

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077310.D
 Acq On : 12 Apr 2023 12:17
 Operator : JC\MD
 Sample : VN0412WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Semsettin Yesilyurt 04/13/2023

Quant Time: Apr 13 01:11:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	458454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	881254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	817662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	340437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	277768	44.330	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.660%		
35) Dibromofluoromethane	8.172	113	238627	42.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.600%		
50) Toluene-d8	10.572	98	962531	42.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.760%#		
62) 4-Bromofluorobenzene	12.854	95	326782	43.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	106278	18.163	ug/l	99
3) Chloromethane	2.372	50	121299	16.728	ug/l	96
4) Vinyl Chloride	2.525	62	169091	17.199	ug/l	100
5) Bromomethane	2.966	94	124632	17.486	ug/l	99
6) Chloroethane	3.131	64	112206	15.992	ug/l	96
7) Trichlorofluoromethane	3.507	101	164385	19.283	ug/l	88
8) Diethyl Ether	3.966	74	71527	20.022	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.384	101	102848	19.713	ug/l	98
10) Methyl Iodide	4.601	142	123188	19.415	ug/l	95
11) Tert butyl alcohol	5.537	59	113627	88.872	ug/l #	87
12) 1,1-Dichloroethene	4.354	96	98415	18.325	ug/l	91
13) Acrolein	4.190	56	114283	94.377	ug/l	98
14) Allyl chloride	5.037	41	132729	16.364	ug/l	96
15) Acrylonitrile	5.731	53	262807	92.977	ug/l	100
16) Acetone	4.431	43	209044	90.486	ug/l	99
17) Carbon Disulfide	4.719	76	252047	17.404	ug/l	100
18) Methyl Acetate	5.037	43	161782	18.387	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	374857	19.671	ug/l	99
20) Methylene Chloride	5.284	84	120782	18.512	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	112269	19.093	ug/l	96
22) Diisopropyl ether	6.678	45	305334	18.776	ug/l	95
23) Vinyl Acetate	6.613	43	1026654	93.372	ug/l	99
24) 1,1-Dichloroethane	6.584	63	198590	18.912	ug/l	99
25) 2-Butanone	7.489	43	332796	88.758	ug/l	97
26) 2,2-Dichloropropane	7.501	77	183709	19.079	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	140498	19.566	ug/l	97
28) Bromochloromethane	7.819	49	86070	20.376	ug/l	99
29) Tetrahydrofuran	7.848	42	214756	89.101	ug/l	97
30) Chloroform	7.972	83	215402	19.236	ug/l	98
31) Cyclohexane	8.260	56	183361	18.833	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	191737	18.827	ug/l	94
36) 1,1-Dichloropropene	8.378	75	155581	18.646	ug/l	97
37) Ethyl Acetate	7.566	43	141232	18.918	ug/l	98
38) Carbon Tetrachloride	8.366	117	165918	19.409	ug/l	99
39) Methylcyclohexane	9.607	83	212161	18.857	ug/l	97
40) Benzene	8.613	78	490638	18.852	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	72950	18.179	ug/l	97
42) 1,2-Dichloroethane	8.678	62	161197	20.125	ug/l	99
43) Isopropyl Acetate	8.695	43	249231	18.093	ug/l	99
44) Trichloroethene	9.354	130	122085	19.605	ug/l	99
45) 1,2-Dichloropropane	9.624	63	120837	19.550	ug/l	99
46) Dibromomethane	9.713	93	92600	19.884	ug/l	98
47) Bromodichloromethane	9.895	83	178666	19.195	ug/l	97
48) Methyl methacrylate	9.683	41	108347	18.438	ug/l	100
49) 1,4-Dioxane	9.695	88	50889	357.190	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	733367	92.104	ug/l	99
52) Toluene	10.636	92	332171	19.500	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	200165	19.803	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	211950	19.686	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	133120	19.908	ug/l	95
56) Ethyl methacrylate	10.877	69	206116	19.790	ug/l	97
57) 1,3-Dichloropropane	11.166	76	217203	19.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	247988	79.984	ug/l	97
59) 2-Hexanone	11.201	43	543692	91.654	ug/l	100
60) Dibromochloromethane	11.360	129	139711	20.286	ug/l	100
61) 1,2-Dibromoethane	11.471	107	132690	19.881	ug/l	99
64) Tetrachloroethene	11.107	164	96204	19.046	ug/l	92
65) Chlorobenzene	11.895	112	350517	19.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	131808	19.351	ug/l	100
67) Ethyl Benzene	11.966	91	634720	19.107	ug/l	97
68) m/p-Xylenes	12.077	106	494457	37.882	ug/l	98
69) o-Xylene	12.401	106	240454	18.674	ug/l	96
70) Styrene	12.413	104	392348	18.934	ug/l	98
71) Bromoform	12.583	173	90064	18.784	ug/l #	98
73) Isopropylbenzene	12.701	105	619867	18.746	ug/l	100
74) N-amyl acetate	12.495	43	216770	17.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	193633	18.660	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	170306m	21.008	ug/l	
77) Bromobenzene	12.983	156	129845	19.312	ug/l	97
78) n-propylbenzene	13.042	91	709175	19.410	ug/l	100
79) 2-Chlorotoluene	13.130	91	415461	18.885	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	509383	19.287	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	62802	17.433	ug/l	97
82) 4-Chlorotoluene	13.224	91	406822	19.614	ug/l	99
83) tert-Butylbenzene	13.442	119	444747	18.919	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	503200	19.286	ug/l	100
85) sec-Butylbenzene	13.618	105	634484	19.367	ug/l	99
86) p-Isopropyltoluene	13.736	119	501287	19.469	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	244554	19.661	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	237049	19.325	ug/l	98
89) n-Butylbenzene	14.060	91	416516	19.486	ug/l	99
90) Hexachloroethane	14.342	117	105829	18.798	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	241003	19.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	37075	18.852	ug/l	91
93) 1,2,4-Trichlorobenzene	15.371	180	79725	17.748	ug/l	98
94) Hexachlorobutadiene	15.465	225	47755	18.366	ug/l	99
95) Naphthalene	15.589	128	293535	17.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	74926	17.438	ug/l	100

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QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

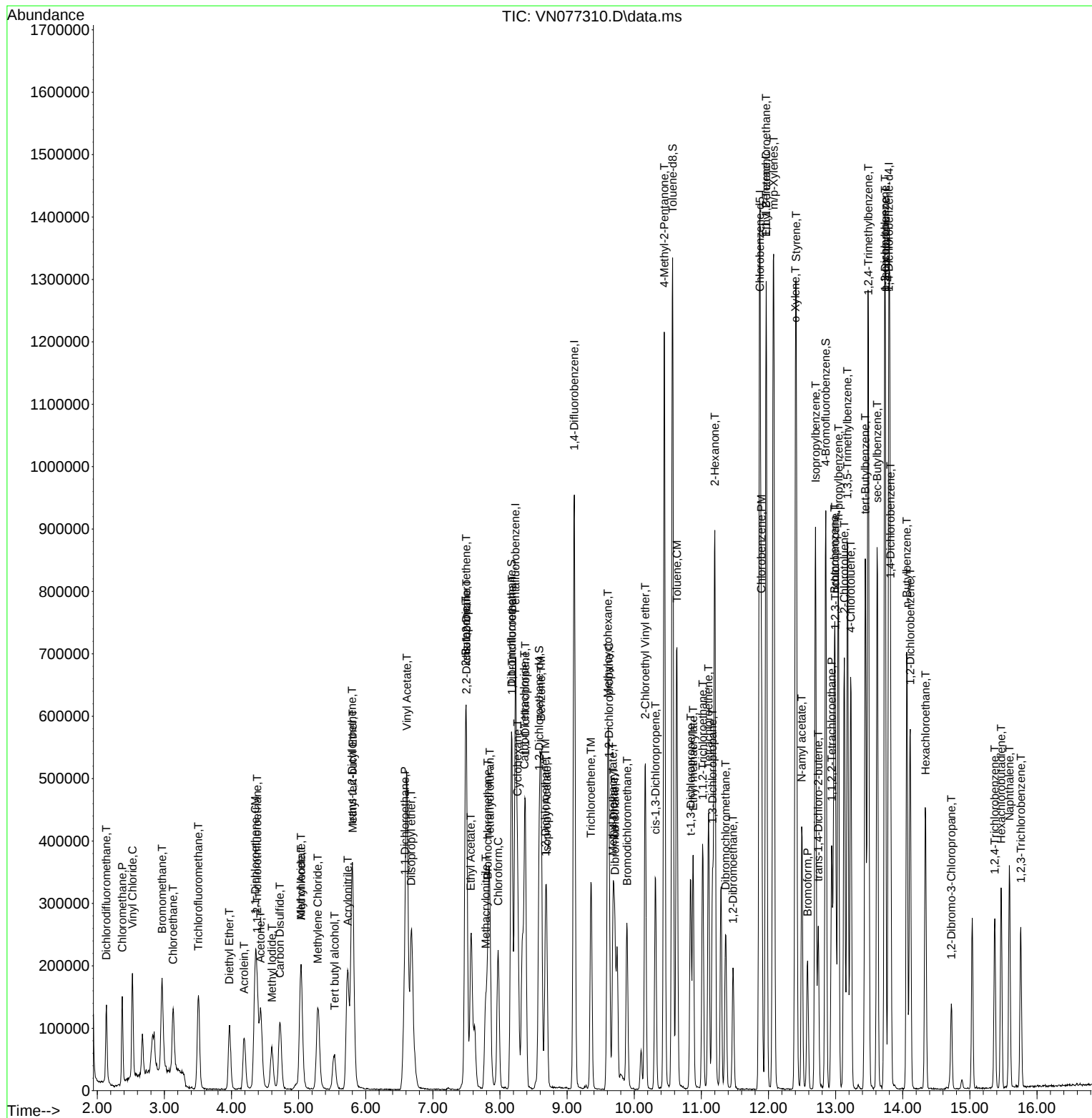
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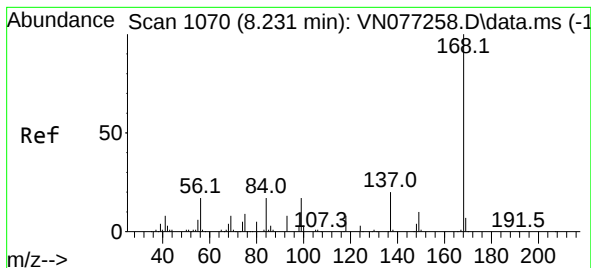
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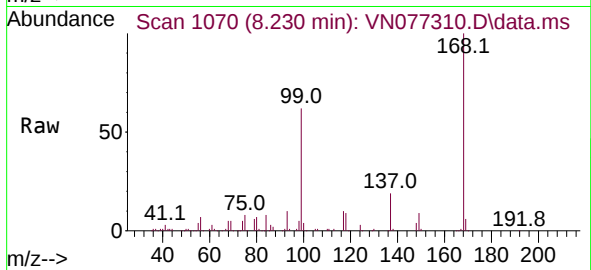
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077310.D
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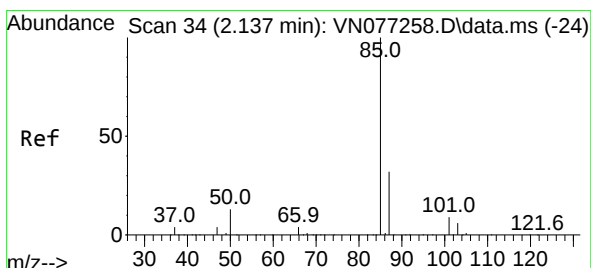
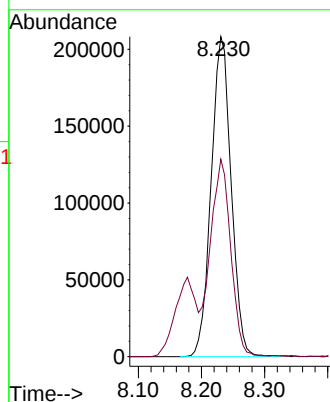
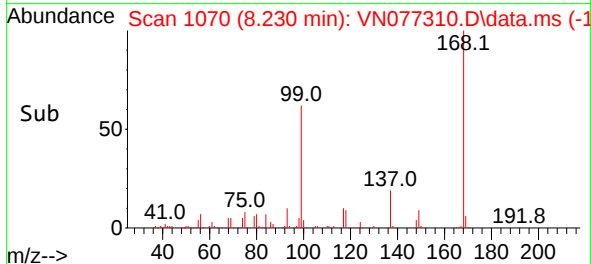
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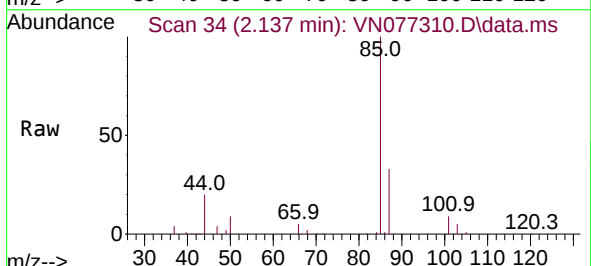
Tgt Ion:168 Resp: 458454
Ion Ratio Lower Upper
168 100
99 61.4 50.6 75.8

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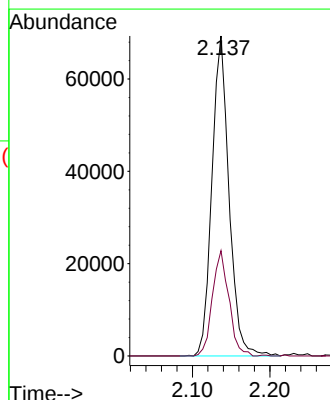
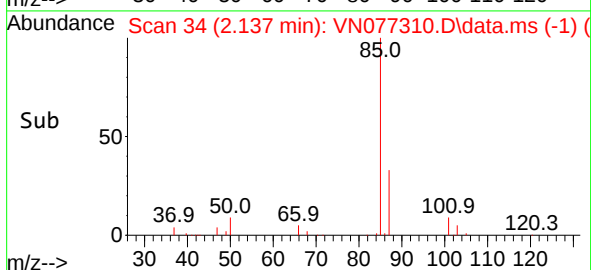
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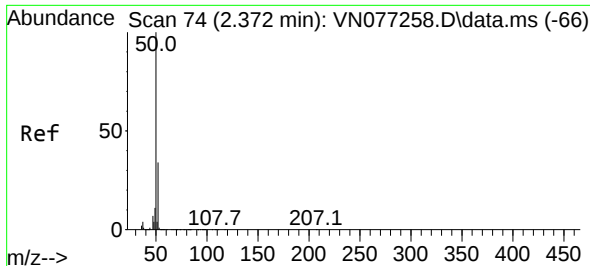


#2
Dichlorodifluoromethane
Concen: 18.163 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



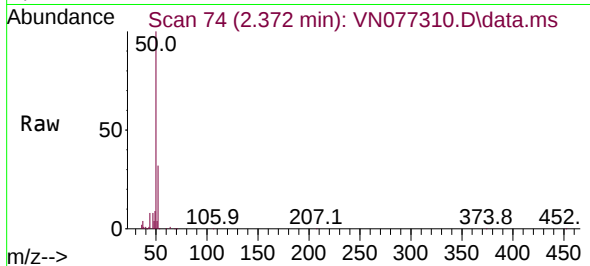
Tgt Ion: 85 Resp: 106278
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





#3
Chloromethane
Concen: 16.728 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

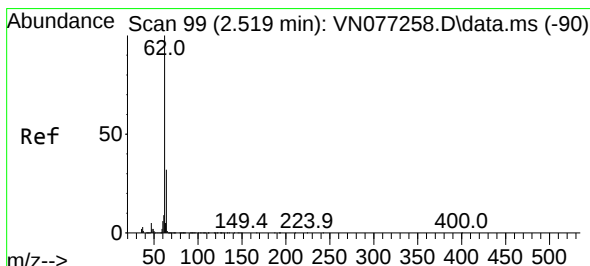
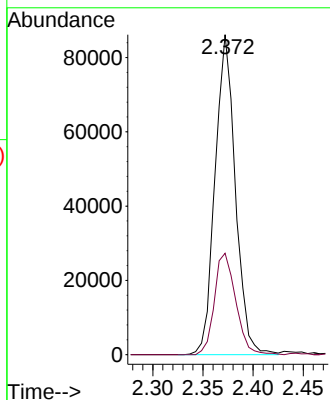
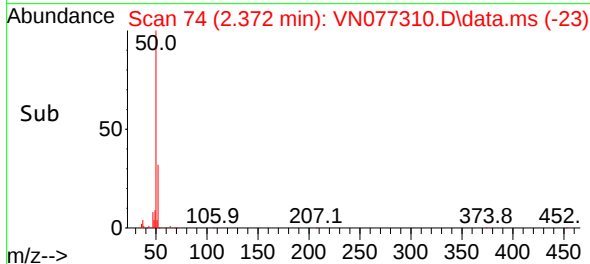
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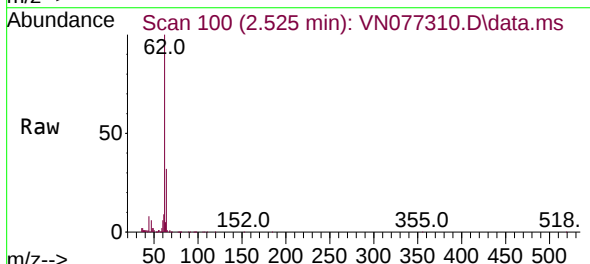
Tgt Ion: 50 Resp: 121299
Ion Ratio Lower Upper
50 100
52 31.7 27.3 40.9

Manual Integrations
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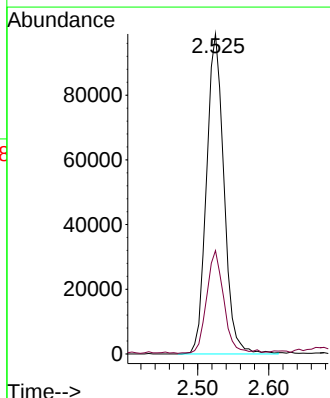
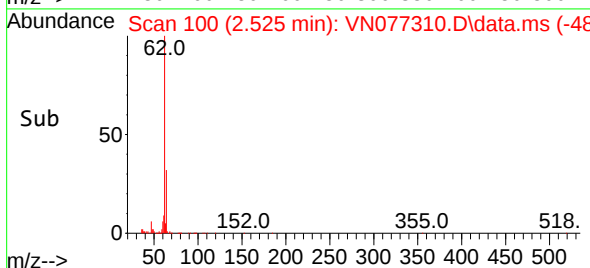
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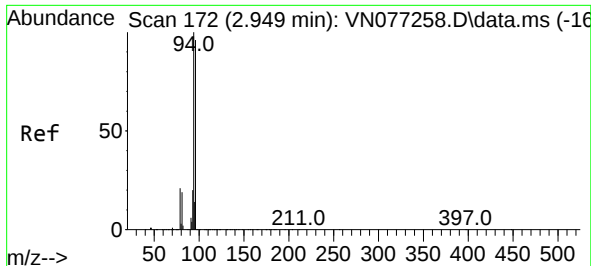


#4
Vinyl Chloride
Concen: 17.199 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



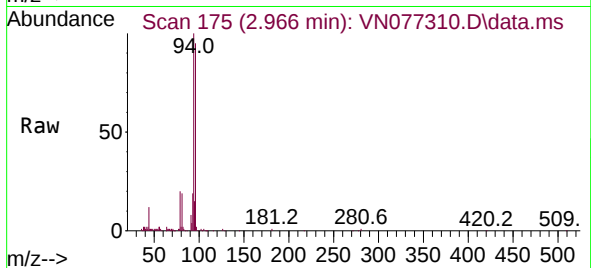
Tgt Ion: 62 Resp: 169091
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5
Bromomethane
Concen: 17.486 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

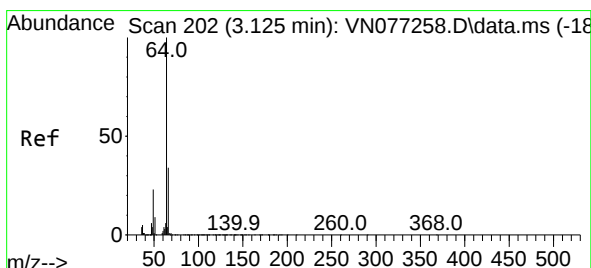
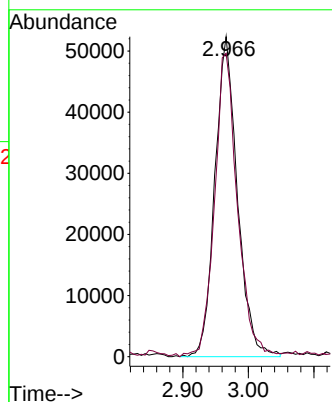
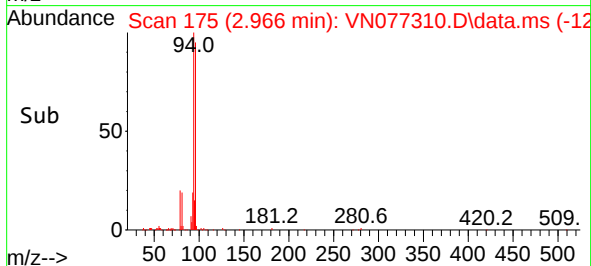
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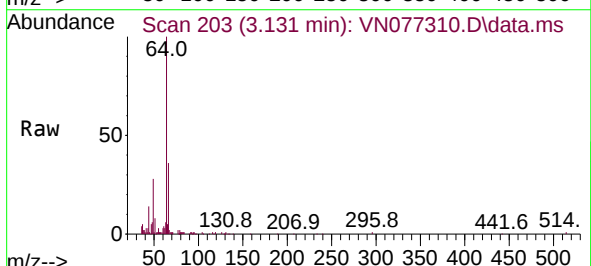
Tgt Ion: 94 Resp: 12463
Ion Ratio Lower Upper
94 100
96 94.8 77.0 115.4

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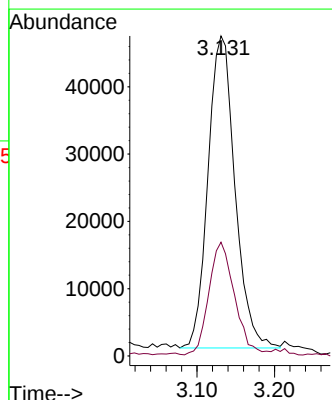
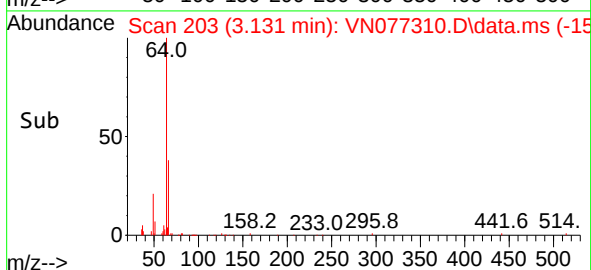
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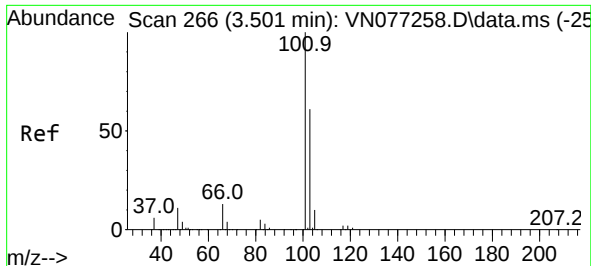


#6
Chloroethane
Concen: 15.992 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



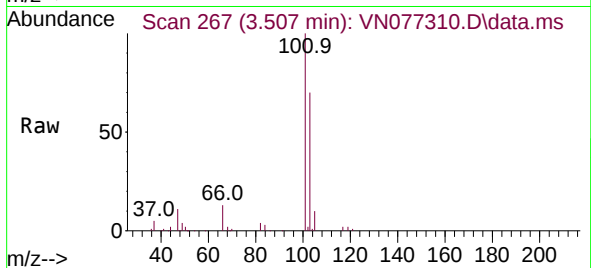
Tgt Ion: 64 Resp: 112206
Ion Ratio Lower Upper
64 100
66 35.9 26.9 40.3





#7
Trichlorofluoromethane
Concen: 19.283 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

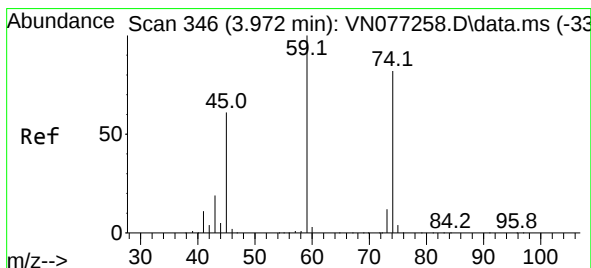
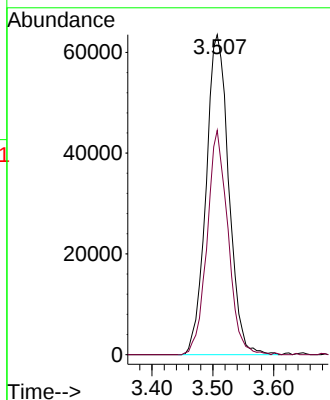
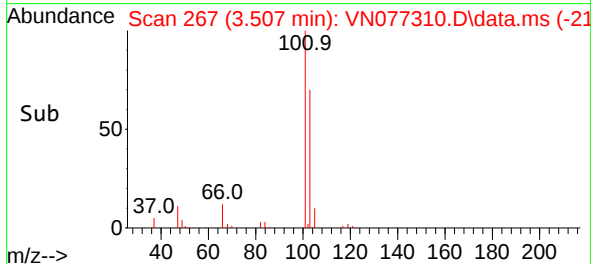
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Tgt Ion:101 Resp: 16438
Ion Ratio Lower Upper
101 100
103 70.1 49.0 73.4

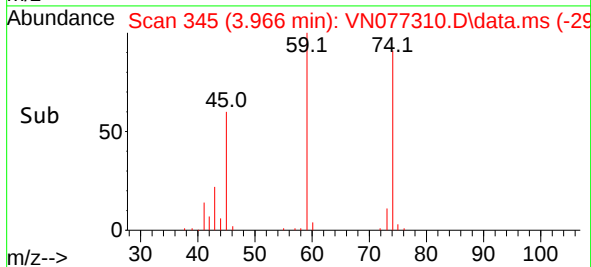
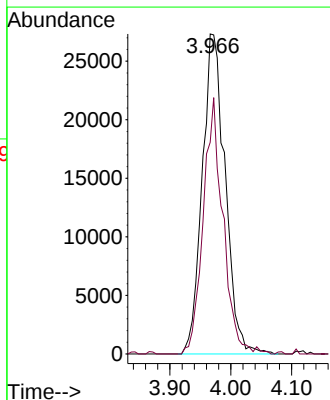
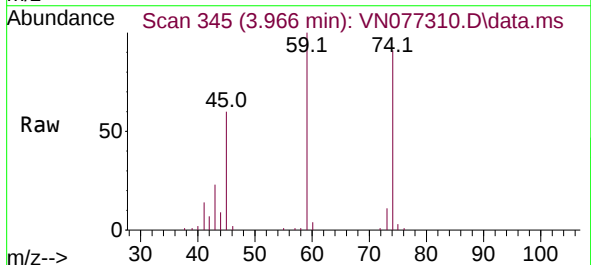
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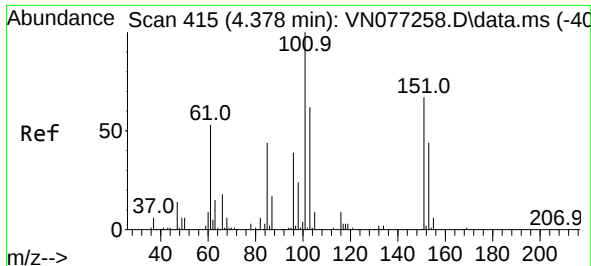
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#8
Diethyl Ether
Concen: 20.022 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion: 74 Resp: 71527
Ion Ratio Lower Upper
74 100
45 68.5 37.8 113.4





