

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077208.D
 Acq On : 27 Mar 2023 18:15
 Operator : JC\MD
 Sample : VN0327WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

Quant Time: Mar 28 07:29:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	413258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	727386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	656636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	282545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	326824	50.580	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.160%		
35) Dibromofluoromethane	8.172	113	240471	48.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	10.572	98	921249	49.813	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.854	95	299644	49.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	78961	18.317	ug/l	99
3) Chloromethane	2.378	50	115404	19.082	ug/l	100
4) Vinyl Chloride	2.531	62	141458	20.709	ug/l	98
5) Bromomethane	2.966	94	96585	17.714	ug/l	96
6) Chloroethane	3.131	64	123121	20.790	ug/l	90
7) Trichlorofluoromethane	3.513	101	176771	16.877	ug/l	95
8) Diethyl Ether	3.978	74	58900	17.084	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.378	101	85897	19.160	ug/l	98
10) Methyl Iodide	4.601	142	94191	18.622	ug/l	98
11) Tert butyl alcohol	5.525	59	83014	94.267	ug/l	100
12) 1,1-Dichloroethene	4.354	96	79072	18.544	ug/l	87
13) Acrolein	4.190	56	122161	98.904	ug/l	98
14) Allyl chloride	5.037	41	141343	17.644	ug/l #	85
15) Acrylonitrile	5.725	53	265501	96.708	ug/l	98
16) Acetone	4.443	43	246473	102.589	ug/l #	85
17) Carbon Disulfide	4.725	76	223061	18.695	ug/l	98
18) Methyl Acetate	5.037	43	183047	19.044	ug/l #	82
19) Methyl tert-butyl Ether	5.807	73	301262	19.875	ug/l	98
20) Methylene Chloride	5.290	84	103004	19.253	ug/l #	77
21) trans-1,2-Dichloroethene	5.795	96	85922	18.362	ug/l	85
22) Diisopropyl ether	6.678	45	339781	19.678	ug/l #	88
23) Vinyl Acetate	6.613	43	1081441	97.057	ug/l #	87
24) 1,1-Dichloroethane	6.578	63	184444	19.106	ug/l	95
25) 2-Butanone	7.489	43	372974	99.286	ug/l #	76
26) 2,2-Dichloropropane	7.501	77	132679	19.930	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	101868	18.872	ug/l	81
28) Bromochloromethane	7.825	49	86274	17.525	ug/l #	71
29) Tetrahydrofuran	7.848	42	248462	99.842	ug/l #	72
30) Chloroform	7.972	83	182517	19.195	ug/l	98
31) Cyclohexane	8.260	56	176300	19.641	ug/l	84
32) 1,1,1-Trichloroethane	8.178	97	153121	18.757	ug/l	93
36) 1,1-Dichloropropene	8.378	75	129345	18.829	ug/l	95
37) Ethyl Acetate	7.572	43	147442	19.256	ug/l #	87
38) Carbon Tetrachloride	8.366	117	130426	18.726	ug/l	94
39) Methylcyclohexane	9.607	83	156164	19.464	ug/l #	82
40) Benzene	8.613	78	397623	18.887	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	82782	19.781	ug/l #	80
42) 1,2-Dichloroethane	8.678	62	152321	19.189	ug/l	94
43) Isopropyl Acetate	8.695	43	232997	18.862	ug/l #	87
44) Trichloroethene	9.360	130	89961	18.650	ug/l	94
45) 1,2-Dichloropropane	9.625	63	103376	18.463	ug/l	98
46) Dibromomethane	9.713	93	68400	18.692	ug/l	95
47) Bromodichloromethane	9.889	83	137812	18.935	ug/l	98
48) Methyl methacrylate	9.683	41	112491	18.911	ug/l #	78
49) 1,4-Dioxane	9.695	88	39241	386.955	ug/l #	77
51) 4-Methyl-2-Pentanone	10.448	43	749077	96.377	ug/l #	85
52) Toluene	10.630	92	243795	18.988	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	144743	19.599	ug/l	94
54) cis-1,3-Dichloropropene	10.319	75	154451	19.109	ug/l #	85
55) 1,1,2-Trichloroethane	11.019	97	96943	19.234	ug/l	97
56) Ethyl methacrylate	10.877	69	140128	18.834	ug/l #	66
57) 1,3-Dichloropropane	11.166	76	172541	19.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	264303	91.066	ug/l	90
59) 2-Hexanone	11.201	43	530042	94.891	ug/l	83
60) Dibromochloromethane	11.366	129	100670	19.443	ug/l	96
61) 1,2-Dibromoethane	11.472	107	93773	18.721	ug/l	98
64) Tetrachloroethene	11.101	164	79423	19.499	ug/l	92
65) Chlorobenzene	11.895	112	255146	19.285	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	93114	19.265	ug/l	99
67) Ethyl Benzene	11.966	91	454164	18.870	ug/l	97
68) m/p-Xylenes	12.071	106	349464	38.175	ug/l	96
69) o-Xylene	12.401	106	170977	19.287	ug/l	93
70) Styrene	12.413	104	270974	18.924	ug/l	95
71) Bromoform	12.583	173	65098	18.183	ug/l #	99
73) Isopropylbenzene	12.701	105	431557	19.413	ug/l	97
74) N-amyl acetate	12.495	43	190612	19.677	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.942	83	142995	19.257	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	129774m	22.642	ug/l	
77) Bromobenzene	12.983	156	99245	19.392	ug/l	90
78) n-propylbenzene	13.042	91	503402	19.635	ug/l	98
79) 2-Chlorotoluene	13.124	91	309621	19.639	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	365099	19.721	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	40347	20.288	ug/l #	76
82) 4-Chlorotoluene	13.224	91	293978	19.645	ug/l	97
83) tert-Butylbenzene	13.442	119	307664	19.650	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	362188	19.908	ug/l	97
85) sec-Butylbenzene	13.618	105	435072	19.482	ug/l	97
86) p-Isopropyltoluene	13.736	119	356046	19.907	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	181469	19.646	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	177626	19.226	ug/l	98
89) n-Butylbenzene	14.060	91	282788	19.285	ug/l	96
90) Hexachloroethane	14.336	117	65431	19.631	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	177210	19.234	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	24945	18.985	ug/l	84
93) 1,2,4-Trichlorobenzene	15.401	180	69442	18.499	ug/l	97
94) Hexachlorobutadiene	15.507	225	46205	19.770	ug/l	99
95) Naphthalene	15.648	128	220816	18.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	71008	19.223	ug/l	98

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ClientSampleId :
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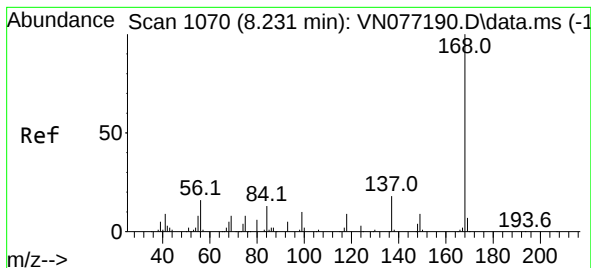
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

Tgt Ion:168 Resp: 413258

Ion Ratio Lower Upper

168 100

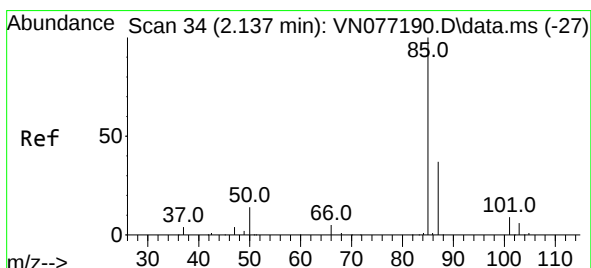
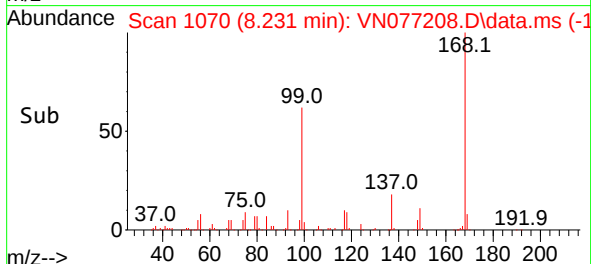
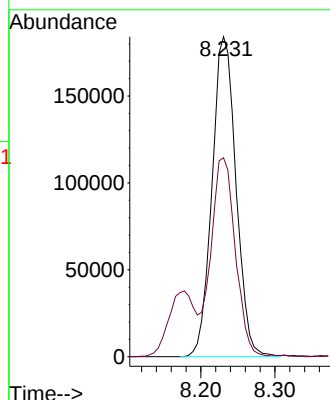
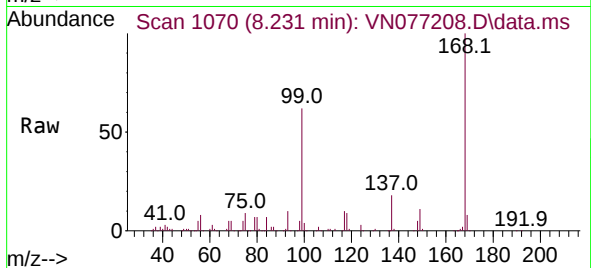
99 61.8 48.6 73.0

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 18.317 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN077208.D

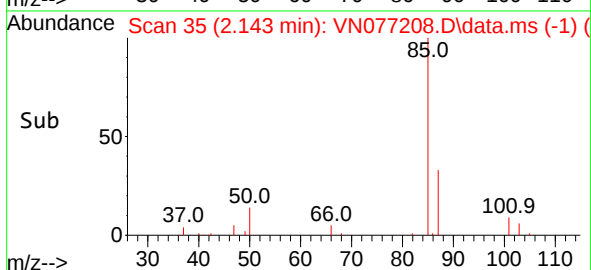
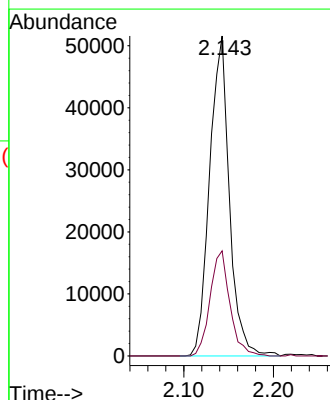
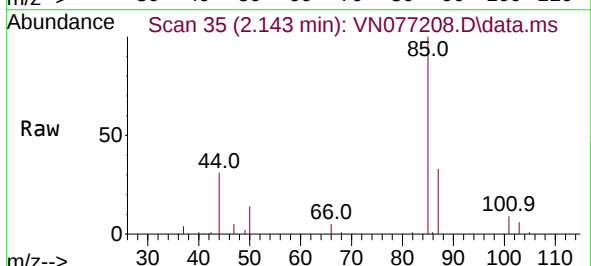
Acq: 27 Mar 2023 18:15

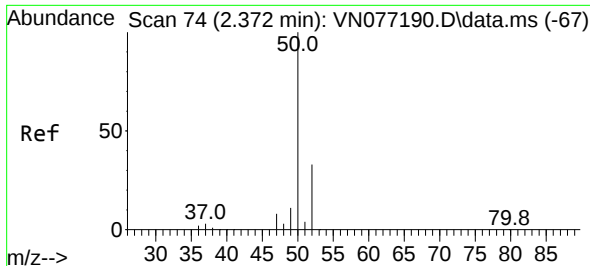
Tgt Ion: 85 Resp: 78961

Ion Ratio Lower Upper

85 100

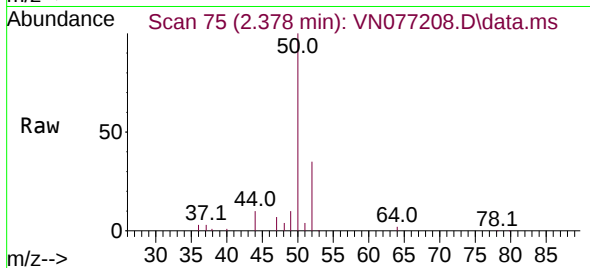
87 32.8 16.2 48.6





#3
Chloromethane
Concen: 19.082 ug/l
RT: 2.378 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN077208.D
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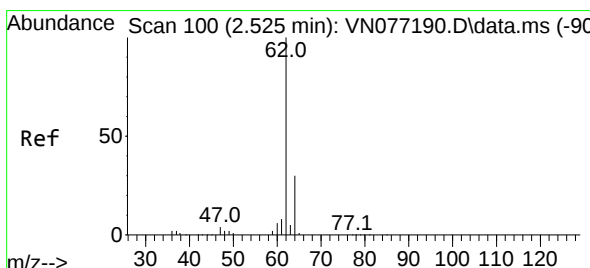
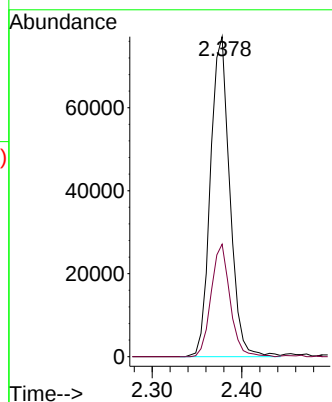
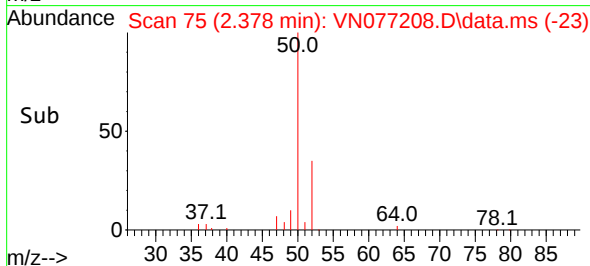
Instrument :
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Tgt Ion: 50 Resp: 115404
Ion Ratio Lower Upper
50 100
52 35.1 27.9 41.9

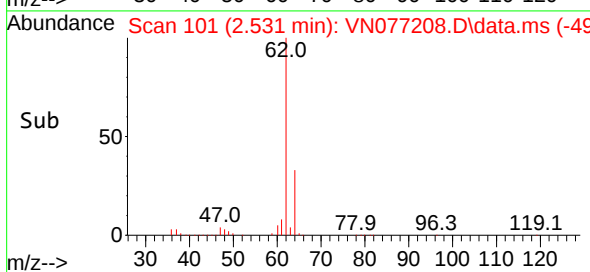
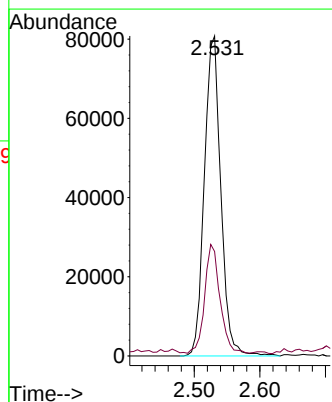
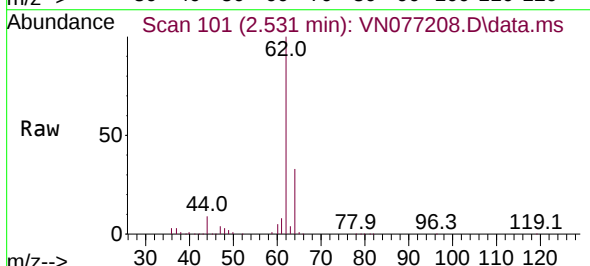
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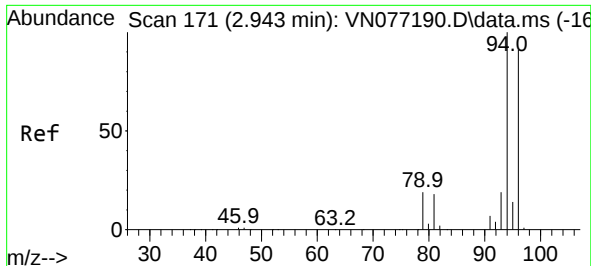
Reviewed By :John Carlone 03/28/2023
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#4
Vinyl Chloride
Concen: 20.709 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion: 62 Resp: 141458
Ion Ratio Lower Upper
62 100
64 31.7 24.5 36.7





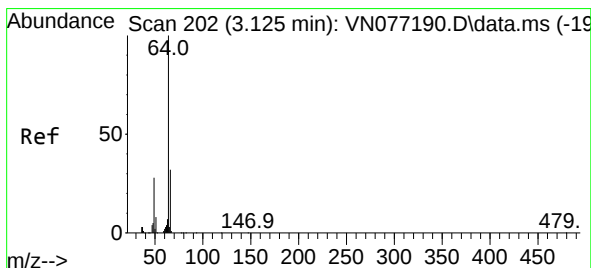
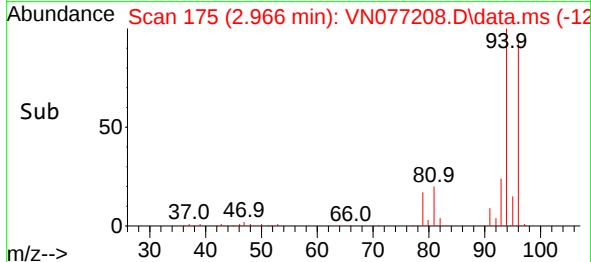
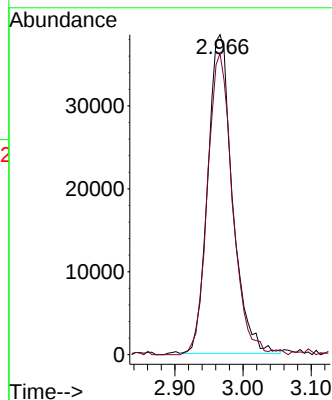
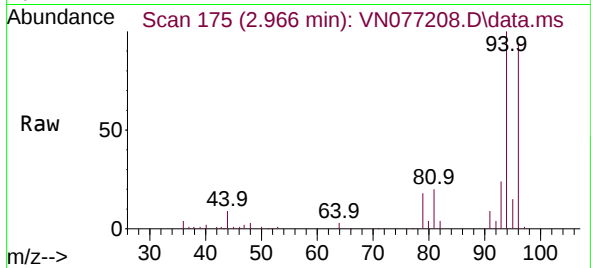
#5
Bromomethane
Concen: 17.714 ug/l
RT: 2.966 min Scan# 175
Delta R.T. 0.023 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
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Tgt Ion: 94 Resp: 9658
Ion Ratio Lower Upper
94 100
96 94.5 79.0 118.6

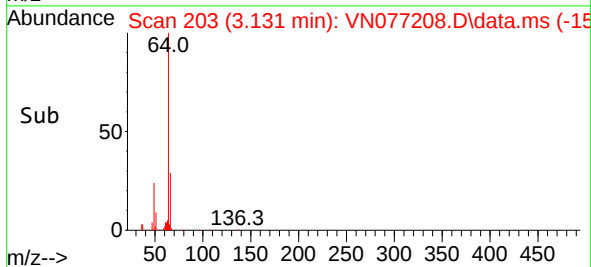
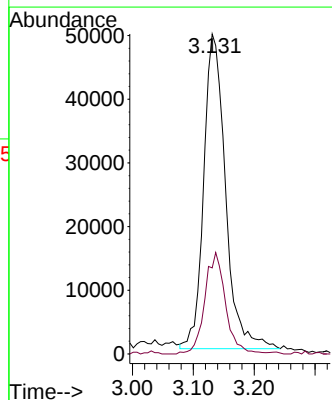
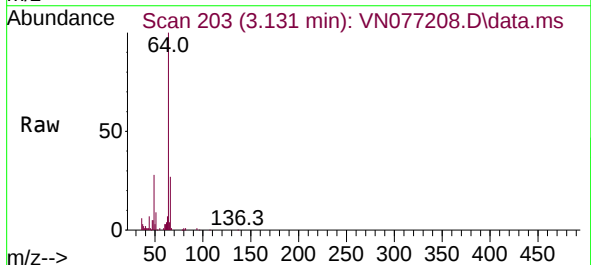
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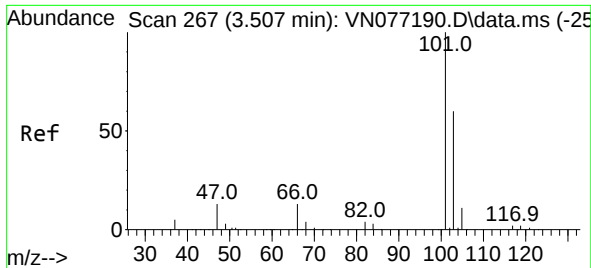
Reviewed By :John Carlone 03/28/2023
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#6
Chloroethane
Concen: 20.790 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

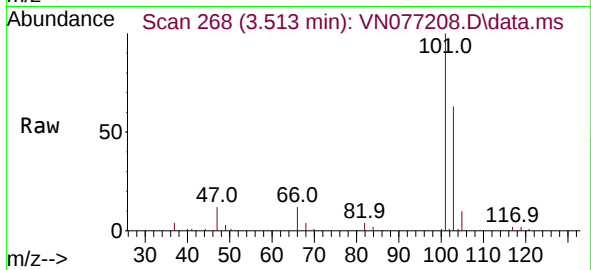
Tgt Ion: 64 Resp: 123121
Ion Ratio Lower Upper
64 100
66 27.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 16.877 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

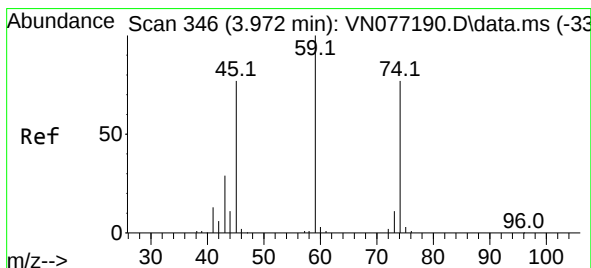
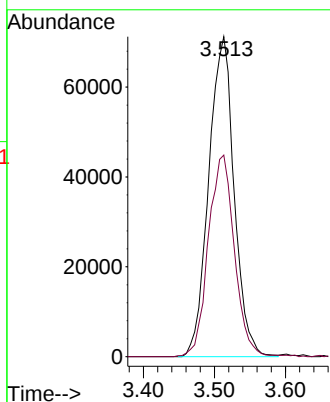
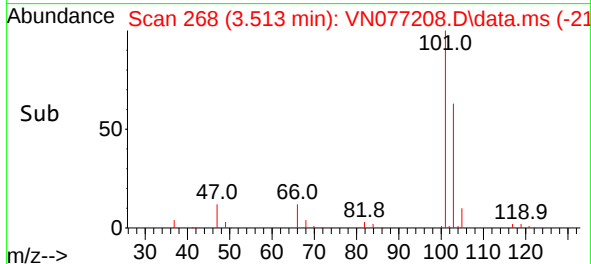
Instrument :
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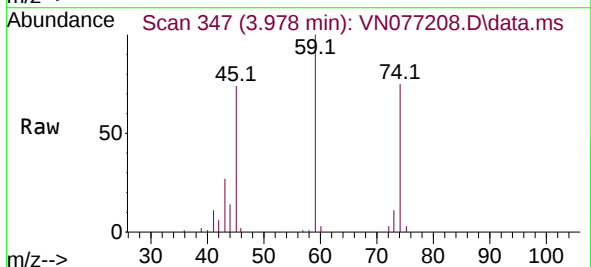
Tgt Ion:101 Resp: 17677
Ion Ratio Lower Upper
101 100
103 62.7 53.4 80.0

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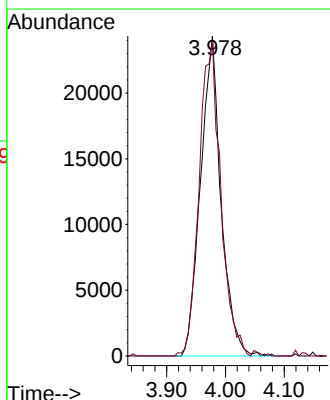
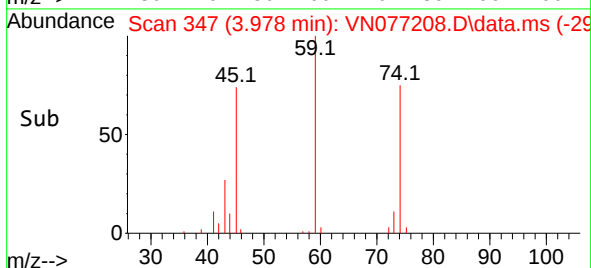
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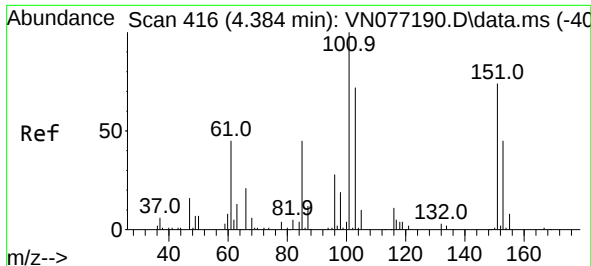


#8
Diethyl Ether
Concen: 17.084 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



Tgt Ion: 74 Resp: 58900
Ion Ratio Lower Upper
74 100
45 103.4 35.5 106.5





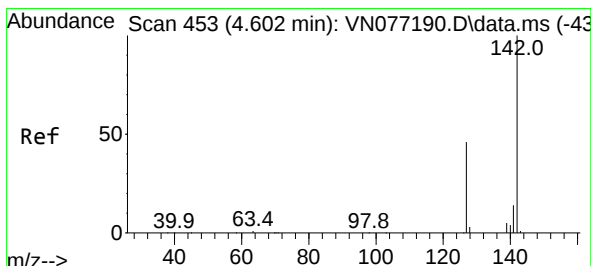
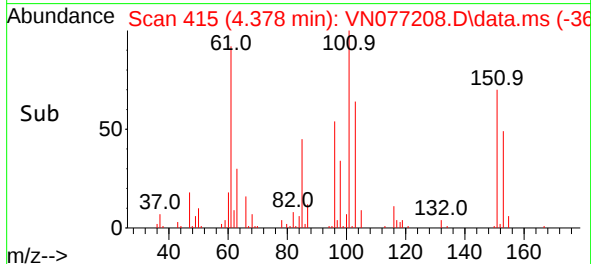
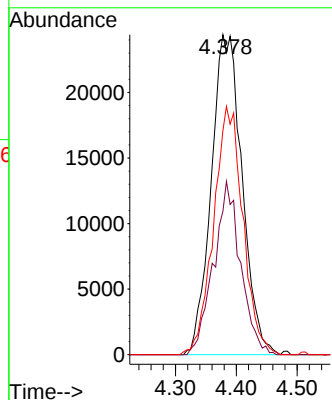
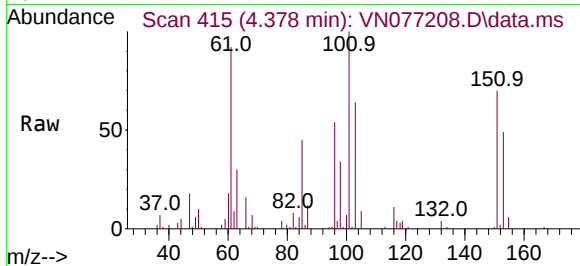
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.160 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion:101 Resp: 8589
Ion Ratio Lower Upper
101 100
85 47.3 35.2 52.8
151 73.8 58.9 88.3

