

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030623\
 Data File : VN076854.D
 Acq On : 06 Mar 2023 17:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

Quant Time: Mar 07 01:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 01:38:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	512916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	915270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	790600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	321273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41436	5.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.520%#		
35) Dibromofluoromethane	8.172	113	31992	5.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.180%#		
50) Toluene-d8	10.572	98	119573	5.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.840%#		
62) 4-Bromofluorobenzene	12.854	95	39518	5.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.340%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	31653	5.303	ug/l	94
3) Chloromethane	2.378	50	42130	5.367	ug/l	99
4) Vinyl Chloride	2.525	62	37459	5.206	ug/l	99
5) Bromomethane	2.937	94	29070	6.149	ug/l #	76
6) Chloroethane	3.113	64	24411	5.093	ug/l #	87
7) Trichlorofluoromethane	3.507	101	52962	5.045	ug/l	97
8) Diethyl Ether	3.972	74	20019	4.957	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.384	101	32418	5.281	ug/l	99
10) Methyl Iodide	4.601	142	25899	4.045	ug/l #	98
11) Tert butyl alcohol	5.531	59	27797	26.030	ug/l	96
12) 1,1-Dichloroethene	4.354	96	29659	5.182	ug/l	96
13) Acrolein	4.190	56	37374	27.054	ug/l	97
14) Allyl chloride	5.031	41	52770	5.522	ug/l #	73
15) Acrylonitrile	5.731	53	88049	25.638	ug/l	99
16) Acetone	4.448	43	85514	27.242	ug/l	97
17) Carbon Disulfide	4.725	76	79385	5.109	ug/l	99
18) Methyl Acetate	5.048	43	52708	4.900	ug/l #	87
19) Methyl tert-butyl Ether	5.807	73	98518	5.019	ug/l	94
20) Methylene Chloride	5.284	84	39208	5.354	ug/l #	84
21) trans-1,2-Dichloroethene	5.801	96	33149	5.356	ug/l	94
22) Diisopropyl ether	6.684	45	108820	5.062	ug/l #	93
23) Vinyl Acetate	6.613	43	334405	24.419	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	63664	5.193	ug/l	95
25) 2-Butanone	7.495	43	119328	26.024	ug/l #	79
26) 2,2-Dichloropropane	7.501	77	46260	5.153	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	37181	5.128	ug/l	87
28) Bromochloromethane	7.819	49	28534	5.504	ug/l #	79
29) Tetrahydrofuran	7.848	42	71900	24.307	ug/l #	79
30) Chloroform	7.972	83	63078	5.180	ug/l	95
31) Cyclohexane	8.260	56	69902	5.754	ug/l #	80
32) 1,1,1-Trichloroethane	8.172	97	52596	4.988	ug/l #	49
36) 1,1-Dichloropropene	8.378	75	46322	5.034	ug/l	94
37) Ethyl Acetate	7.572	43	48721	5.158	ug/l #	92
38) Carbon Tetrachloride	8.366	117	48005	5.135	ug/l	92
39) Methylcyclohexane	9.607	83	54899	4.840	ug/l #	81
40) Benzene	8.613	78	144685	5.161	ug/l	95

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Quant Time: Mar 07 01:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	25203	4.886	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	50187	5.139	ug/l	98
43) Isopropyl Acetate	8.695	43	72307	5.000	ug/l #	90
44) Trichloroethene	9.354	130	33795	5.084	ug/l	99
45) 1,2-Dichloropropane	9.625	63	37482	5.174	ug/l	92
46) Dibromomethane	9.713	93	24146	5.248	ug/l	96
47) Bromodichloromethane	9.889	83	47951	5.069	ug/l	98
48) Methyl methacrylate	9.683	41	33506	4.768	ug/l #	76
49) 1,4-Dioxane	9.701	88	13054	101.357	ug/l #	78
51) 4-Methyl-2-Pentanone	10.448	43	225996	24.777	ug/l	90
52) Toluene	10.630	92	86489	5.182	ug/l	97
53) t-1,3-Dichloropropene	10.842	75	44819	4.888	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	51851	4.923	ug/l	91
55) 1,1,2-Trichloroethane	11.019	97	35863	5.401	ug/l	96
56) Ethyl methacrylate	10.877	69	46031	4.653	ug/l #	75
57) 1,3-Dichloropropane	11.166	76	59349	5.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	94236	27.491	ug/l	93
59) 2-Hexanone	11.201	43	164710	24.920	ug/l	87
60) Dibromochloromethane	11.360	129	32499	4.967	ug/l	96
61) 1,2-Dibromoethane	11.472	107	32328	5.065	ug/l	96
64) Tetrachloroethene	11.101	164	29665	5.042	ug/l	88
65) Chlorobenzene	11.895	112	87530	5.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	30317	4.905	ug/l	95
67) Ethyl Benzene	11.966	91	157016	5.061	ug/l	99
68) m/p-Xylenes	12.071	106	117095	10.032	ug/l	94
69) o-Xylene	12.401	106	58169	5.061	ug/l	90
70) Styrene	12.413	104	88791	4.927	ug/l	95
71) Bromoform	12.577	173	19830	4.714	ug/l #	98
73) Isopropylbenzene	12.701	105	145502	5.196	ug/l	96
74) N-amyl acetate	12.495	43	55942	5.108	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.942	83	48435	5.397	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	43313m	5.353	ug/l	
77) Bromobenzene	12.983	156	32535	5.250	ug/l	84
78) n-propylbenzene	13.042	91	163093	5.107	ug/l	96
79) 2-Chlorotoluene	13.130	91	106565	5.202	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	119877	5.107	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	12568	5.116	ug/l #	83
82) 4-Chlorotoluene	13.224	91	102738	5.290	ug/l	92
83) tert-Butylbenzene	13.442	119	109887	5.479	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	119228	5.150	ug/l	96
85) sec-Butylbenzene	13.618	105	145878	5.209	ug/l	96
86) p-Isopropyltoluene	13.736	119	112336	5.015	ug/l	95
87) 1,3-Dichlorobenzene	13.736	146	60102	5.312	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	60959	5.306	ug/l	92
89) n-Butylbenzene	14.060	91	93914	4.853	ug/l	97
90) Hexachloroethane	14.336	117	20950	5.177	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	58912	5.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9102	5.352	ug/l	85
93) 1,2,4-Trichlorobenzene	15.395	180	26820	4.677	ug/l	99
94) Hexachlorobutadiene	15.507	225	15299	5.124	ug/l	98
95) Naphthalene	15.642	128	78656	4.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	25845	4.586	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Mar 07 01:38:46 2023
Response via : Initial Calibration

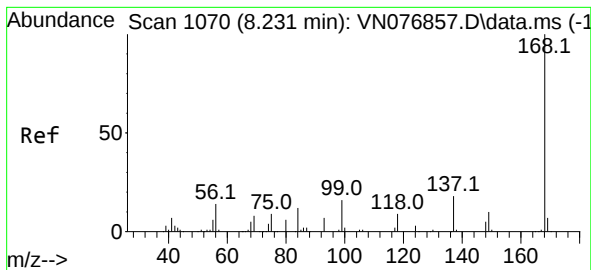
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

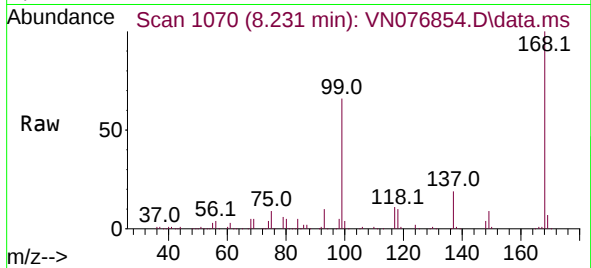
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

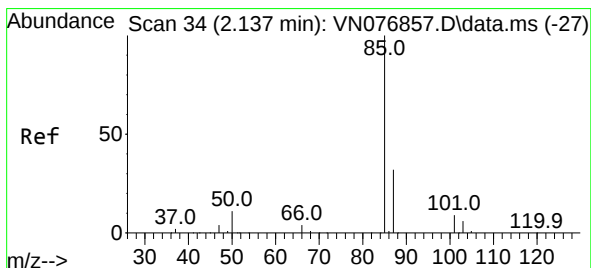
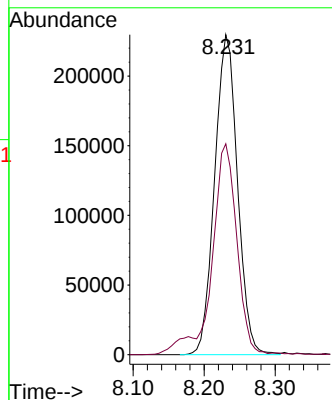
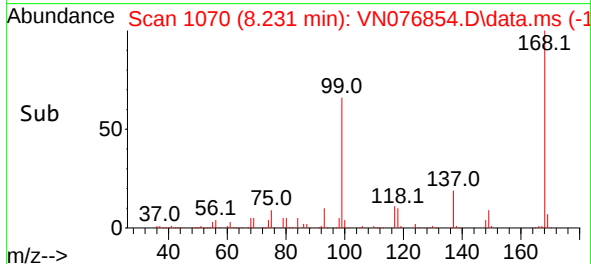
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 512910
Ion Ratio Lower Upper
168 100
99 65.4 48.6 73.0

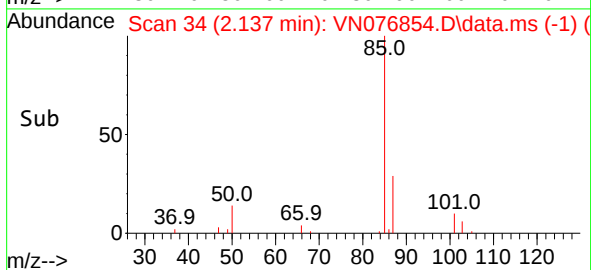
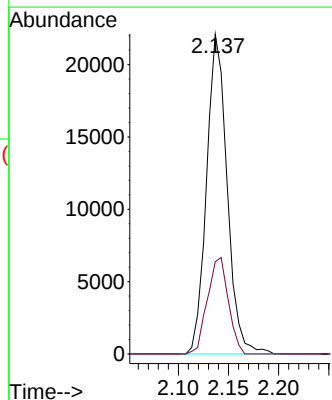
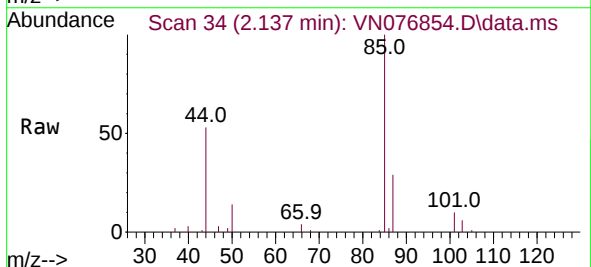
Manual Integrations
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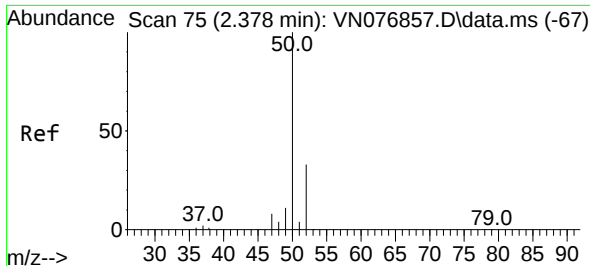
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#2
Dichlorodifluoromethane
Concen: 5.303 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

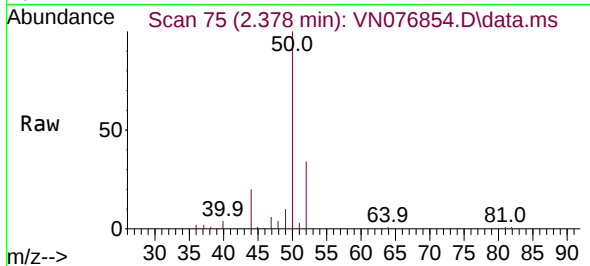
Tgt Ion: 85 Resp: 31653
Ion Ratio Lower Upper
85 100
87 28.8 16.2 48.6





#3
Chloromethane
Concen: 5.367 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

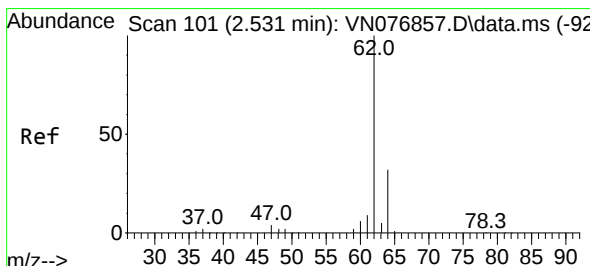
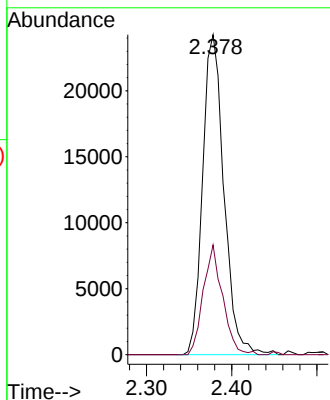
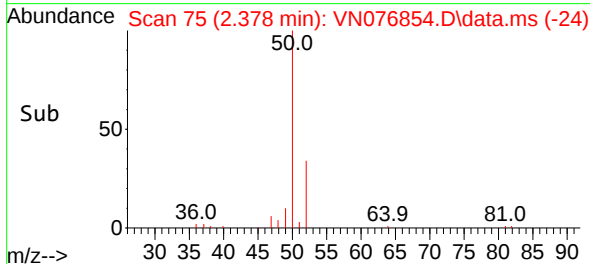
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



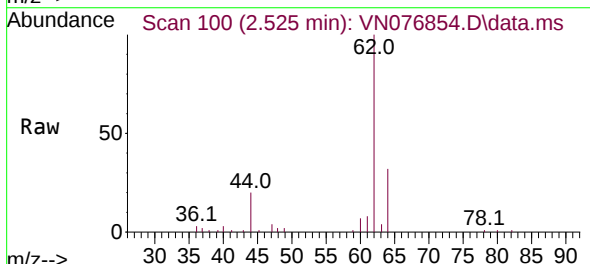
Tgt Ion: 50 Resp: 42130
Ion Ratio Lower Upper
50 100
52 34.3 27.9 41.9

Manual Integrations
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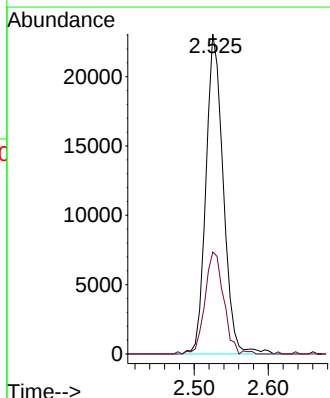
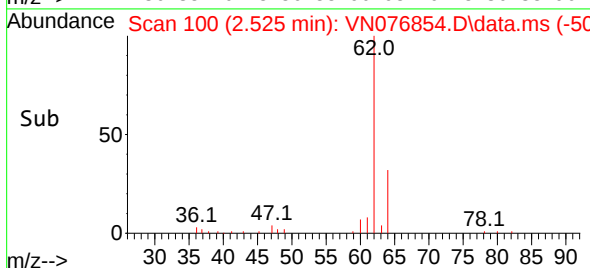
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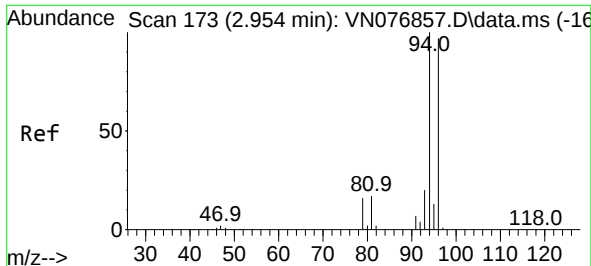


#4
Vinyl Chloride
Concen: 5.206 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



Tgt Ion: 62 Resp: 37459
Ion Ratio Lower Upper
62 100
64 31.2 24.5 36.7





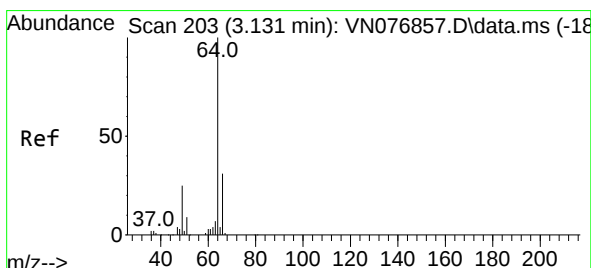
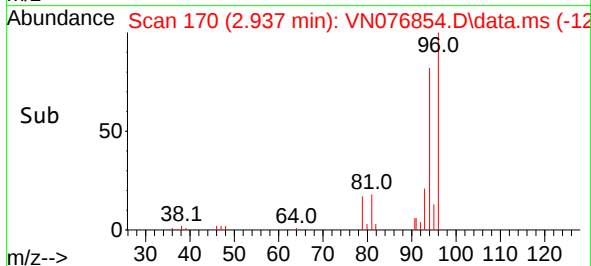
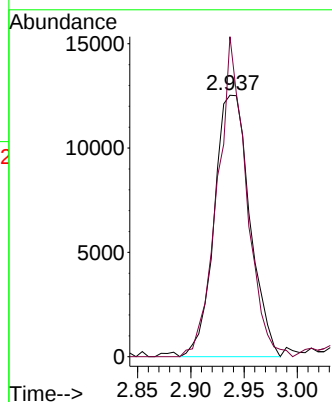
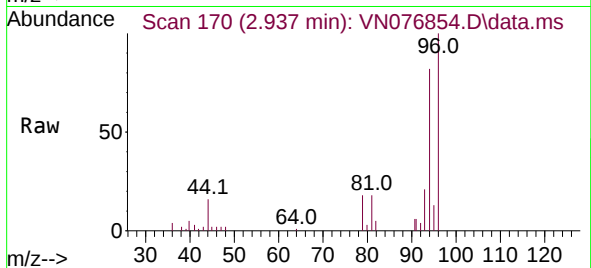
#5
Bromomethane
Concen: 6.149 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 29070
Ion Ratio Lower Upper
94 100
96 122.4 79.0 118.6

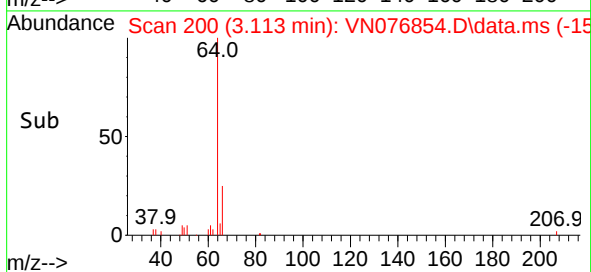
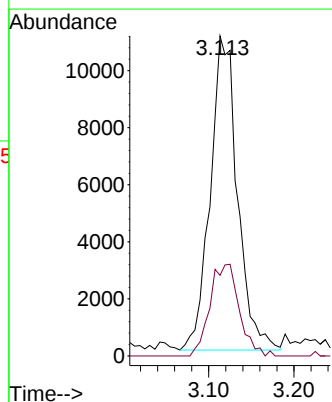
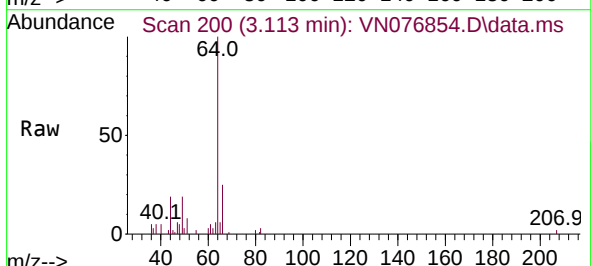
Manual Integrations
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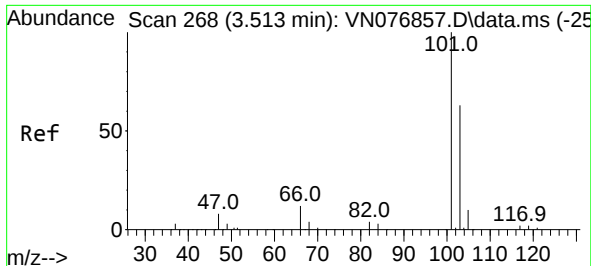
Reviewed By :John Carlone 03/07/2023
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#6
Chloroethane
Concen: 5.093 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.018 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 64 Resp: 24411
Ion Ratio Lower Upper
64 100
66 25.7 26.2 39.4





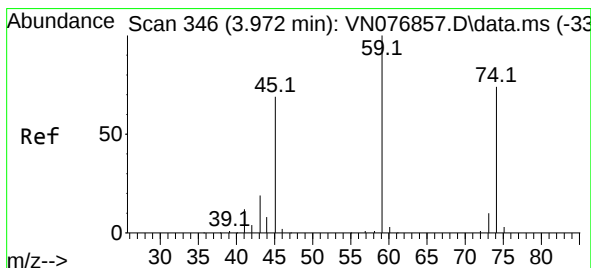
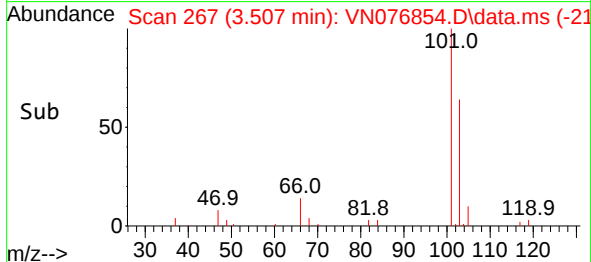
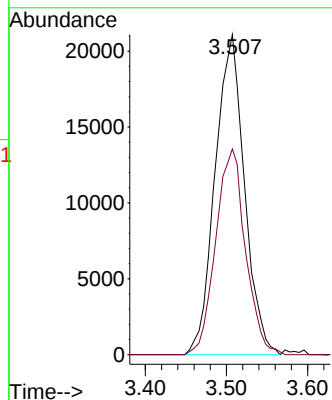
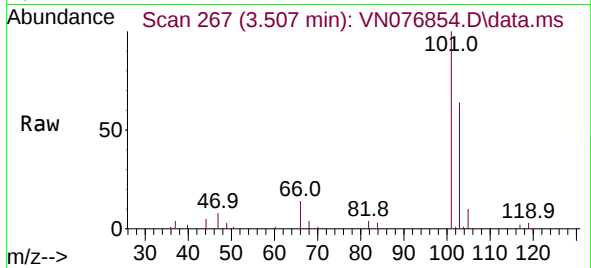
#7
Trichlorofluoromethane
Concen: 5.045 ug/l
RT: 3.507 min Scan# 268
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 52962
Ion Ratio Lower Upper
101 100
103 64.3 53.4 80.0

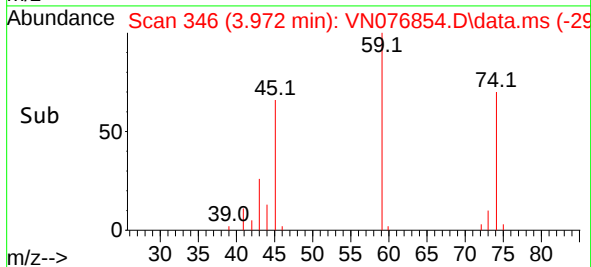
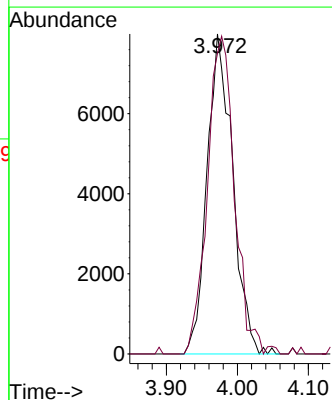
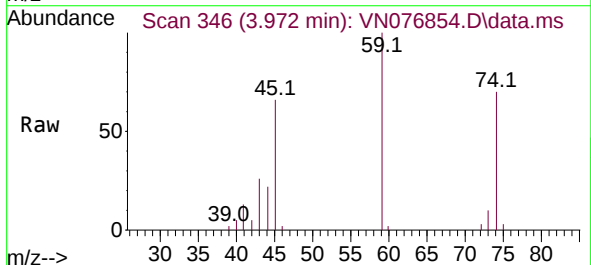
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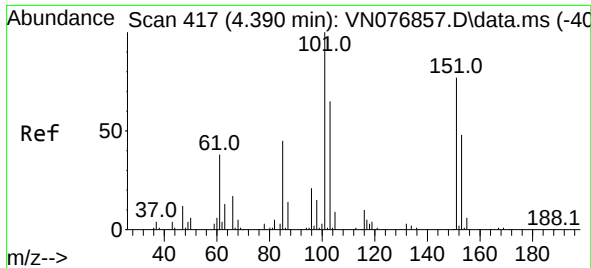
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#8
Diethyl Ether
Concen: 4.957 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 74 Resp: 20019
Ion Ratio Lower Upper
74 100
45 105.0 35.5 106.5





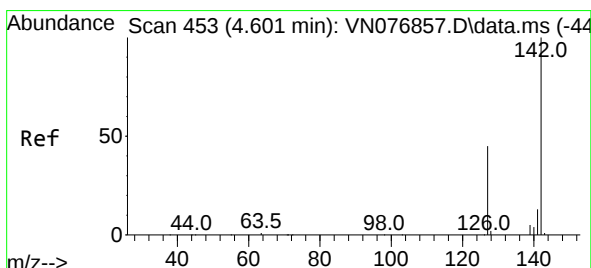
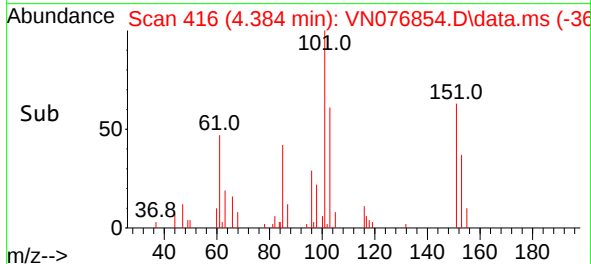
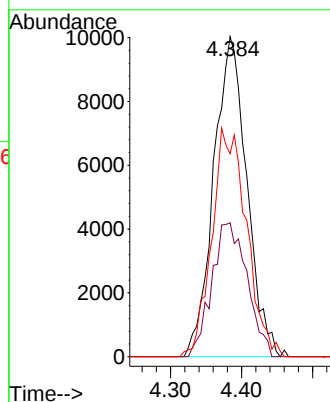
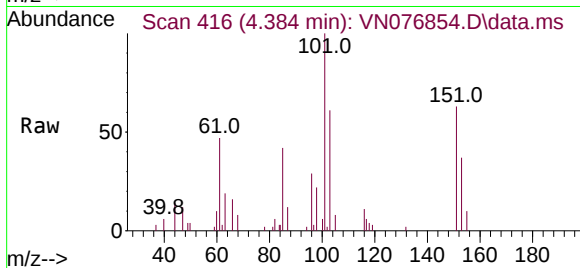
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.281 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 32418
Ion Ratio Lower Upper
101 100
85 44.7 35.2 52.8
151 74.9 58.9 88.3