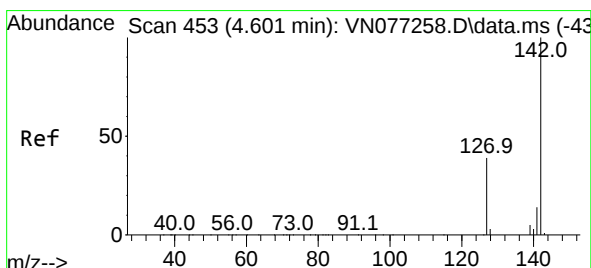
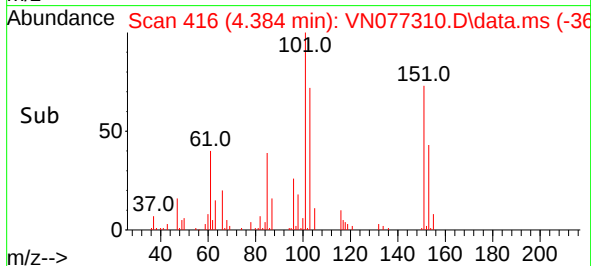
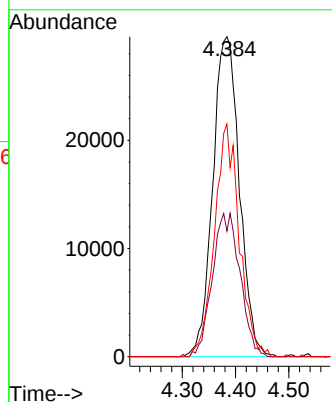
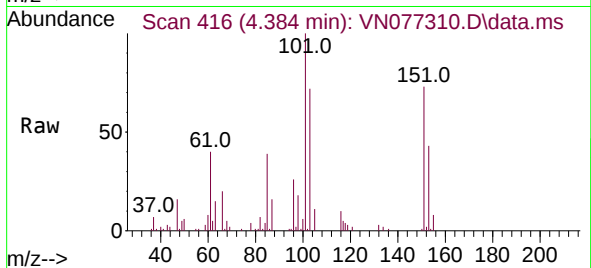
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.713 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion:101 Resp: 10284
Ion Ratio Lower Upper
101 100
85 46.5 37.3 55.9
151 67.3 56.3 84.5

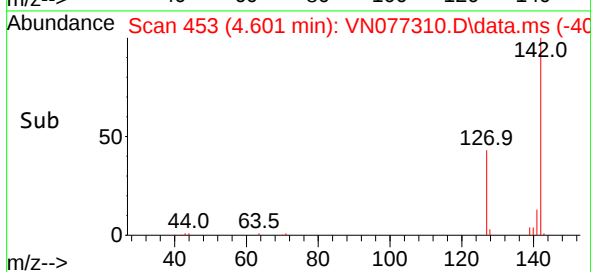
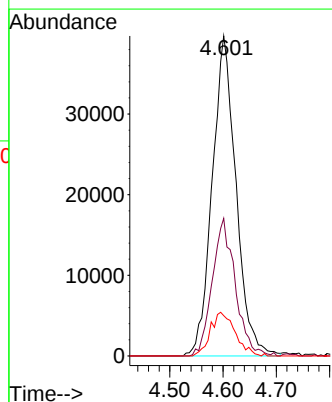
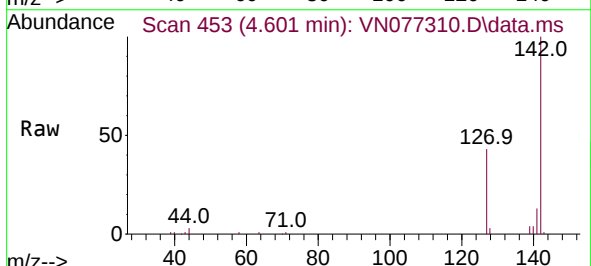
Manual Integrations
APPROVED

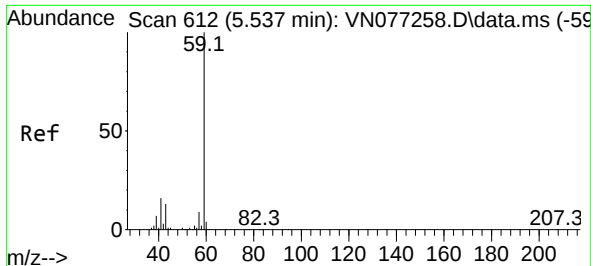
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#10
Methyl Iodide
Concen: 19.415 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

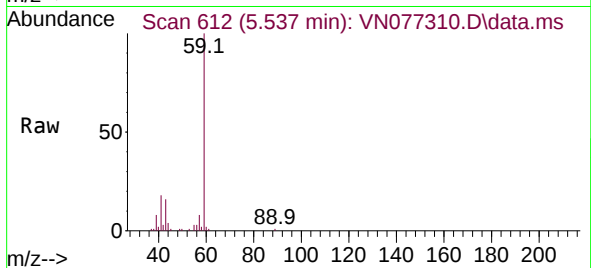
Tgt Ion:142 Resp: 123188
Ion Ratio Lower Upper
142 100
127 43.0 31.5 47.3
141 12.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 88.872 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

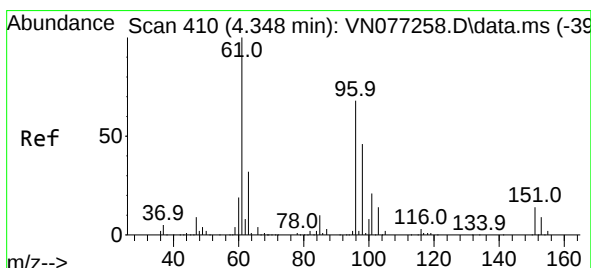
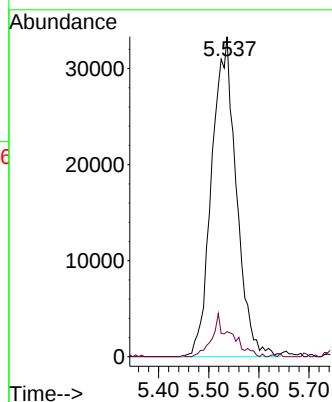
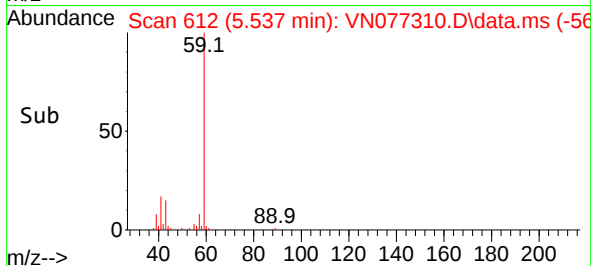
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



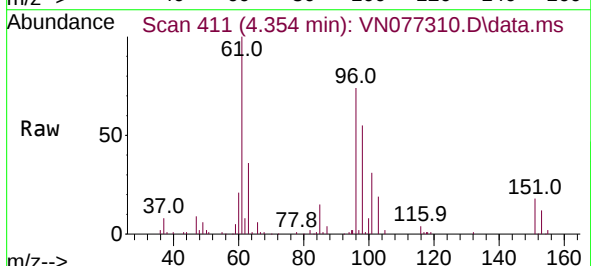
Tgt Ion: 59 Resp: 11362
Ion Ratio Lower Upper
59 100
57 5.7 8.3 12.5

Manual Integrations
APPROVED

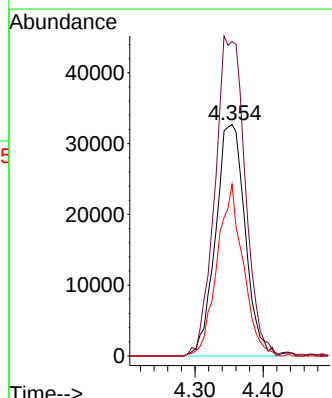
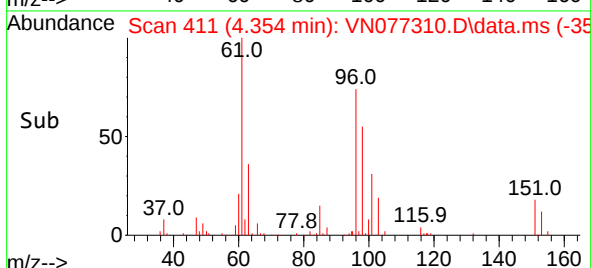
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

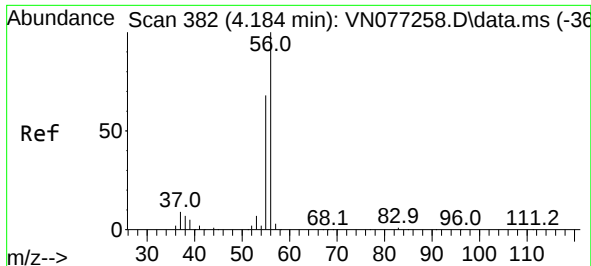


#12
1,1-Dichloroethene
Concen: 18.325 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



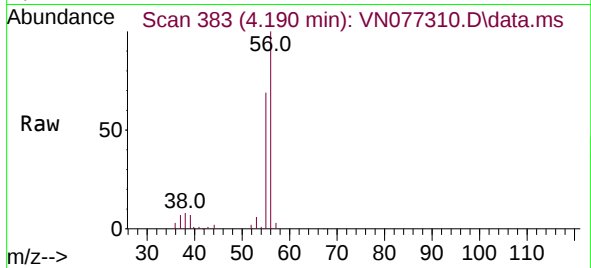
Tgt Ion: 96 Resp: 98415
Ion Ratio Lower Upper
96 100
61 135.9 118.3 177.5
98 74.1 54.5 81.7





#13
Acrolein
Concen: 94.377 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

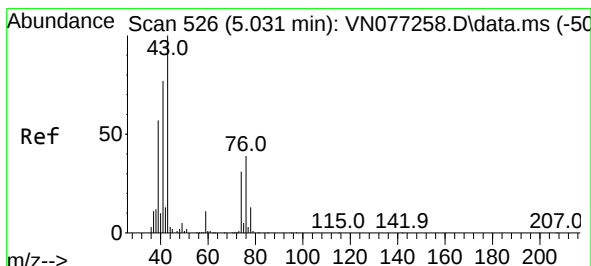
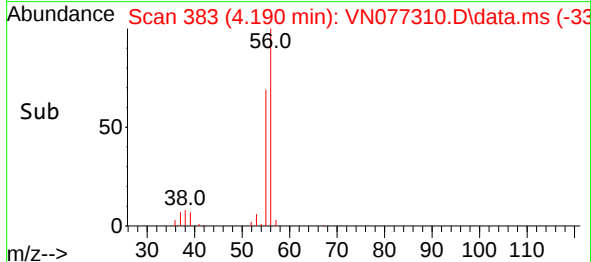
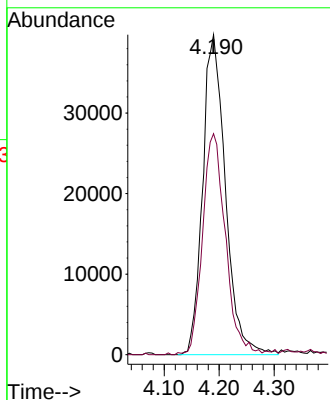
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 56 Resp: 11428
Ion Ratio Lower Upper
56 100
55 69.3 54.2 81.2

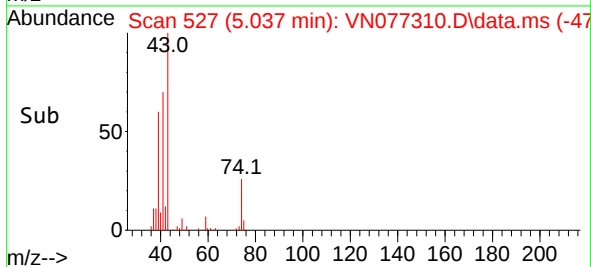
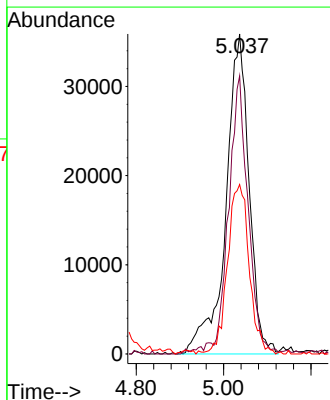
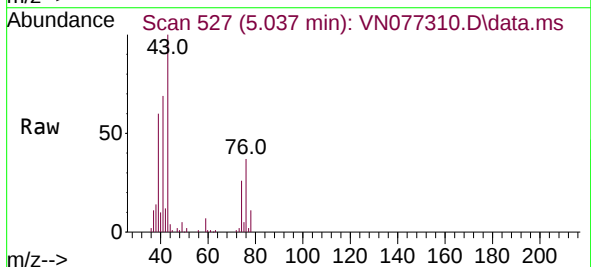
Manual Integrations
APPROVED

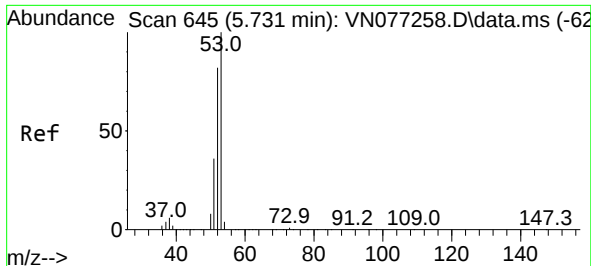
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#14
Allyl chloride
Concen: 16.364 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

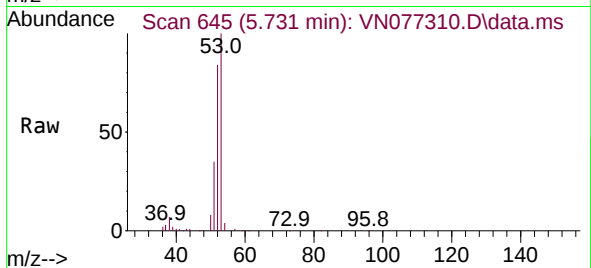
Tgt Ion: 41 Resp: 132729
Ion Ratio Lower Upper
41 100
39 70.6 55.0 82.4
76 49.2 35.4 53.2





#15
Acrylonitrile
Concen: 92.977 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

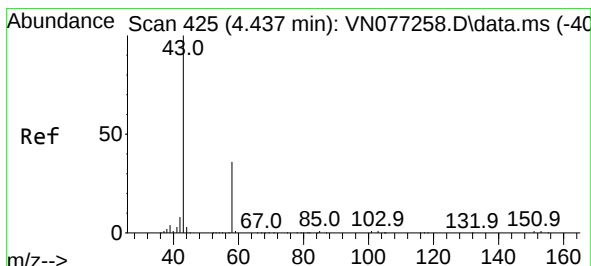
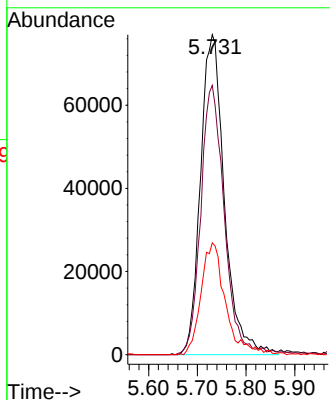
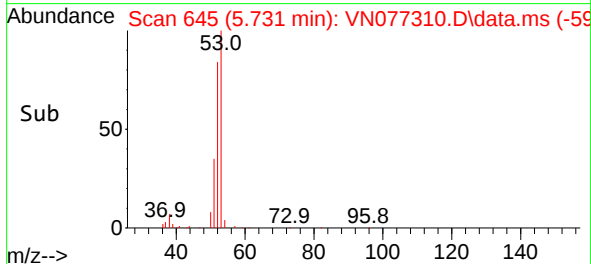
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



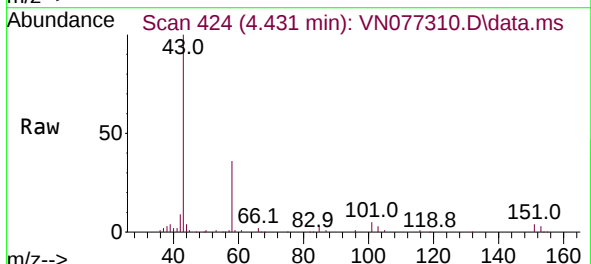
Tgt Ion: 53 Resp: 26280
Ion Ratio Lower Upper
53 100
52 81.6 65.2 97.8
51 35.6 28.1 42.1

Manual Integrations
APPROVED

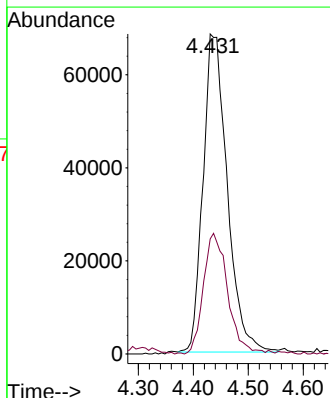
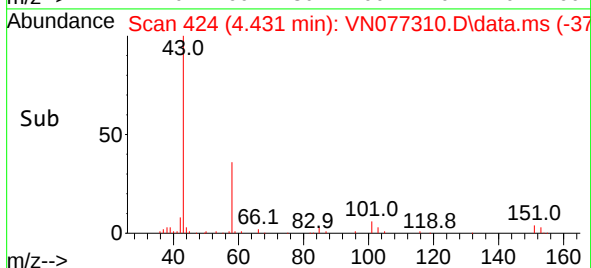
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

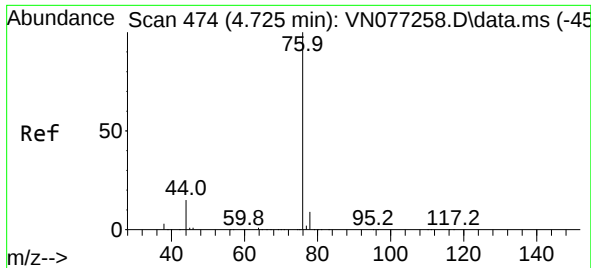


#16
Acetone
Concen: 90.486 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



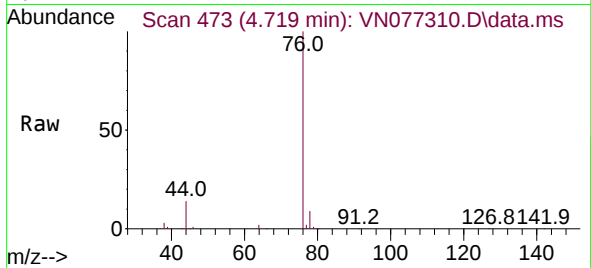
Tgt Ion: 43 Resp: 209044
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6





#17
Carbon Disulfide
Concen: 17.404 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

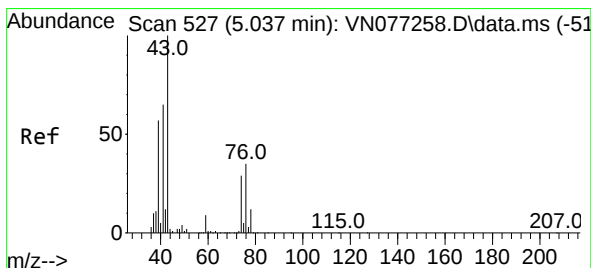
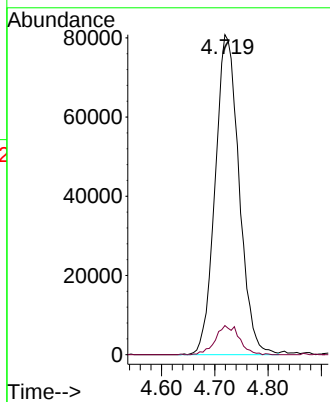
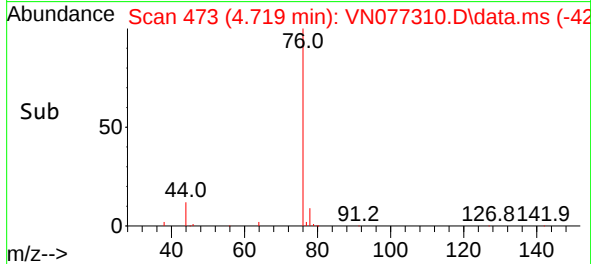
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 76 Resp: 25204
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

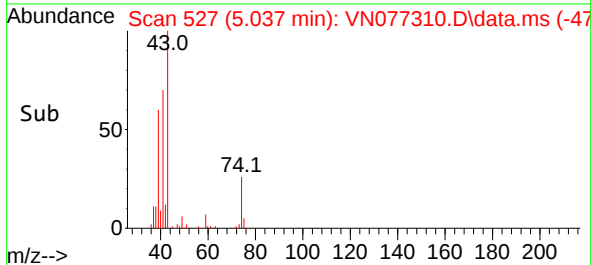
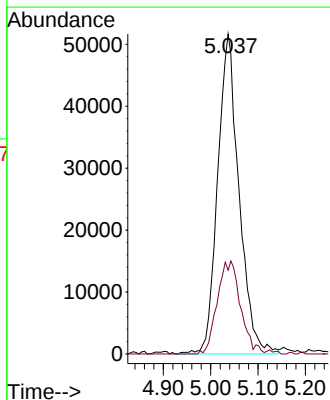
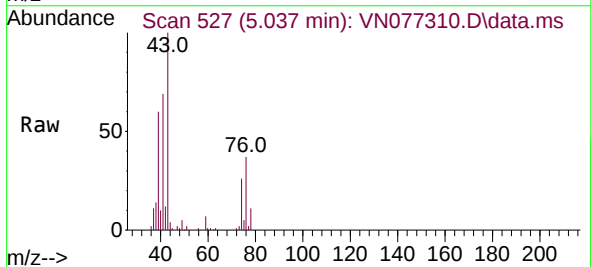
Manual Integrations
APPROVED

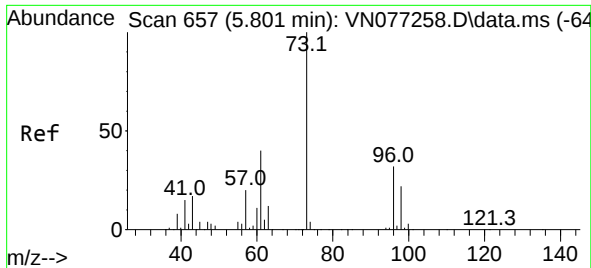
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#18
Methyl Acetate
Concen: 18.387 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion: 43 Resp: 161782
Ion Ratio Lower Upper
43 100
74 31.5 23.4 35.2





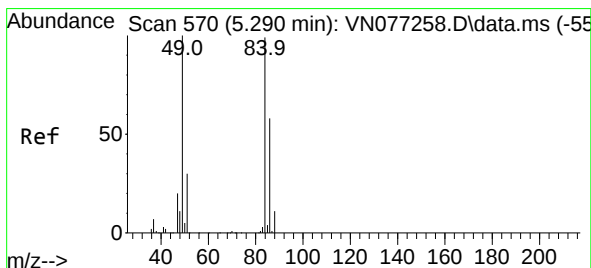
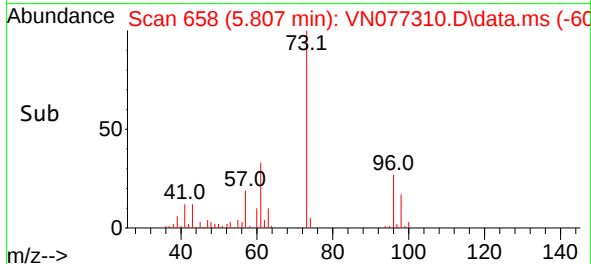
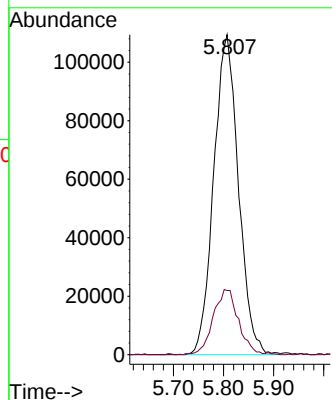
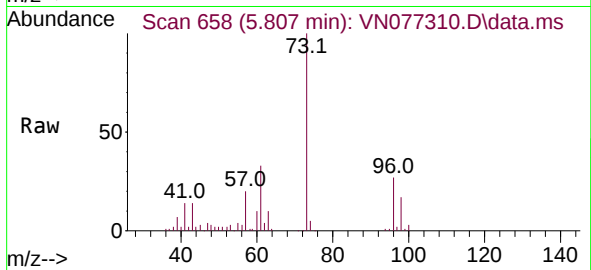
#19
Methyl tert-butyl Ether
Concen: 19.671 ug/l
RT: 5.807 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 73 Resp: 37485
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4

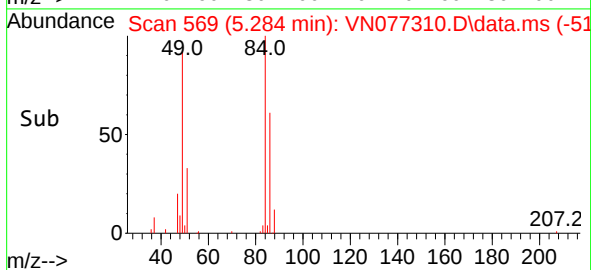
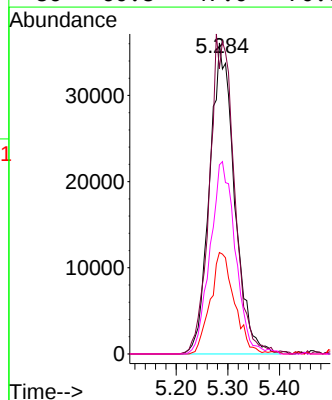
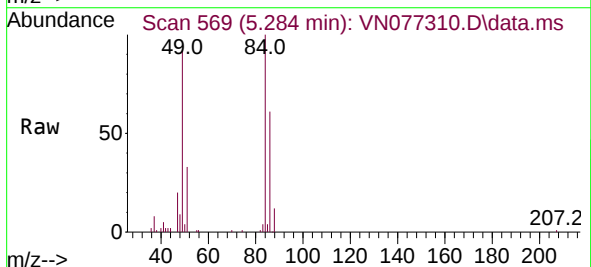
Manual Integrations
APPROVED

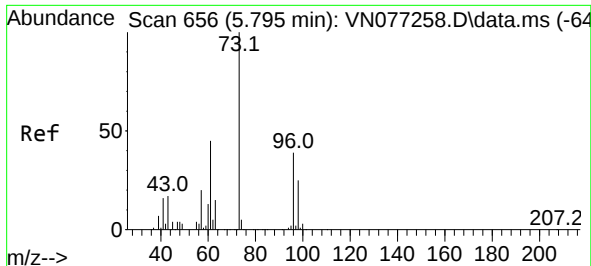
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#20
Methylene Chloride
Concen: 18.512 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

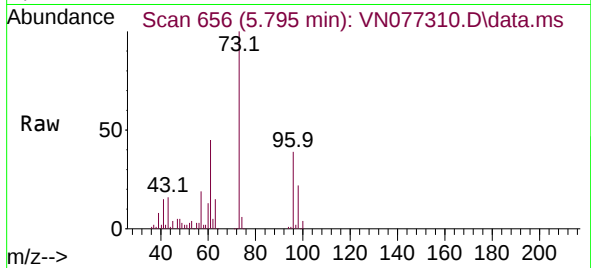
Tgt Ion: 84 Resp: 120782
Ion Ratio Lower Upper
84 100
49 91.6 80.6 121.0
51 32.6 24.4 36.6
86 60.8 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 19.093 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

