

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077514.D
 Acq On : 08 Nov 2023 09:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 09 01:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	213371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	386373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348515	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	162410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	153906	51.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.811	113	137013	51.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.269	98	551201	53.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.575	95	173352	49.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	69517	40.406	ug/l	97
3) Chloromethane	2.152	50	141358	51.751	ug/l	100
4) Vinyl Chloride	2.287	62	162665	61.070	ug/l	96
5) Bromomethane	2.699	94	94610	67.784	ug/l	97
6) Chloroethane	2.840	64	116810	65.136	ug/l	98
7) Trichlorofluoromethane	3.181	101	175407	47.025	ug/l	98
8) Diethyl Ether	3.599	74	62988	46.977	ug/l	# 56
9) 1,1,2-Trichlorotrifluo...	3.970	101	105965	47.057	ug/l	93
10) Methyl Iodide	4.170	142	123892	43.970	ug/l	91
11) Tert butyl alcohol	5.058	59	46112	192.937	ug/l	99
12) 1,1-Dichloroethene	3.946	96	101380	47.555	ug/l	# 65
13) Acrolein	3.805	56	63322	200.914	ug/l	96
14) Allyl chloride	4.569	41	230661	44.850	ug/l	# 85
15) Acrylonitrile	5.258	53	168113	231.937	ug/l	96
16) Acetone	4.022	43	198543	248.682	ug/l	# 77
17) Carbon Disulfide	4.281	76	293527	45.040	ug/l	# 94
18) Methyl Acetate	4.564	43	140509	48.248	ug/l	# 77
19) Methyl tert-butyl Ether	5.317	73	304006	45.430	ug/l	92
20) Methylene Chloride	4.811	84	136429	45.224	ug/l	# 71
21) trans-1,2-Dichloroethene	5.322	96	119047	47.948	ug/l	# 78
22) Diisopropyl ether	6.222	45	500448	45.785	ug/l	# 90
23) Vinyl Acetate	6.158	43	1216798	258.038	ug/l	# 84
24) 1,1-Dichloroethane	6.116	63	264032	46.553	ug/l	95
25) 2-Butanone	7.081	43	243299	228.468	ug/l	# 76
26) 2,2-Dichloropropane	7.075	77	221937	44.156	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	147833	48.061	ug/l	75
28) Bromochloromethane	7.428	49	118823	46.371	ug/l	# 57
29) Tetrahydrofuran	7.446	42	140445	222.368	ug/l	# 71
30) Chloroform	7.599	83	248432	46.913	ug/l	95
31) Cyclohexane	7.881	56	213849	45.340	ug/l	# 78
32) 1,1,1-Trichloroethane	7.793	97	202431	46.396	ug/l	96
36) 1,1-Dichloropropene	8.011	75	186446	47.090	ug/l	92
37) Ethyl Acetate	7.169	43	96870	42.632	ug/l	# 89
38) Carbon Tetrachloride	7.993	117	173151	46.408	ug/l	97
39) Methylcyclohexane	9.275	83	210195	46.528	ug/l	# 83
40) Benzene	8.252	78	543790	48.165	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	63423	43.622	ug/l #	72
42) 1,2-Dichloroethane	8.328	62	157444	44.029	ug/l	91
43) Isopropyl Acetate	8.363	43	196958	42.004	ug/l #	82
44) Trichloroethene	9.028	130	127221	46.001	ug/l	91
45) 1,2-Dichloropropane	9.305	63	153484	46.176	ug/l	100
46) Dibromomethane	9.399	93	69954	43.732	ug/l	90
47) Bromodichloromethane	9.587	83	190939	45.161	ug/l	100
48) Methyl methacrylate	9.381	41	95114	42.494	ug/l #	65
49) 1,4-Dioxane	9.393	88	14206	826.489	ug/l #	61
51) 4-Methyl-2-Pentanone	10.163	43	493529	213.832	ug/l #	82
52) Toluene	10.334	92	327378	47.565	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	200433	44.770	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	233170	45.258	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	96210	45.081	ug/l	92
56) Ethyl methacrylate	10.599	69	139100	43.837	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	182749	45.813	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	423173	266.388	ug/l #	85
59) 2-Hexanone	10.922	43	375597	220.907	ug/l	79
60) Dibromochloromethane	11.075	129	115561	45.031	ug/l	97
61) 1,2-Dibromoethane	11.181	107	88452	43.766	ug/l	100
64) Tetrachloroethene	10.810	164	98560	44.419	ug/l	89
65) Chlorobenzene	11.610	112	340265	46.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	123214	44.657	ug/l	97
67) Ethyl Benzene	11.687	91	653813	46.539	ug/l	94
68) m/p-Xylenes	11.793	106	476063	93.841	ug/l	82
69) o-Xylene	12.122	106	228241	46.970	ug/l	84
70) Styrene	12.140	104	390706	46.608	ug/l #	91
71) Bromoform	12.304	173	66770	43.650	ug/l #	96
73) Isopropylbenzene	12.422	105	608322	45.941	ug/l	94
74) N-amyl acetate	12.234	43	185763	39.607	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	112357	43.287	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	150139	75.955	ug/l #	100
77) Bromobenzene	12.704	156	132674	45.520	ug/l	76
78) n-propylbenzene	12.763	91	763958	45.438	ug/l	94
79) 2-Chlorotoluene	12.851	91	421812	44.310	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	503330	45.301	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	42681	41.708	ug/l	89
82) 4-Chlorotoluene	12.951	91	438056	44.177	ug/l	89
83) tert-Butylbenzene	13.169	119	424603	45.454	ug/l	90
84) 1,2,4-Trimethylbenzene	13.216	105	503786	45.645	ug/l	93
85) sec-Butylbenzene	13.346	105	653563	45.726	ug/l	94
86) p-Isopropyltoluene	13.463	119	537470	46.263	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	264946	46.245	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	256574	44.824	ug/l	96
89) n-Butylbenzene	13.793	91	547620	45.351	ug/l	97
90) Hexachloroethane	14.057	117	103571	43.566	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	225436	44.774	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.451	75	17596	40.240	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	148902	43.049	ug/l	98
94) Hexachlorobutadiene	15.204	225	82064	43.984	ug/l	99
95) Naphthalene	15.334	128	281350	42.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	130800	43.809	ug/l	99

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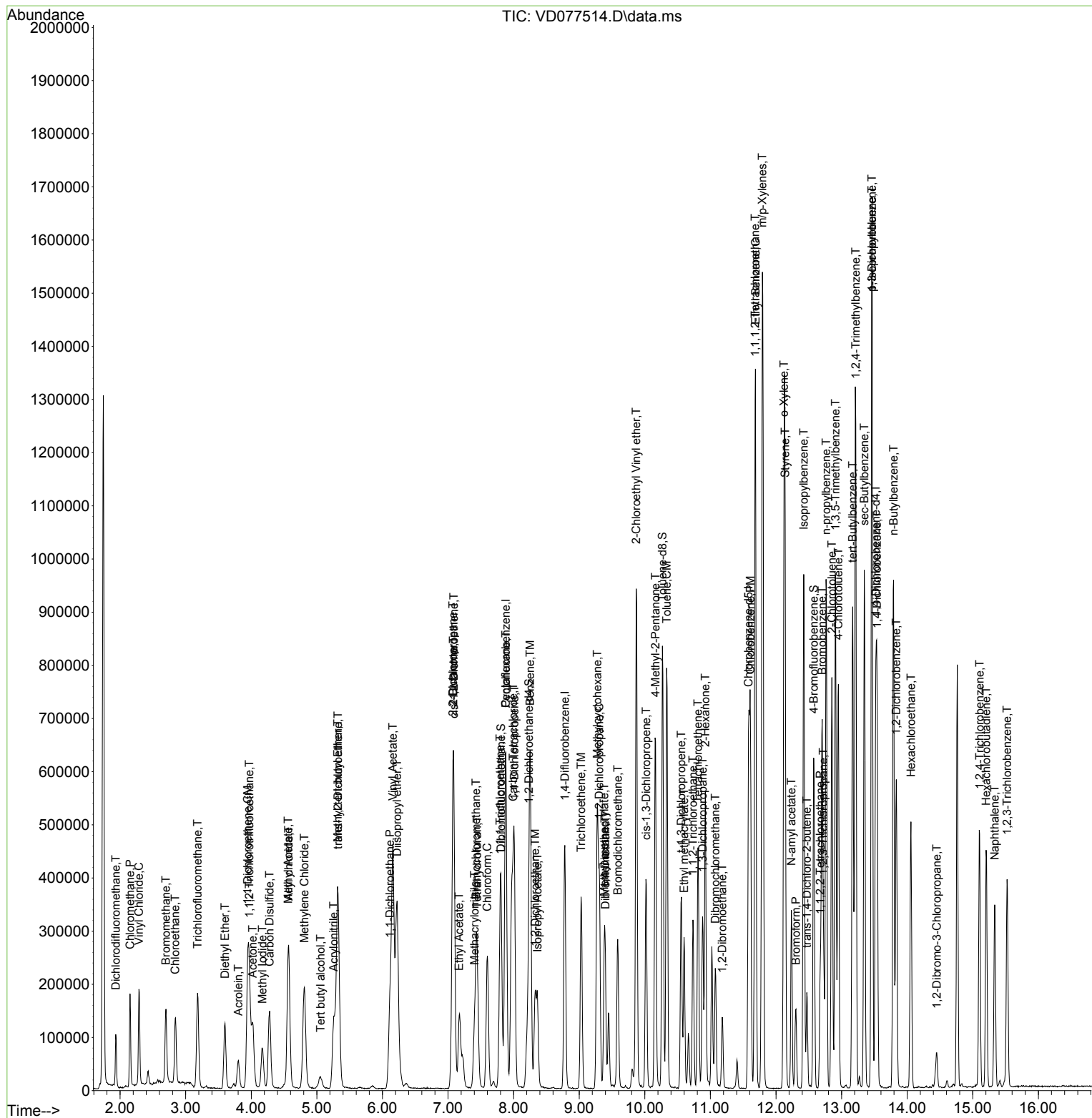
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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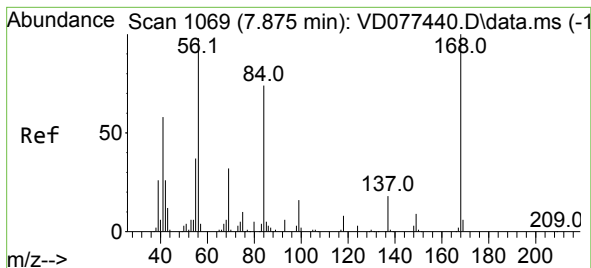
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077514.D

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Instrument :

MSVOA_D

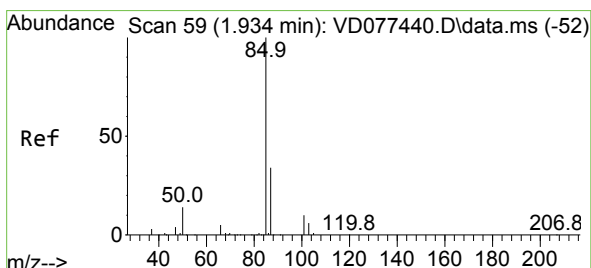
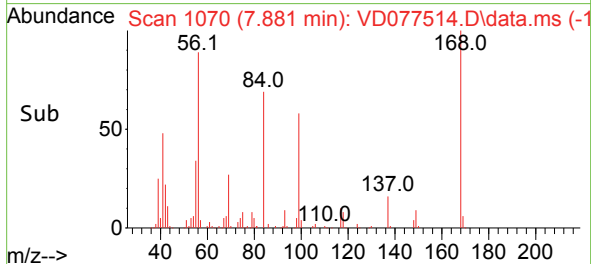
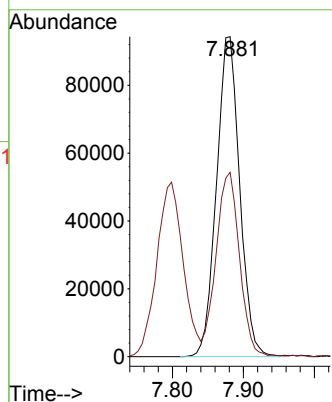
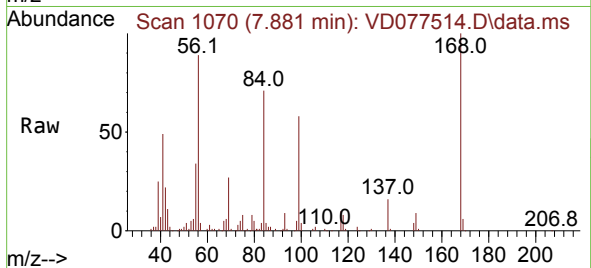
ClientSampleId :

Tgt Ion:168 Resp: 213371

Ion Ratio Lower Upper

168 100

99 57.3 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 40.406 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077514.D

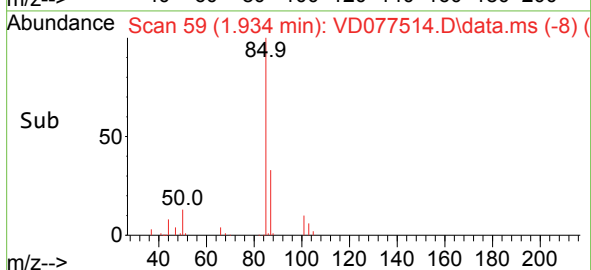
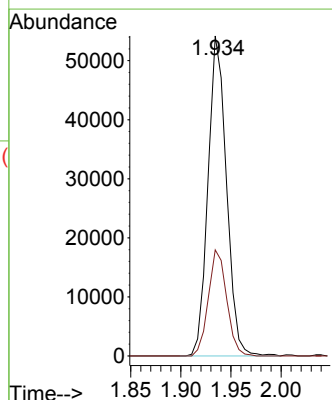
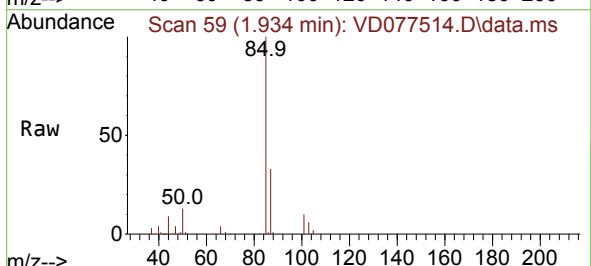
Acq: 08 Nov 2023 09:53

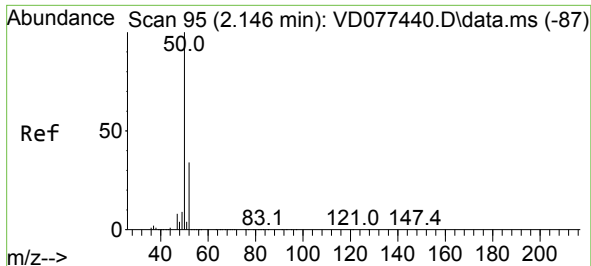
Tgt Ion: 85 Resp: 69517

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0

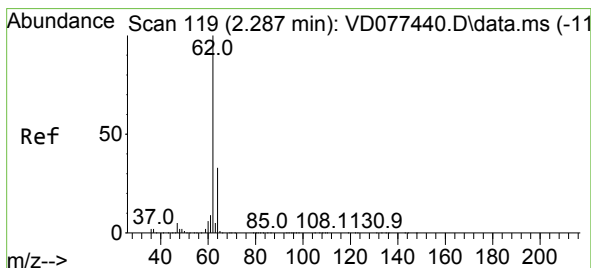
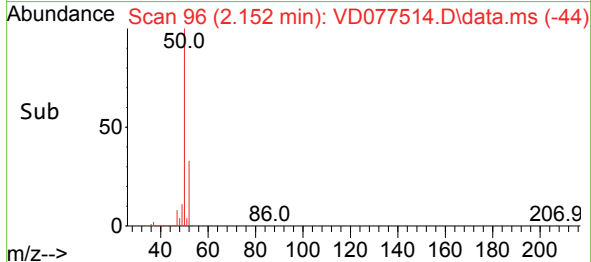
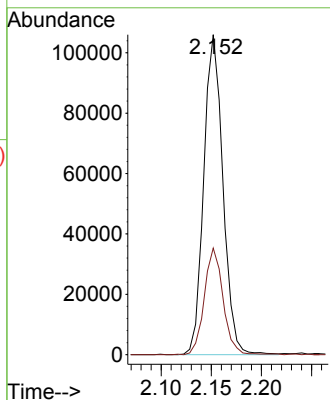
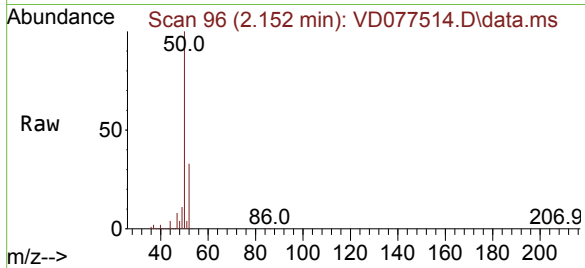




#3
Chloromethane
Concen: 51.751 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077514.D
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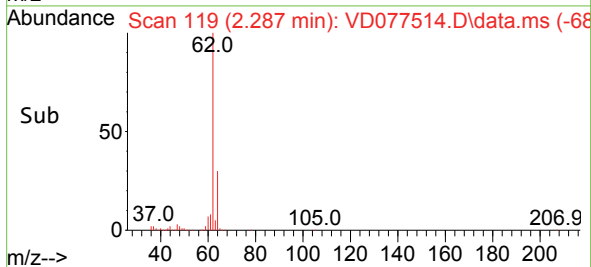
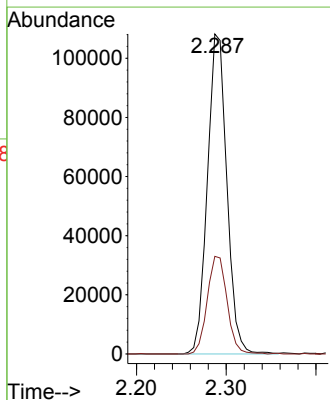
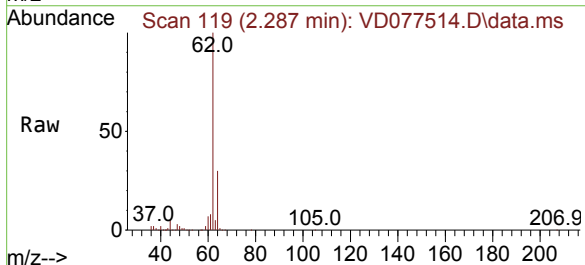
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 141358
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 61.070 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 62 Resp: 162665
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

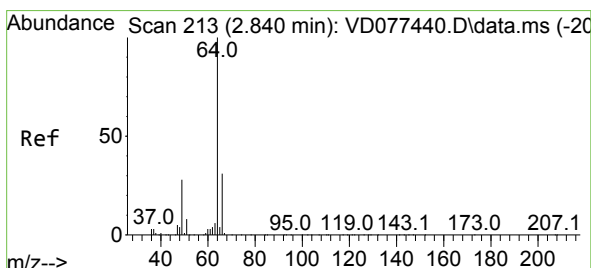
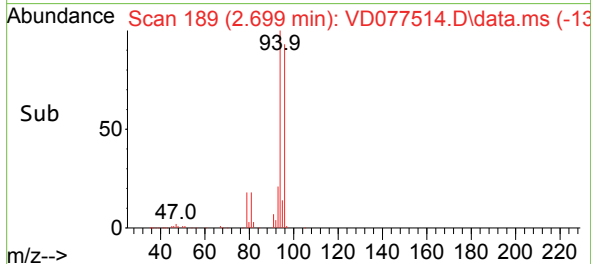
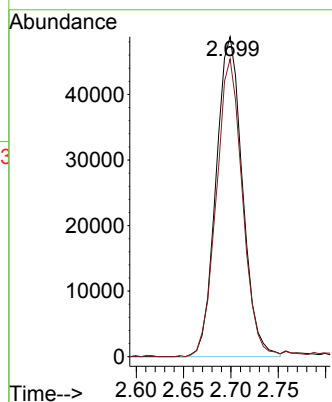
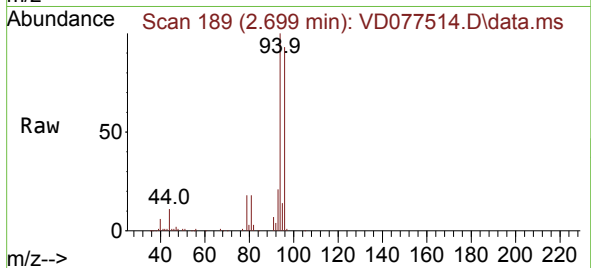




#5
Bromomethane
Concen: 67.784 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

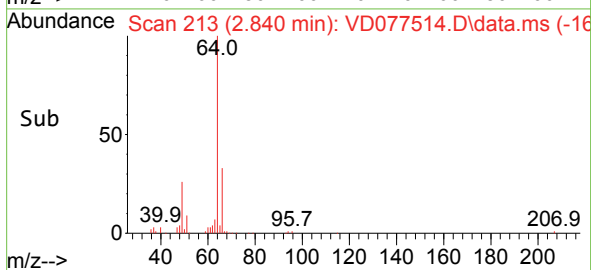
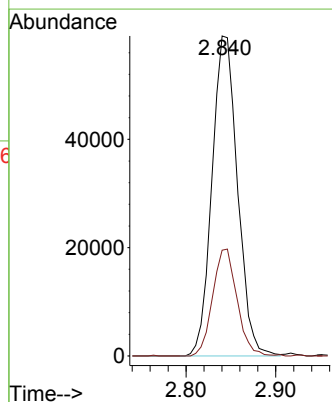
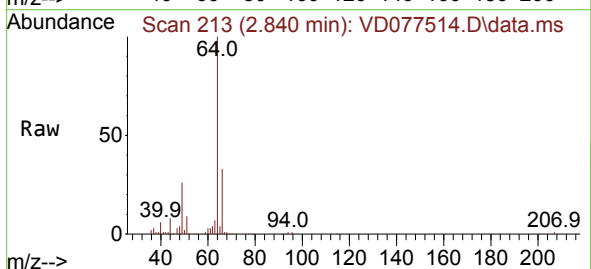
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ClientSampleId :

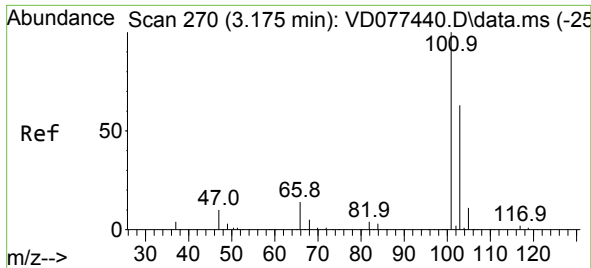
Tgt Ion: 94 Resp: 94610
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.8



#6
Chloroethane
Concen: 65.136 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 64 Resp: 116810
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