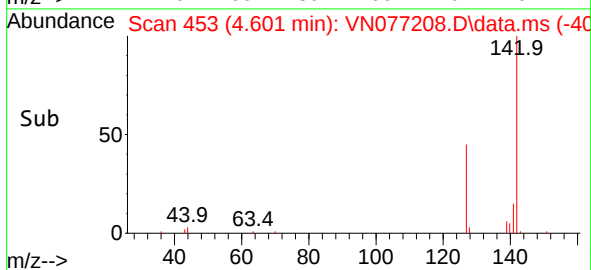
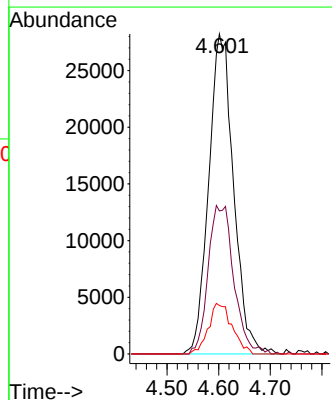
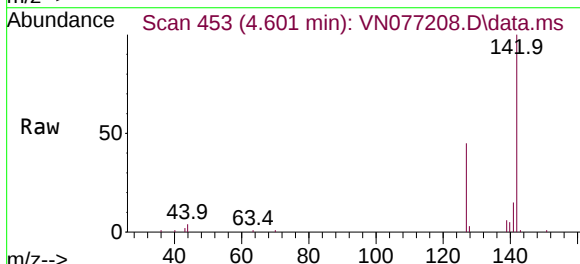
Manual Integrations
APPROVED

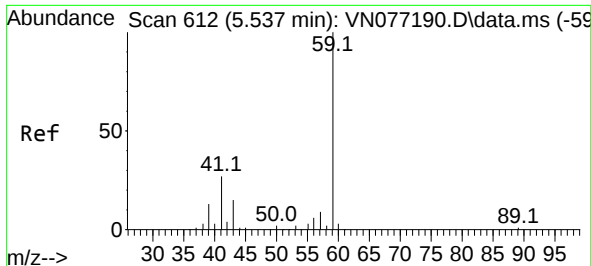
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#10
Methyl Iodide
Concen: 18.622 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion:142 Resp: 94191
Ion Ratio Lower Upper
142 100
127 44.7 35.2 52.8
141 15.1 10.2 15.2





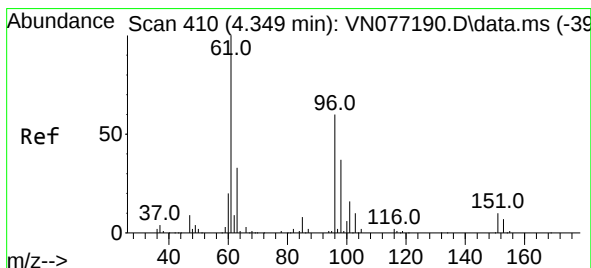
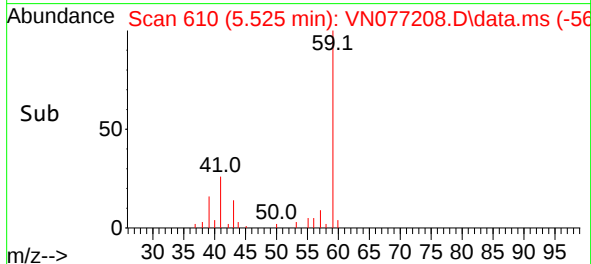
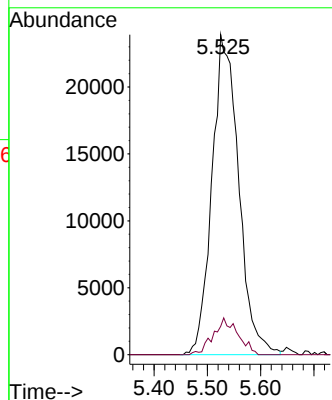
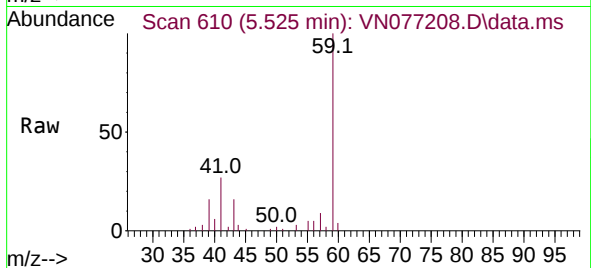
#11
Tert butyl alcohol
Concen: 94.267 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion: 59 Resp: 83014
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

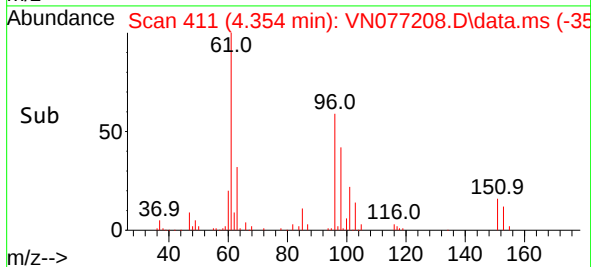
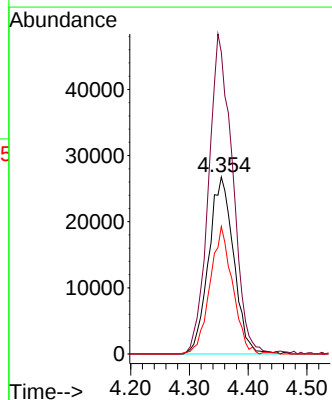
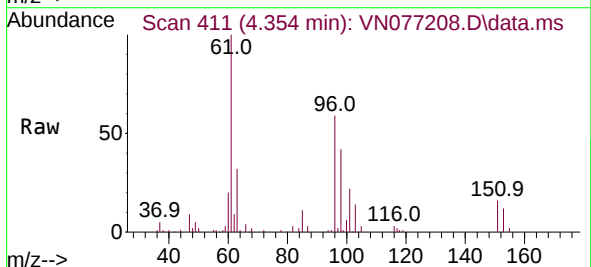
Manual Integrations
APPROVED

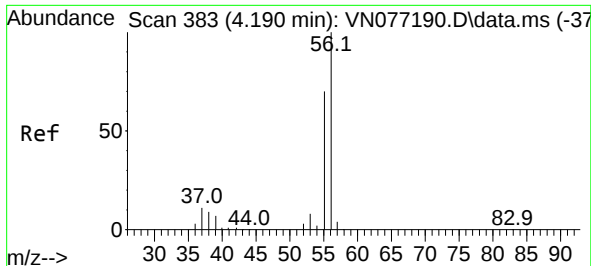
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#12
1,1-Dichloroethene
Concen: 18.544 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

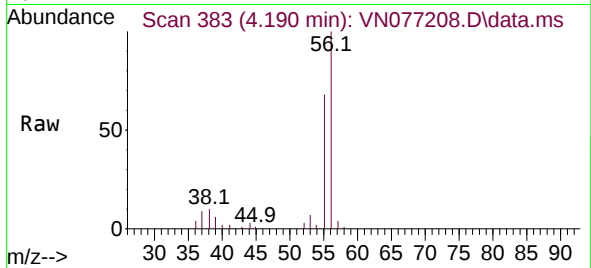
Tgt Ion: 96 Resp: 79072
Ion Ratio Lower Upper
96 100
61 170.5 121.3 181.9
98 71.9 52.1 78.1





#13
Acrolein
Concen: 98.904 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

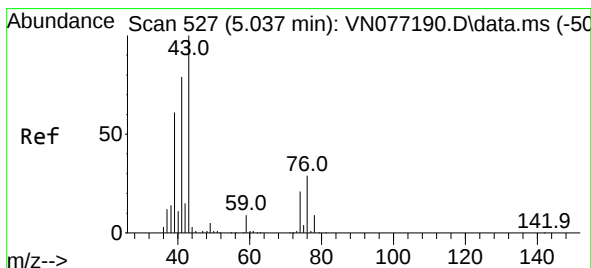
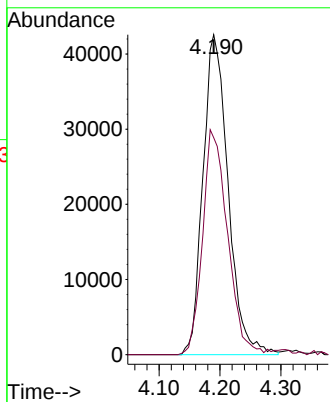
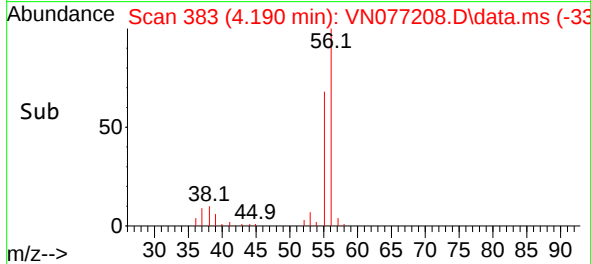
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 56 Resp: 12216
Ion Ratio Lower Upper
56 100
55 69.5 56.7 85.1

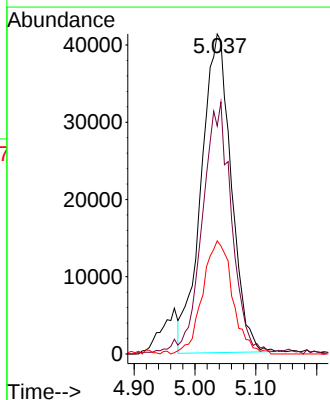
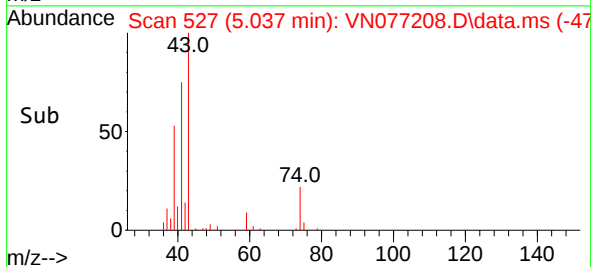
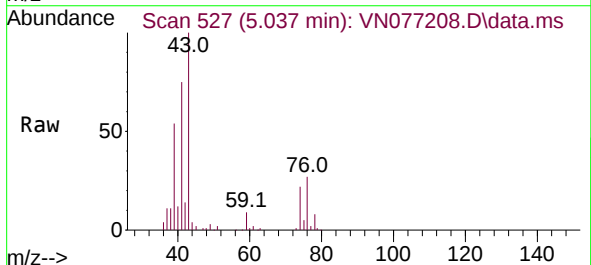
Manual Integrations
APPROVED

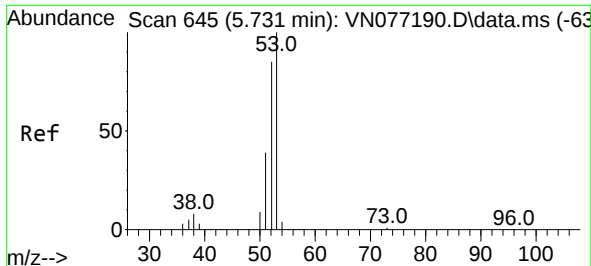
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#14
Allyl chloride
Concen: 17.644 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

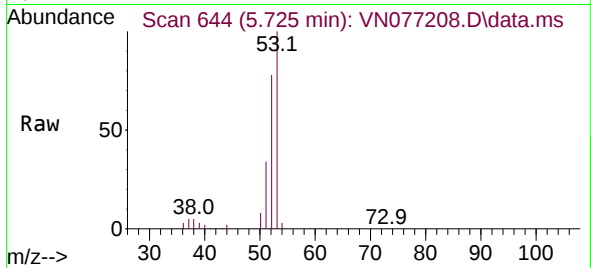
Tgt Ion: 41 Resp: 141343
Ion Ratio Lower Upper
41 100
39 77.9 68.1 102.1
76 35.5 44.1 66.1#





#15
Acrylonitrile
Concen: 96.708 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

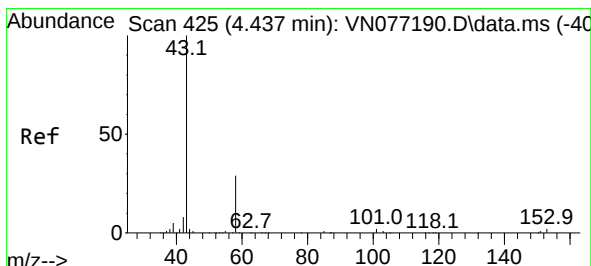
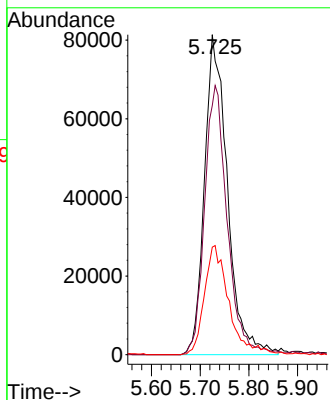
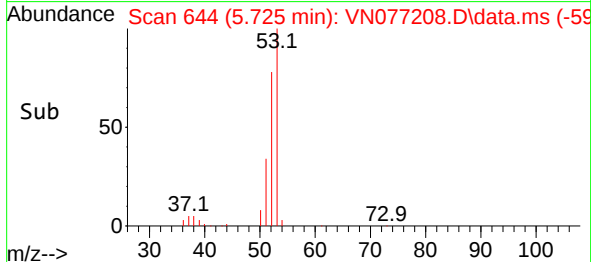
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



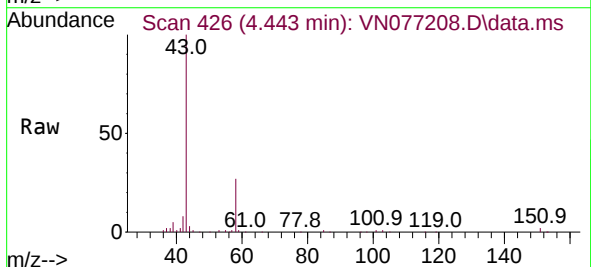
Tgt Ion: 53 Resp: 26550
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 36.5 28.8 43.2

Manual Integrations
APPROVED

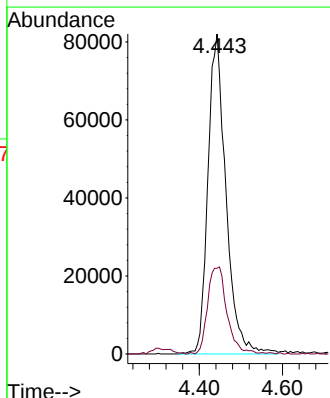
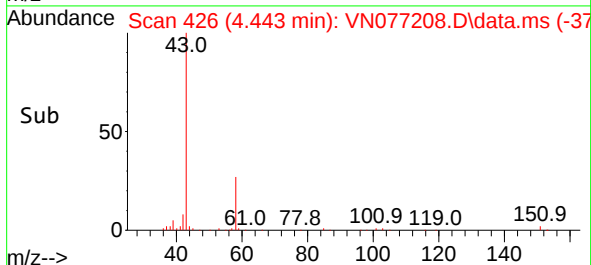
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

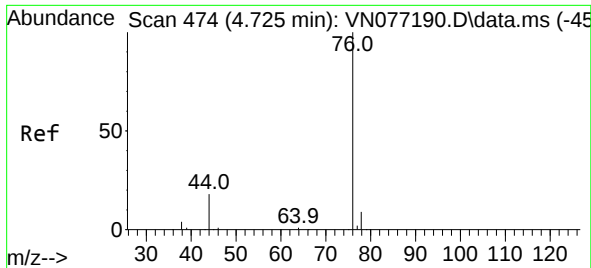


#16
Acetone
Concen: 102.589 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



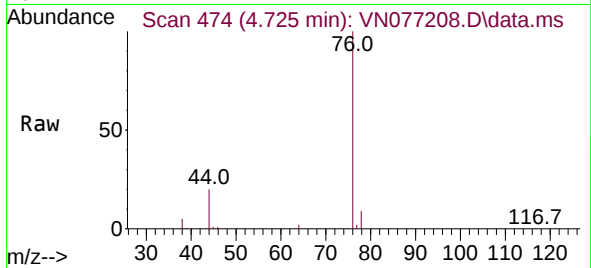
Tgt Ion: 43 Resp: 246473
Ion Ratio Lower Upper
43 100
58 26.5 28.2 42.2#





#17
Carbon Disulfide
Concen: 18.695 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

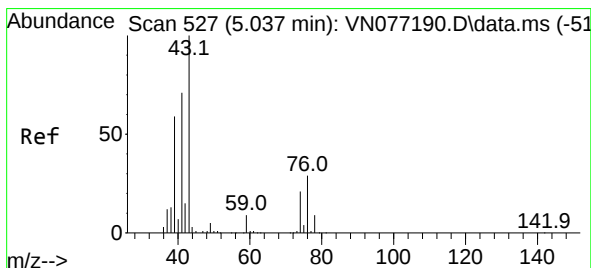
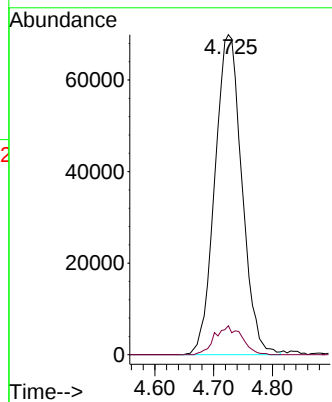
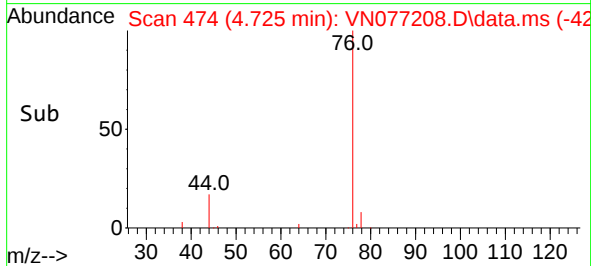
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 76 Resp: 22306
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

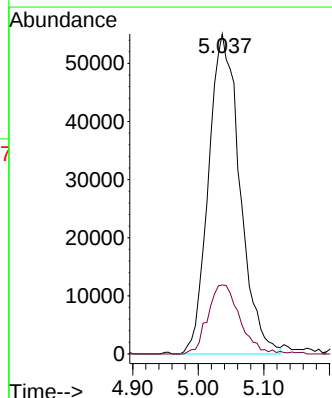
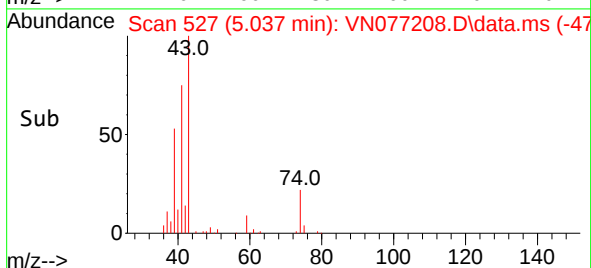
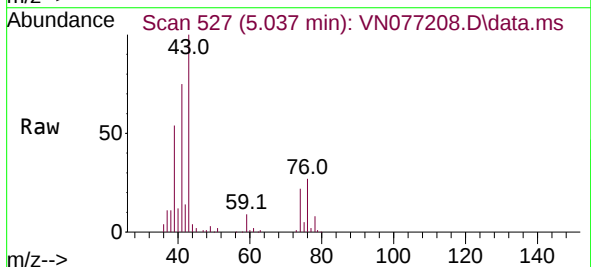
Manual Integrations
APPROVED

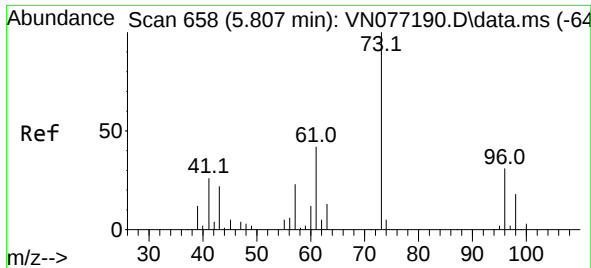
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#18
Methyl Acetate
Concen: 19.044 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion: 43 Resp: 183047
Ion Ratio Lower Upper
43 100
74 22.1 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 19.875 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

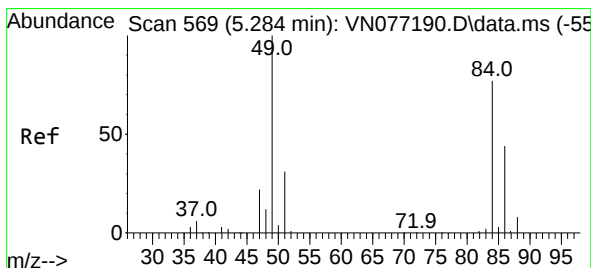
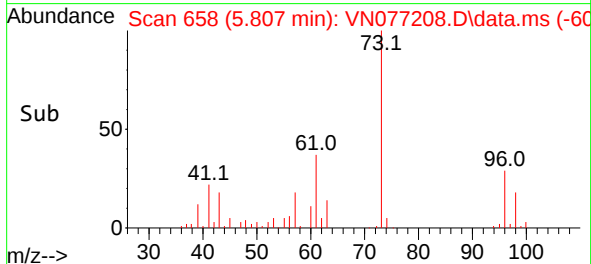
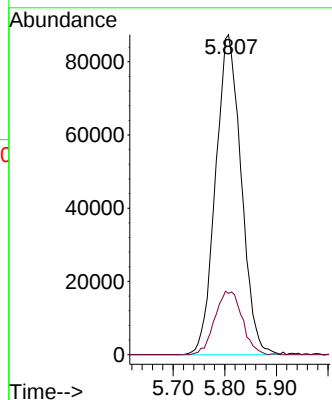
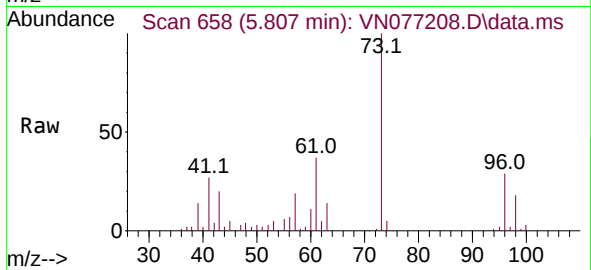
VN0327WBSD02

Tgt Ion: 73 Resp: 30126
Ion Ratio Lower Upper
73 100
57 19.2 16.1 24.1

Manual Integrations

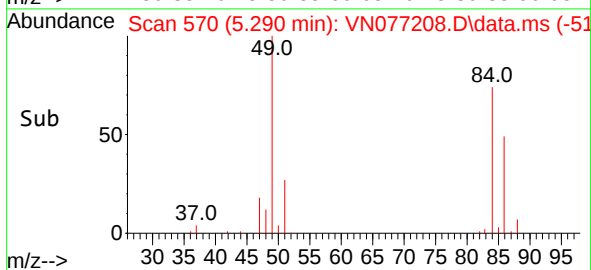
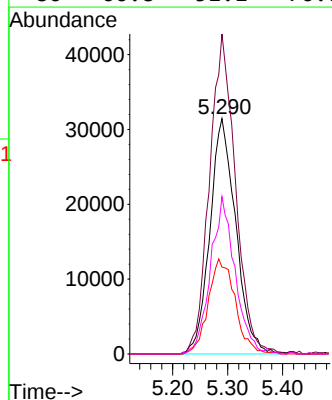
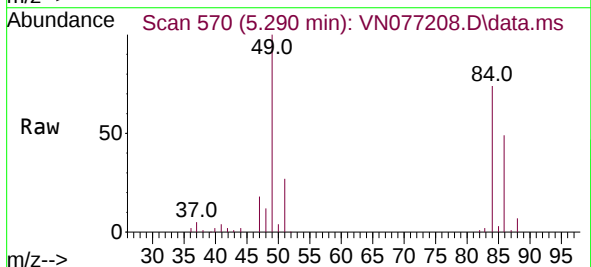
APPROVED

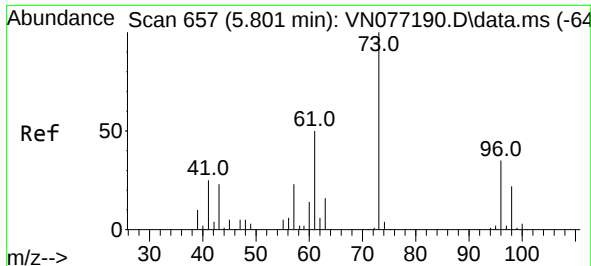
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#20
Methylene Chloride
Concen: 19.253 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

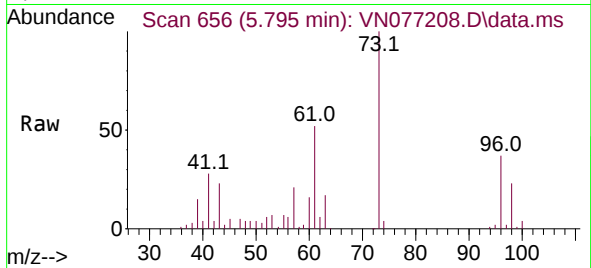
Tgt Ion: 84 Resp: 103004
Ion Ratio Lower Upper
84 100
49 136.0 76.6 114.8#
51 36.9 25.4 38.2
86 66.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 18.362 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

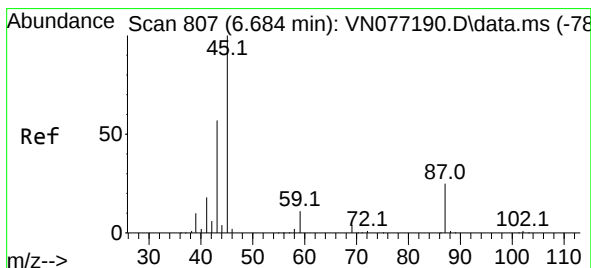
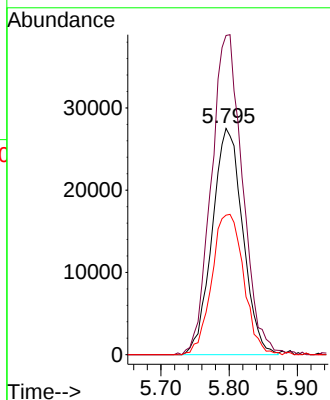
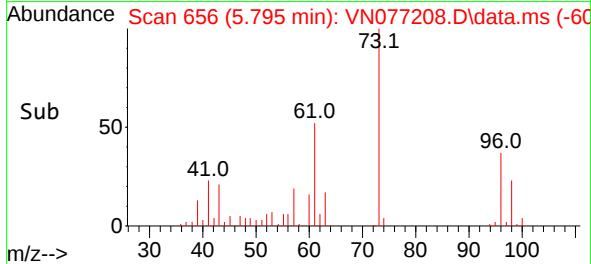
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 96 Resp: 8592
Ion Ratio Lower Upper
96 100
61 140.3 95.0 142.6
98 61.6 54.5 81.7

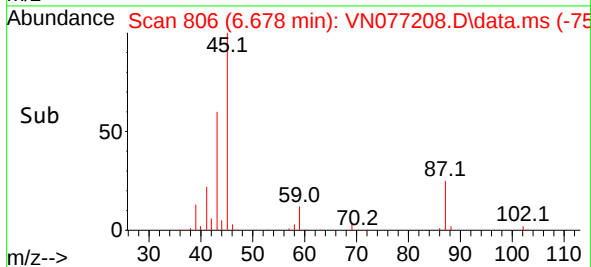
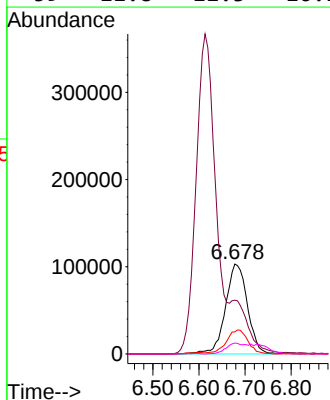
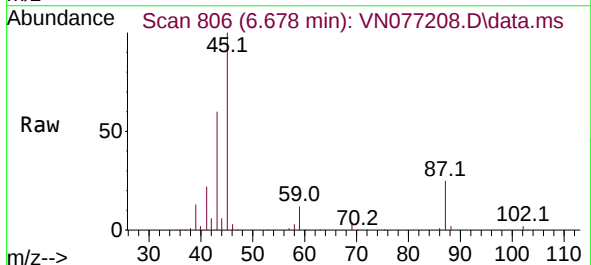
Manual Integrations
APPROVED