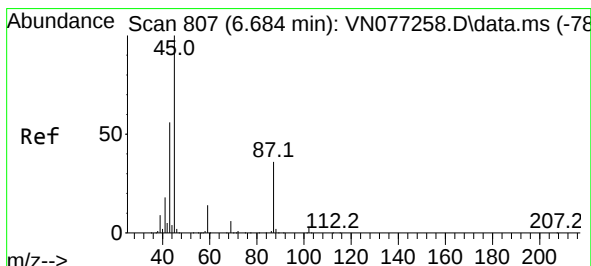
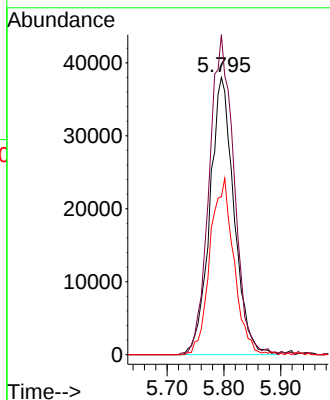
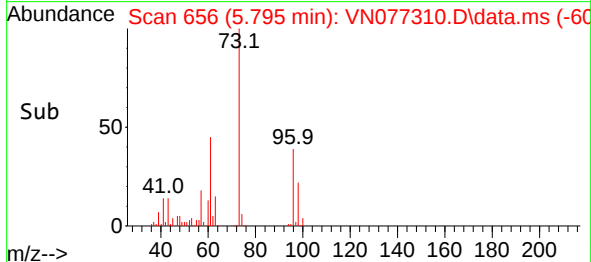
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 96 Resp: 112269
Ion Ratio Lower Upper
96 100
61 115.4 93.8 140.6
98 57.0 50.9 76.3

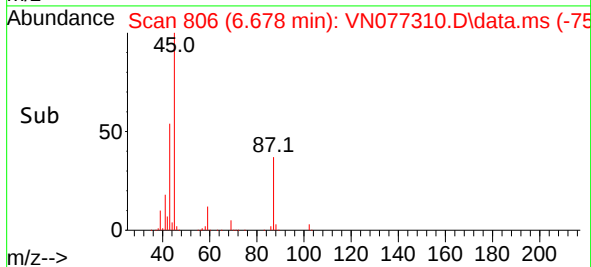
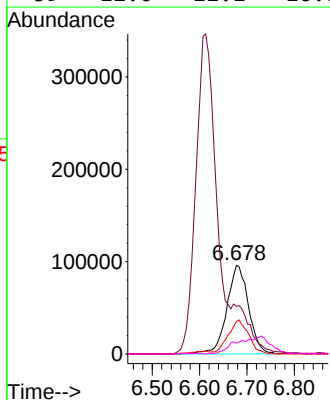
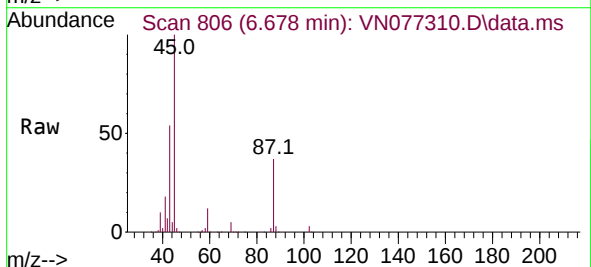
Manual Integrations
APPROVED

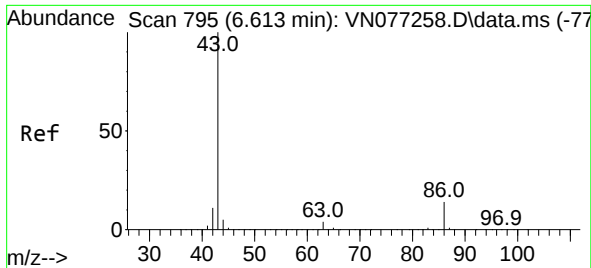
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#22
Diisopropyl ether
Concen: 18.776 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

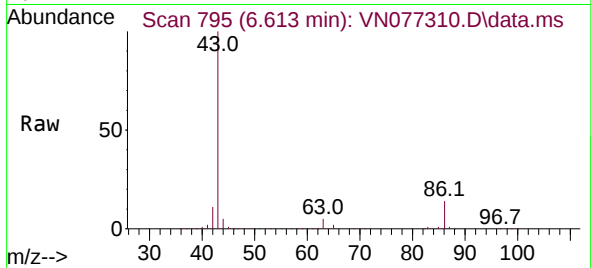
Tgt Ion: 45 Resp: 305334
Ion Ratio Lower Upper
45 100
43 51.4 44.6 66.8
87 36.9 28.4 42.6
59 12.0 11.1 16.7





#23
 Vinyl Acetate
 Concen: 93.372 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17

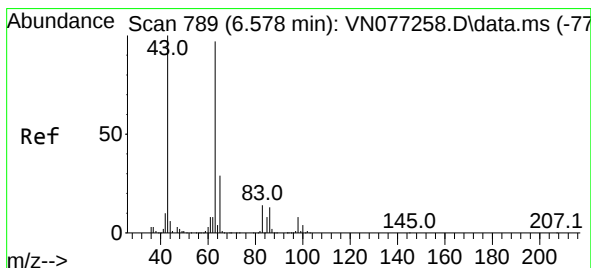
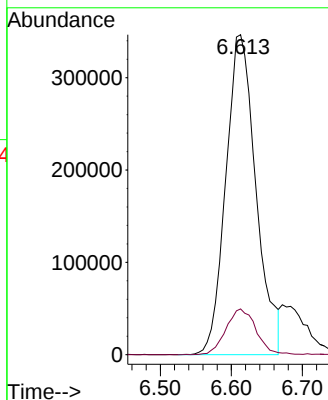
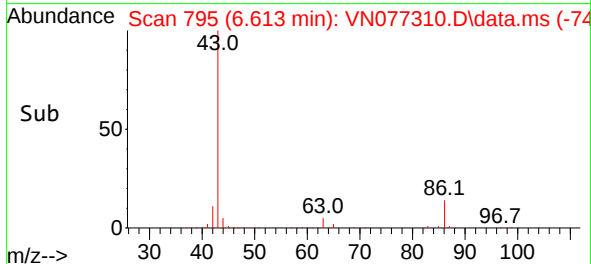
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



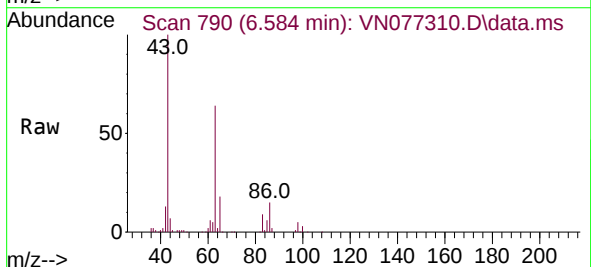
Tgt Ion: 43 Resp: 1026654
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.2 16.8

Manual Integrations
 APPROVED

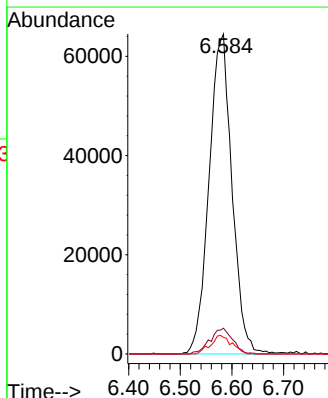
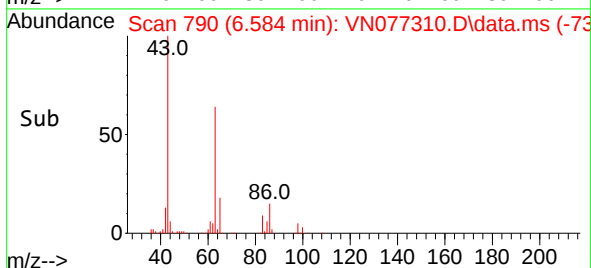
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

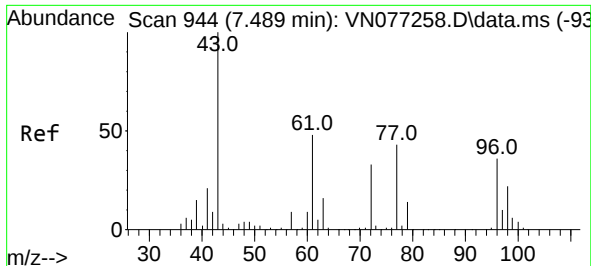


#24
 1,1-Dichloroethane
 Concen: 18.912 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17



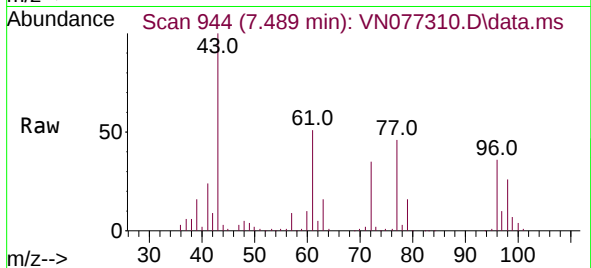
Tgt Ion: 63 Resp: 198590
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.0
 100 5.2 2.3 6.9





#25
2-Butanone
Concen: 88.758 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

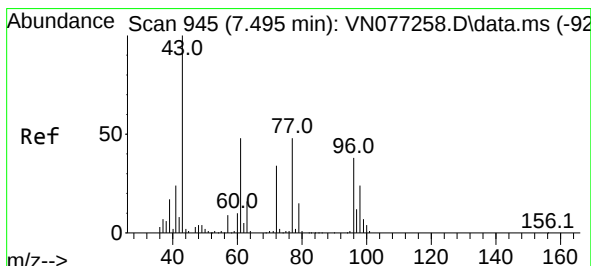
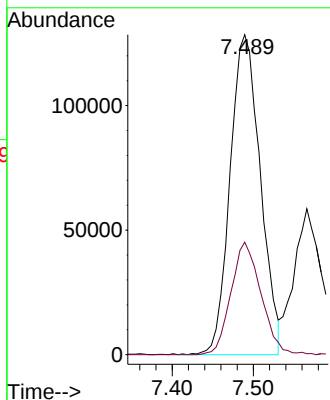
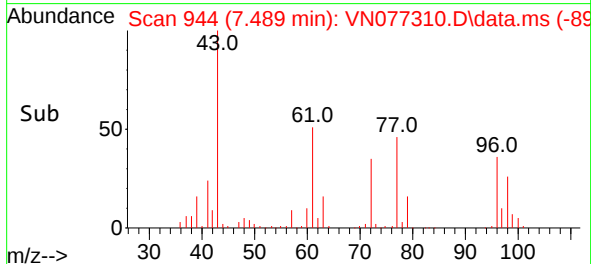
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



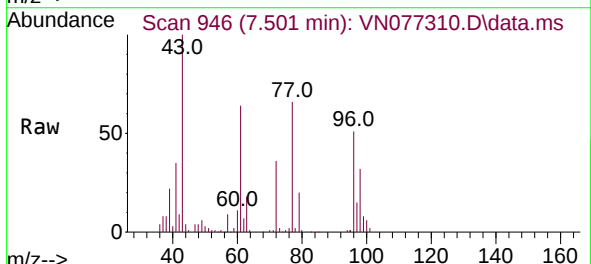
Tgt Ion: 43 Resp: 332790
Ion Ratio Lower Upper
43 100
72 35.1 26.6 39.8

Manual Integrations
APPROVED

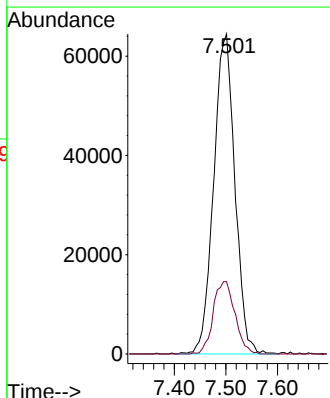
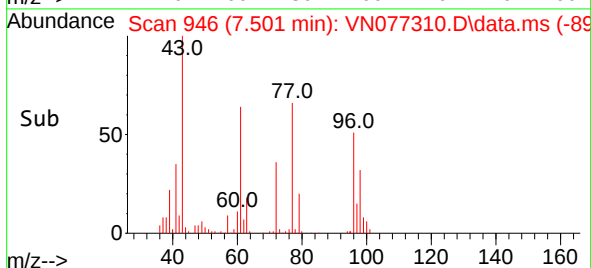
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

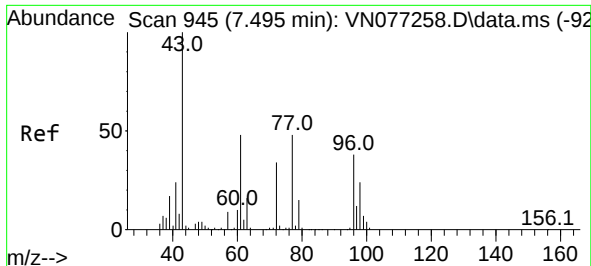


#26
2,2-Dichloropropane
Concen: 19.079 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



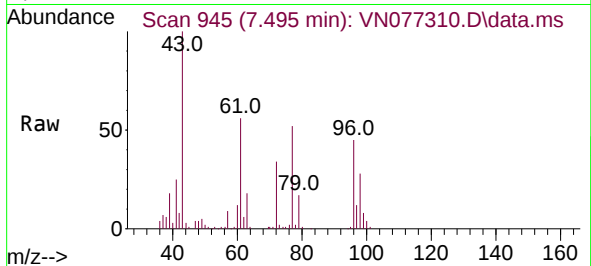
Tgt Ion: 77 Resp: 183709
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.566 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17

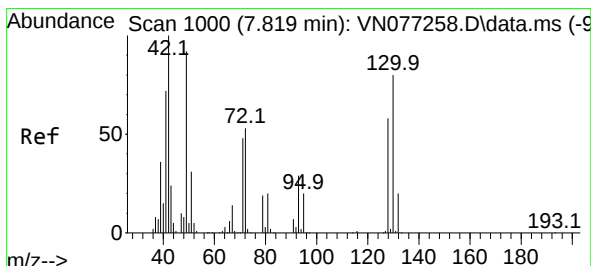
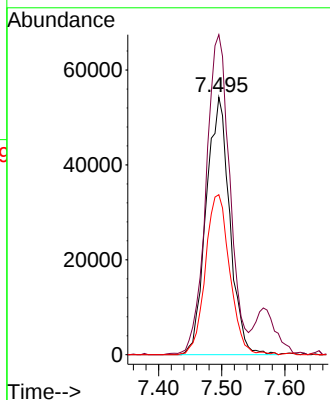
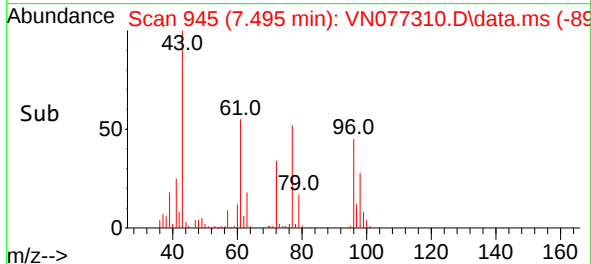
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



Tgt Ion: 96 Resp: 140498
 Ion Ratio Lower Upper
 96 100
 61 125.6 0.0 261.0
 98 64.5 0.0 128.0

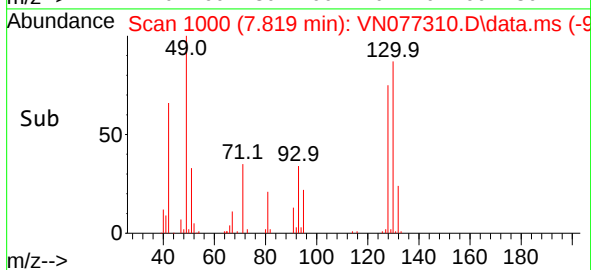
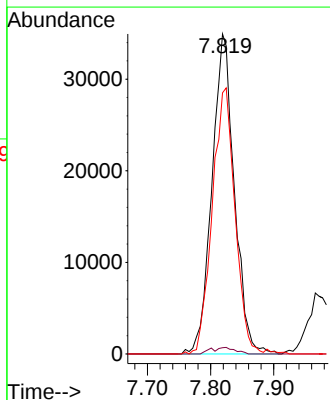
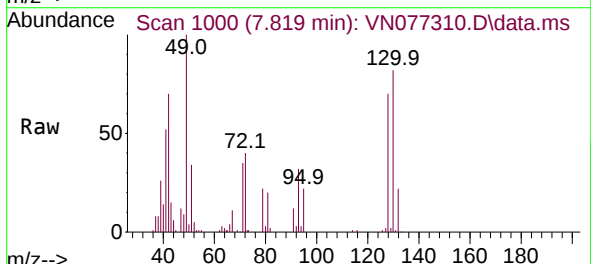
Manual Integrations
 APPROVED

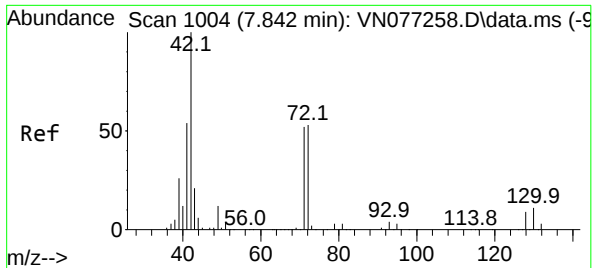
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023



#28
 Bromochloromethane
 Concen: 20.376 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17

Tgt Ion: 49 Resp: 86070
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.4
 130 84.2 68.4 102.6





#29

Tetrahydrofuran

Concen: 89.101 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077310.D

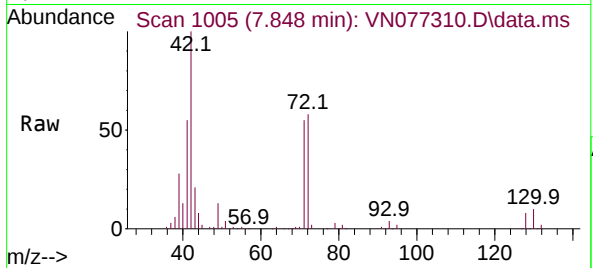
Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02



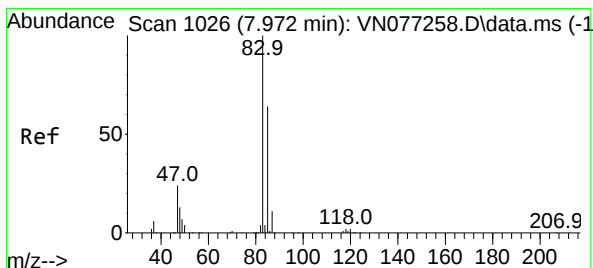
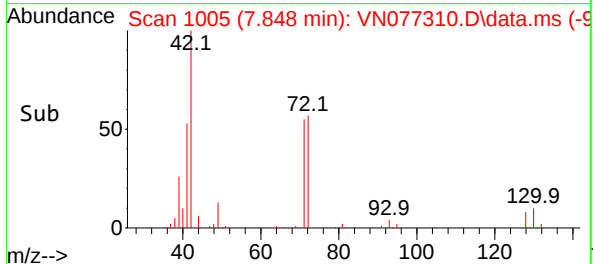
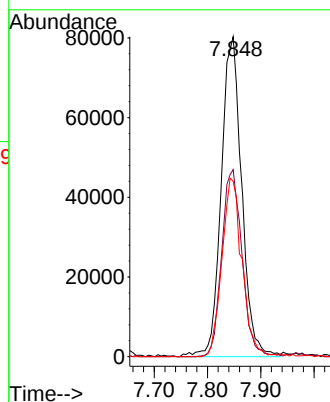
Tgt Ion:	42	Resp:	214750
Ion Ratio	100	Lower	Upper
42	100		
72	57.8	44.6	66.8
71	54.5	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#30

Chloroform

Concen: 19.236 ug/l

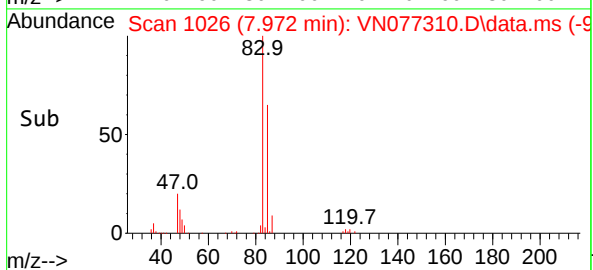
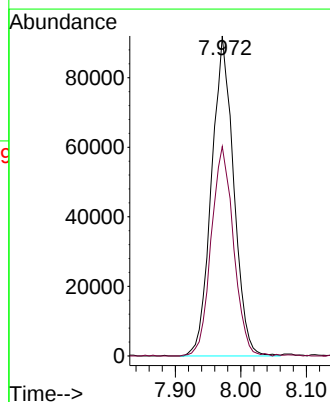
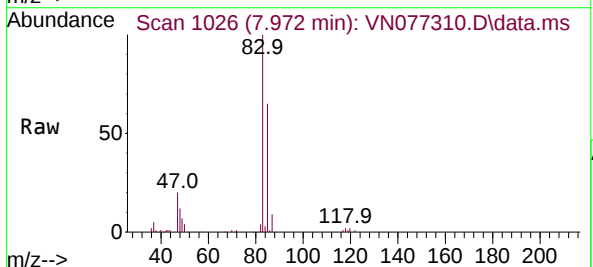
RT: 7.972 min Scan# 1026

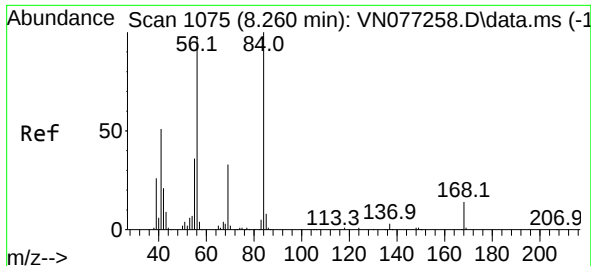
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

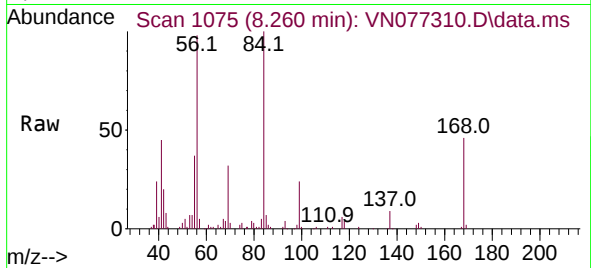
Tgt Ion:	83	Resp:	215402
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	50.9	76.3





#31
Cyclohexane
Concen: 18.833 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

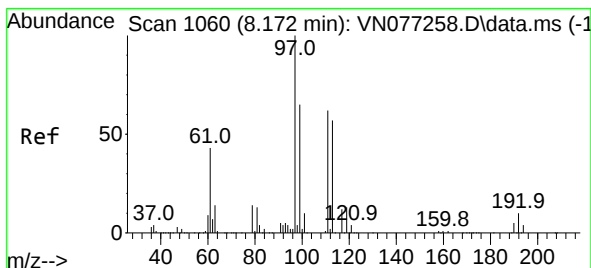
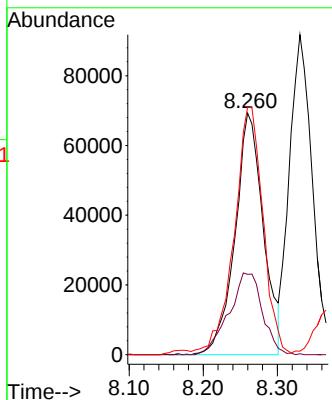
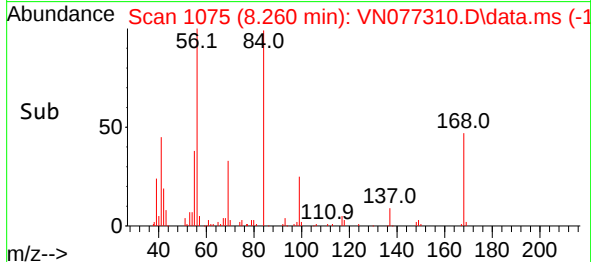
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 56 Resp: 18336
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 100.8 81.8 122.8

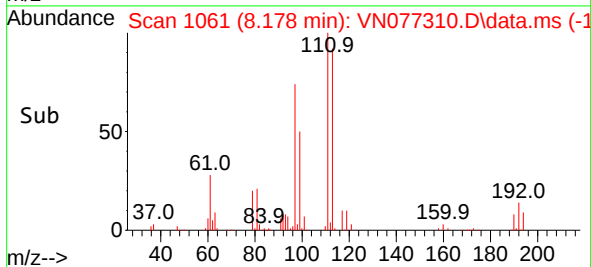
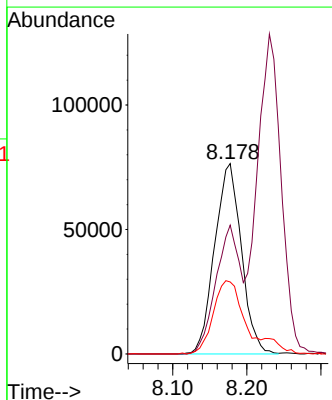
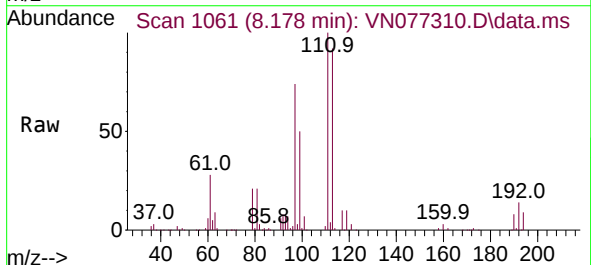
Manual Integrations
APPROVED

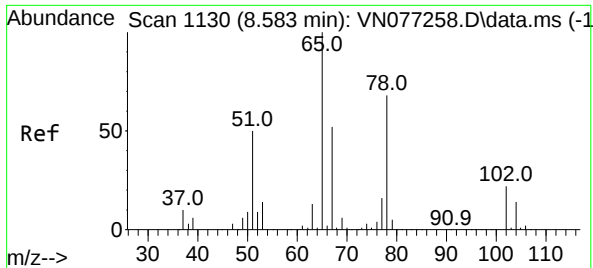
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#32
1,1,1-Trichloroethane
Concen: 18.827 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion: 97 Resp: 191737
Ion Ratio Lower Upper
97 100
99 61.0 54.2 81.4
61 42.9 35.8 53.6





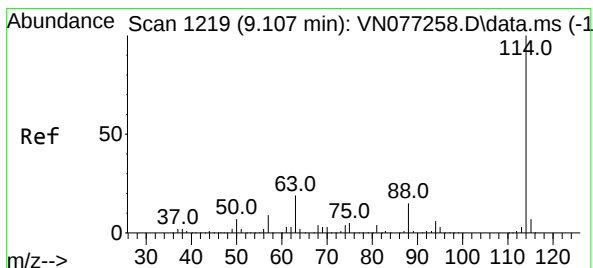
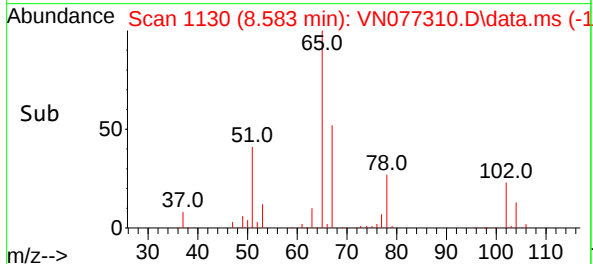
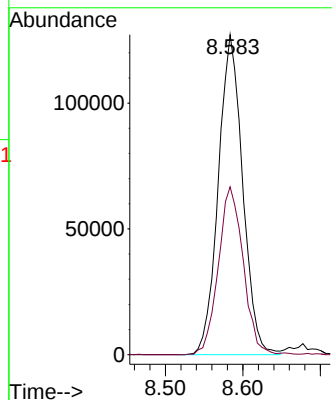
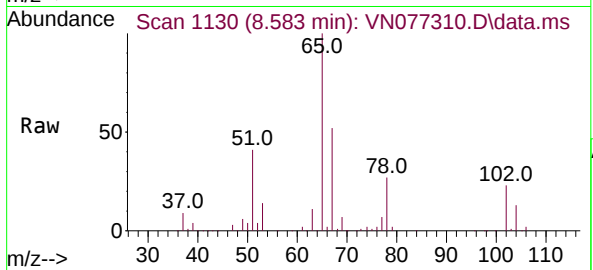
#33
1,2-Dichloroethane-d4
Concen: 44.330 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 65 Resp: 277768
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.8