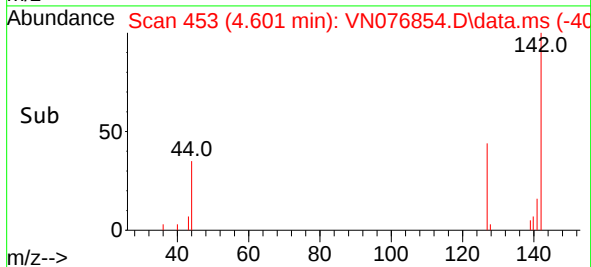
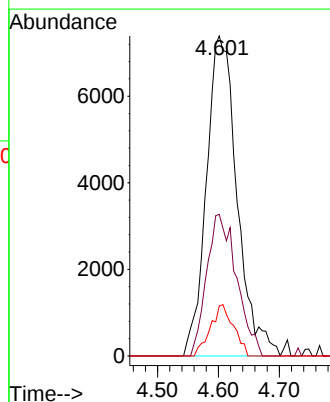
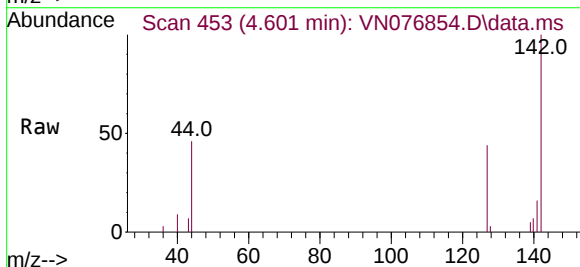
Manual Integrations
APPROVED

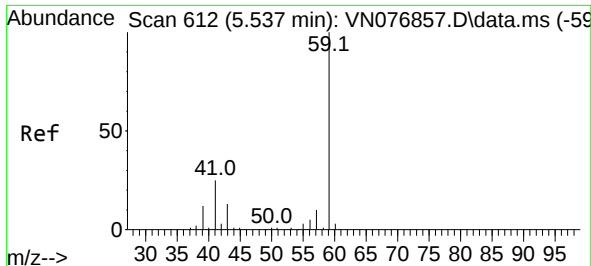
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#10
Methyl Iodide
Concen: 4.045 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:142 Resp: 25899
Ion Ratio Lower Upper
142 100
127 44.3 35.2 52.8
141 15.6 10.2 15.2#





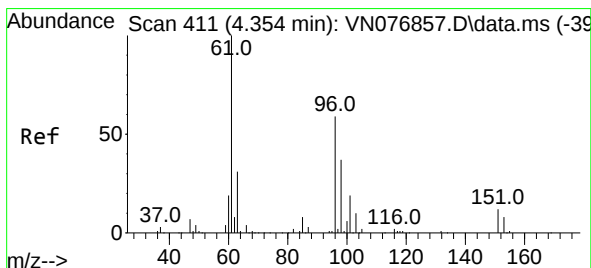
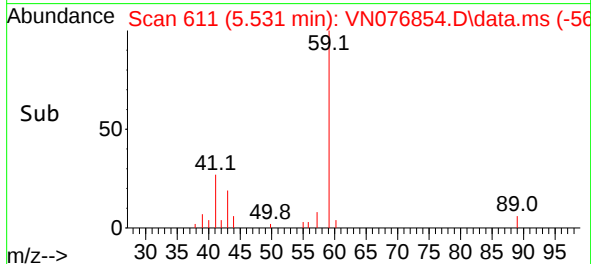
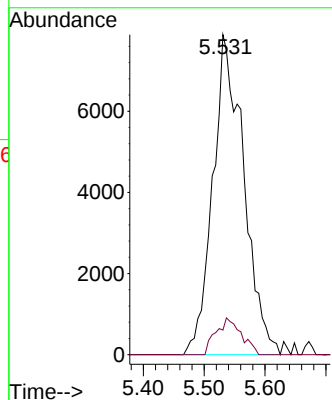
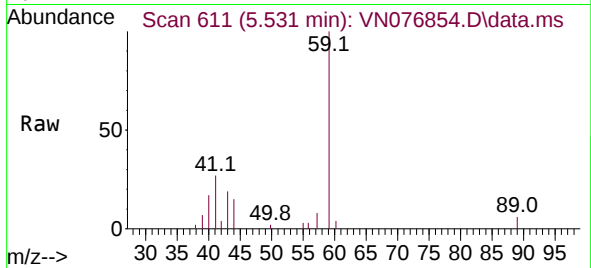
#11
Tert butyl alcohol
Concen: 26.030 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2779
Ion Ratio Lower Upper
59 100
57 9.4 8.6 12.8

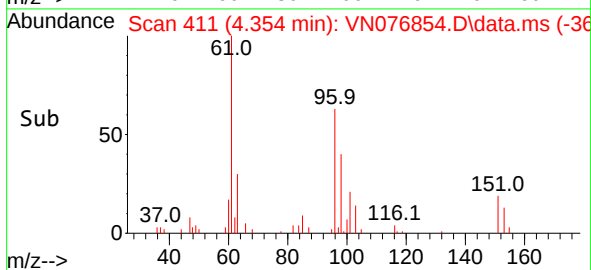
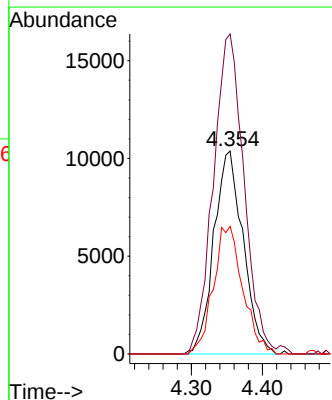
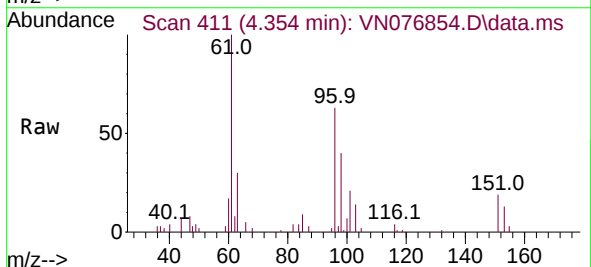
Manual Integrations
APPROVED

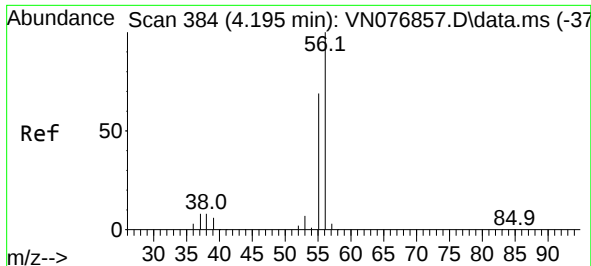
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#12
1,1-Dichloroethene
Concen: 5.182 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 96 Resp: 29659
Ion Ratio Lower Upper
96 100
61 157.7 121.3 181.9
98 62.8 52.1 78.1





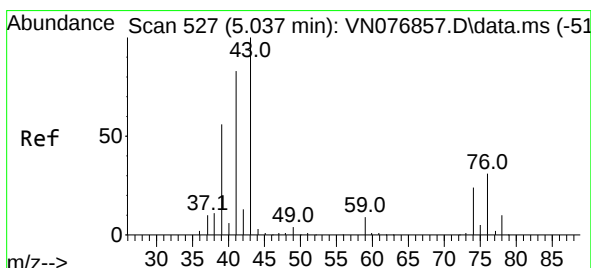
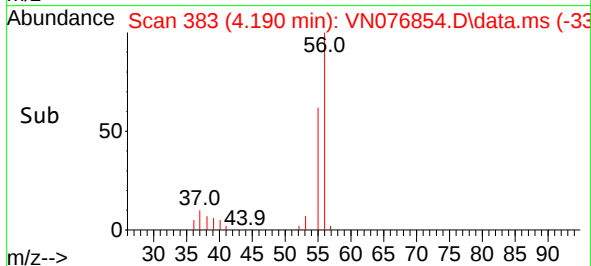
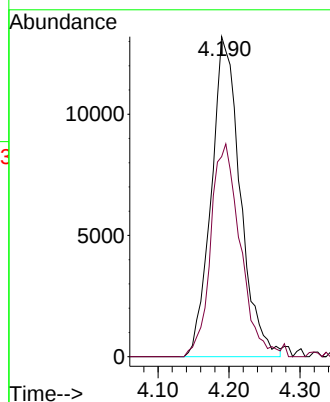
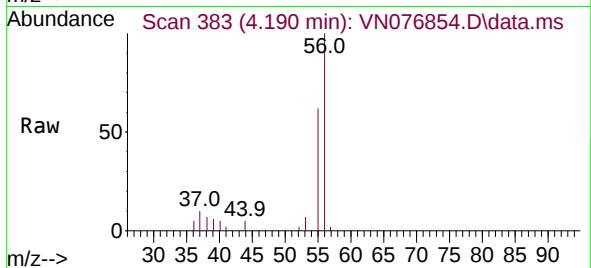
#13
Acrolein
Concen: 27.054 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 37374
Ion Ratio Lower Upper
56 100
55 68.3 56.7 85.1

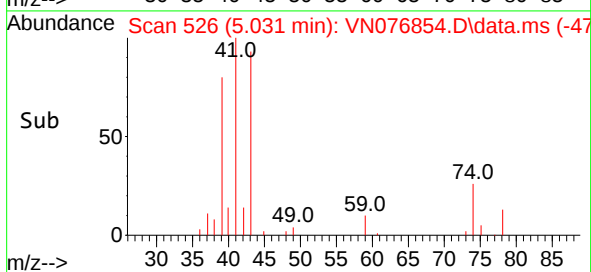
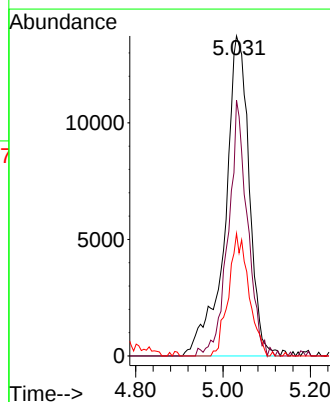
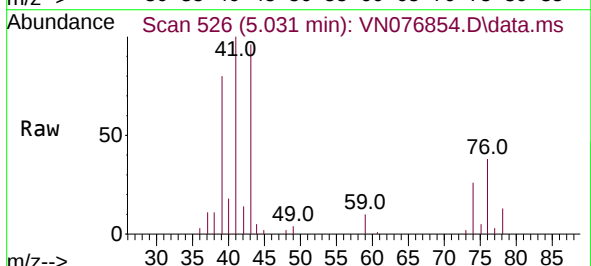
Manual Integrations
APPROVED

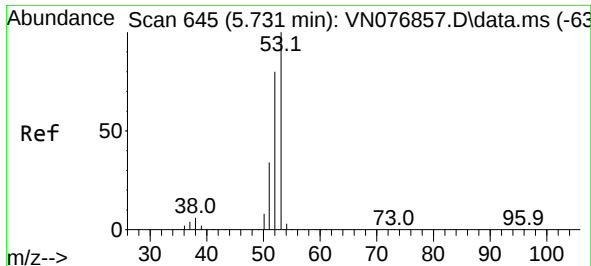
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#14
Allyl chloride
Concen: 5.522 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

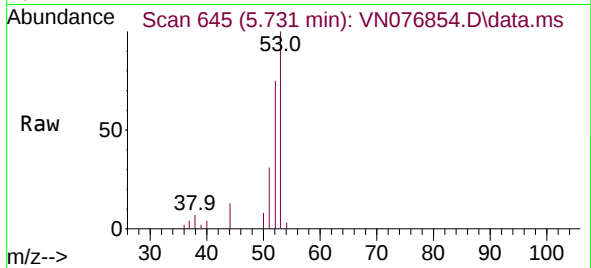
Tgt Ion: 41 Resp: 52770
Ion Ratio Lower Upper
41 100
39 62.9 68.1 102.1#
76 32.1 44.1 66.1#





#15
Acrylonitrile
Concen: 25.638 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

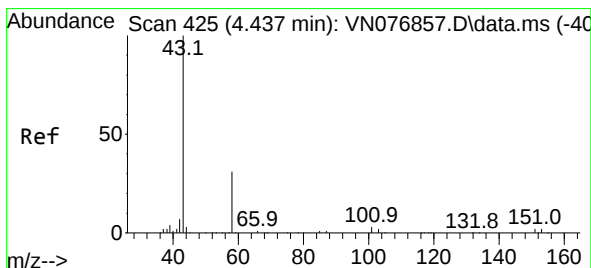
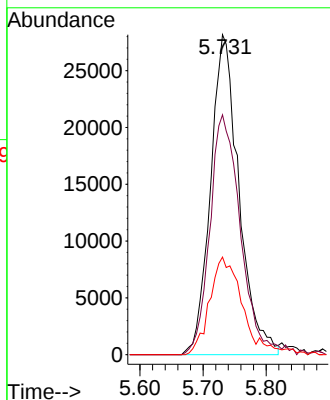
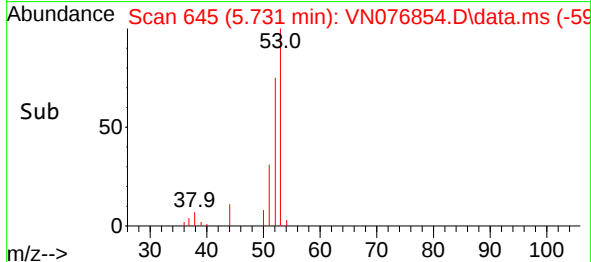
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



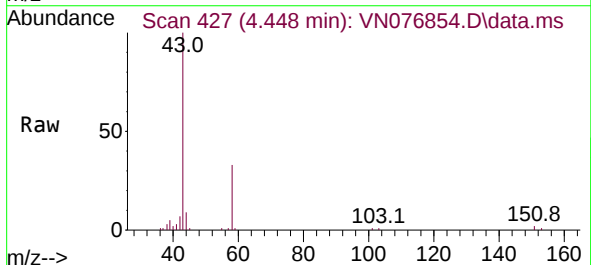
Tgt Ion: 53 Resp: 88049
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 34.8 28.8 43.2

Manual Integrations
APPROVED

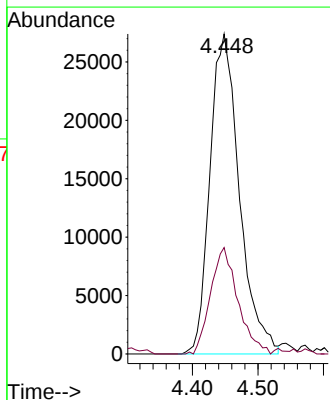
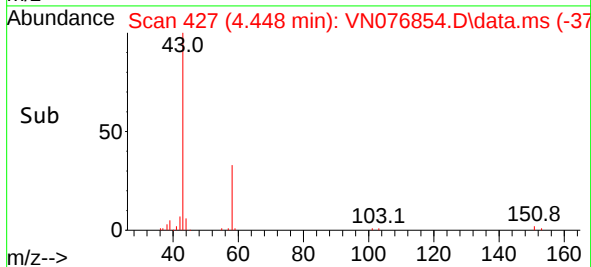
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

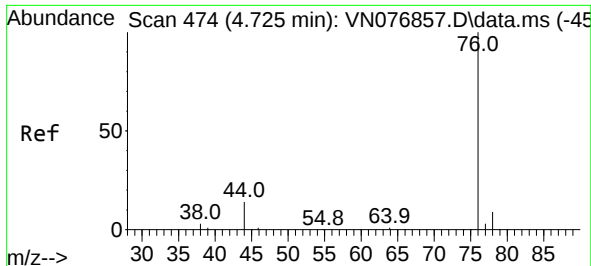


#16
Acetone
Concen: 27.242 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



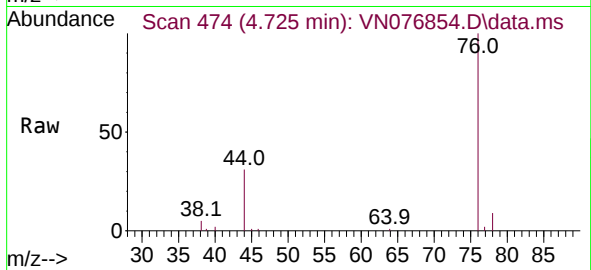
Tgt Ion: 43 Resp: 85514
Ion Ratio Lower Upper
43 100
58 33.2 28.2 42.2





#17
Carbon Disulfide
Concen: 5.109 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

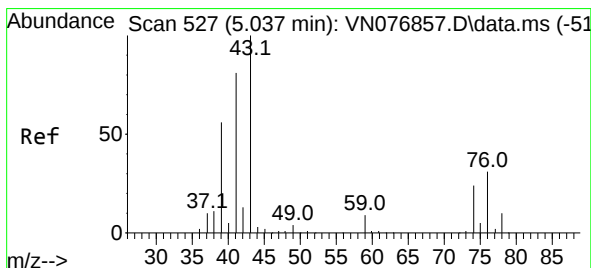
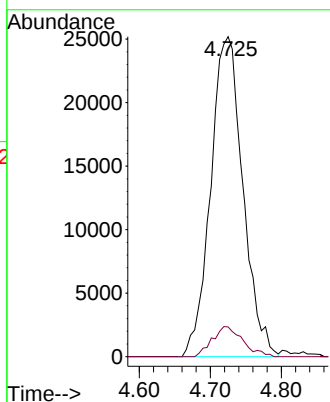
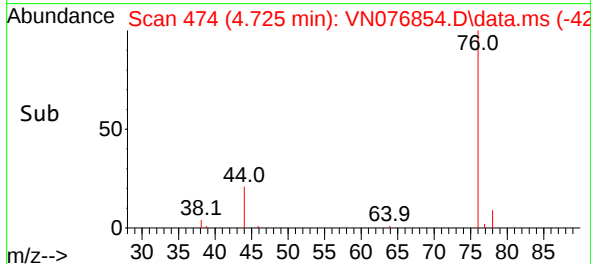
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



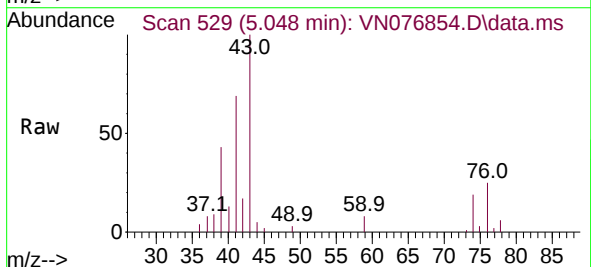
Tgt Ion: 76 Resp: 7938
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

Manual Integrations
APPROVED

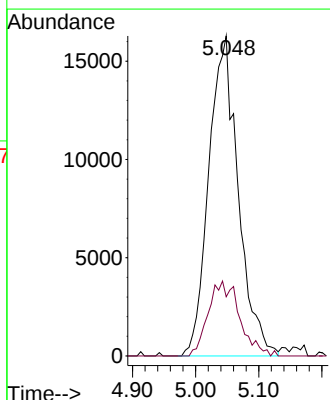
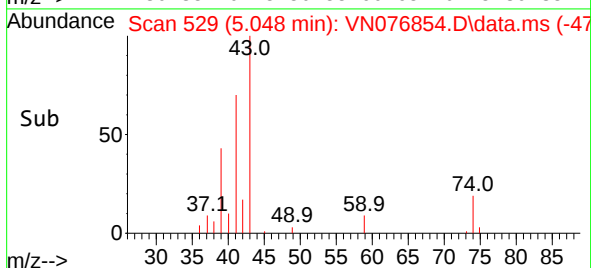
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

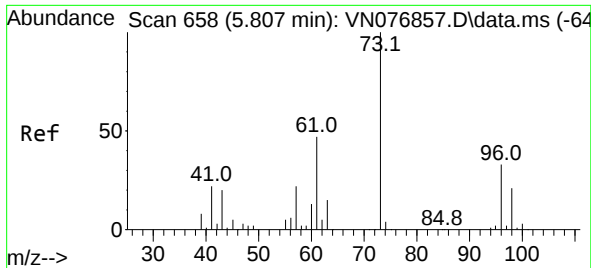


#18
Methyl Acetate
Concen: 4.900 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



Tgt Ion: 43 Resp: 52708
Ion Ratio Lower Upper
43 100
74 24.9 25.9 38.9#





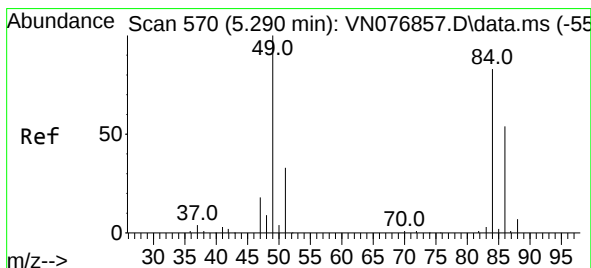
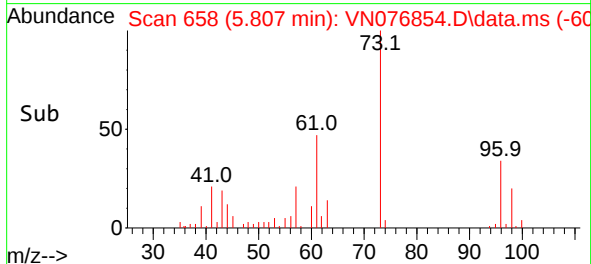
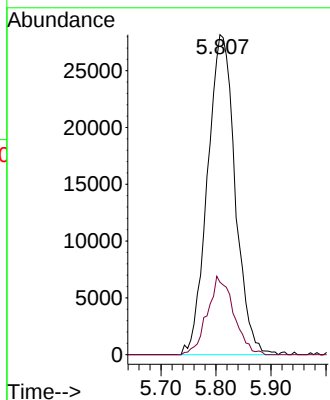
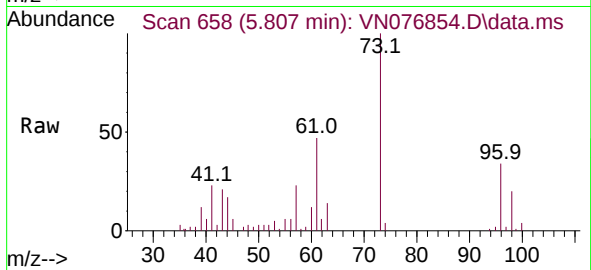
#19
Methyl tert-butyl Ether
Concen: 5.019 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 98518
Ion Ratio Lower Upper
73 100
57 22.7 16.1 24.1

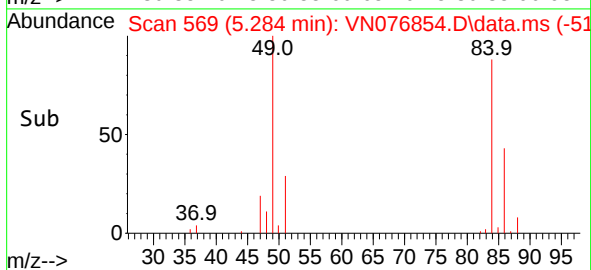
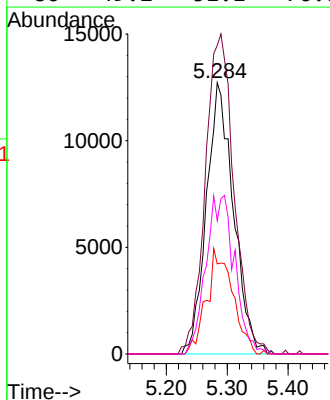
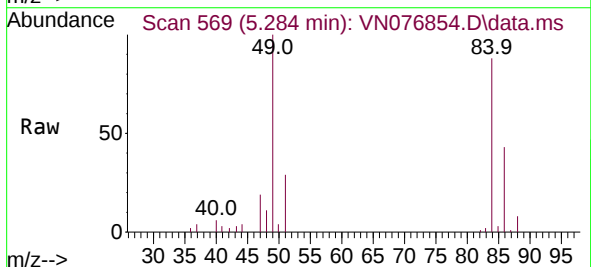
Manual Integrations
APPROVED

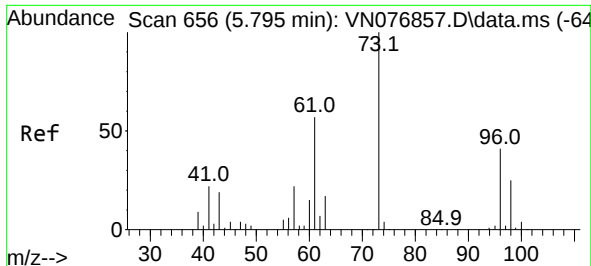
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#20
Methylene Chloride
Concen: 5.354 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 84 Resp: 39208
Ion Ratio Lower Upper
84 100
49 113.7 76.6 114.8
51 33.2 25.4 38.2
86 49.2 51.1 76.7#





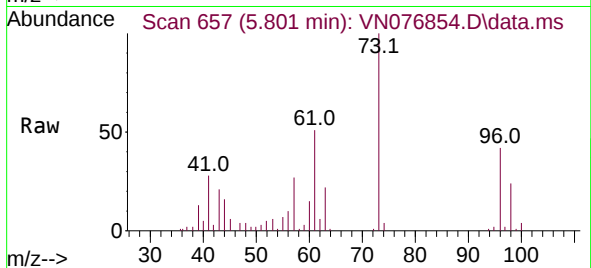
#21
trans-1,2-Dichloroethene
Concen: 5.356 ug/l
RT: 5.801 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



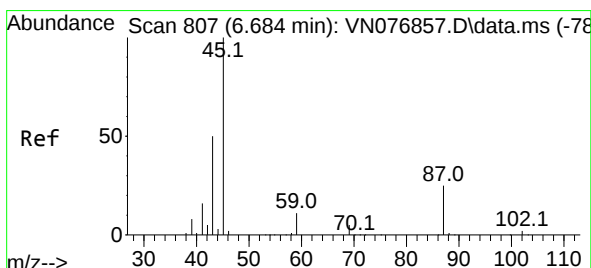
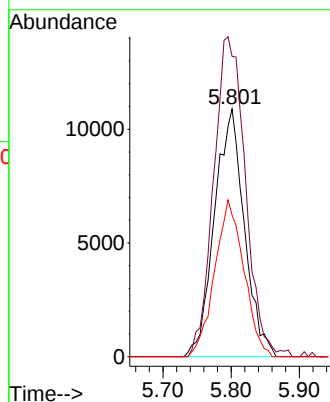
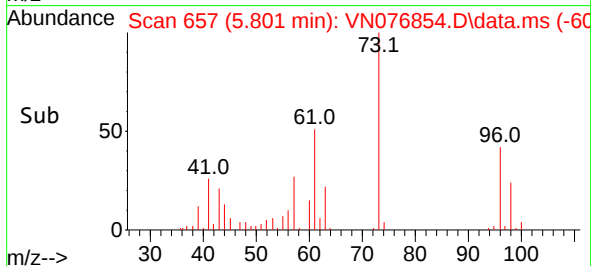
Tgt Ion: 96 Resp: 33149
Ion Ratio Lower Upper
96 100
61 121.3 95.0 142.6
98 57.2 54.5 81.7

Manual Integrations

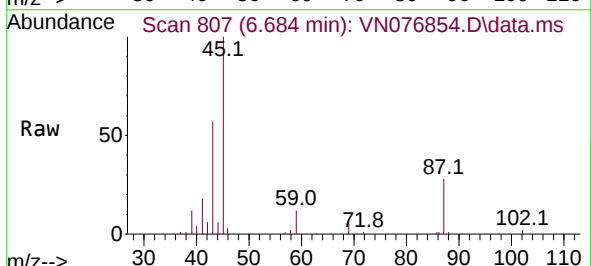
APPROVED

Reviewed By :John Carlone 03/07/2023

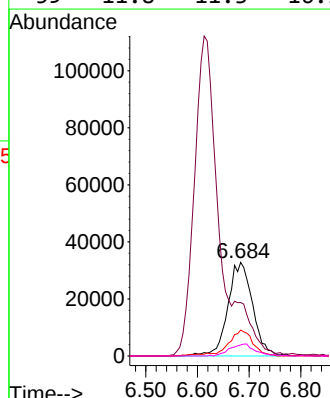
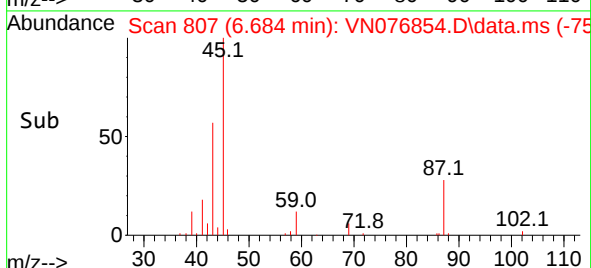
Supervised By :Semsettin Yesilyurt 03/07/2023