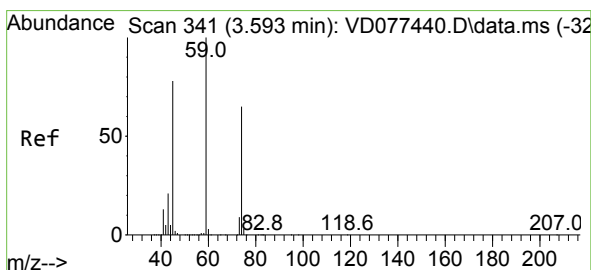
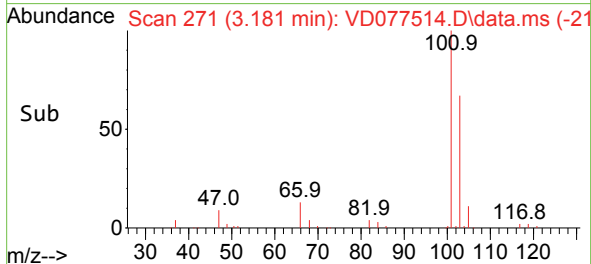
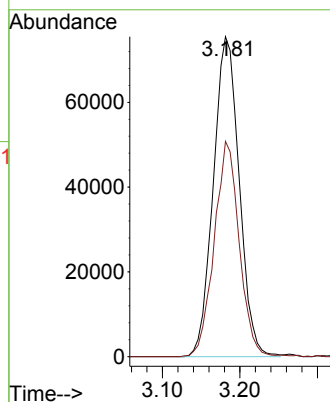
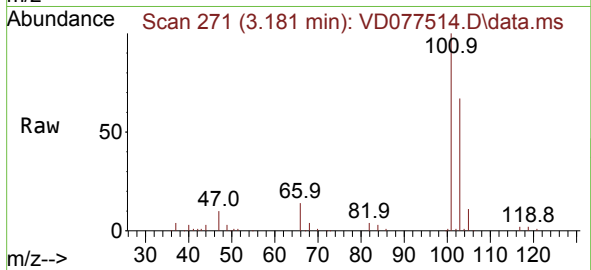




#7
 Trichlorofluoromethane
 Concen: 47.025 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

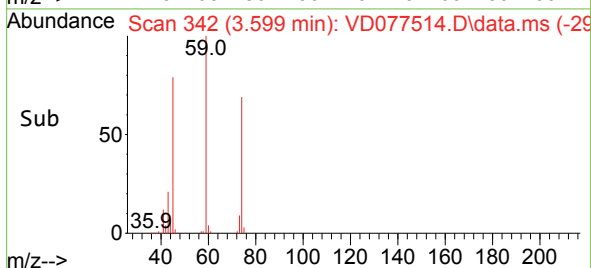
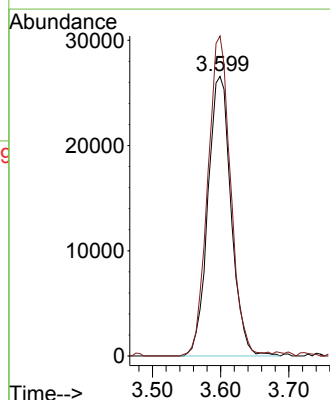
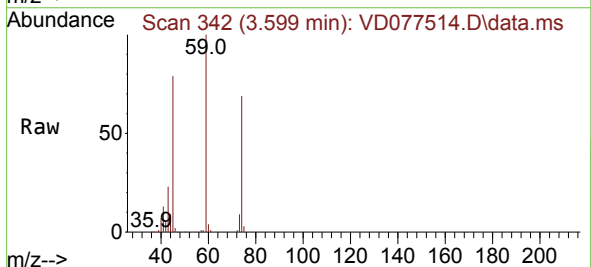
Instrument :
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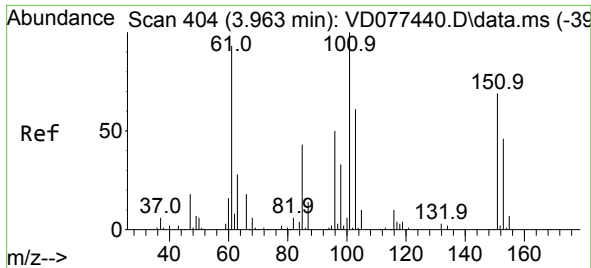
Tgt Ion:101 Resp: 175407
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 46.977 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Tgt Ion: 74 Resp: 62988
 Ion Ratio Lower Upper
 74 100
 45 112.8 37.5 112.7#

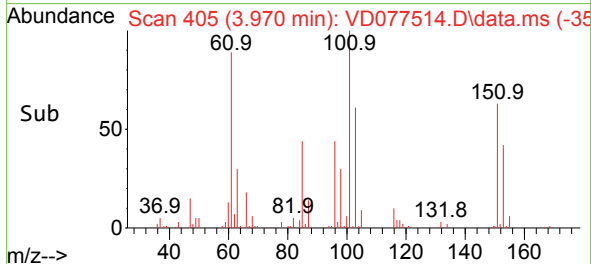
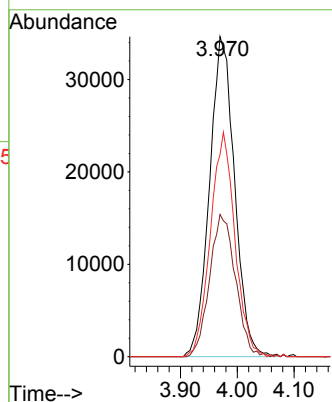
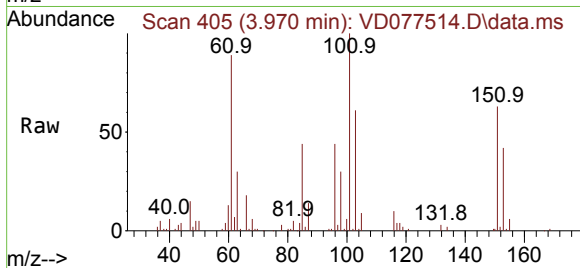




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.057 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

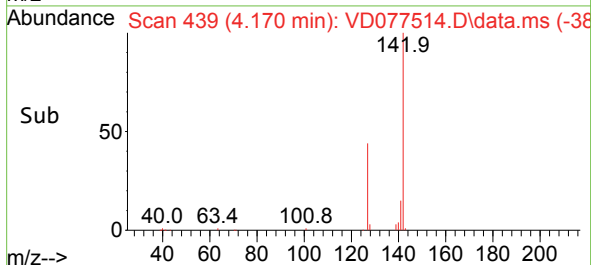
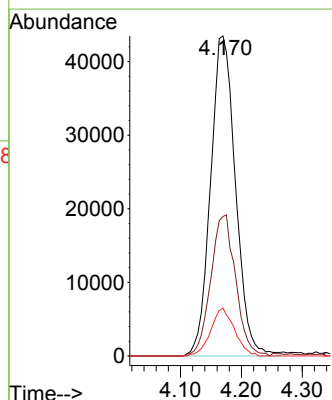
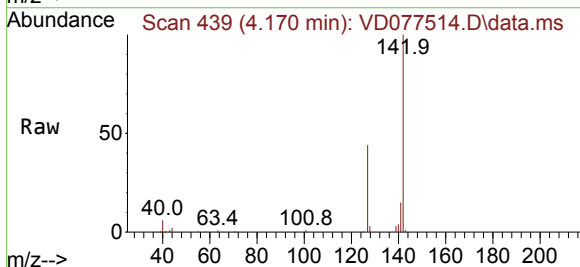
Instrument :
MSVOA_D
ClientSampleId :

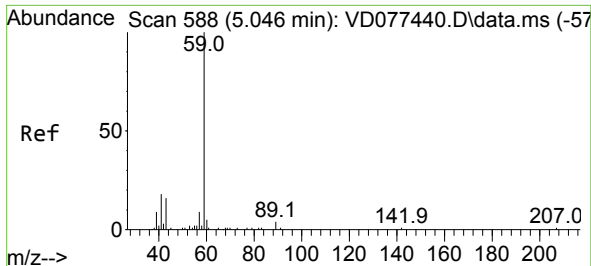
Tgt Ion:101 Resp: 105965
Ion Ratio Lower Upper
101 100
85 45.8 33.8 50.6
151 68.8 59.8 89.6



#10
Methyl Iodide
Concen: 43.970 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion:142 Resp: 123892
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.2 11.1 16.7

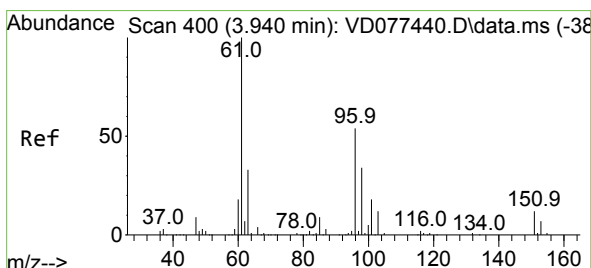
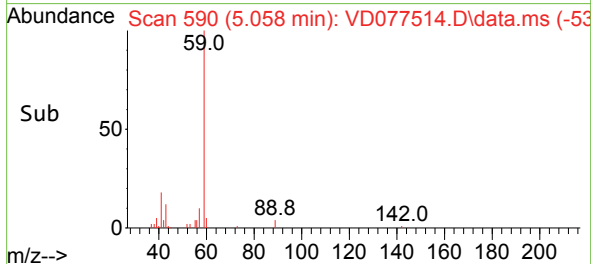
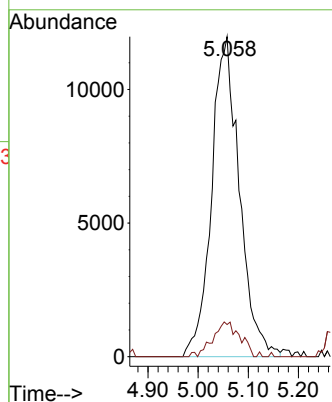
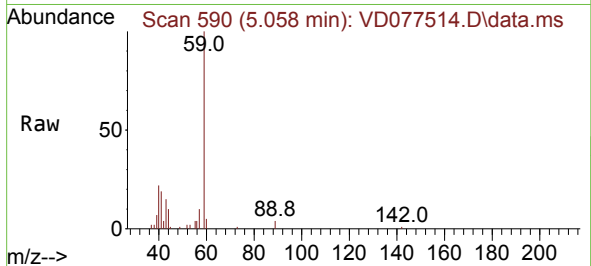




#11
Tert butyl alcohol
Concen: 192.937 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

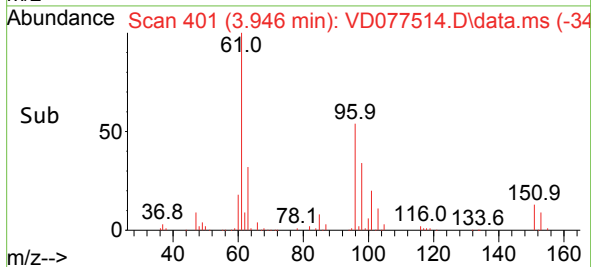
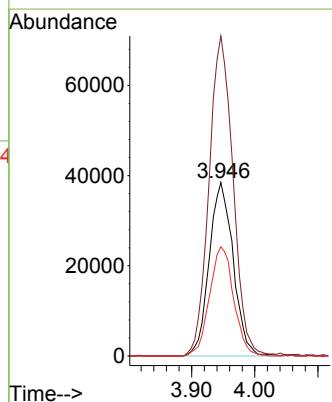
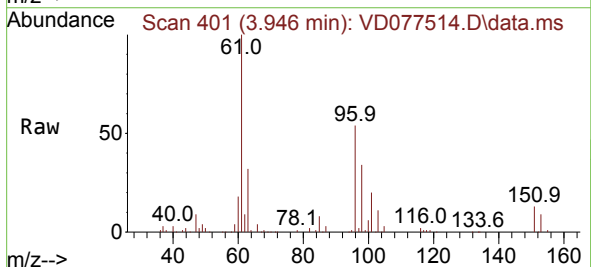
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 46112
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.555 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 96 Resp: 101380
Ion Ratio Lower Upper
96 100
61 184.6 100.6 150.8#
98 63.0 50.2 75.2

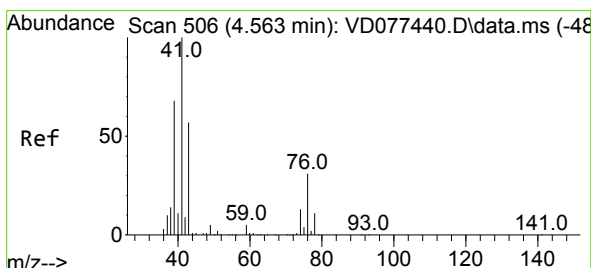
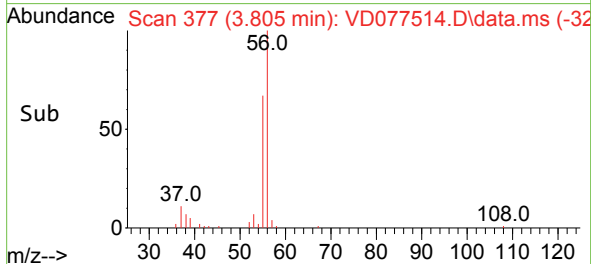
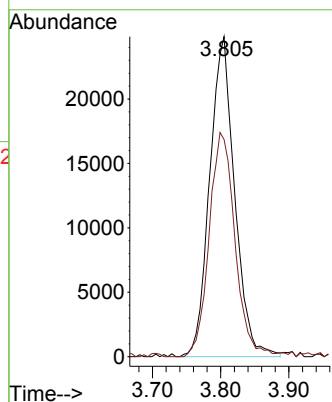
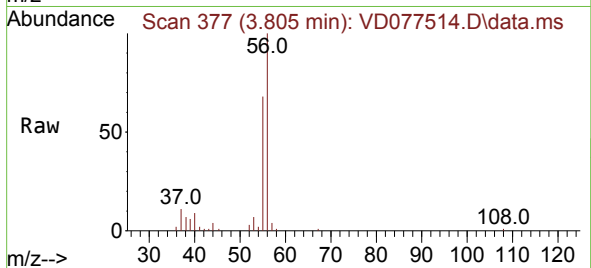




#13
Acrolein
Concen: 200.914 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

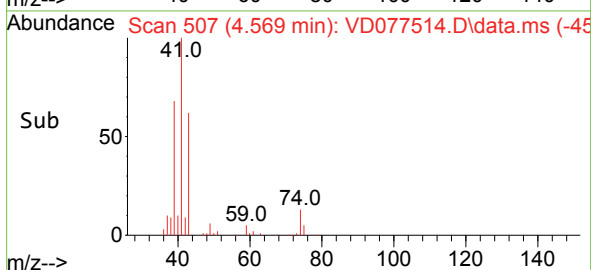
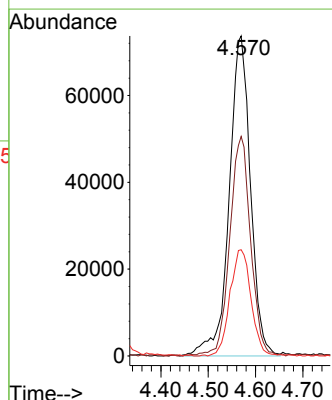
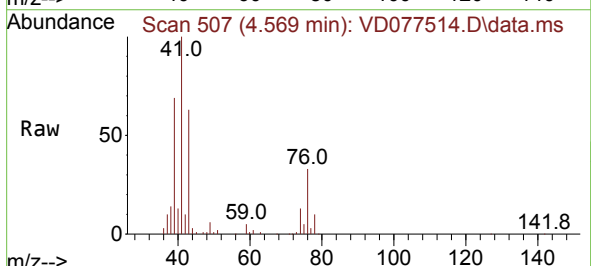
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 63322
Ion Ratio Lower Upper
56 100
55 72.3 55.1 82.7



#14
Allyl chloride
Concen: 44.850 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 41 Resp: 230661
Ion Ratio Lower Upper
41 100
39 67.1 53.8 80.6
76 32.9 45.8 68.8#

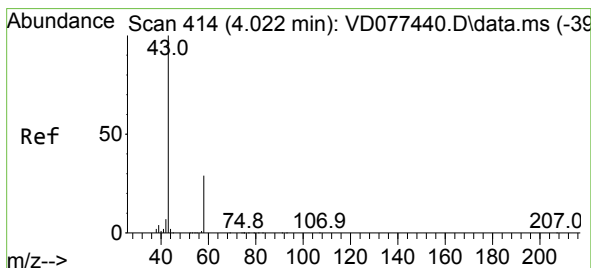
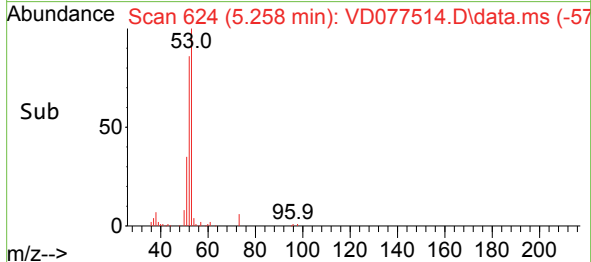
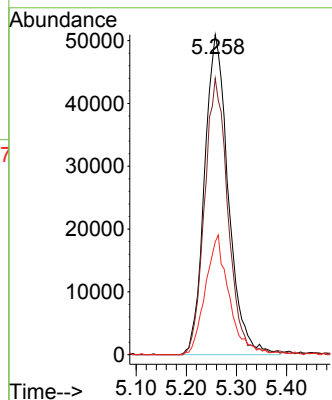
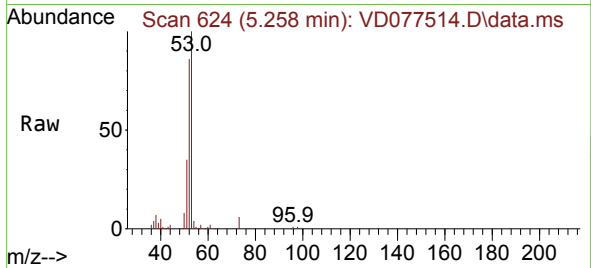




#15
Acrylonitrile
Concen: 231.937 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

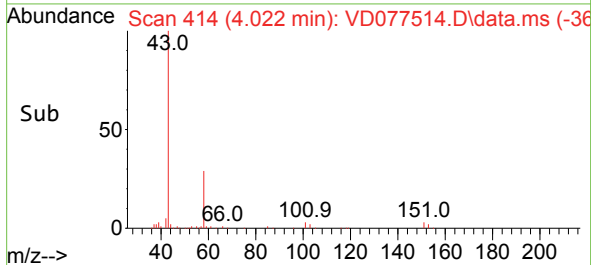
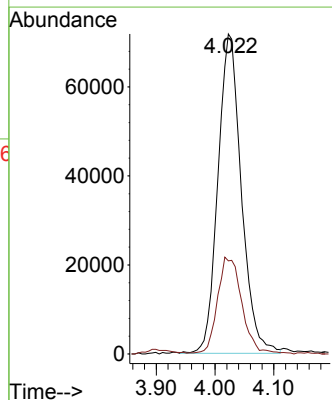
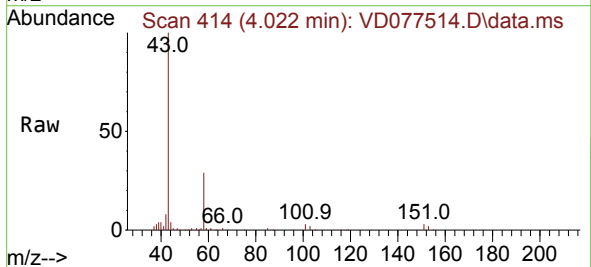
Instrument :
MSVOA_D
ClientSampleId :

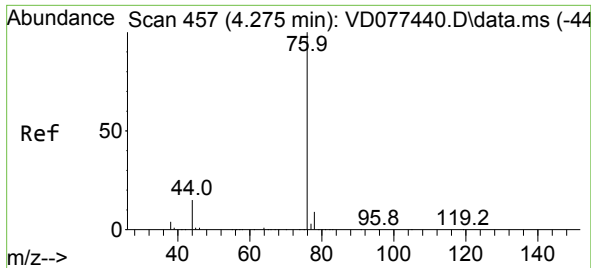
Tgt Ion: 53 Resp: 168113
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.4
51 37.3 28.3 42.5



#16
Acetone
Concen: 248.682 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 43 Resp: 198543
Ion Ratio Lower Upper
43 100
58 28.7 34.7 52.1#

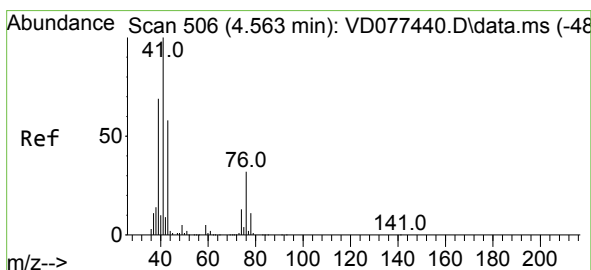
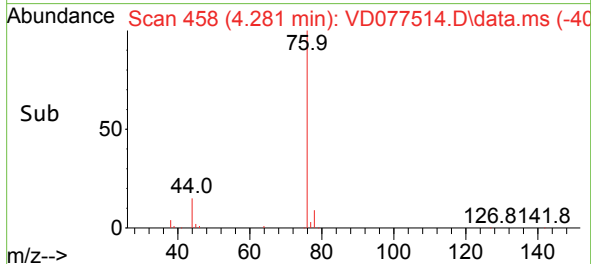
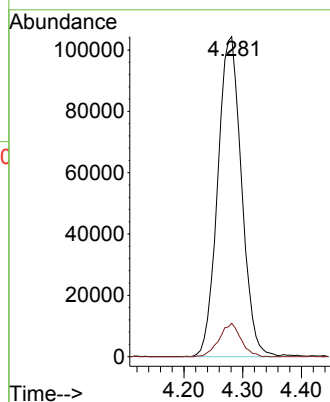
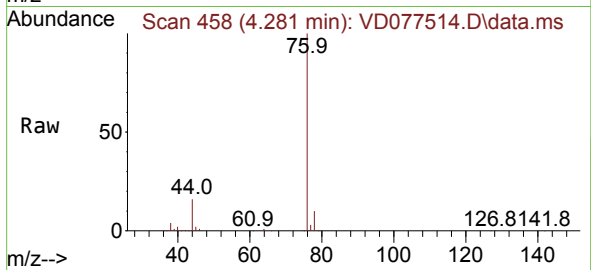




#17
Carbon Disulfide
Concen: 45.040 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

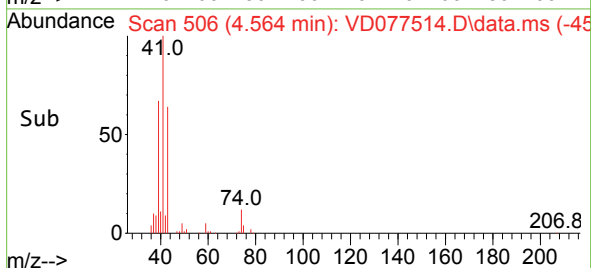
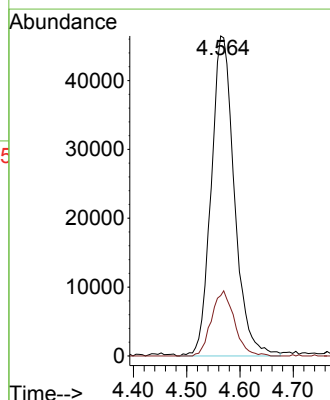
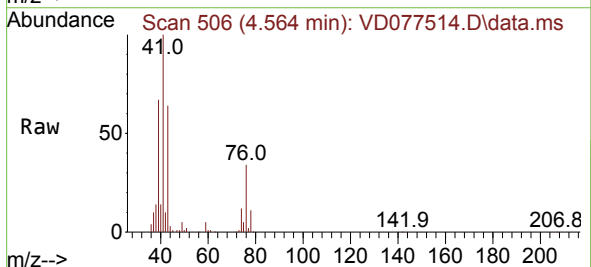
Instrument :
MSVOA_D
ClientSampleId :