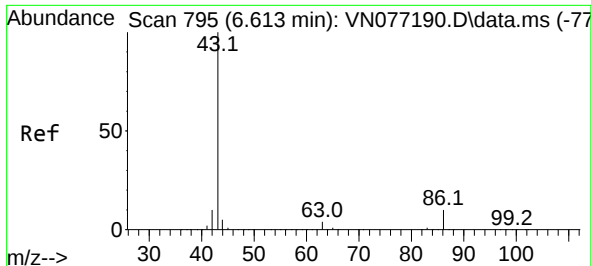
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#22
Diisopropyl ether
Concen: 19.678 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

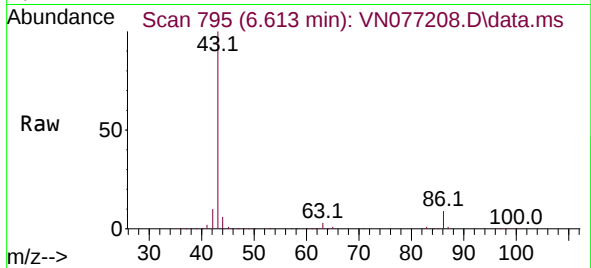
Tgt Ion: 45 Resp: 339781
Ion Ratio Lower Upper
45 100
43 58.1 42.6 63.8
87 24.7 29.7 44.5#
59 11.8 11.3 16.9





#23
 Vinyl Acetate
 Concen: 97.057 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077208.D
 Acq: 27 Mar 2023 18:15

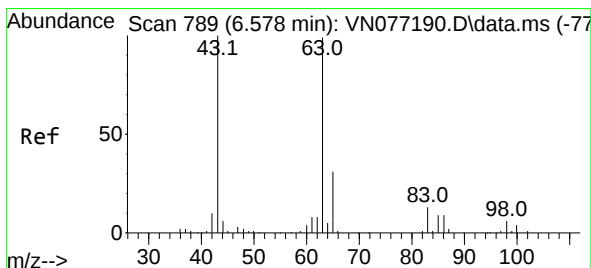
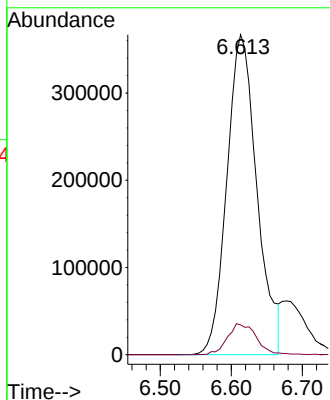
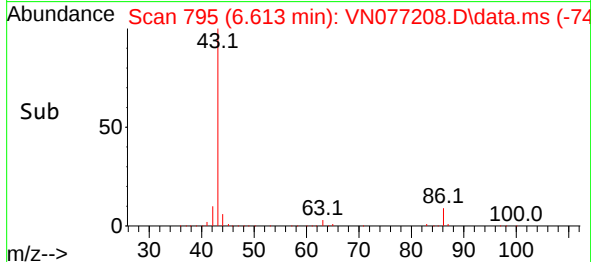
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD02



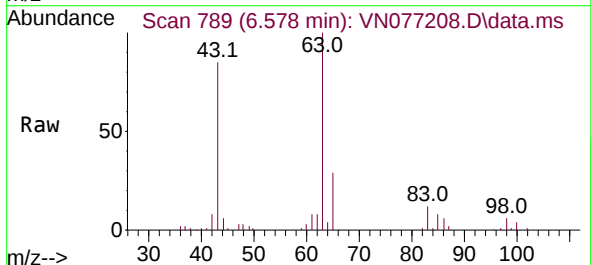
Tgt Ion: 43 Resp: 108144
 Ion Ratio Lower Upper
 43 100
 86 9.3 11.8 17.6

Manual Integrations
 APPROVED

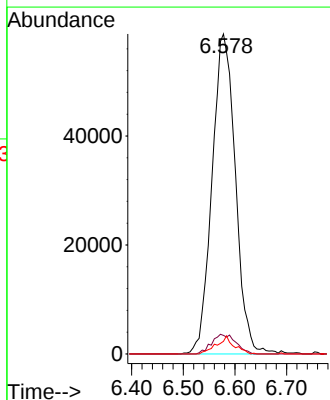
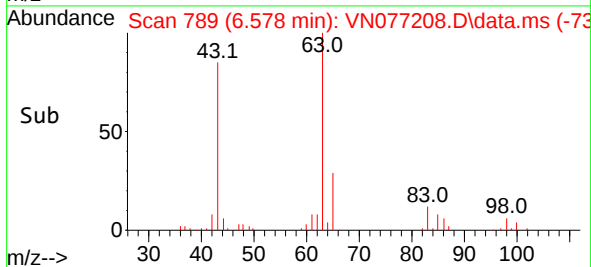
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

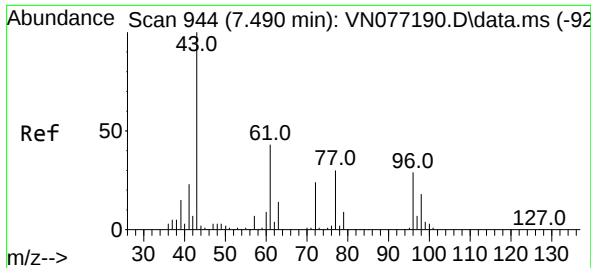


#24
 1,1-Dichloroethane
 Concen: 19.106 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077208.D
 Acq: 27 Mar 2023 18:15



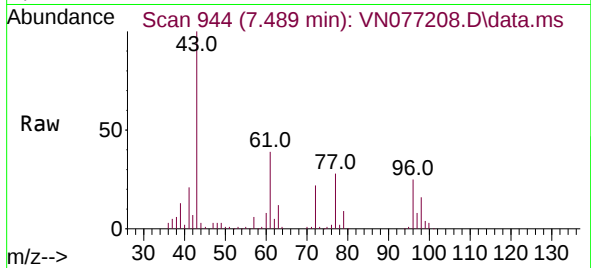
Tgt Ion: 63 Resp: 184444
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.2 12.6
 100 4.0 2.2 6.6





#25
2-Butanone
Concen: 99.286 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

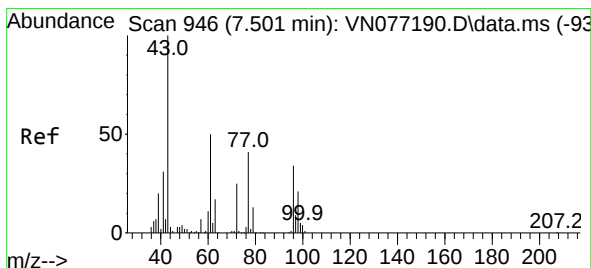
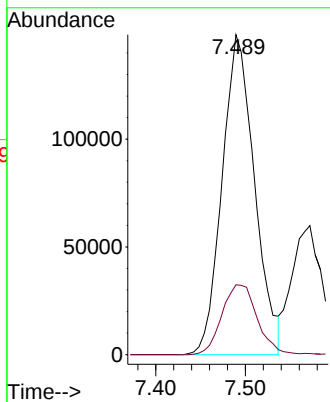
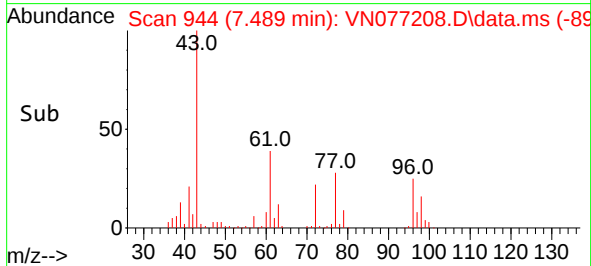
Instrument :
MSVOA_N
Client SampleId :
VN0327WBSD02



Tgt Ion: 43 Resp: 372974
Ion Ratio Lower Upper
43 100
72 21.8 28.8 43.2

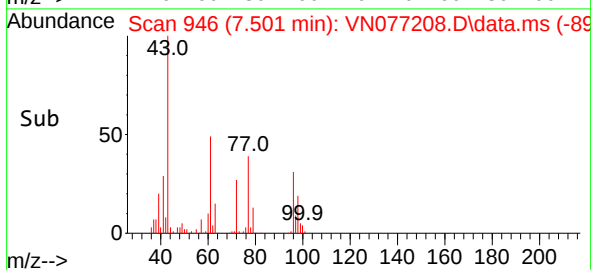
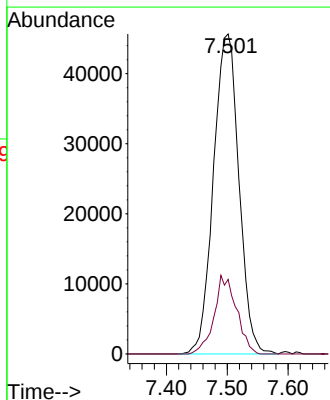
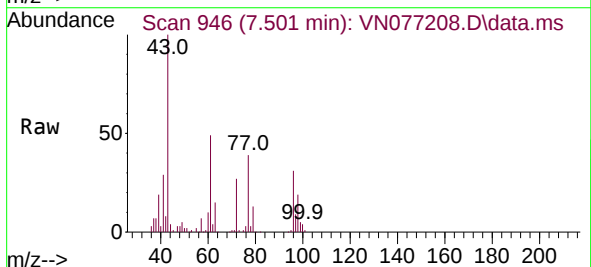
Manual Integrations
APPROVED

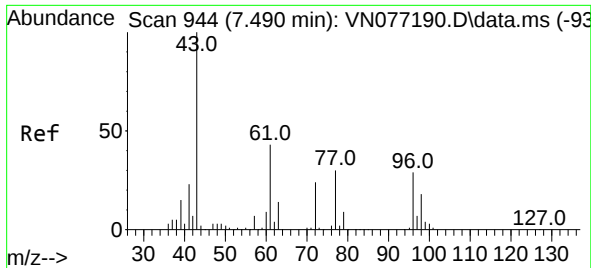
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#26
2,2-Dichloropropane
Concen: 19.930 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

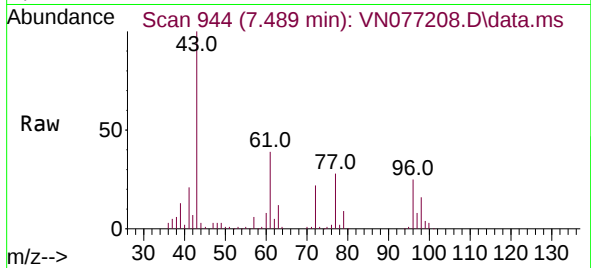
Tgt Ion: 77 Resp: 132679
Ion Ratio Lower Upper
77 100
97 21.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.872 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.001 min
 Lab File: VN077208.D
 Acq: 27 Mar 2023 18:15

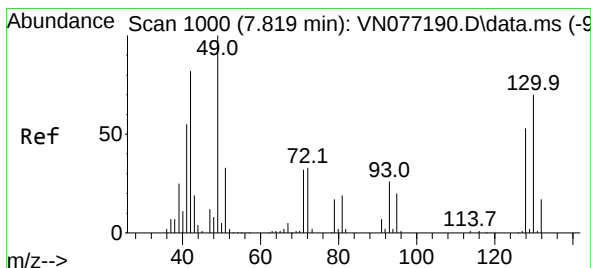
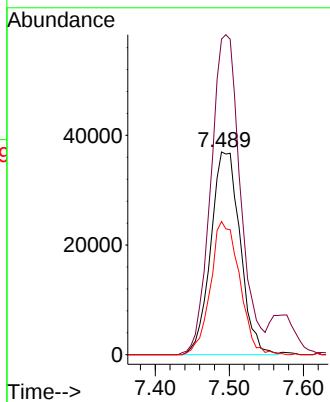
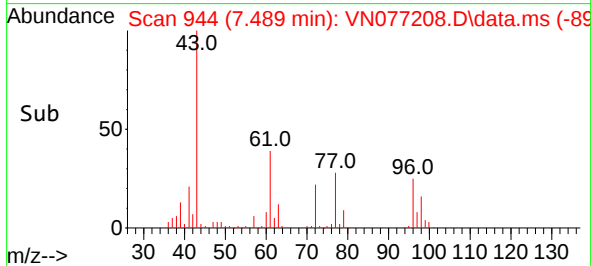
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD02



Tgt Ion: 96 Resp: 101868
 Ion Ratio Lower Upper
 96 100
 61 159.0 0.0 255.6
 98 64.9 0.0 127.4

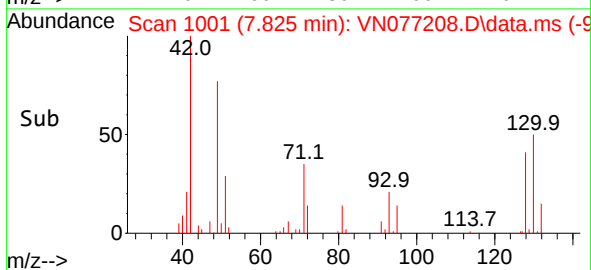
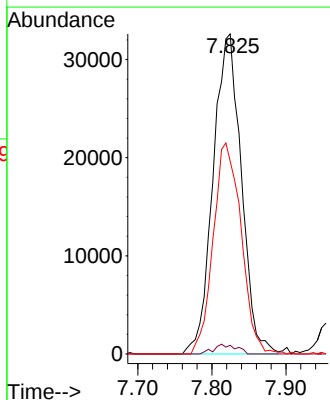
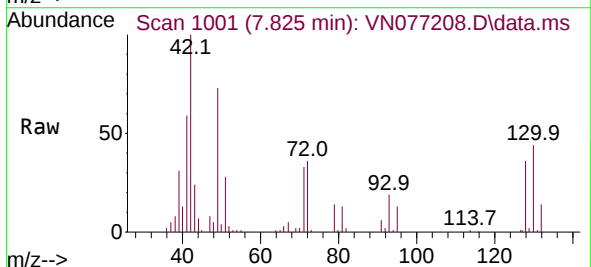
Manual Integrations
 APPROVED

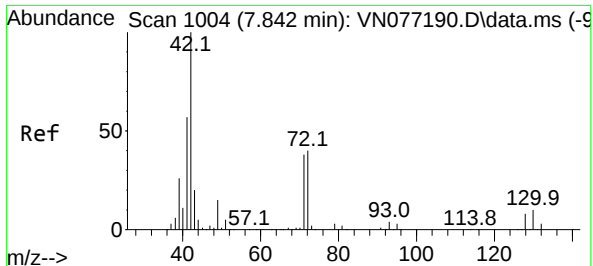
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023



#28
 Bromochloromethane
 Concen: 17.525 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077208.D
 Acq: 27 Mar 2023 18:15

Tgt Ion: 49 Resp: 86274
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 65.3 74.8 112.2#





#29

Tetrahydrofuran

Concen: 99.842 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

Tgt Ion: 42 Resp: 24846

Ion Ratio Lower Upper

42 100

72 39.6 48.6 73.0

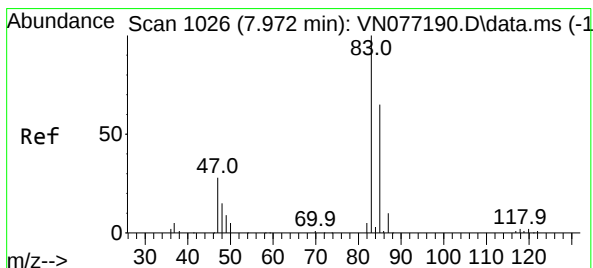
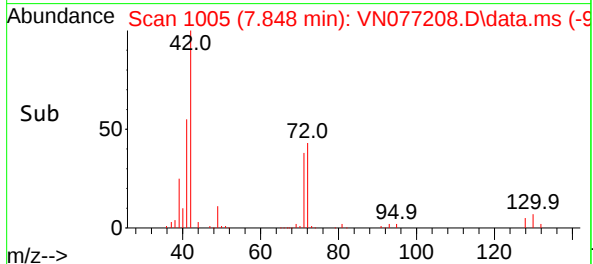
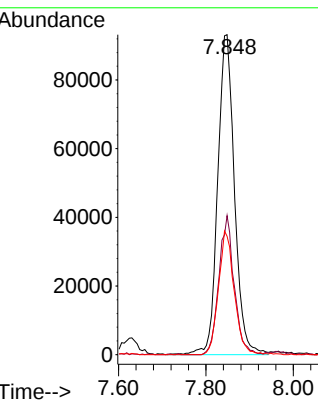
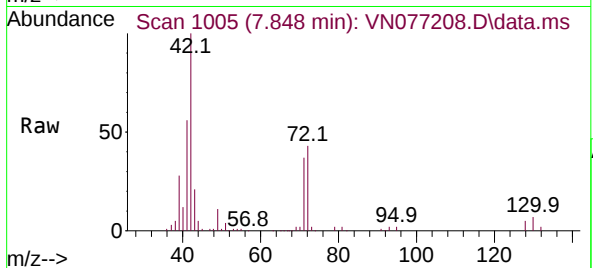
71 36.3 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#30

Chloroform

Concen: 19.195 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077208.D

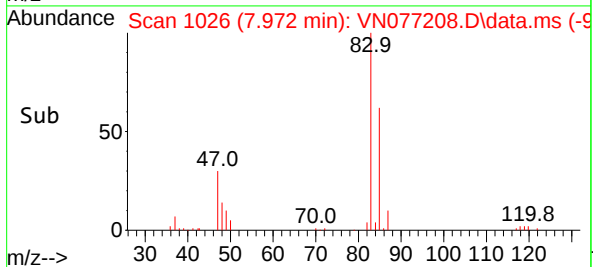
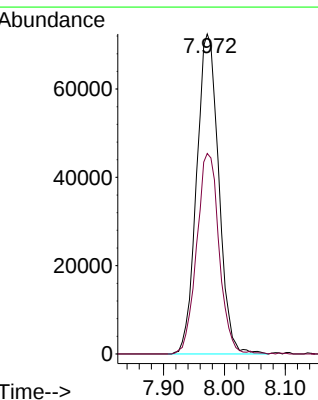
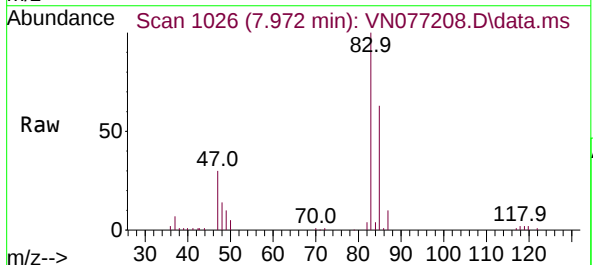
Acq: 27 Mar 2023 18:15

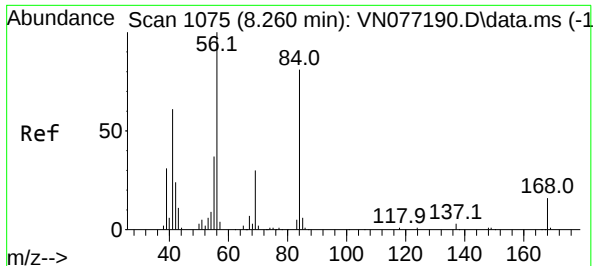
Tgt Ion: 83 Resp: 182517

Ion Ratio Lower Upper

83 100

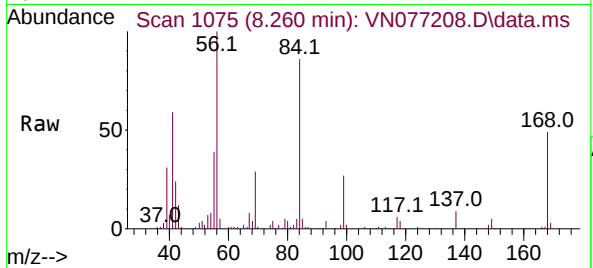
85 62.7 51.3 76.9





#31
Cyclohexane
Concen: 19.641 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

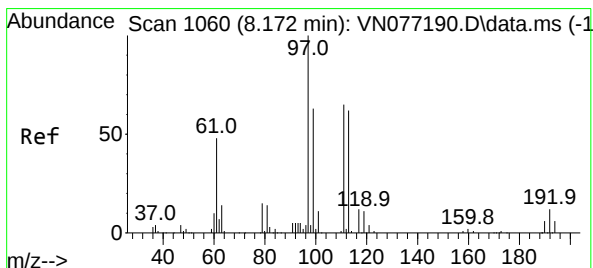
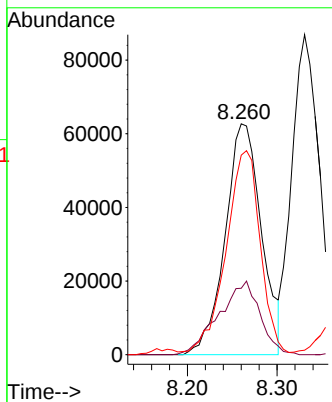
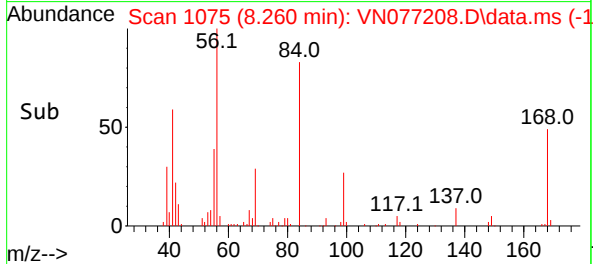
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



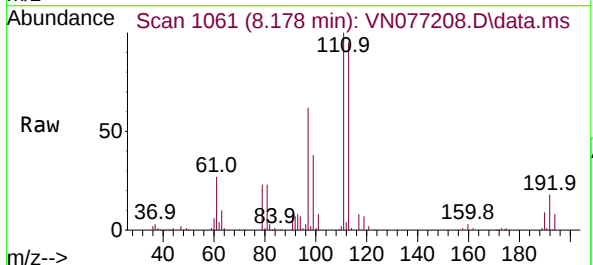
Tgt Ion: 56 Resp: 176300
Ion Ratio Lower Upper
56 100
69 28.4 27.0 40.6
84 85.3 82.9 124.3

Manual Integrations
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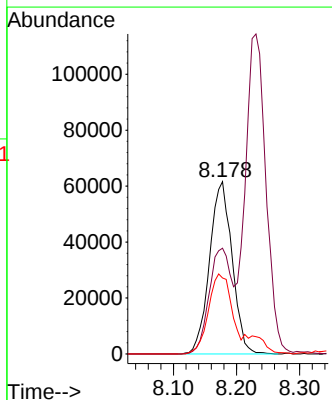
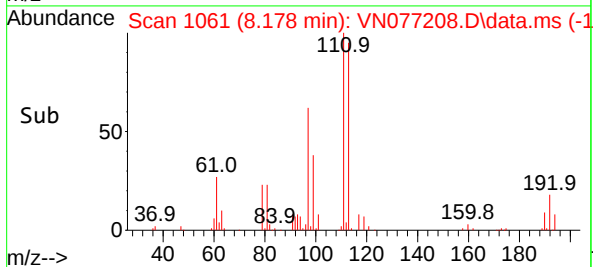
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

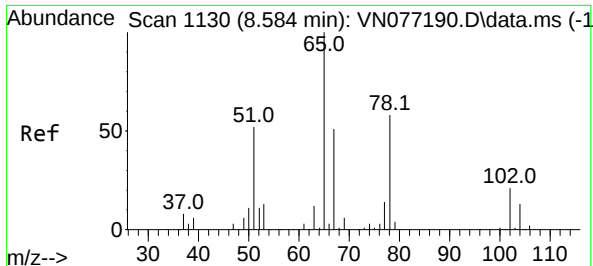


#32
1,1,1-Trichloroethane
Concen: 18.757 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



Tgt Ion: 97 Resp: 153121
Ion Ratio Lower Upper
97 100
99 60.1 51.2 76.8
61 50.5 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 50.580 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

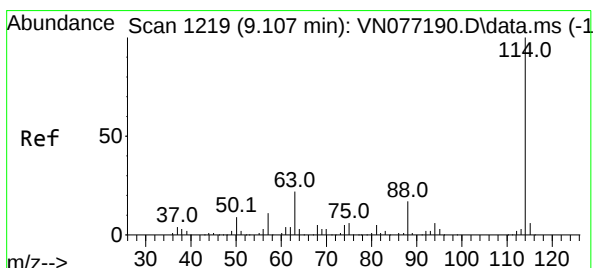
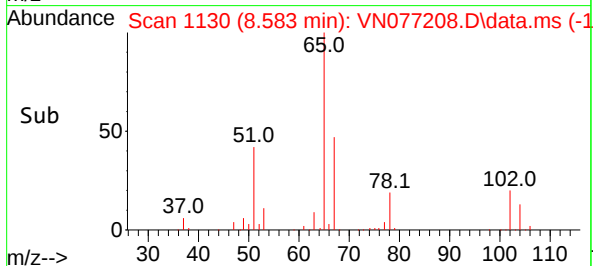
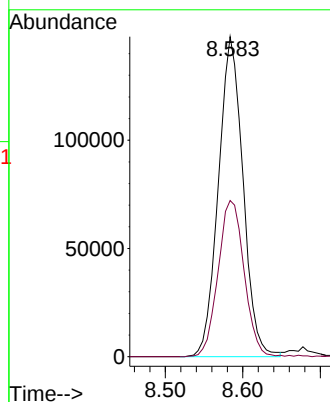
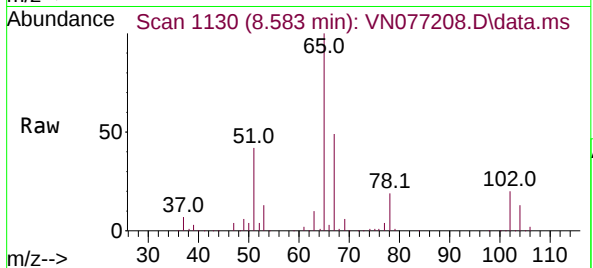
VN0327WBSD02

Tgt Ion: 65 Resp: 326824
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2

Manual Integrations

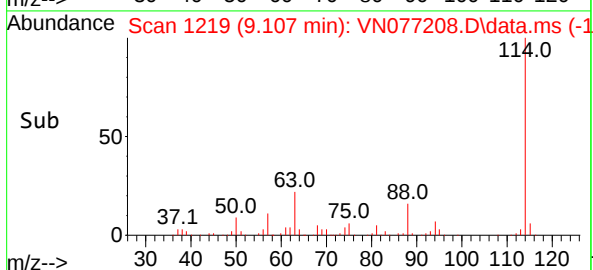
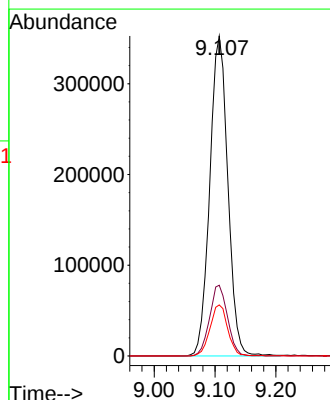
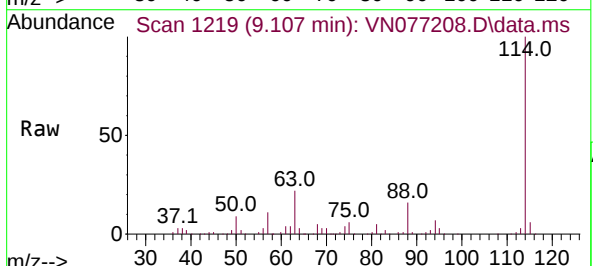
APPROVED