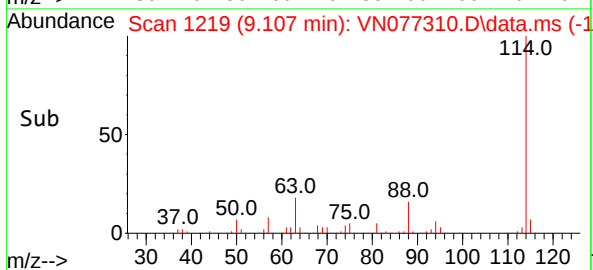
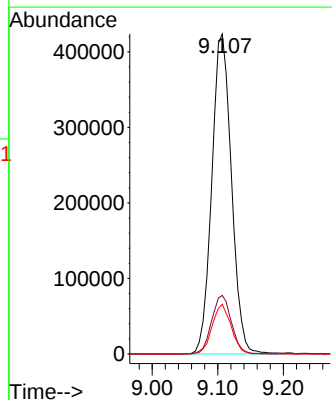
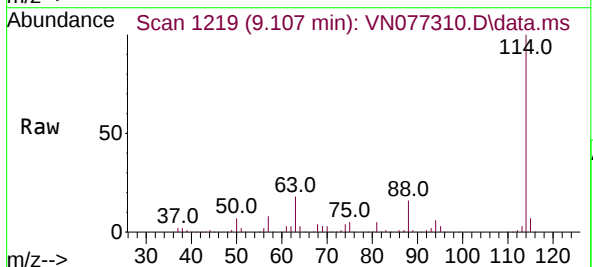
Manual Integrations
APPROVED

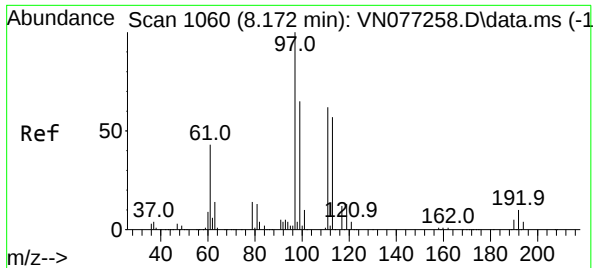
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

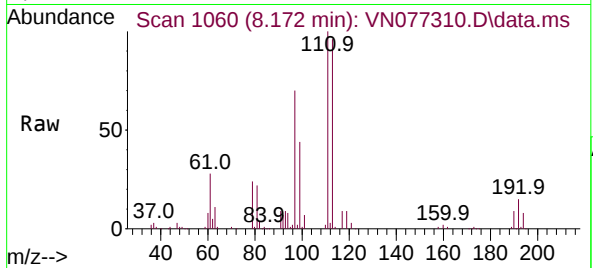
Tgt Ion:114 Resp: 881254
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.8
88 15.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 42.298 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

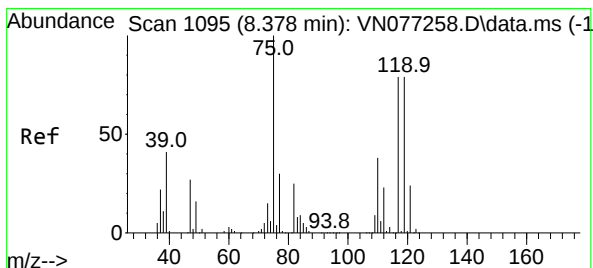
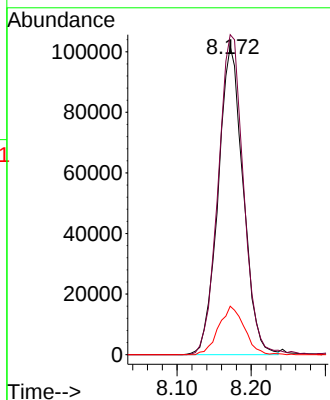
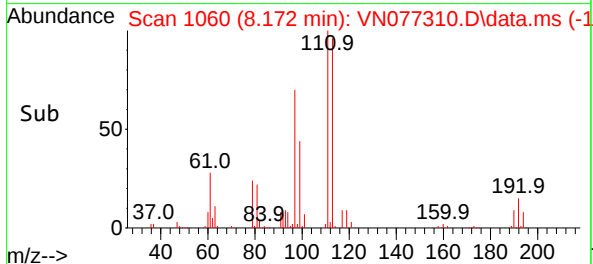
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 113 Resp: 23862
Ion Ratio Lower Upper
113 100
111 105.5 83.4 125.0
192 16.2 13.5 20.3

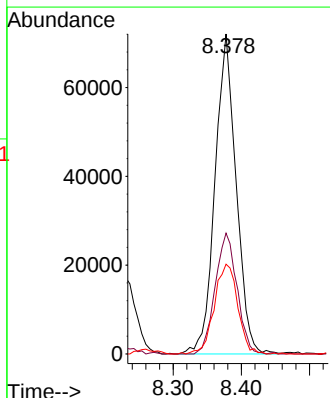
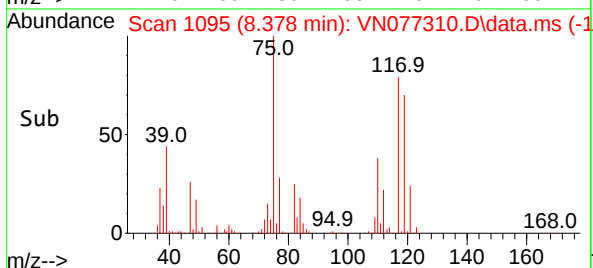
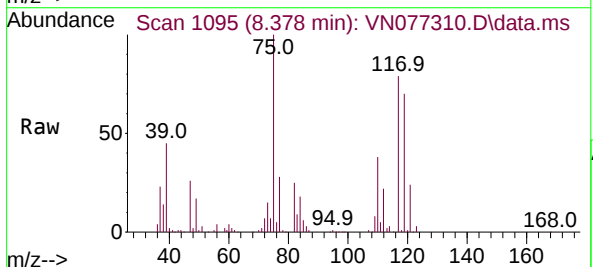
Manual Integrations
APPROVED

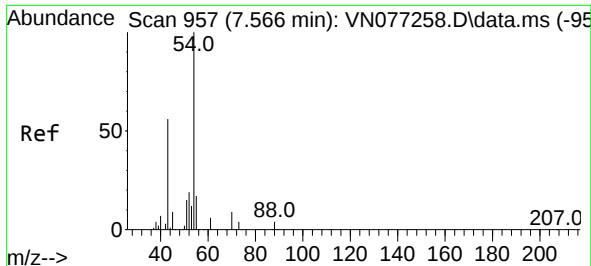
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#36
1,1-Dichloropropene
Concen: 18.646 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion: 75 Resp: 155581
Ion Ratio Lower Upper
75 100
110 38.8 17.8 53.5
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.918 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077310.D

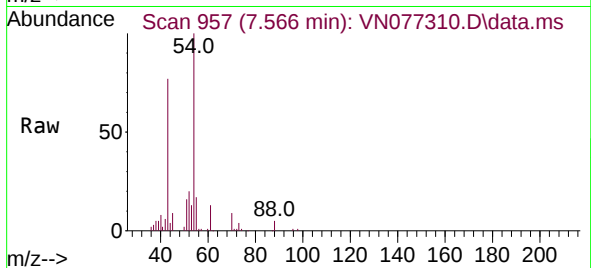
Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

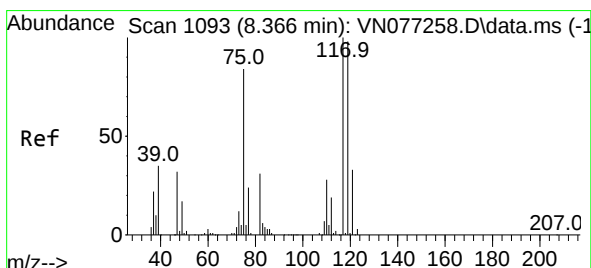
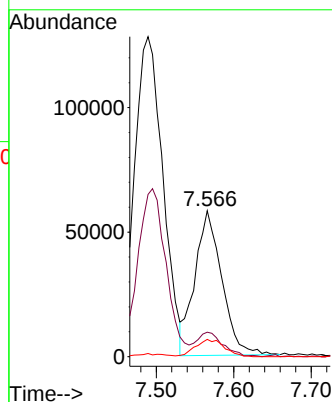
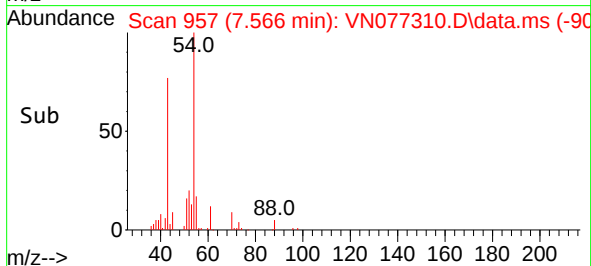


Tgt Ion:	43	Resp:	14123
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.2
70	12.7	10.0	15.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#38

Carbon Tetrachloride

Concen: 19.409 ug/l

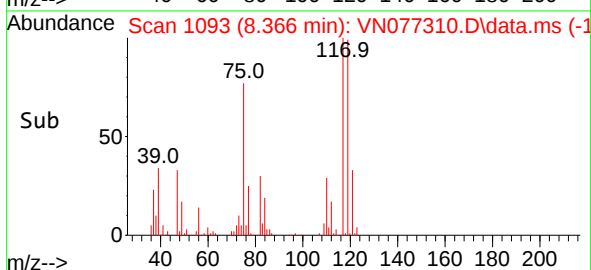
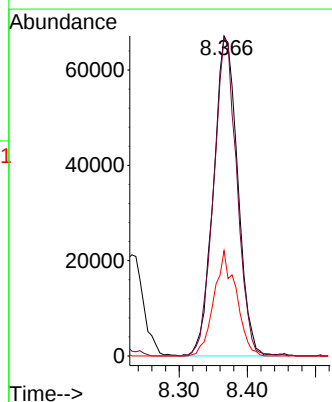
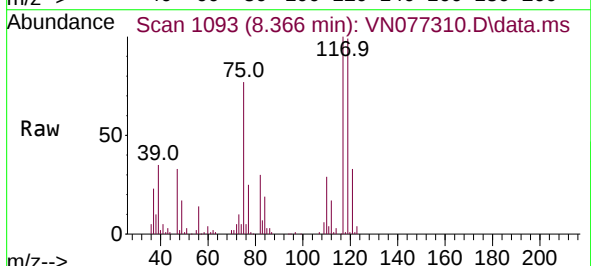
RT: 8.366 min Scan# 1093

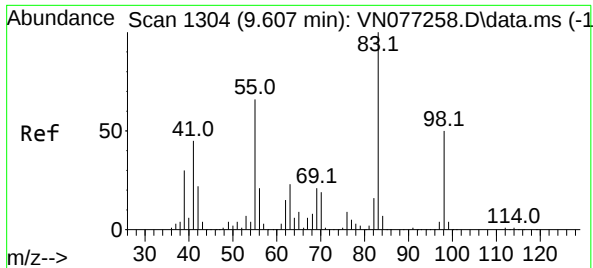
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Tgt Ion:	117	Resp:	165918
Ion	Ratio	Lower	Upper
117	100		
119	99.3	78.5	117.7
121	32.9	26.6	40.0





#39

Methylcyclohexane

Concen: 18.857 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

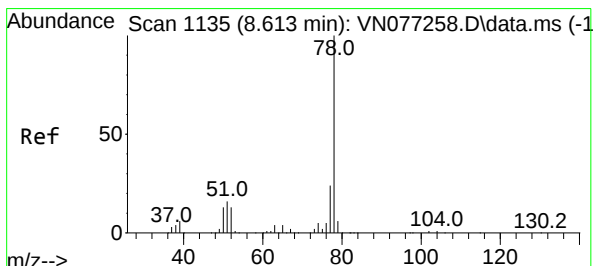
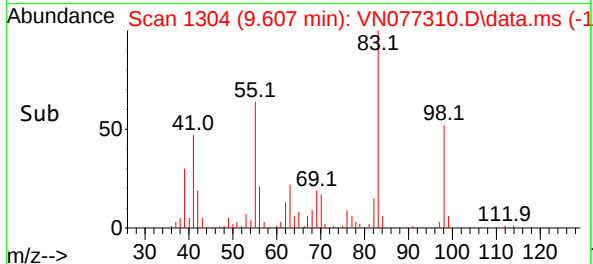
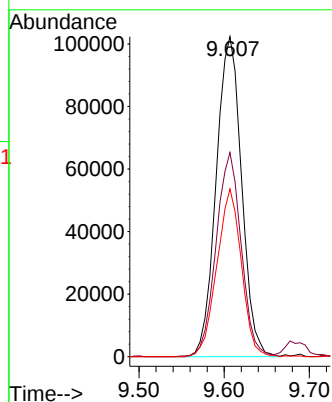
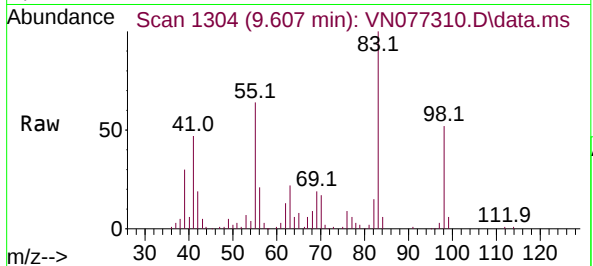
Tgt Ion: 83	Resp: 21216
Ion Ratio	Lower Upper
83 100	
55 63.6	52.4 78.6
98 52.4	39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#40

Benzene

Concen: 18.852 ug/l

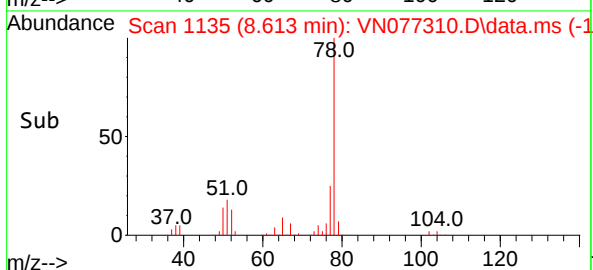
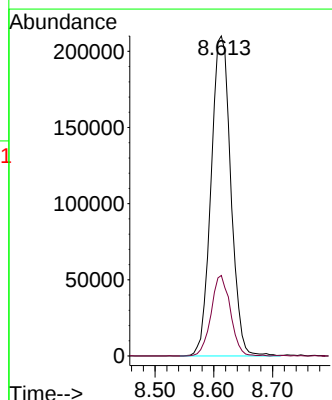
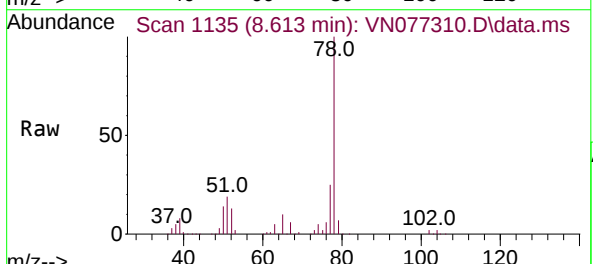
RT: 8.613 min Scan# 1135

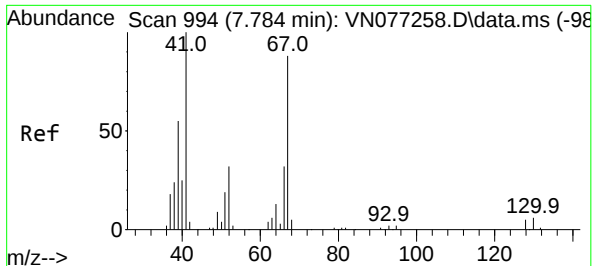
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

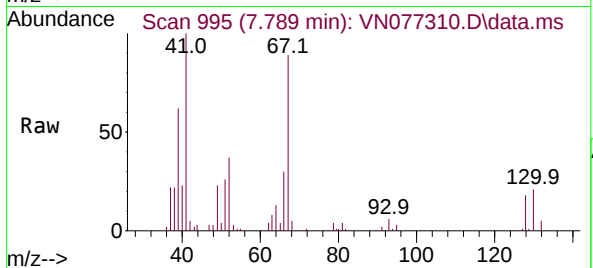
Tgt Ion: 78	Resp: 490638
Ion Ratio	Lower Upper
78 100	
77 25.2	19.5 29.3





#41
Methacrylonitrile
Concen: 18.179 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

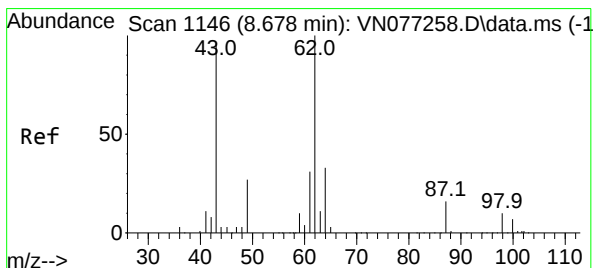
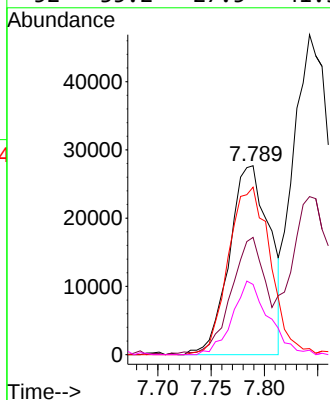
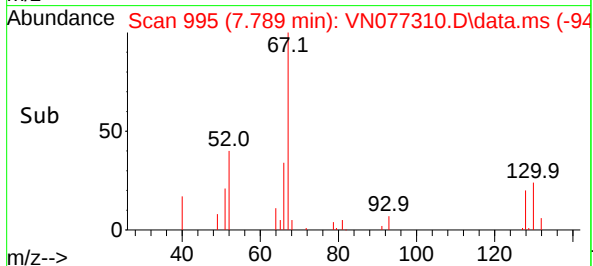
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 41 Resp: 72950
Ion Ratio Lower Upper
41 100
39 52.5 44.1 66.1
67 93.0 71.4 107.2
52 35.2 27.5 41.3

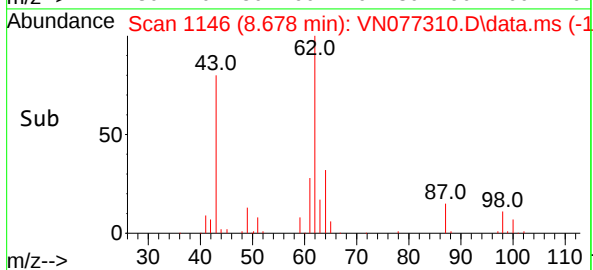
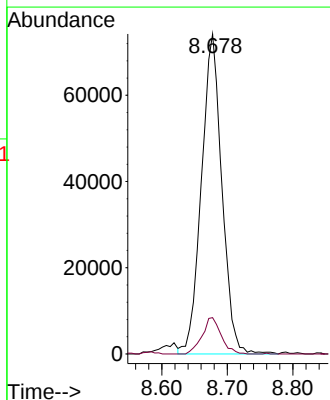
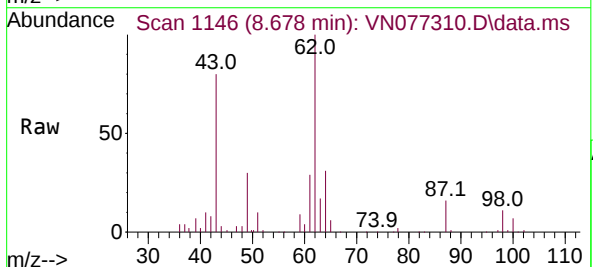
Manual Integrations
APPROVED

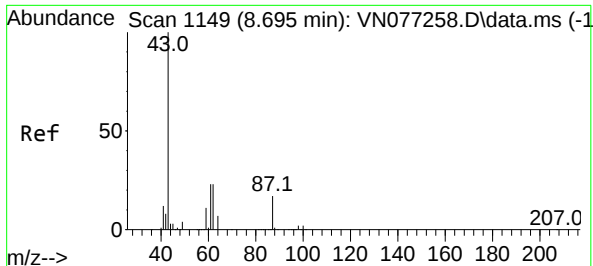
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#42
1,2-Dichloroethane
Concen: 20.125 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion: 62 Resp: 161197
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 18.093 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

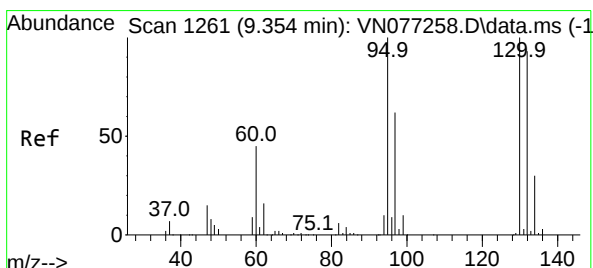
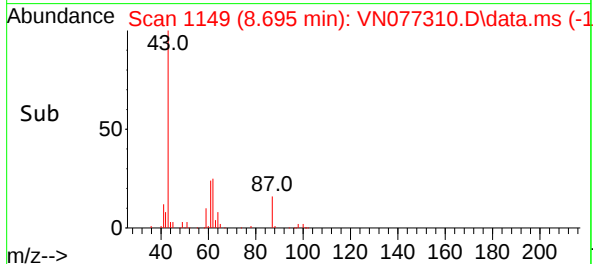
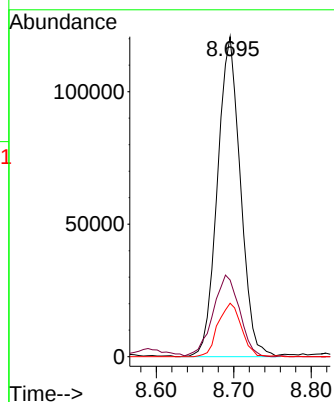
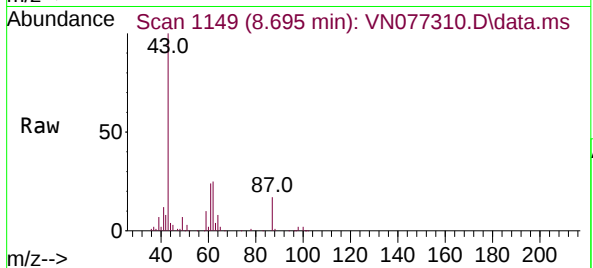
Tgt Ion:	43	Resp:	24923
Ion Ratio	Lower	Upper	
43	100		
61	29.5	22.7	34.1
87	17.1	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#44

Trichloroethene

Concen: 19.605 ug/l

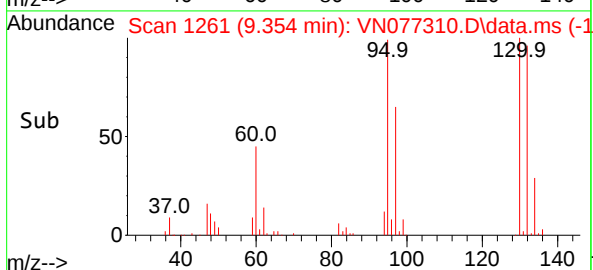
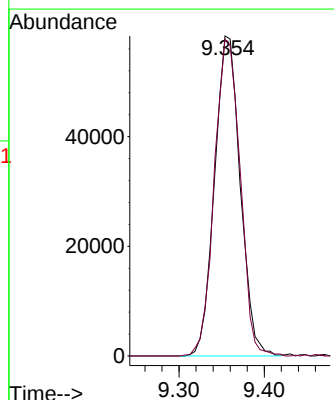
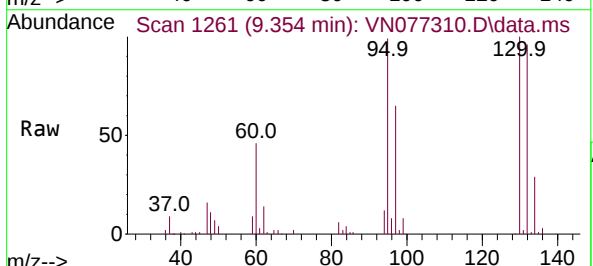
RT: 9.354 min Scan# 1261

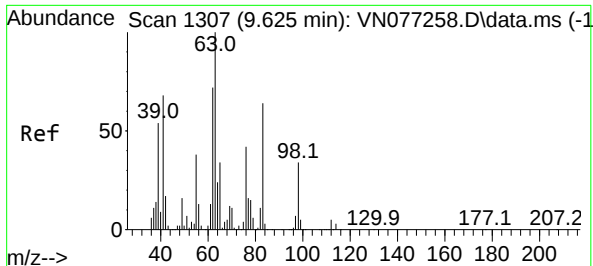
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Tgt Ion:	130	Resp:	122085
Ion Ratio	Lower	Upper	
130	100		
95	98.9	0.0	200.2





#45

1,2-Dichloropropane

Concen: 19.550 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

Tgt Ion: 63 Resp: 12083

Ion Ratio Lower Upper

63 100

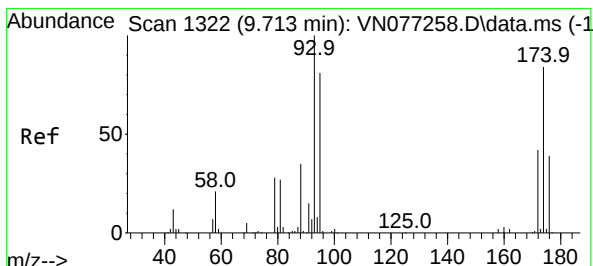
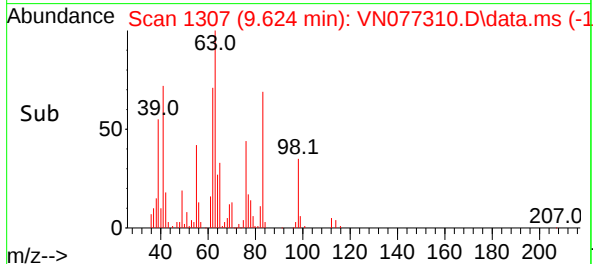
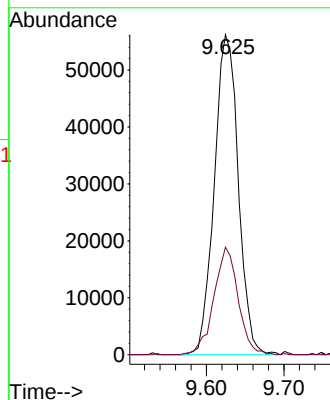
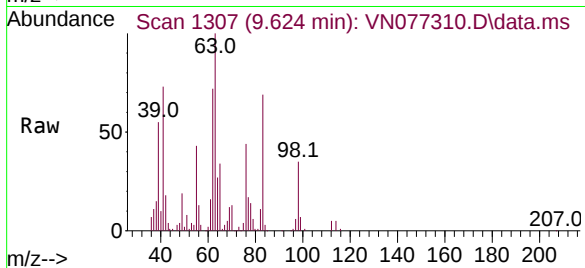
65 33.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#46