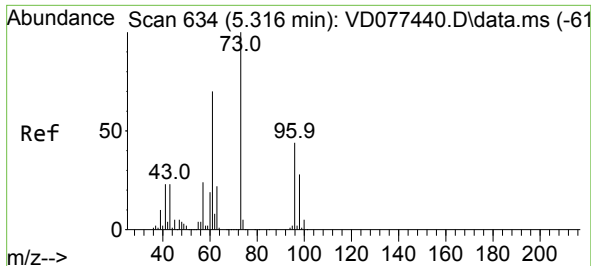
Tgt Ion: 76 Resp: 293527
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#18
Methyl Acetate
Concen: 48.248 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 43 Resp: 140509
Ion Ratio Lower Upper
43 100
74 20.2 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 45.430 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

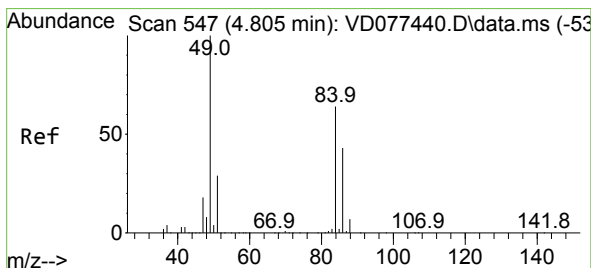
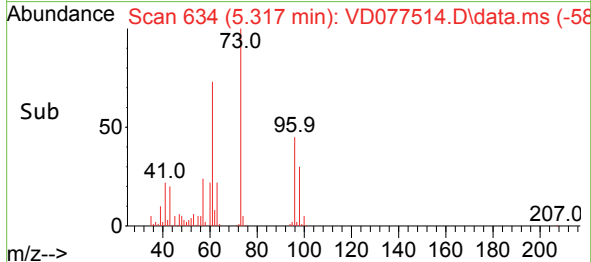
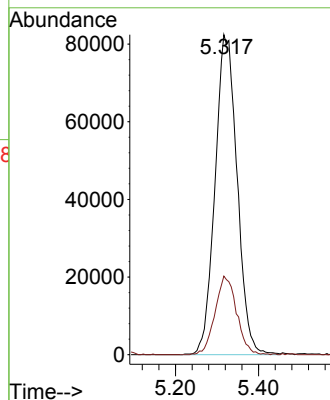
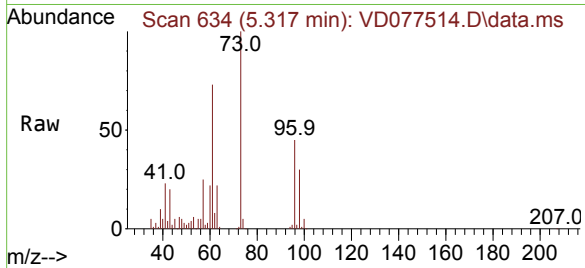
ClientSampleId :

Tgt Ion: 73 Resp: 304006

Ion Ratio Lower Upper

73 100

57 24.6 16.6 25.0



#20

Methylene Chloride

Concen: 45.224 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Tgt Ion: 84 Resp: 136429

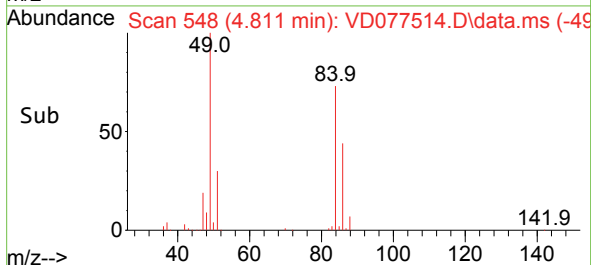
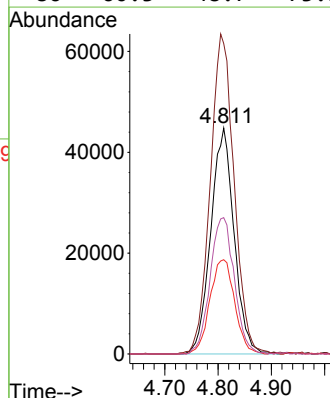
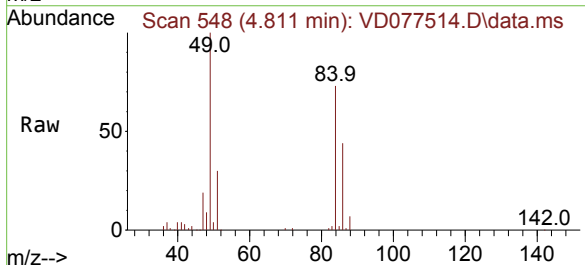
Ion Ratio Lower Upper

84 100

49 136.9 71.4 107.2#

51 41.7 24.5 36.7#

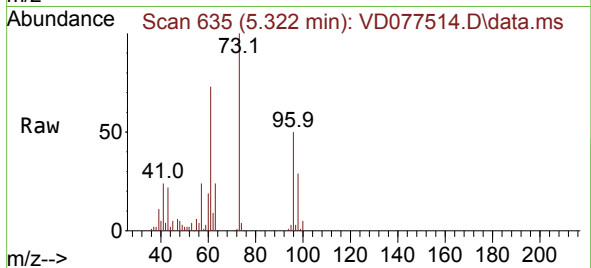
86 60.3 48.7 73.1



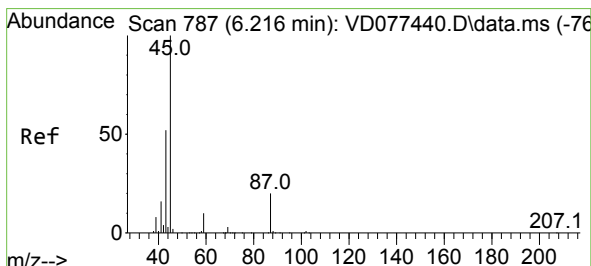
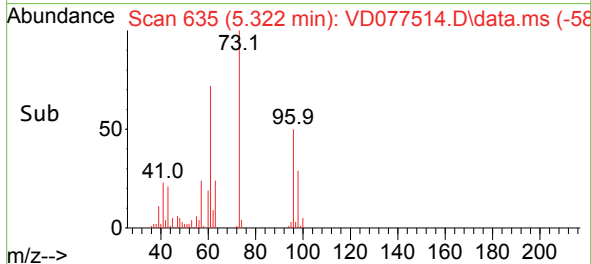
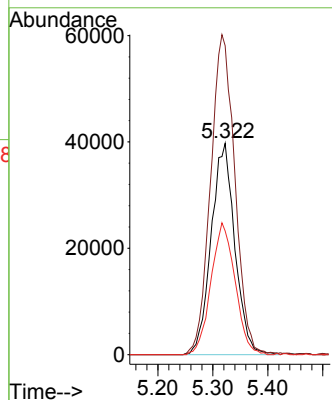


#21
trans-1,2-Dichloroethene
Concen: 47.948 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Instrument :
MSVOA_D
ClientSampleId :

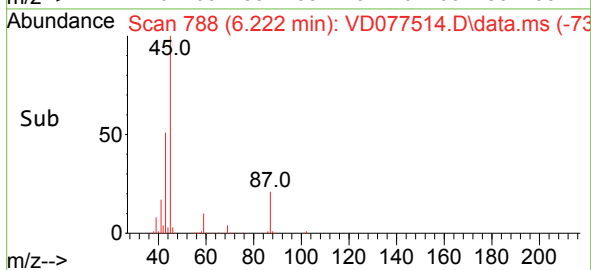
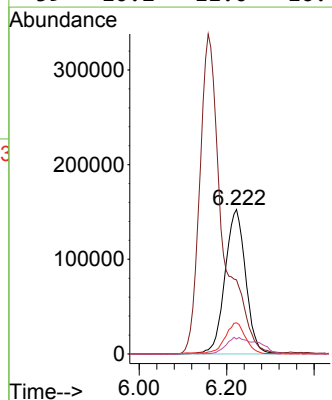
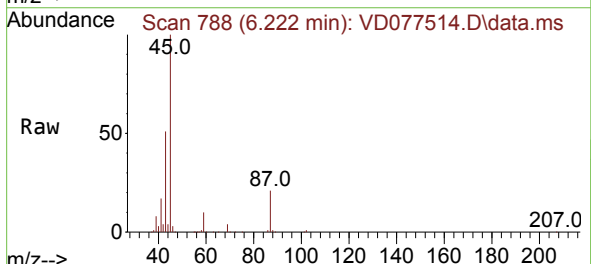


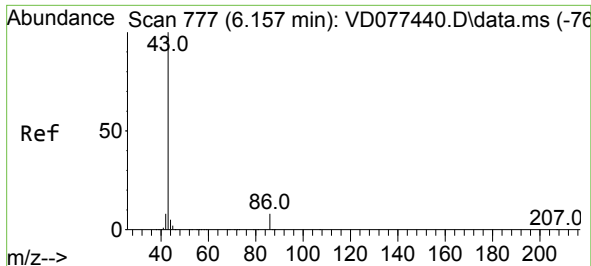
Tgt Ion: 96 Resp: 119047
Ion Ratio Lower Upper
96 100
61 146.1 89.3 133.9#
98 58.5 48.6 73.0



#22
Diisopropyl ether
Concen: 45.785 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

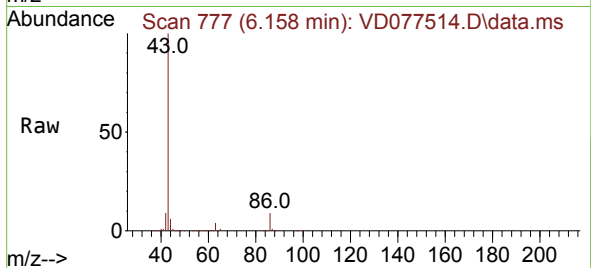
Tgt Ion: 45 Resp: 500448
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 21.5 28.2 42.4#
59 10.2 11.0 16.4#



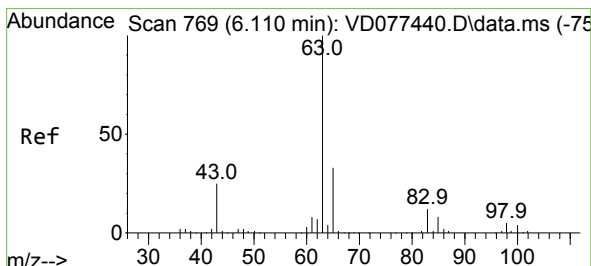
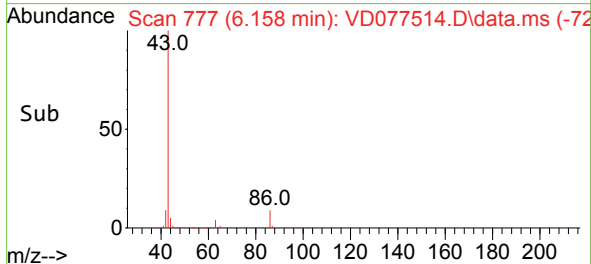
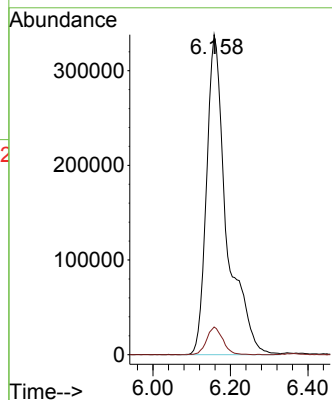


#23
 Vinyl Acetate
 Concen: 258.038 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Instrument :
 MSVOA_D
 ClientSampleId :

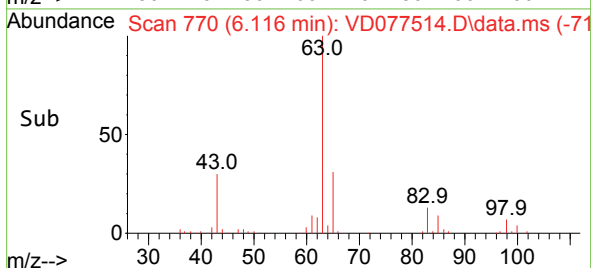
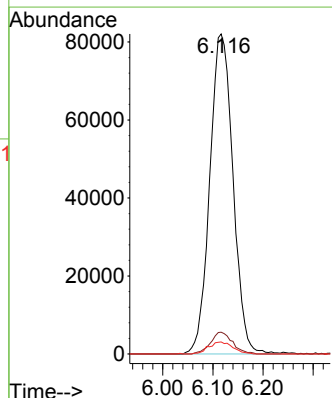
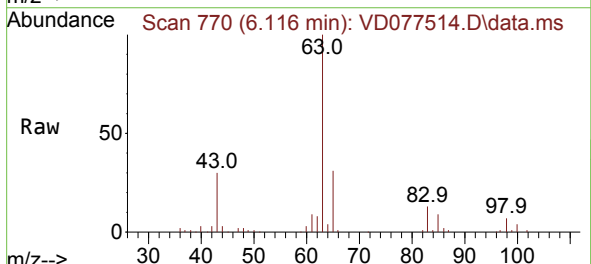


Tgt Ion: 43 Resp: 1216798
 Ion Ratio Lower Upper
 43 100
 86 8.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.553 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Tgt Ion: 63 Resp: 264032
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 3.8 2.5 7.5

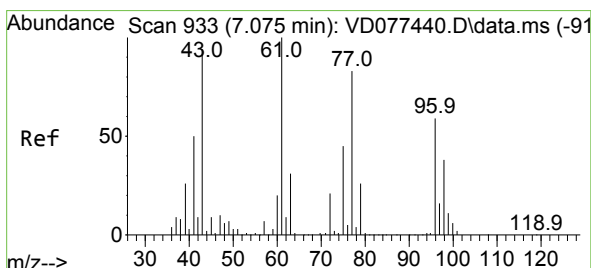
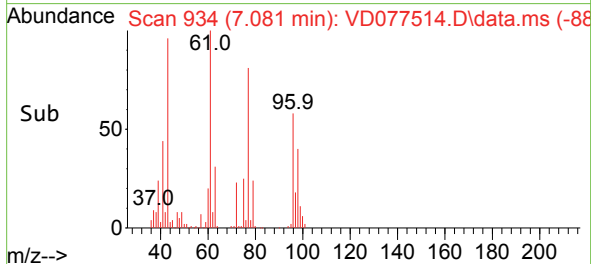
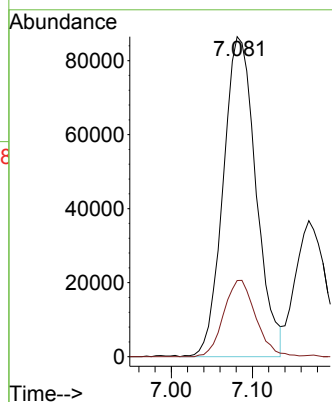
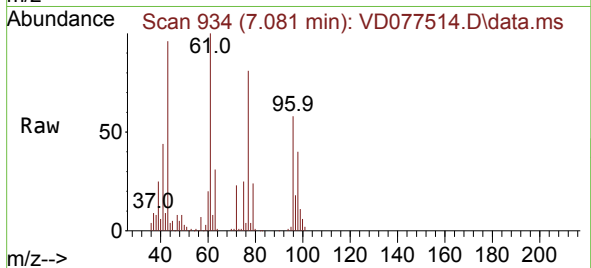




#25
2-Butanone
Concen: 228.468 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

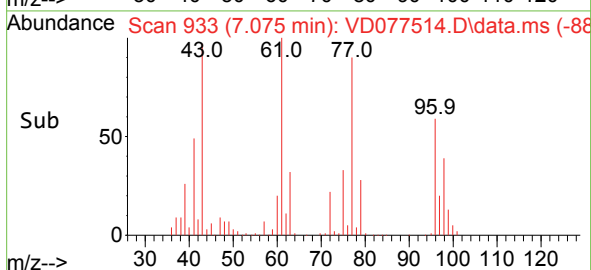
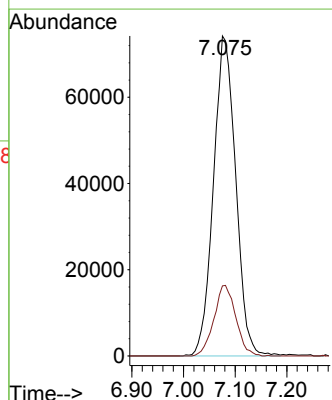
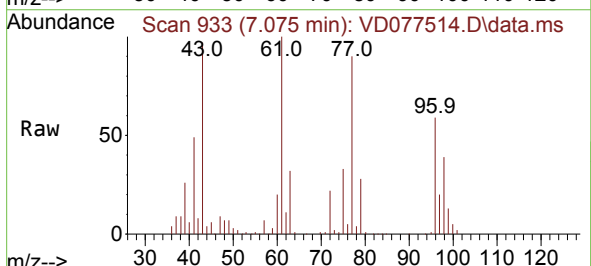
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 243299
Ion Ratio Lower Upper
43 100
72 23.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 44.156 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

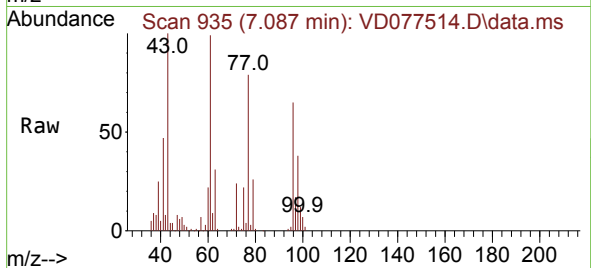
Tgt Ion: 77 Resp: 221937
Ion Ratio Lower Upper
77 100
97 21.7 13.2 39.6



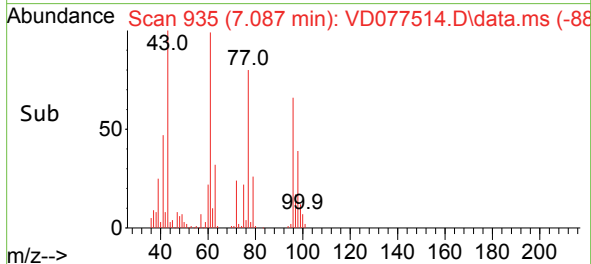
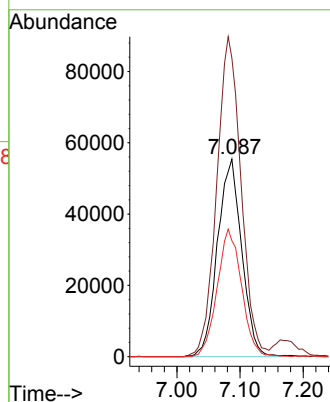


#27
 cis-1,2-Dichloroethene
 Concen: 48.061 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Instrument :
 MSVOA_D
 ClientSampleId :

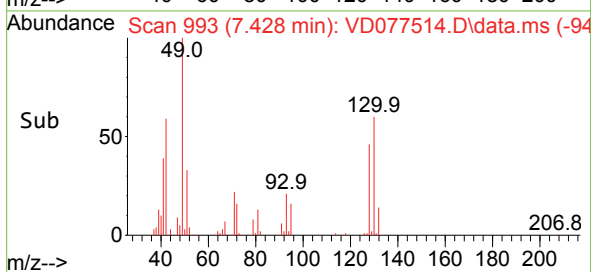
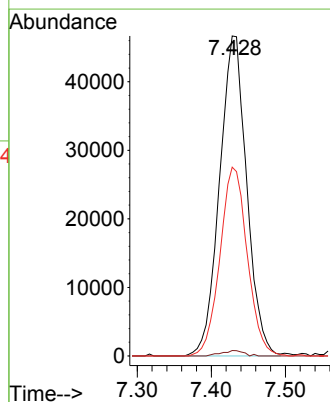
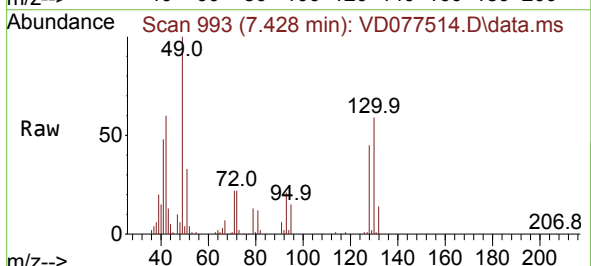


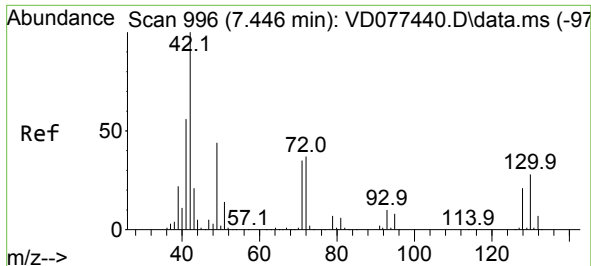
Tgt Ion: 96 Resp: 147833
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 239.2
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 46.371 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Tgt Ion: 49 Resp: 118823
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 59.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 222.368 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

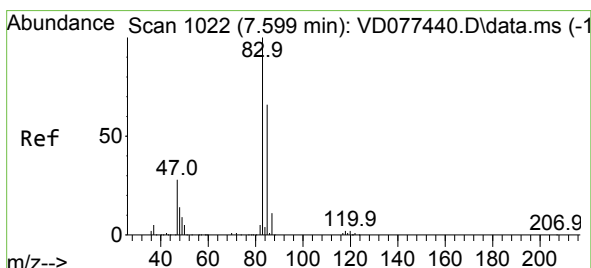
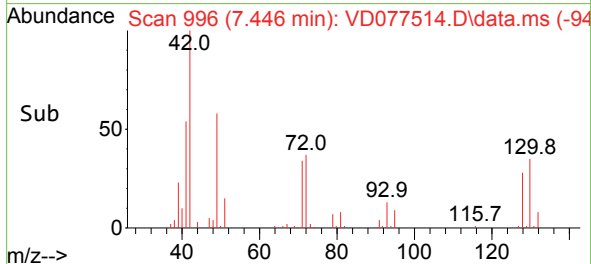
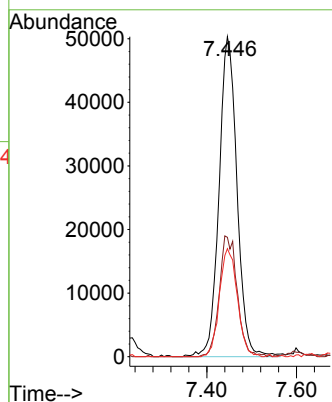
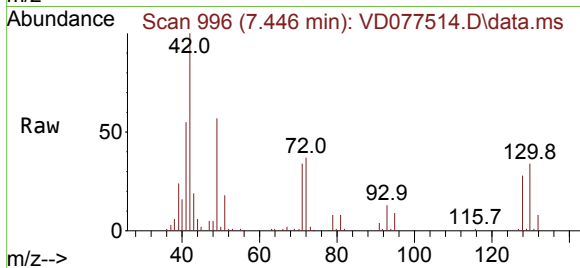
Tgt Ion: 42 Resp: 140445

Ion Ratio Lower Upper

42 100

72 37.7 46.5 69.7#

71 33.6 44.5 66.7#



#30

Chloroform

Concen: 46.913 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077514.D

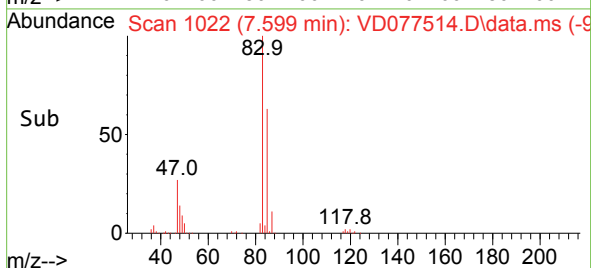
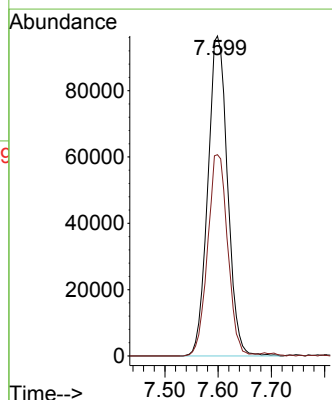
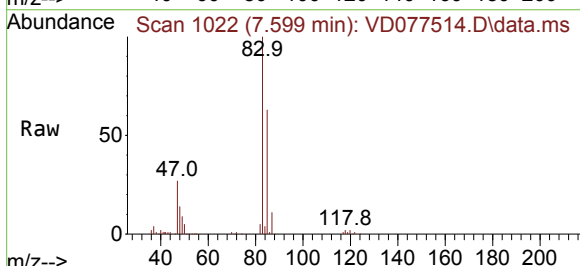
Acq: 08 Nov 2023 09:53