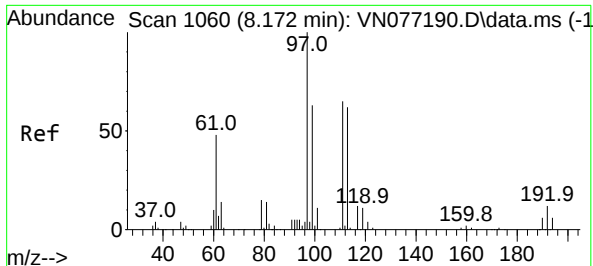
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

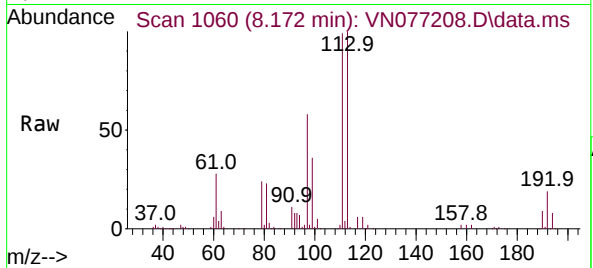
Tgt Ion:114 Resp: 727386
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.6
88 15.9 0.0 28.6





#35
Dibromofluoromethane
Concen: 48.721 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

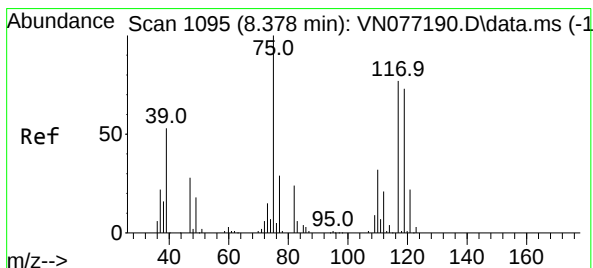
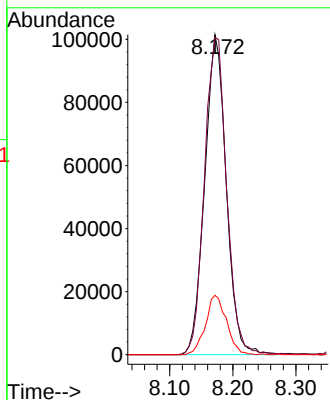
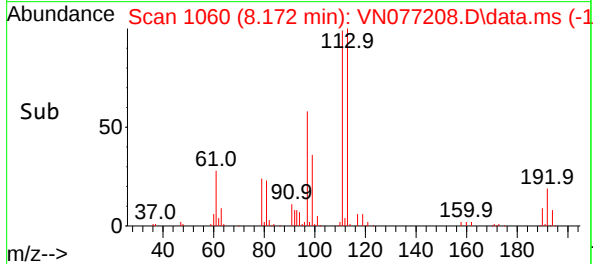
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion:113 Resp: 24047
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 18.1 13.9 20.9

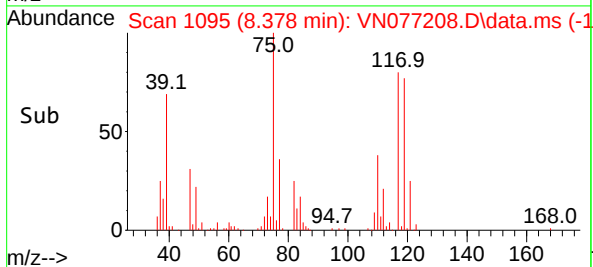
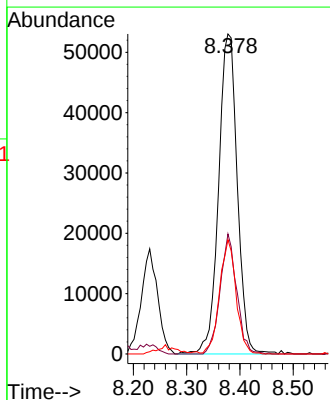
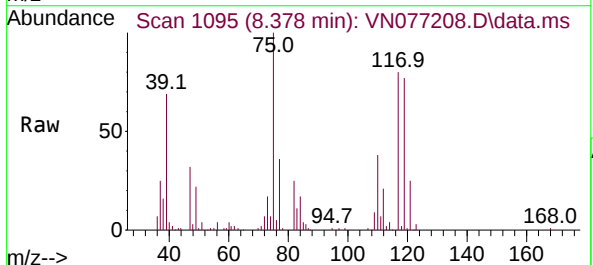
Manual Integrations
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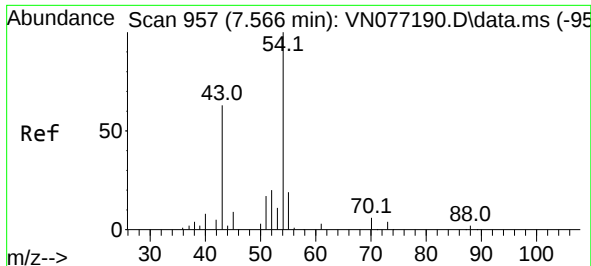
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#36
1,1-Dichloropropene
Concen: 18.829 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

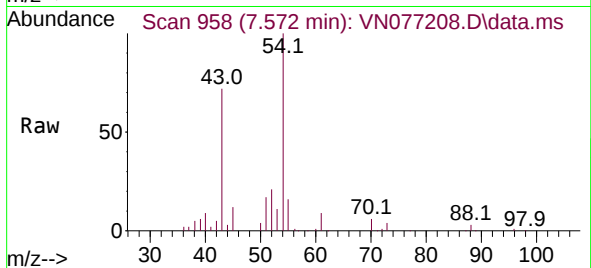
Tgt Ion: 75 Resp: 129345
Ion Ratio Lower Upper
75 100
110 33.2 18.9 56.9
77 31.6 24.9 37.3





#37
Ethyl Acetate
Concen: 19.256 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

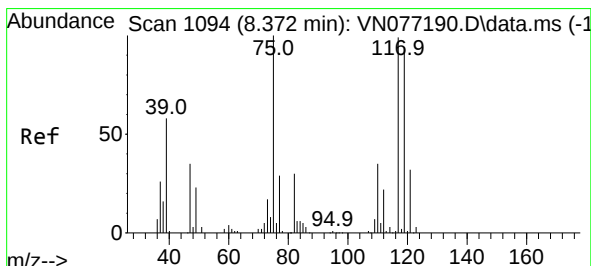
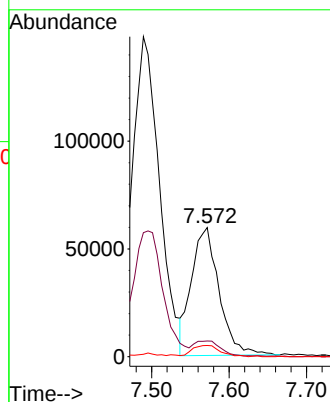
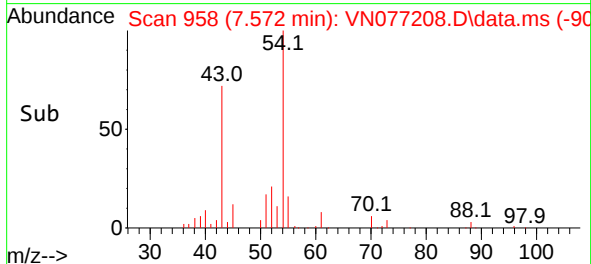
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 43 Resp: 14744
Ion Ratio Lower Upper
43 100
61 11.2 13.5 20.3
70 8.8 11.0 16.6

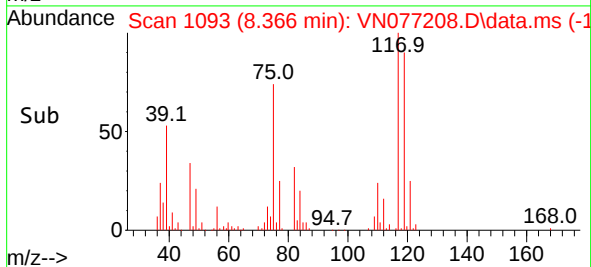
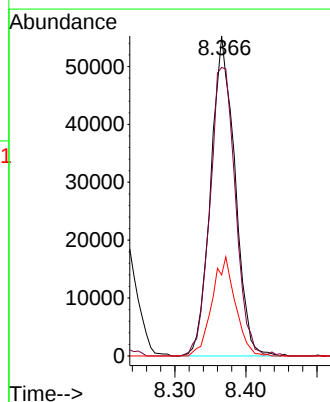
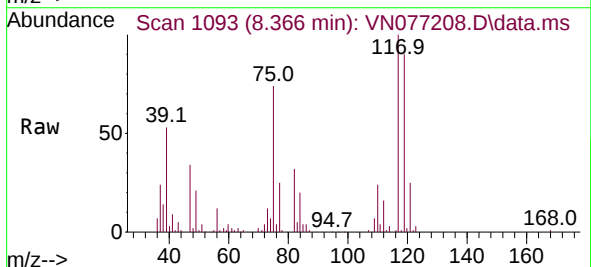
Manual Integrations
APPROVED

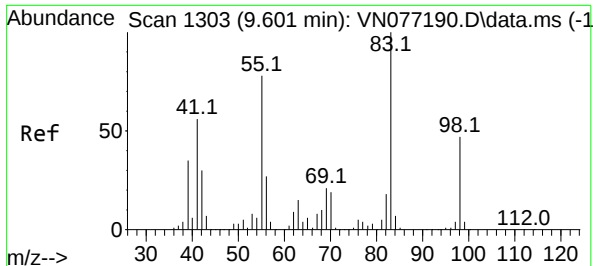
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#38
Carbon Tetrachloride
Concen: 18.726 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion:117 Resp: 130426
Ion Ratio Lower Upper
117 100
119 90.1 76.9 115.3
121 25.3 23.2 34.8





#39

Methylcyclohexane

Concen: 19.464 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

Tgt Ion: 83 Resp: 156164

Ion Ratio Lower Upper

83 100

55 80.9 47.0 70.4

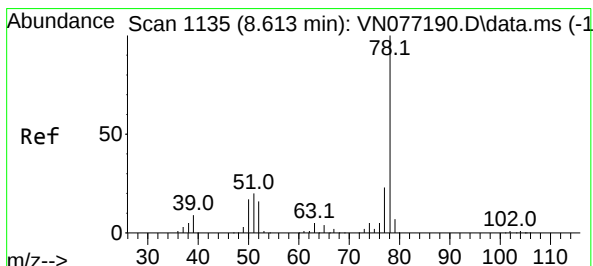
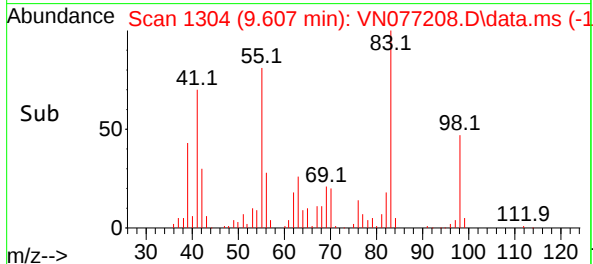
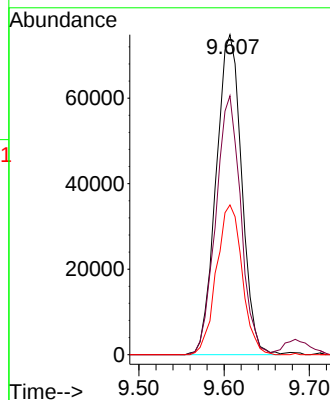
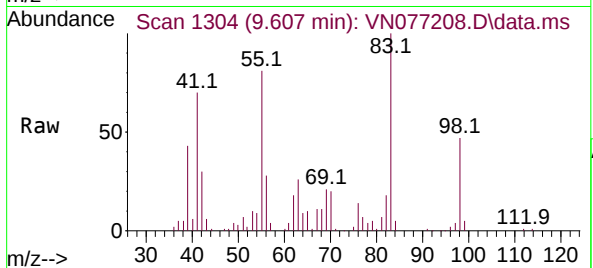
98 46.8 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#40

Benzene

Concen: 18.887 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077208.D

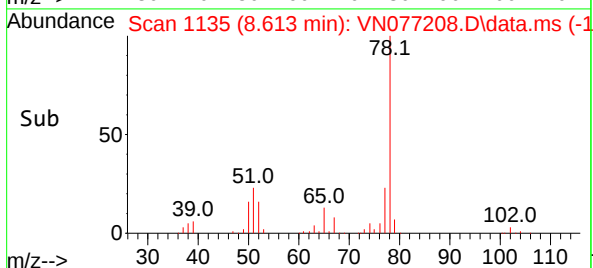
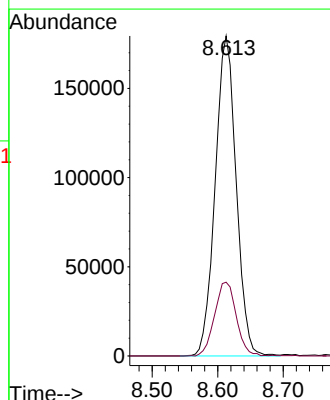
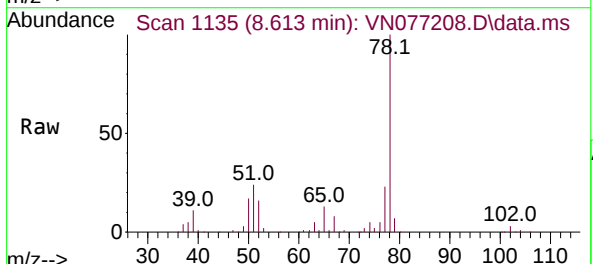
Acq: 27 Mar 2023 18:15

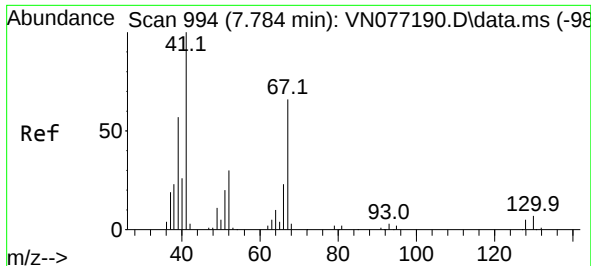
Tgt Ion: 78 Resp: 397623

Ion Ratio Lower Upper

78 100

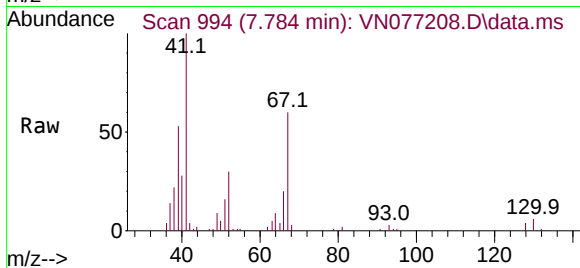
77 23.0 19.3 28.9





#41
Methacrylonitrile
Concen: 19.781 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

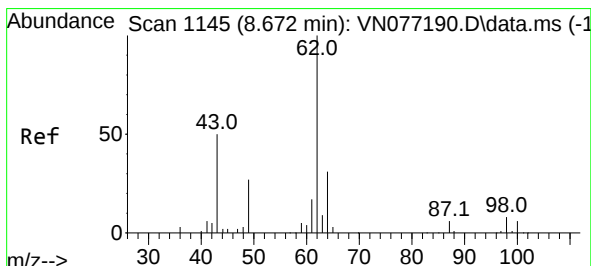
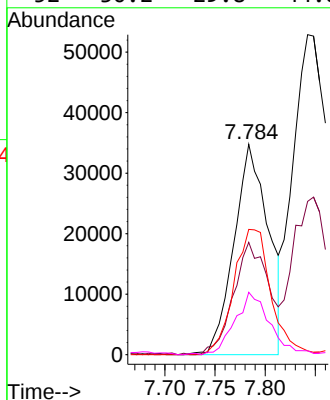
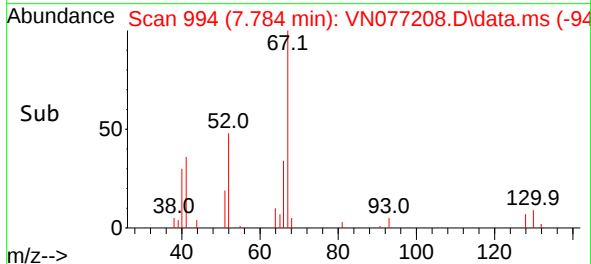
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



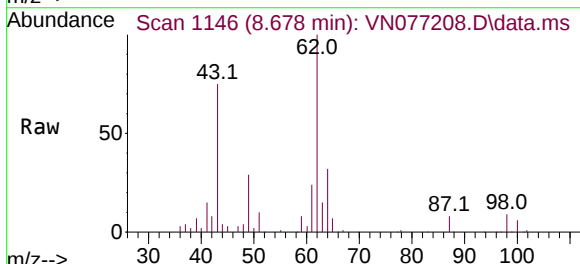
Tgt Ion: 41 Resp: 82782
Ion Ratio Lower Upper
41 100
39 54.6 43.4 65.0
67 64.6 78.6 118.0
52 30.2 29.8 44.8

Manual Integrations
APPROVED

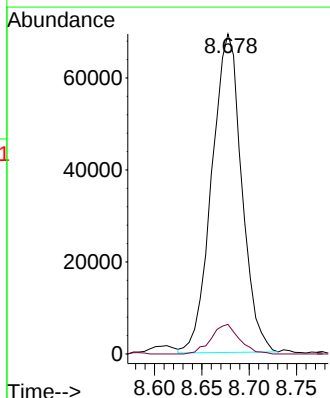
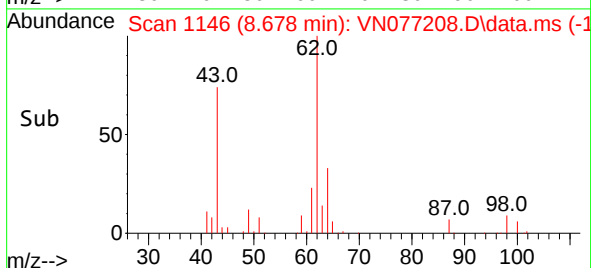
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

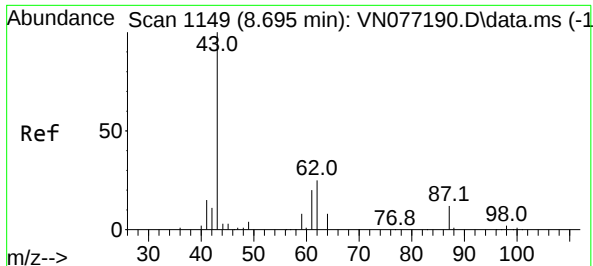


#42
1,2-Dichloroethane
Concen: 19.189 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



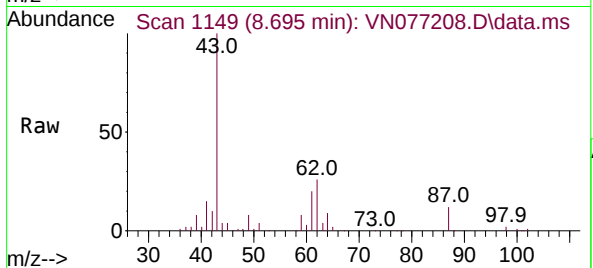
Tgt Ion: 62 Resp: 152321
Ion Ratio Lower Upper
62 100
98 8.8 0.0 21.8





#43
Isopropyl Acetate
Concen: 18.862 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

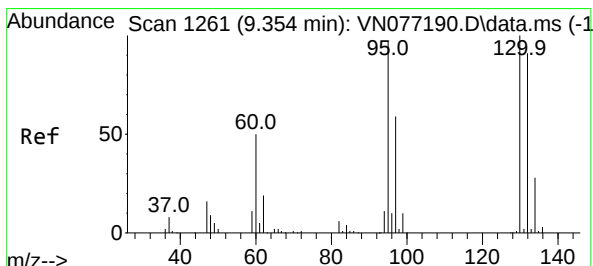
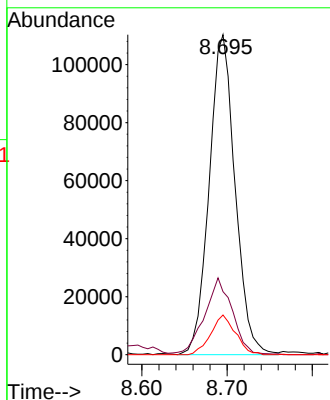
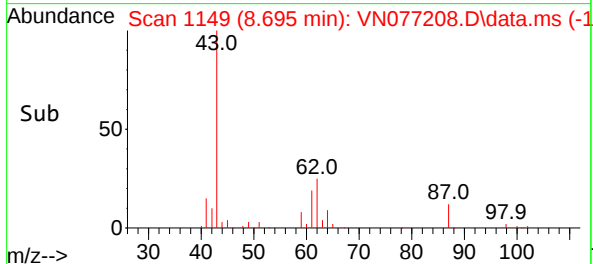
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



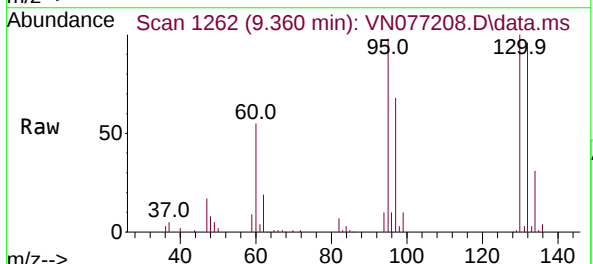
Tgt Ion: 43 Resp: 23299
Ion Ratio Lower Upper
43 100
61 25.9 26.2 39.2
87 11.8 14.8 22.2

Manual Integrations
APPROVED

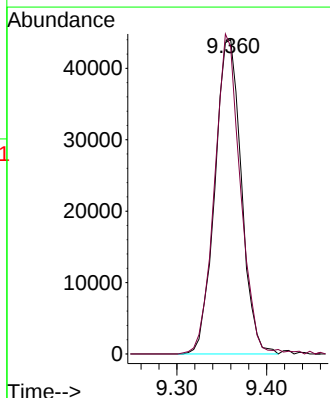
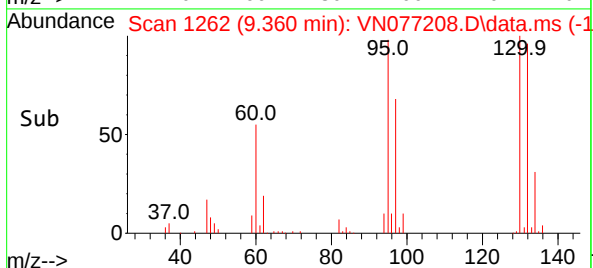
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

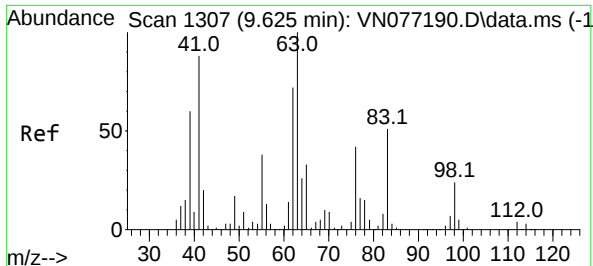


#44
Trichloroethene
Concen: 18.650 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



Tgt Ion:130 Resp: 89961
Ion Ratio Lower Upper
130 100
95 97.8 0.0 208.6





#45

1,2-Dichloropropane

Concen: 18.463 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

Tgt Ion: 63 Resp: 103370

Ion Ratio Lower Upper

63 100

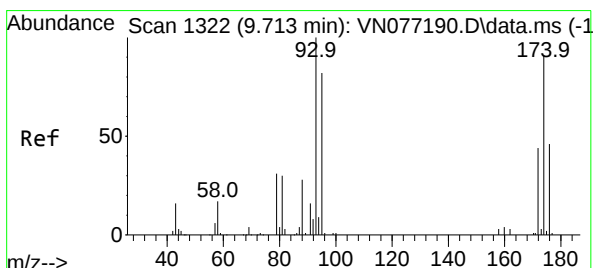
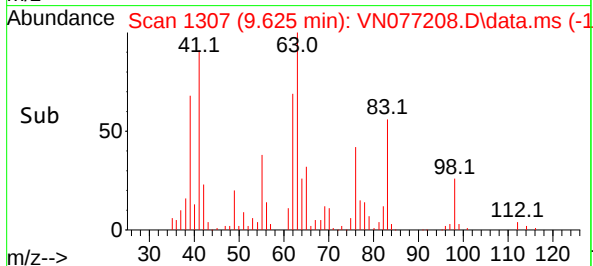
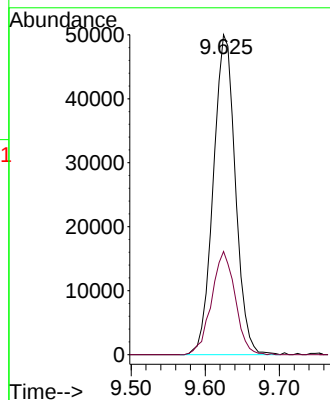
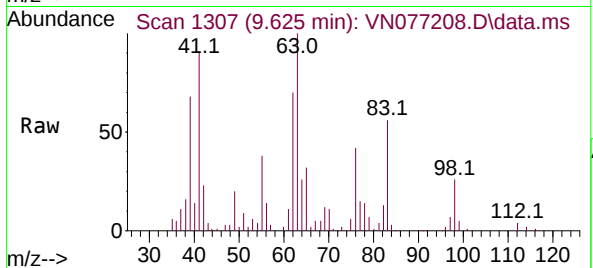
65 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#46

Dibromomethane

Concen: 18.692 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

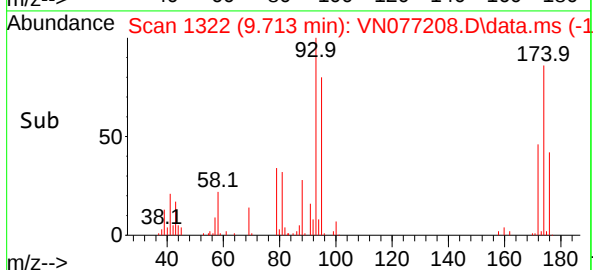
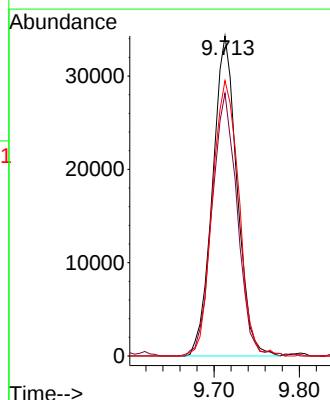
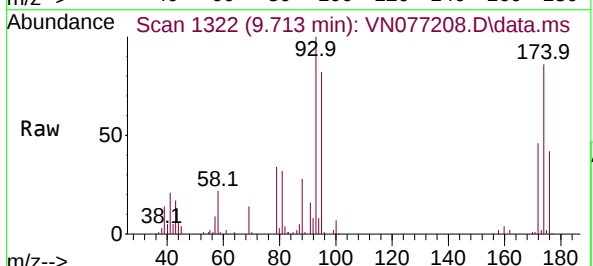
Tgt Ion: 93 Resp: 68400