Dibromomethane

Concen: 19.884 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

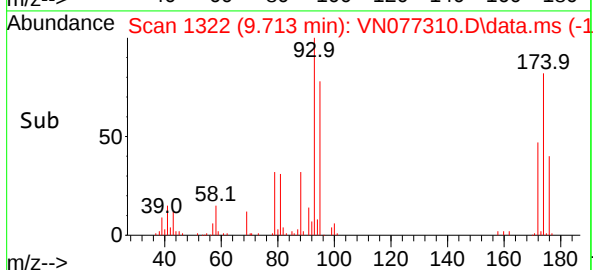
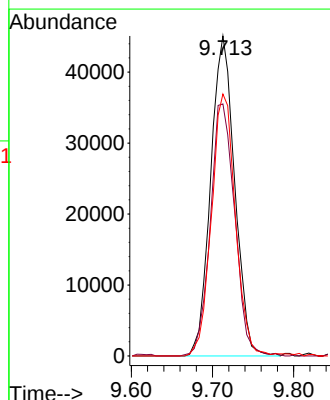
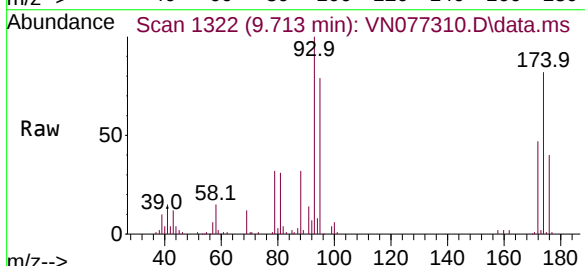
Tgt Ion: 93 Resp: 92600

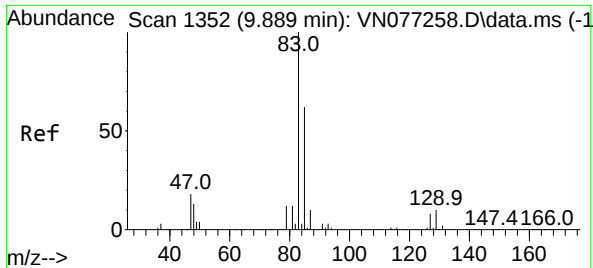
Ion Ratio Lower Upper

93 100

95 80.3 65.8 98.6

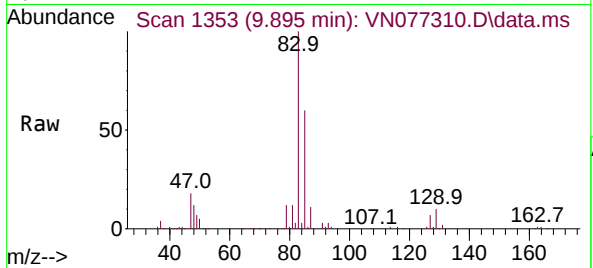
174 81.6 66.0 99.0





#47
Bromodichloromethane
Concen: 19.195 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

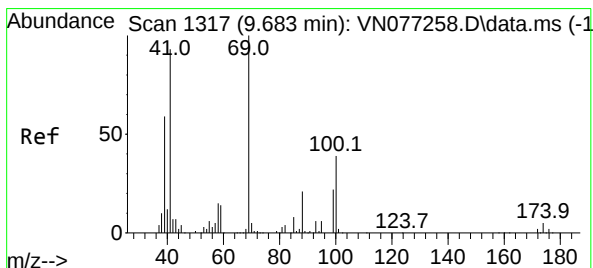
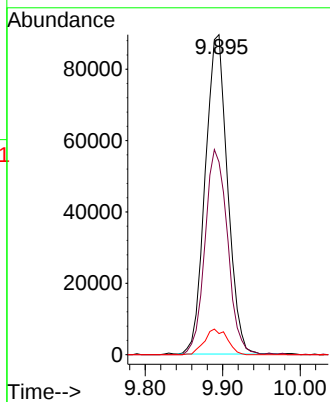
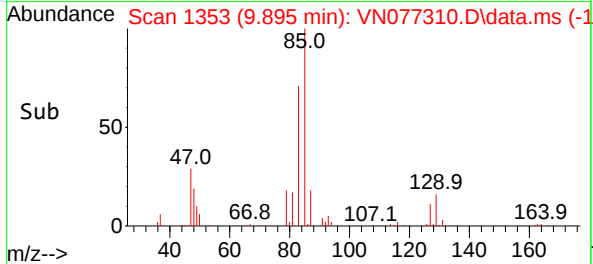
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



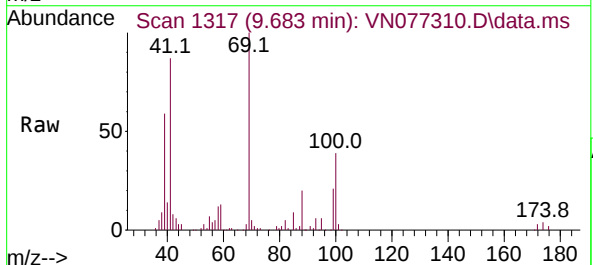
Tgt Ion: 83 Resp: 178660
Ion Ratio Lower Upper
83 100
85 60.3 49.8 74.8
127 6.6 6.2 9.2

Manual Integrations
APPROVED

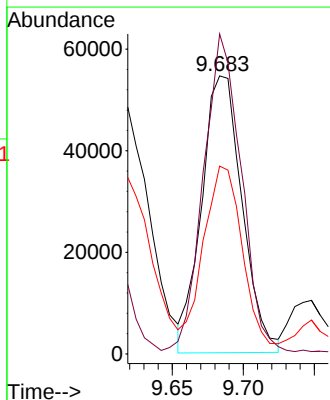
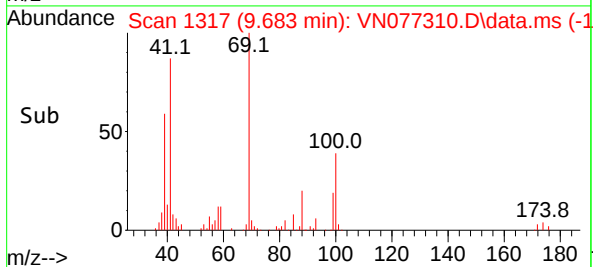
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

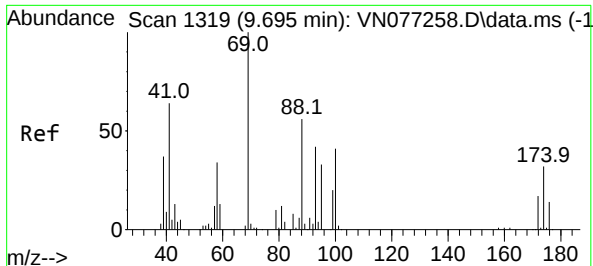


#48
Methyl methacrylate
Concen: 18.438 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



Tgt Ion: 41 Resp: 108347
Ion Ratio Lower Upper
41 100
69 106.8 85.0 127.6
39 66.9 53.5 80.3





#49

1,4-Dioxane

Concen: 357.190 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

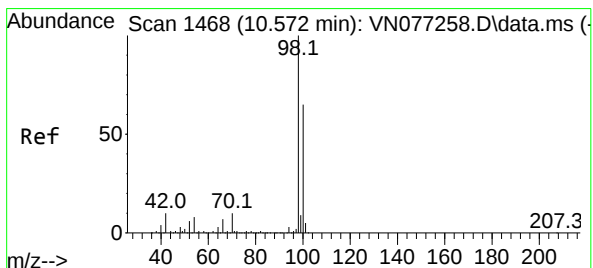
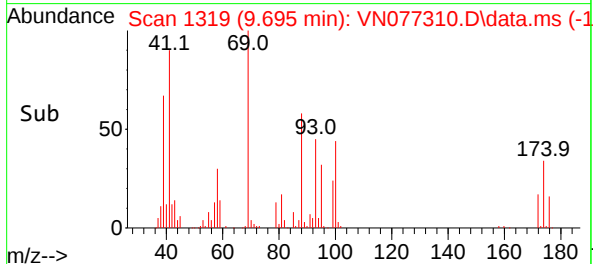
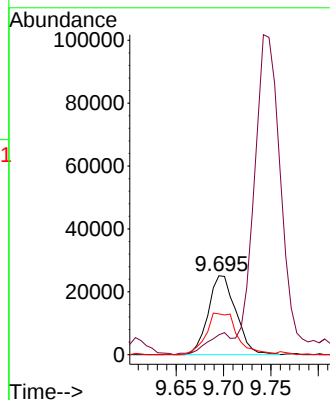
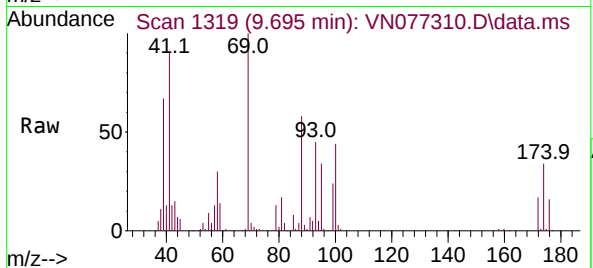
Tgt Ion:	88	Resp:	50889
Ion Ratio	Lower	Upper	
88	100		
43	23.1	17.0	25.6
58	59.0	49.8	74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#50

Toluene-d8

Concen: 42.382 ug/l

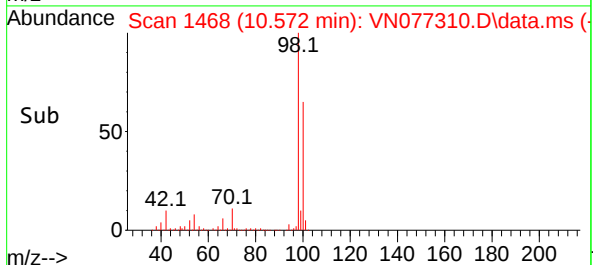
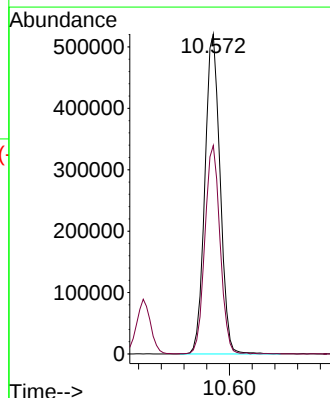
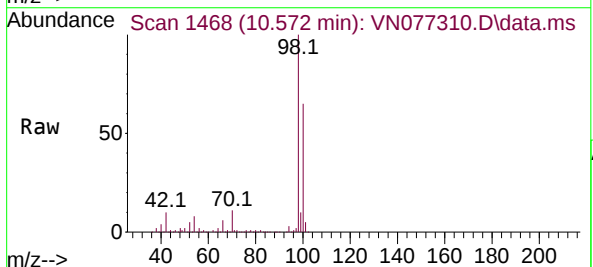
RT: 10.572 min Scan# 1468

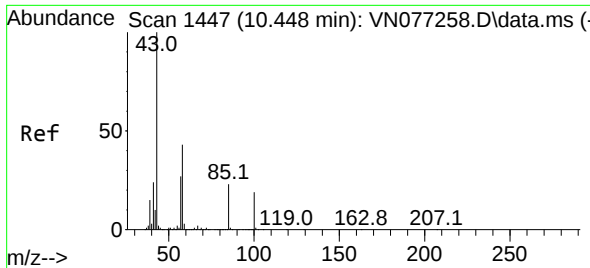
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

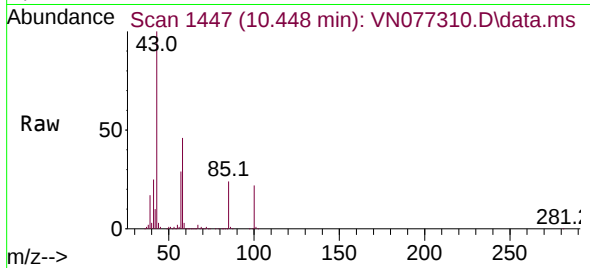
Tgt Ion:	98	Resp:	962531
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.3	76.9





#51
4-Methyl-2-Pentanone
Concen: 92.104 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

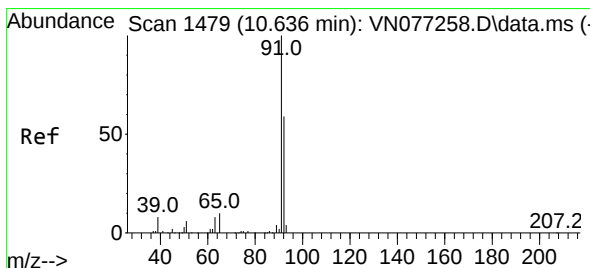
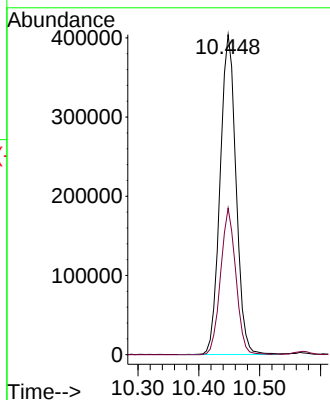
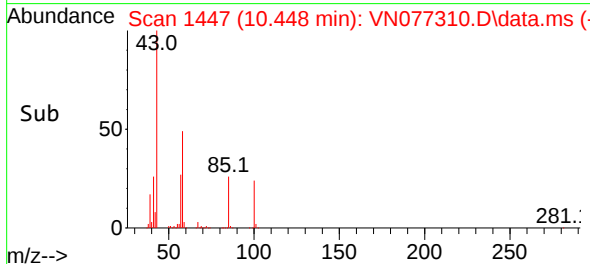
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 43 Resp: 73336
Ion Ratio Lower Upper
43 100
58 43.8 34.6 52.0

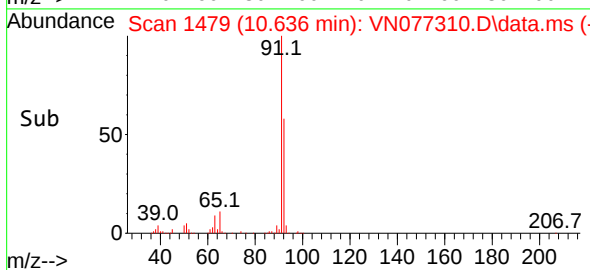
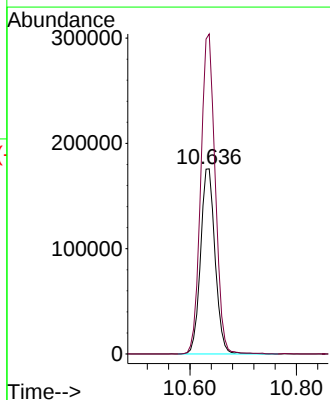
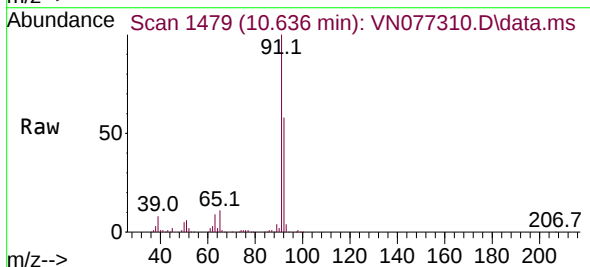
Manual Integrations
APPROVED

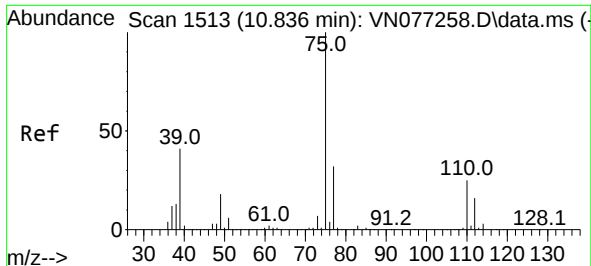
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#52
Toluene
Concen: 19.500 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

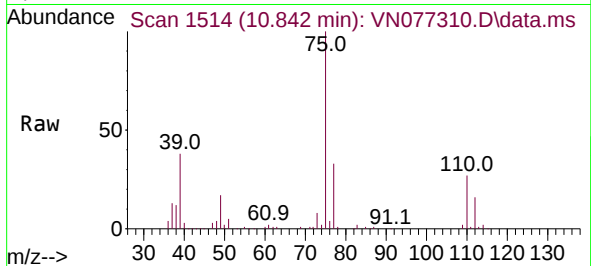
Tgt Ion: 92 Resp: 332171
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 19.803 ug/l
 RT: 10.842 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17

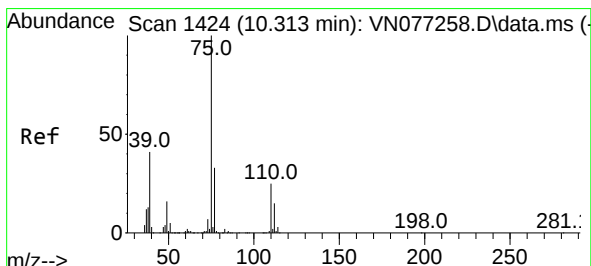
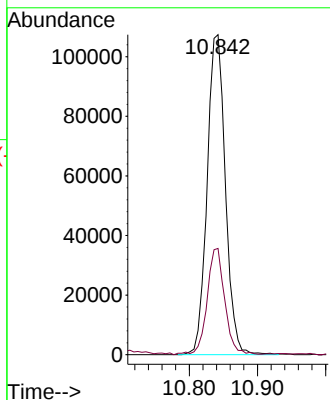
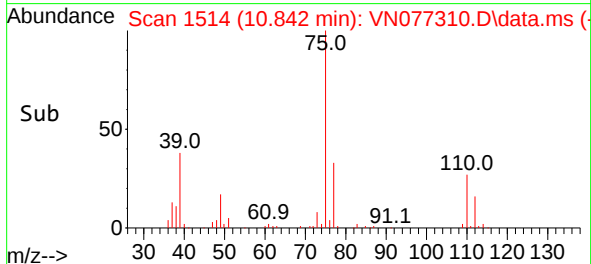
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



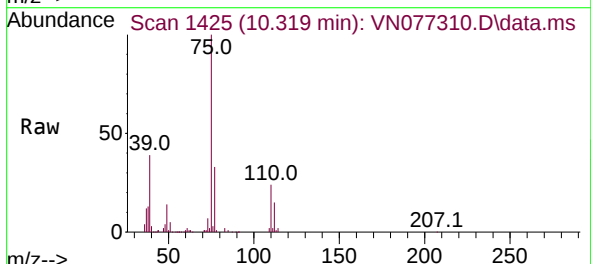
Tgt Ion: 75 Resp: 20016
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0

Manual Integrations
 APPROVED

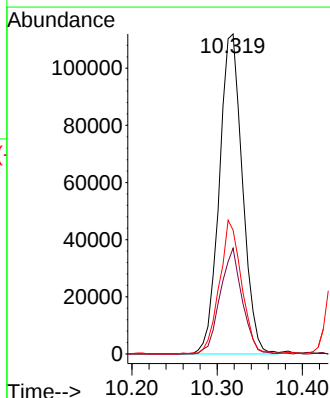
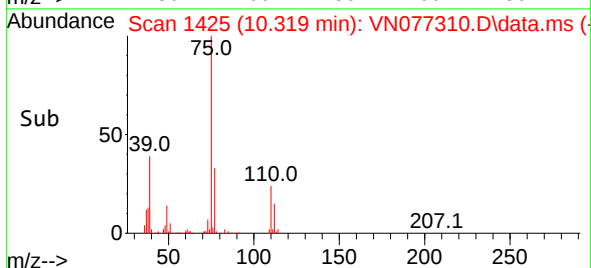
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

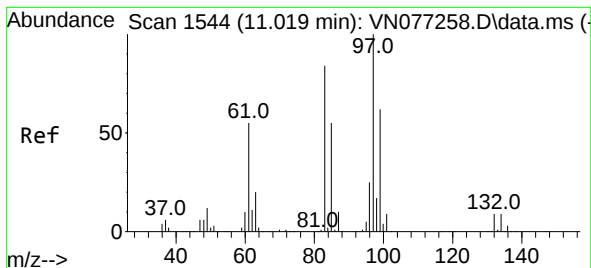


#54
 cis-1,3-Dichloropropene
 Concen: 19.686 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17



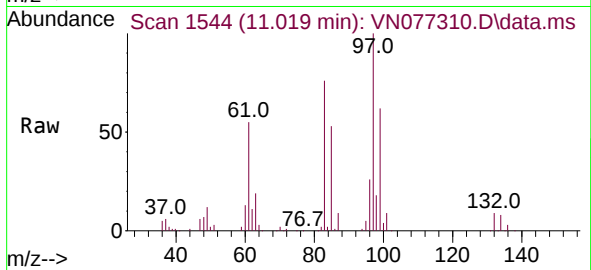
Tgt Ion: 75 Resp: 211950
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.7 40.1
 39 38.7 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 19.908 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

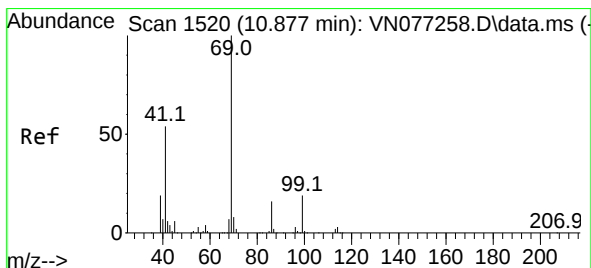
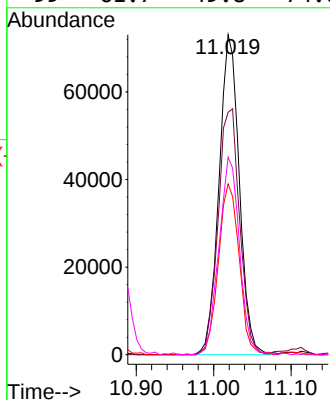
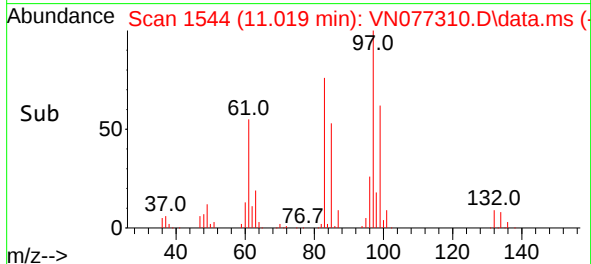
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



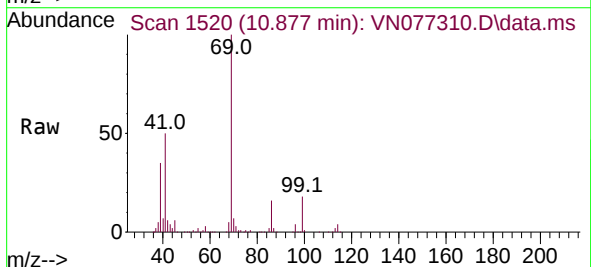
Tgt Ion:	97	Resp:	133120
Ion Ratio	100	Lower	Upper
97	100		
83	75.5	67.4	101.2
85	53.4	44.1	66.1
99	61.7	49.8	74.6

Manual Integrations
APPROVED

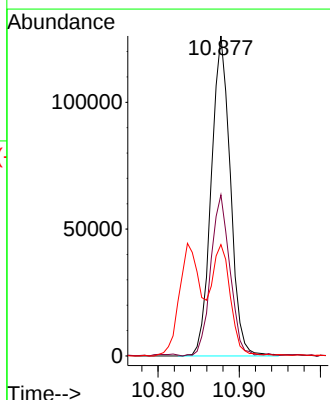
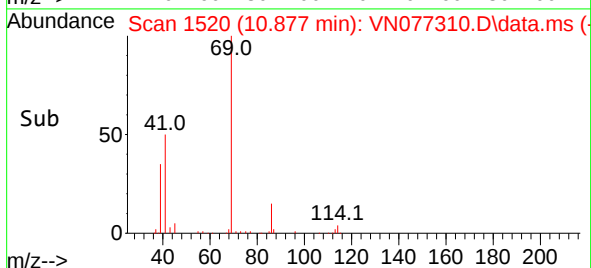
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

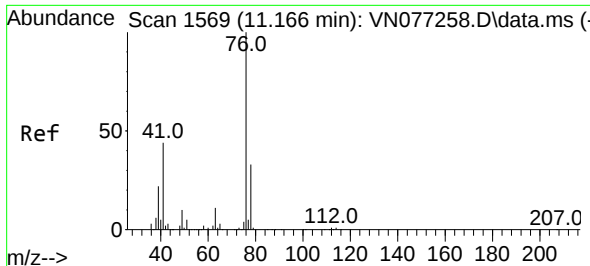


#56
Ethyl methacrylate
Concen: 19.790 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



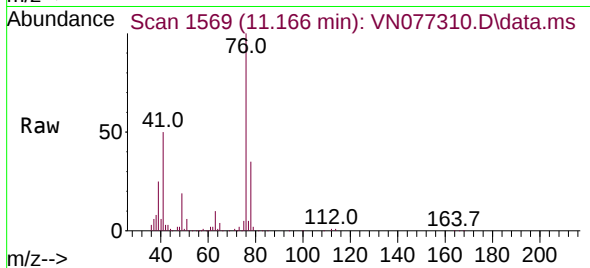
Tgt Ion:	69	Resp:	206116
Ion Ratio	100	Lower	Upper
69	100		
41	50.7	42.8	64.2
39	32.4	27.0	40.4





#57
1,3-Dichloropropane
Concen: 19.661 ug/l
RT: 11.166 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

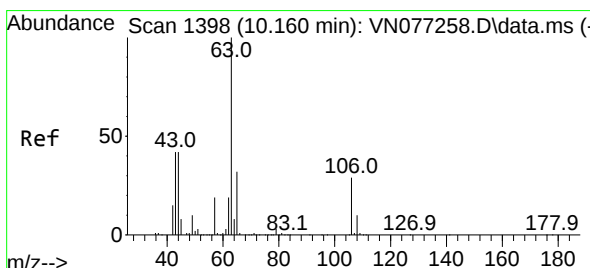
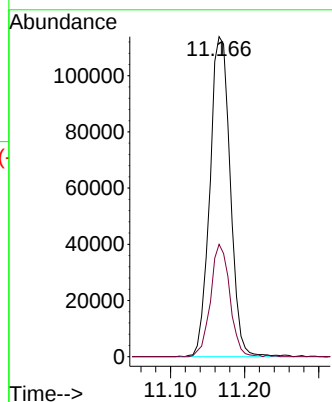
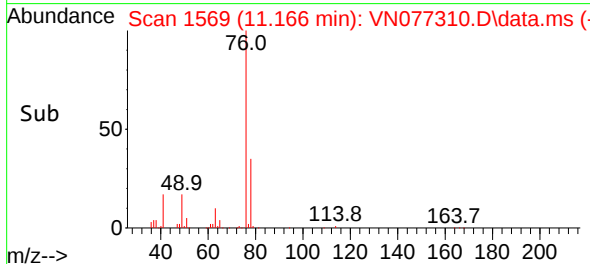
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 76 Resp: 21720
Ion Ratio Lower Upper
76 100
78 33.3 26.2 39.4