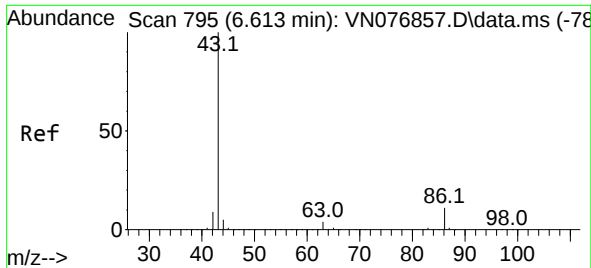


#22
Diisopropyl ether
Concen: 5.062 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



Tgt Ion: 45 Resp: 108820
Ion Ratio Lower Upper
45 100
43 53.7 42.6 63.8
87 27.8 29.7 44.5#
59 11.8 11.3 16.9





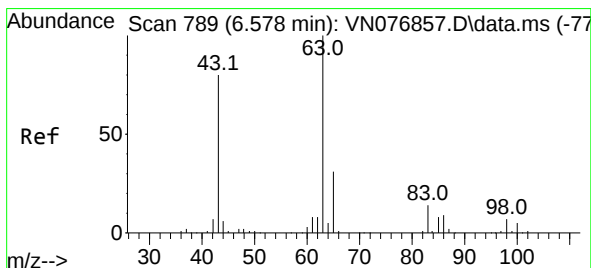
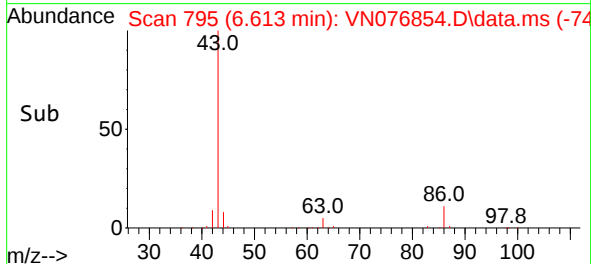
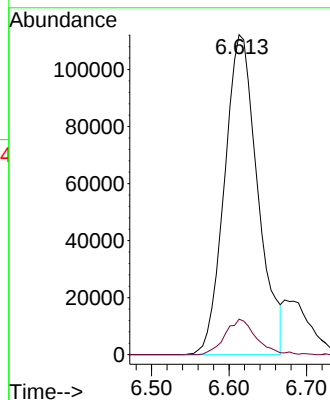
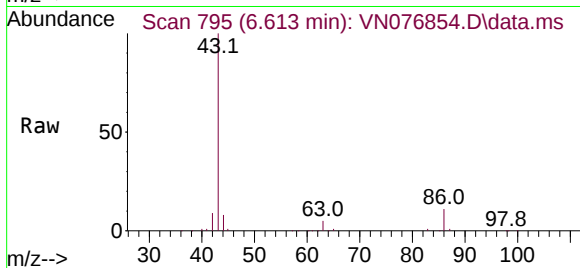
#23
 Vinyl Acetate
 Concen: 24.419 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076854.D
 Acq: 06 Mar 2023 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 33440
 Ion Ratio Lower Upper
 43 100
 86 11.1 11.8 17.6

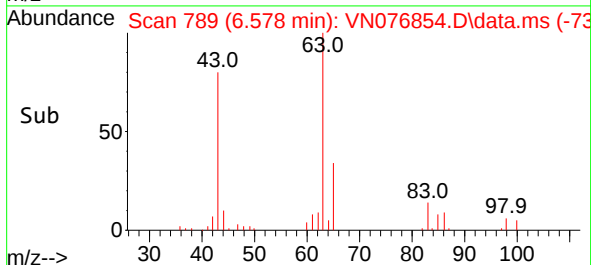
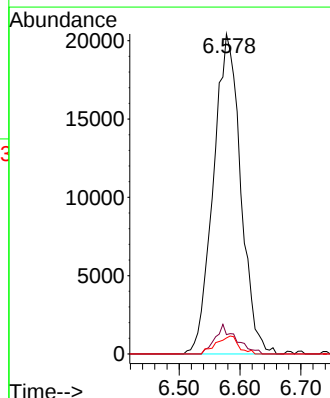
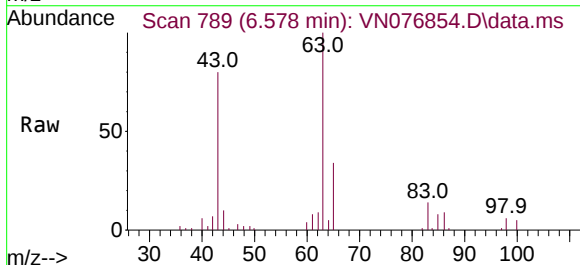
Manual Integrations
 APPROVED

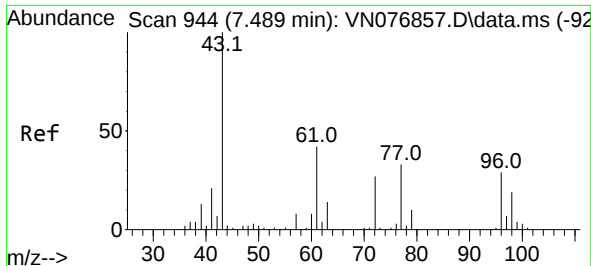
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023



#24
 1,1-Dichloroethane
 Concen: 5.193 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076854.D
 Acq: 06 Mar 2023 17:38

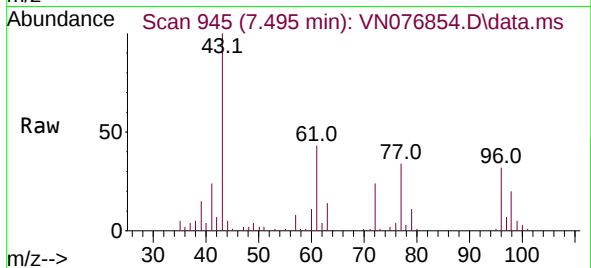
Tgt Ion: 63 Resp: 63664
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.2 12.6
 100 5.0 2.2 6.6





#25
2-Butanone
Concen: 26.024 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

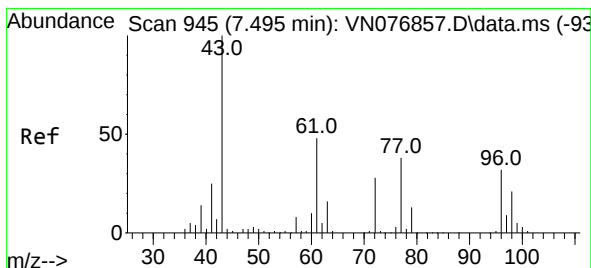
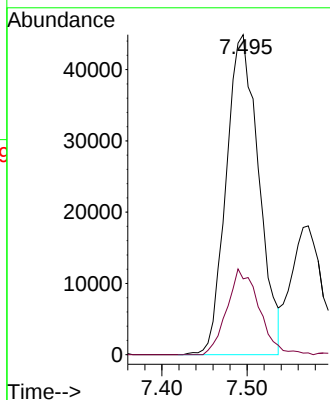
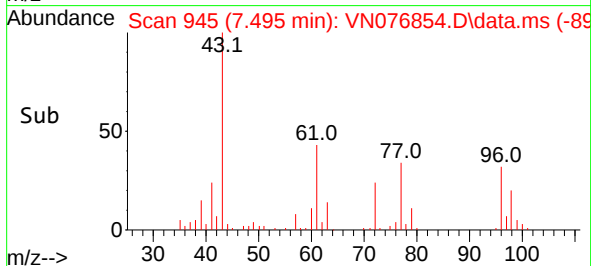
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 119328
Ion Ratio Lower Upper
43 100
72 23.7 28.8 43.2

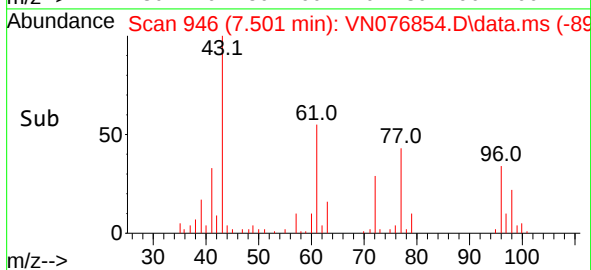
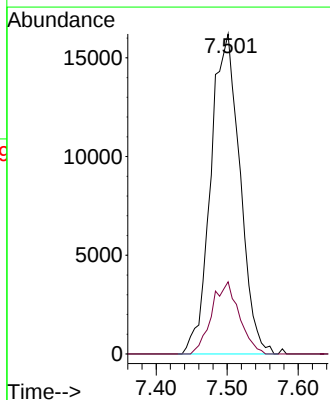
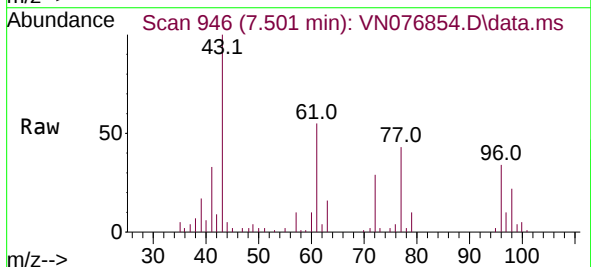
Manual Integrations
APPROVED

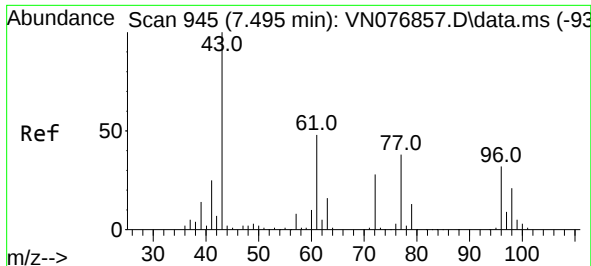
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#26
2,2-Dichloropropane
Concen: 5.153 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

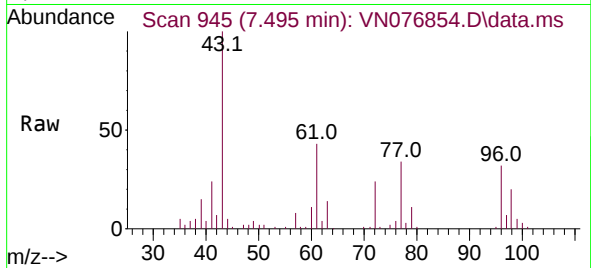
Tgt Ion: 77 Resp: 46260
Ion Ratio Lower Upper
77 100
97 21.2 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 5.128 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

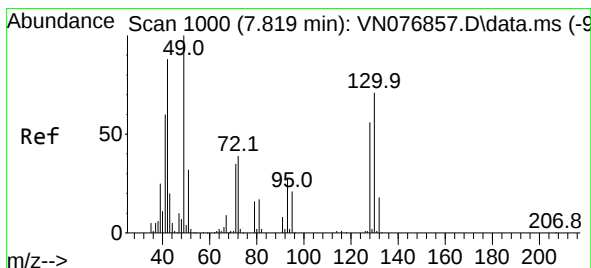
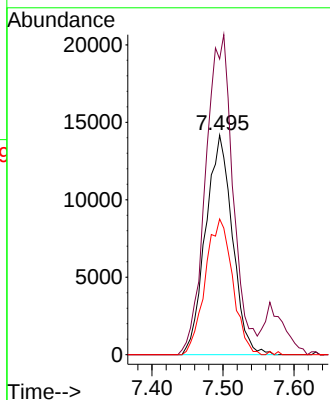
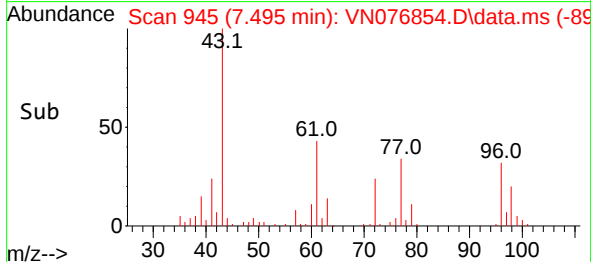
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 3718
Ion Ratio Lower Upper
96 100
61 149.1 0.0 255.6
98 63.0 0.0 127.4

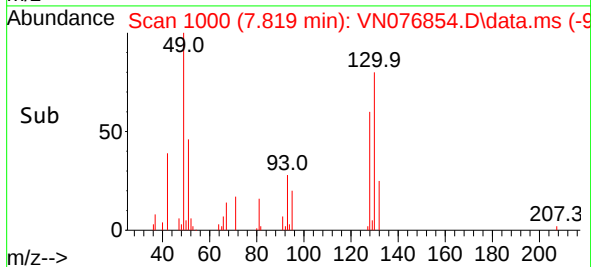
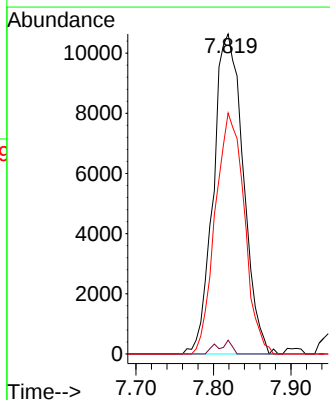
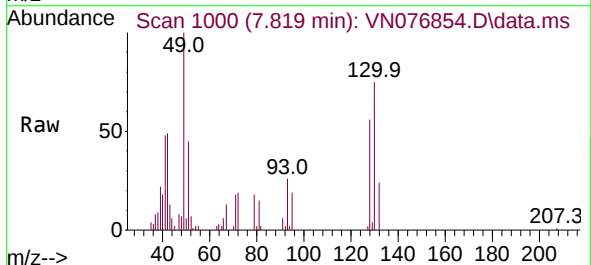
Manual Integrations
APPROVED

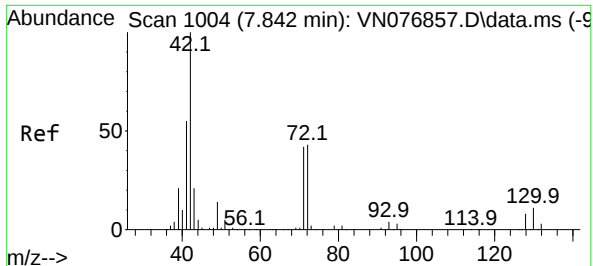
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#28
Bromochloromethane
Concen: 5.504 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 49 Resp: 28534
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.6
130 73.1 74.8 112.2#





#29

Tetrahydrofuran

Concen: 24.307 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 71900

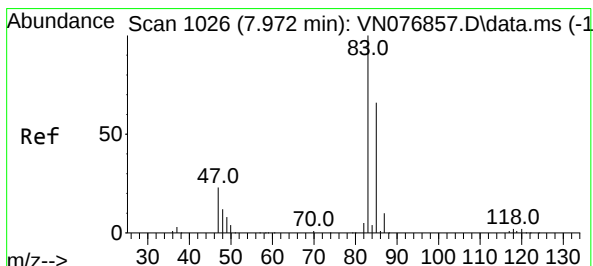
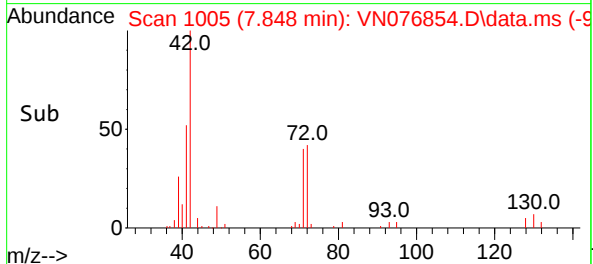
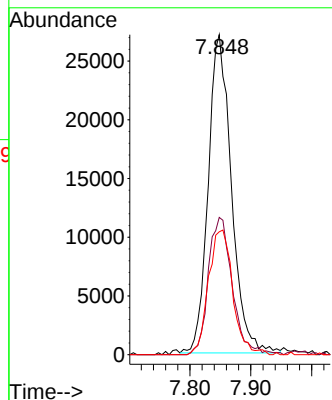
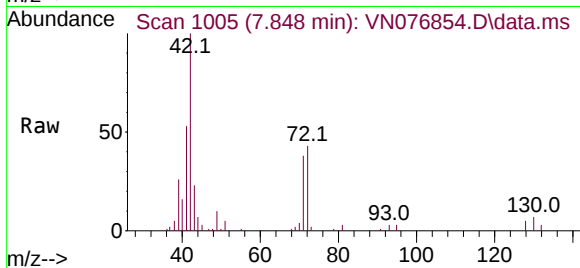
Ion	Ratio	Lower	Upper
42	100		
72	44.5	48.6	73.0
71	41.0	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#30

Chloroform

Concen: 5.180 ug/l

RT: 7.972 min Scan# 1026

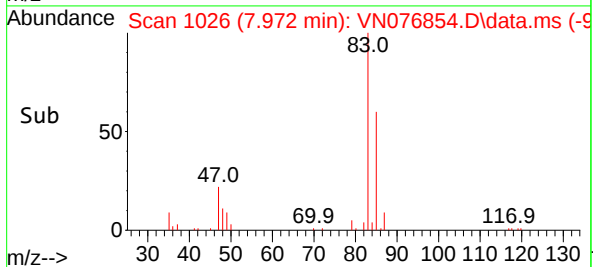
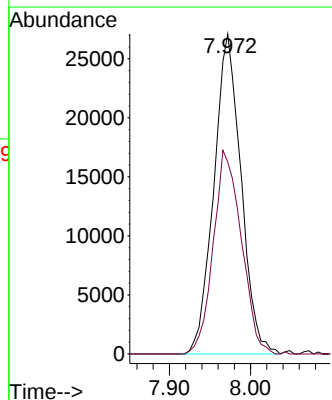
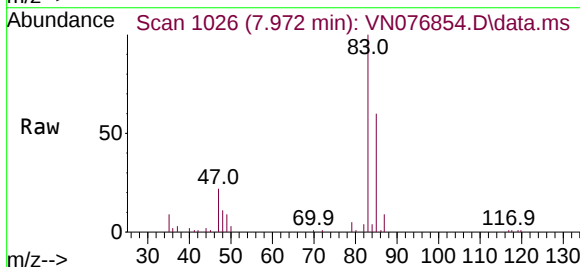
Delta R.T. -0.000 min

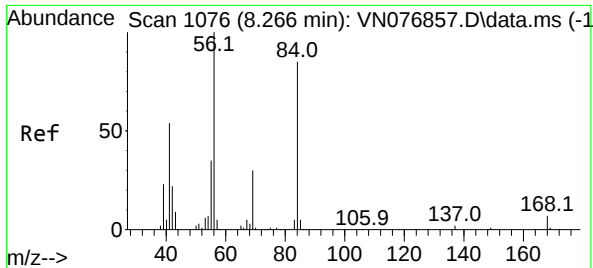
Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Tgt Ion: 83 Resp: 63078

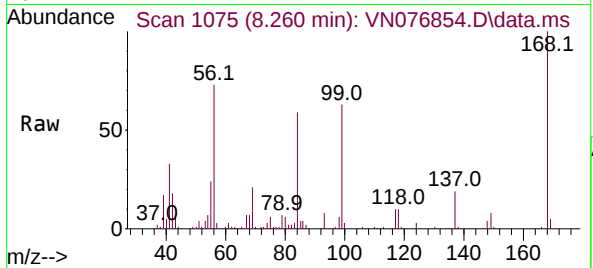
Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.3	76.9





#31
Cyclohexane
Concen: 5.754 ug/l
RT: 8.260 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

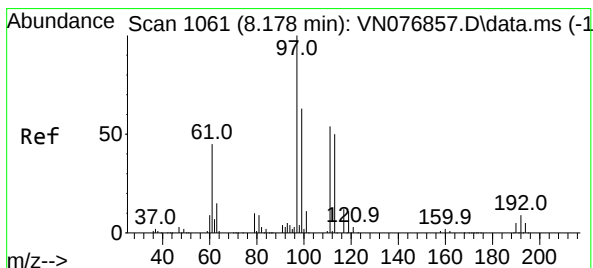
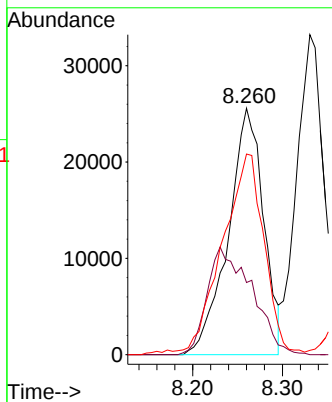
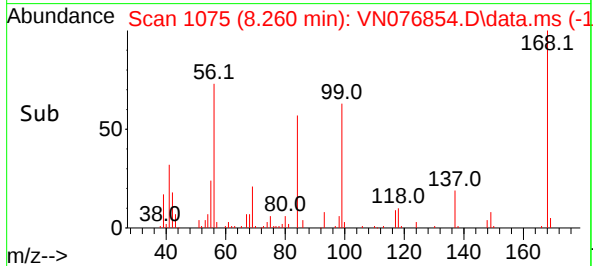
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 69902
Ion Ratio Lower Upper
56 100
69 29.3 27.0 40.6
84 79.8 82.9 124.3

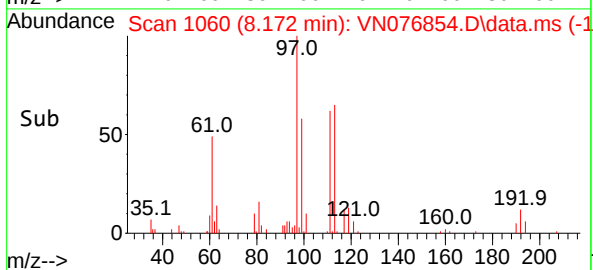
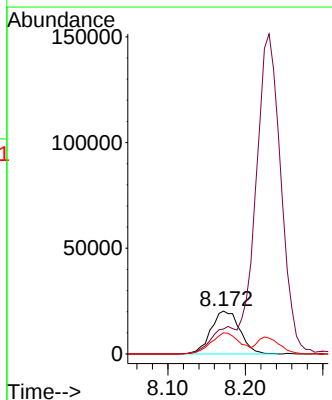
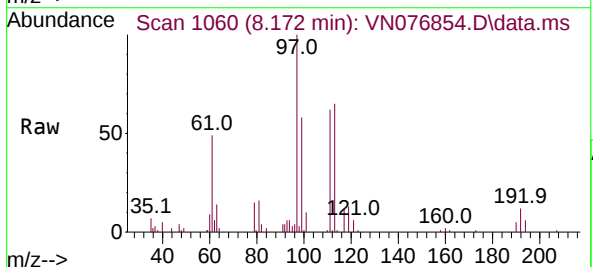
Manual Integrations
APPROVED

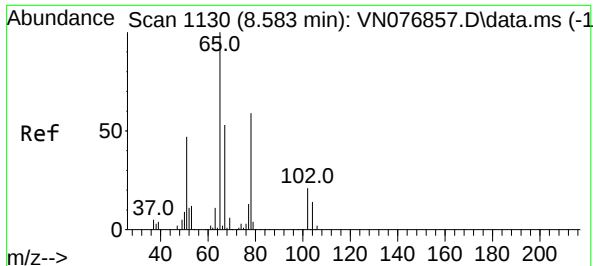
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#32
1,1,1-Trichloroethane
Concen: 4.988 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 97 Resp: 52596
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 49.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 5.762 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 41430

Ion Ratio Lower Upper

65 100

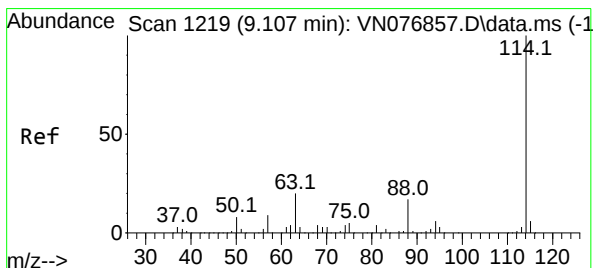
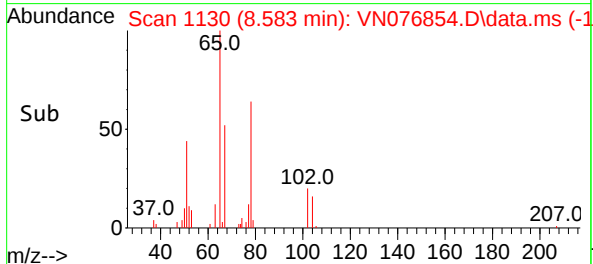
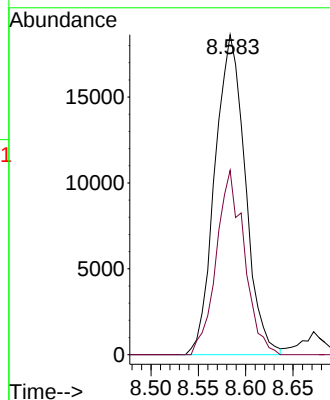
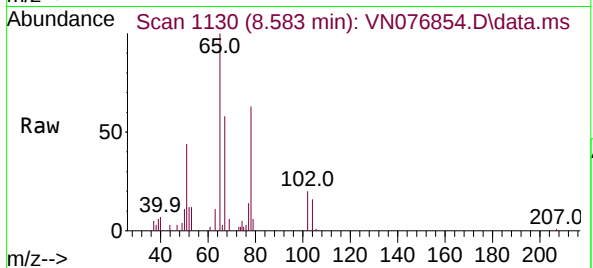
67 53.3 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

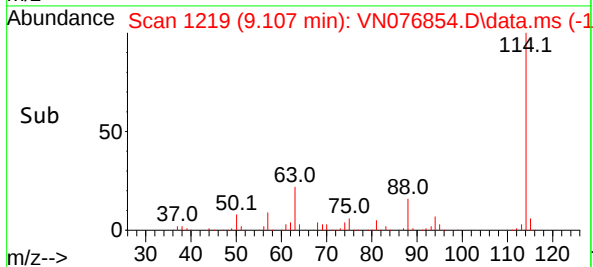
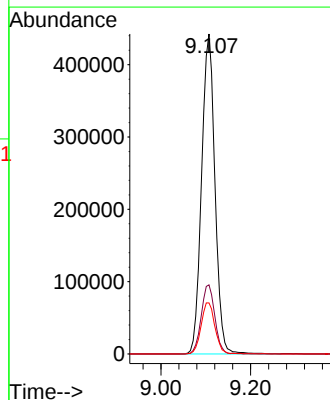
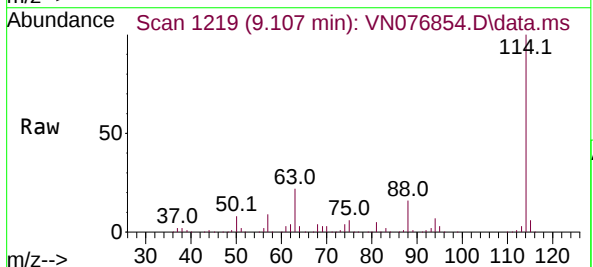
Tgt Ion:114 Resp: 915270