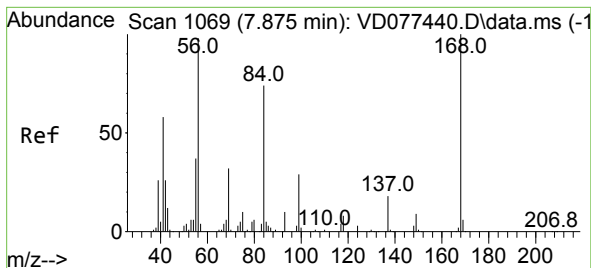
Tgt Ion: 83 Resp: 248432

Ion Ratio Lower Upper

83 100

85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 45.340 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

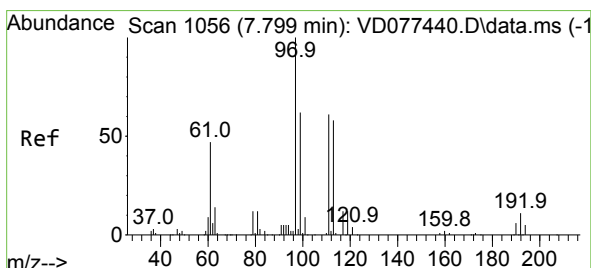
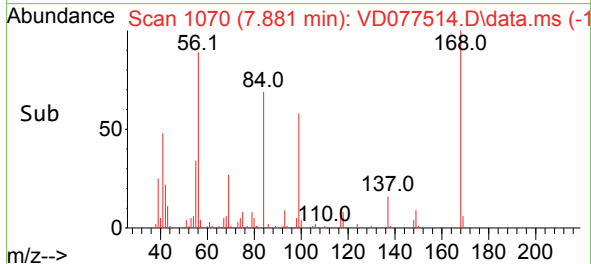
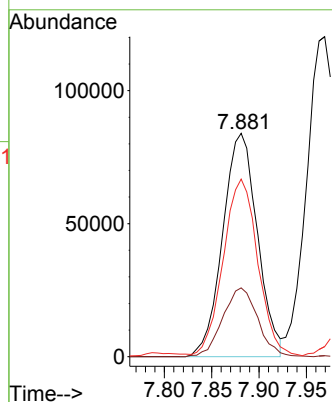
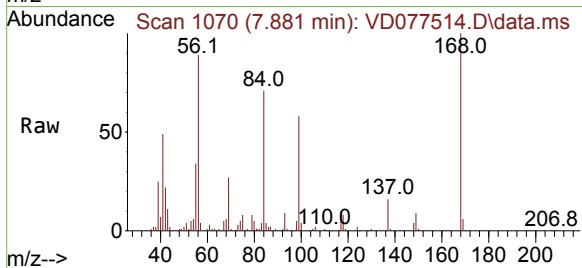
Tgt Ion: 56 Resp: 213849

Ion Ratio Lower Upper

56 100

69 30.8 28.6 43.0

84 78.4 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 46.396 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

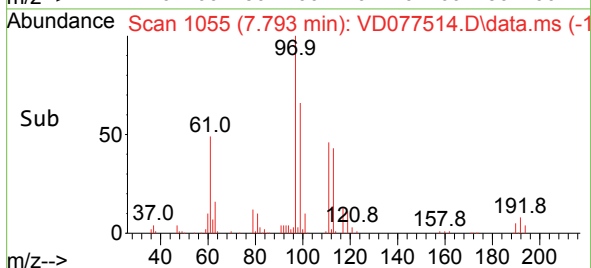
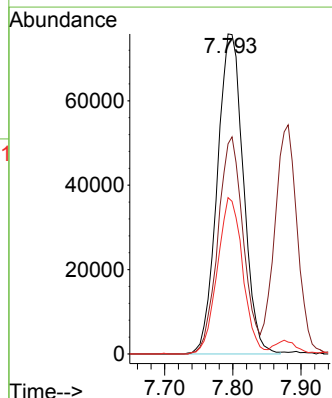
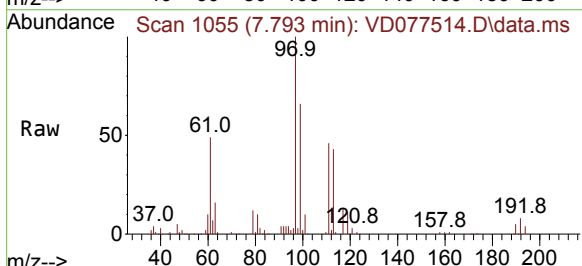
Tgt Ion: 97 Resp: 202431

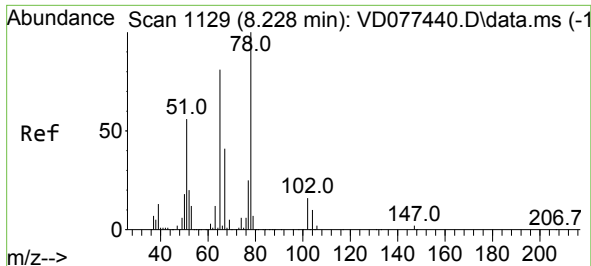
Ion Ratio Lower Upper

97 100

99 65.8 52.0 78.0

61 47.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.010 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

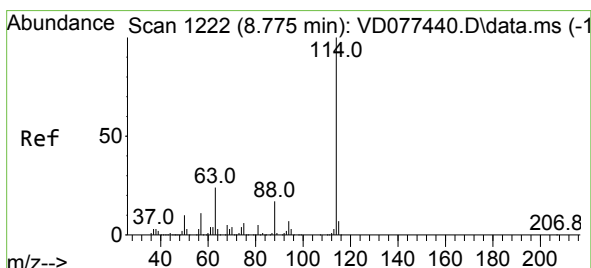
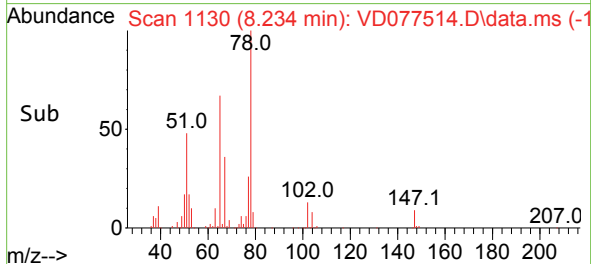
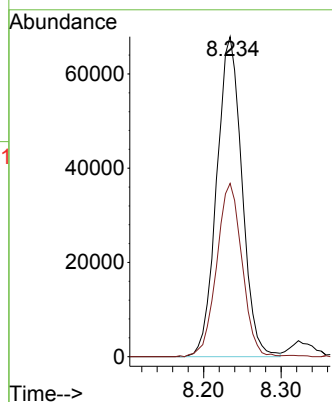
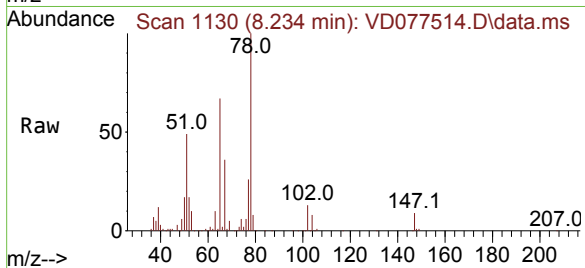
ClientSampleId :

Tgt Ion: 65 Resp: 153906

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

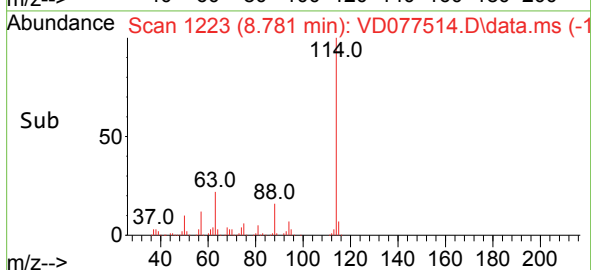
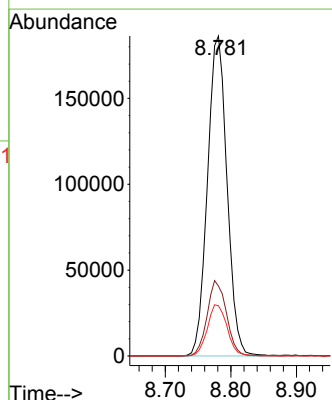
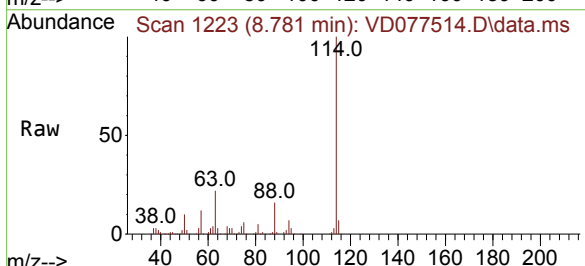
Tgt Ion: 114 Resp: 386373

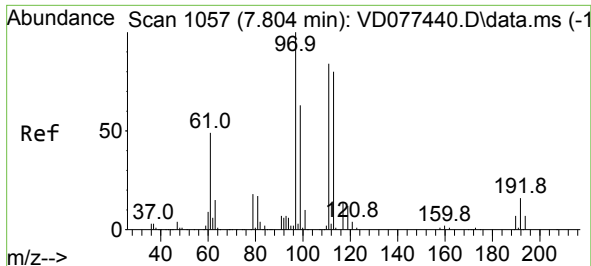
Ion Ratio Lower Upper

114 100

63 21.9 0.0 33.4

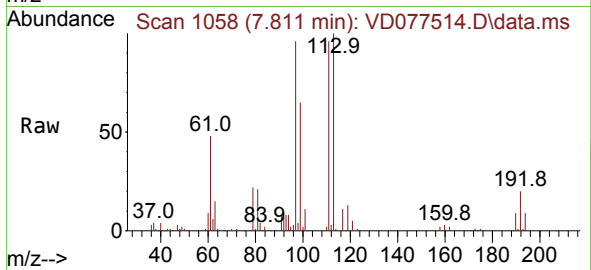
88 15.7 0.0 26.2



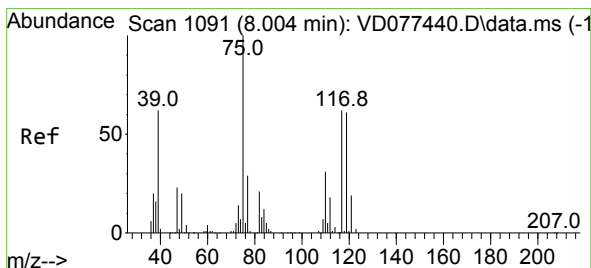
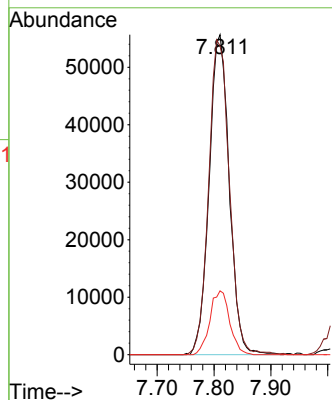
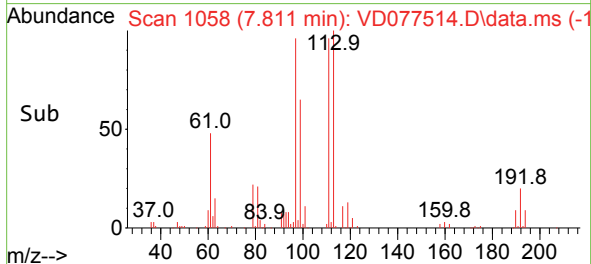


#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Instrument :
MSVOA_D
ClientSampleId :

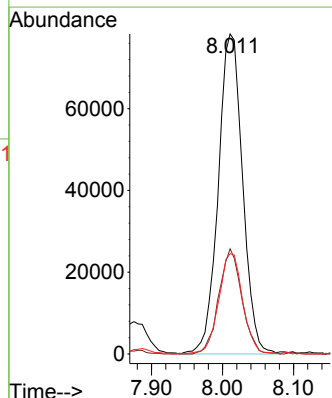
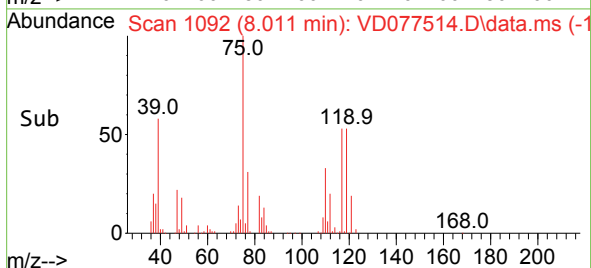
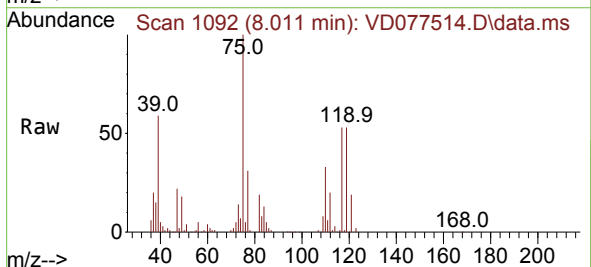


Tgt Ion:113 Resp: 137013
Ion Ratio Lower Upper
113 100
111 101.5 84.7 127.1
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 47.090 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 75 Resp: 186446
Ion Ratio Lower Upper
75 100
110 31.0 19.9 59.6
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 42.632 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

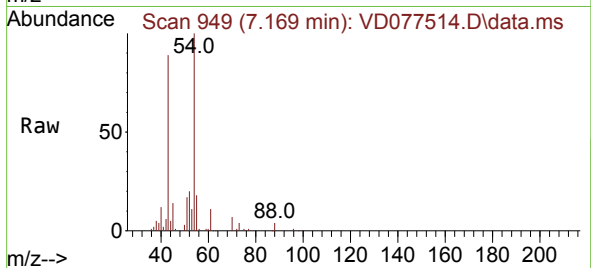
Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

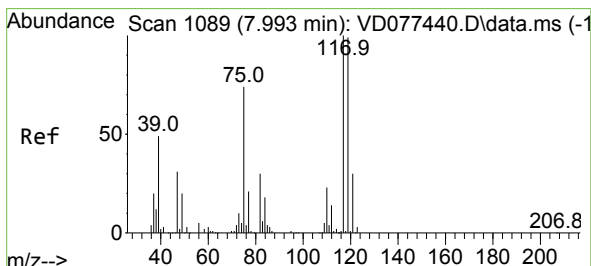
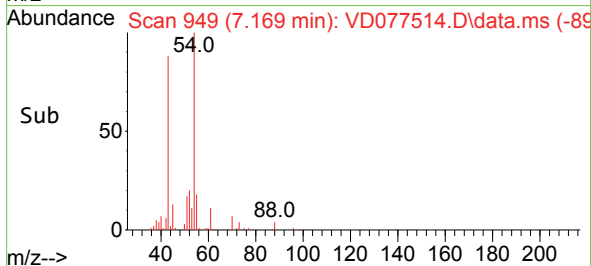
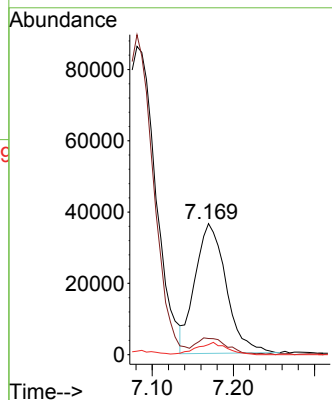
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	96870
Ion	Ratio	Lower	Upper
43	100		
61	13.0	14.9	22.3#
70	9.1	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 46.408 ug/l

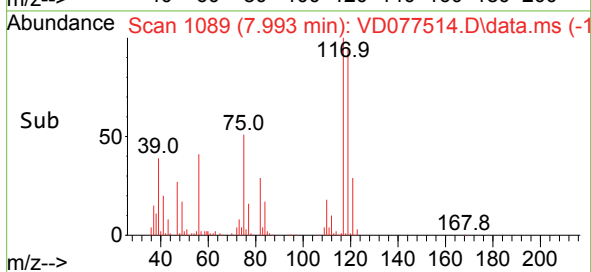
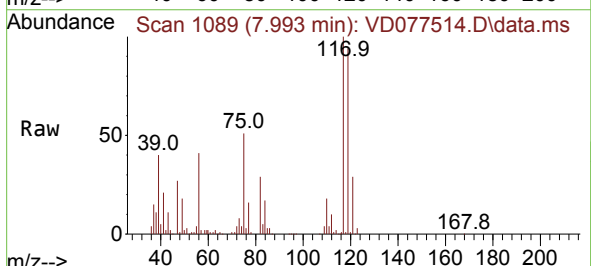
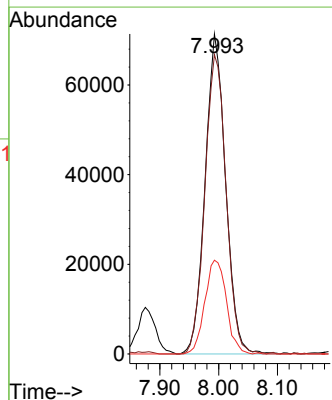
RT: 7.993 min Scan# 1089

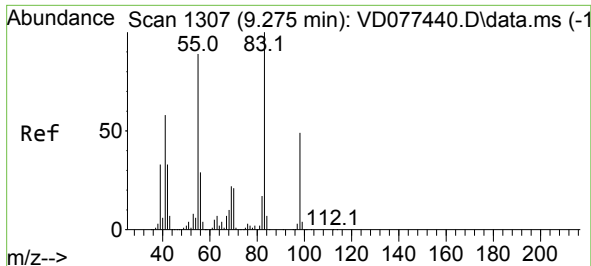
Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Tgt Ion:	117	Resp:	173151
Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.0	117.0
121	29.3	24.2	36.2





#39

Methylcyclohexane

Concen: 46.528 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

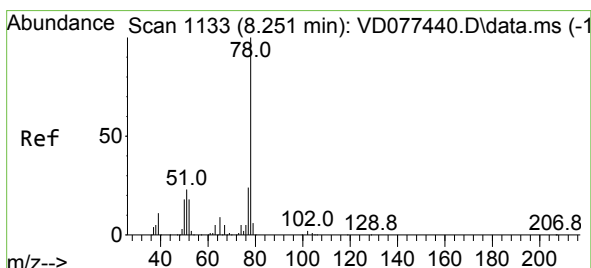
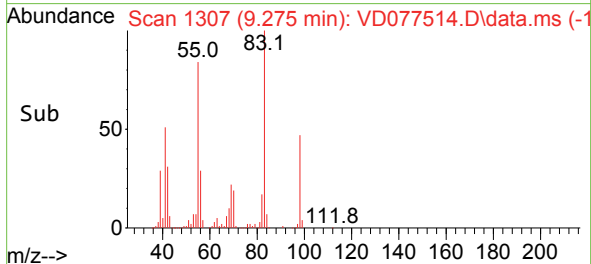
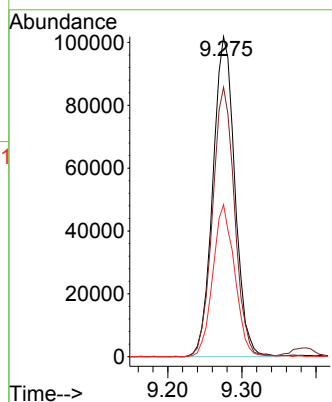
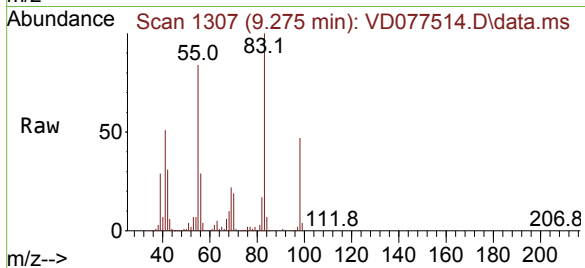
Tgt Ion: 83 Resp: 210195

Ion Ratio Lower Upper

83 100

55 84.2 49.4 74.0#

98 47.5 38.4 57.6



#40

Benzene

Concen: 48.165 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077514.D

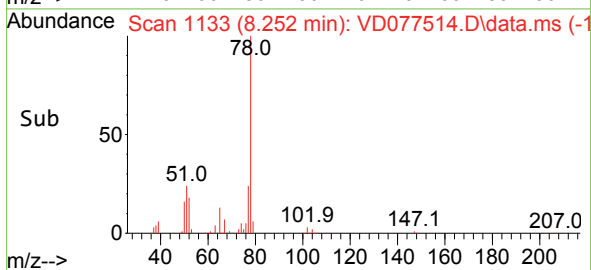
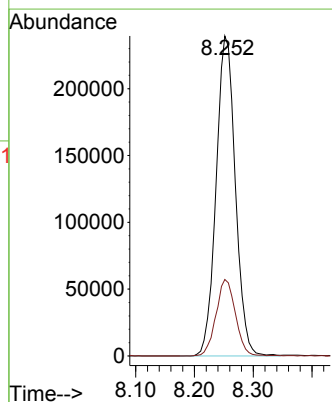
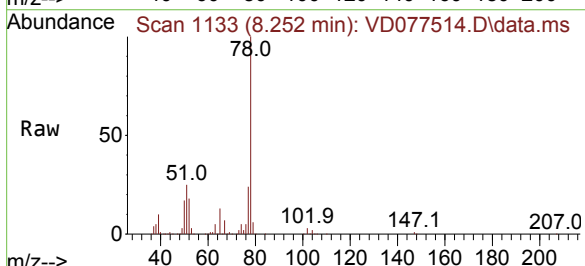
Acq: 08 Nov 2023 09:53

Tgt Ion: 78 Resp: 543790

Ion Ratio Lower Upper

78 100

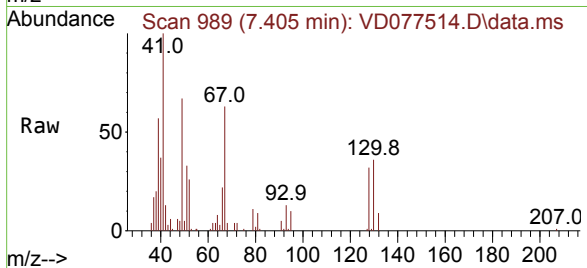
77 23.9 19.4 29.0



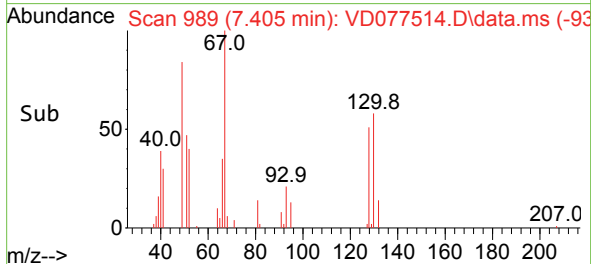
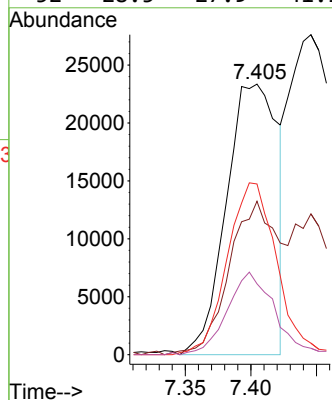