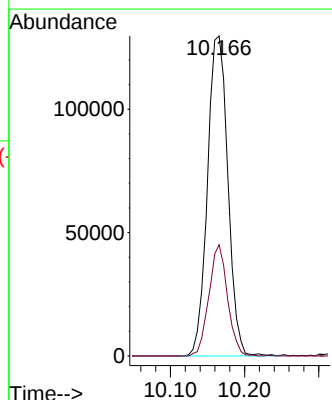
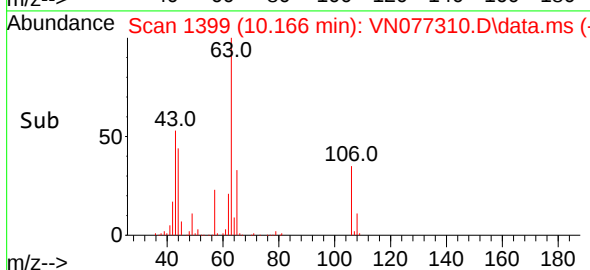
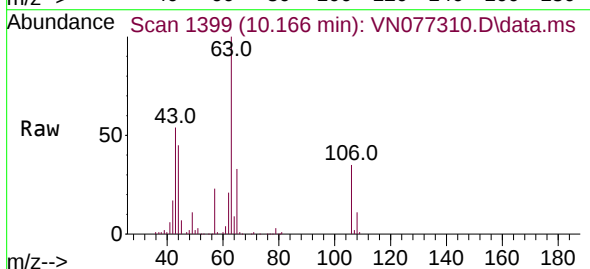
Manual Integrations
APPROVED

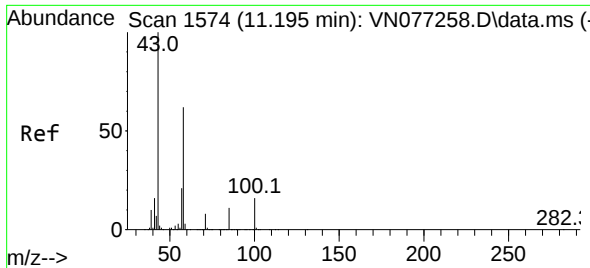
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 79.984 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

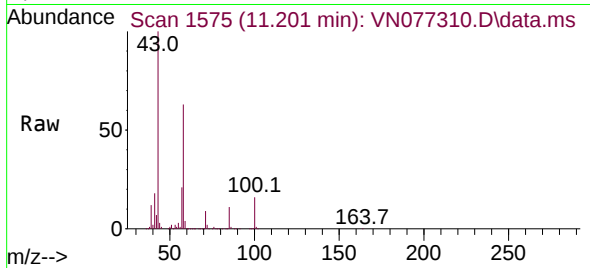
Tgt Ion: 63 Resp: 247988
Ion Ratio Lower Upper
63 100
106 31.6 24.1 36.1





#59
2-Hexanone
Concen: 91.654 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

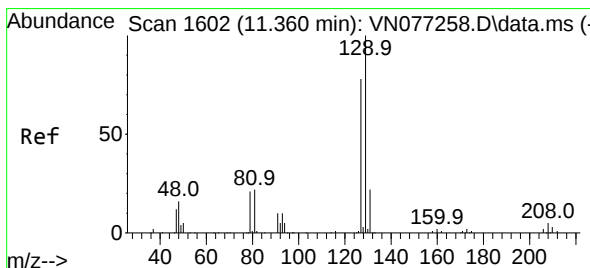
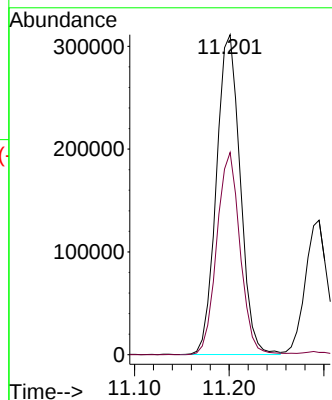
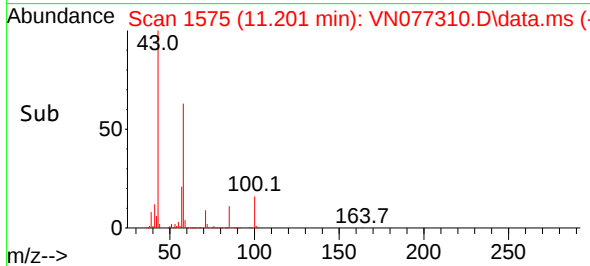
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 43 Resp: 543692
Ion Ratio Lower Upper
43 100
58 61.8 30.9 92.5

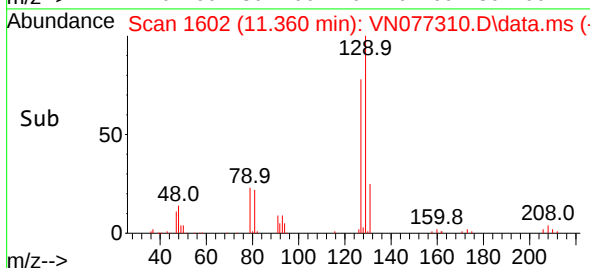
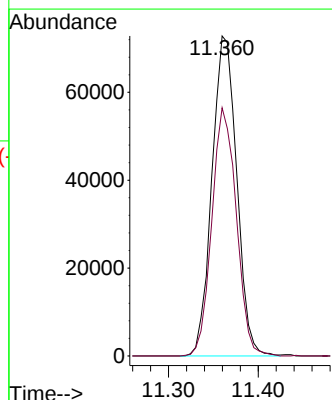
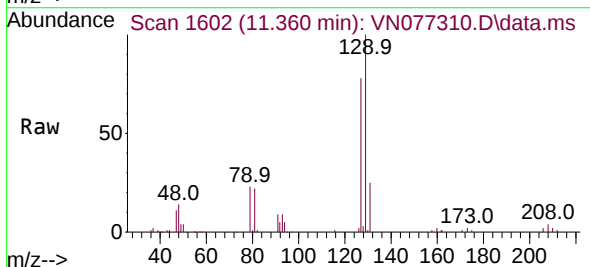
Manual Integrations
APPROVED

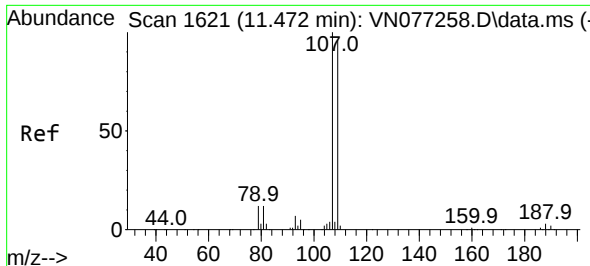
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#60
Dibromochloromethane
Concen: 20.286 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

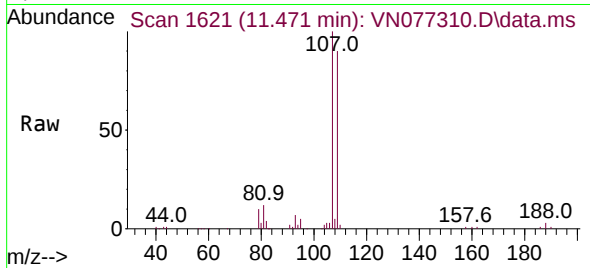
Tgt Ion:129 Resp: 139711
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.5





#61
1,2-Dibromoethane
Concen: 19.881 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

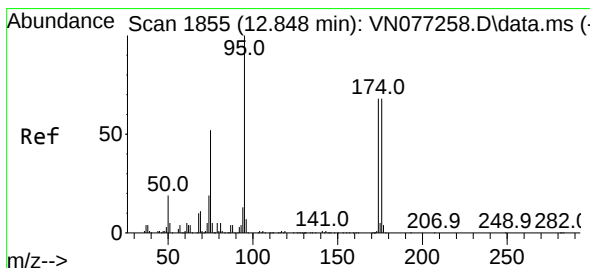
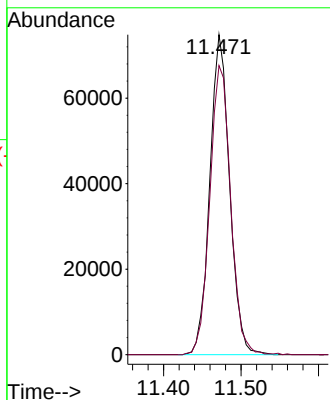
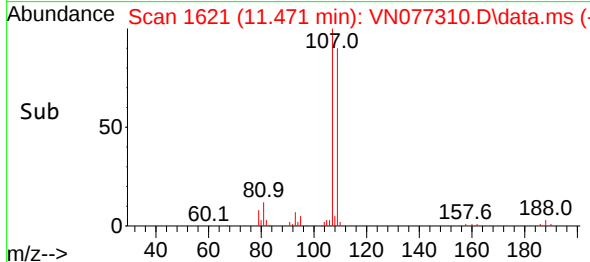
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



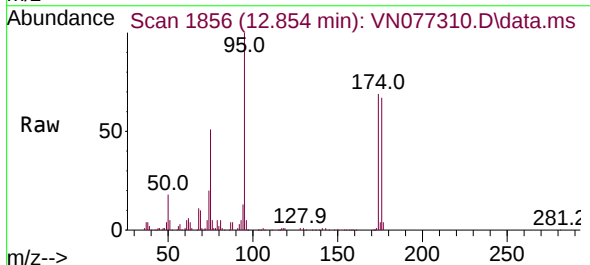
Tgt Ion:107 Resp: 132690
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations
APPROVED

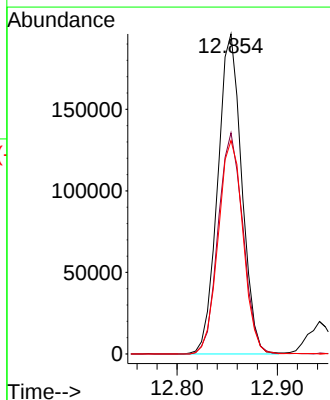
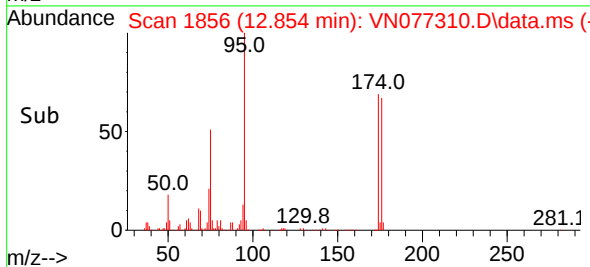
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

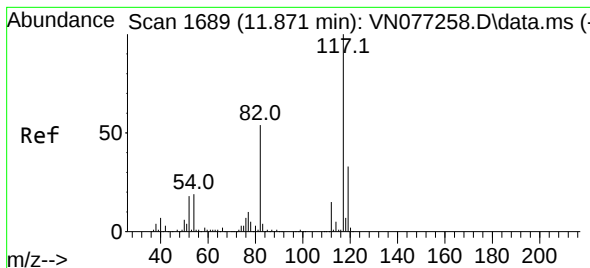


#62
4-Bromofluorobenzene
Concen: 43.263 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



Tgt Ion: 95 Resp: 326782
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.8
176 68.8 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

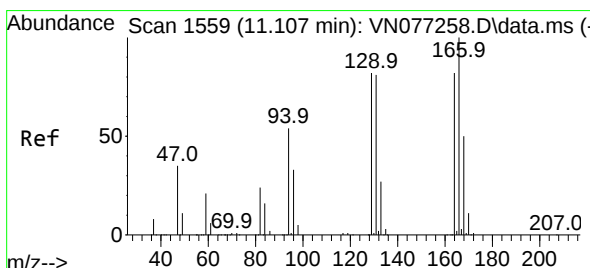
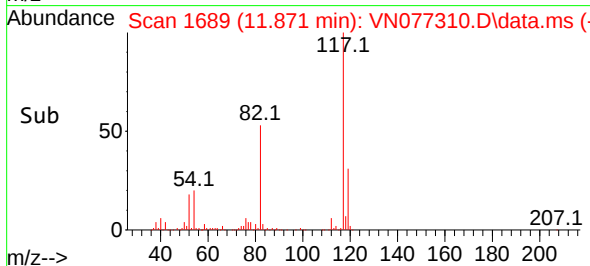
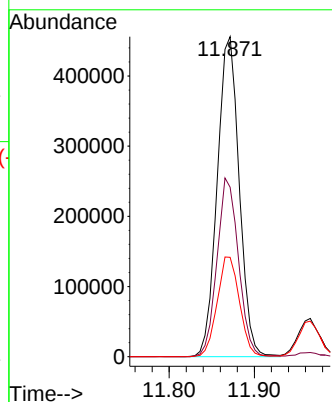
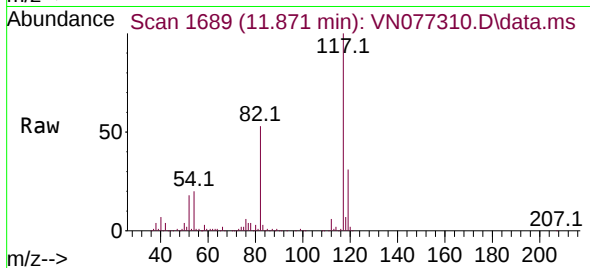
Tgt Ion:	117	Resp:	81766
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.9	64.3
119	31.0	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#64

Tetrachloroethene

Concen: 19.046 ug/l

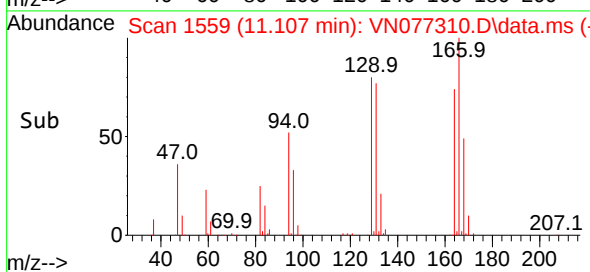
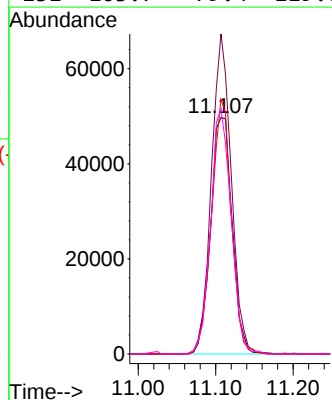
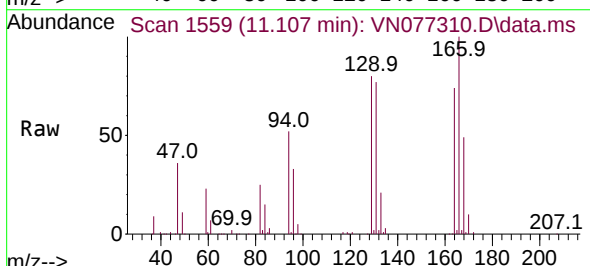
RT: 11.107 min Scan# 1559

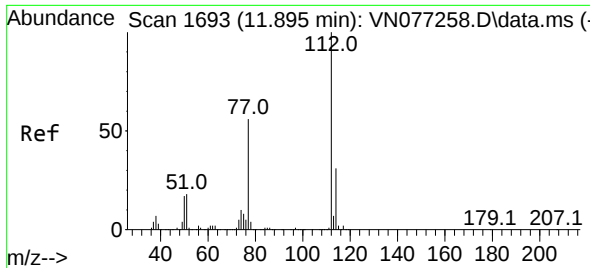
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

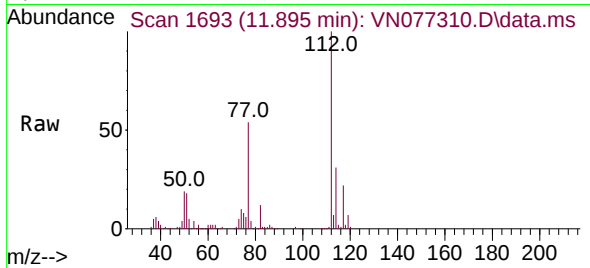
Tgt Ion:	164	Resp:	96204
Ion Ratio	Lower	Upper	
164	100		
166	135.3	97.8	146.6
129	107.8	80.1	120.1
131	103.7	79.4	119.0





#65
Chlorobenzene
Concen: 19.471 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

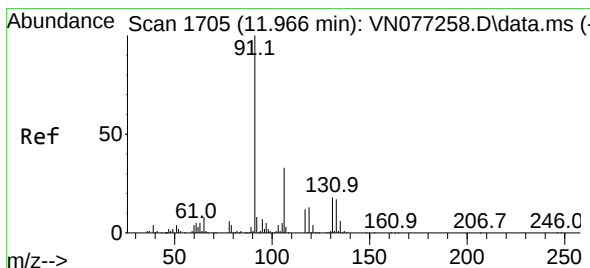
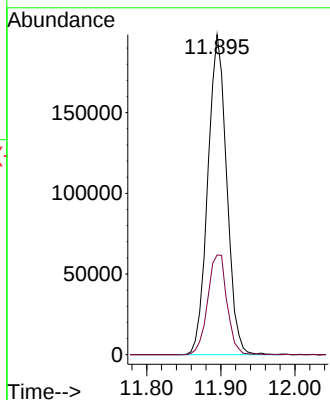
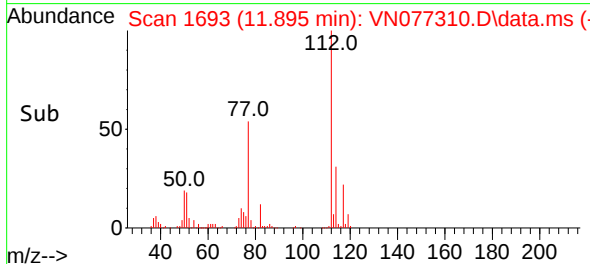
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



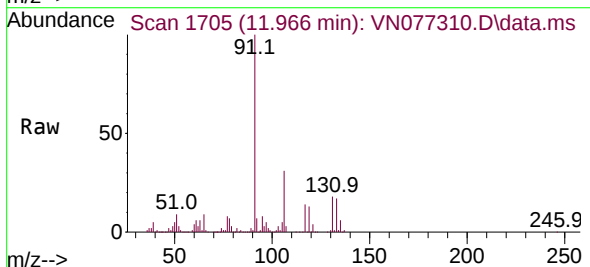
Tgt Ion:112 Resp: 35051
Ion Ratio Lower Upper
112 100
114 31.2 24.6 36.8

Manual Integrations
APPROVED

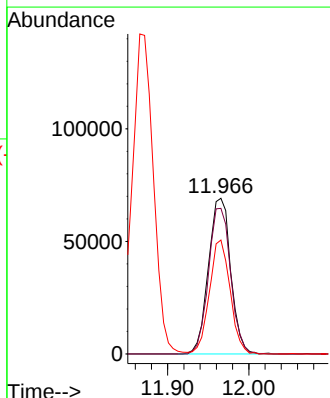
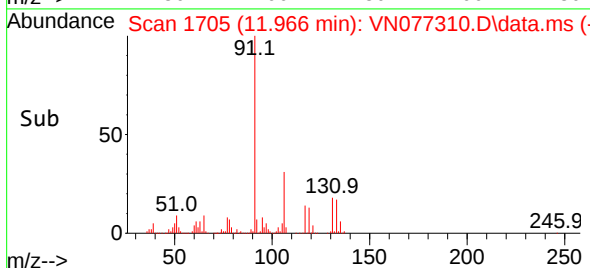
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

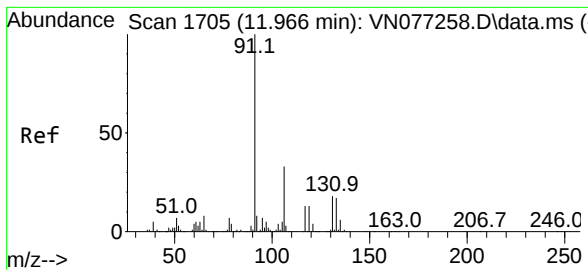


#66
1,1,1,2-Tetrachloroethane
Concen: 19.351 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



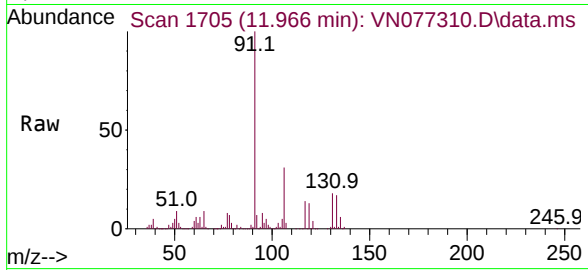
Tgt Ion:131 Resp: 131808
Ion Ratio Lower Upper
131 100
133 93.4 46.9 140.6
119 68.2 34.0 102.0





#67
Ethyl Benzene
Concen: 19.107 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

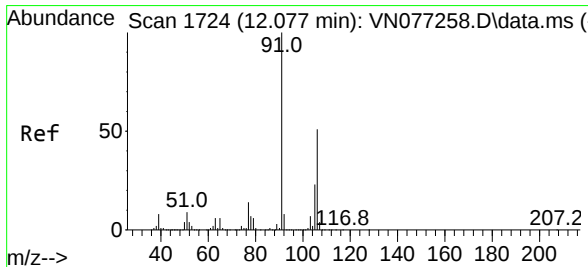
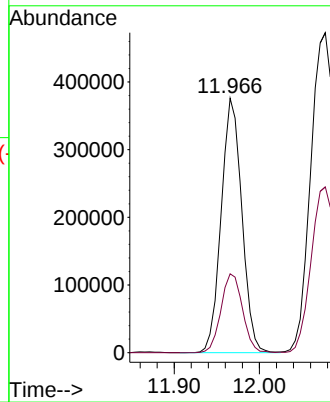
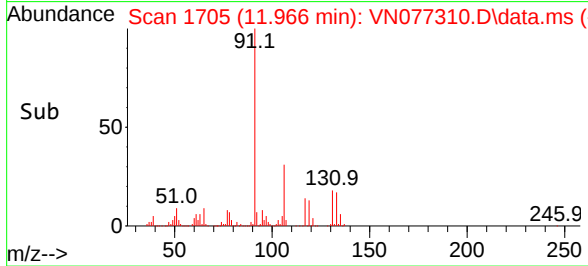
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



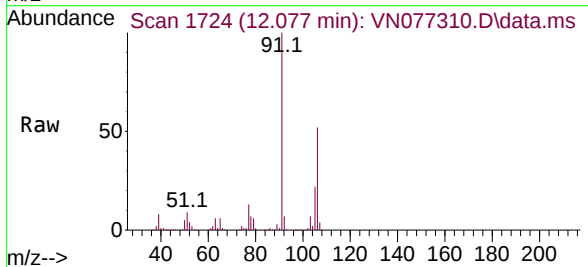
Tgt Ion: 91 Resp: 634720
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.2

Manual Integrations
APPROVED

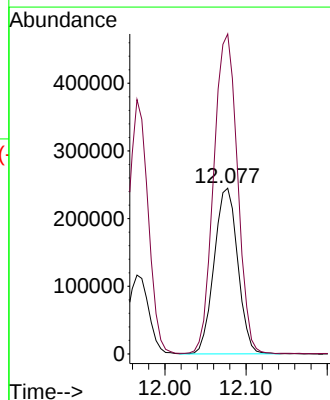
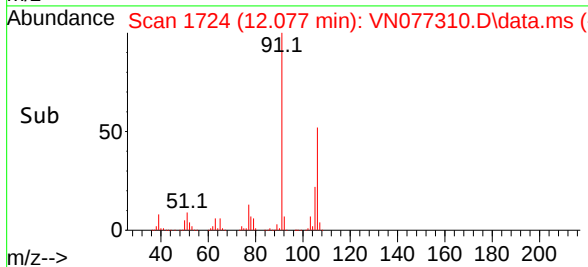
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

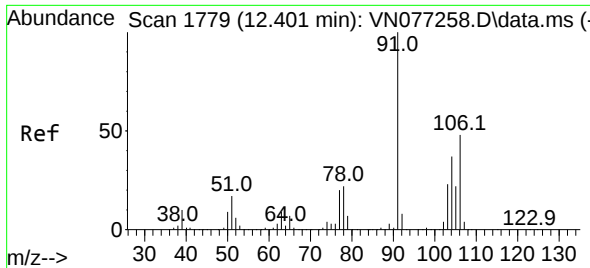


#68
m/p-Xylenes
Concen: 37.882 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



Tgt Ion:106 Resp: 494457
Ion Ratio Lower Upper
106 100
91 194.8 158.7 238.1





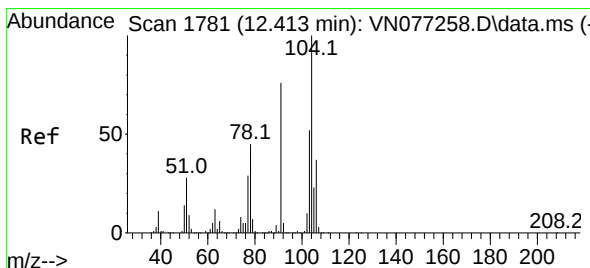
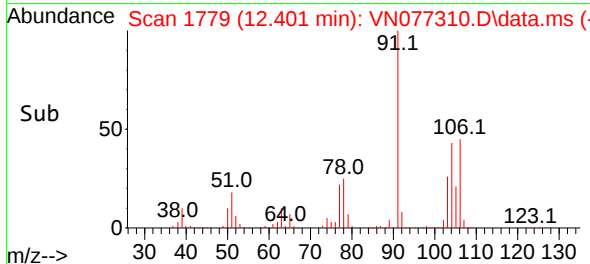
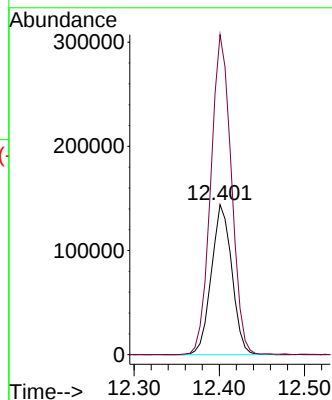
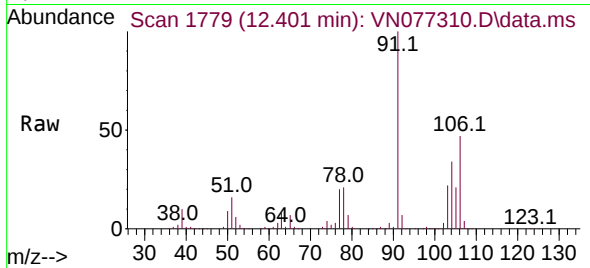
#69
o-Xylene
Concen: 18.674 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion:106 Resp: 240454
Ion Ratio Lower Upper
106 100
91 214.8 104.0 312.0

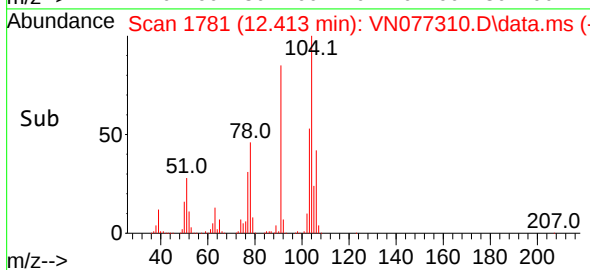
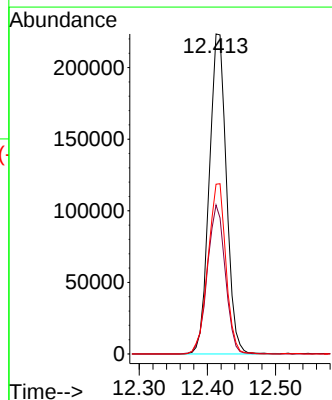
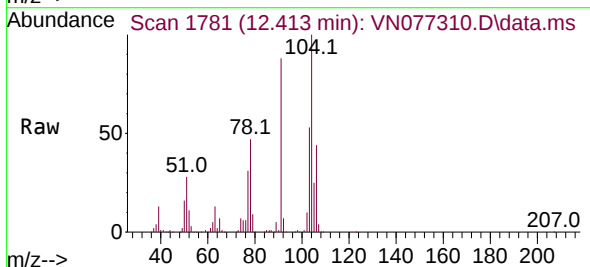
Manual Integrations
APPROVED