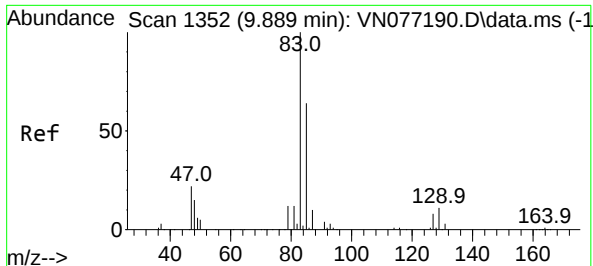
Ion Ratio Lower Upper

93 100

95 84.5 65.7 98.5

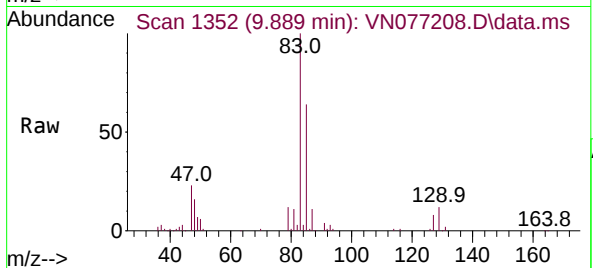
174 92.7 69.3 103.9





#47
Bromodichloromethane
Concen: 18.935 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

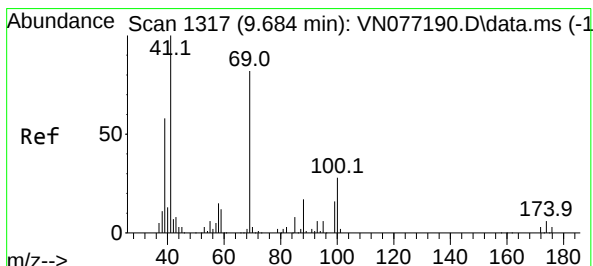
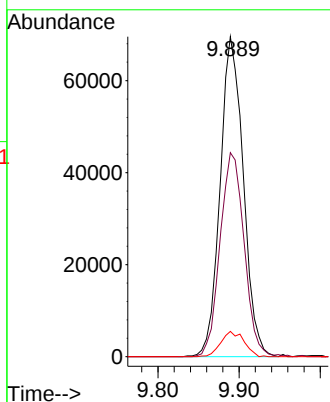
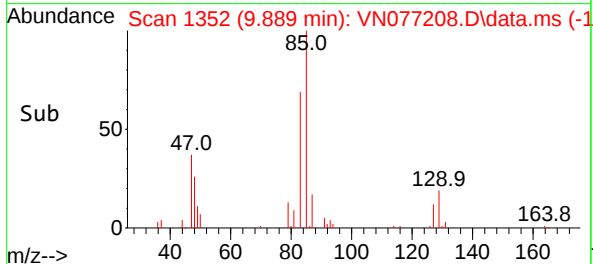
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



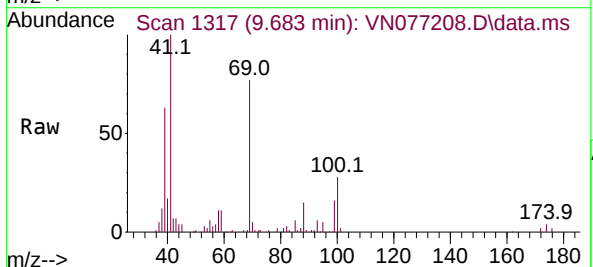
Tgt Ion: 83 Resp: 137812
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 7.9 7.0 10.6

Manual Integrations
APPROVED

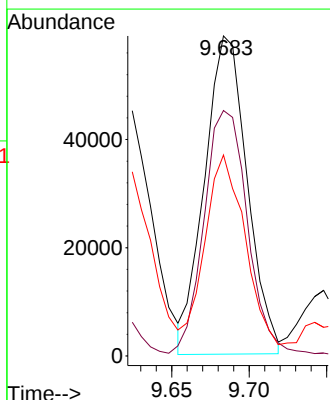
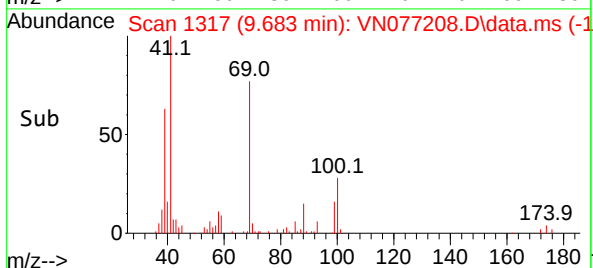
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

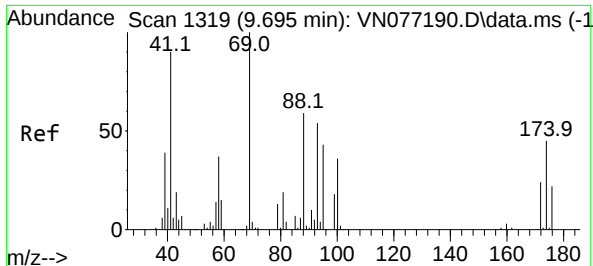


#48
Methyl methacrylate
Concen: 18.911 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



Tgt Ion: 41 Resp: 112491
Ion Ratio Lower Upper
41 100
69 80.1 92.6 139.0#
39 62.3 51.4 77.0





#49

1,4-Dioxane

Concen: 386.955 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

Tgt Ion: 88 Resp: 3924

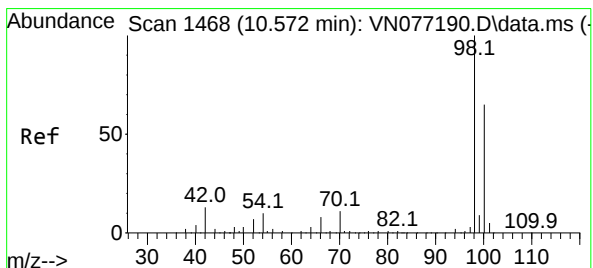
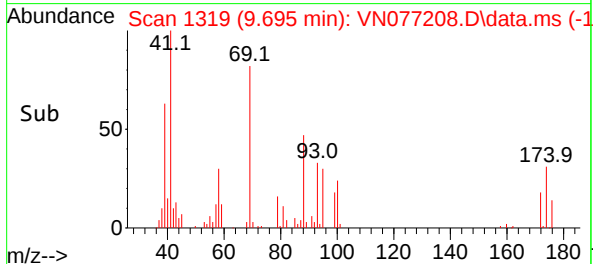
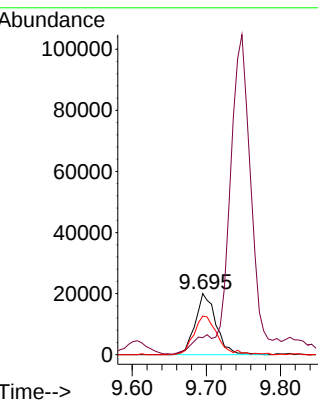
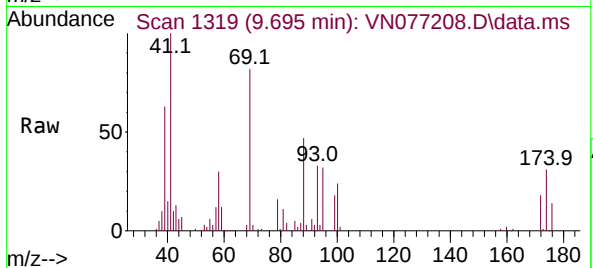
Ion	Ratio	Lower	Upper
88	100		
43	0.0	15.3	22.9
58	71.7	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#50

Toluene-d8

Concen: 49.813 ug/l

RT: 10.572 min Scan# 1468

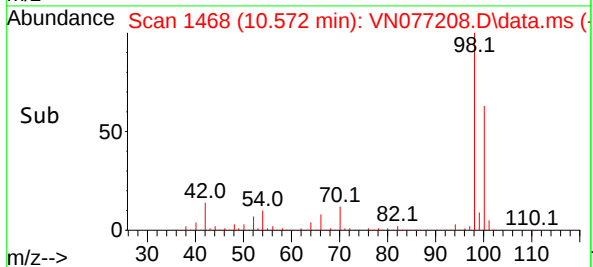
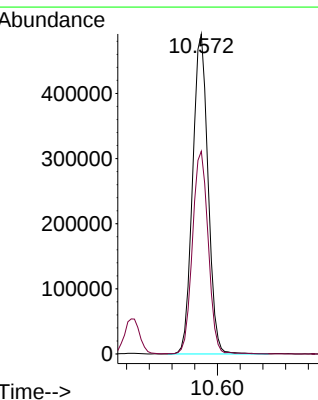
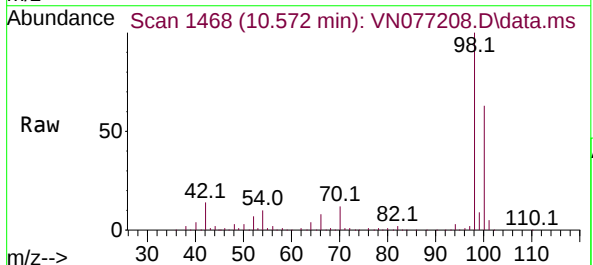
Delta R.T. -0.000 min

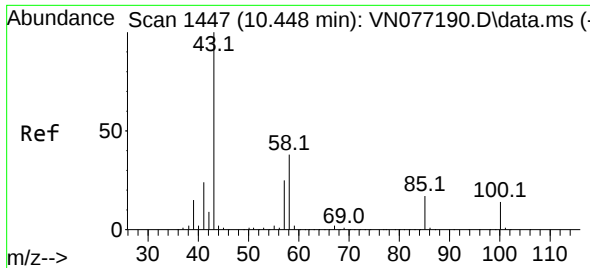
Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Tgt Ion: 98 Resp: 921249

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2





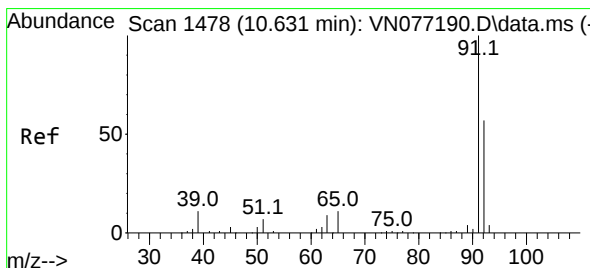
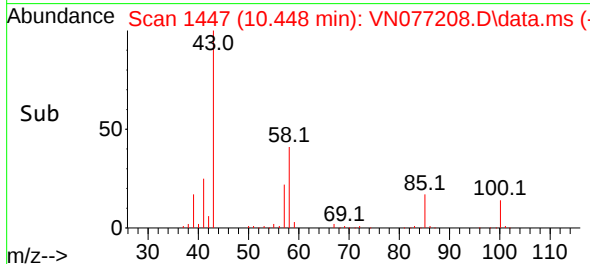
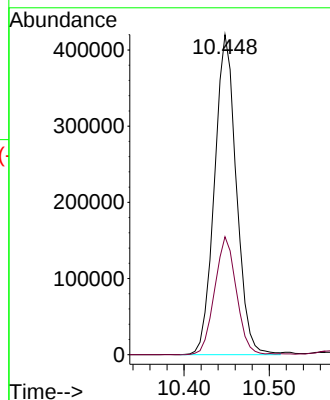
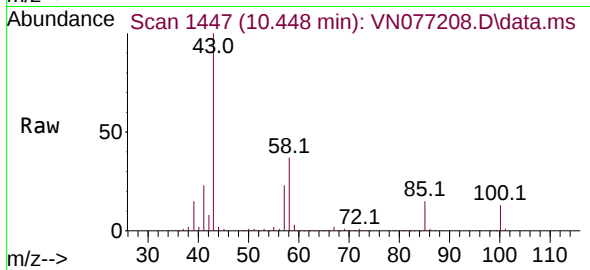
#51
4-Methyl-2-Pentanone
Concen: 96.377 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion: 43 Resp: 749072
Ion Ratio Lower Upper
43 100
58 36.9 37.4 56.0

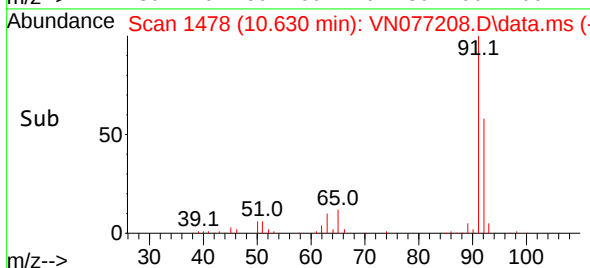
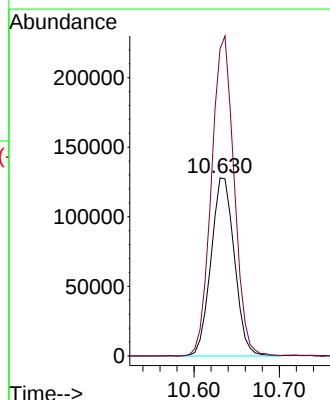
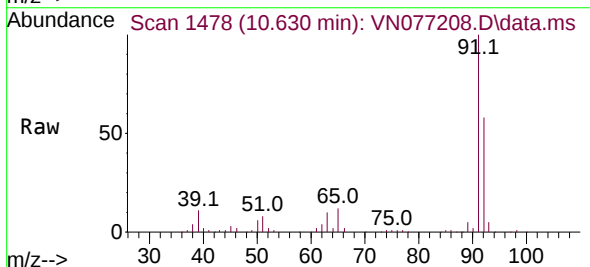
Manual Integrations
APPROVED

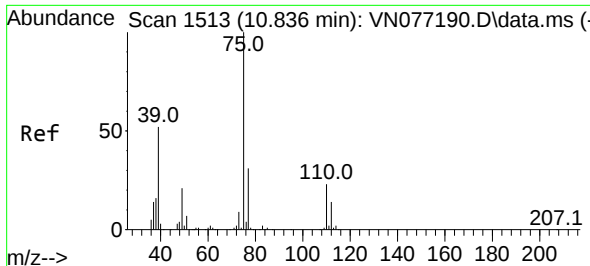
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#52
Toluene
Concen: 18.988 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion: 92 Resp: 243795
Ion Ratio Lower Upper
92 100
91 174.6 138.2 207.2





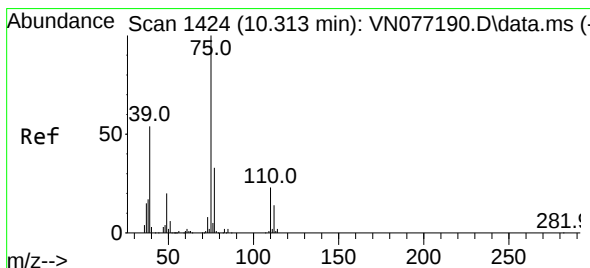
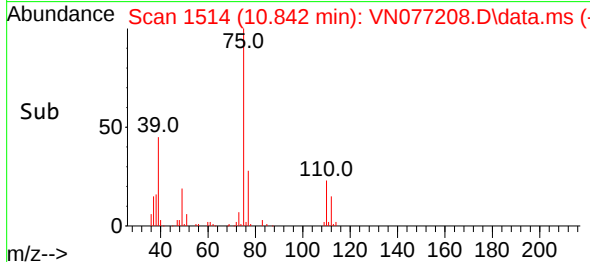
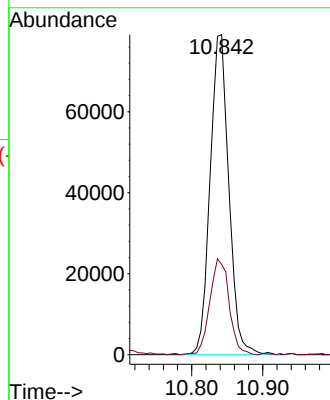
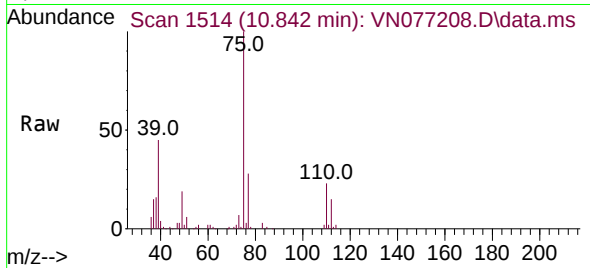
#53
t-1,3-Dichloropropene
Concen: 19.599 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion: 75 Resp: 14474
Ion Ratio Lower Upper
75 100
77 28.2 25.0 37.6

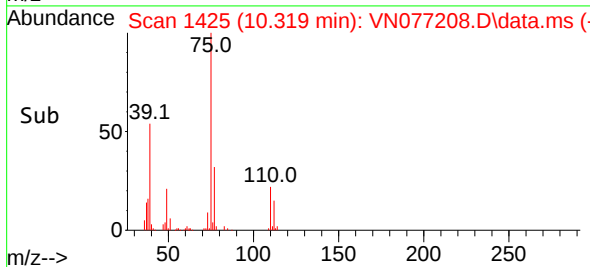
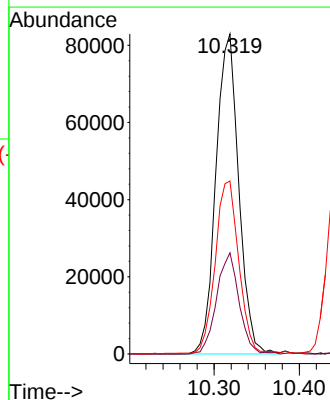
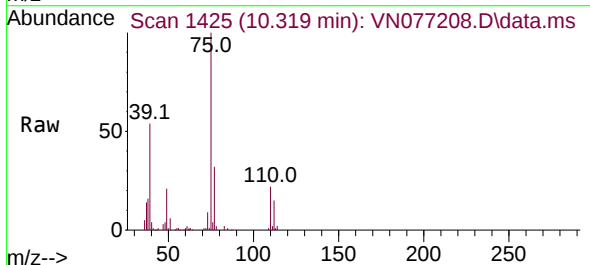
Manual Integrations
APPROVED

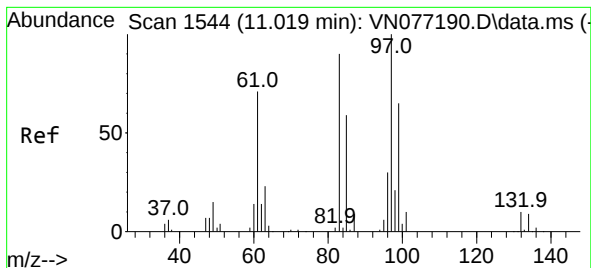
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#54
cis-1,3-Dichloropropene
Concen: 19.109 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

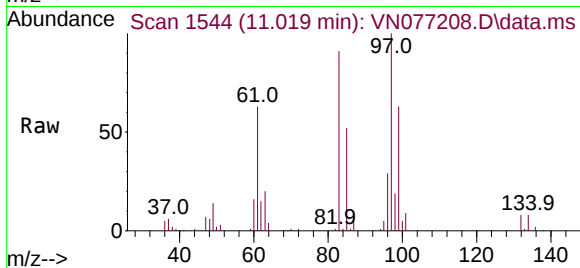
Tgt Ion: 75 Resp: 154451
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 53.8 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 19.234 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

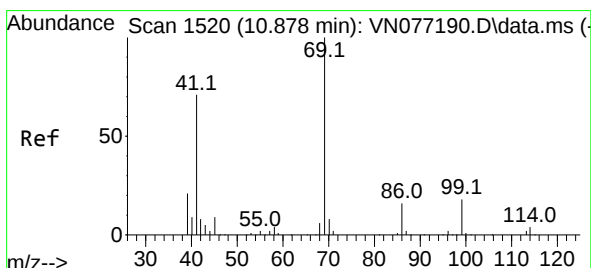
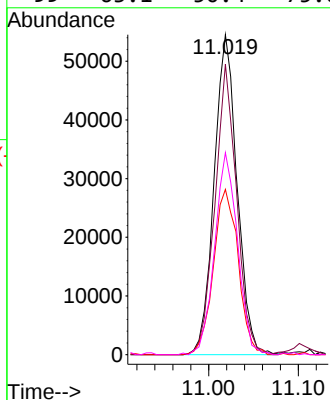
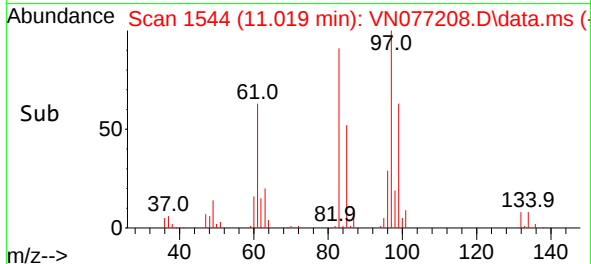
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion:	97	Resp:	9694
Ion Ratio	Lower	Upper	
97	100		
83	90.8	67.1	100.7
85	51.6	41.8	62.8
99	63.1	50.4	75.6

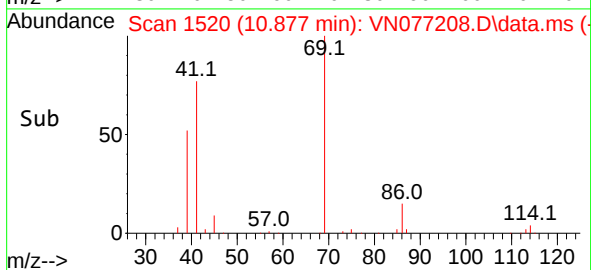
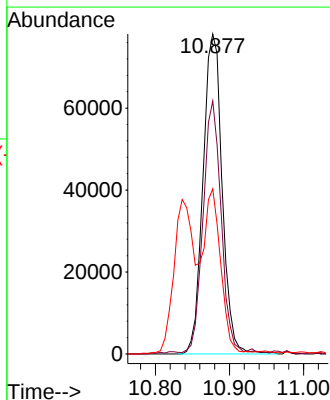
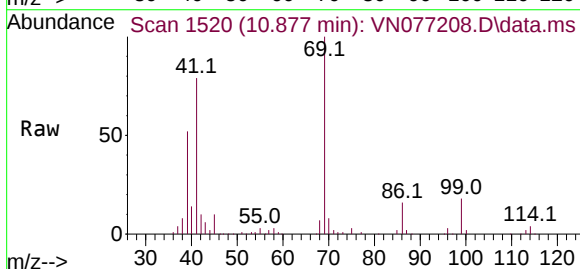
Manual Integrations
APPROVED

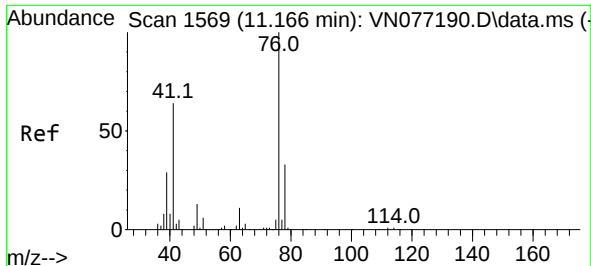
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#56
Ethyl methacrylate
Concen: 18.834 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

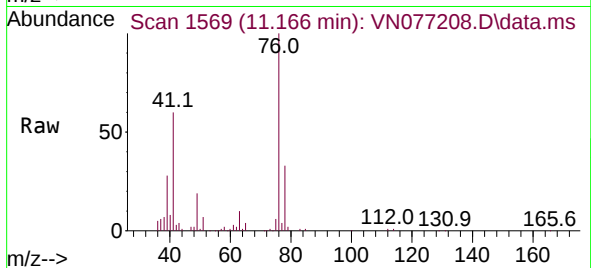
Tgt Ion:	69	Resp:	140128
Ion Ratio	Lower	Upper	
69	100		
41	73.4	38.0	57.0#
39	42.5	22.4	33.6#





#57
1,3-Dichloropropane
Concen: 19.203 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

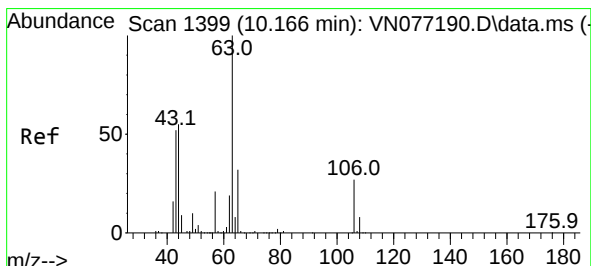
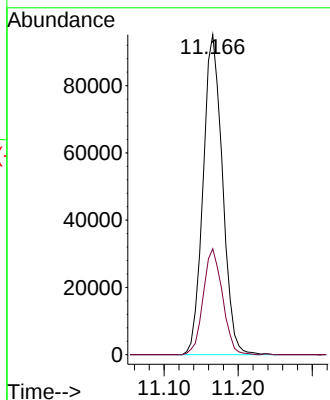
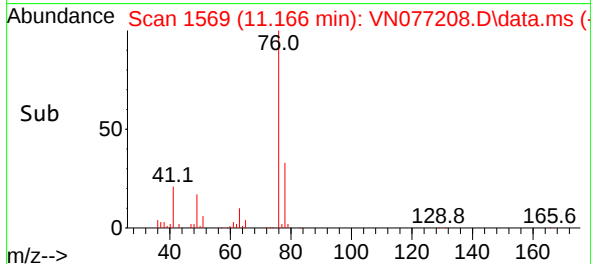
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 76 Resp: 17254
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

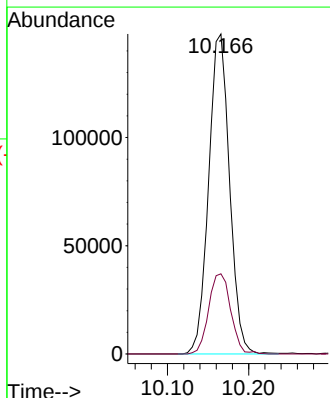
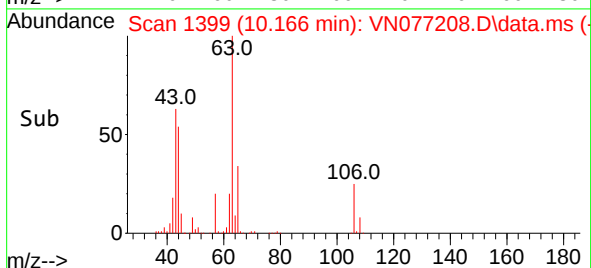
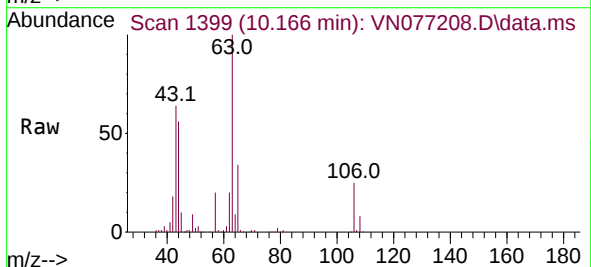
Manual Integrations
APPROVED

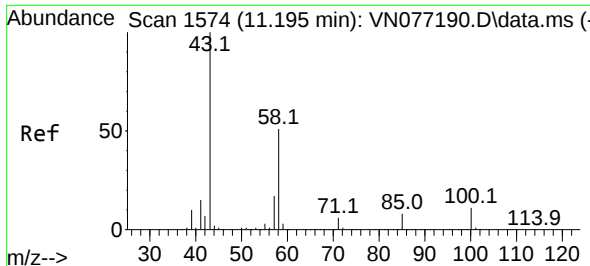
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 91.066 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

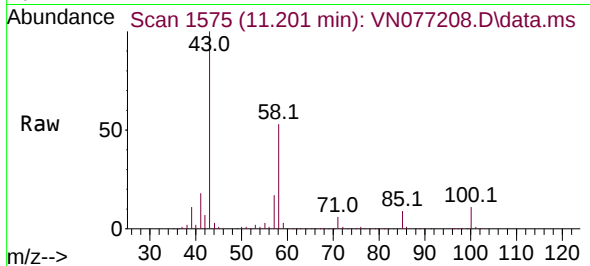
Tgt Ion: 63 Resp: 264303
Ion Ratio Lower Upper
63 100
106 26.4 25.6 38.4