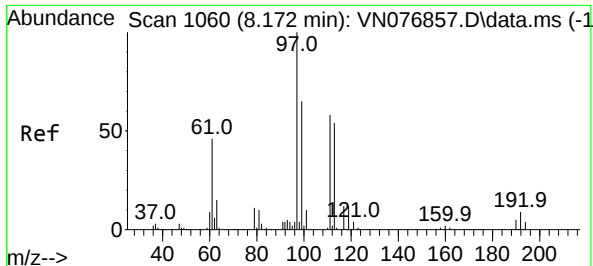
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

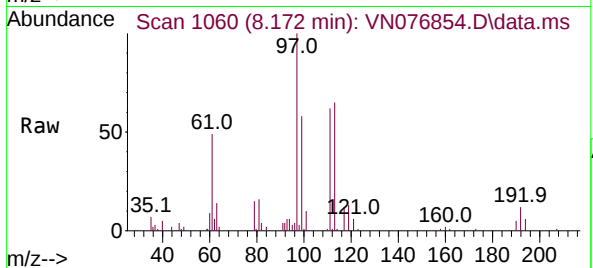
88 15.9 0.0 28.6





#35
Dibromofluoromethane
Concen: 5.587 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

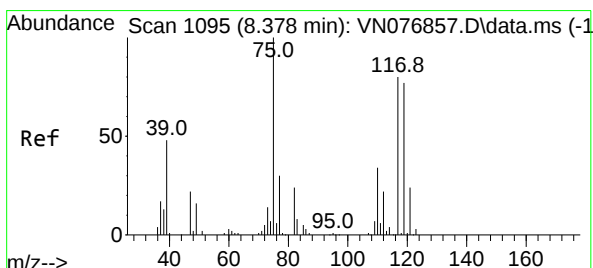
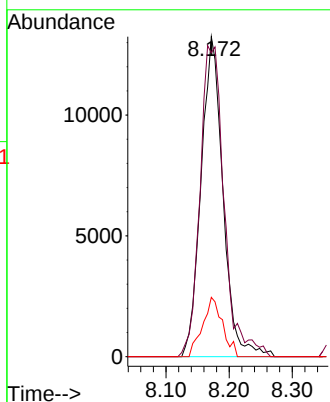
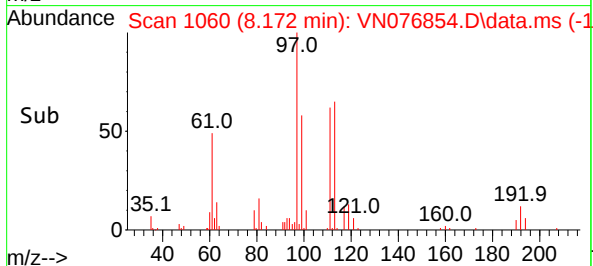
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 31992
Ion Ratio Lower Upper
113 100
111 106.8 81.8 122.8
192 16.7 13.9 20.9

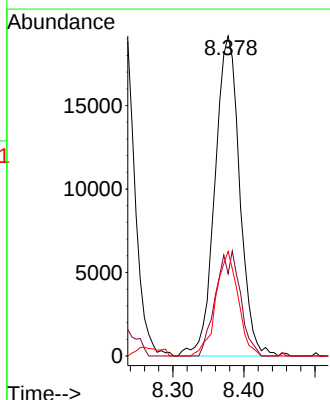
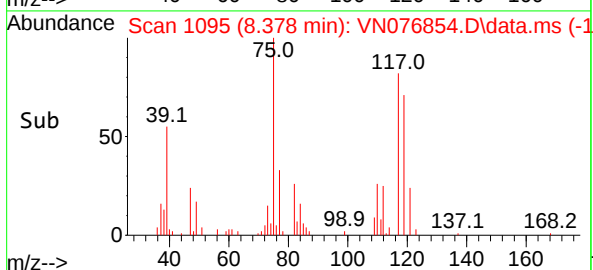
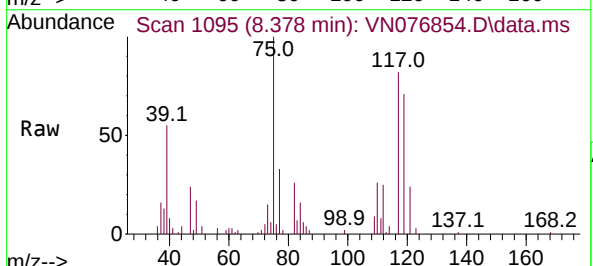
Manual Integrations
APPROVED

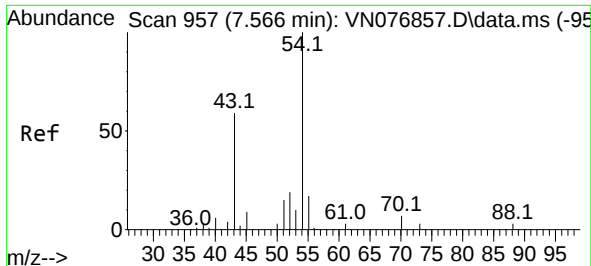
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#36
1,1-Dichloropropene
Concen: 5.034 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 75 Resp: 46322
Ion Ratio Lower Upper
75 100
110 32.5 18.9 56.9
77 29.2 24.9 37.3





#37

Ethyl Acetate

Concen: 5.158 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 4872

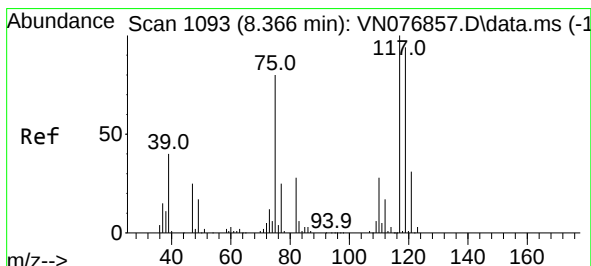
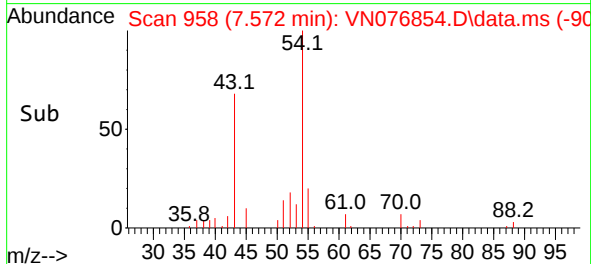
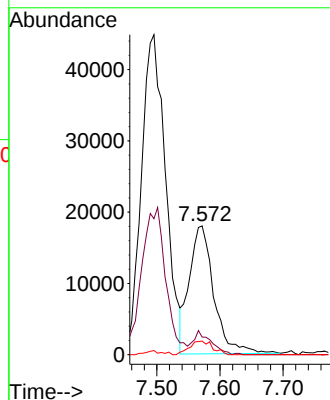
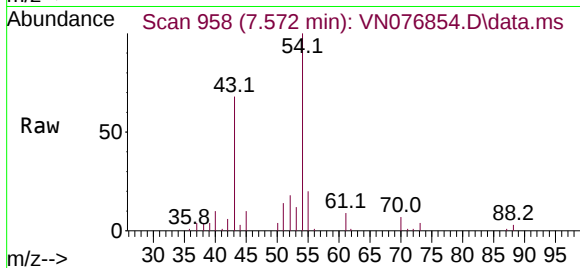
Ion	Ratio	Lower	Upper
43	100		
61	13.6	13.5	20.3
70	10.0	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#38

Carbon Tetrachloride

Concen: 5.135 ug/l

RT: 8.366 min Scan# 1093

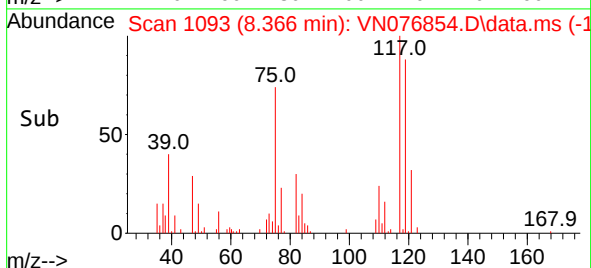
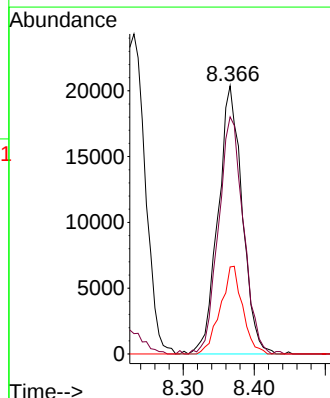
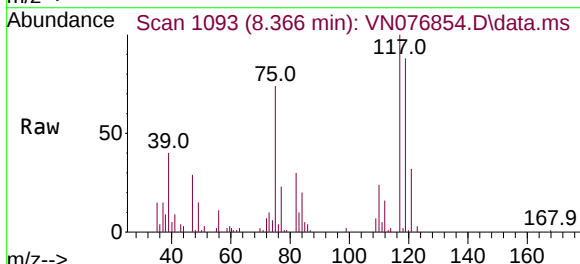
Delta R.T. -0.000 min

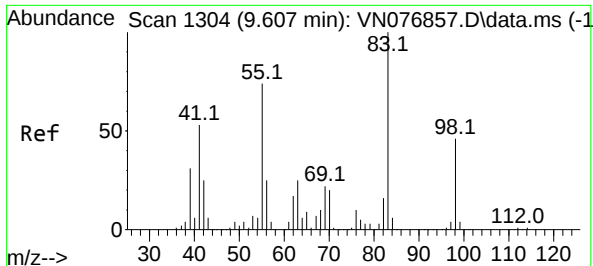
Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Tgt Ion:117 Resp: 48005

Ion	Ratio	Lower	Upper
117	100		
119	87.5	76.9	115.3
121	32.5	23.2	34.8





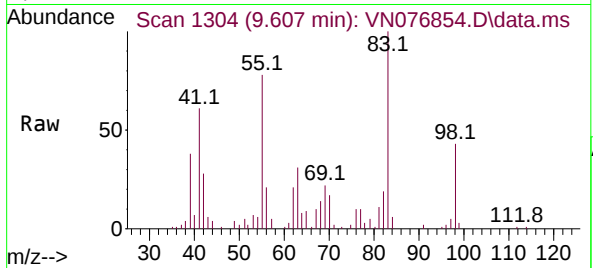
#39
Methylcyclohexane
Concen: 4.840 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



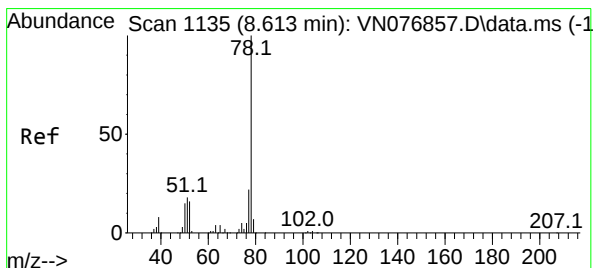
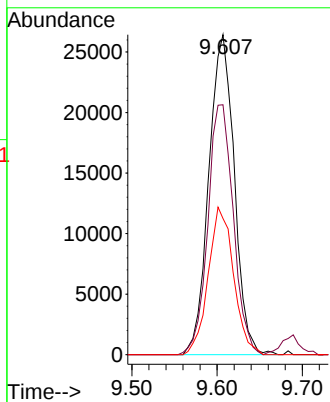
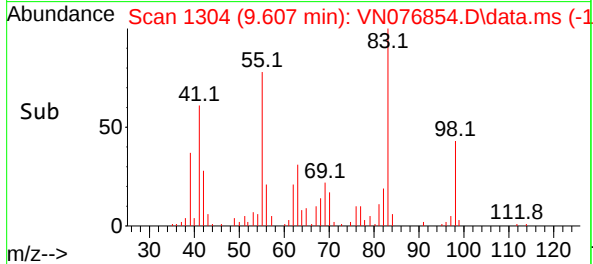
Tgt Ion: 83 Resp: 5489
Ion Ratio Lower Upper
83 100
55 78.1 47.0 70.4
98 42.5 39.4 59.0

Manual Integrations

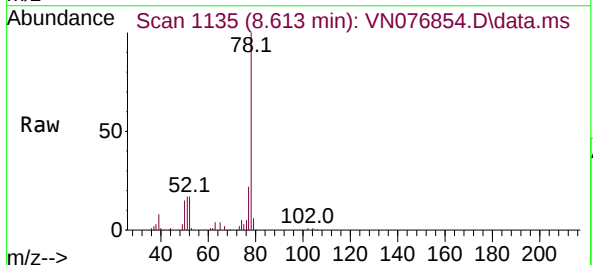
APPROVED

Reviewed By :John Carlone 03/07/2023

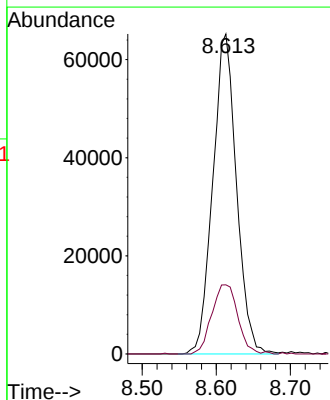
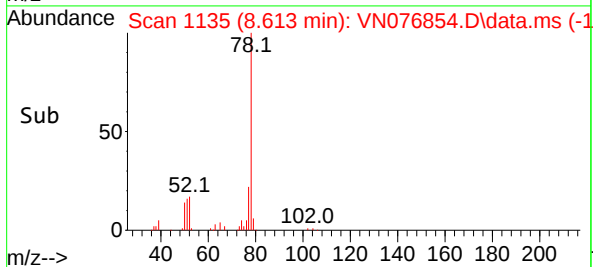
Supervised By :Semsettin Yesilyurt 03/07/2023

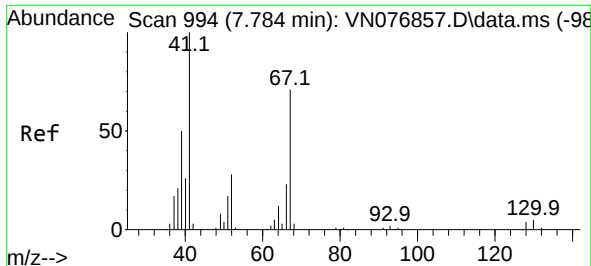


#40
Benzene
Concen: 5.161 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



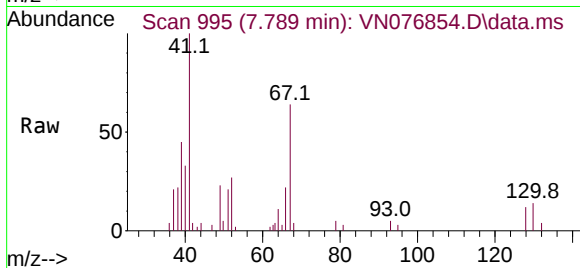
Tgt Ion: 78 Resp: 144685
Ion Ratio Lower Upper
78 100
77 21.6 19.3 28.9





#41
Methacrylonitrile
Concen: 4.886 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

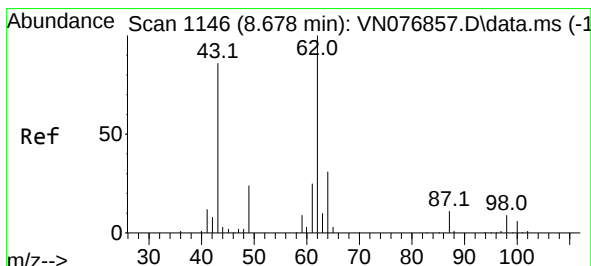
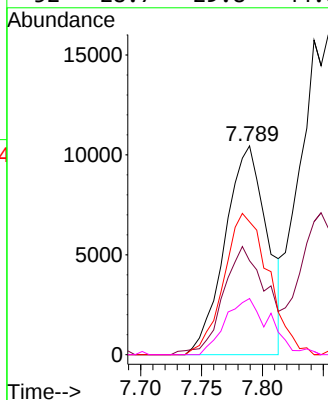
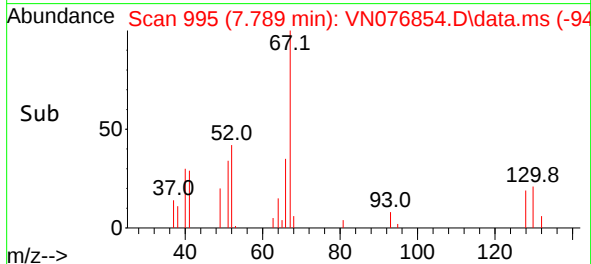
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



Tgt Ion: 41 Resp: 2520
Ion Ratio Lower Upper
41 100
39 52.3 43.4 65.0
67 71.9 78.6 118.0
52 28.7 29.8 44.8

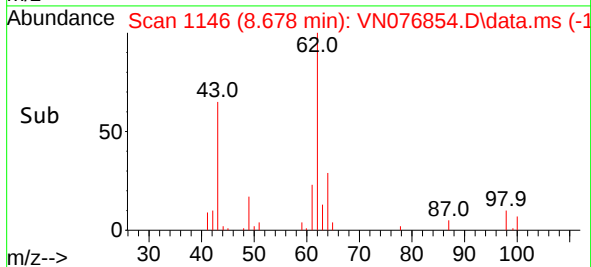
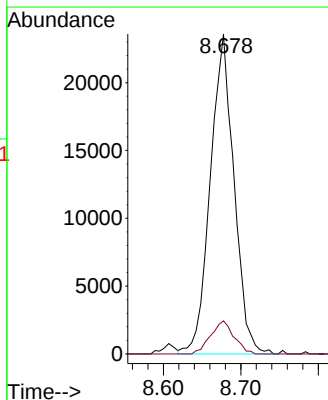
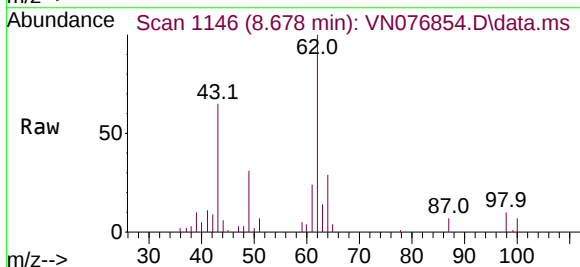
Manual Integrations
APPROVED

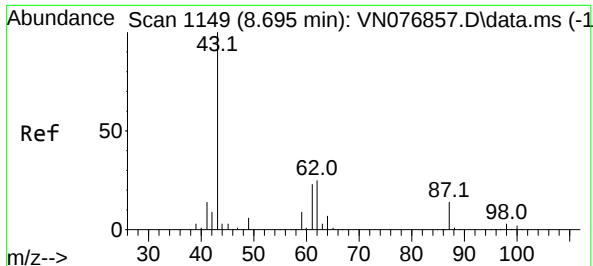
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#42
1,2-Dichloroethane
Concen: 5.139 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 62 Resp: 50187
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.8





#43

Isopropyl Acetate

Concen: 5.000 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

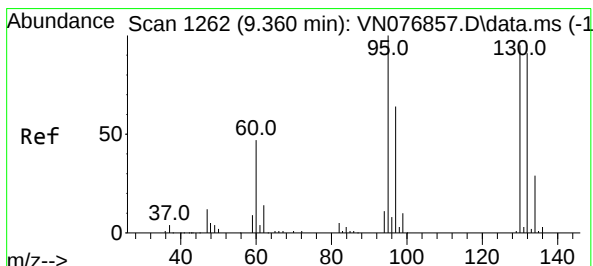
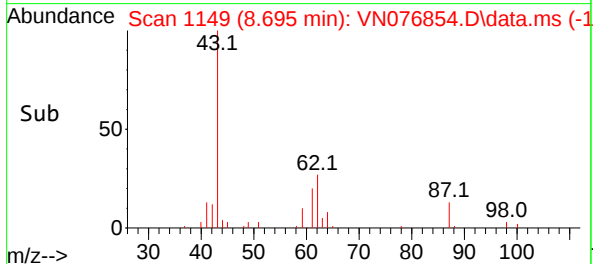
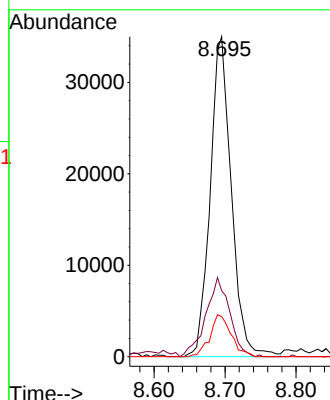
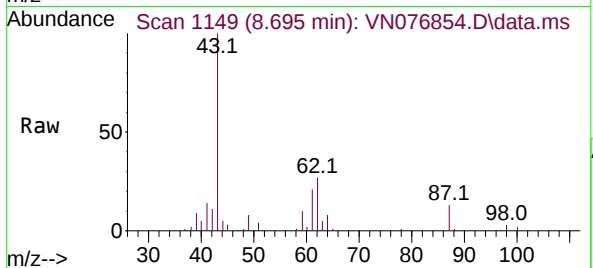
Tgt Ion: 43	Resp: 7230
Ion Ratio	Lower Upper
43 100	
61 28.0	26.2 39.2
87 13.1	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#44

Trichloroethene

Concen: 5.084 ug/l

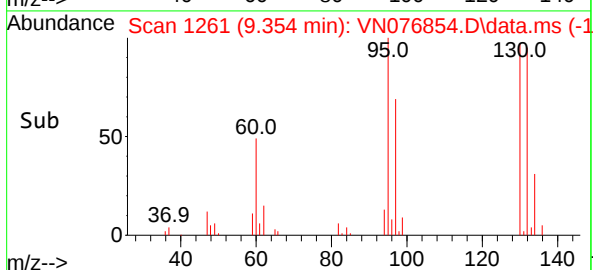
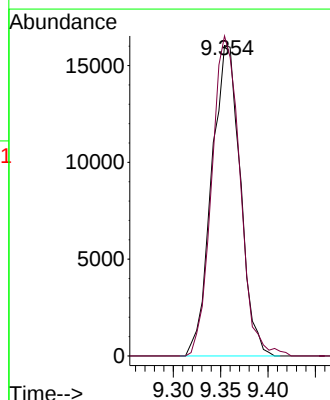
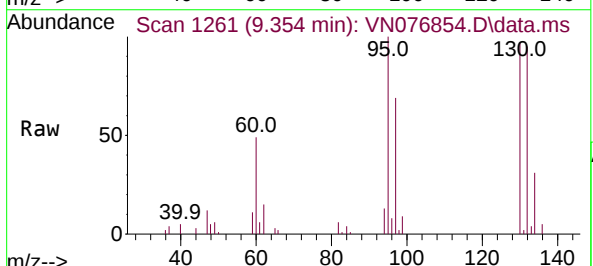
RT: 9.354 min Scan# 1261

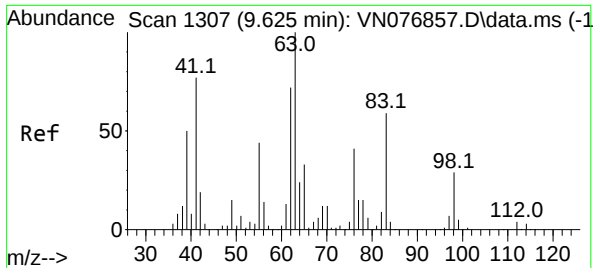
Delta R.T. -0.006 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Tgt Ion:130	Resp: 33795
Ion Ratio	Lower Upper
130 100	
95 103.1	0.0 208.6





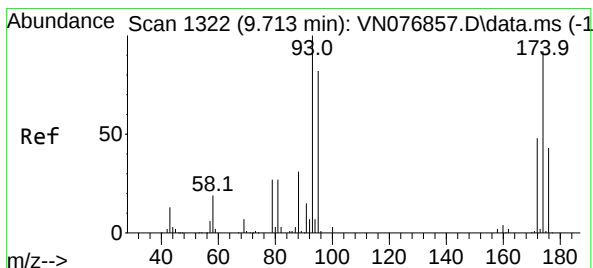
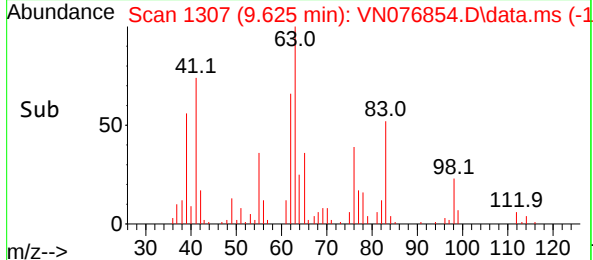
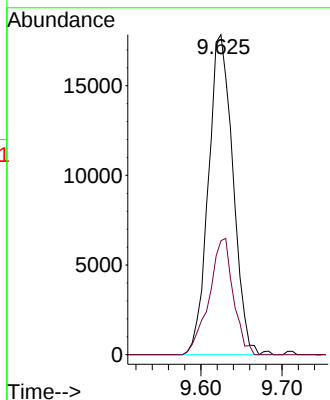
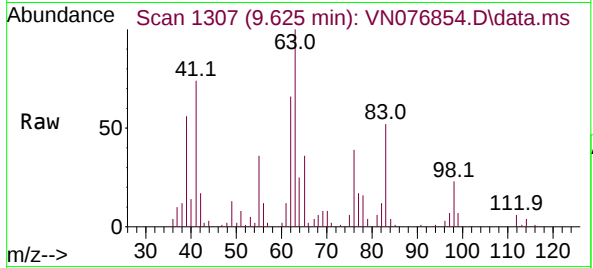
#45
1,2-Dichloropropane
Concen: 5.174 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 3748
Ion Ratio Lower Upper
63 100
65 35.6 25.0 37.6

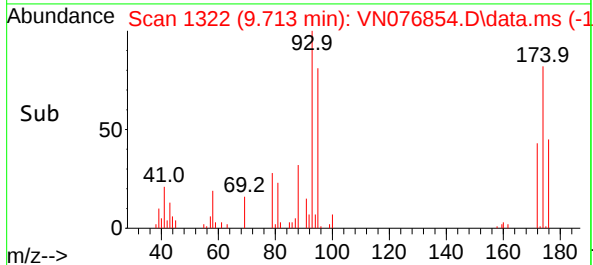
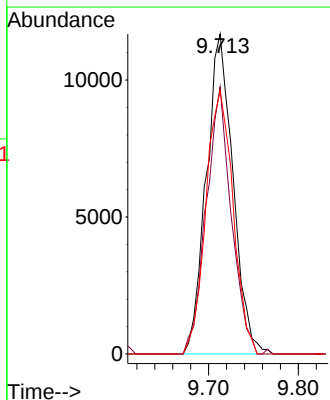
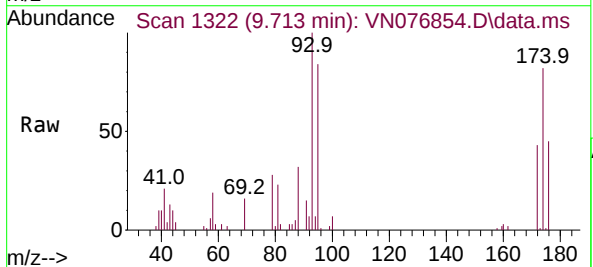
Manual Integrations
APPROVED