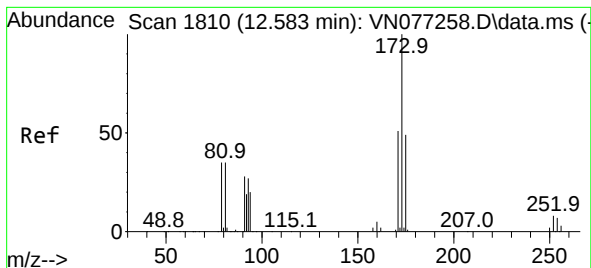
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#70
Styrene
Concen: 18.934 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion:104 Resp: 392348
Ion Ratio Lower Upper
104 100
78 48.4 38.0 57.0
103 55.6 43.1 64.7





#71

Bromoform

Concen: 18.784 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

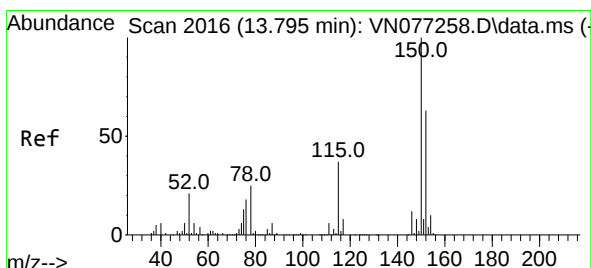
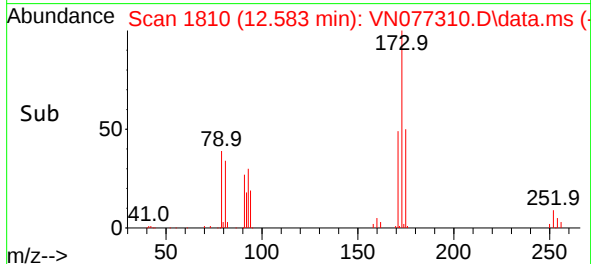
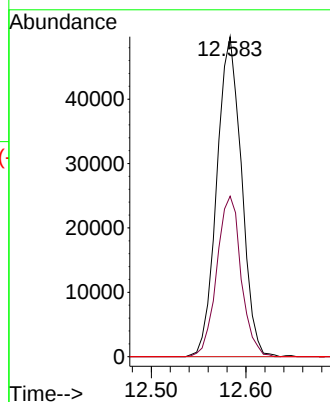
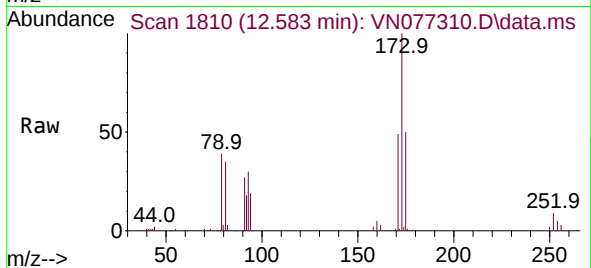
Tgt Ion:	173	Resp:	90064
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.1	72.4
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

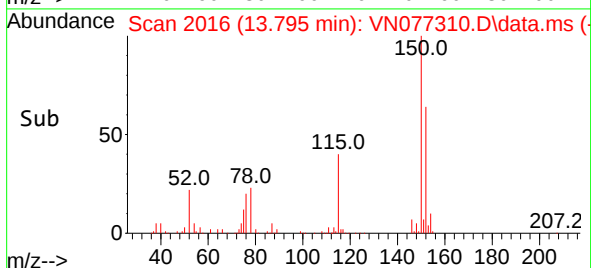
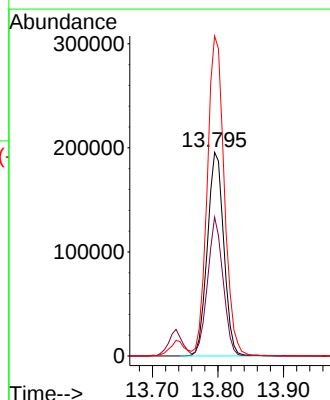
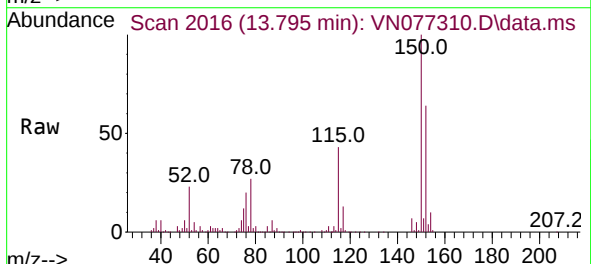
RT: 13.795 min Scan# 1616

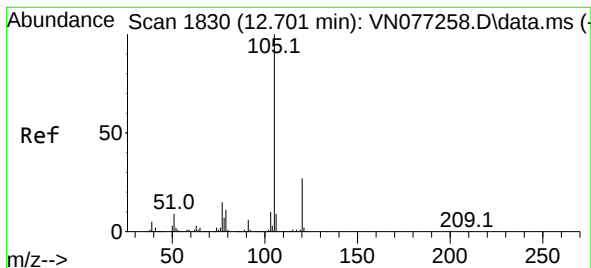
Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Tgt Ion:	152	Resp:	340437
Ion Ratio	Lower	Upper	
152	100		
115	64.6	32.1	96.3
150	163.1	0.0	354.8





#73

Isopropylbenzene

Concen: 18.746 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077310.D

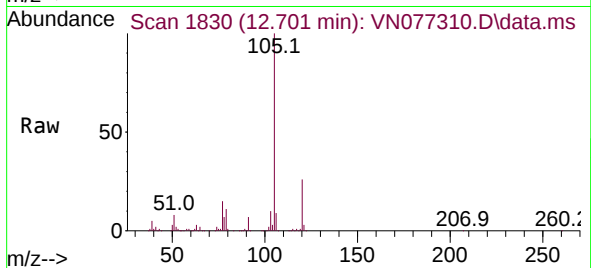
Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02



Tgt Ion:105 Resp: 61986

Ion Ratio Lower Upper

105 100

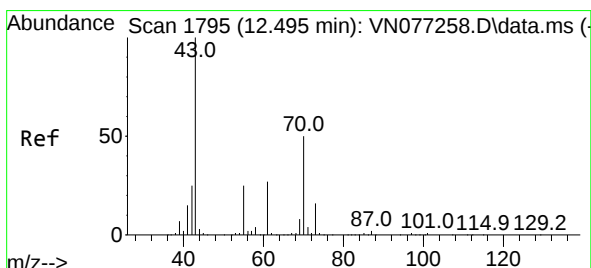
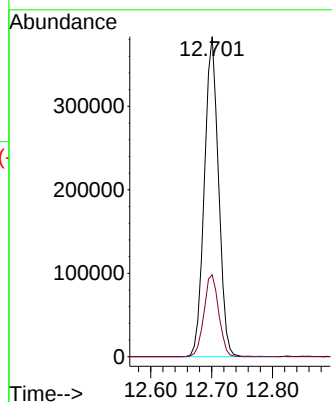
120 26.6 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#74

N-ethyl acetate

Concen: 17.299 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Tgt Ion: 43 Resp: 216770

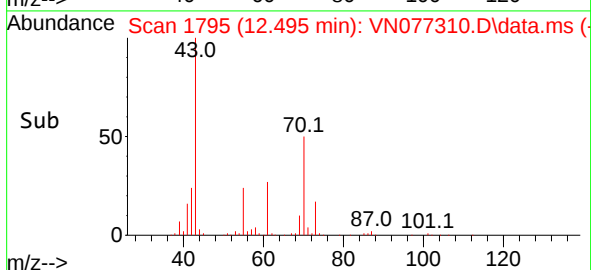
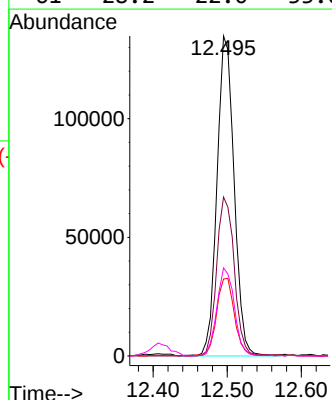
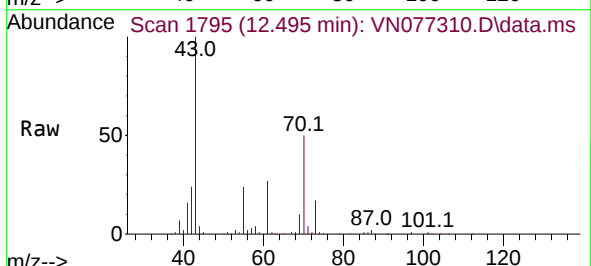
Ion Ratio Lower Upper

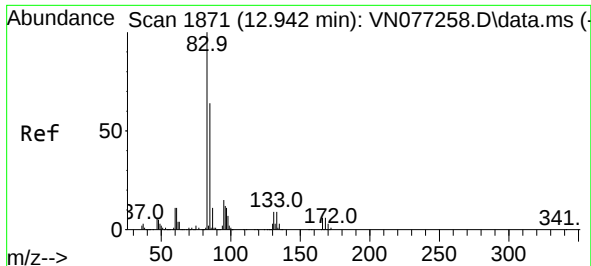
43 100

70 50.9 41.0 61.6

55 25.4 19.3 28.9

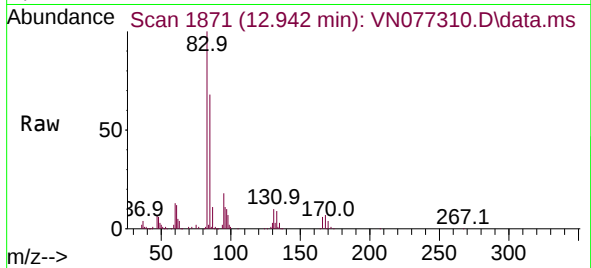
61 28.2 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.660 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

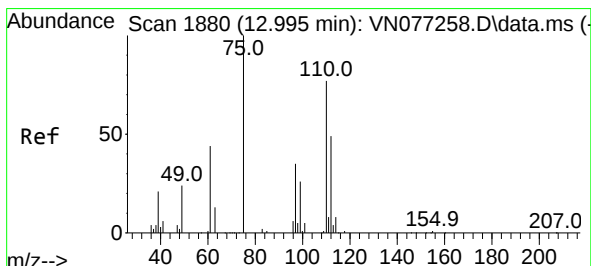
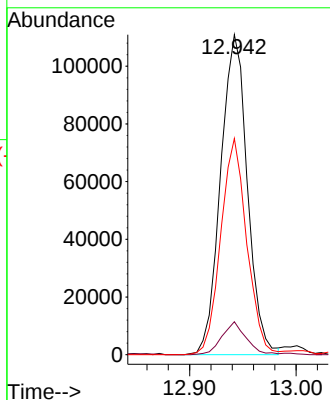
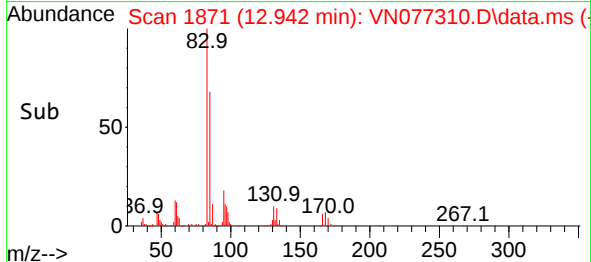
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 83 Resp: 19363
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 65.6 32.1 96.3

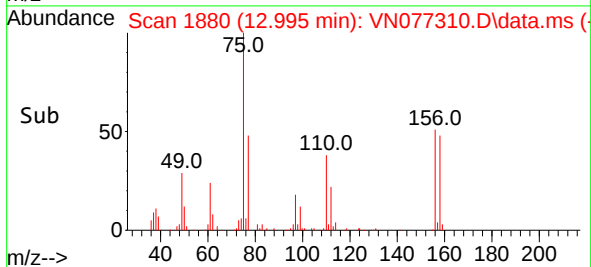
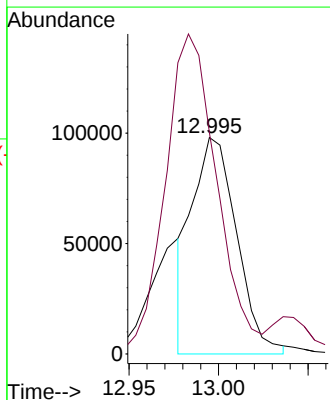
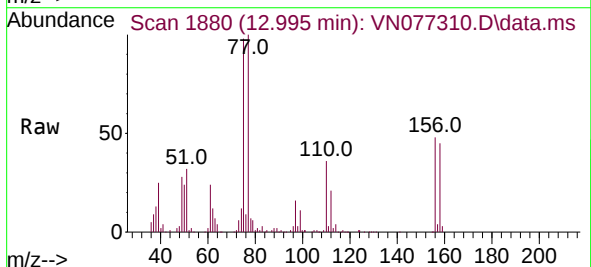
Manual Integrations
APPROVED

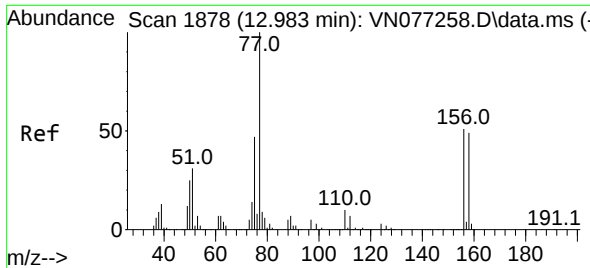
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#76
1,2,3-Trichloropropane
Concen: 21.008 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

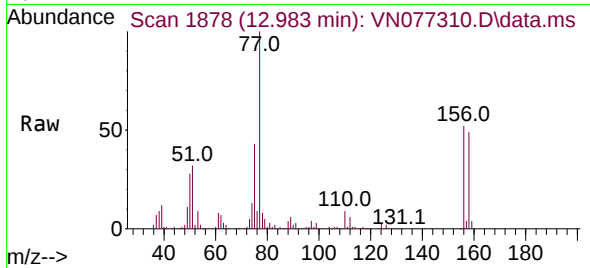
Tgt Ion: 75 Resp: 170306
Ion Ratio Lower Upper
75 100
77 171.6 88.3 264.9





#77
Bromobenzene
Concen: 19.312 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

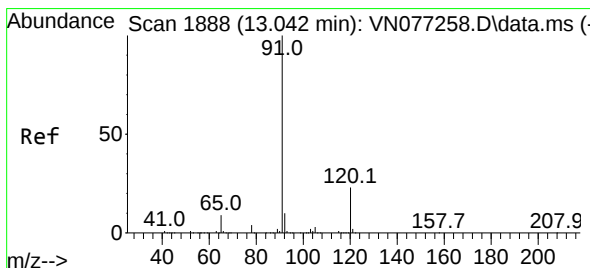
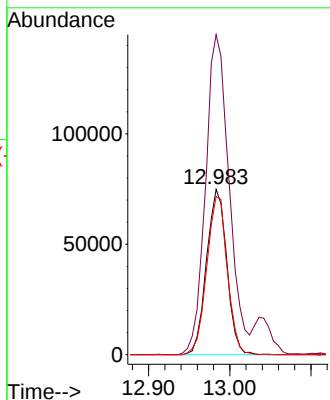
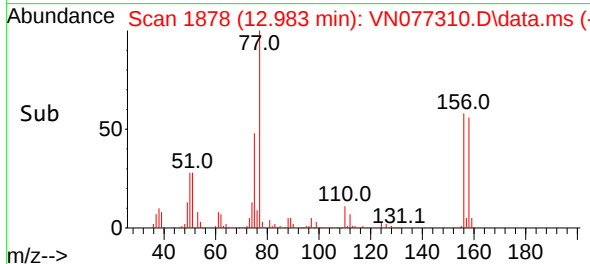
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



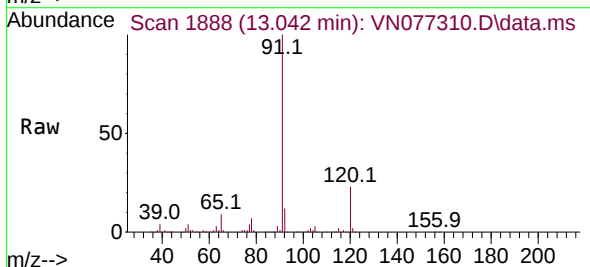
Tgt Ion: 156 Resp: 129849
Ion Ratio Lower Upper
156 100
77 225.1 115.3 345.8
158 96.9 49.3 147.8

Manual Integrations
APPROVED

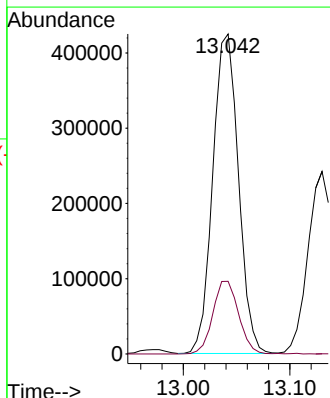
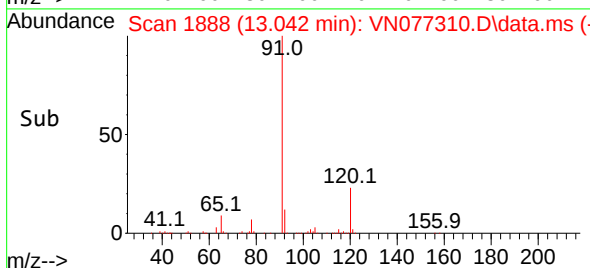
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

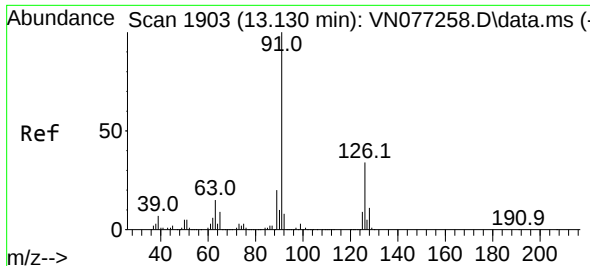


#78
n-propylbenzene
Concen: 19.410 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



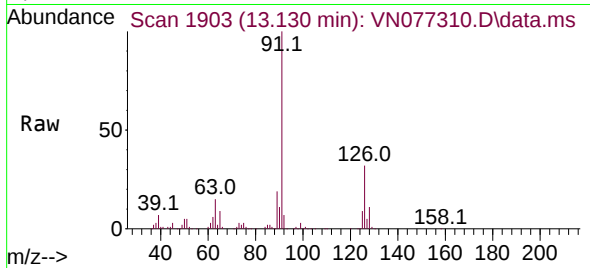
Tgt Ion: 91 Resp: 709175
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





#79
2-Chlorotoluene
Concen: 18.885 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

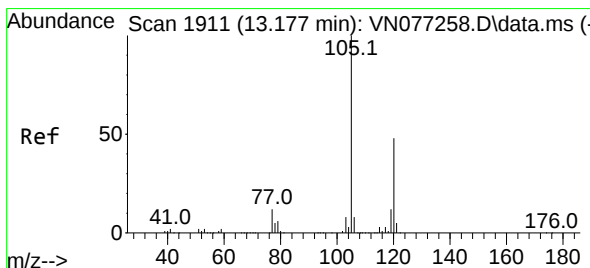
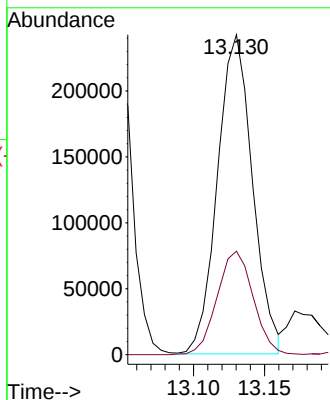
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 91 Resp: 41546
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4

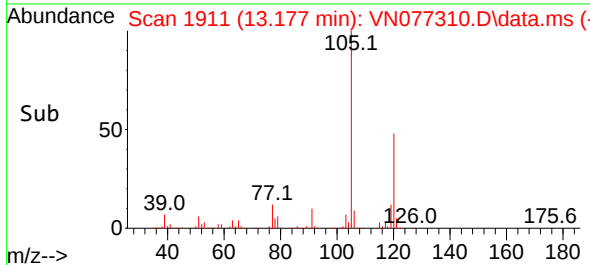
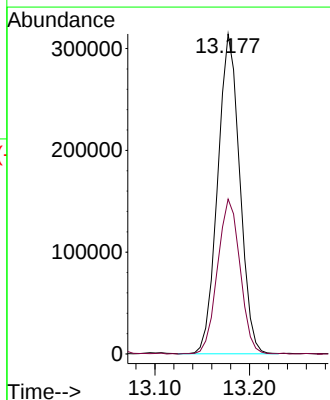
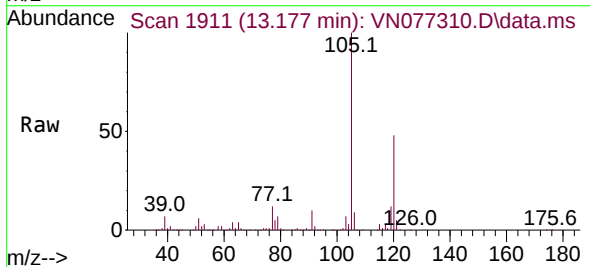
Manual Integrations
APPROVED

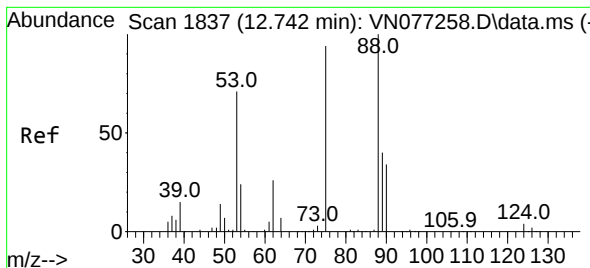
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.287 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion:105 Resp: 509383
Ion Ratio Lower Upper
105 100
120 49.5 24.3 73.0





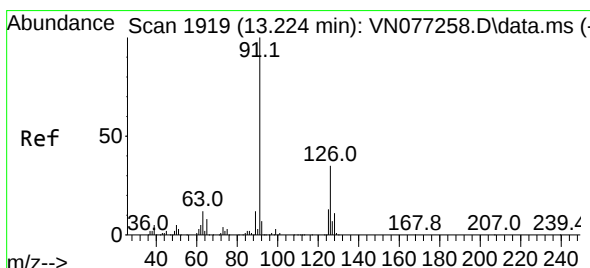
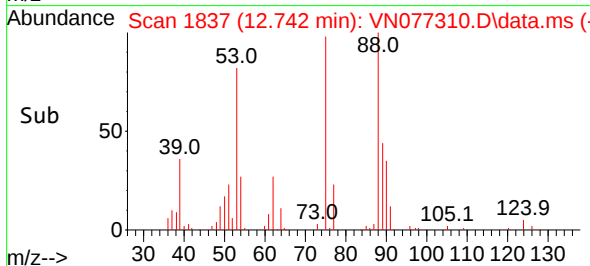
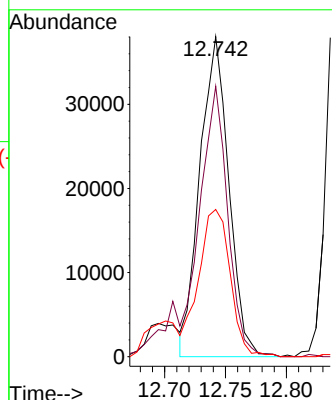
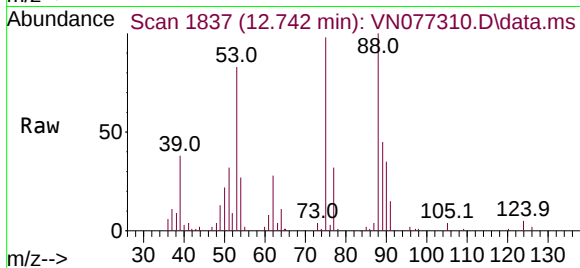
#81
trans-1,4-Dichloro-2-butene
Concen: 17.433 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion: 75 Resp: 6280
Ion Ratio Lower Upper
75 100
53 92.7 72.8 109.2
89 50.5 37.4 56.2

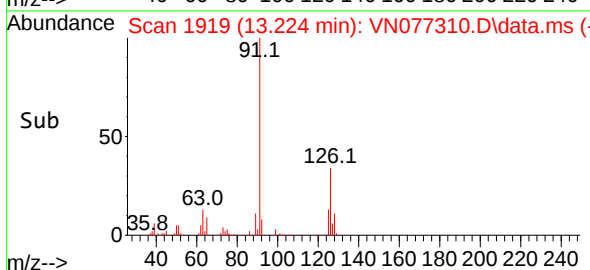
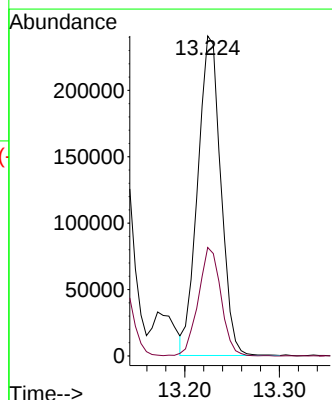
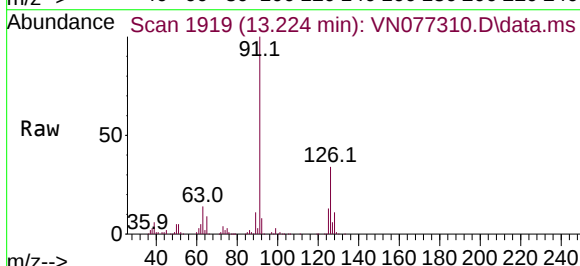
Manual Integrations
APPROVED

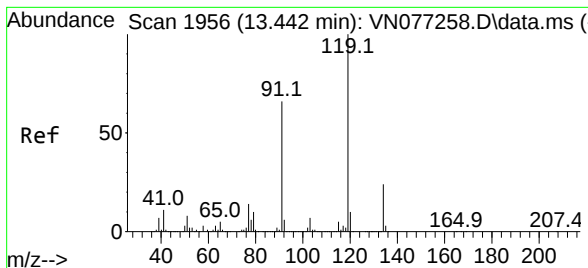
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#82
4-Chlorotoluene
Concen: 19.614 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

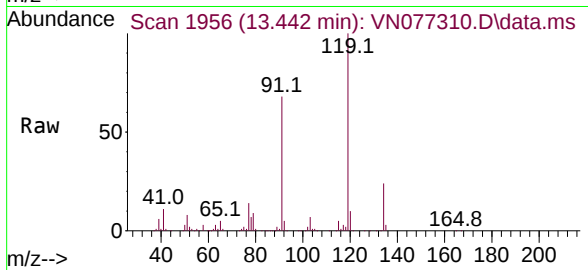
Tgt Ion: 91 Resp: 406822
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 18.919 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

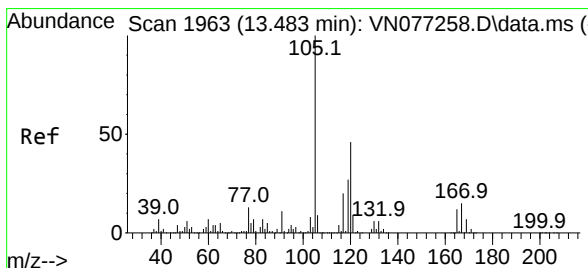
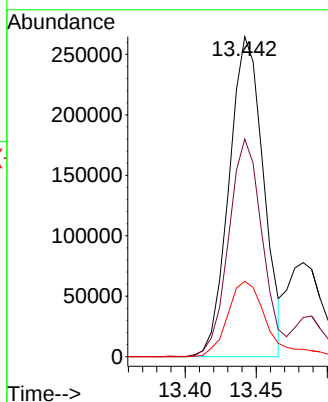
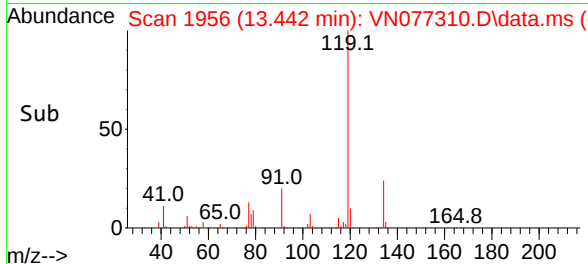
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