#41
Methacrylonitrile
Concen: 43.622 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Instrument :
MSVOA_D
ClientSampleId :

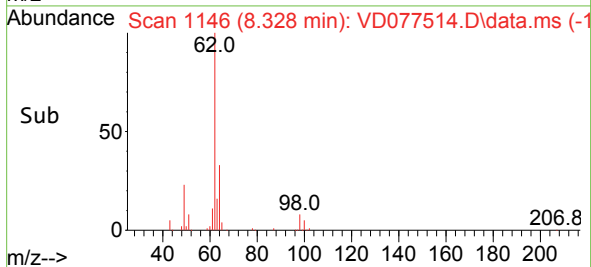
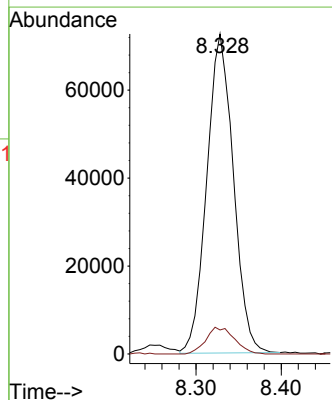
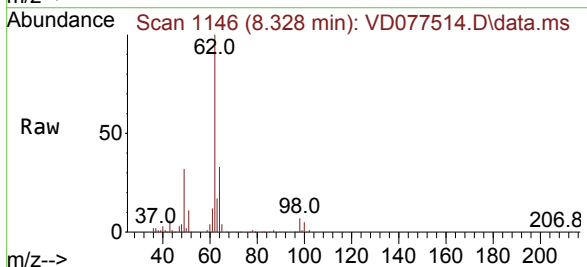


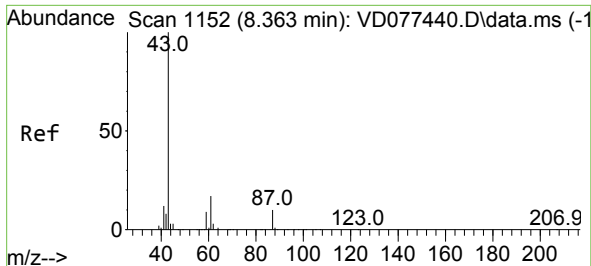
Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.1	34.0	51.0#
67	61.2	77.0	115.4#
52	28.5	27.9	41.9



#42
1,2-Dichloroethane
Concen: 44.029 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

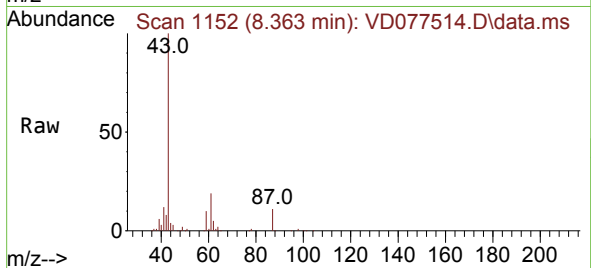
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	25.4



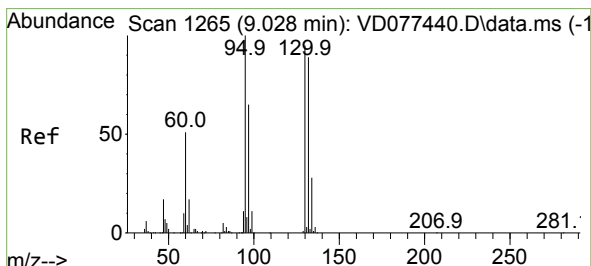
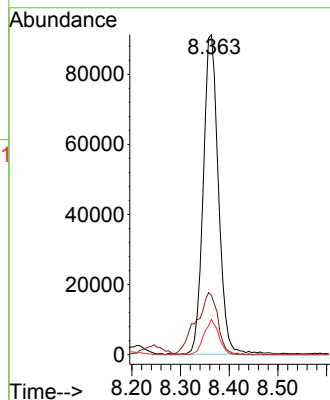
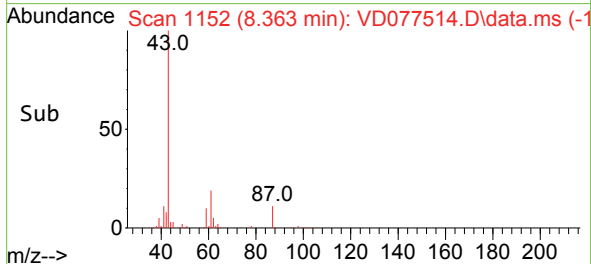


#43
Isopropyl Acetate
Concen: 42.004 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Instrument :
MSVOA_D
ClientSampleId :

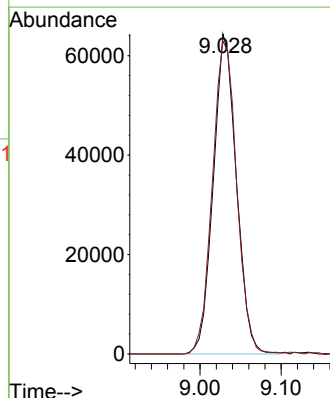
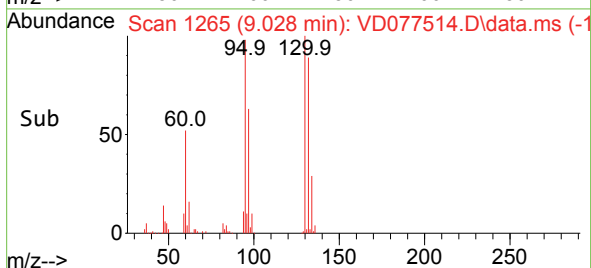
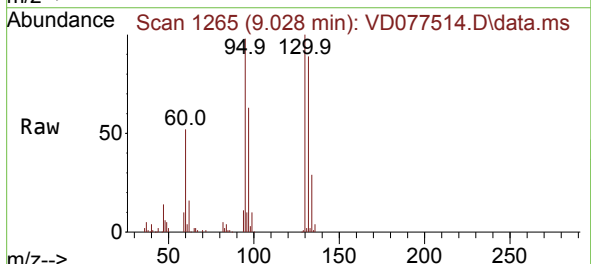


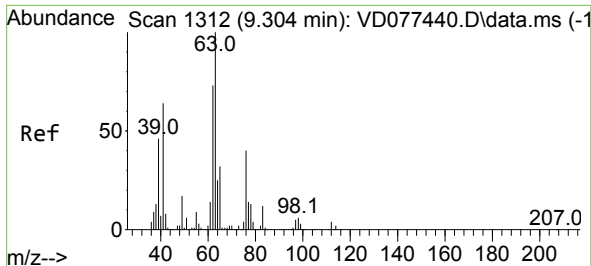
Tgt Ion: 43 Resp: 196958
Ion Ratio Lower Upper
43 100
61 28.0 31.4 47.0#
87 10.8 14.9 22.3#



#44
Trichloroethene
Concen: 46.001 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion:130 Resp: 127221
Ion Ratio Lower Upper
130 100
95 97.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.176 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

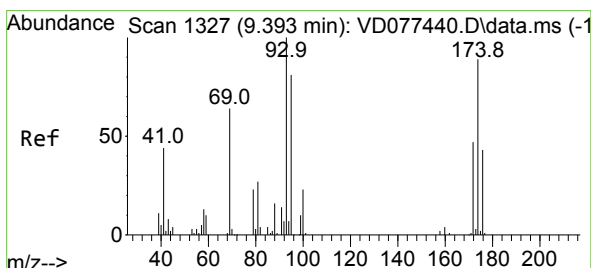
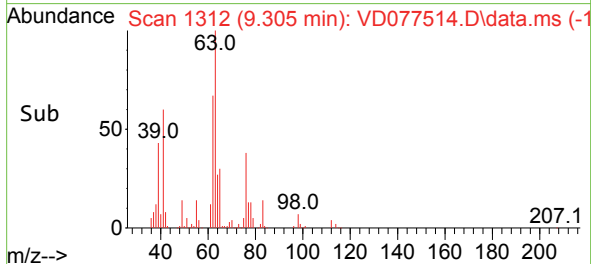
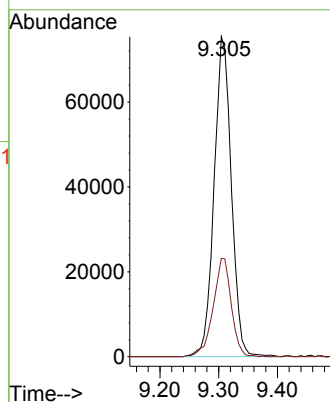
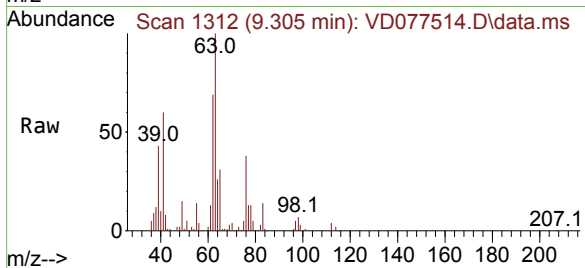
ClientSampleId :

Tgt Ion: 63 Resp: 153484

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 43.732 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

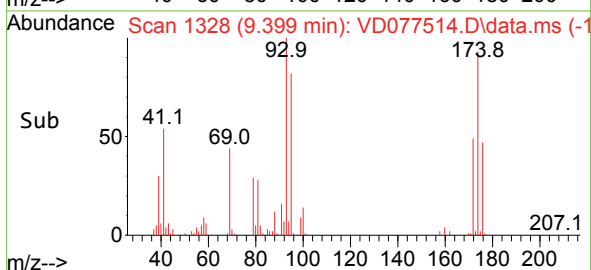
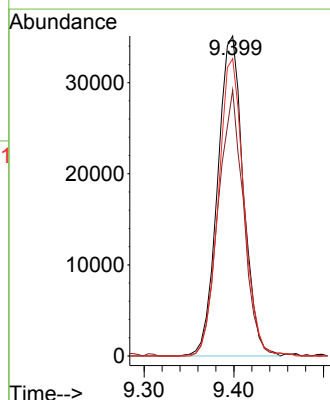
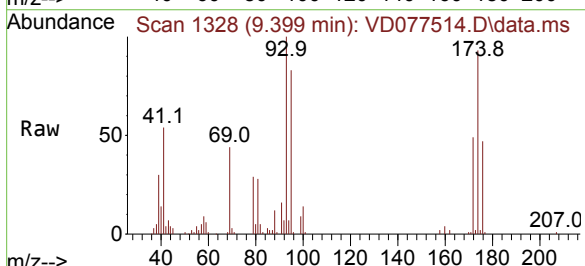
Tgt Ion: 93 Resp: 69954

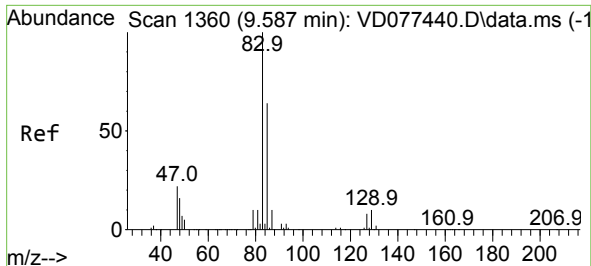
Ion Ratio Lower Upper

93 100

95 81.5 67.7 101.5

174 91.8 85.4 128.2

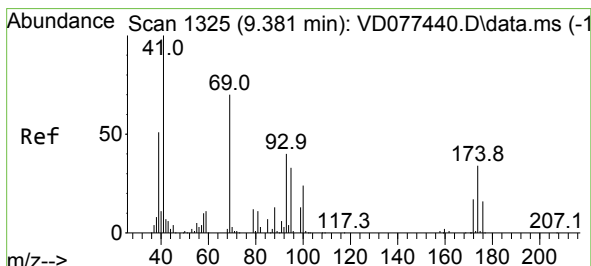
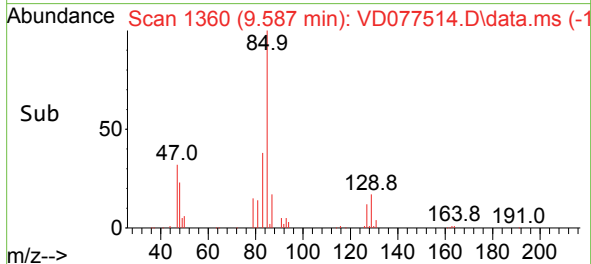
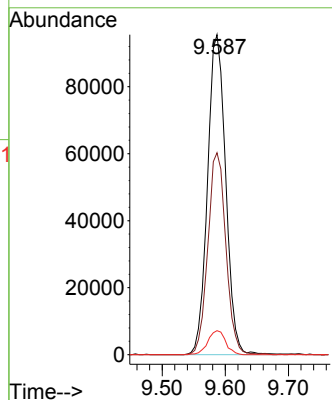
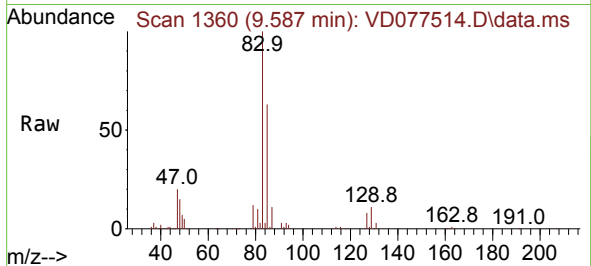




#47
Bromodichloromethane
Concen: 45.161 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

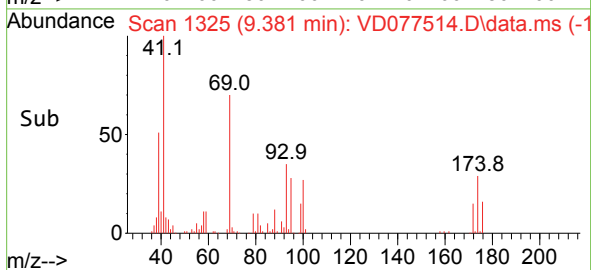
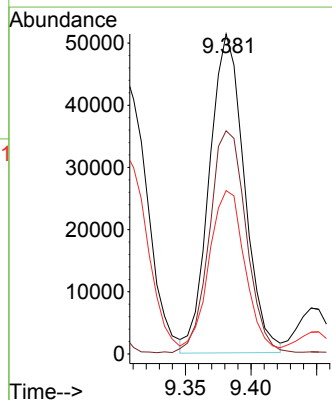
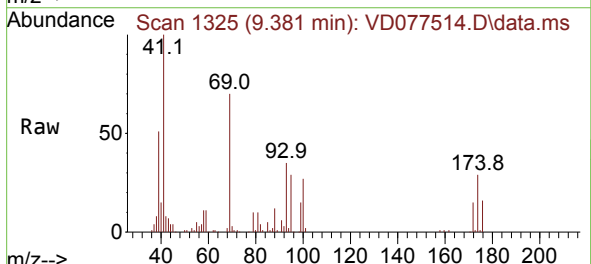
Instrument :
MSVOA_D
ClientSampleId :

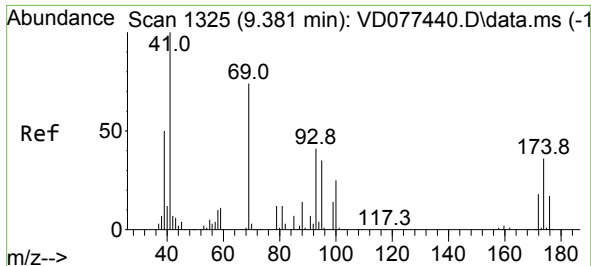
Tgt Ion: 83 Resp: 190939
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 42.494 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 41 Resp: 95114
Ion Ratio Lower Upper
41 100
69 73.1 102.2 153.2#
39 49.5 41.4 62.2





#49

1,4-Dioxane

Concen: 826.489 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.012 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

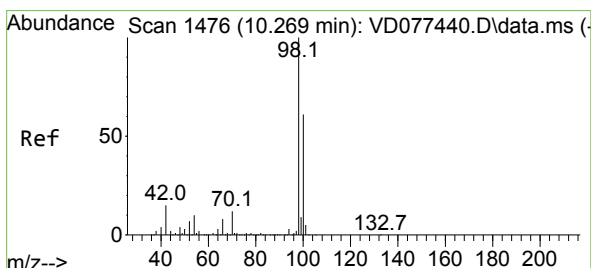
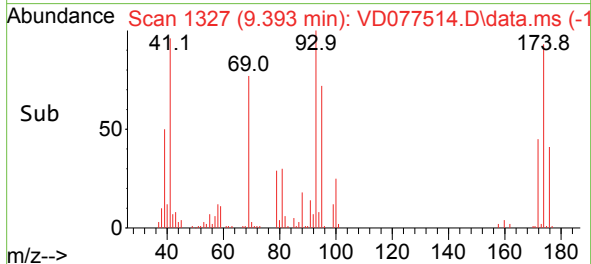
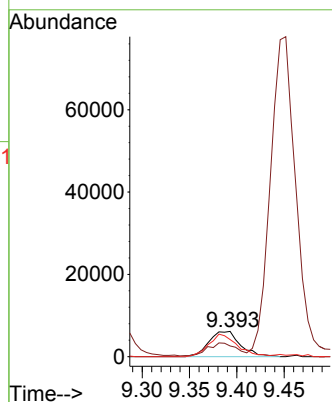
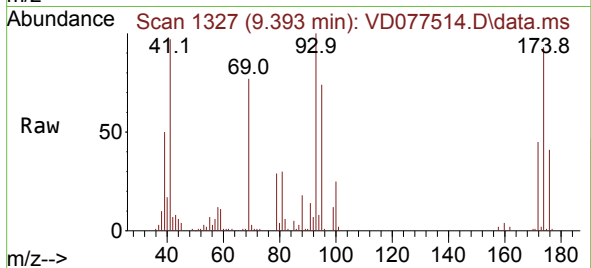
Tgt Ion: 88 Resp: 14206

Ion Ratio Lower Upper

88 100

43 45.1 19.0 28.6#

58 81.3 43.5 65.3#



#50

Toluene-d8

Concen: 53.139 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077514.D

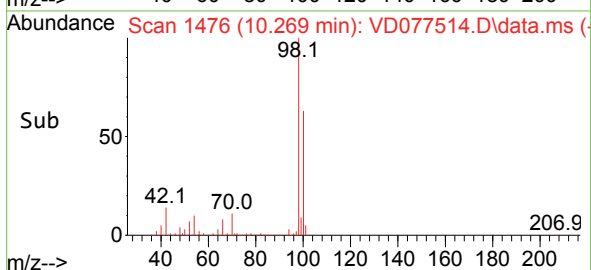
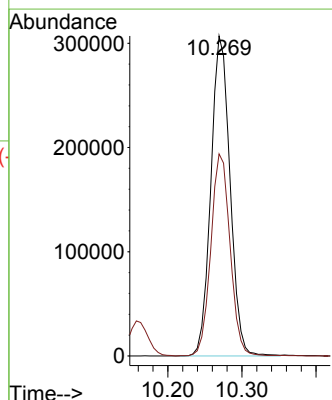
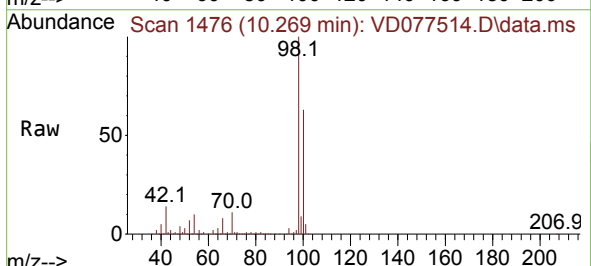
Acq: 08 Nov 2023 09:53

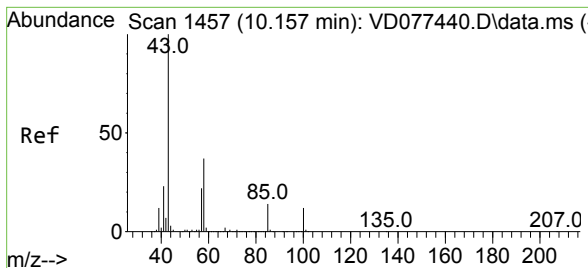
Tgt Ion: 98 Resp: 551201

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

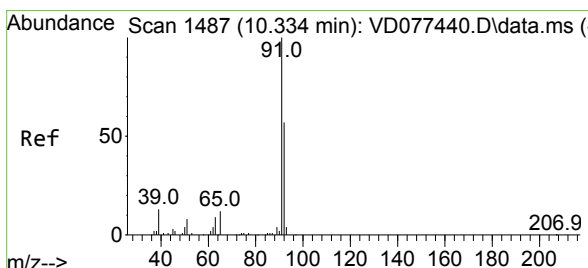
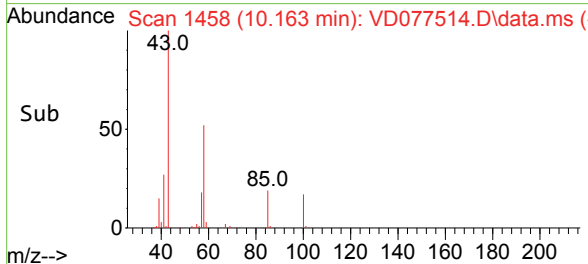
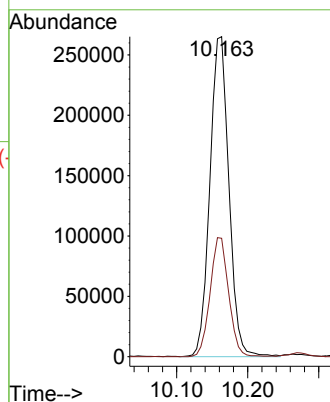
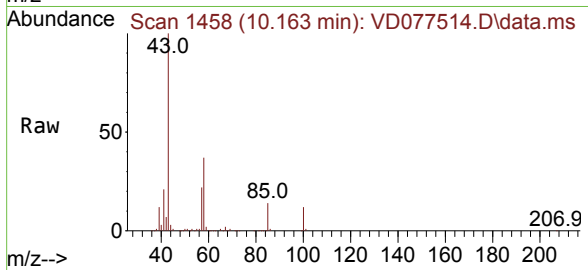




#51
4-Methyl-2-Pentanone
Concen: 213.832 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

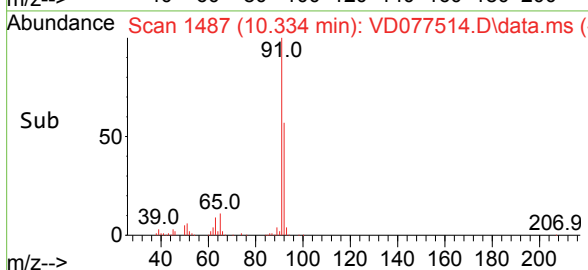
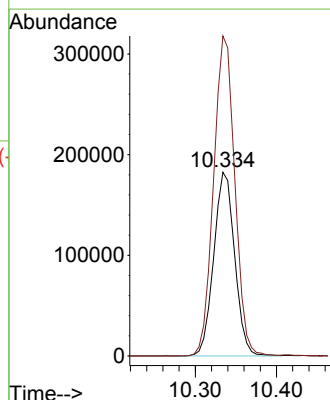
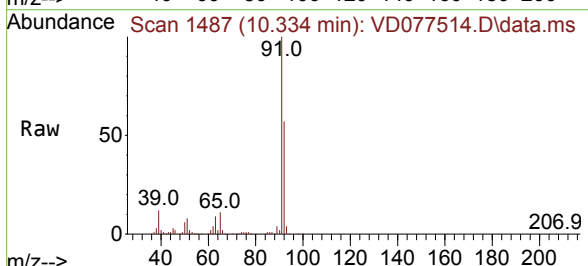
Instrument :
MSVOA_D
ClientSampleId :