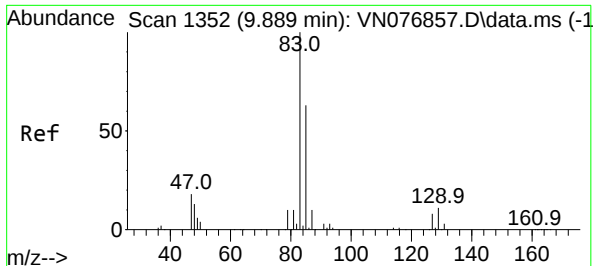
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#46
Dibromomethane
Concen: 5.248 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 93 Resp: 24146
Ion Ratio Lower Upper
93 100
95 78.4 65.7 98.5
174 83.7 69.3 103.9





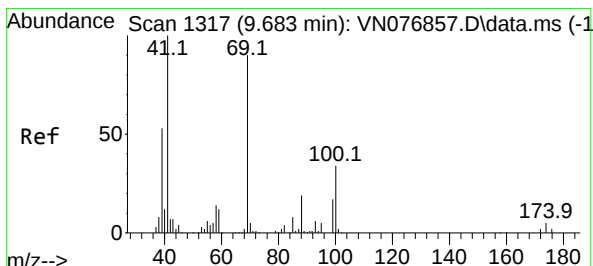
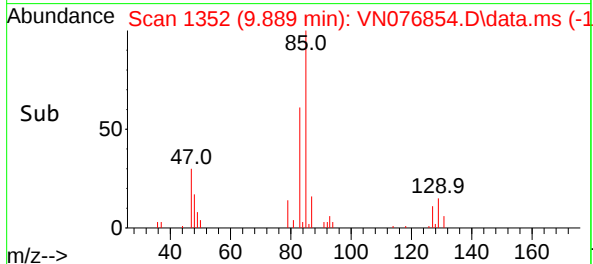
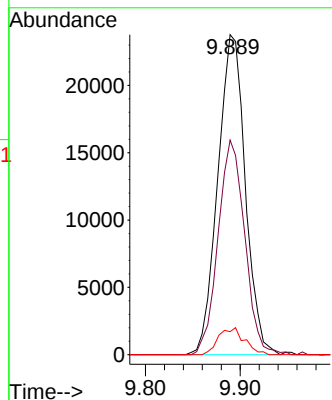
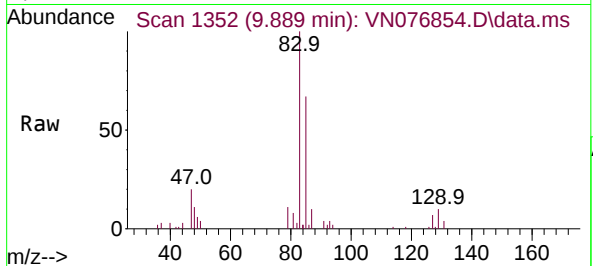
#47
Bromodichloromethane
Concen: 5.069 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4795
Ion Ratio Lower Upper
83 100
85 67.1 52.6 78.8
127 7.2 7.0 10.6

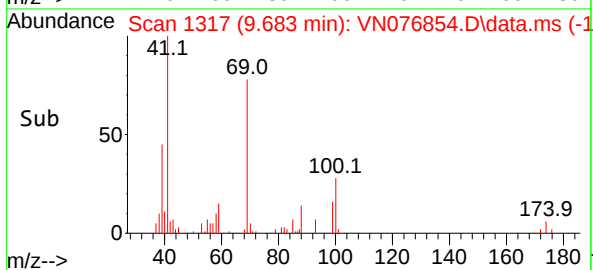
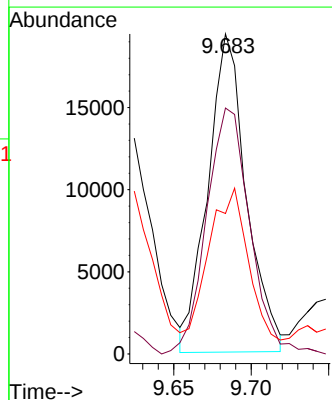
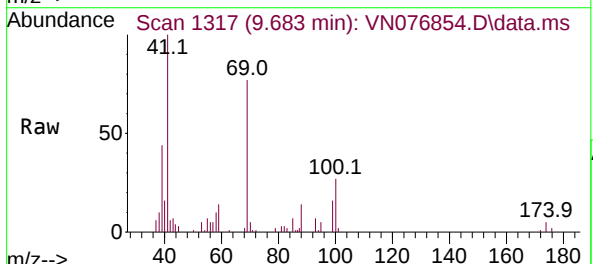
Manual Integrations
APPROVED

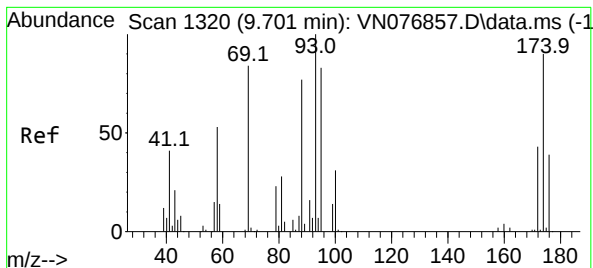
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#48
Methyl methacrylate
Concen: 4.768 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 41 Resp: 33506
Ion Ratio Lower Upper
41 100
69 87.0 92.6 139.0#
39 48.2 51.4 77.0#





#49

1,4-Dioxane

Concen: 101.357 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 13054

Ion Ratio Lower Upper

88 100

43 27.2 15.3 22.9

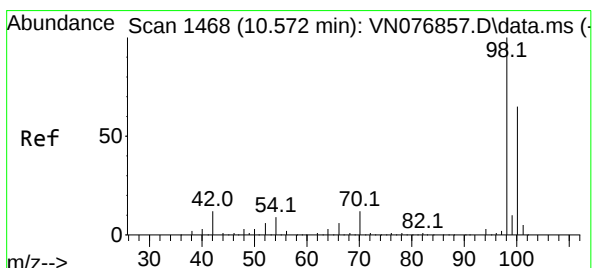
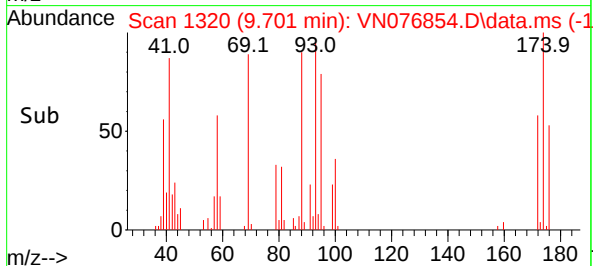
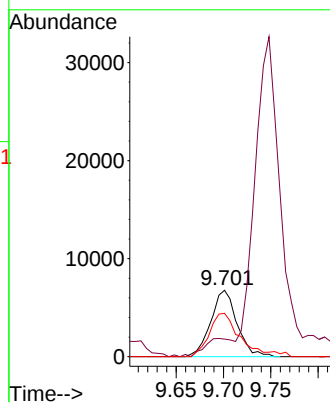
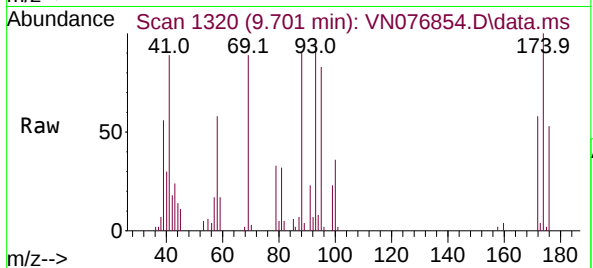
58 77.5 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#50

Toluene-d8

Concen: 5.420 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076854.D

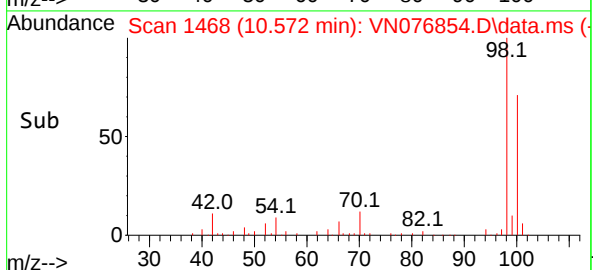
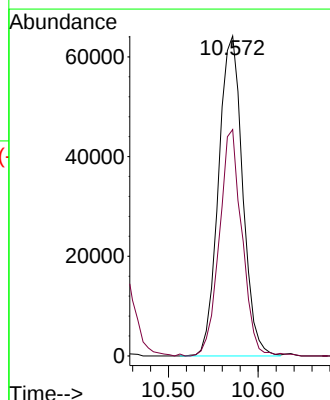
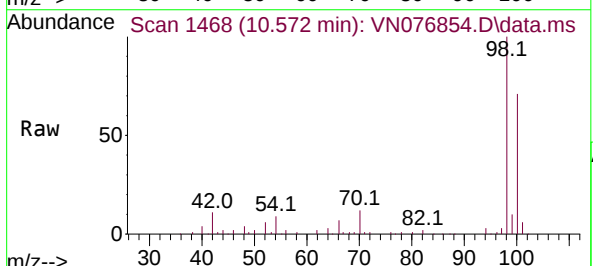
Acq: 06 Mar 2023 17:38

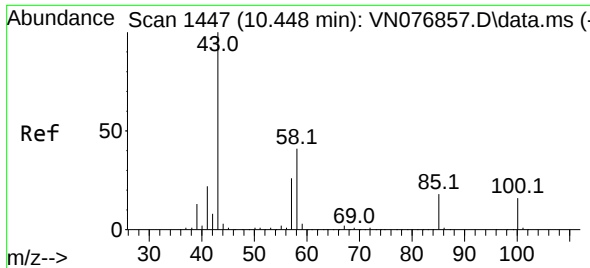
Tgt Ion: 98 Resp: 119573

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2





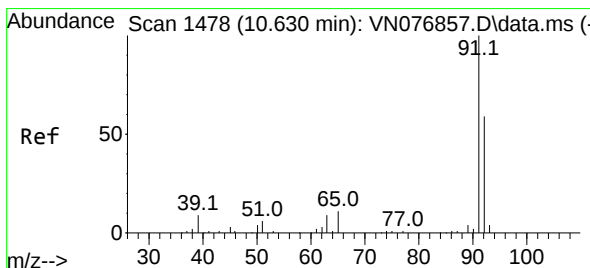
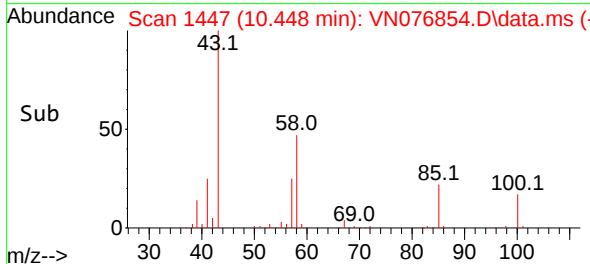
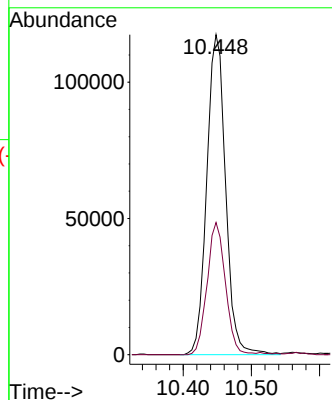
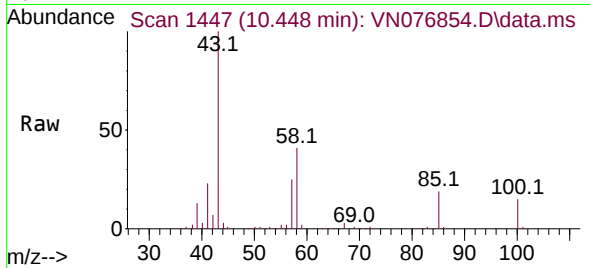
#51
4-Methyl-2-Pentanone
Concen: 24.777 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 225990
Ion Ratio Lower Upper
43 100
58 40.2 37.4 56.0

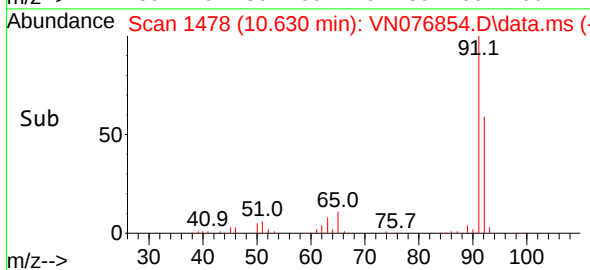
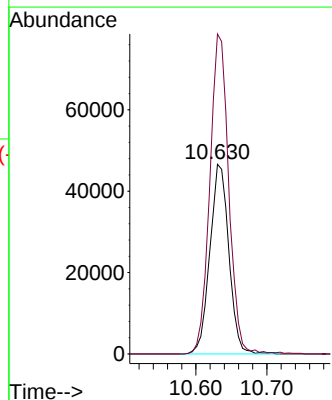
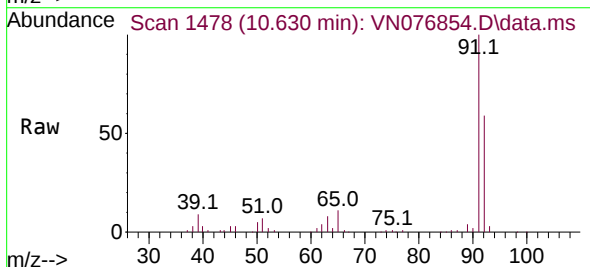
Manual Integrations
APPROVED

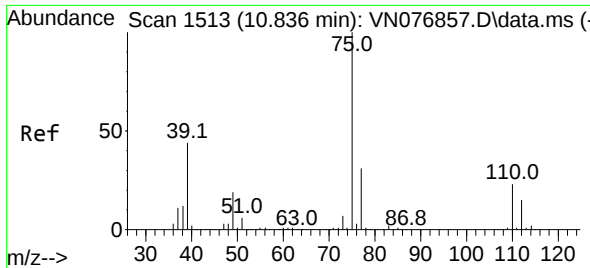
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#52
Toluene
Concen: 5.182 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 92 Resp: 86489
Ion Ratio Lower Upper
92 100
91 168.6 138.2 207.2





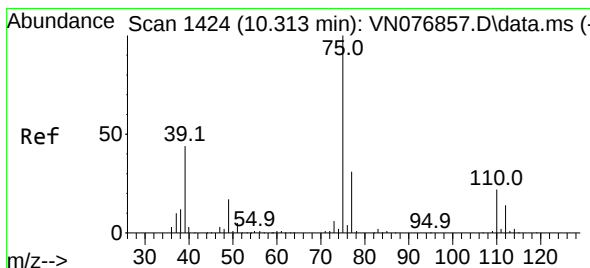
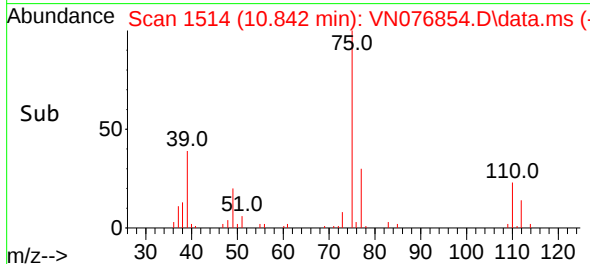
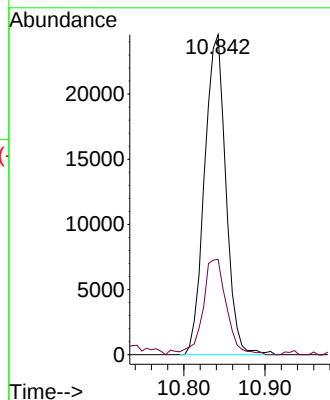
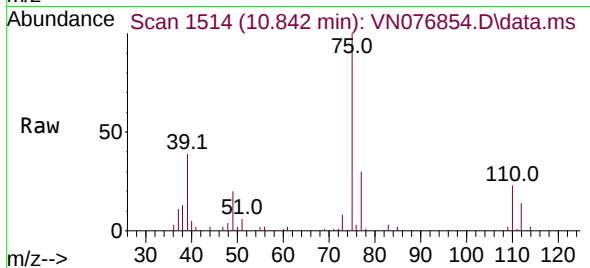
#53
t-1,3-Dichloropropene
Concen: 4.888 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 44819
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6

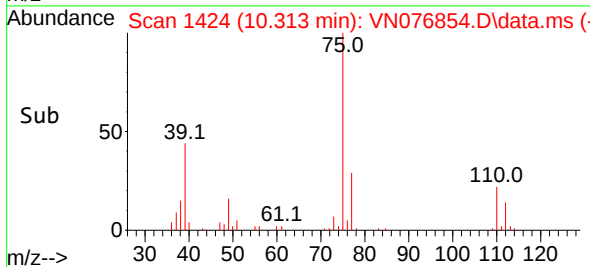
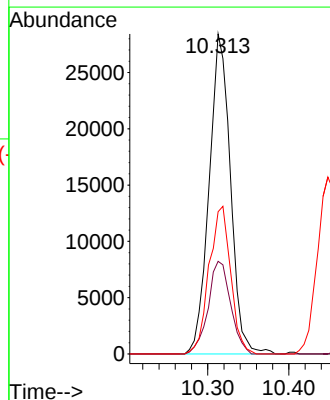
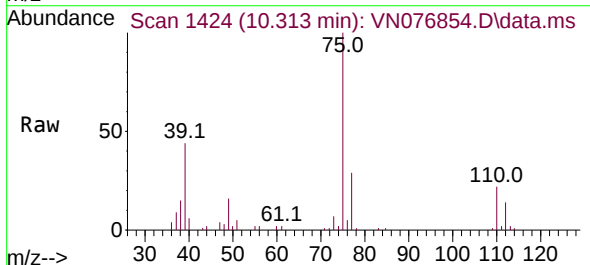
Manual Integrations
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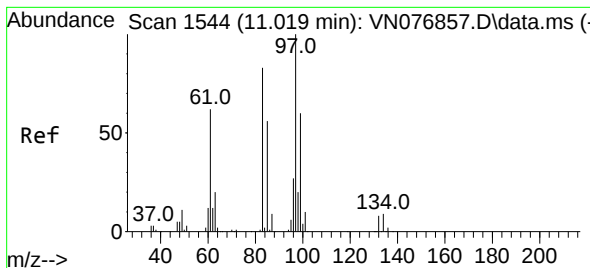
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#54
cis-1,3-Dichloropropene
Concen: 4.923 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

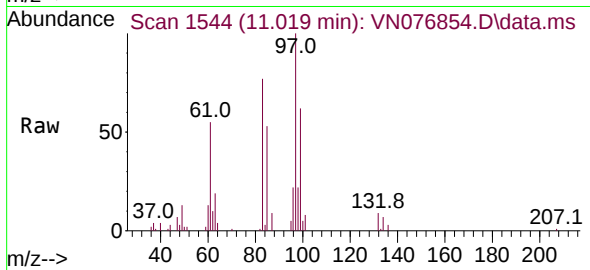
Tgt Ion: 75 Resp: 51851
Ion Ratio Lower Upper
75 100
77 28.9 25.7 38.5
39 44.4 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 5.401 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

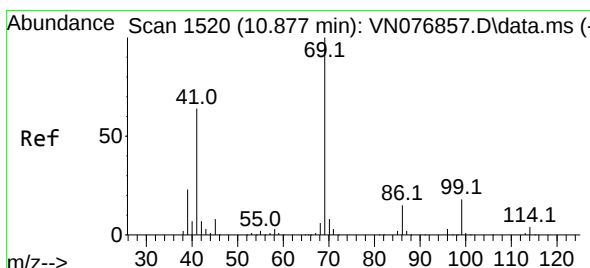
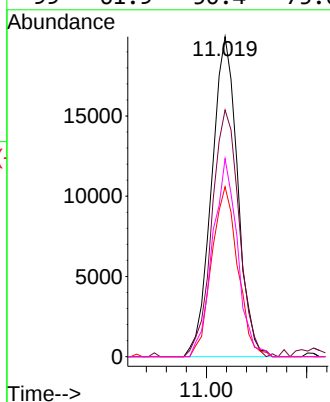
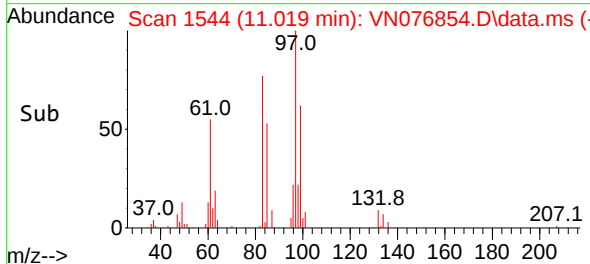
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	3586
Ion	Ratio	Lower	Upper
97	100		
83	77.1	67.1	100.7
85	53.1	41.8	62.8
99	61.9	50.4	75.6

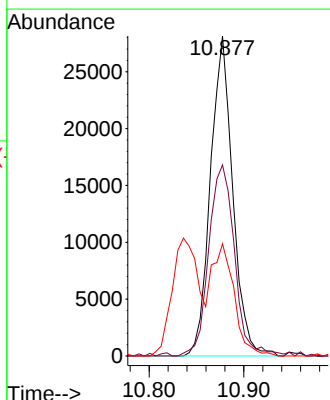
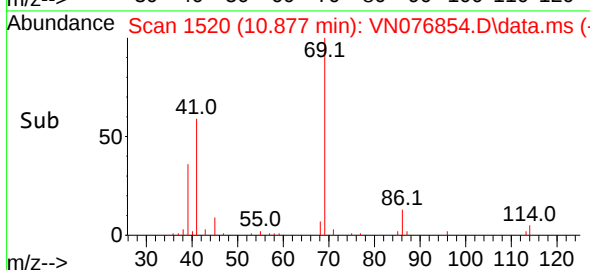
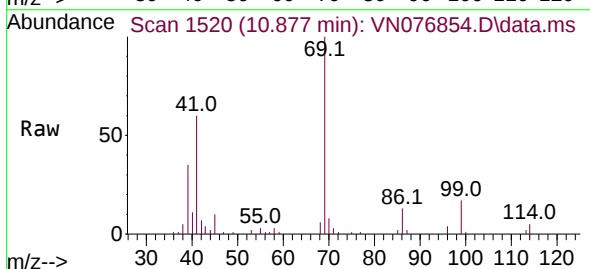
Manual Integrations
APPROVED

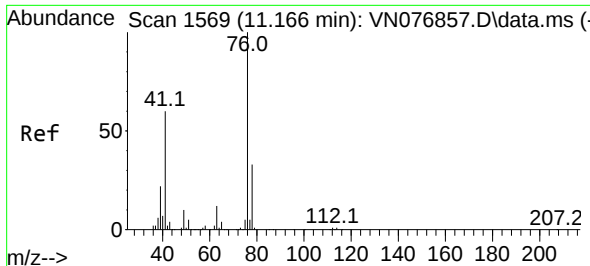
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#56
Ethyl methacrylate
Concen: 4.653 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:	69	Resp:	46031
Ion	Ratio	Lower	Upper
69	100		
41	68.9	38.0	57.0#
39	35.3	22.4	33.6#





#57

1,3-Dichloropropane

Concen: 5.148 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 59349

Ion Ratio Lower Upper

76 100

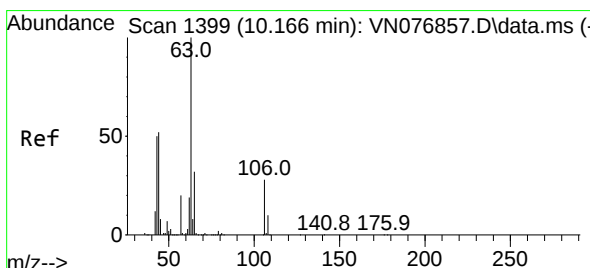
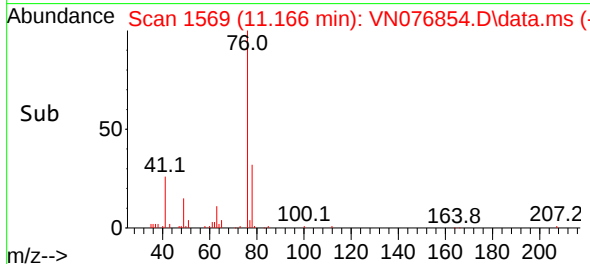
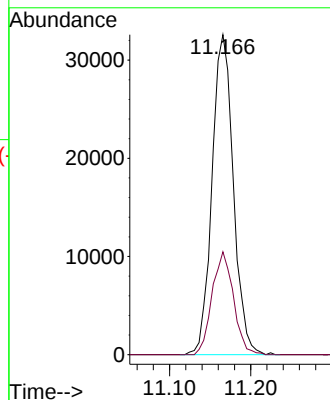
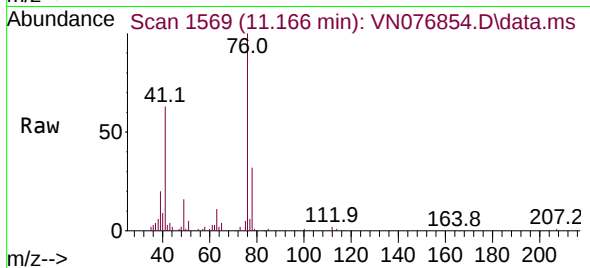
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 27.491 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN076854.D

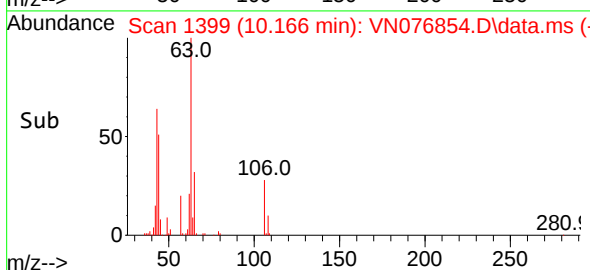
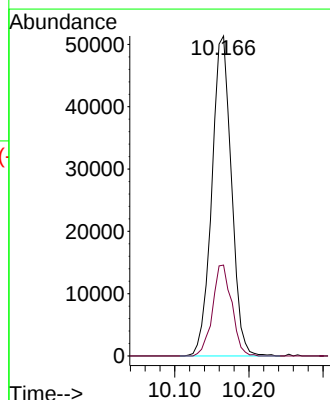
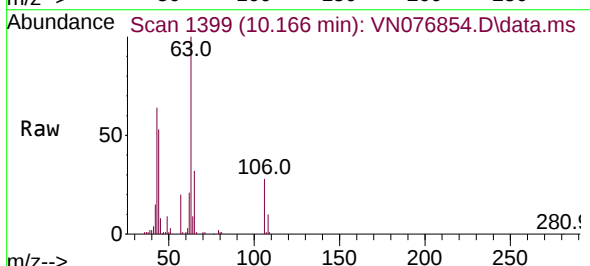
Acq: 06 Mar 2023 17:38