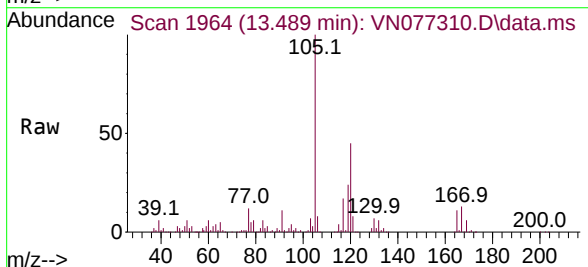
Tgt Ion:119 Resp: 44474
Ion Ratio Lower Upper
119 100
91 67.4 33.5 100.4
134 27.0 13.3 39.9

Manual Integrations
APPROVED

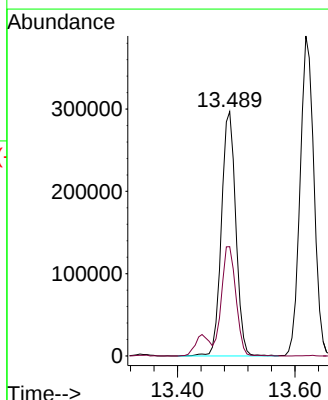
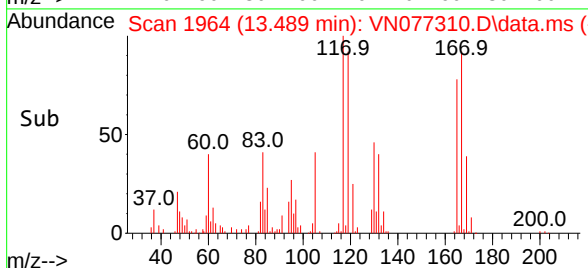
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

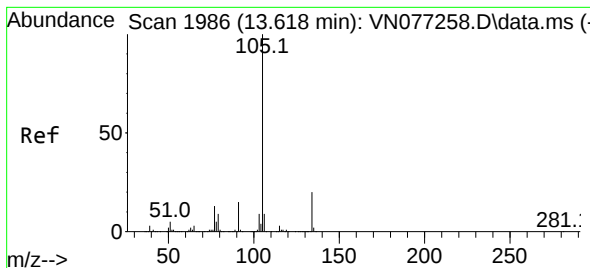


#84
1,2,4-Trimethylbenzene
Concen: 19.286 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



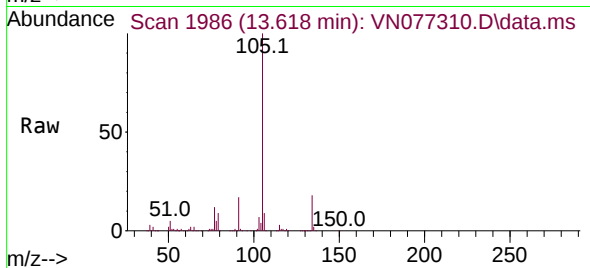
Tgt Ion:105 Resp: 503200
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 19.367 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17

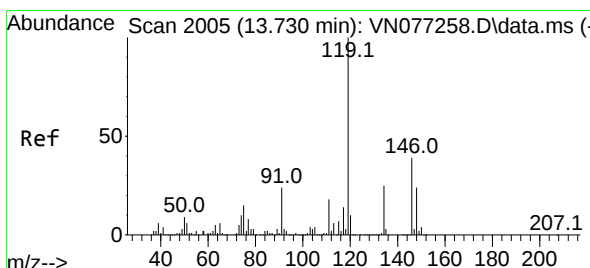
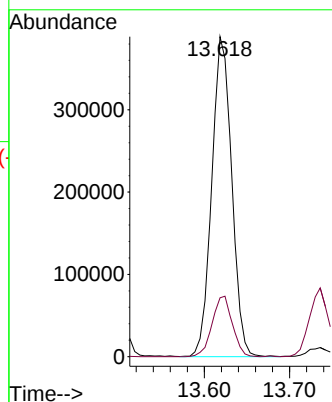
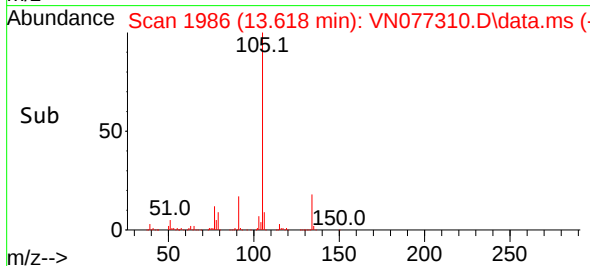
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS02



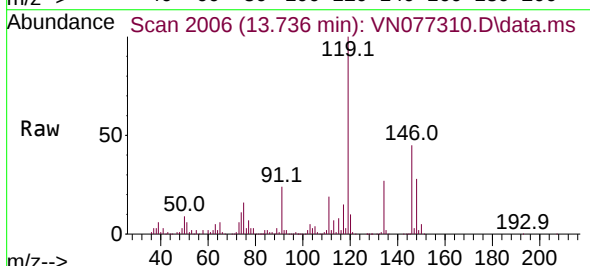
Tgt Ion:105 Resp: 634484
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

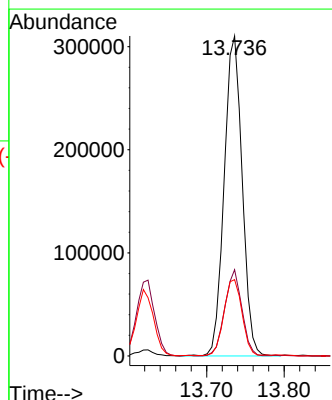
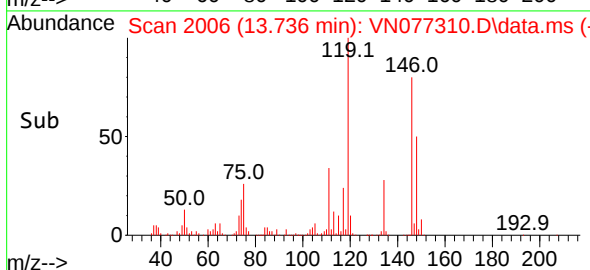
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

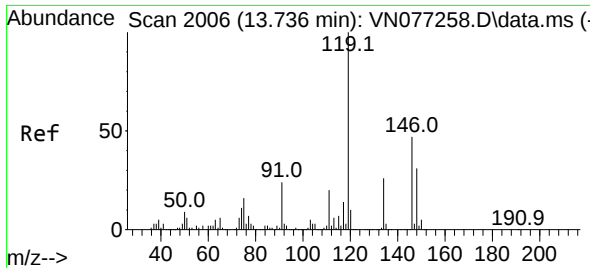


#86
 p-Isopropyltoluene
 Concen: 19.469 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077310.D
 Acq: 12 Apr 2023 12:17



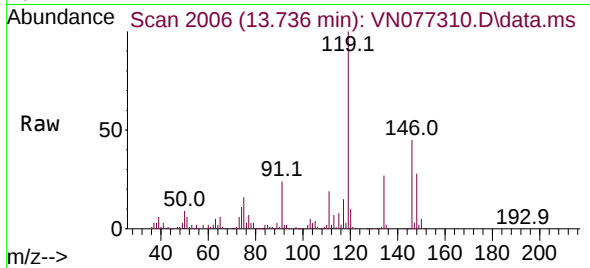
Tgt Ion:119 Resp: 501287
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.8 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 19.661 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

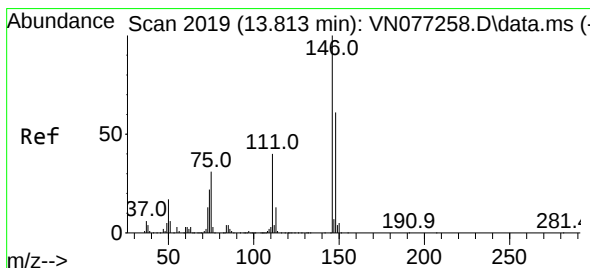
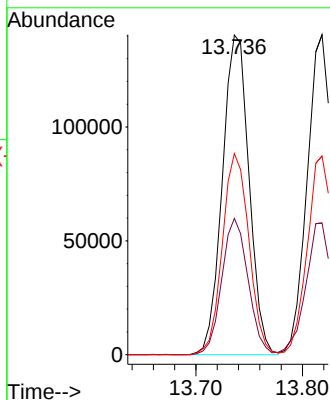
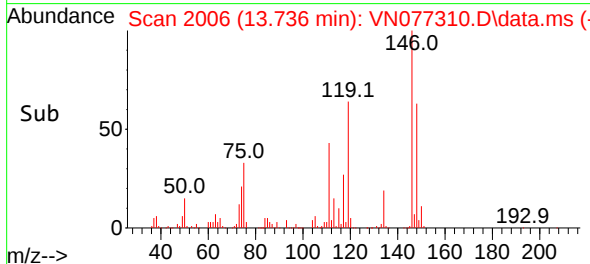
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



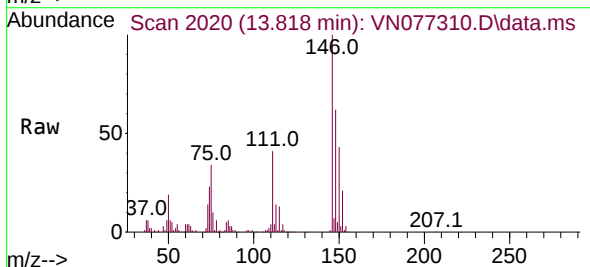
Tgt Ion:146 Resp: 244554
Ion Ratio Lower Upper
146 100
111 41.8 21.8 65.4
148 62.5 31.7 95.1

Manual Integrations
APPROVED

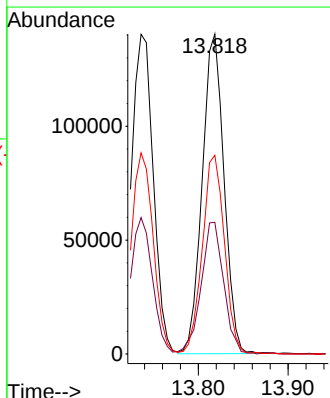
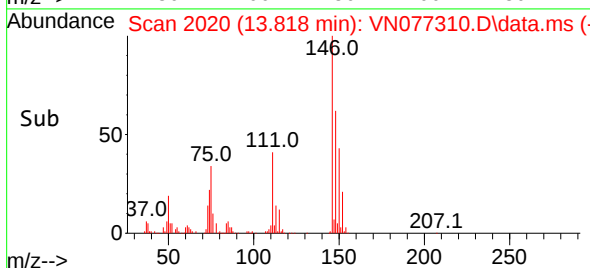
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

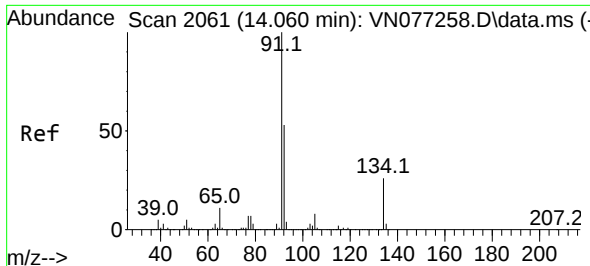


#88
1,4-Dichlorobenzene
Concen: 19.325 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17



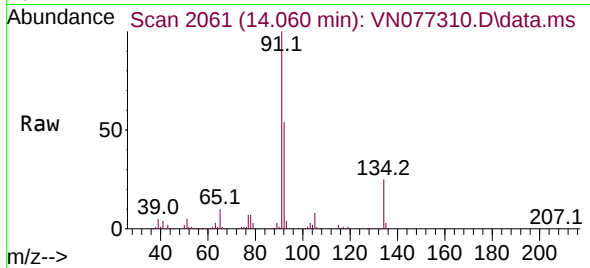
Tgt Ion:146 Resp: 237049
Ion Ratio Lower Upper
146 100
111 42.9 20.4 61.2
148 62.5 31.6 95.0





#89
n-Butylbenzene
Concen: 19.486 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

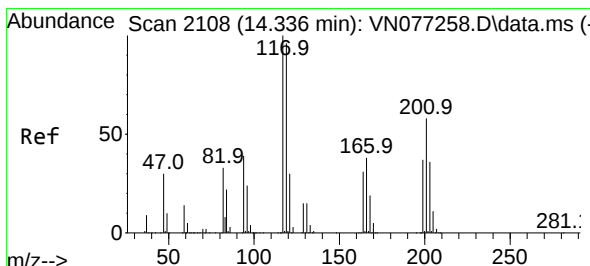
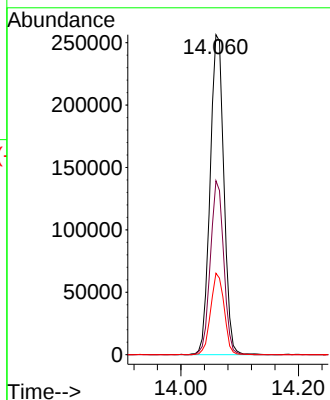
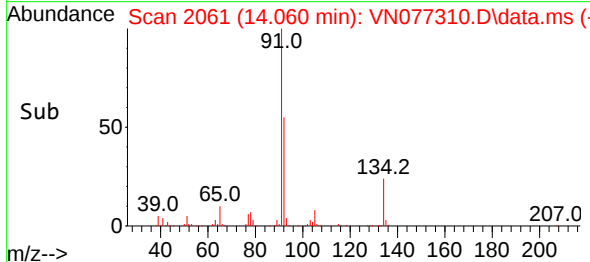
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02



Tgt Ion: 91 Resp: 416510
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 25.0 12.8 38.3

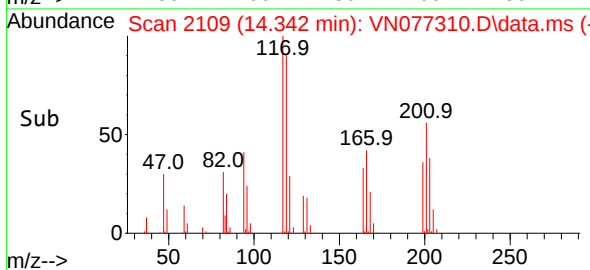
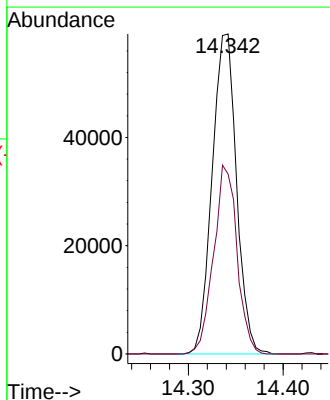
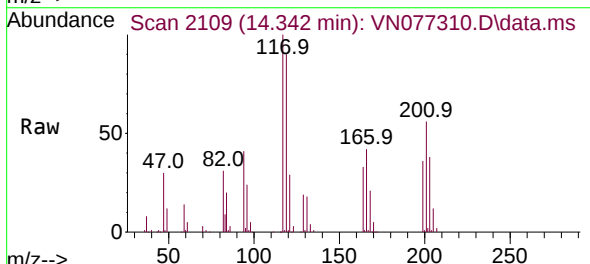
Manual Integrations
APPROVED

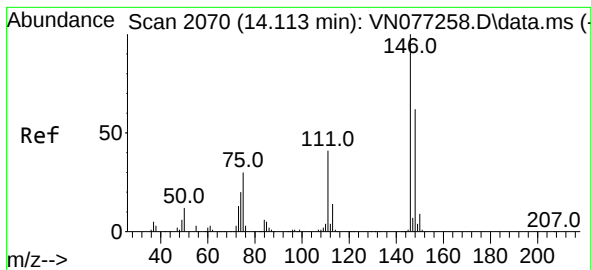
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#90
Hexachloroethane
Concen: 18.798 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion:117 Resp: 105829
Ion Ratio Lower Upper
117 100
201 56.6 29.8 89.5





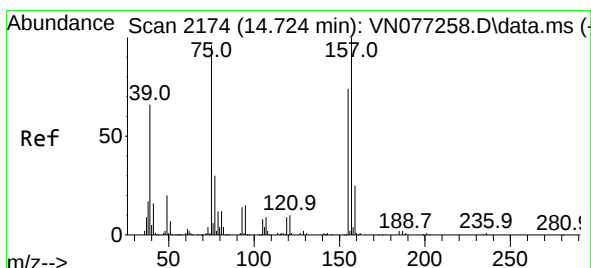
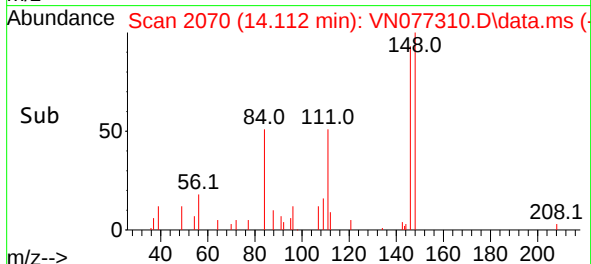
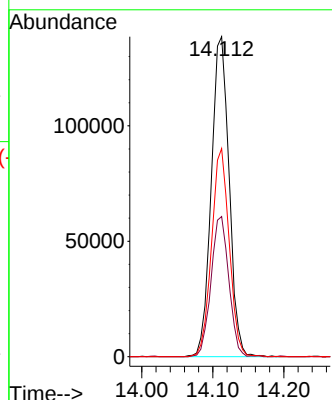
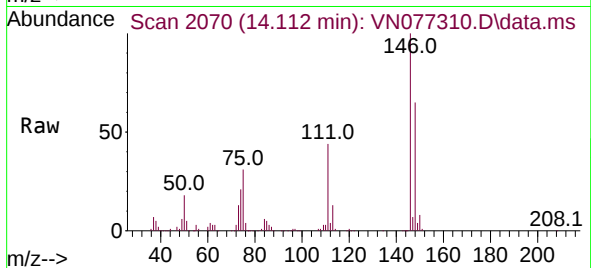
#91
1,2-Dichlorobenzene
Concen: 19.368 ug/l
RT: 14.112 min Scan# 2070
Delta R.T. -0.001 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS02

Tgt Ion:146 Resp: 241000
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.6 31.9 95.5

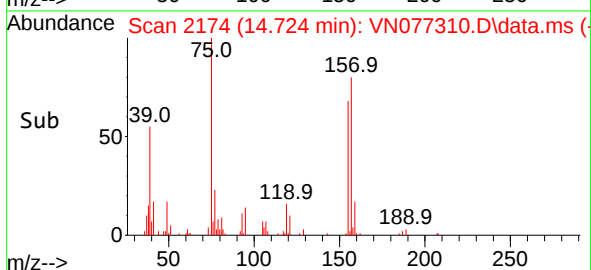
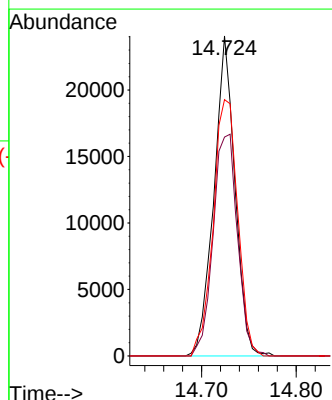
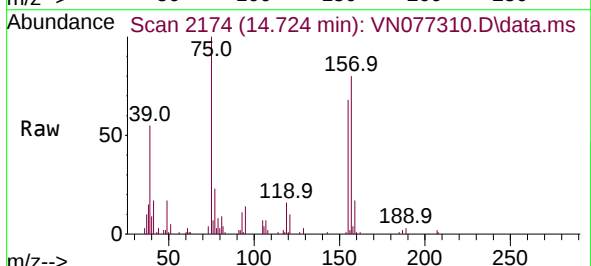
Manual Integrations
APPROVED

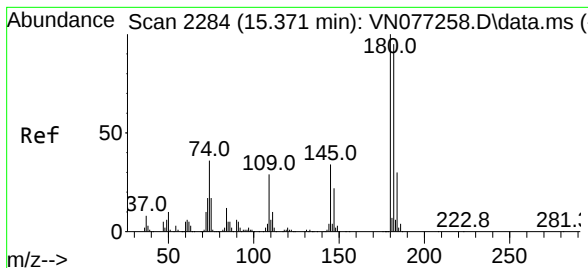
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.852 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077310.D
Acq: 12 Apr 2023 12:17

Tgt Ion: 75 Resp: 37075
Ion Ratio Lower Upper
75 100
155 80.3 41.0 123.2
157 93.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 17.748 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

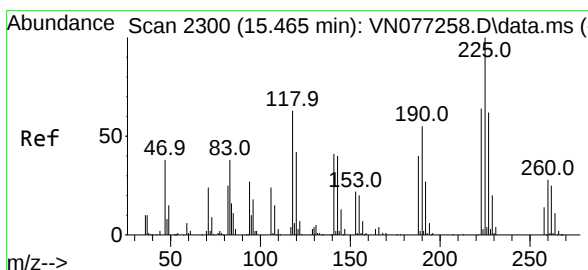
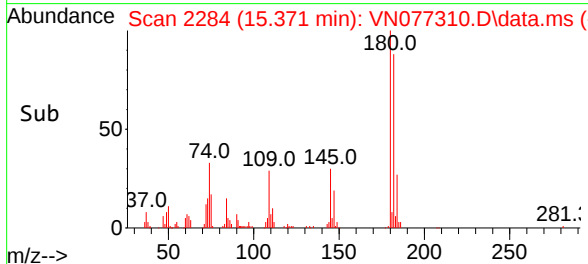
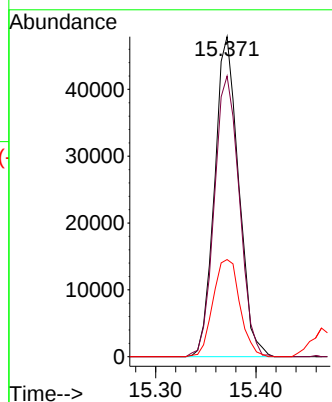
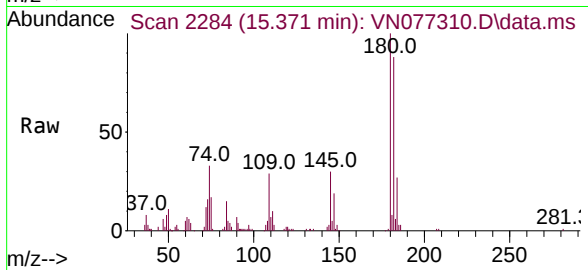
Tgt Ion:180	Resp:	79725
Ion Ratio	Lower	Upper
180	100	
182	91.0	46.7 140.0
145	33.7	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#94

Hexachlorobutadiene

Concen: 18.366 ug/l

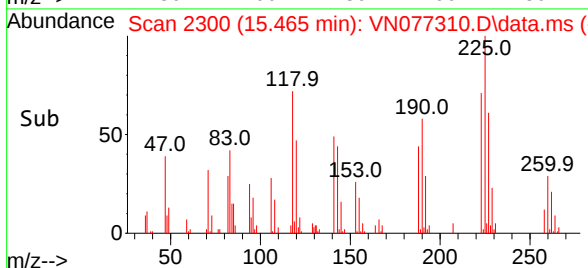
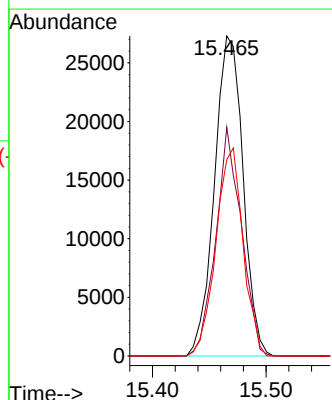
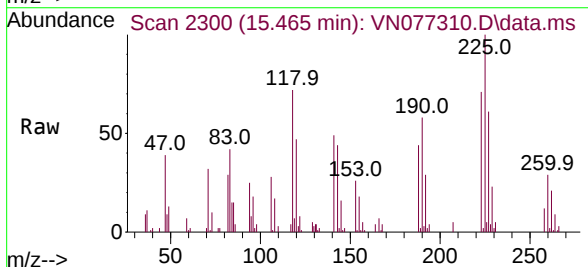
RT: 15.465 min Scan# 2300

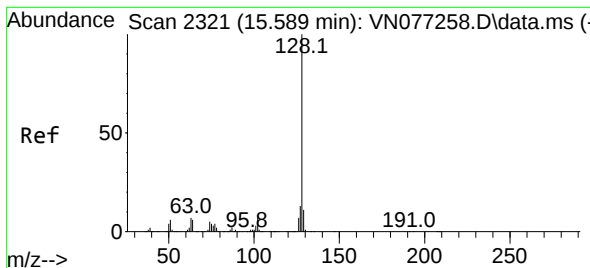
Delta R.T. 0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Tgt Ion:225	Resp:	47755
Ion Ratio	Lower	Upper
225	100	
223	64.1	31.7 95.1
227	61.8	31.2 93.6





#95

Naphthalene

Concen: 17.395 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBS02

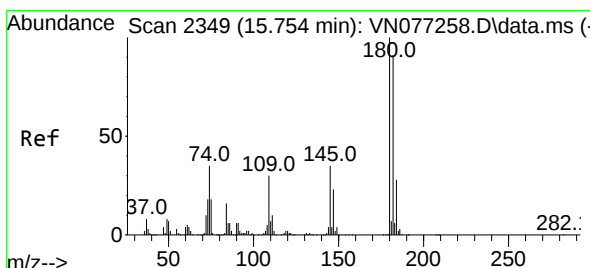
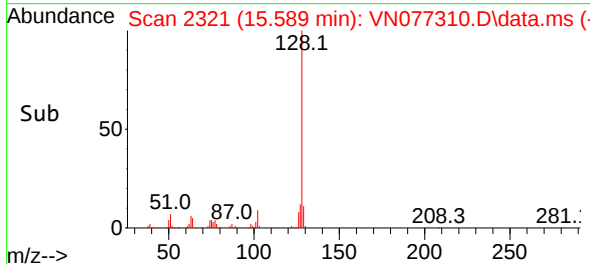
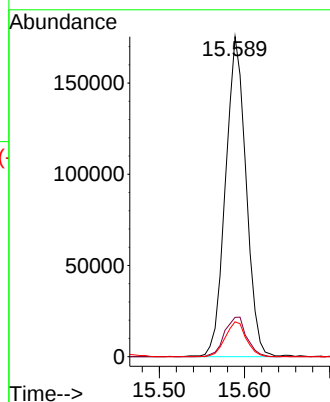
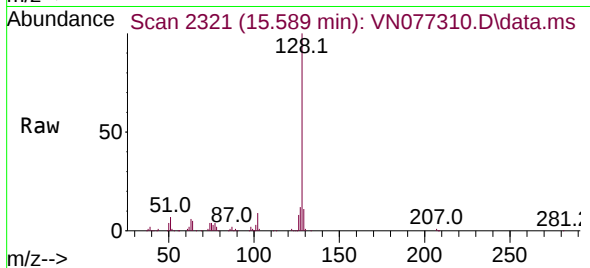
Tgt Ion:128	Resp:	29353
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	11.1	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.438 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077310.D

Acq: 12 Apr 2023 12:17

Tgt Ion:180	Resp:	74926
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.9 140.8
145	35.2	17.6 52.8