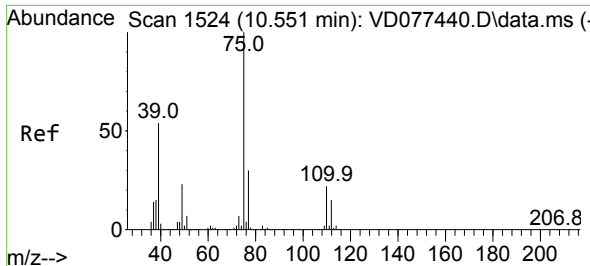
Tgt Ion: 43 Resp: 493529
Ion Ratio Lower Upper
43 100
58 36.2 38.9 58.3#



#52
Toluene
Concen: 47.565 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 92 Resp: 327378
Ion Ratio Lower Upper
92 100
91 176.3 143.0 214.4

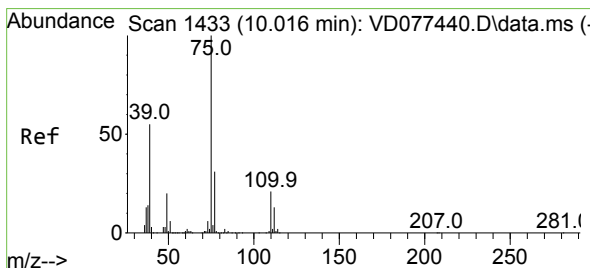
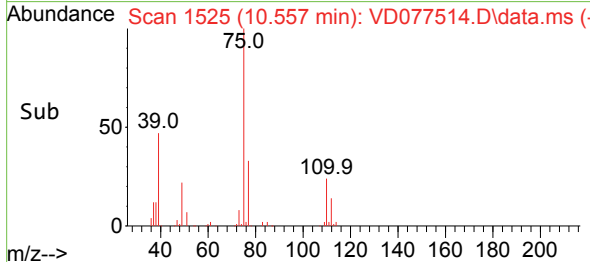
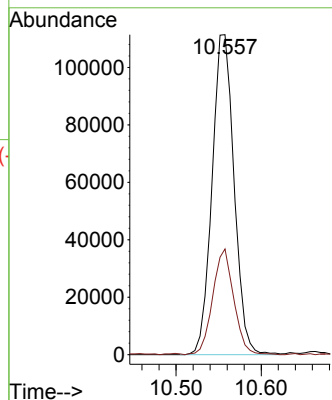
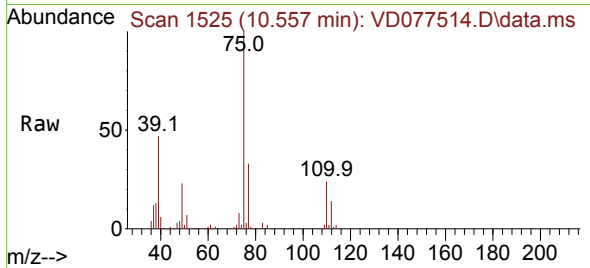




#53
 t-1,3-Dichloropropene
 Concen: 44.770 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

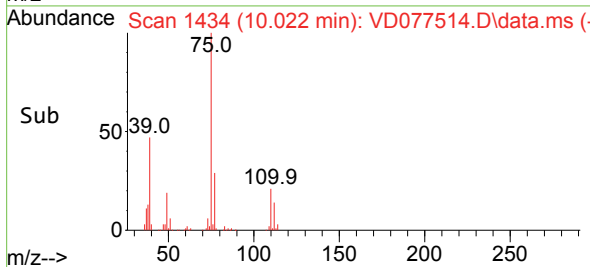
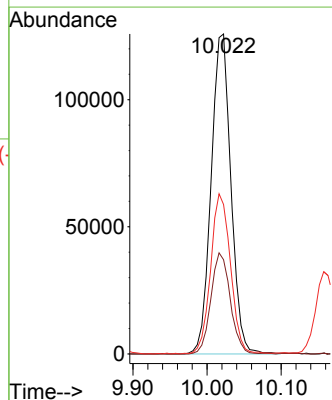
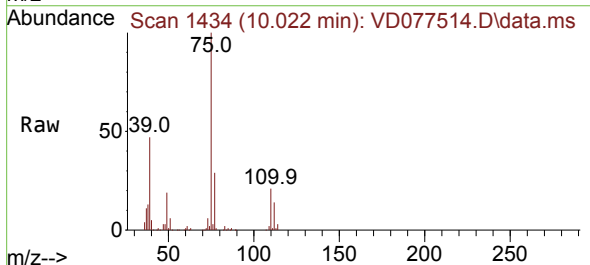
Instrument :
 MSVOA_D
 ClientSampleId :

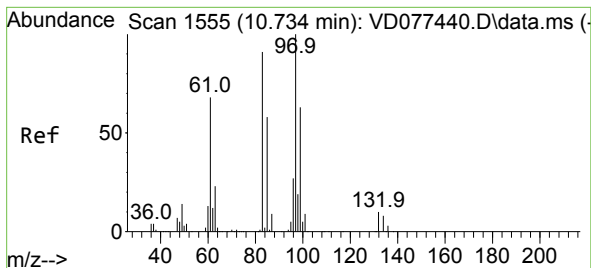
Tgt Ion: 75 Resp: 200433
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 45.258 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

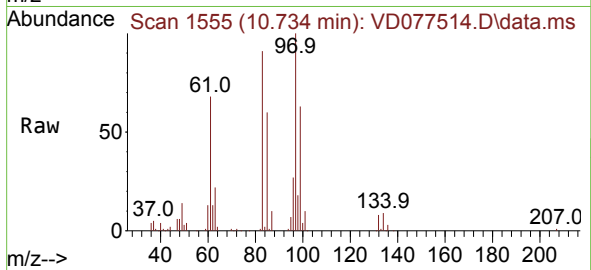
Tgt Ion: 75 Resp: 233170
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.5 38.3
 39 46.7 22.1 33.1#



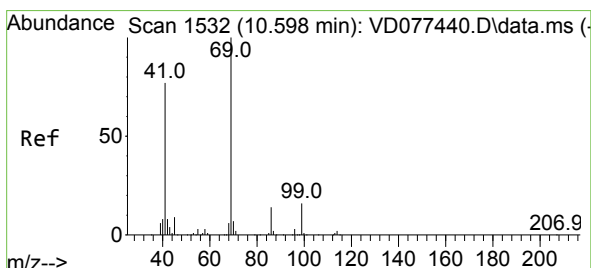
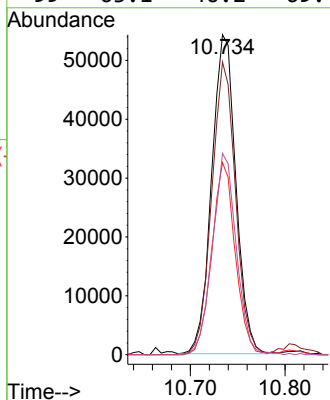
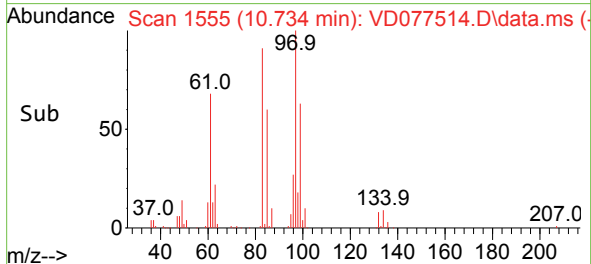


#55
1,1,2-Trichloroethane
Concen: 45.081 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

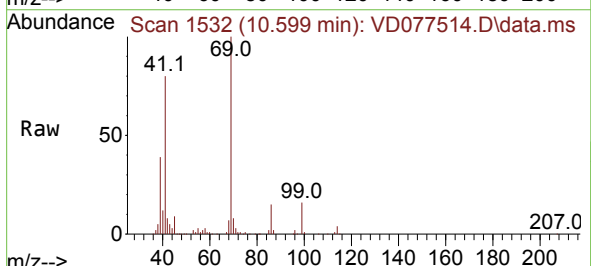
Instrument :
MSVOA_D
ClientSampleId :



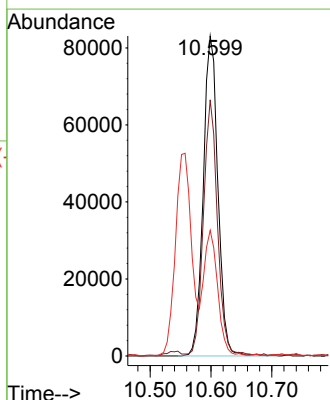
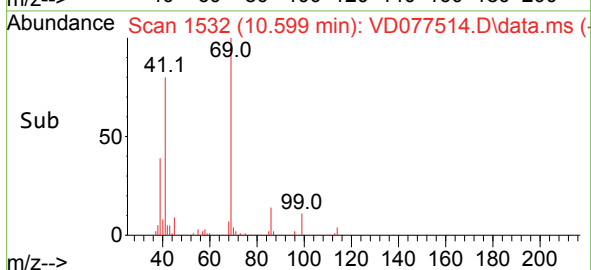
Tgt Ion:	97	Resp:	96210
Ion	Ratio	Lower	Upper
97	100		
83	91.7	65.8	98.6
85	60.2	45.7	68.5
99	63.1	46.2	69.4

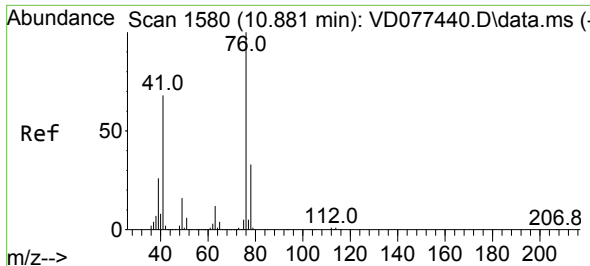


#56
Ethyl methacrylate
Concen: 43.837 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53



Tgt Ion:	69	Resp:	139100
Ion	Ratio	Lower	Upper
69	100		
41	75.7	39.1	58.7#
39	36.3	20.0	30.0#

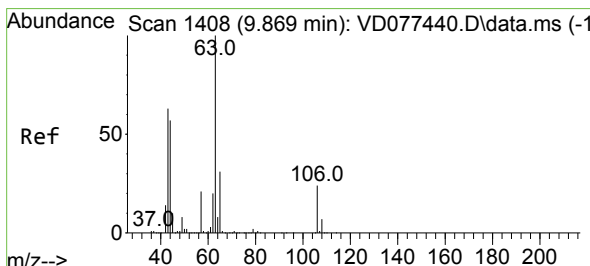
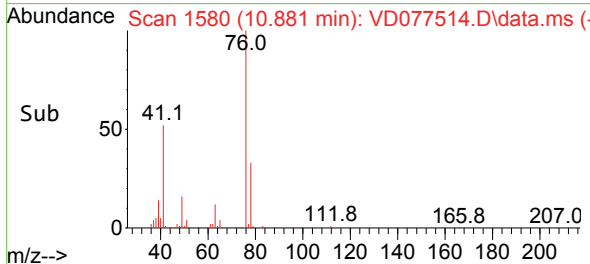
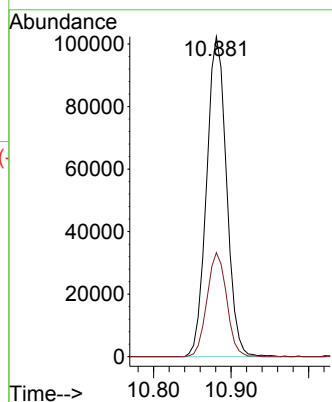
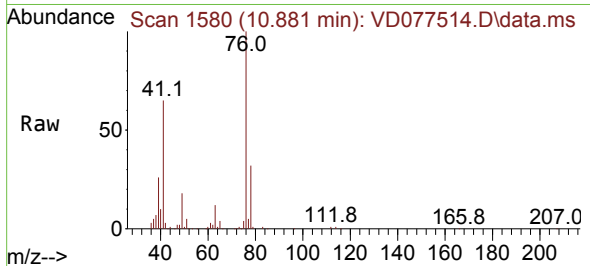




#57
1,3-Dichloropropane
Concen: 45.813 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

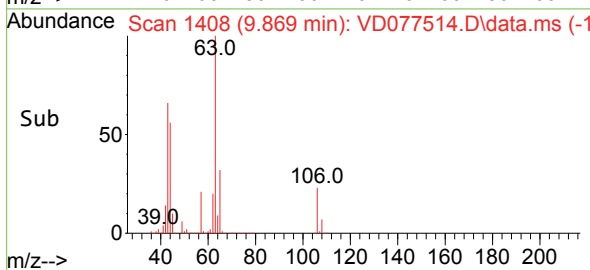
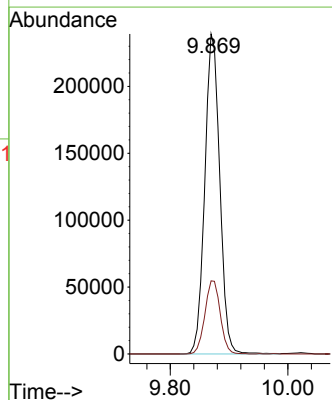
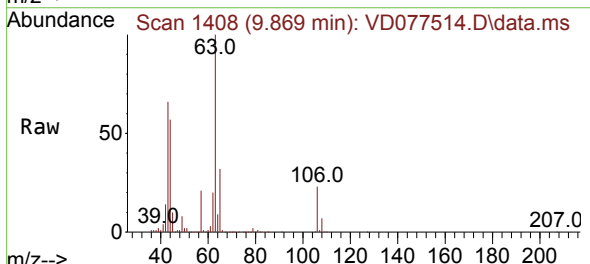
Instrument :
MSVOA_D
ClientSampleId :

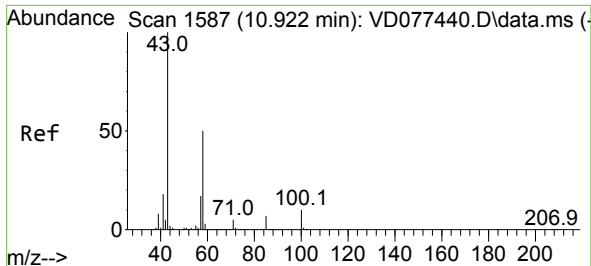
Tgt Ion: 76 Resp: 182749
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 266.388 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 63 Resp: 423173
Ion Ratio Lower Upper
63 100
106 23.4 25.3 37.9#

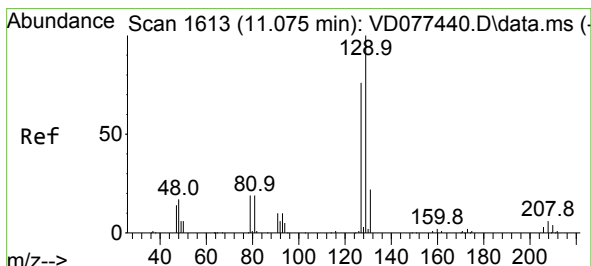
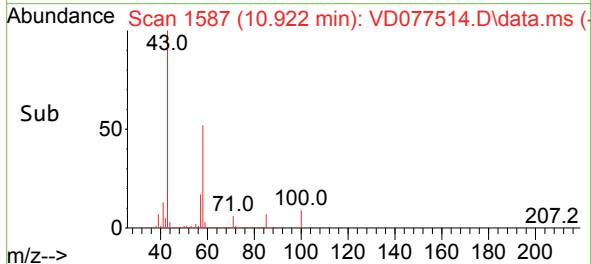
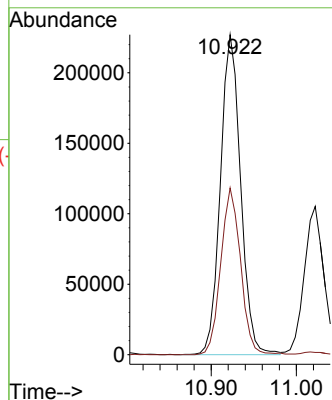
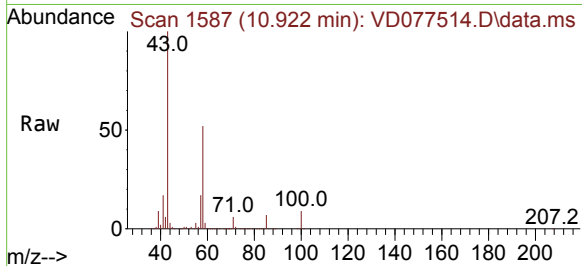




#59
2-Hexanone
Concen: 220.907 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

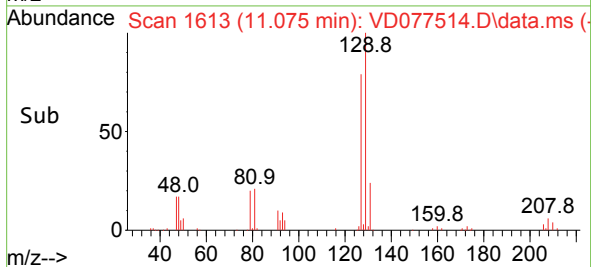
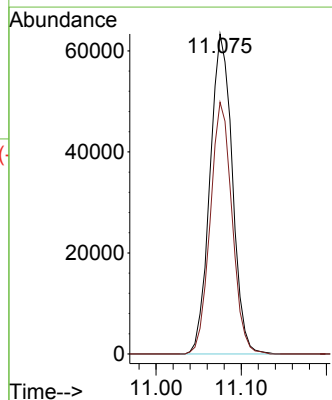
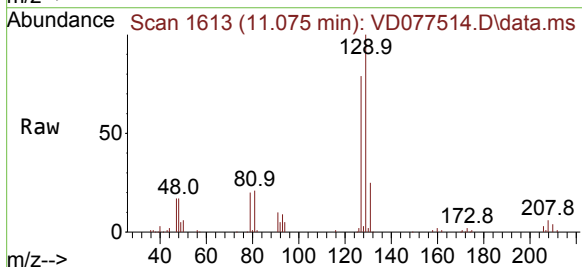
Instrument :
MSVOA_D
ClientSampleId :

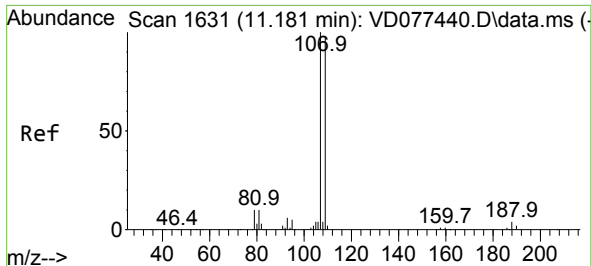
Tgt Ion: 43 Resp: 375597
Ion Ratio Lower Upper
43 100
58 51.0 34.1 102.2



#60
Dibromochloromethane
Concen: 45.031 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion:129 Resp: 115561
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5

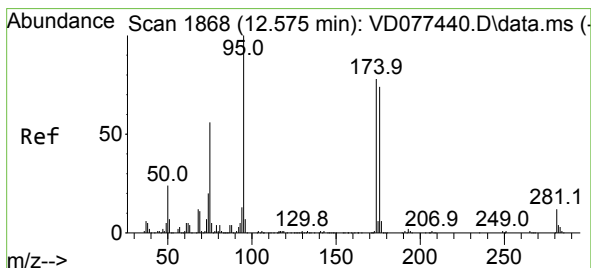
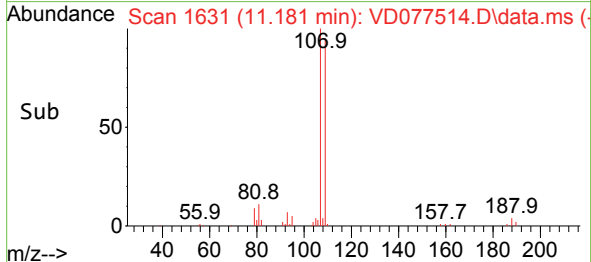
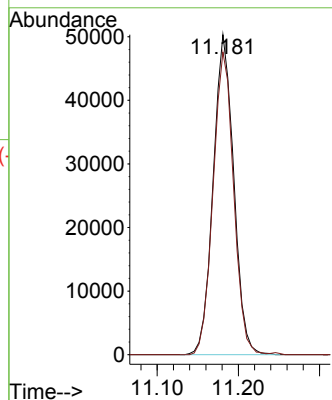
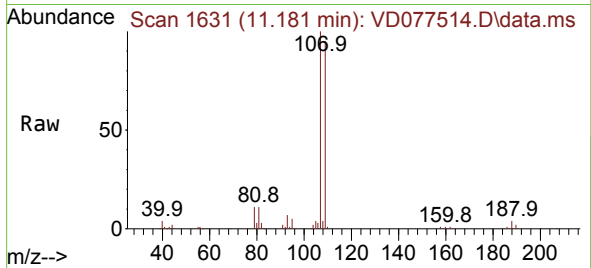




#61
1,2-Dibromoethane
Concen: 43.766 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

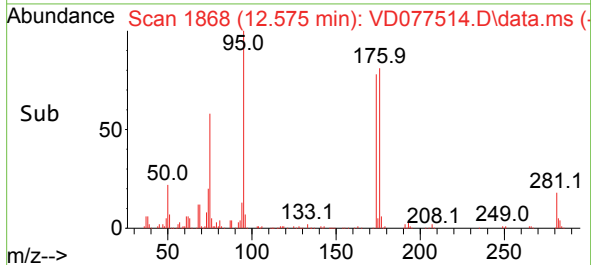
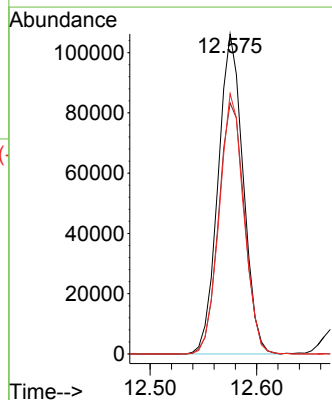
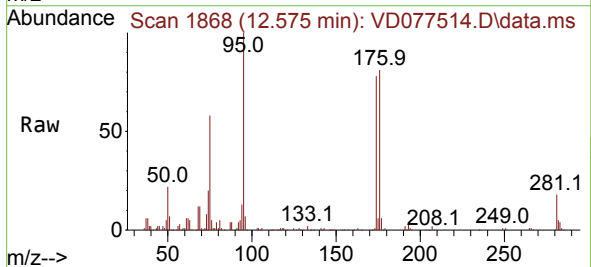
Instrument :
MSVOA_D
ClientSampleId :

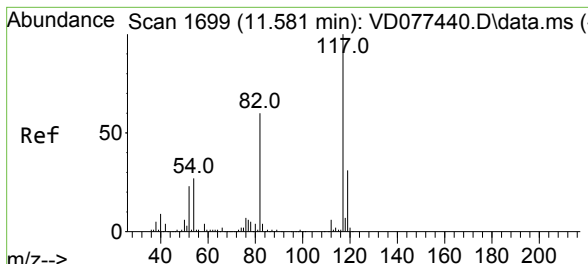
Tgt Ion:107 Resp: 88452
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.620 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 95 Resp: 173352
Ion Ratio Lower Upper
95 100
174 80.5 0.0 201.8
176 79.8 0.0 191.8