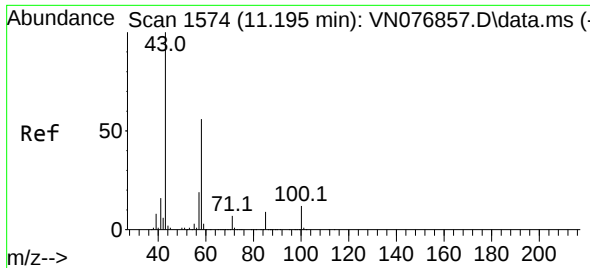
Tgt Ion: 63 Resp: 94236

Ion Ratio Lower Upper

63 100

106 27.8 25.6 38.4





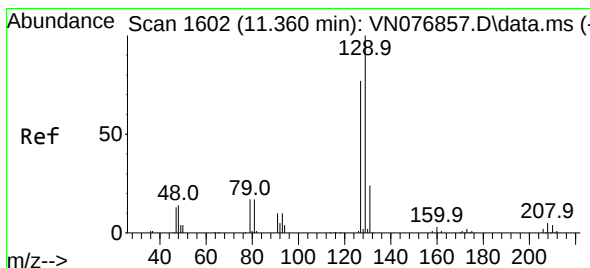
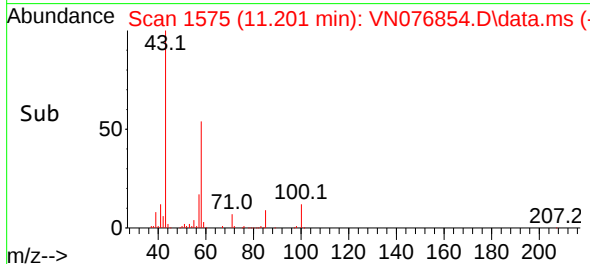
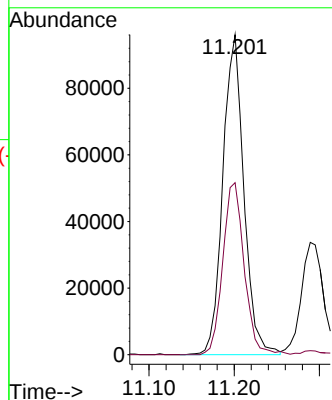
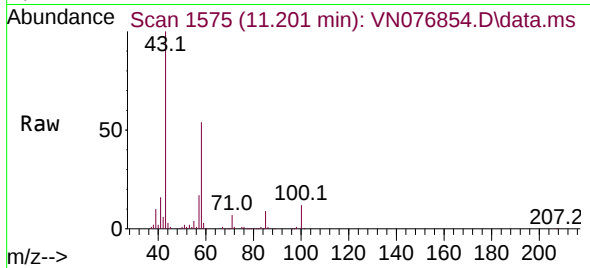
#59
2-Hexanone
Concen: 24.920 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 164710
Ion Ratio Lower Upper
43 100
58 54.8 32.6 98.0

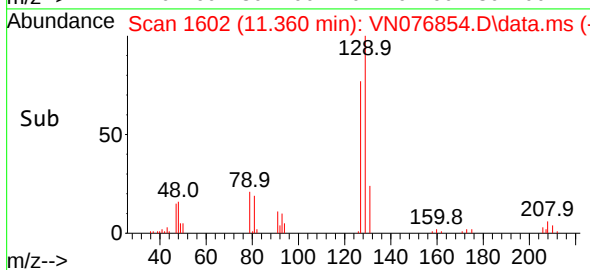
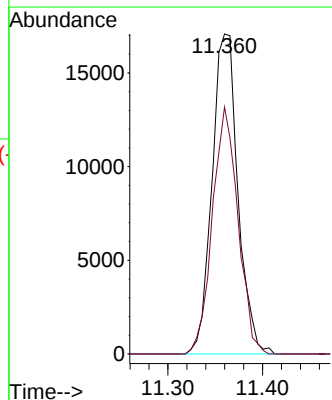
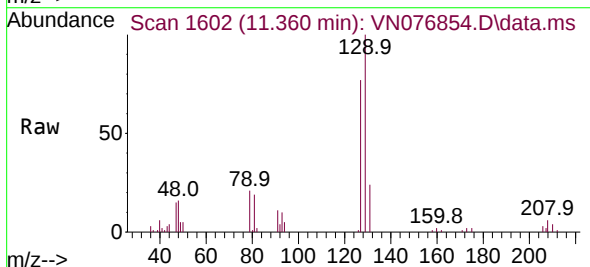
Manual Integrations
APPROVED

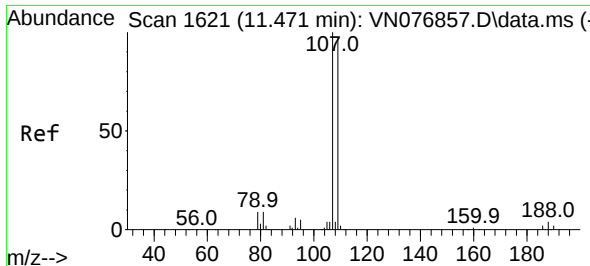
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#60
Dibromochloromethane
Concen: 4.967 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:129 Resp: 32499
Ion Ratio Lower Upper
129 100
127 76.1 39.6 118.8





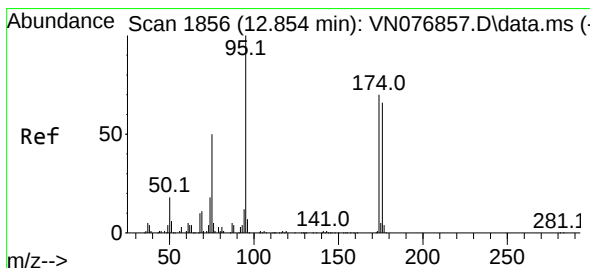
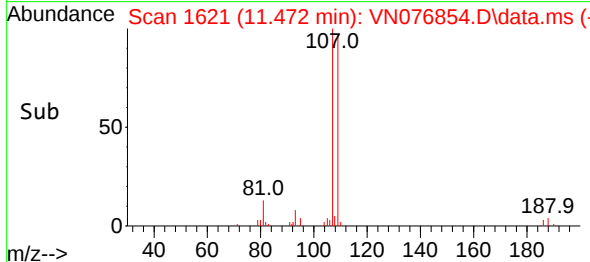
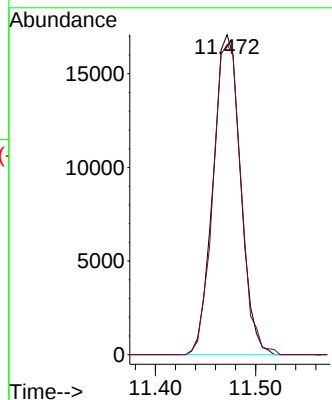
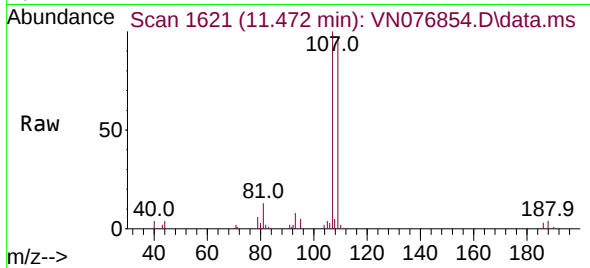
#61
1,2-Dibromoethane
Concen: 5.065 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 32328
Ion Ratio Lower Upper
107 100
109 99.2 75.9 113.9

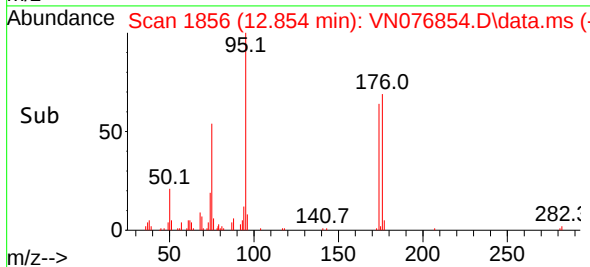
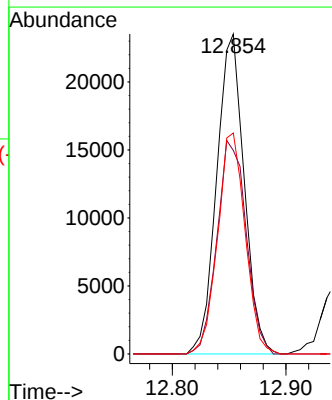
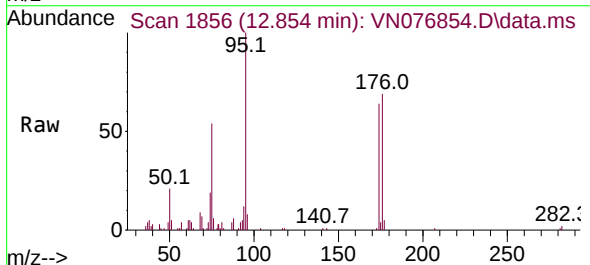
Manual Integrations
APPROVED

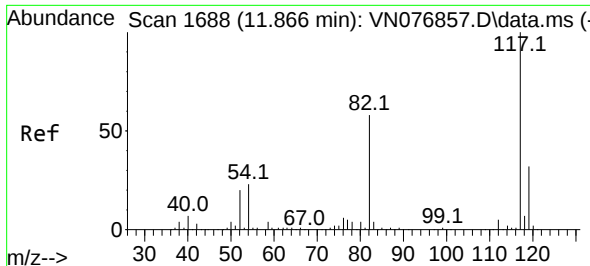
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#62
4-Bromofluorobenzene
Concen: 5.170 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

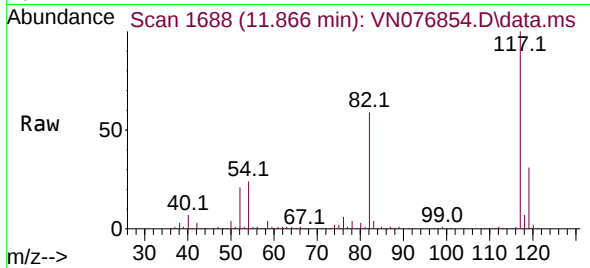
Tgt Ion: 95 Resp: 39518
Ion Ratio Lower Upper
95 100
174 71.1 0.0 162.4
176 69.2 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

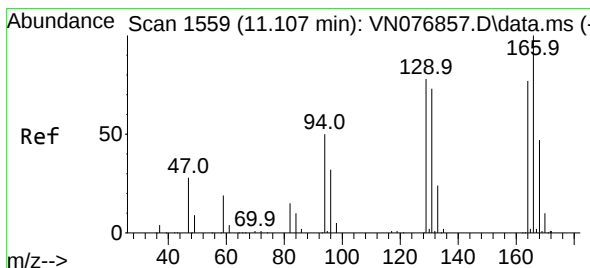
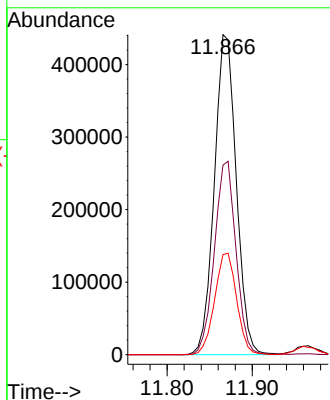
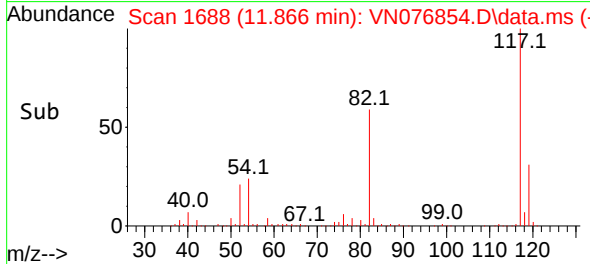
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



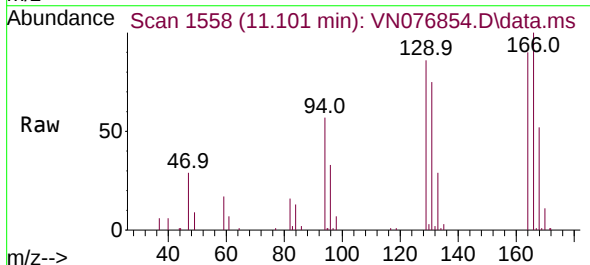
Tgt Ion:117 Resp: 790600
Ion Ratio Lower Upper
117 100
82 59.2 43.5 65.3
119 31.3 25.5 38.3

Manual Integrations
APPROVED

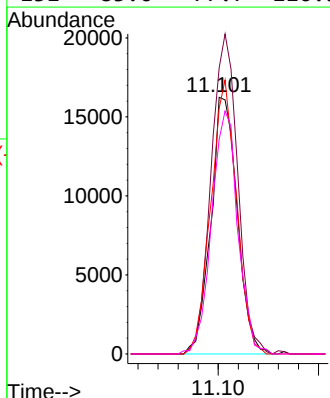
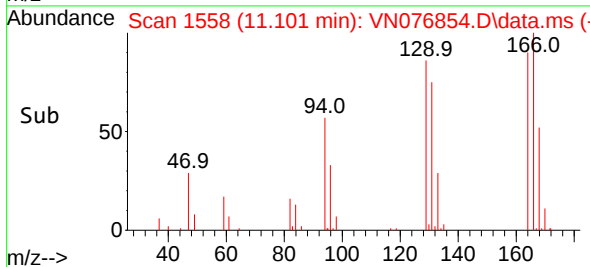
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

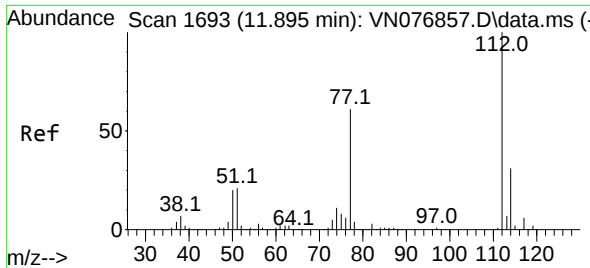


#64
Tetrachloroethene
Concen: 5.042 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



Tgt Ion:164 Resp: 29665
Ion Ratio Lower Upper
164 100
166 111.5 102.7 154.1
129 95.8 81.5 122.3
131 83.6 77.7 116.5





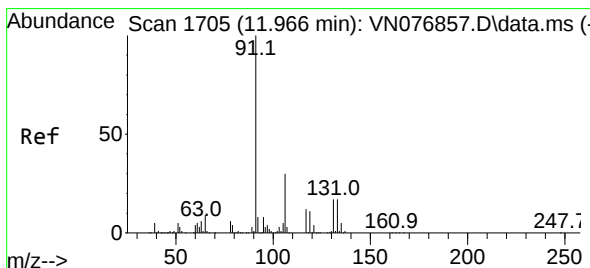
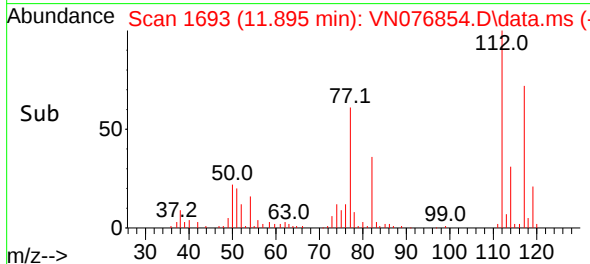
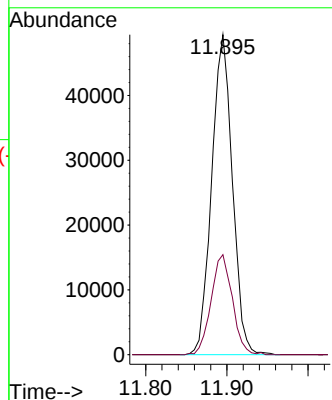
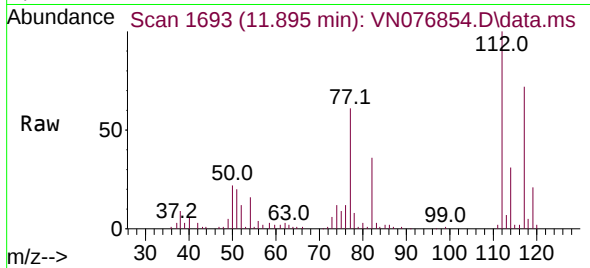
#65
Chlorobenzene
Concen: 5.123 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 87530
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

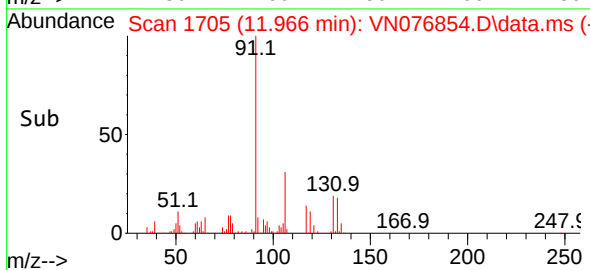
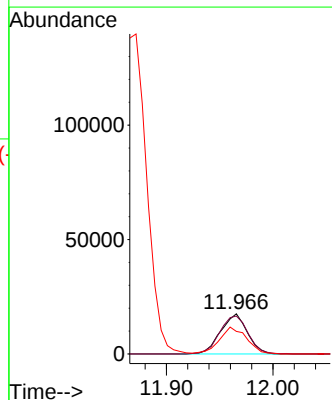
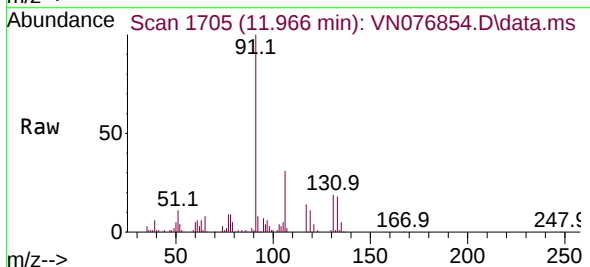
Manual Integrations
APPROVED

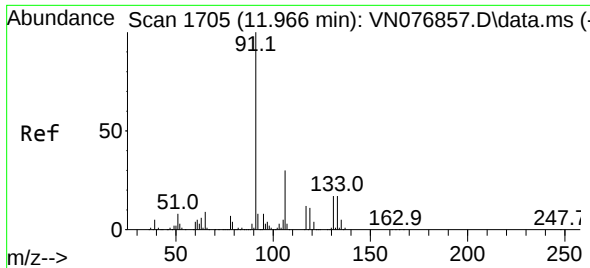
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.905 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

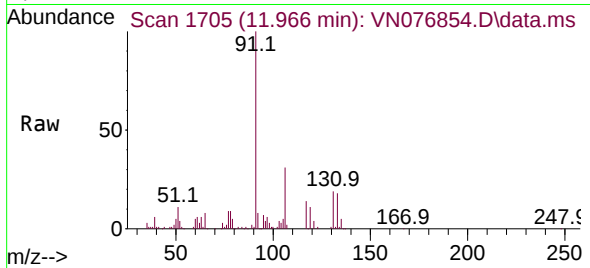
Tgt Ion:131 Resp: 30317
Ion Ratio Lower Upper
131 100
133 101.8 47.9 143.8
119 68.9 33.1 99.2





#67
Ethyl Benzene
Concen: 5.061 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

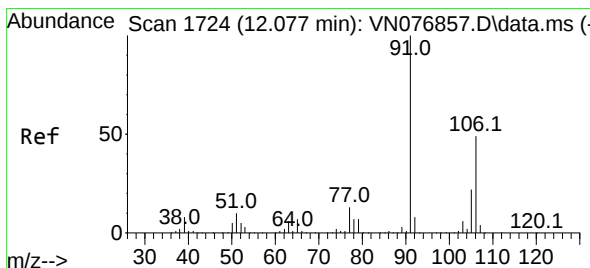
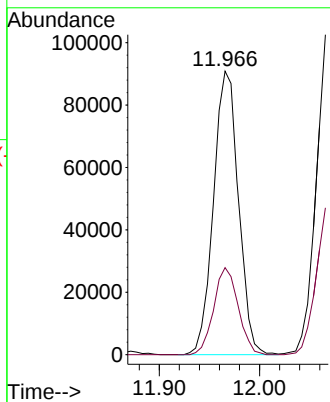
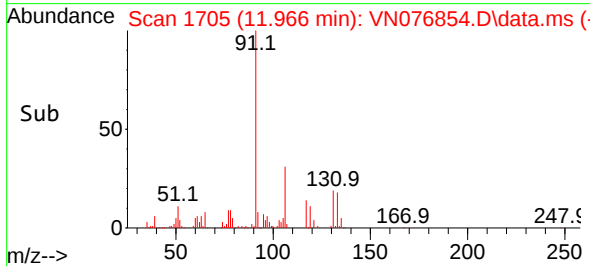
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



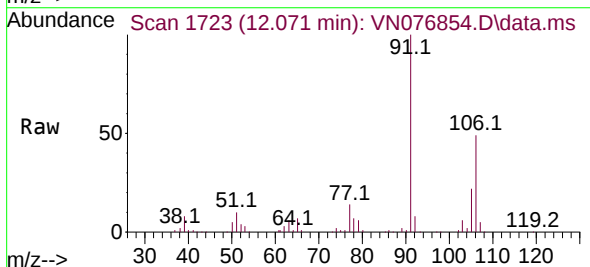
Tgt Ion: 91 Resp: 157010
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

Manual Integrations
APPROVED

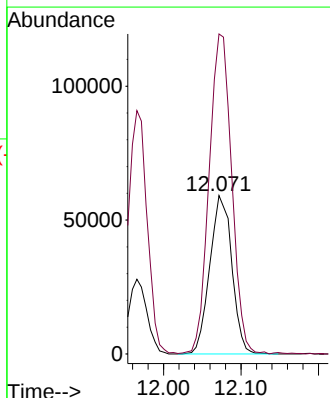
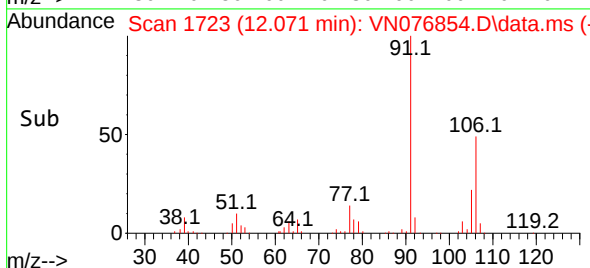
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

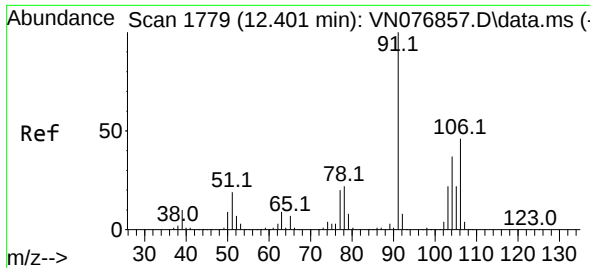


#68
m/p-Xylenes
Concen: 10.032 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



Tgt Ion:106 Resp: 117095
Ion Ratio Lower Upper
106 100
91 206.8 158.0 237.0





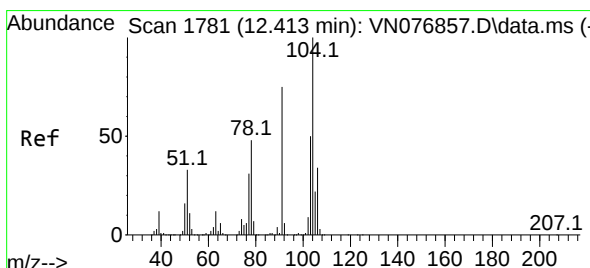
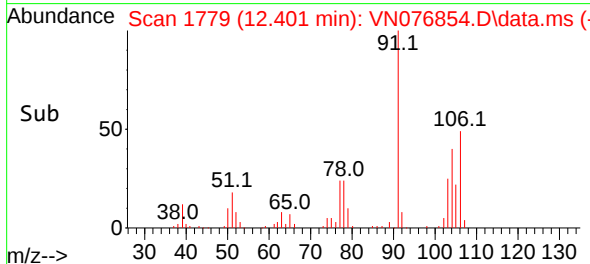
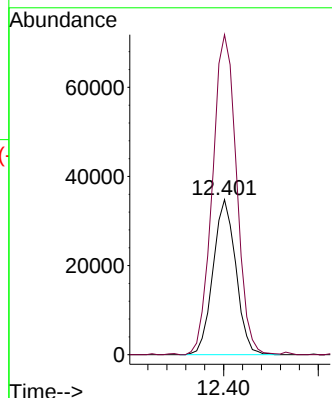
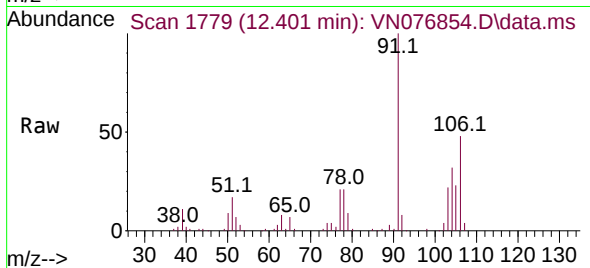
#69
o-Xylene
Concen: 5.061 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 58169
Ion Ratio Lower Upper
106 100
91 218.3 101.8 305.4

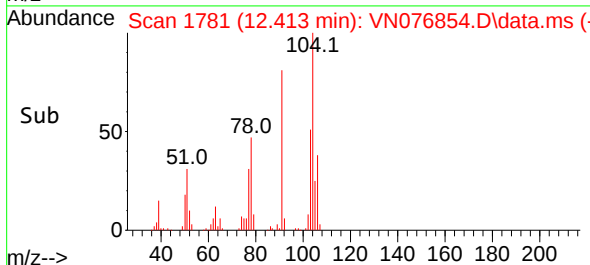
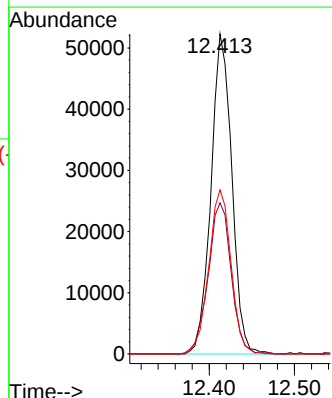
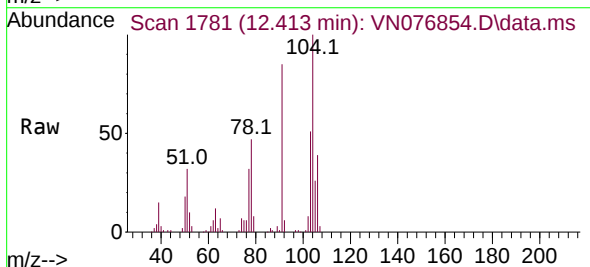
Manual Integrations
APPROVED

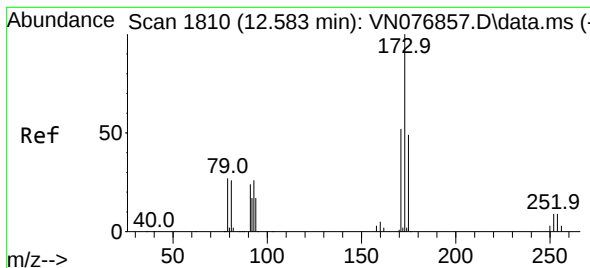
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#70
Styrene
Concen: 4.927 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:104 Resp: 88791
Ion Ratio Lower Upper
104 100
78 52.0 36.6 55.0
103 54.8 43.4 65.0