#59
2-Hexanone
Concen: 94.891 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

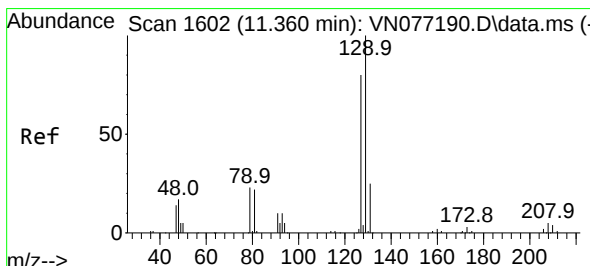
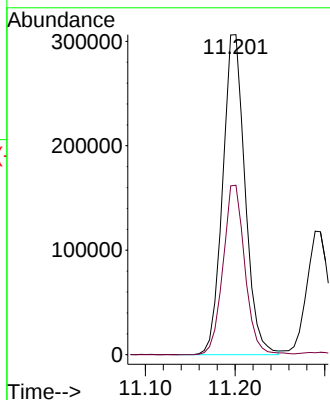
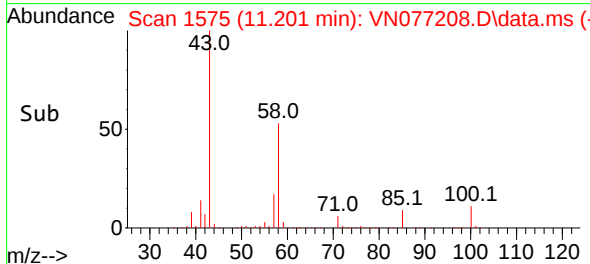
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 43 Resp: 53004
Ion Ratio Lower Upper
43 100
58 51.9 32.6 98.0

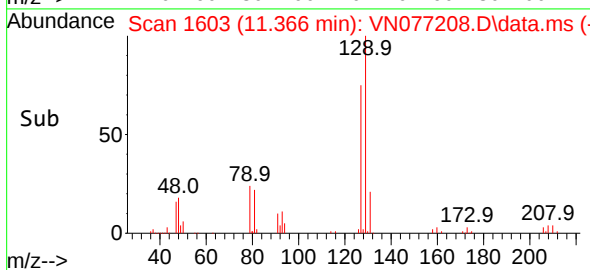
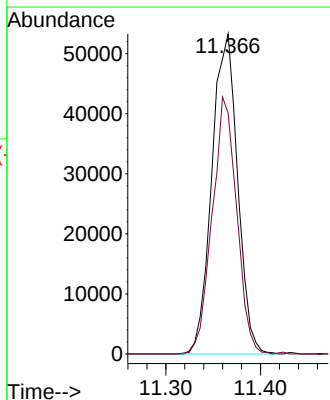
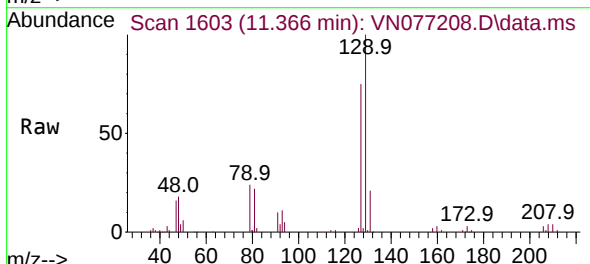
Manual Integrations
APPROVED

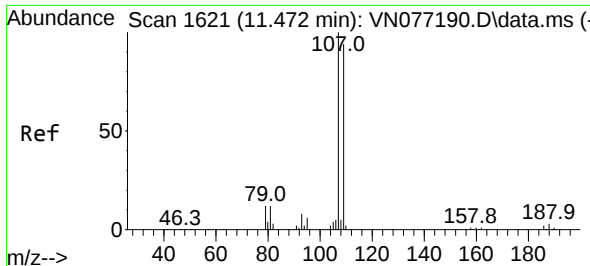
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#60
Dibromochloromethane
Concen: 19.443 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

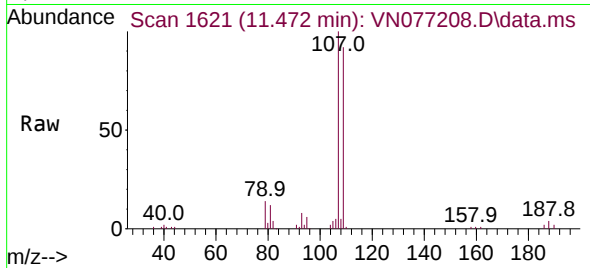
Tgt Ion:129 Resp: 100670
Ion Ratio Lower Upper
129 100
127 76.1 39.6 118.8





#61
1,2-Dibromoethane
Concen: 18.721 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

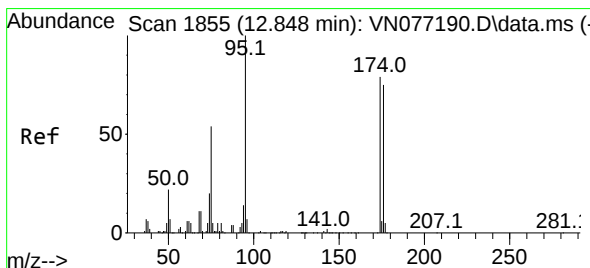
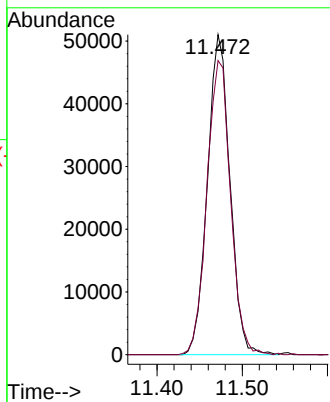
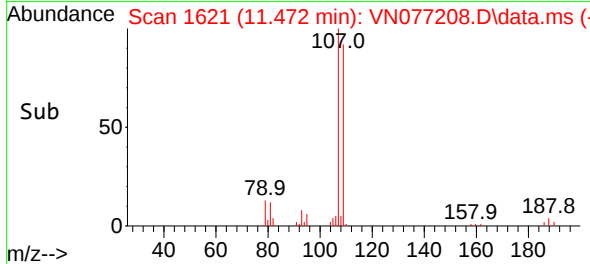
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



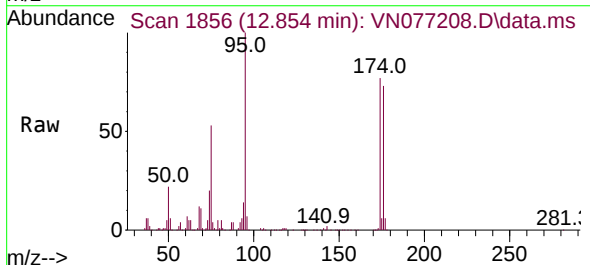
Tgt Ion:107 Resp: 93773
Ion Ratio Lower Upper
107 100
109 96.4 75.9 113.9

Manual Integrations
APPROVED

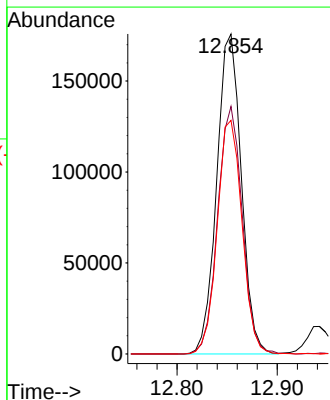
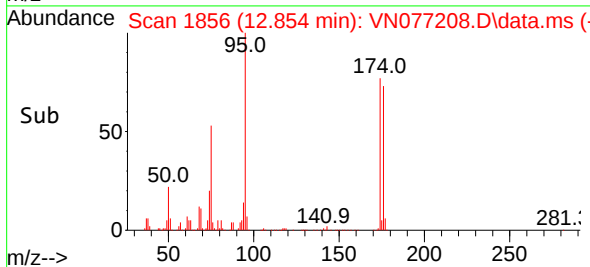
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

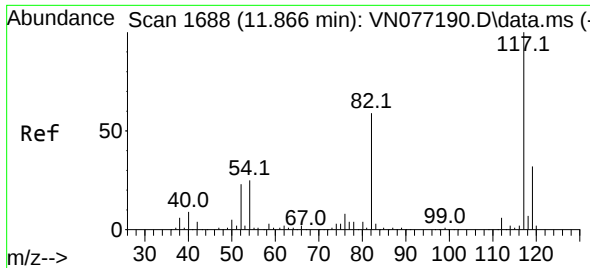


#62
4-Bromofluorobenzene
Concen: 49.367 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



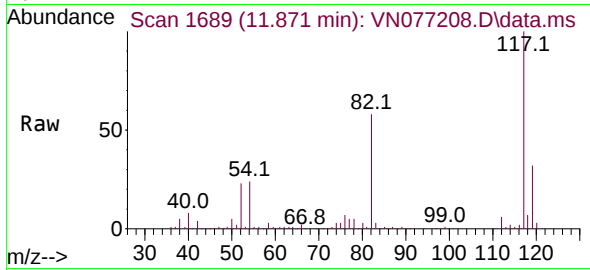
Tgt Ion: 95 Resp: 299644
Ion Ratio Lower Upper
95 100
174 77.3 0.0 162.4
176 73.8 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11872
Delta R.T. 0.005 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

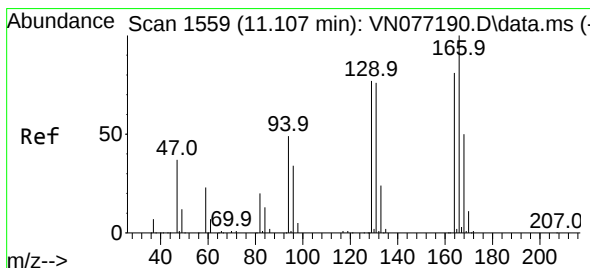
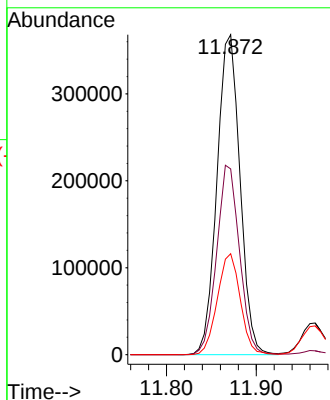
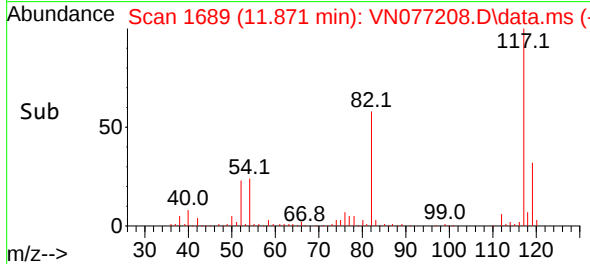
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion:117 Resp: 65663
Ion Ratio Lower Upper
117 100
82 58.0 43.5 65.3
119 31.6 25.5 38.3

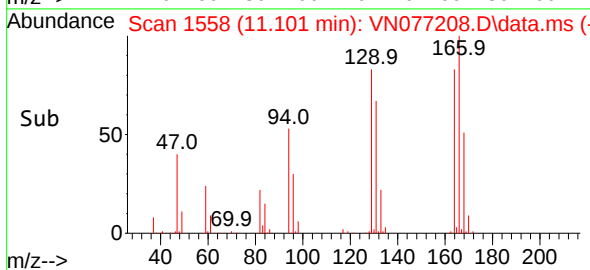
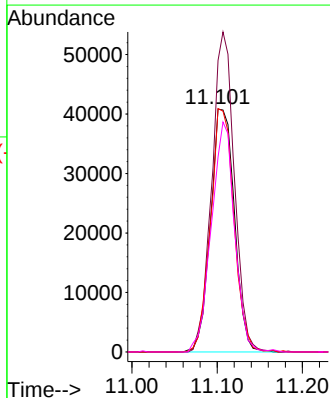
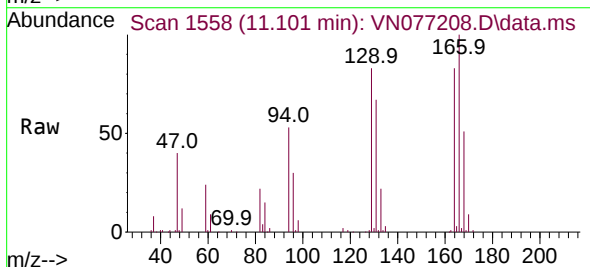
Manual Integrations
APPROVED

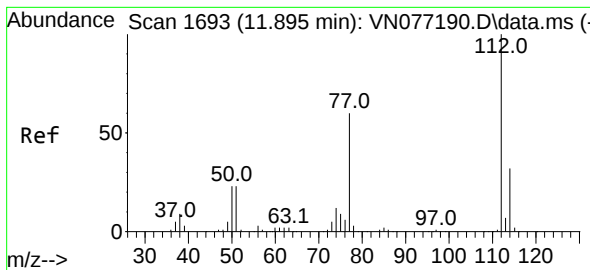
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#64
Tetrachloroethene
Concen: 19.499 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion:164 Resp: 79423
Ion Ratio Lower Upper
164 100
166 120.1 102.7 154.1
129 100.2 81.5 122.3
131 80.3 77.7 116.5





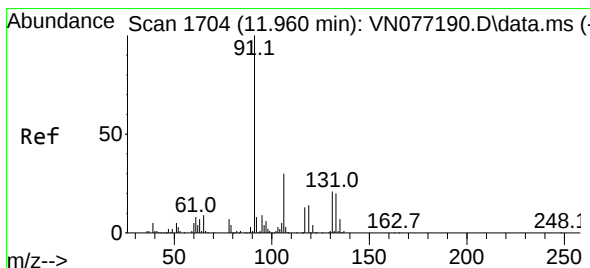
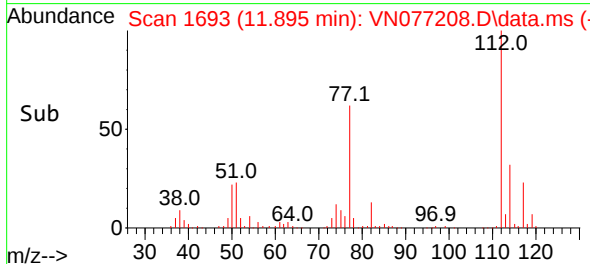
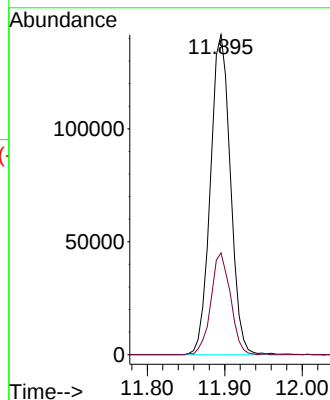
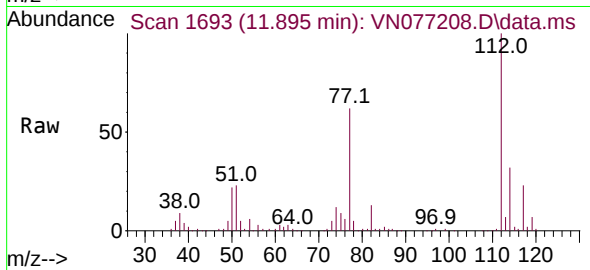
#65
Chlorobenzene
Concen: 19.285 ug/l
RT: 11.895 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion:112 Resp: 255140
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

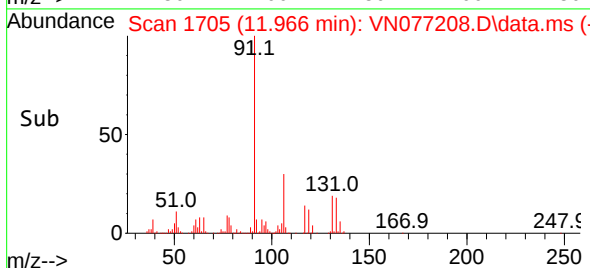
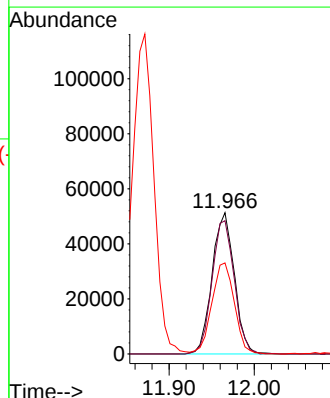
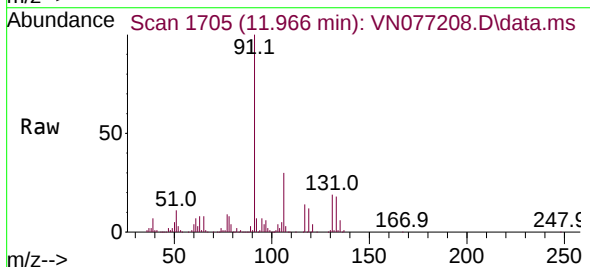
Manual Integrations
APPROVED

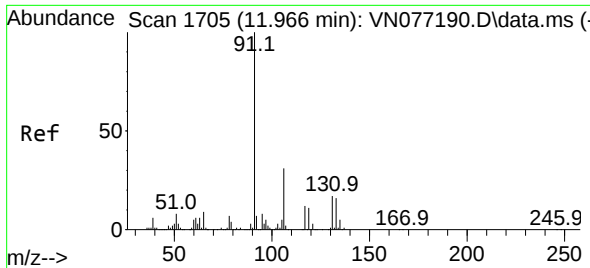
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.265 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion:131 Resp: 93114
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.8
119 65.1 33.1 99.2





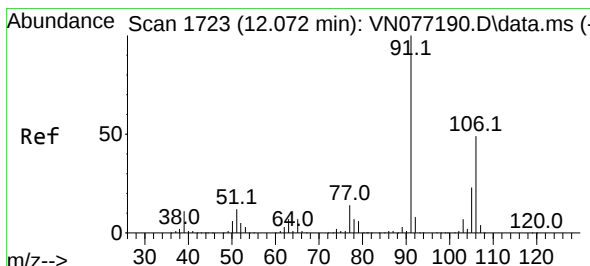
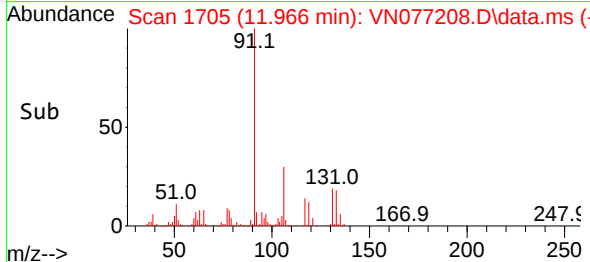
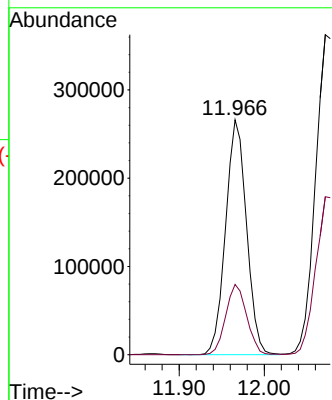
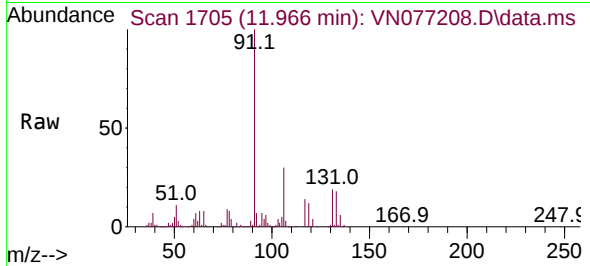
#67
Ethyl Benzene
Concen: 18.870 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion: 91 Resp: 454164
Ion Ratio Lower Upper
91 100
106 29.9 25.1 37.7

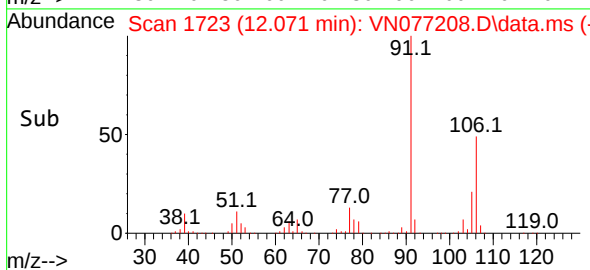
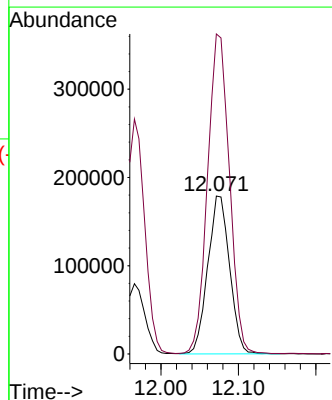
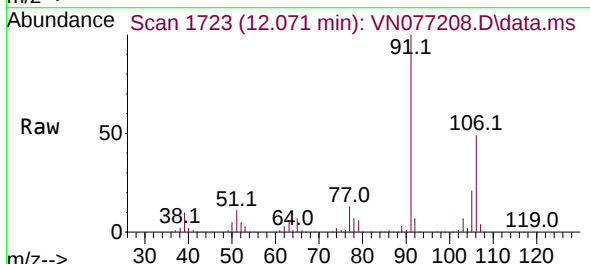
Manual Integrations
APPROVED

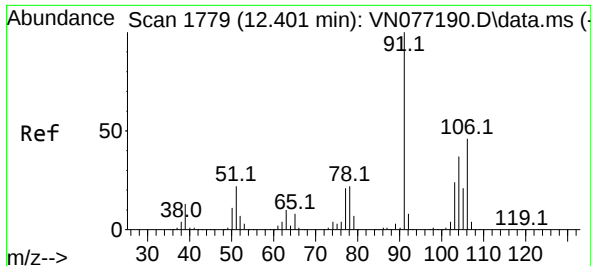
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#68
m/p-Xylenes
Concen: 38.175 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

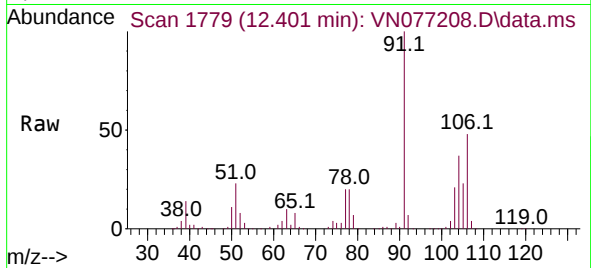
Tgt Ion:106 Resp: 349464
Ion Ratio Lower Upper
106 100
91 203.1 158.0 237.0





#69
o-Xylene
Concen: 19.287 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

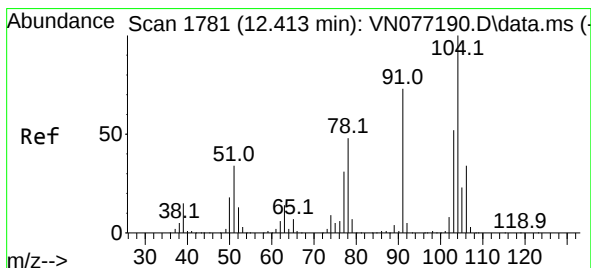
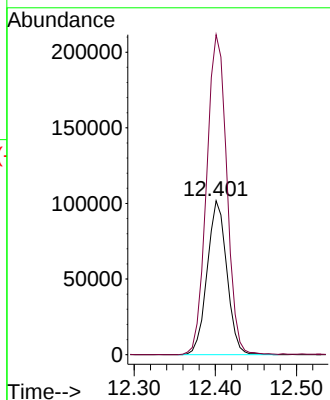
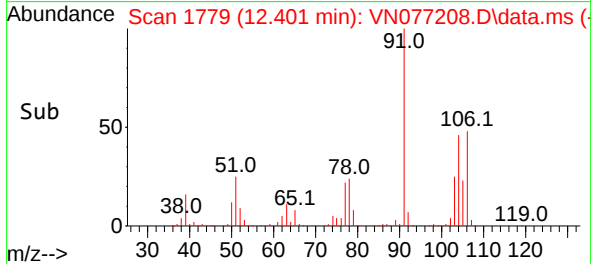
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion:106 Resp: 170974
Ion Ratio Lower Upper
106 100
91 213.7 101.8 305.4

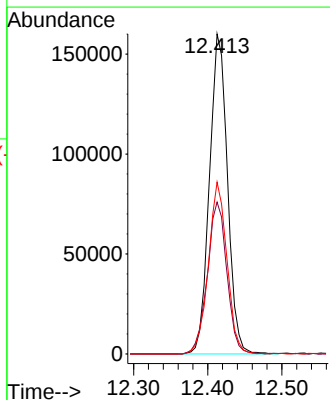
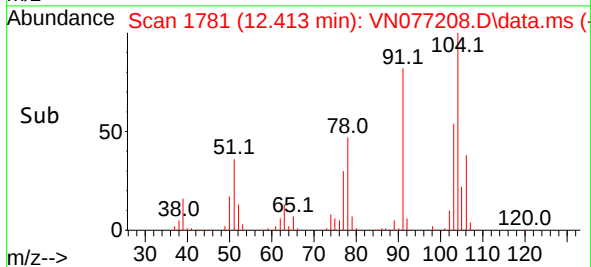
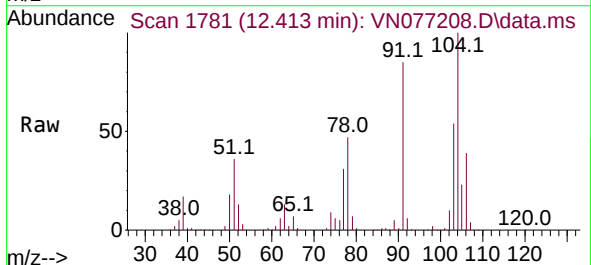
Manual Integrations
APPROVED

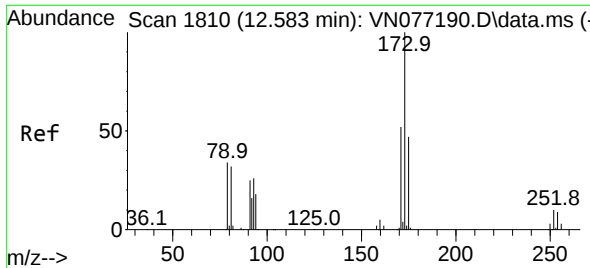
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#70
Styrene
Concen: 18.924 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

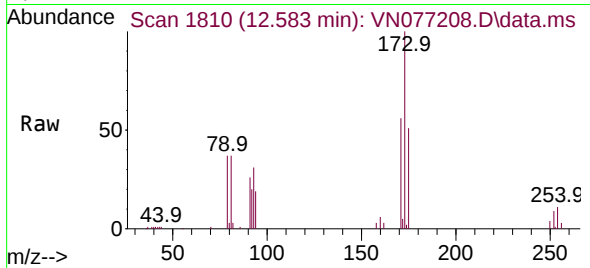
Tgt Ion:104 Resp: 270974
Ion Ratio Lower Upper
104 100
78 51.2 36.6 55.0
103 55.3 43.4 65.0





#71
Bromoform
Concen: 18.183 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