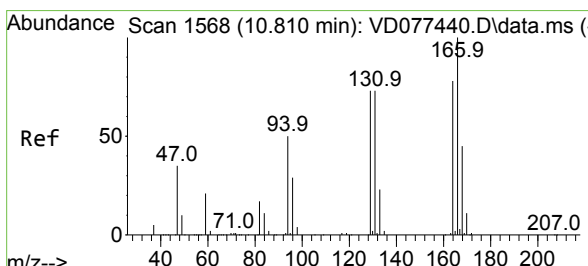
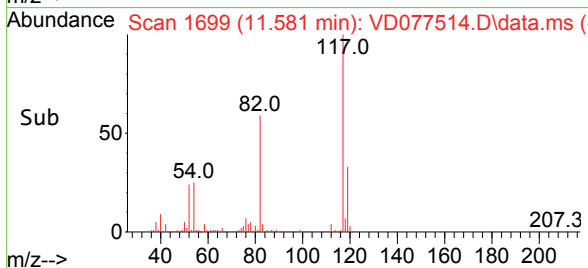
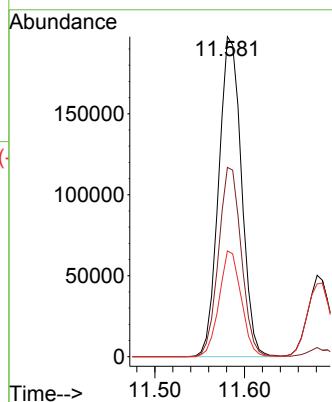
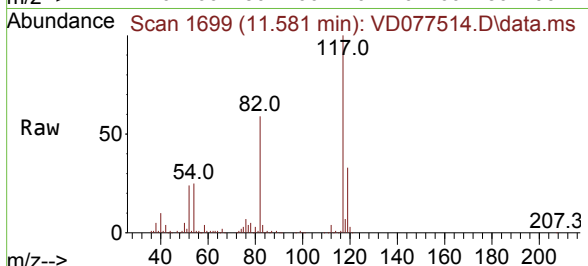




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

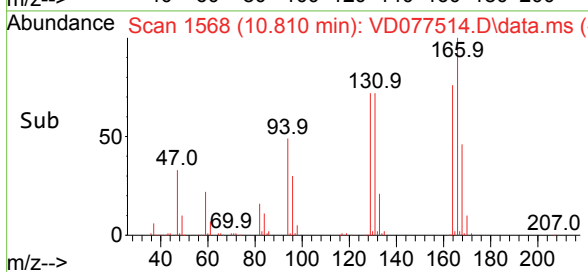
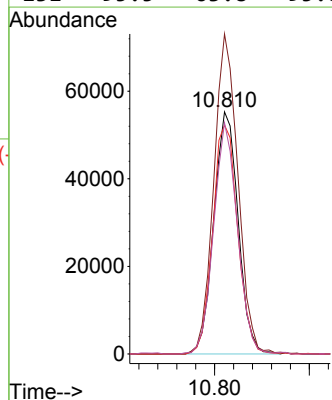
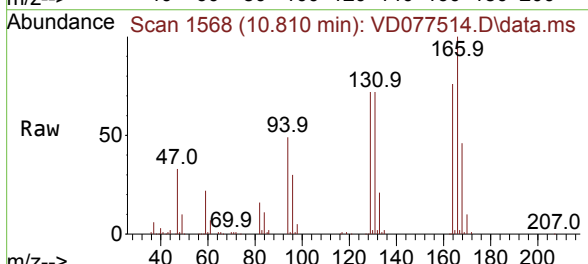
Instrument :
MSVOA_D
ClientSampleId :

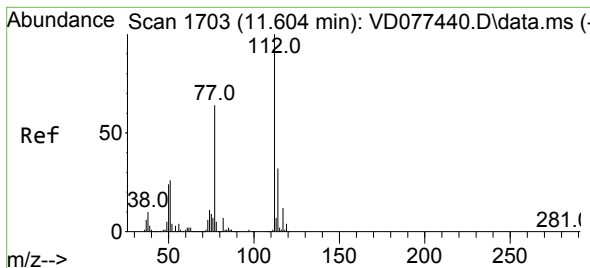
Tgt Ion:117 Resp: 348515
Ion Ratio Lower Upper
117 100
82 59.1 38.3 57.5#
119 33.0 25.0 37.4



#64
Tetrachloroethene
Concen: 44.419 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion:164 Resp: 98560
Ion Ratio Lower Upper
164 100
166 132.2 99.2 148.8
129 94.6 68.4 102.6
131 95.5 63.8 95.8





#65

Chlorobenzene

Concen: 46.603 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

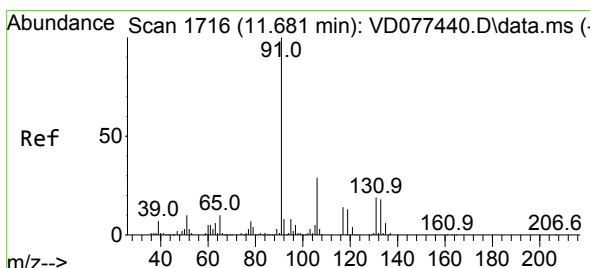
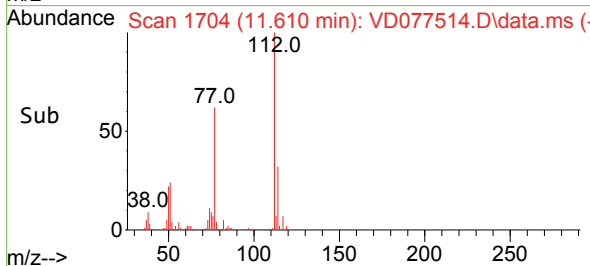
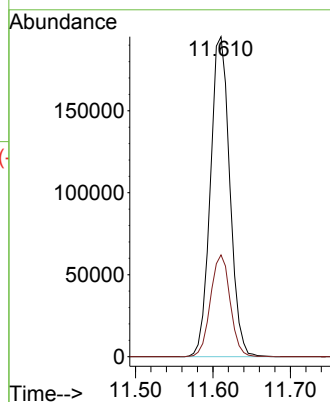
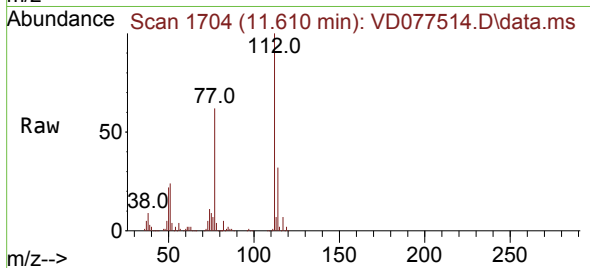
ClientSampleId :

Tgt Ion:112 Resp: 340265

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 44.657 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

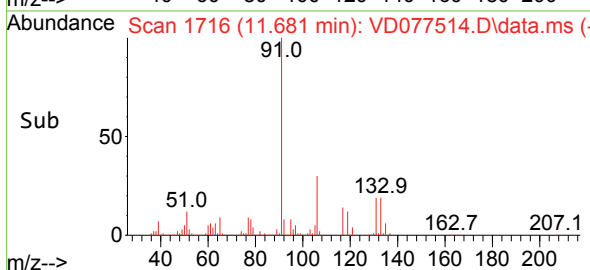
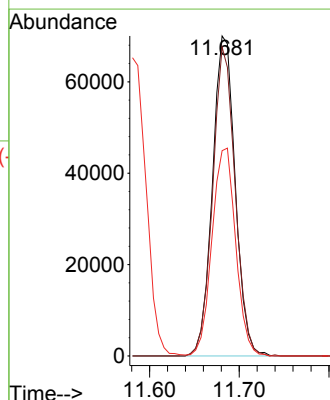
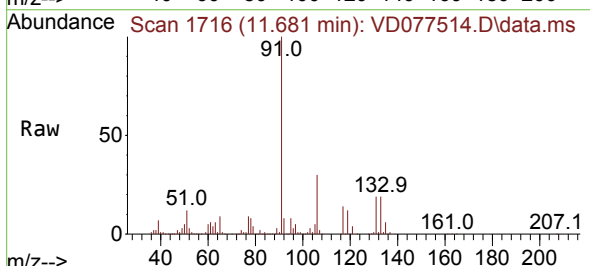
Tgt Ion:131 Resp: 123214

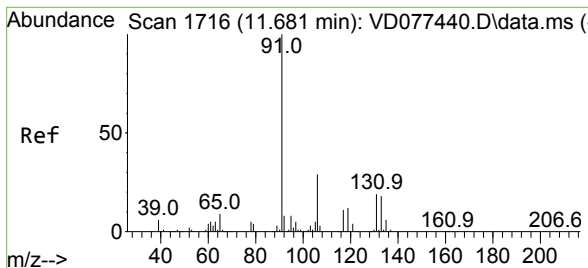
Ion Ratio Lower Upper

131 100

133 95.3 48.5 145.5

119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 46.539 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

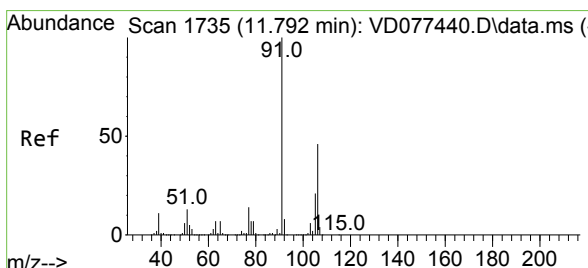
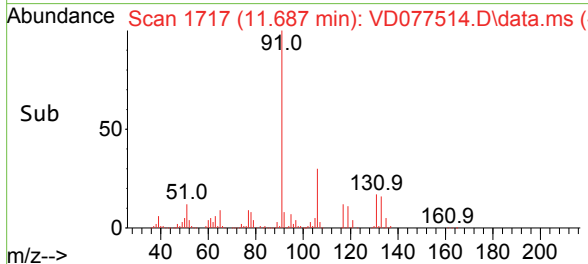
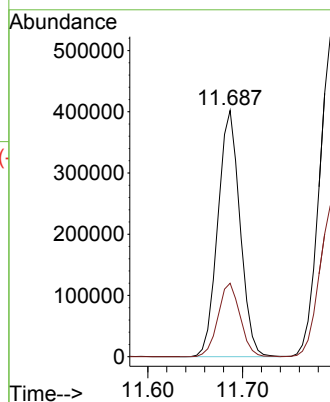
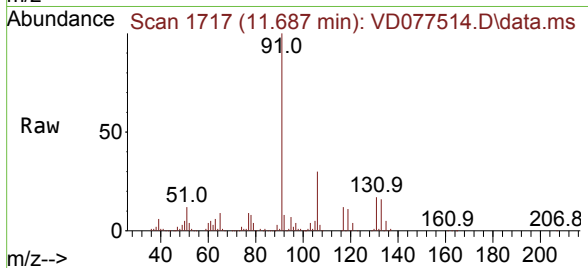
ClientSampleId :

Tgt Ion: 91 Resp: 653813

Ion Ratio Lower Upper

91 100

106 29.8 26.5 39.7



#68

m/p-Xylenes

Concen: 93.841 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077514.D

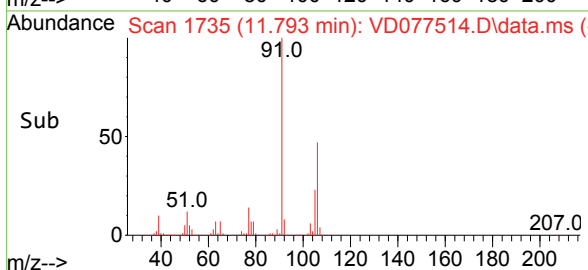
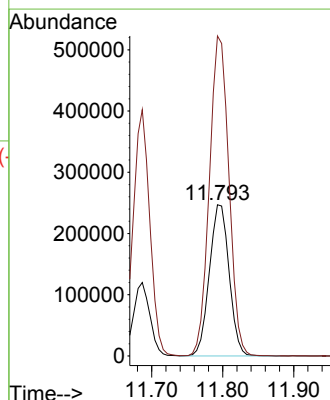
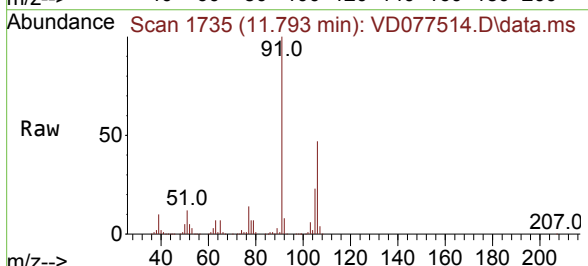
Acq: 08 Nov 2023 09:53

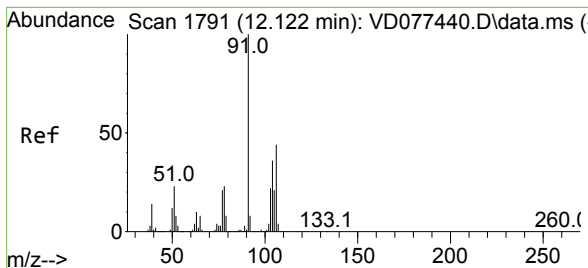
Tgt Ion:106 Resp: 476063

Ion Ratio Lower Upper

106 100

91 209.6 147.0 220.6

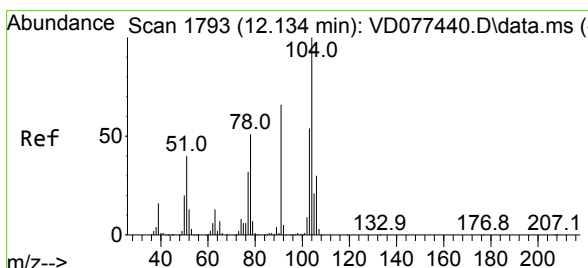
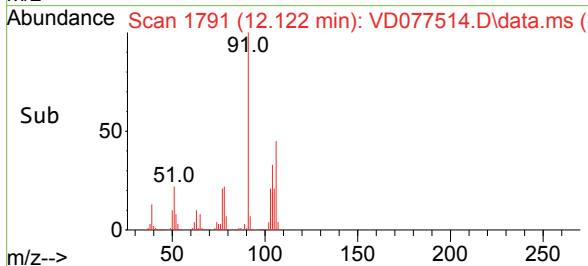
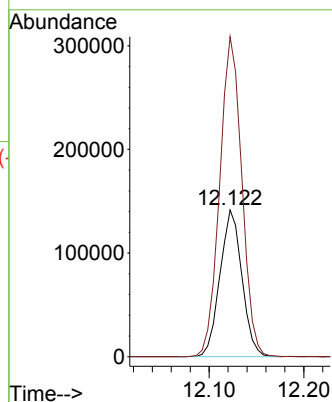
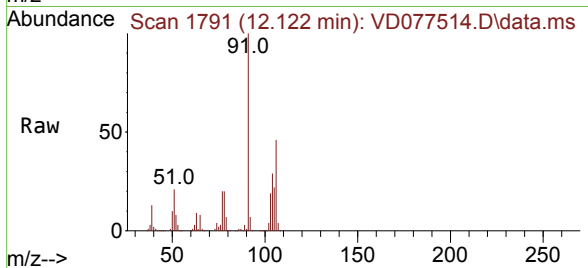




#69
o-Xylene
Concen: 46.970 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

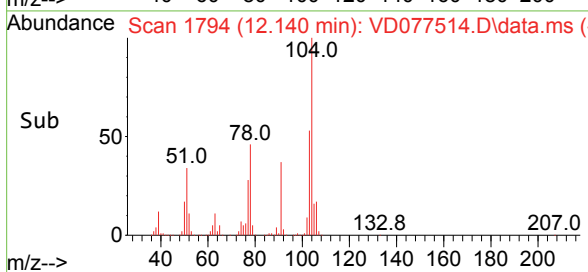
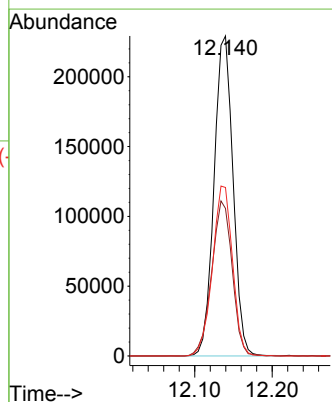
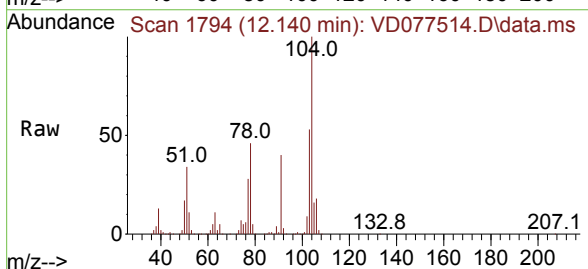
Instrument :
MSVOA_D
ClientSampleId :

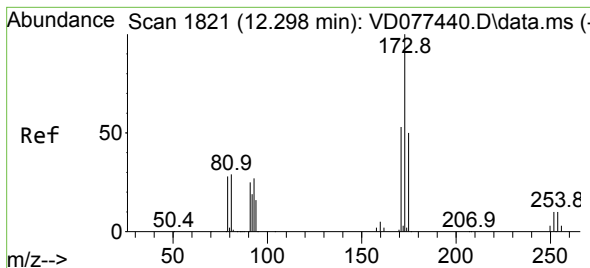
Tgt Ion:106 Resp: 228241
Ion Ratio Lower Upper
106 100
91 220.2 97.9 293.6



#70
Styrene
Concen: 46.608 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion:104 Resp: 390706
Ion Ratio Lower Upper
104 100
78 52.3 33.2 49.8#
103 56.1 43.6 65.4





#71

Bromoform

Concen: 43.650 ug/l

RT: 12.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077514.D

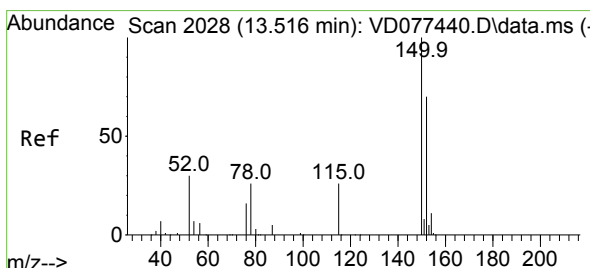
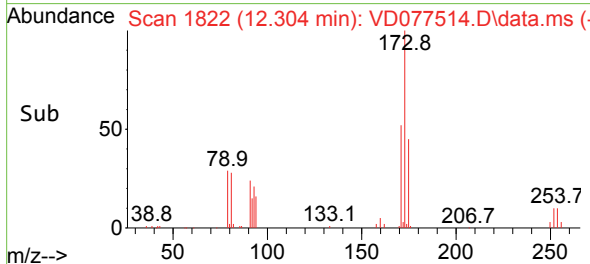
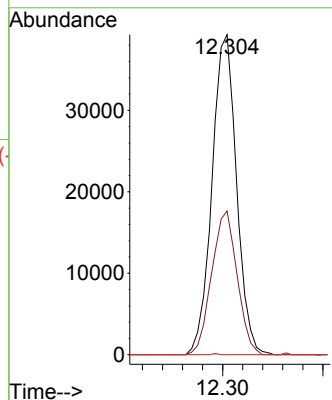
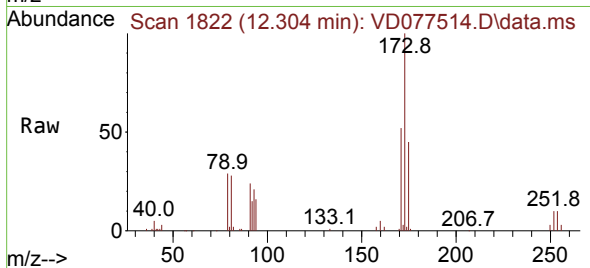
Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173 Resp: 66770
 Ion Ratio Lower Upper
 173 100
 175 46.6 24.6 73.8
 254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

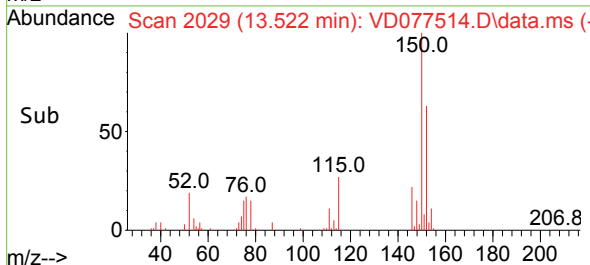
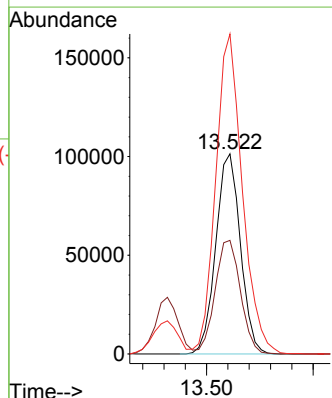
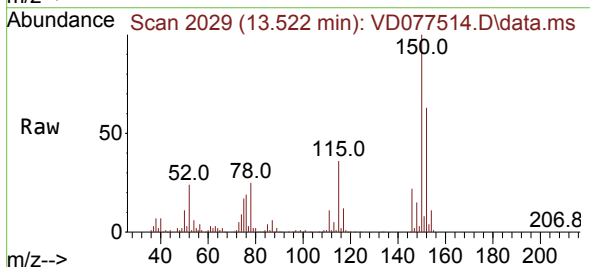
RT: 13.522 min Scan# 2029

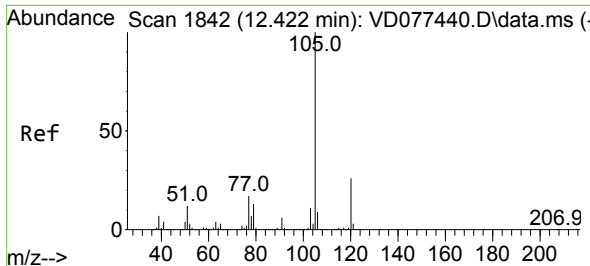
Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Tgt Ion:152 Resp: 162410
 Ion Ratio Lower Upper
 152 100
 115 58.8 27.1 81.3
 150 173.5 0.0 353.6

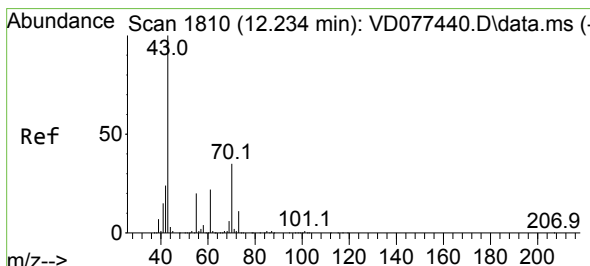
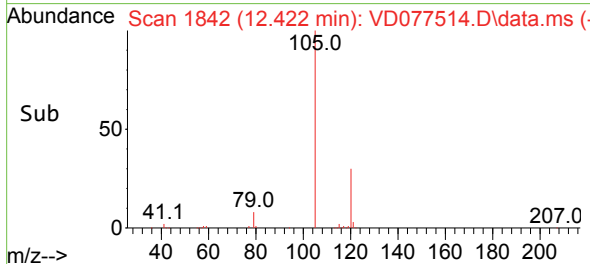
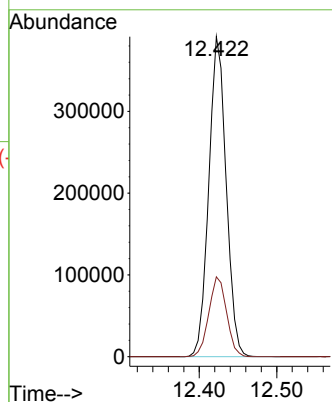
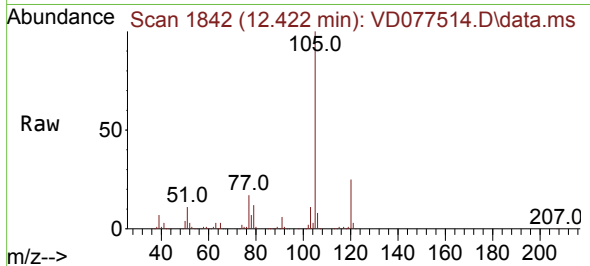