#71

Bromoform

Concen: 4.714 ug/l

RT: 12.577 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 19830

Ion Ratio Lower Upper

173 100

175 51.2 24.9 74.6

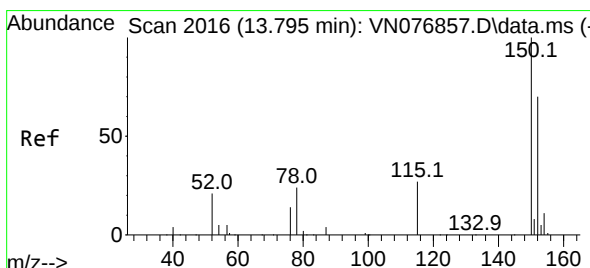
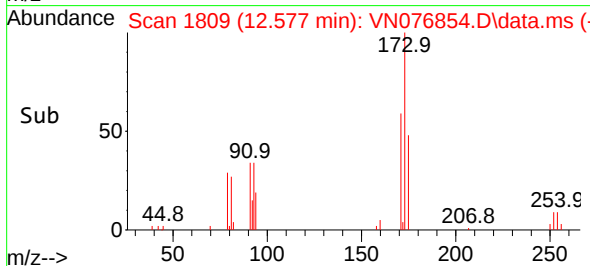
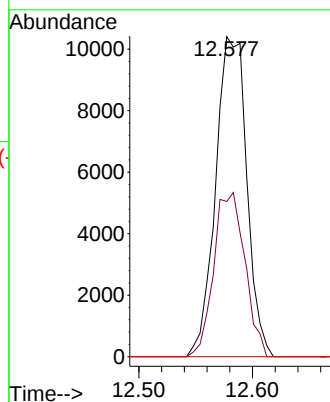
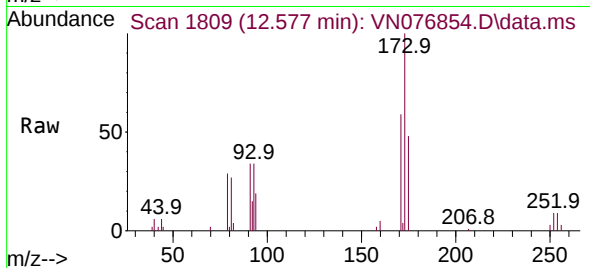
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

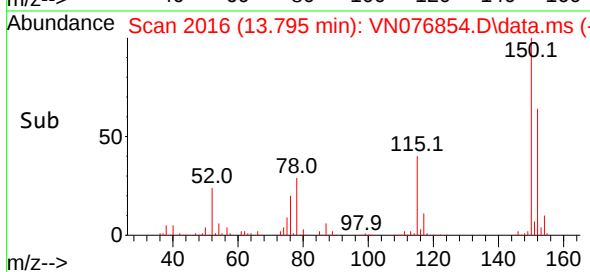
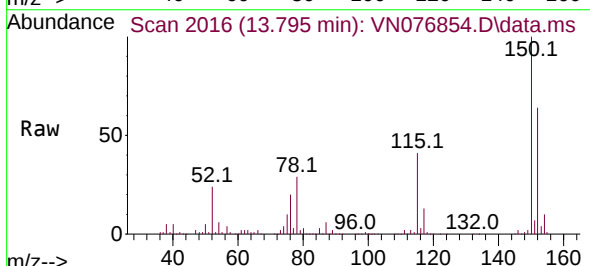
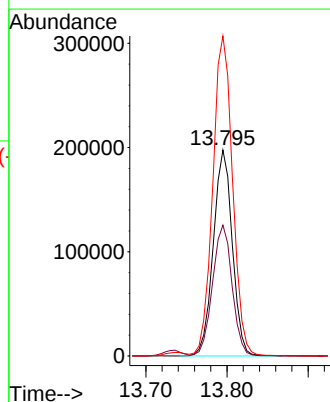
Tgt Ion:152 Resp: 321273

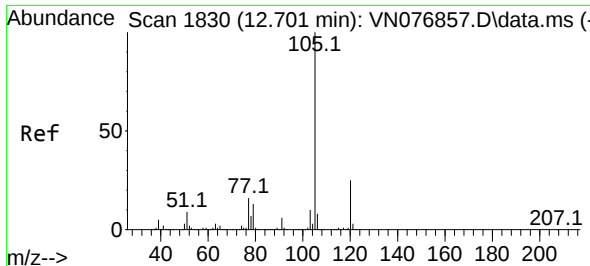
Ion Ratio Lower Upper

152 100

115 65.0 30.3 90.9

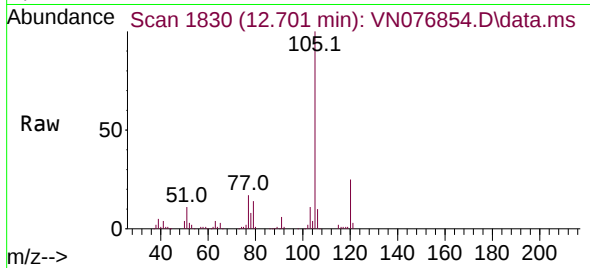
150 161.9 0.0 353.6





#73
Isopropylbenzene
Concen: 5.196 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

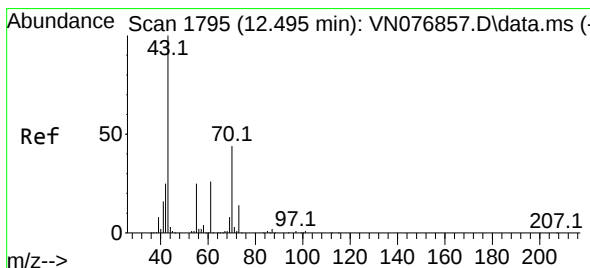
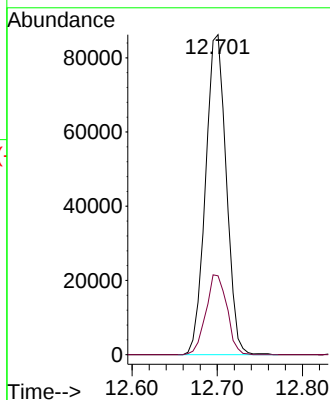
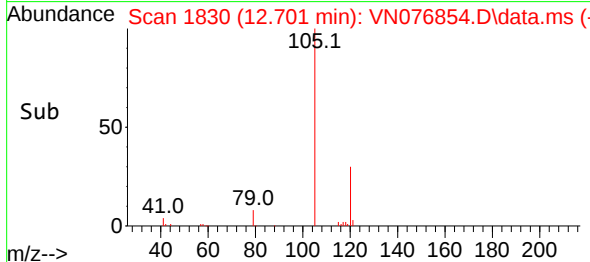
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



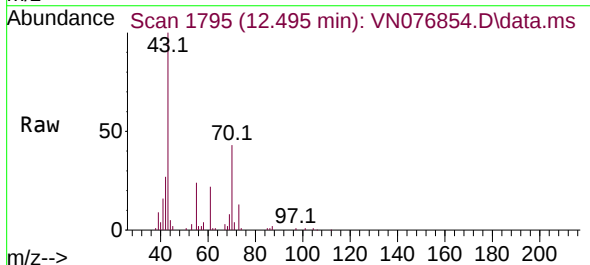
Tgt Ion:105 Resp: 145502
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.4

Manual Integrations
APPROVED

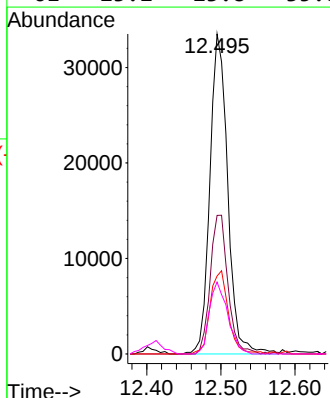
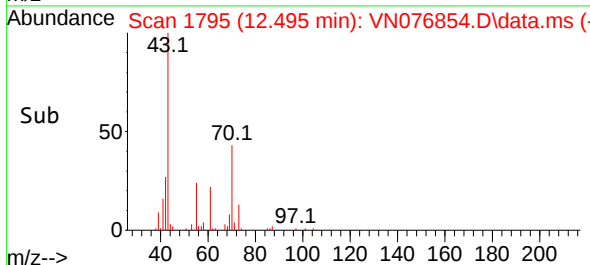
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

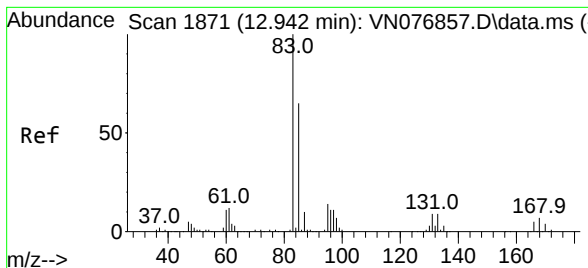


#74
N-ethyl acetate
Concen: 5.108 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



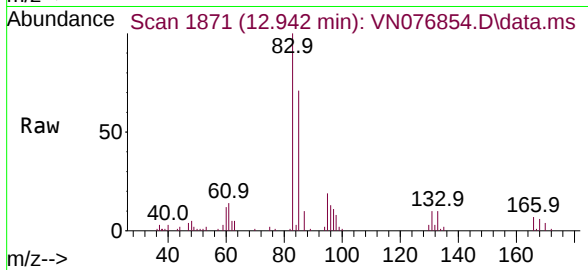
Tgt Ion: 43 Resp: 55942
Ion Ratio Lower Upper
43 100
70 43.0 46.8 70.2#
55 26.7 23.4 35.2
61 23.2 23.8 35.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 5.397 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

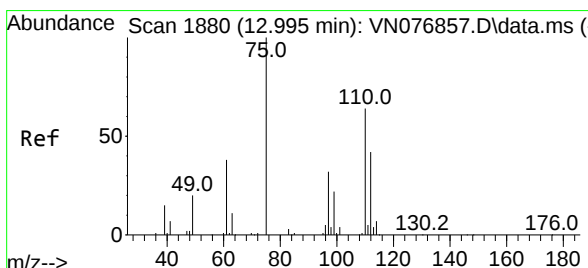
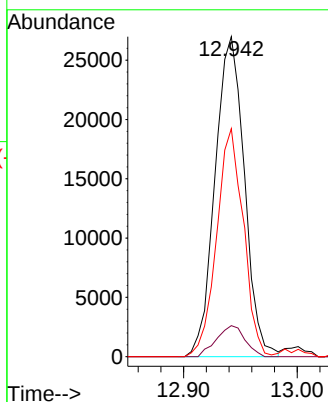
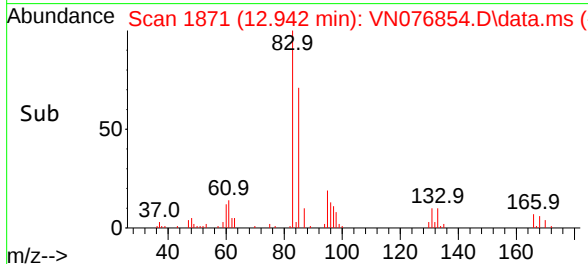
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



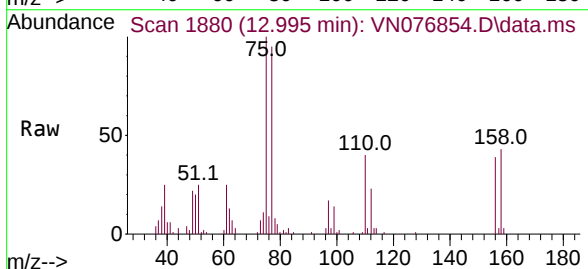
Tgt Ion: 83 Resp: 4843
Ion Ratio Lower Upper
83 100
131 9.4 5.3 16.1
85 65.0 32.0 96.0

Manual Integrations
APPROVED

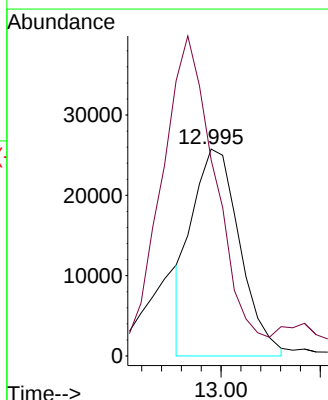
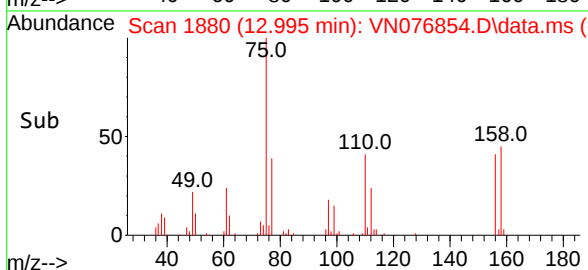
Reviewed By :John Carbone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

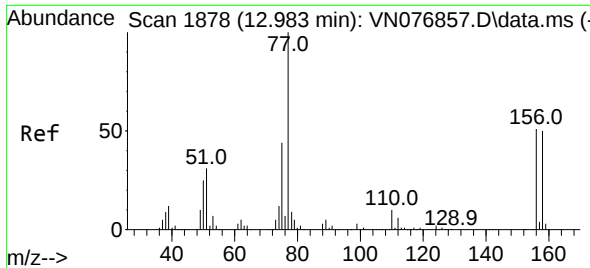


#76
1,2,3-Trichloropropane
Concen: 5.353 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38



Tgt Ion: 75 Resp: 43313
Ion Ratio Lower Upper
75 100
77 178.6 93.8 281.4





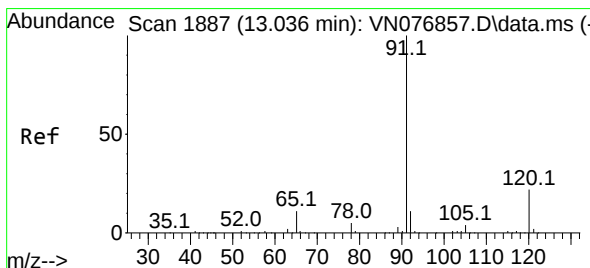
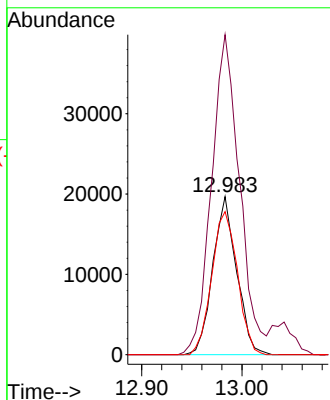
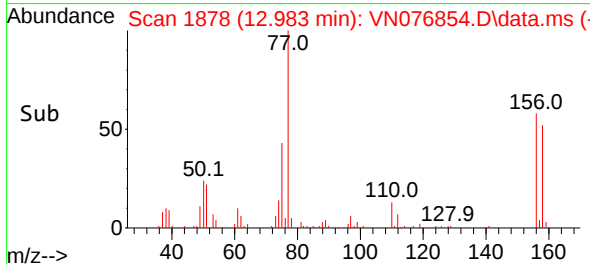
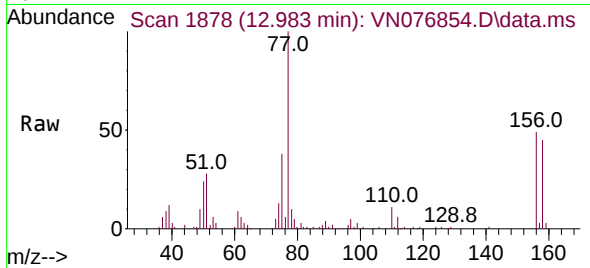
#77
Bromobenzene
Concen: 5.250 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 3253
Ion Ratio Lower Upper
156 100
77 237.8 101.3 303.7
158 97.6 48.9 146.7

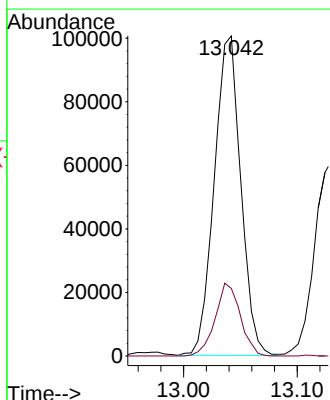
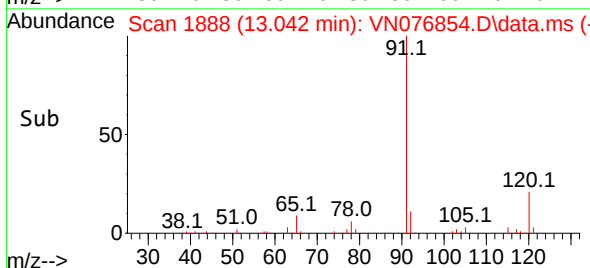
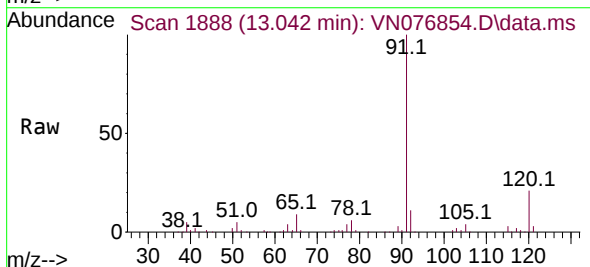
Manual Integrations
APPROVED

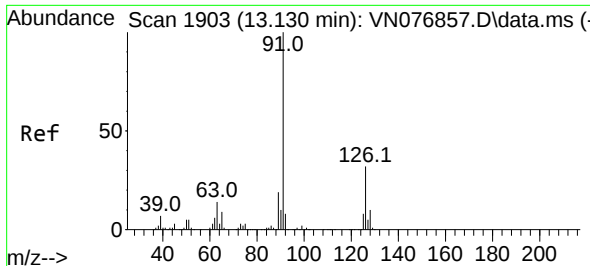
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#78
n-propylbenzene
Concen: 5.107 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 91 Resp: 163093
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.7





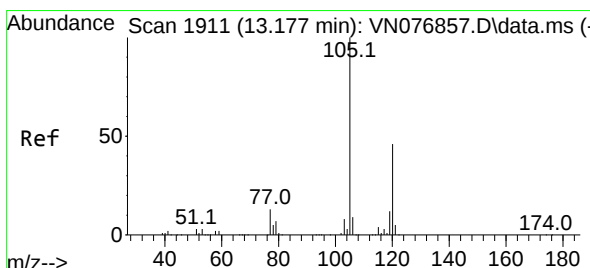
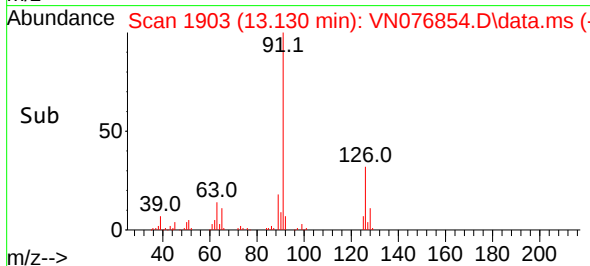
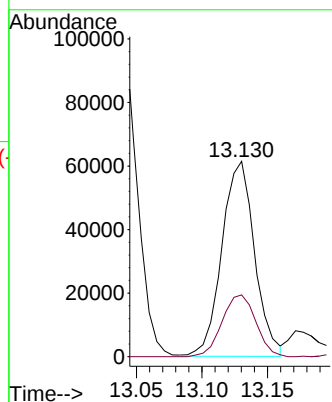
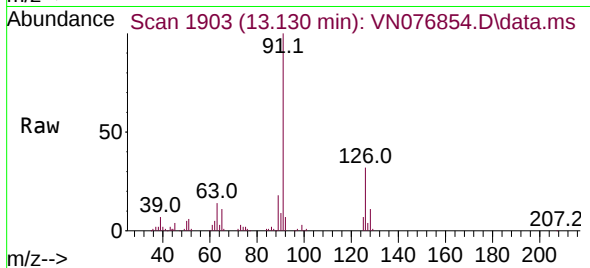
#79
2-Chlorotoluene
Concen: 5.202 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 10656
Ion Ratio Lower Upper
91 100
126 32.6 17.7 53.1

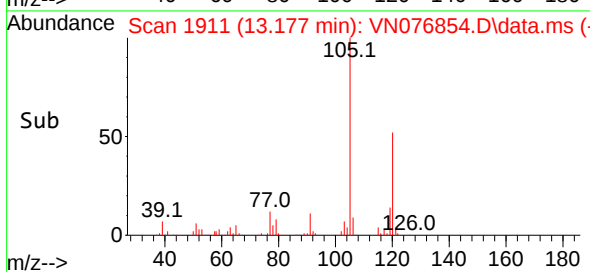
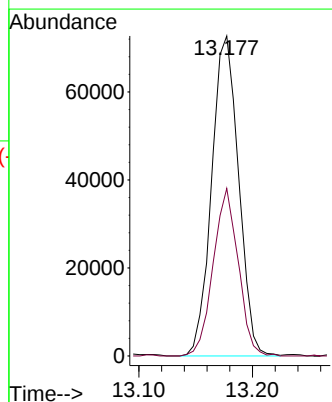
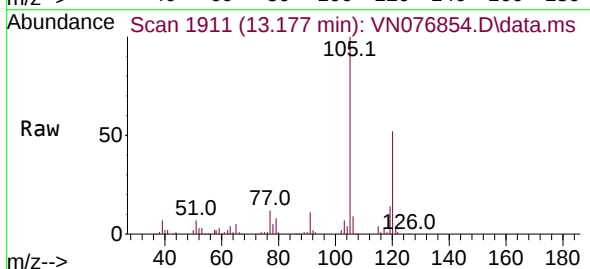
Manual Integrations
APPROVED

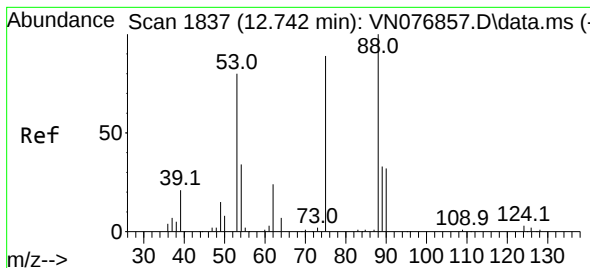
Reviewed By :John Carbone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.107 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:105 Resp: 119877
Ion Ratio Lower Upper
105 100
120 48.6 25.2 75.6





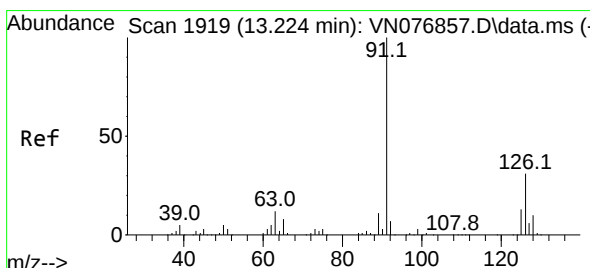
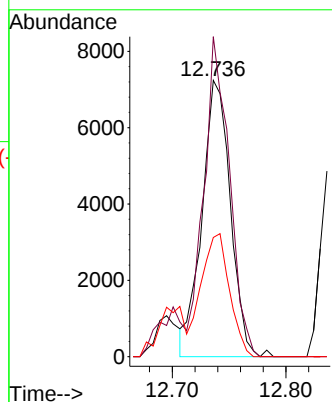
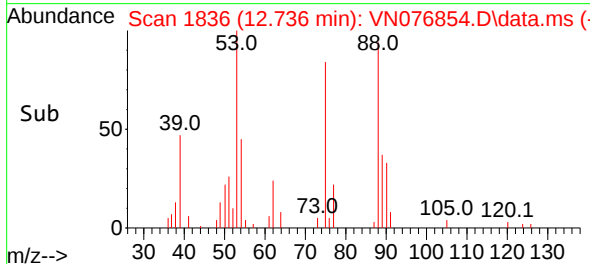
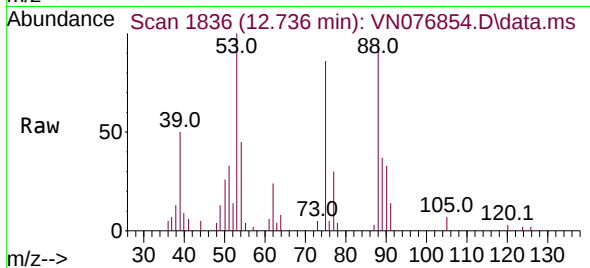
#81
trans-1,4-Dichloro-2-butene
Concen: 5.116 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1256
Ion Ratio Lower Upper
75 100
53 104.1 67.4 101.0
89 44.4 39.5 59.3

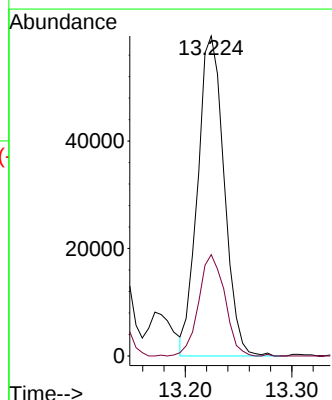
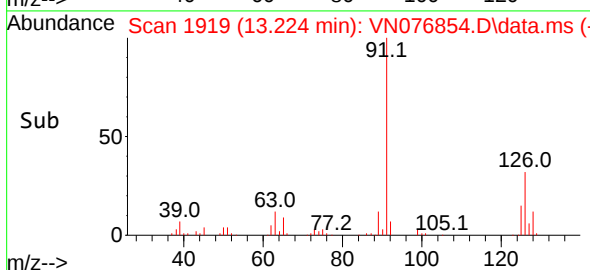
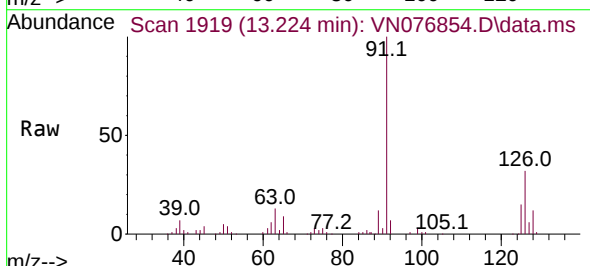
Manual Integrations
APPROVED

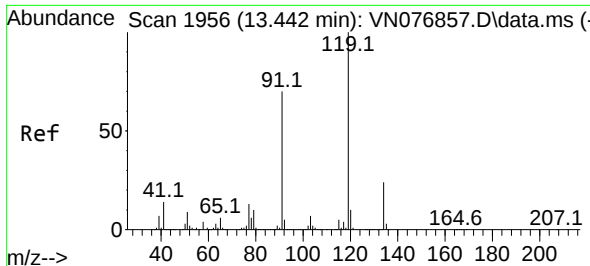
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#82
4-Chlorotoluene
Concen: 5.290 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

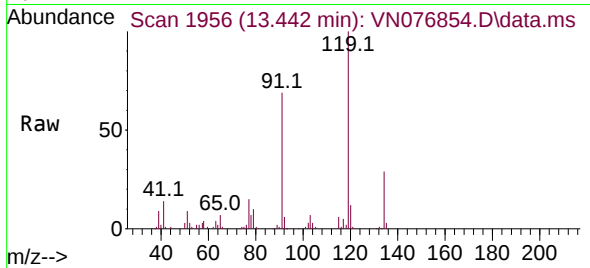
Tgt Ion: 91 Resp: 102738
Ion Ratio Lower Upper
91 100
126 31.2 18.0 54.0





#83
tert-Butylbenzene
Concen: 5.479 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

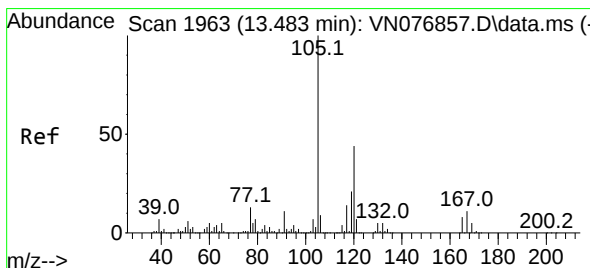
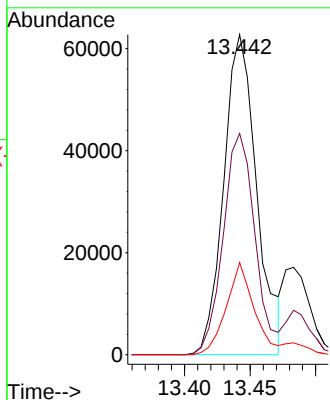
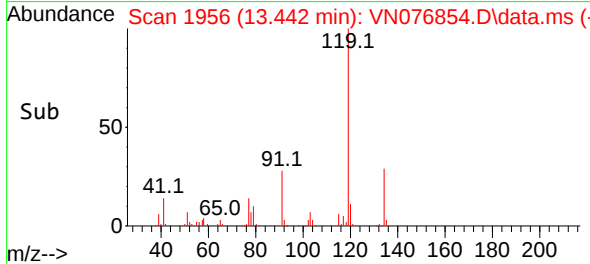
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:119 Resp: 10988
Ion Ratio Lower Upper
119 100
91 66.7 31.9 95.5
134 24.3 13.8 41.4