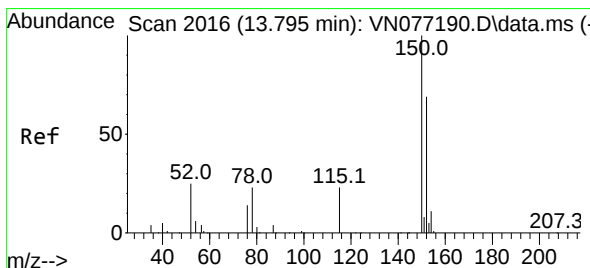
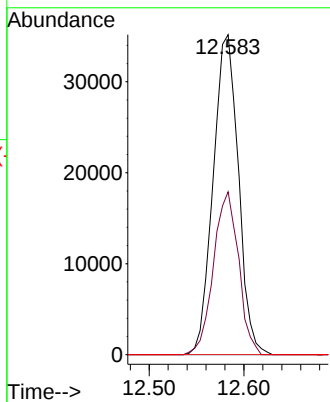
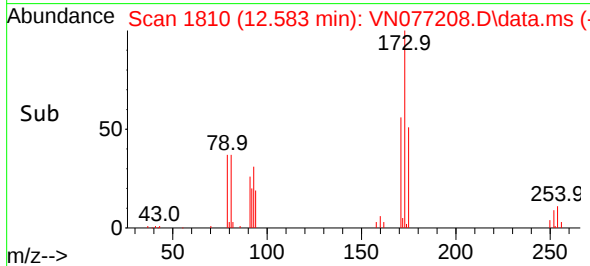
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



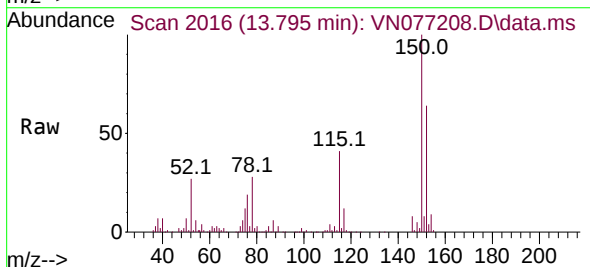
Tgt Ion:173 Resp: 65098
Ion Ratio Lower Upper
173 100
175 50.7 24.9 74.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

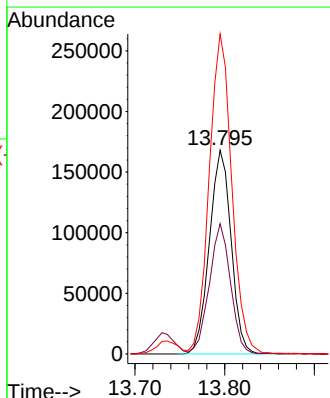
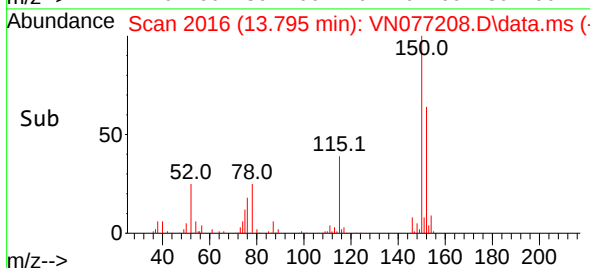
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

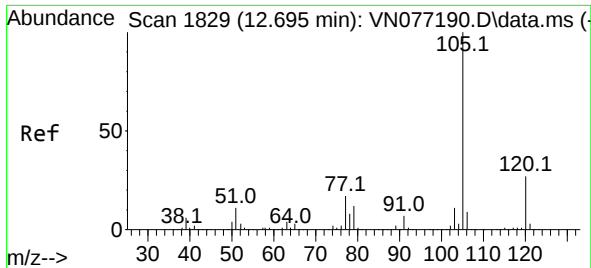


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



Tgt Ion:152 Resp: 282545
Ion Ratio Lower Upper
152 100
115 61.8 30.3 90.9
150 163.6 0.0 353.6





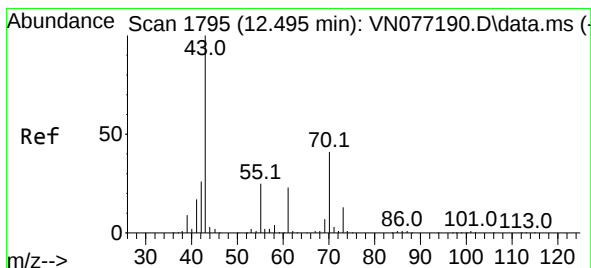
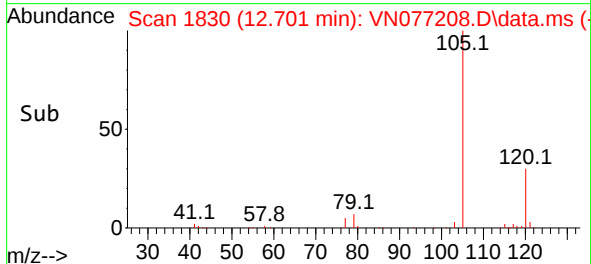
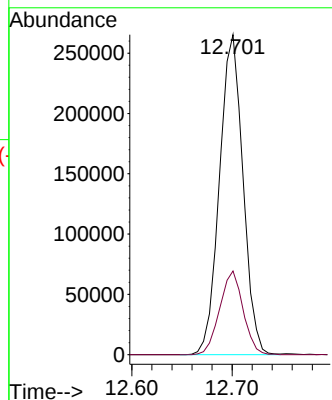
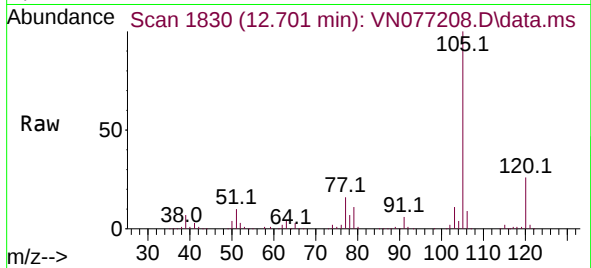
#73
Isopropylbenzene
Concen: 19.413 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion:105 Resp: 43155
Ion Ratio Lower Upper
105 100
120 26.0 13.8 41.4

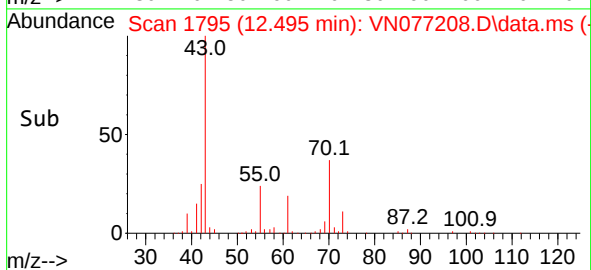
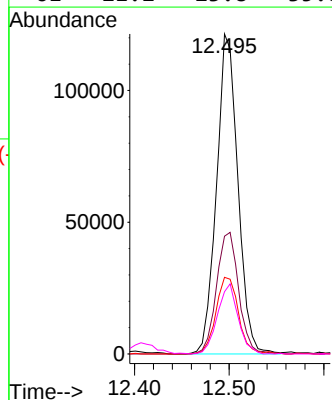
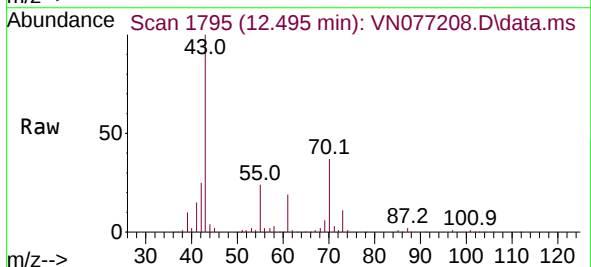
Manual Integrations
APPROVED

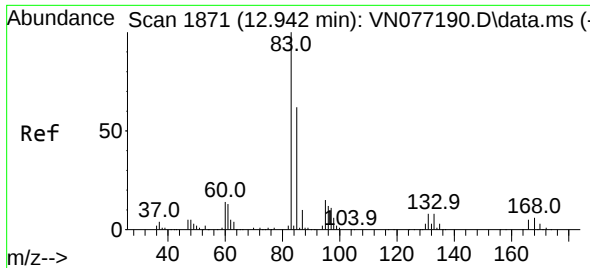
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#74
N-ethyl acetate
Concen: 19.677 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

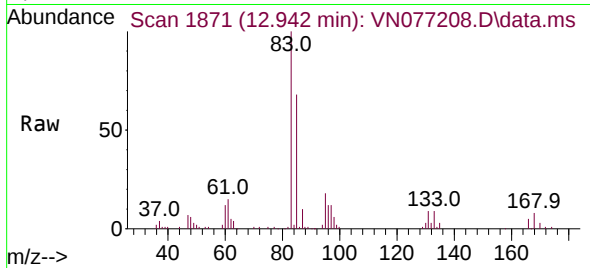
Tgt Ion: 43 Resp: 190612
Ion Ratio Lower Upper
43 100
70 39.4 46.8 70.2#
55 25.4 23.4 35.2
61 21.2 23.8 35.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.257 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

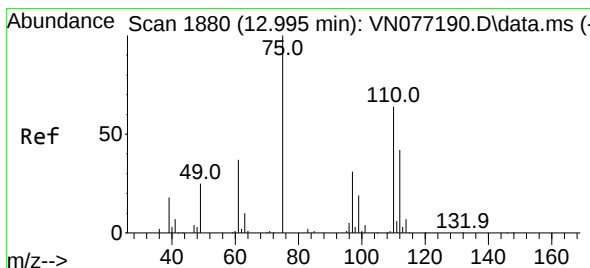
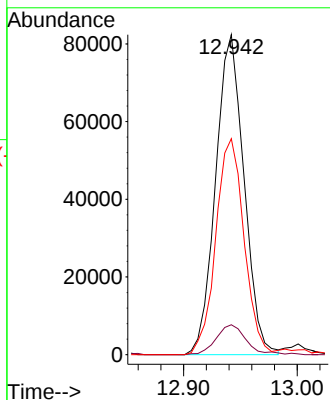
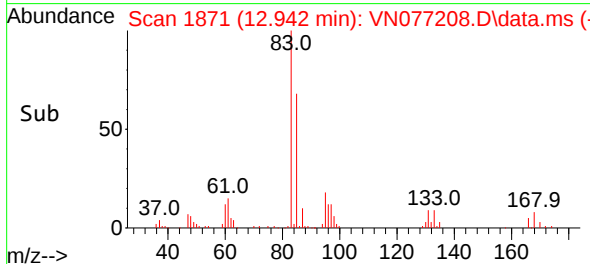
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 83 Resp: 142995
Ion Ratio Lower Upper
83 100
131 10.0 5.3 16.1
85 67.4 32.0 96.0

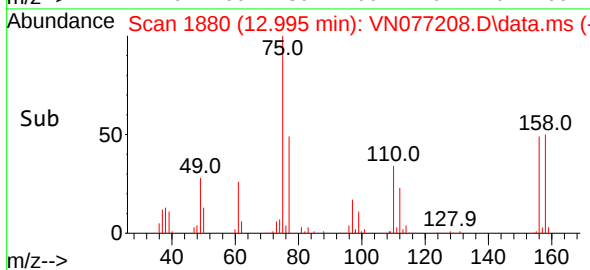
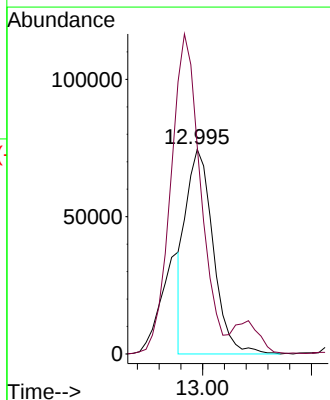
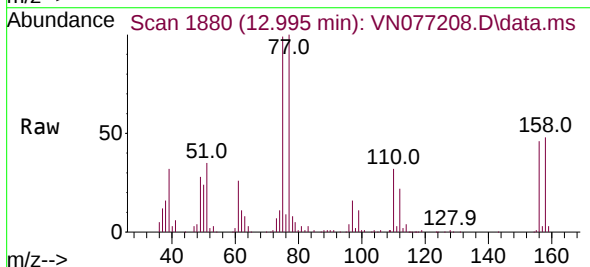
Manual Integrations
APPROVED

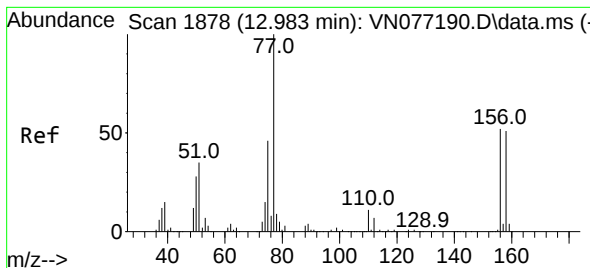
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#76
1,2,3-Trichloropropane
Concen: 22.642 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion: 75 Resp: 129774
Ion Ratio Lower Upper
75 100
77 171.8 93.8 281.4





#77

Bromobenzene

Concen: 19.392 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

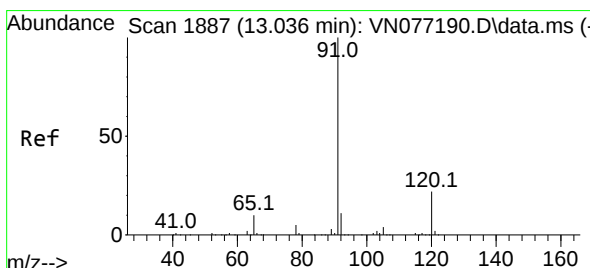
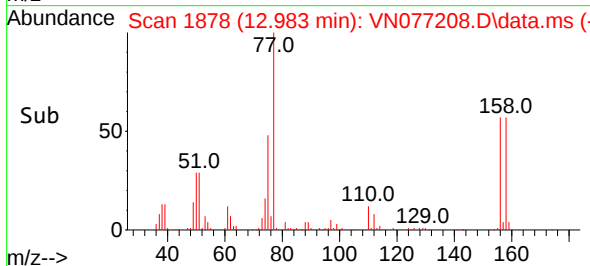
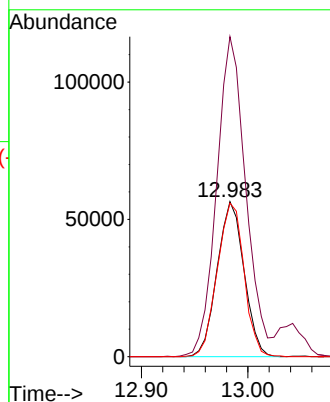
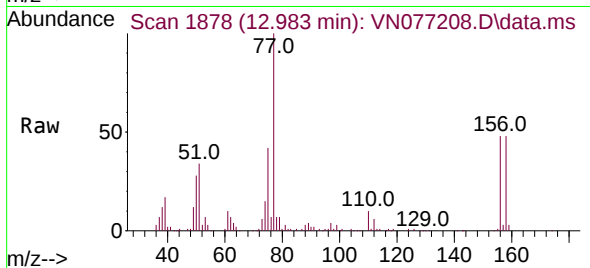
Tgt Ion:156 Resp: 99245
 Ion Ratio Lower Upper
 156 100
 77 224.6 101.3 303.7
 158 98.5 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#78

n-propylbenzene

Concen: 19.635 ug/l

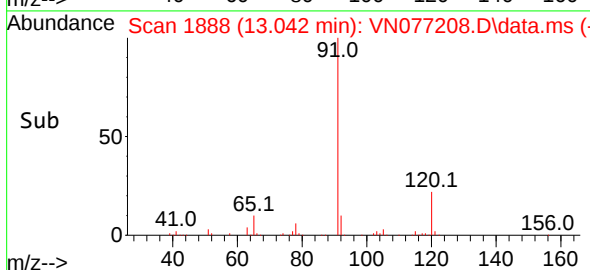
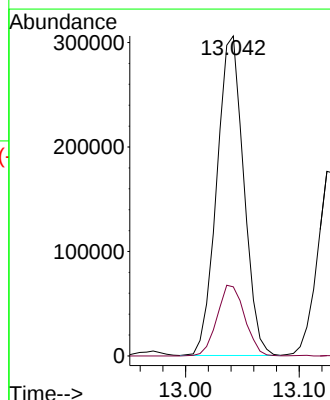
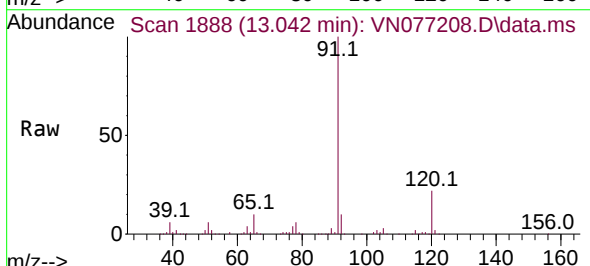
RT: 13.042 min Scan# 1888

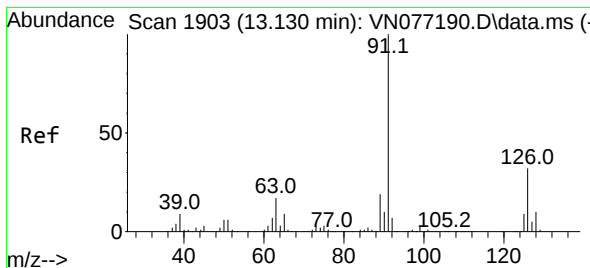
Delta R.T. 0.006 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Tgt Ion: 91 Resp: 503402
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.9 35.7





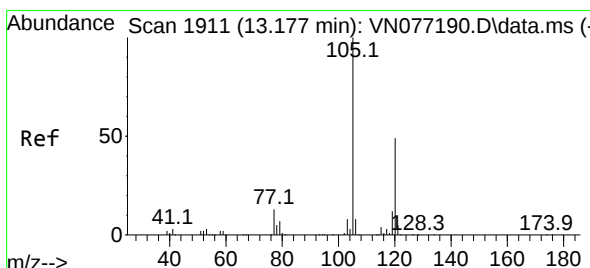
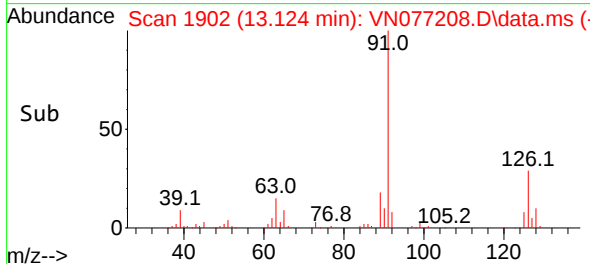
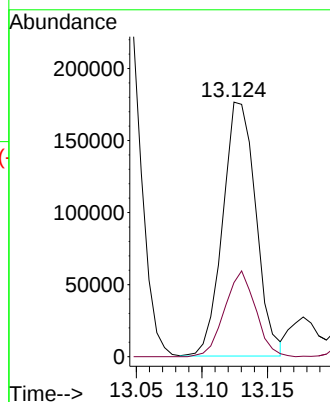
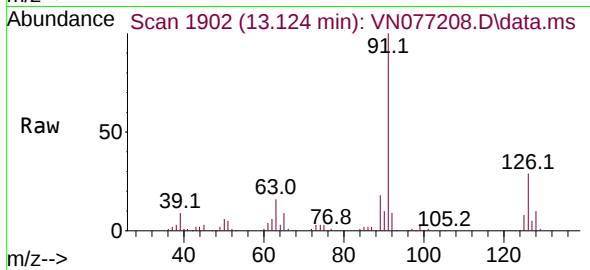
#79
2-Chlorotoluene
Concen: 19.639 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion: 91 Resp: 30962
Ion Ratio Lower Upper
91 100
126 31.6 17.7 53.1

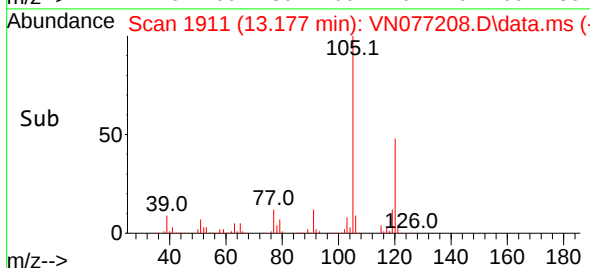
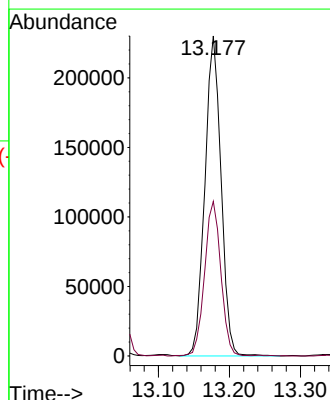
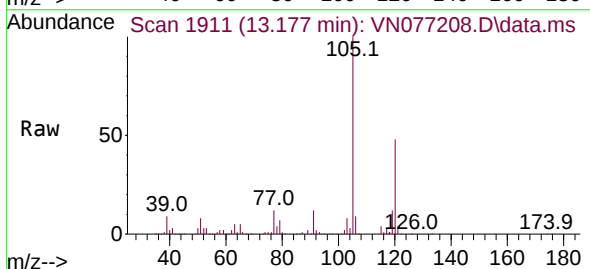
Manual Integrations
APPROVED

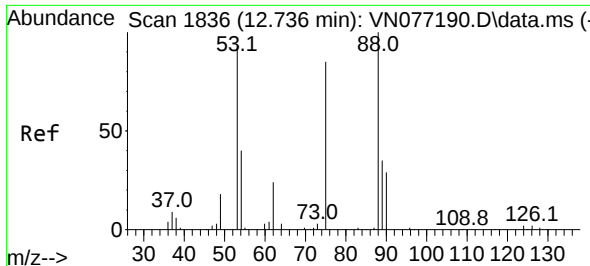
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.721 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

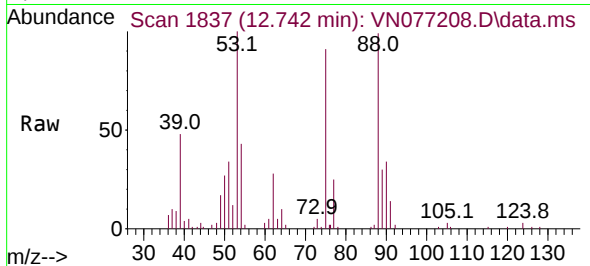
Tgt Ion:105 Resp: 365099
Ion Ratio Lower Upper
105 100
120 48.6 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.288 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

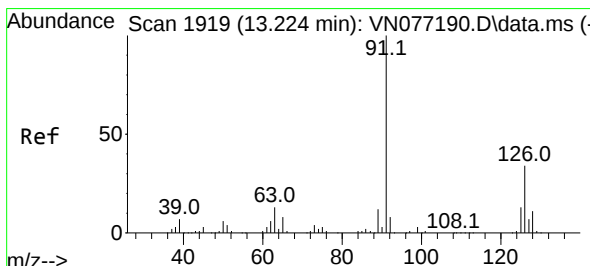
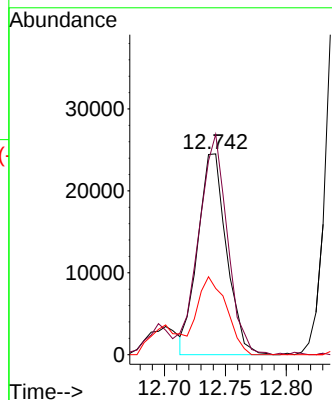
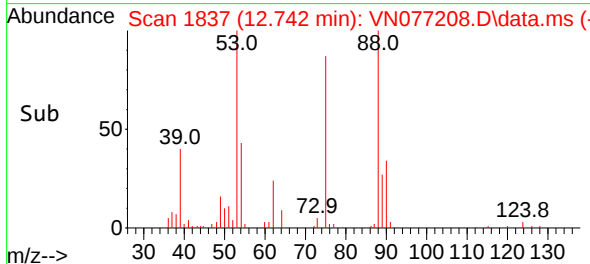
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion: 75 Resp: 4034
Ion Ratio Lower Upper
75 100
53 109.8 67.4 101.0
89 38.8 39.5 59.3

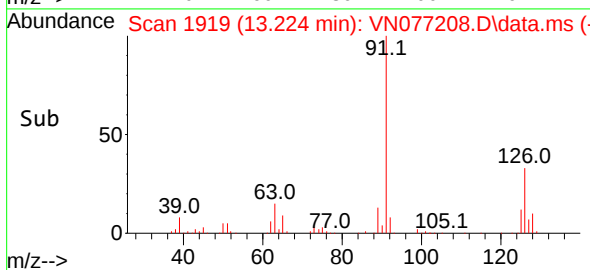
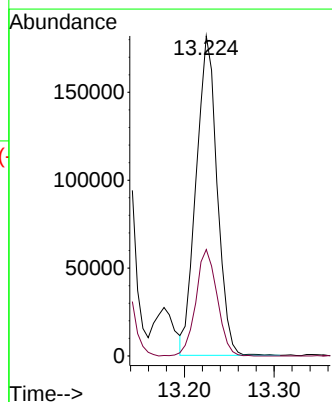
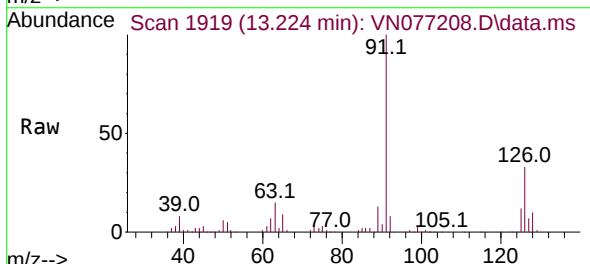
Manual Integrations
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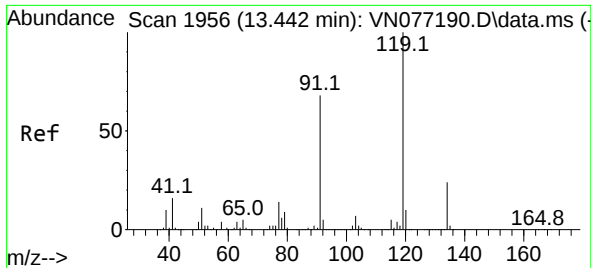
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#82
4-Chlorotoluene
Concen: 19.645 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion: 91 Resp: 293978
Ion Ratio Lower Upper
91 100
126 34.0 18.0 54.0





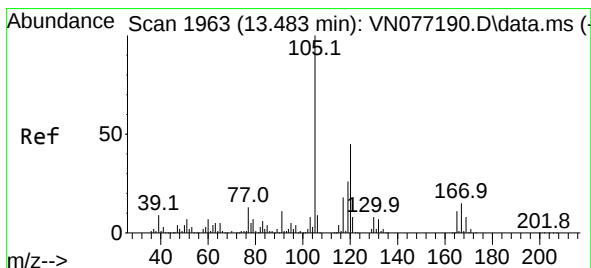
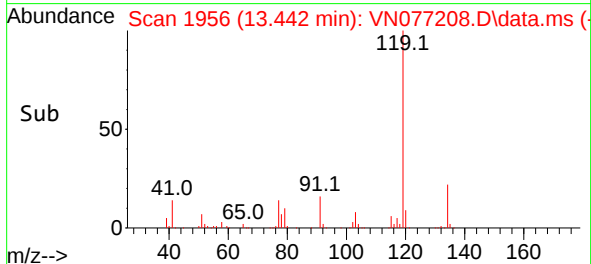
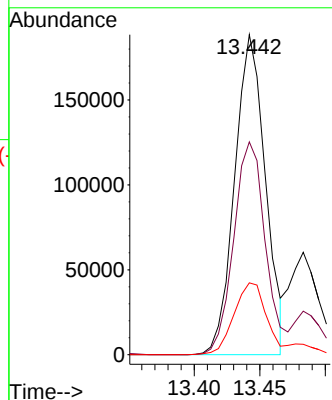
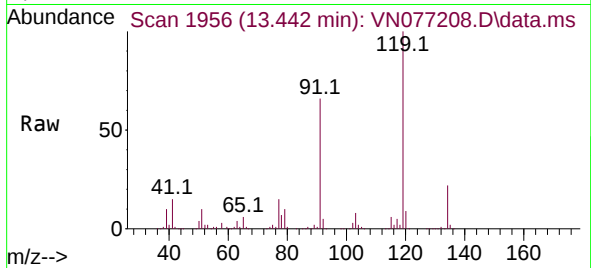
#83
tert-Butylbenzene
Concen: 19.650 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion:119 Resp: 307664
Ion Ratio Lower Upper
119 100
91 68.9 31.9 95.5
134 24.0 13.8 41.4

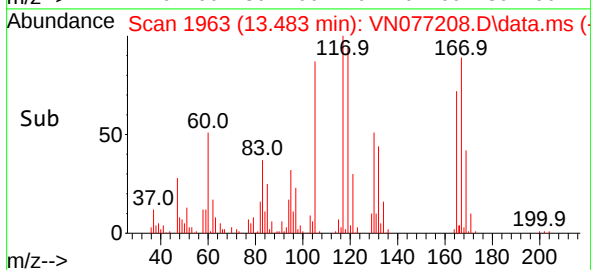
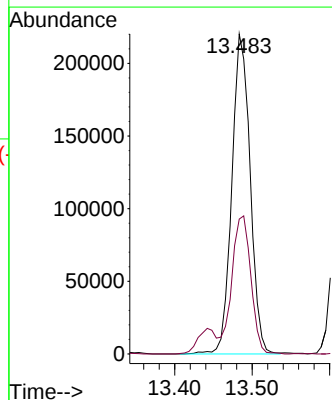
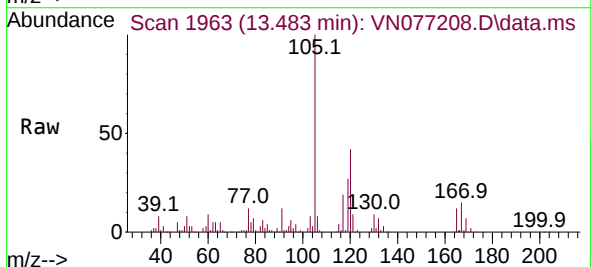
Manual Integrations
APPROVED

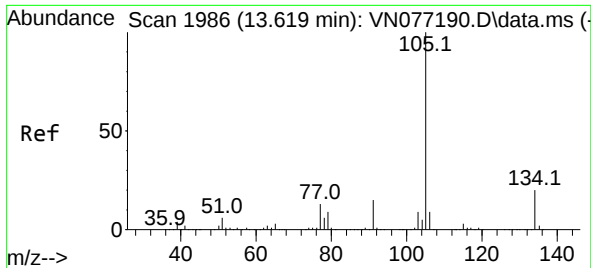
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.908 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

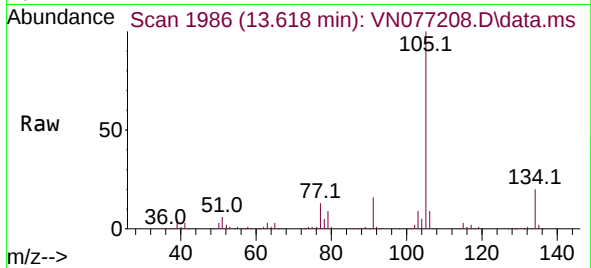
Tgt Ion:105 Resp: 362188
Ion Ratio Lower Upper
105 100
120 45.4 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 19.482 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077208.D
 Acq: 27 Mar 2023 18:15

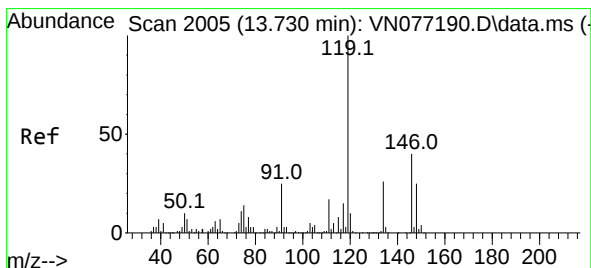
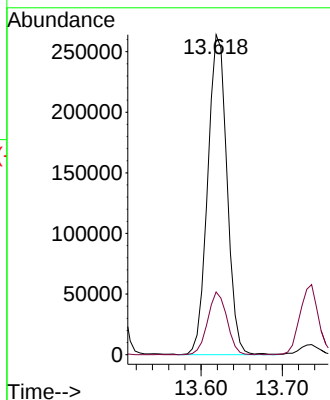
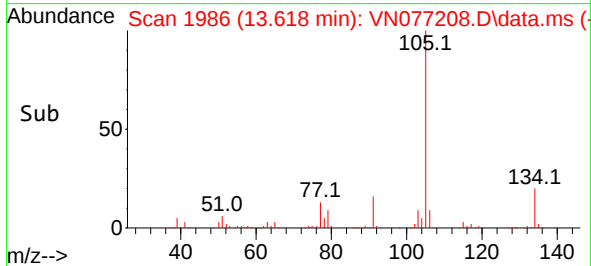
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD02



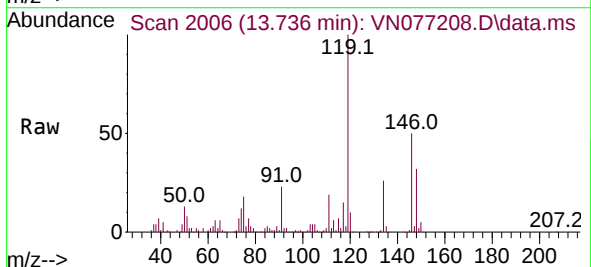
Tgt Ion:105 Resp: 435072
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2

Manual Integrations
 APPROVED

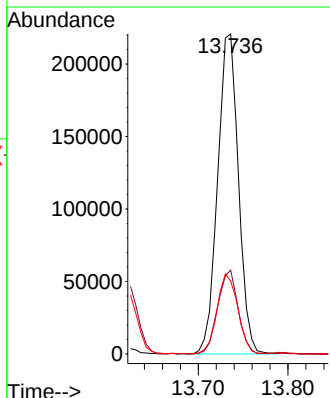
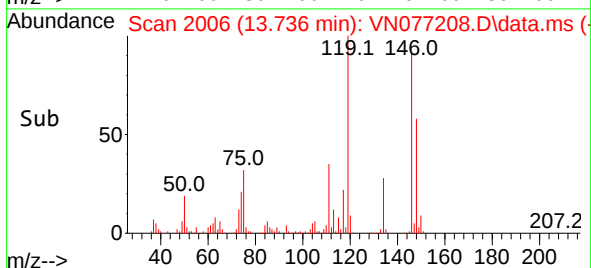
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

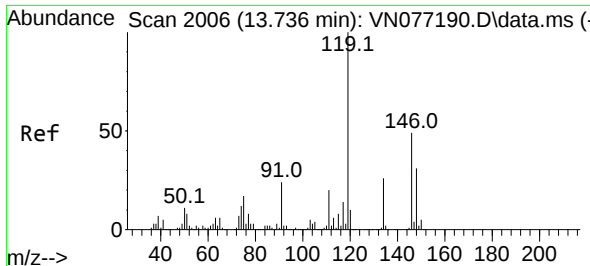


#86
 p-Isopropyltoluene
 Concen: 19.907 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077208.D
 Acq: 27 Mar 2023 18:15



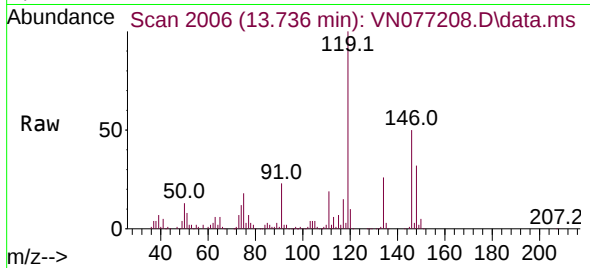
Tgt Ion:119 Resp: 356046
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.5
 91 25.0 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 19.646 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

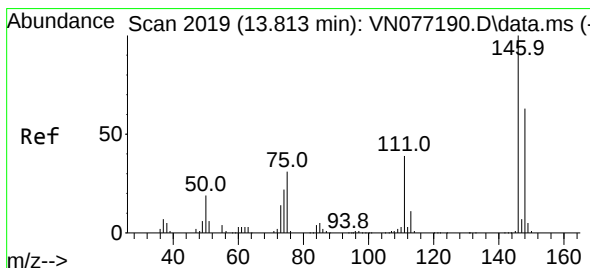
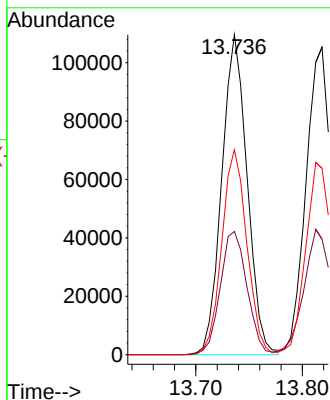
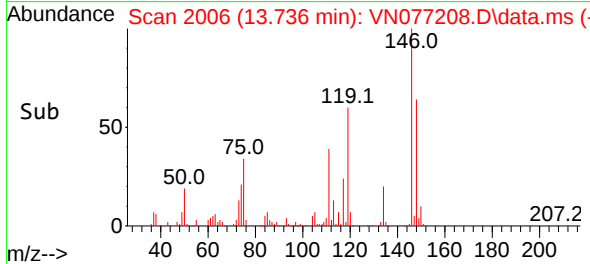
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



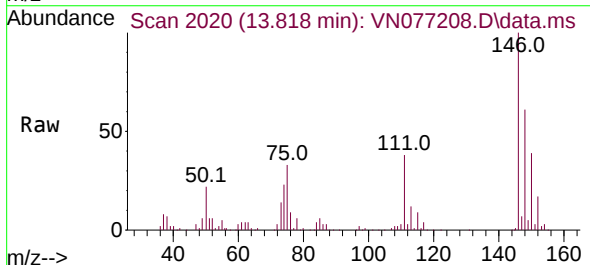
Tgt Ion:146 Resp: 181469
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.2
148 63.1 31.5 94.5

Manual Integrations
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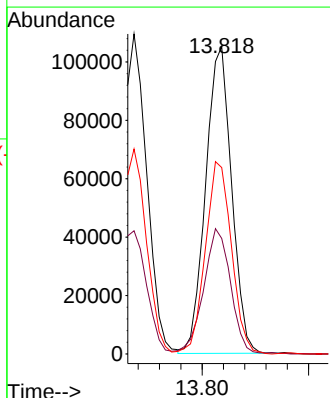
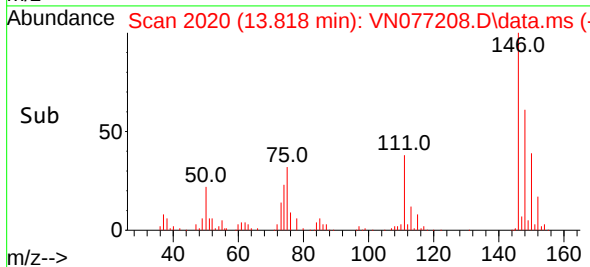
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

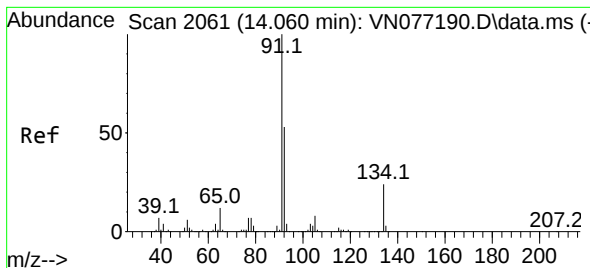


#88
1,4-Dichlorobenzene
Concen: 19.226 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15



Tgt Ion:146 Resp: 177626
Ion Ratio Lower Upper
146 100
111 42.7 20.0 60.0
148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 19.285 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD02

Tgt Ion: 91 Resp: 28278

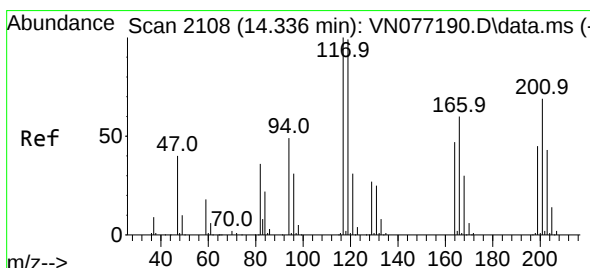
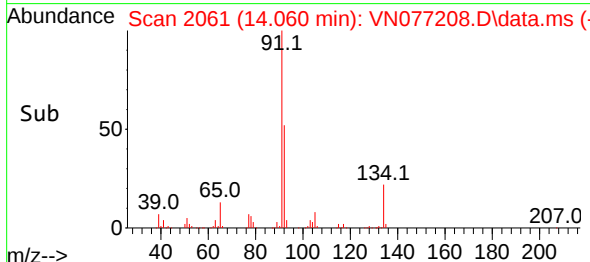
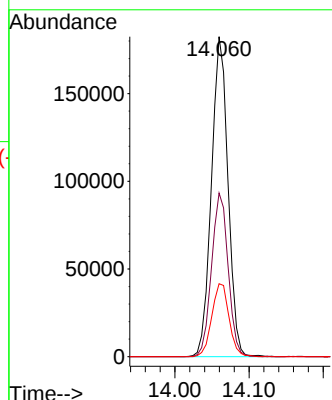
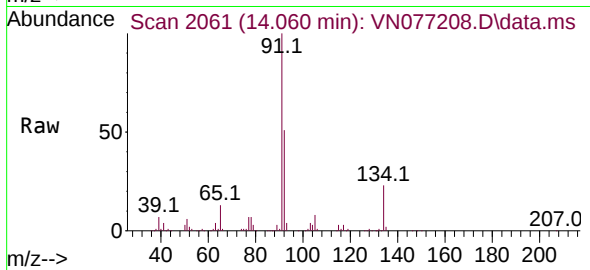
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.6	79.7
134	23.8	13.6	40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#90

Hexachloroethane

Concen: 19.631 ug/l

RT: 14.336 min Scan# 2108

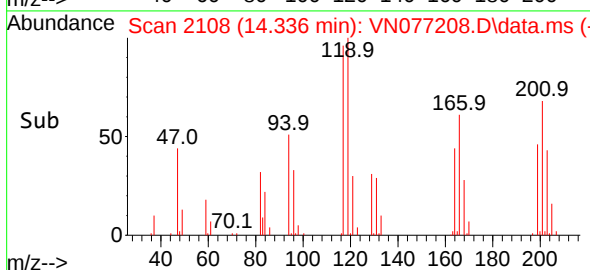
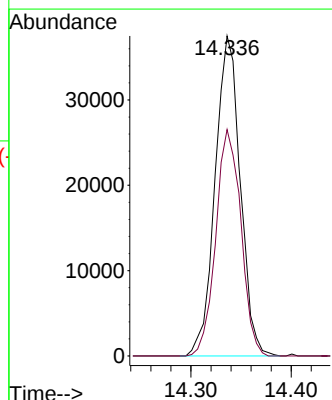
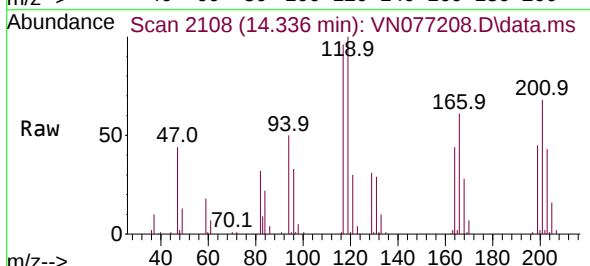
Delta R.T. 0.000 min

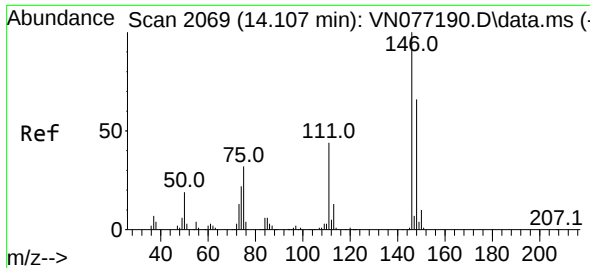
Lab File: VN077208.D

Acq: 27 Mar 2023 18:15

Tgt Ion:117 Resp: 65431

Ion	Ratio	Lower	Upper
117	100		
201	70.4	31.9	95.7





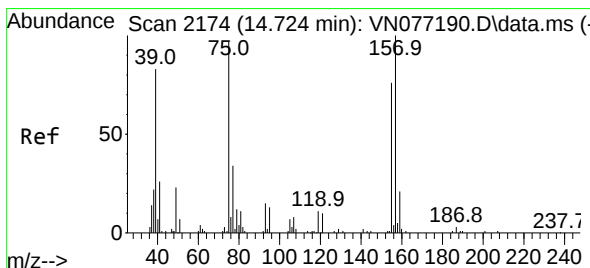
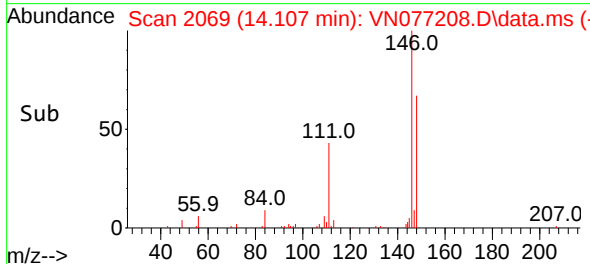
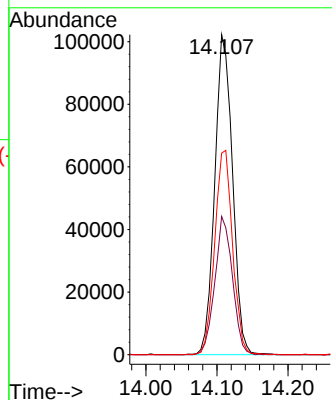
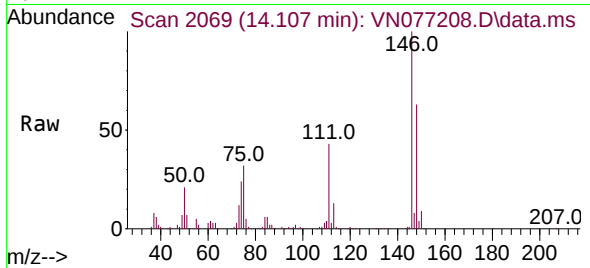
#91
1,2-Dichlorobenzene
Concen: 19.234 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion:146 Resp: 177210
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 64.4 32.0 96.0

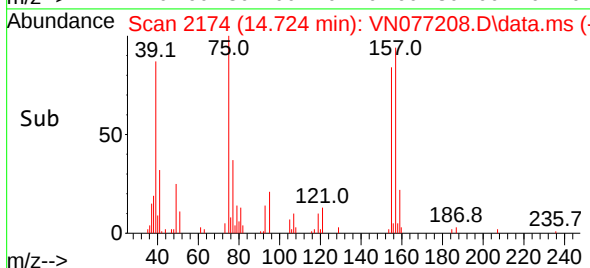
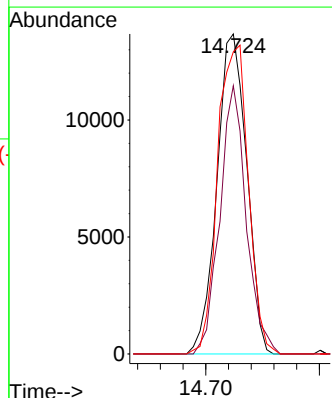
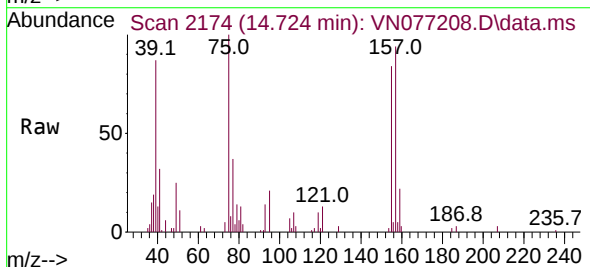
Manual Integrations
APPROVED

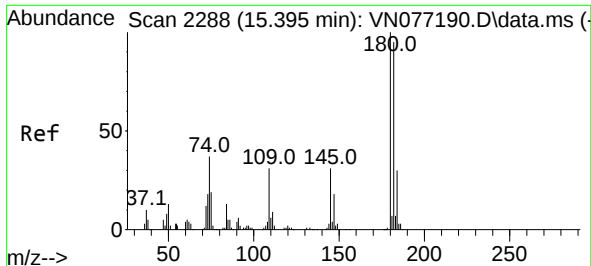
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.985 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion: 75 Resp: 24945
Ion Ratio Lower Upper
75 100
155 74.3 44.3 132.8
157 99.2 58.3 174.8





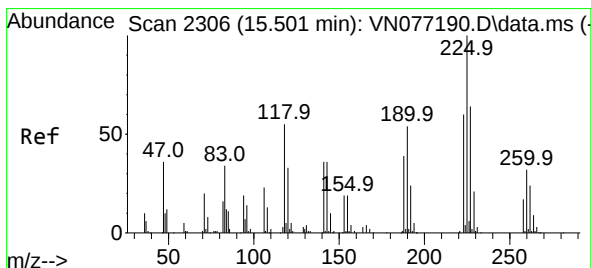
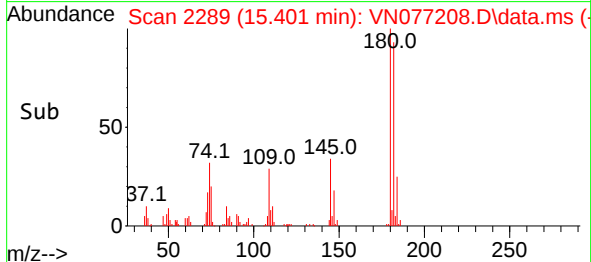
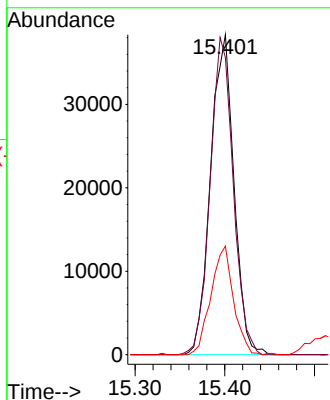
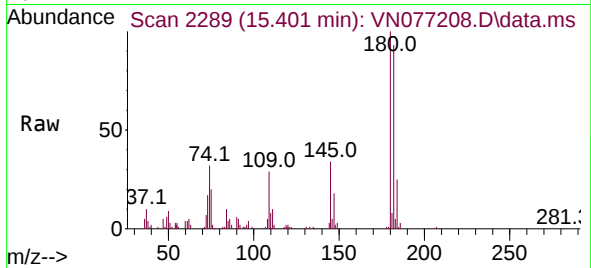
#93
1,2,4-Trichlorobenzene
Concen: 18.499 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02

Tgt Ion:180 Resp: 6944
Ion Ratio Lower Upper
180 100
182 97.7 47.4 142.2
145 32.7 15.8 47.3

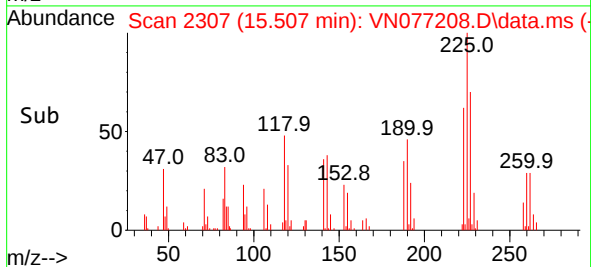
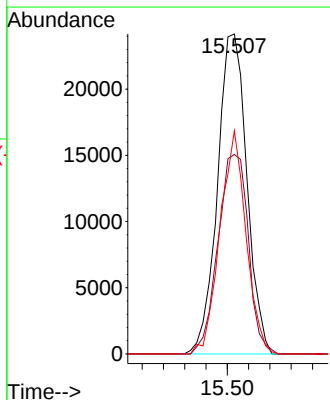
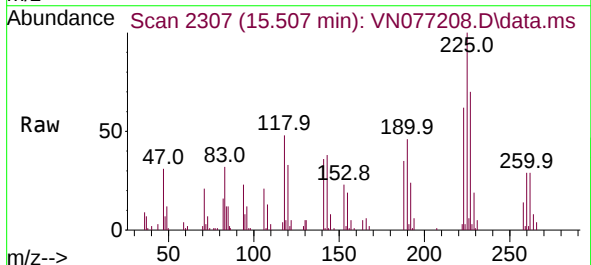
Manual Integrations
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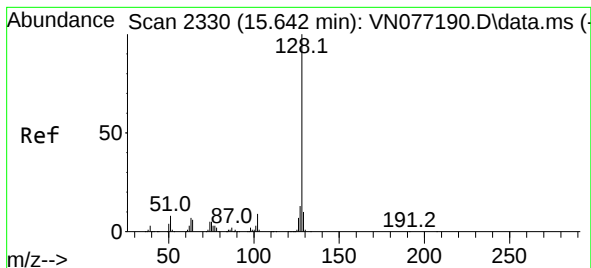
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#94
Hexachlorobutadiene
Concen: 19.770 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

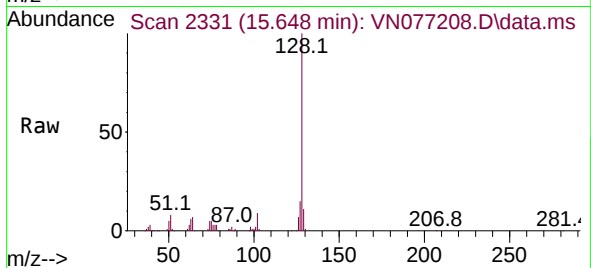
Tgt Ion:225 Resp: 46205
Ion Ratio Lower Upper
225 100
223 64.4 31.4 94.0
227 62.0 30.9 92.7





#95
Naphthalene
Concen: 18.775 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

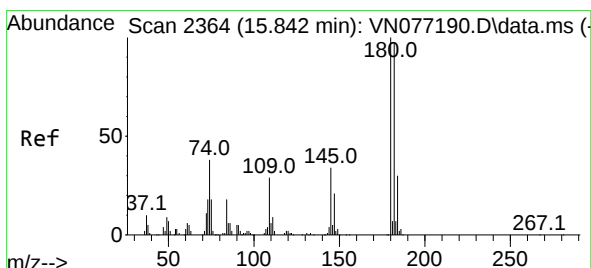
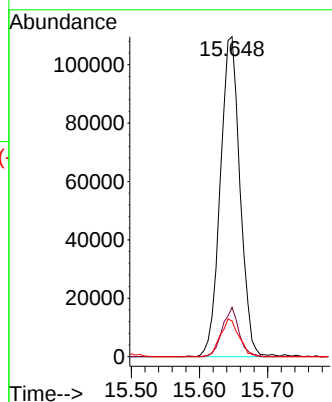
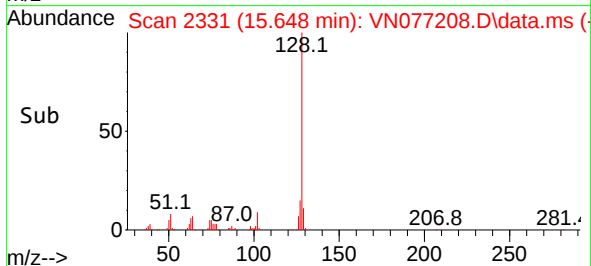
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD02



Tgt Ion:128 Resp: 220810
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.223 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077208.D
Acq: 27 Mar 2023 18:15

Tgt Ion:180 Resp: 71008
Ion Ratio Lower Upper
180 100
182 97.1 47.7 143.1
145 33.2 17.0 51.0