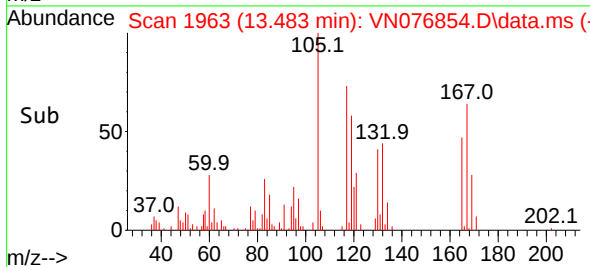
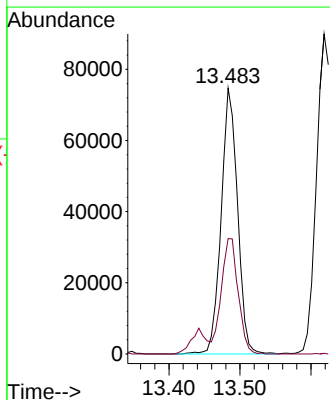
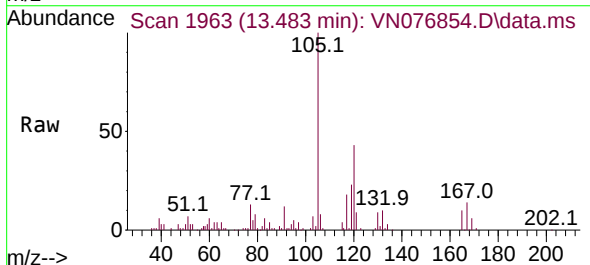
Manual Integrations
APPROVED

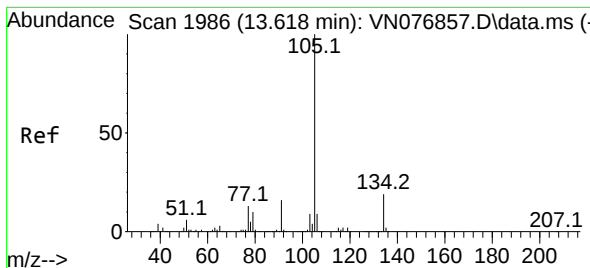
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 5.150 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

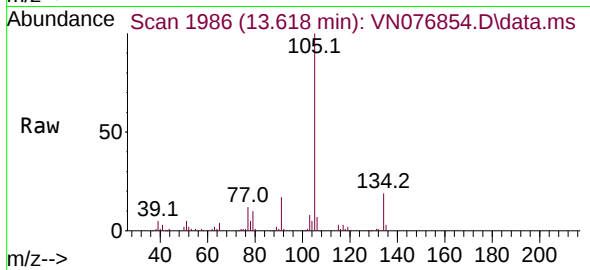
Tgt Ion:105 Resp: 119228
Ion Ratio Lower Upper
105 100
120 44.5 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 5.209 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076854.D
 Acq: 06 Mar 2023 17:38

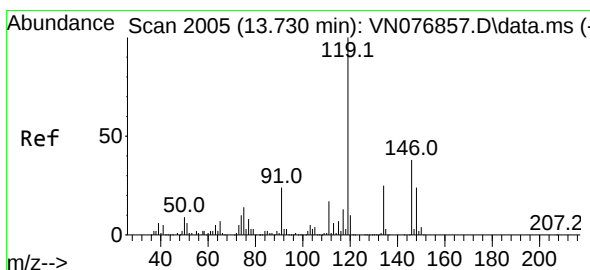
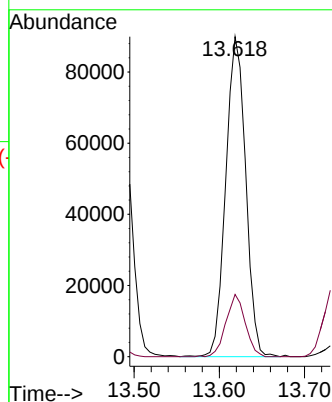
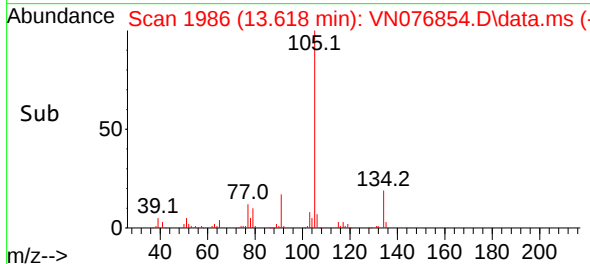
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



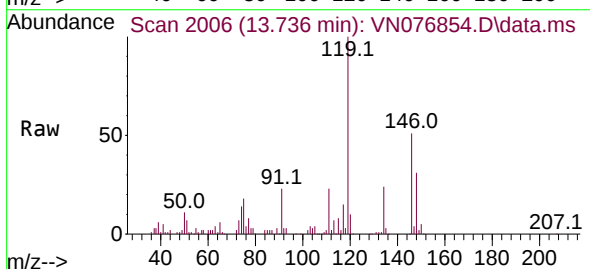
Tgt Ion:105 Resp: 145878
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.2

Manual Integrations
 APPROVED

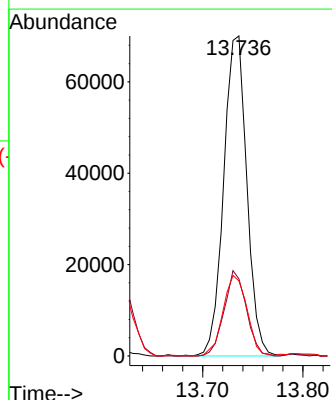
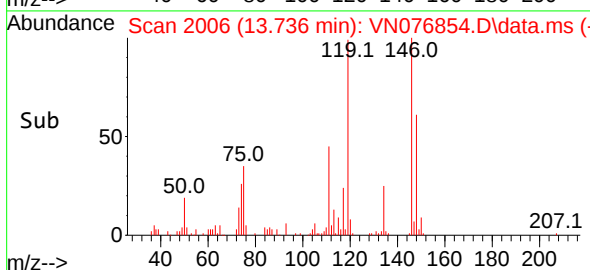
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

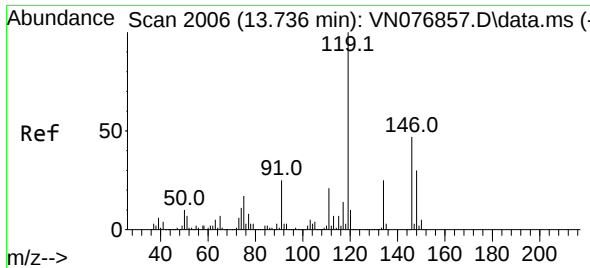


#86
 p-Isopropyltoluene
 Concen: 5.015 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076854.D
 Acq: 06 Mar 2023 17:38



Tgt Ion:119 Resp: 112336
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.5 40.5
 91 26.1 11.2 33.6





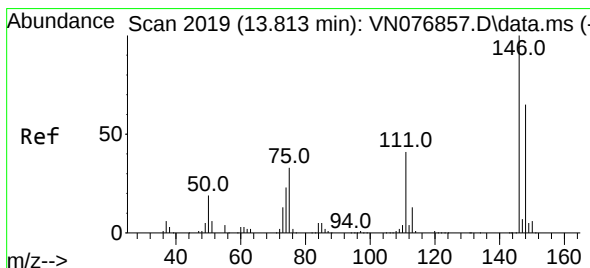
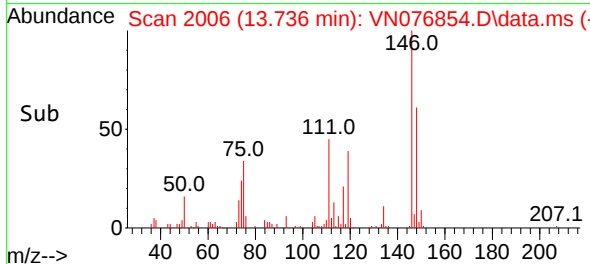
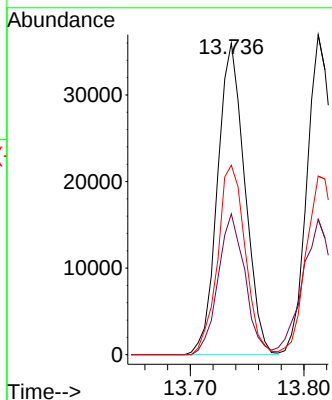
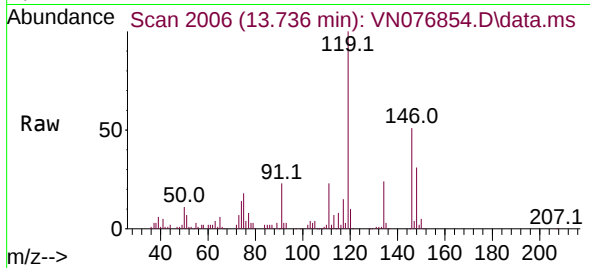
#87
1,3-Dichlorobenzene
Concen: 5.312 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 6010
Ion Ratio Lower Upper
146 100
111 44.5 20.4 61.2
148 61.7 31.5 94.5

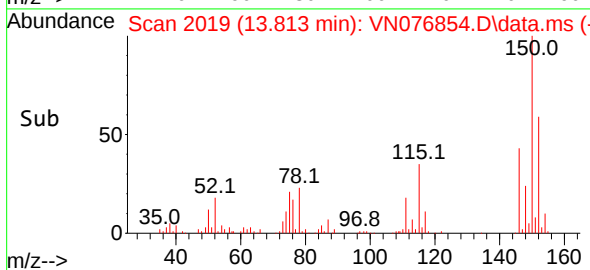
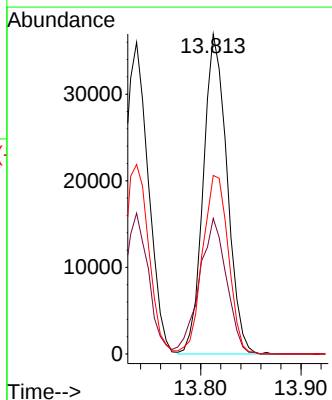
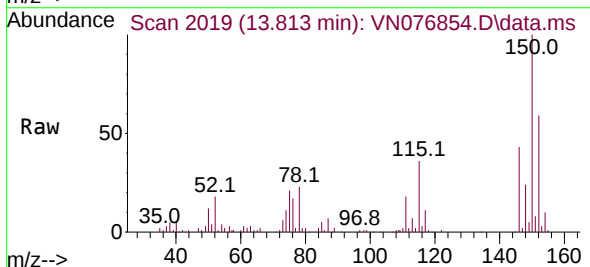
Manual Integrations
APPROVED

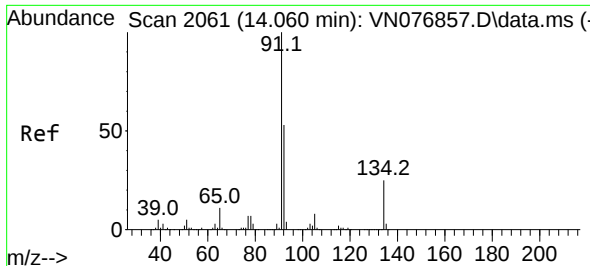
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#88
1,4-Dichlorobenzene
Concen: 5.306 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:146 Resp: 60959
Ion Ratio Lower Upper
146 100
111 48.4 20.0 60.0
148 60.5 31.8 95.4





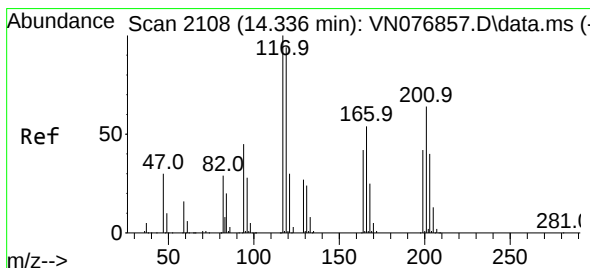
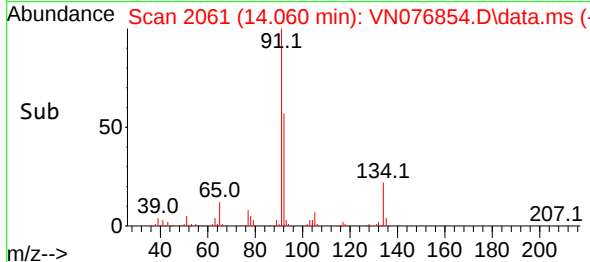
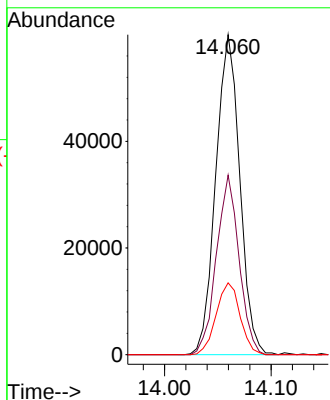
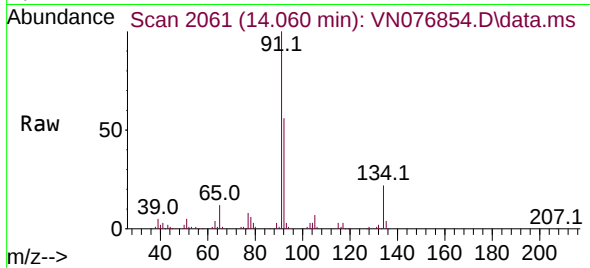
#89
n-Butylbenzene
Concen: 4.853 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 93914
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.7
134 22.3 13.6 40.7

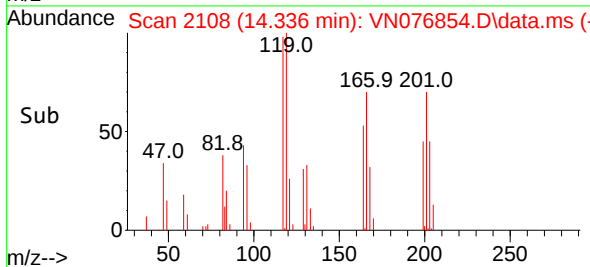
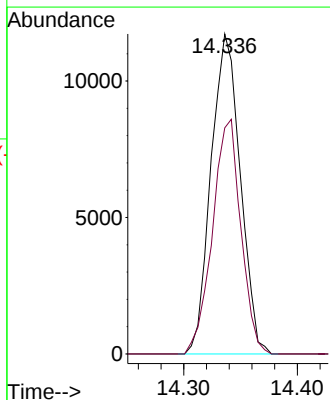
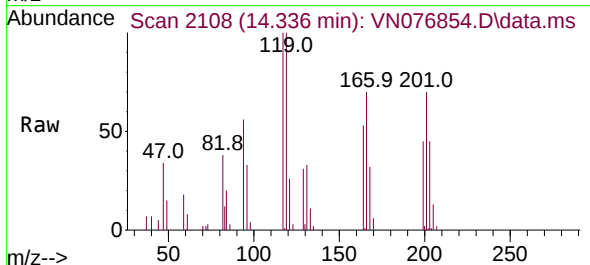
Manual Integrations
APPROVED

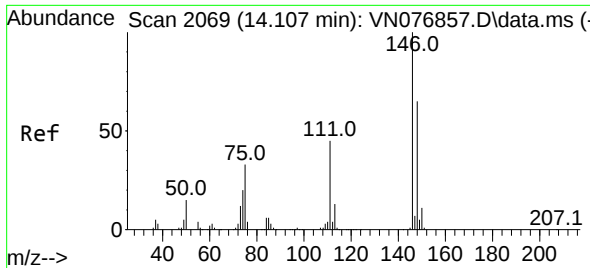
Reviewed By :John Carbone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#90
Hexachloroethane
Concen: 5.177 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion:117 Resp: 20950
Ion Ratio Lower Upper
117 100
201 71.2 31.9 95.7





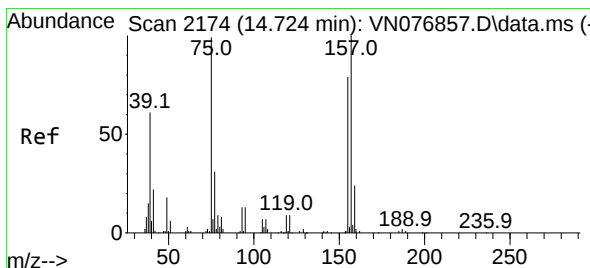
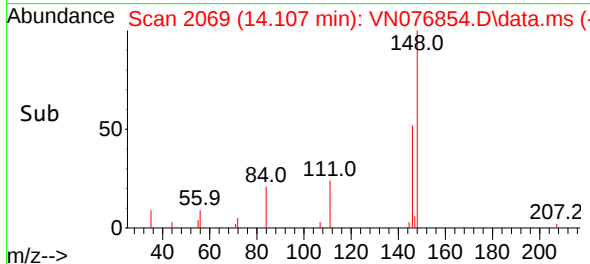
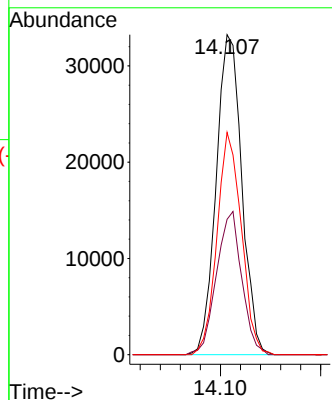
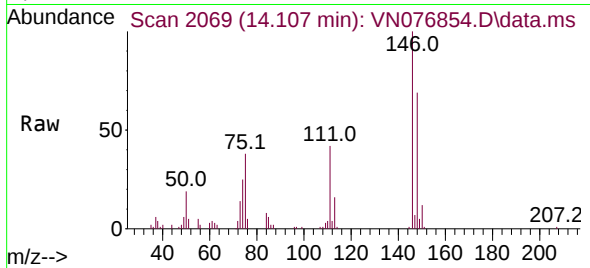
#91
1,2-Dichlorobenzene
Concen: 5.140 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5891
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.2
148 66.0 32.0 96.0

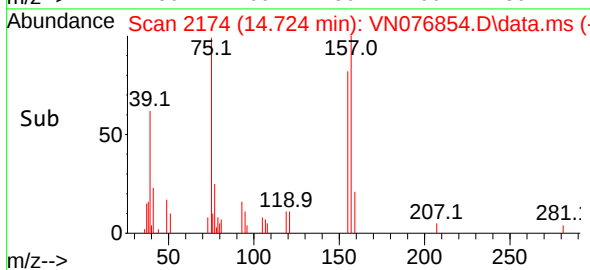
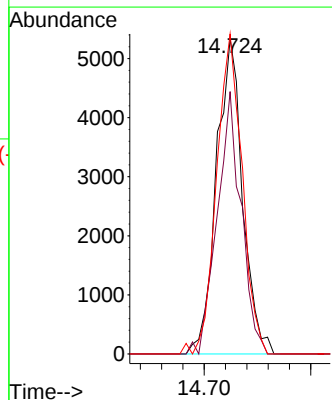
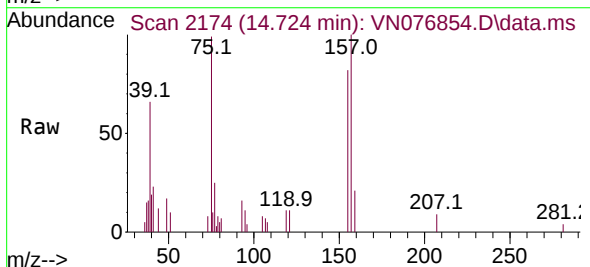
Manual Integrations
APPROVED

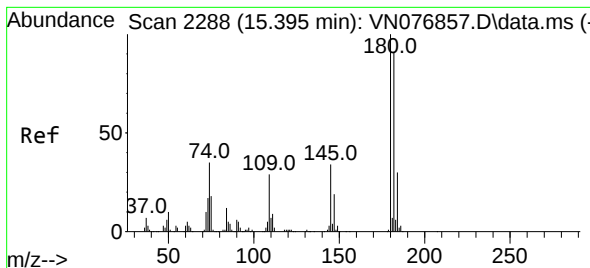
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.352 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076854.D
Acq: 06 Mar 2023 17:38

Tgt Ion: 75 Resp: 9102
Ion Ratio Lower Upper
75 100
155 76.0 44.3 132.8
157 98.8 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 4.677 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 26820

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.2

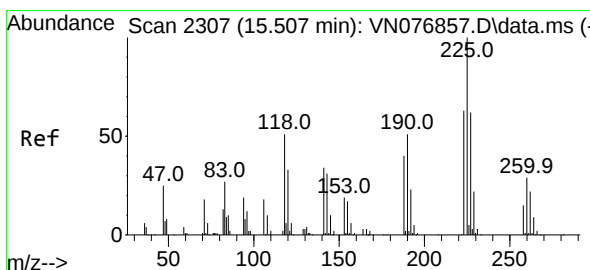
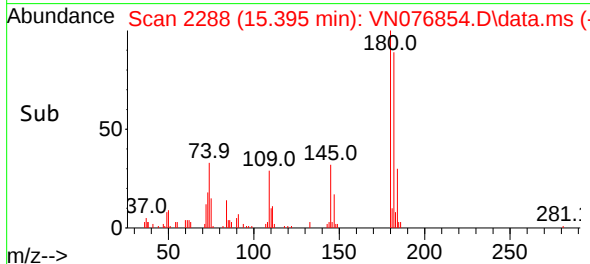
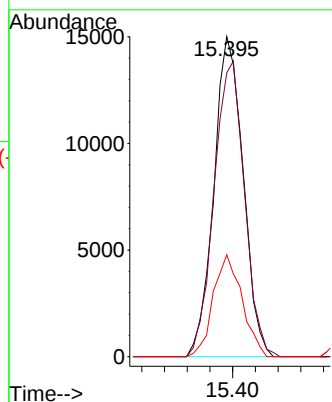
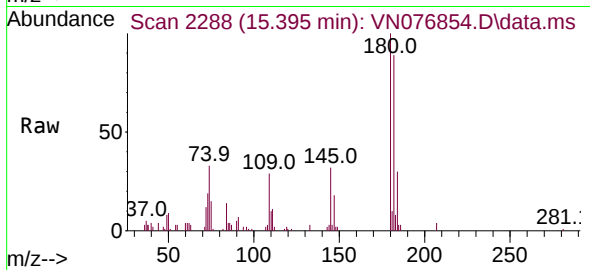
145 31.4 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#94

Hexachlorobutadiene

Concen: 5.124 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

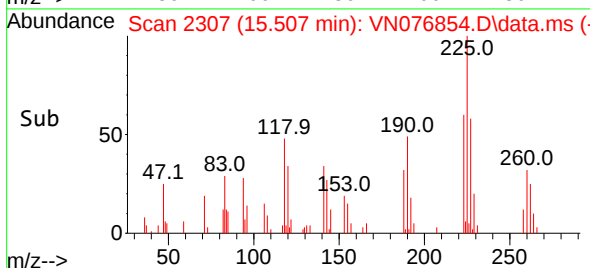
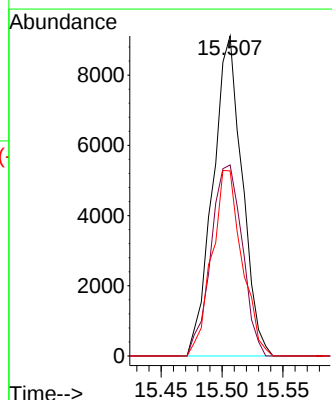
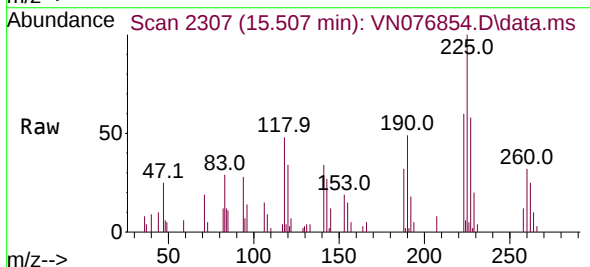
Tgt Ion:225 Resp: 15299

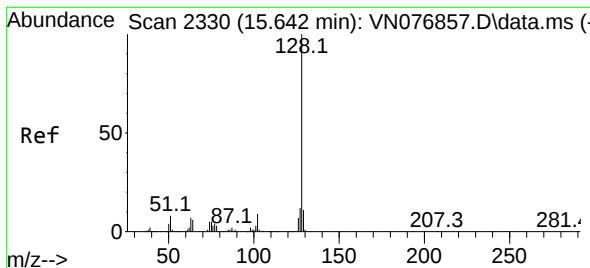
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.0

227 59.3 30.9 92.7





#95

Naphthalene

Concen: 4.282 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

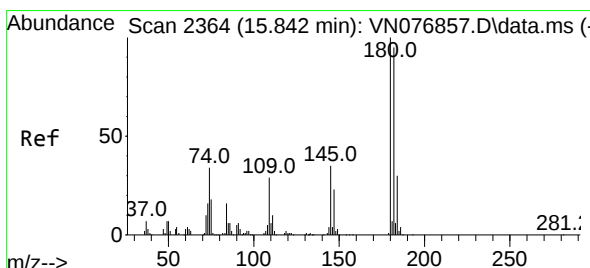
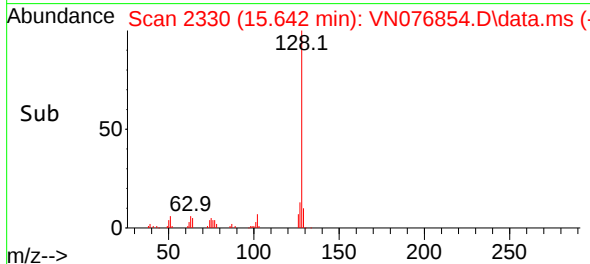
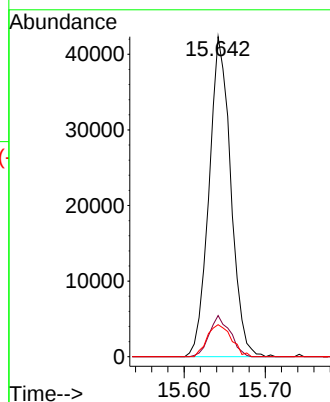
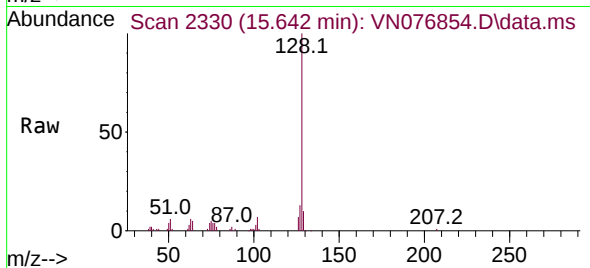
Tgt Ion:	128	Resp:	78650
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.586 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076854.D

Acq: 06 Mar 2023 17:38

Tgt Ion:	180	Resp:	25845
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.7	143.1
145	37.7	17.0	51.0