#73
Isopropylbenzene
Concen: 45.941 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

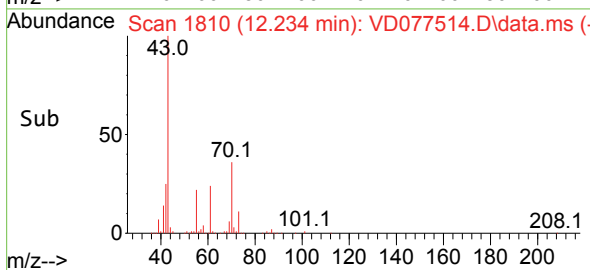
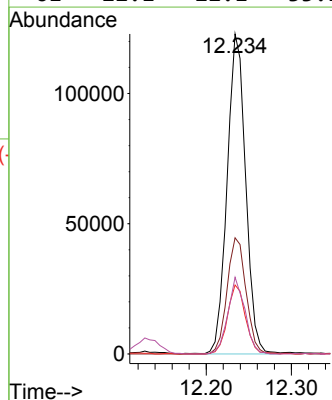
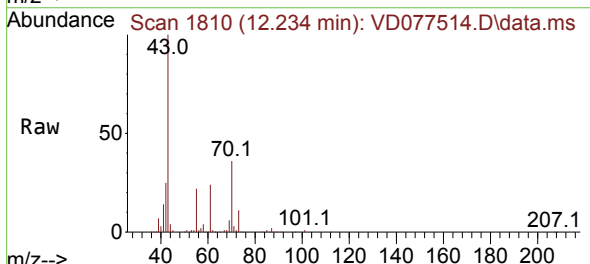
Instrument :
MSVOA_D
ClientSampleId :

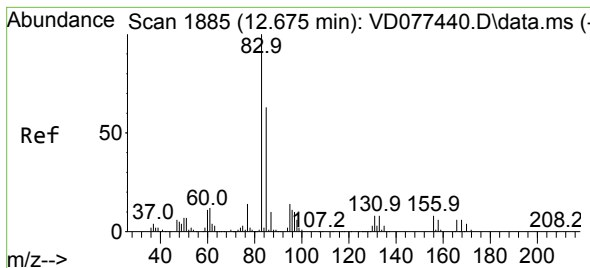
Tgt Ion:105 Resp: 608322
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9



#74
N-ethyl acetate
Concen: 39.607 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 43 Resp: 185763
Ion Ratio Lower Upper
43 100
70 37.2 45.0 67.4#
55 21.0 23.8 35.6#
61 22.1 22.1 33.1

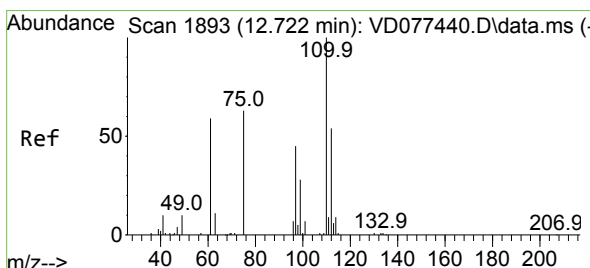
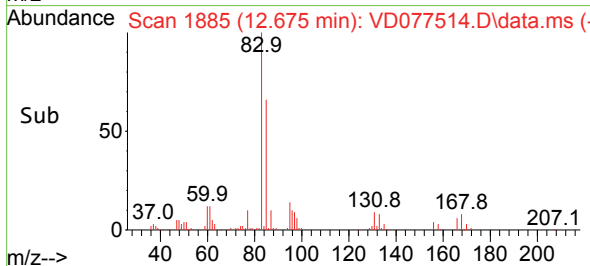
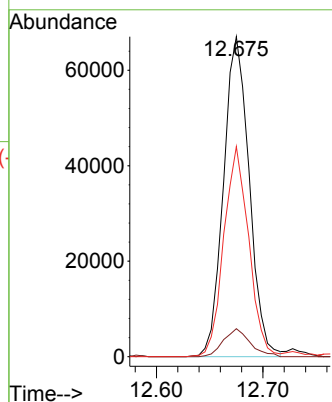
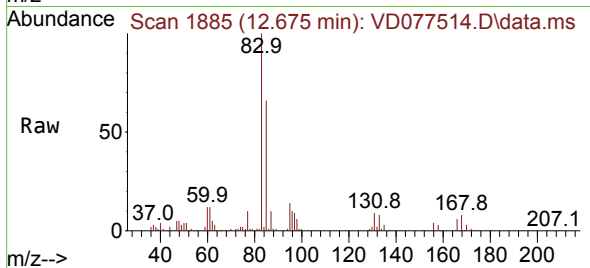




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.287 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

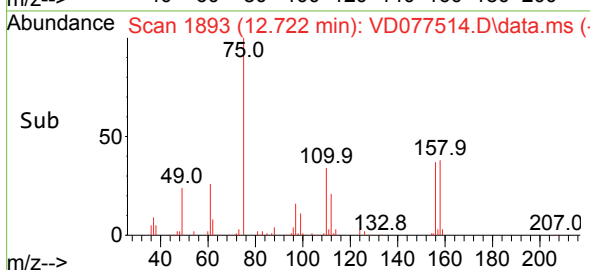
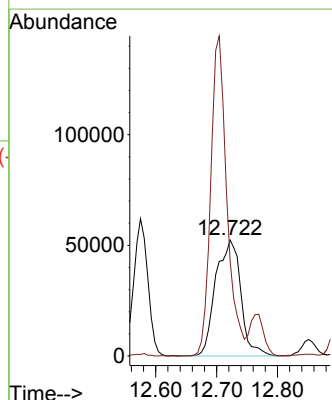
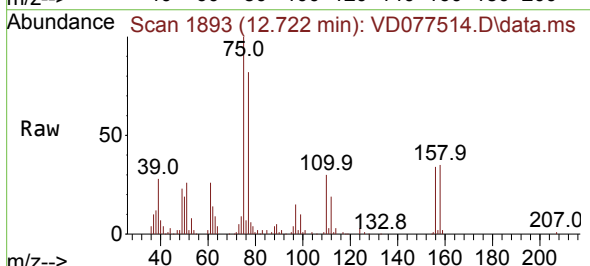
Instrument :
 MSVOA_D
 ClientSampleId :

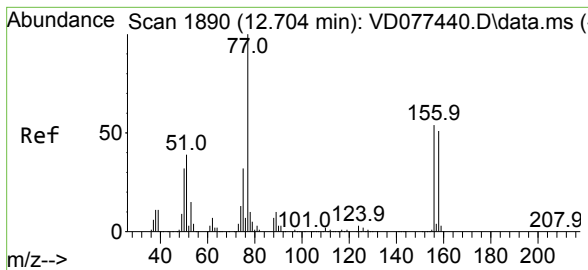
Tgt Ion: 83 Resp: 112357
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.1 15.3
 85 63.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 75.955 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Tgt Ion: 75 Resp: 150139
 Ion Ratio Lower Upper
 75 100
 77 177.9 0.0 0.0#

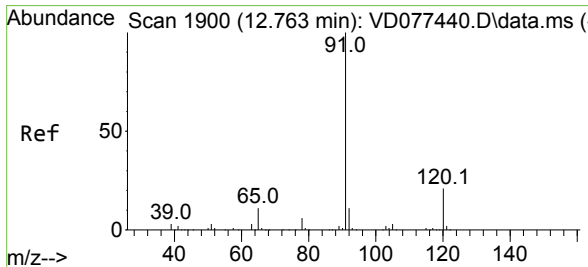
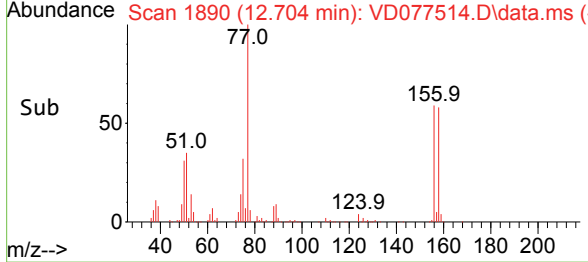
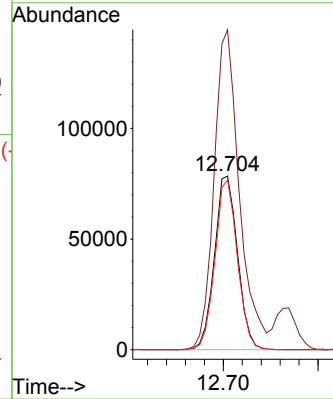
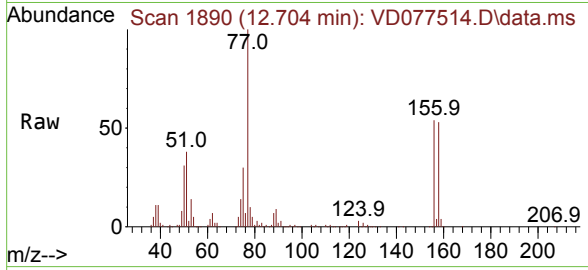




#77
Bromobenzene
Concen: 45.520 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

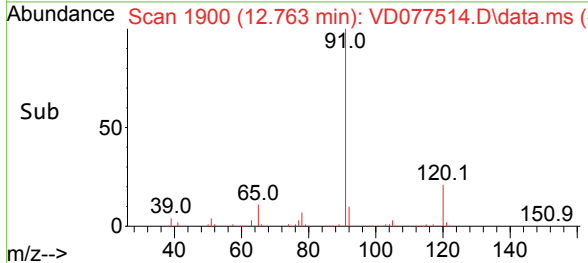
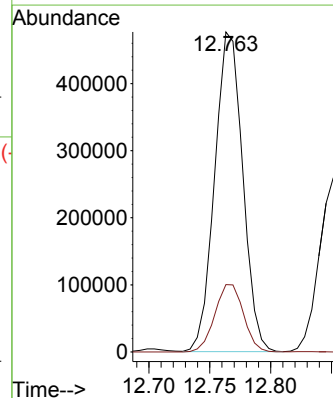
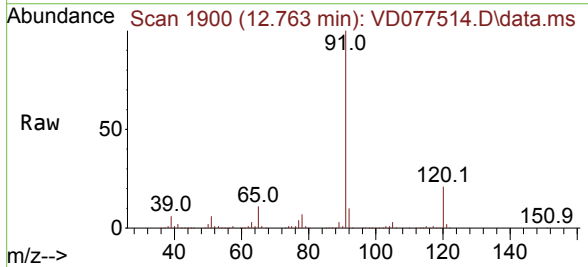
Instrument :
MSVOA_D
ClientSampleId :

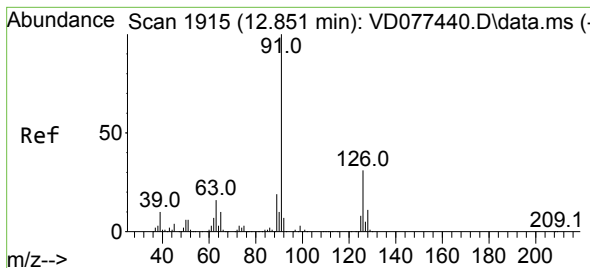
Tgt Ion:156 Resp: 132674
Ion Ratio Lower Upper
156 100
77 201.4 76.8 230.4
158 94.9 48.6 145.9



#78
n-propylbenzene
Concen: 45.438 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 91 Resp: 763958
Ion Ratio Lower Upper
91 100
120 21.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 44.310 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

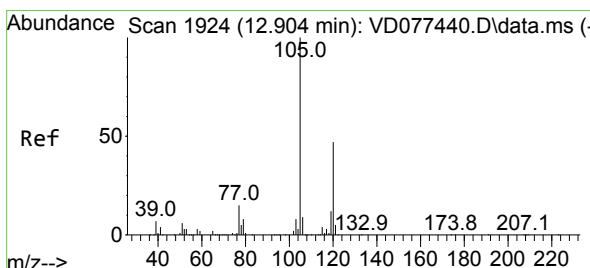
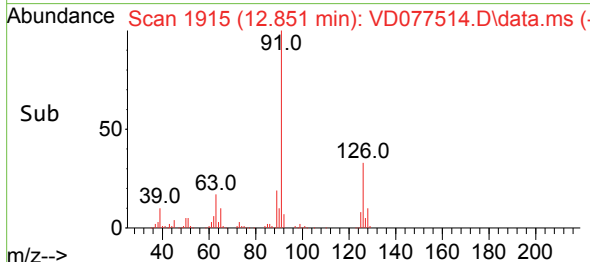
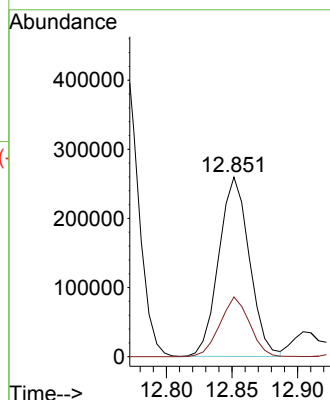
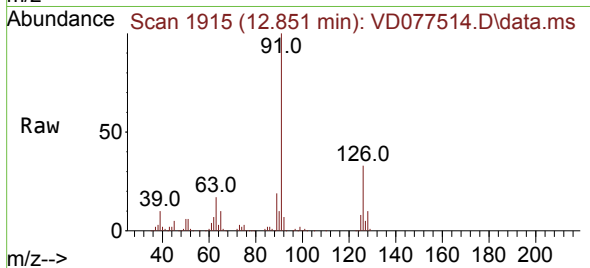
ClientSampleId :

Tgt Ion: 91 Resp: 421812

Ion Ratio Lower Upper

91 100

126 32.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 45.301 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077514.D

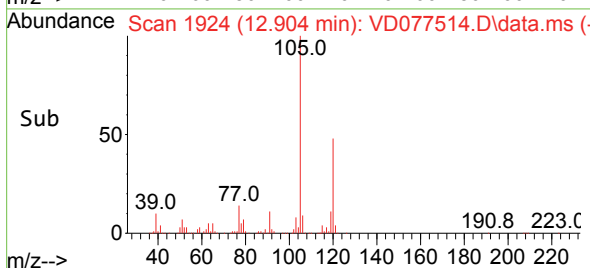
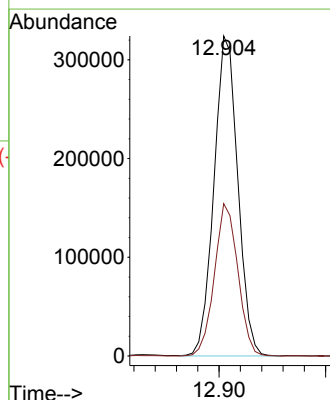
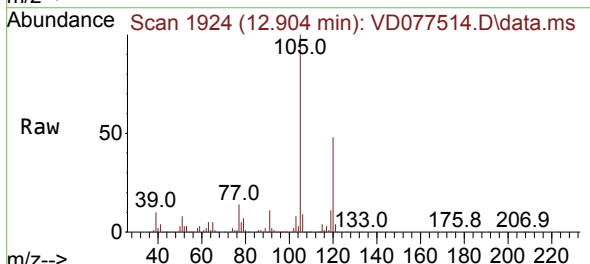
Acq: 08 Nov 2023 09:53

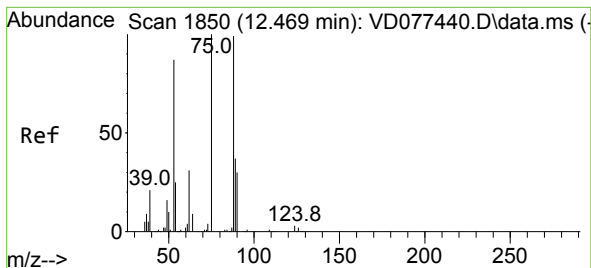
Tgt Ion:105 Resp: 503330

Ion Ratio Lower Upper

105 100

120 46.8 26.4 79.2

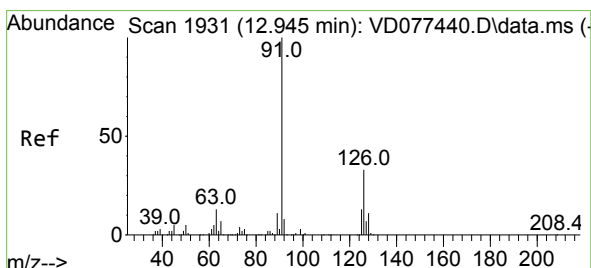
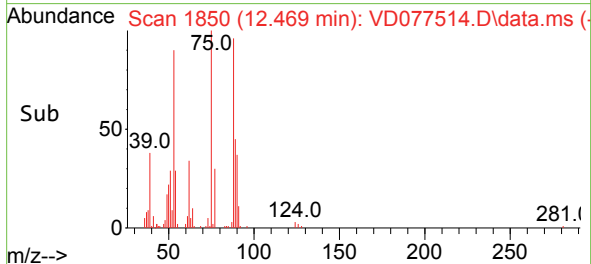
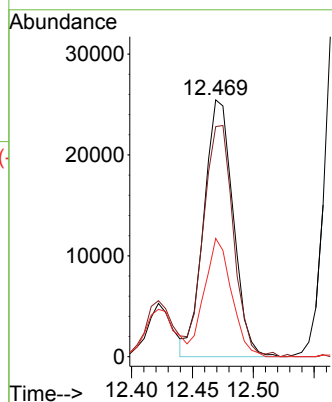
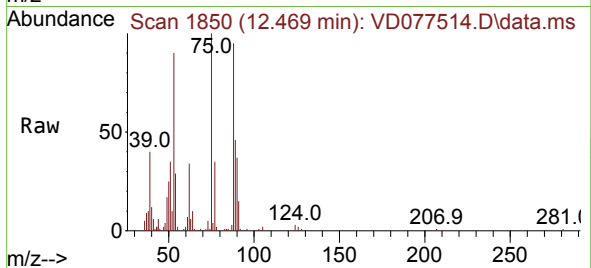




#81
trans-1,4-Dichloro-2-butene
Concen: 41.708 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

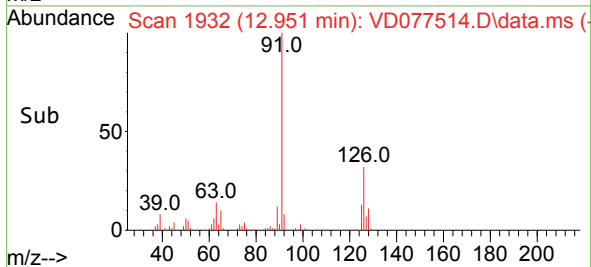
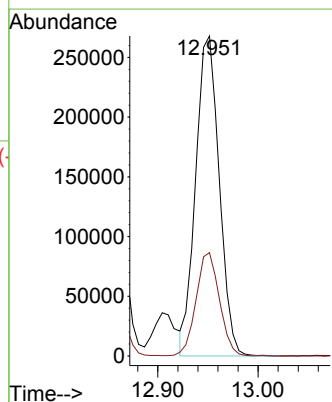
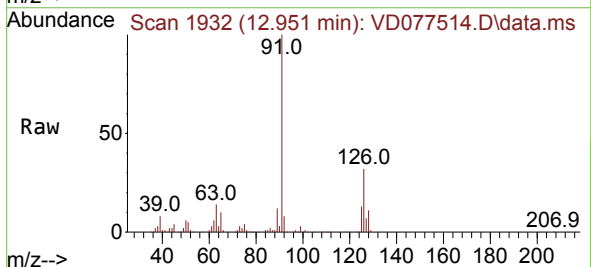
Instrument :
MSVOA_D
ClientSampleId :

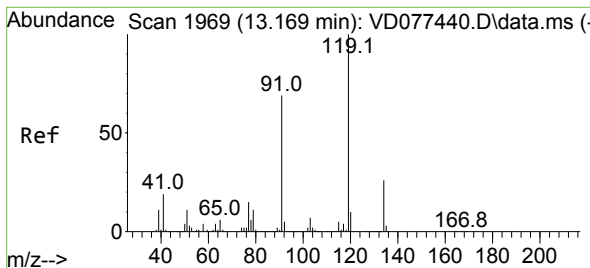
Tgt Ion: 75 Resp: 42681
Ion Ratio Lower Upper
75 100
53 91.0 63.0 94.4
89 42.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 44.177 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion: 91 Resp: 438056
Ion Ratio Lower Upper
91 100
126 32.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 45.454 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

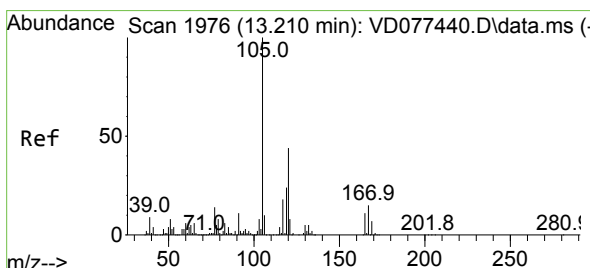
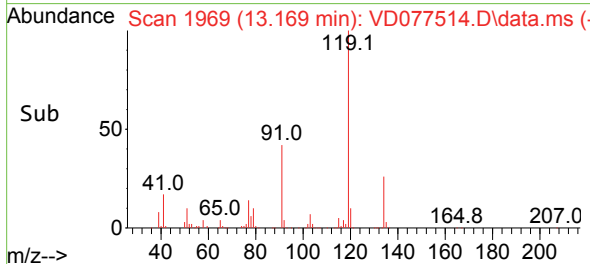
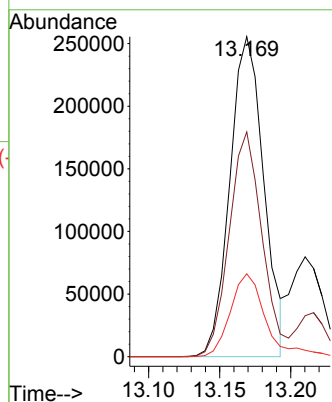
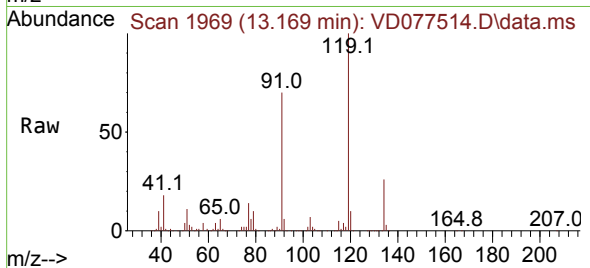
Tgt Ion:119 Resp: 424603

Ion Ratio Lower Upper

119 100

91 68.5 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 45.645 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077514.D

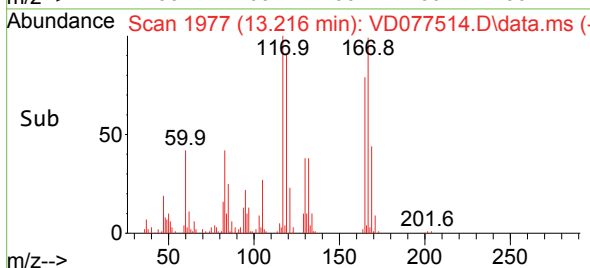
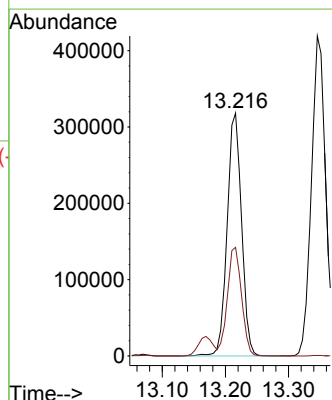
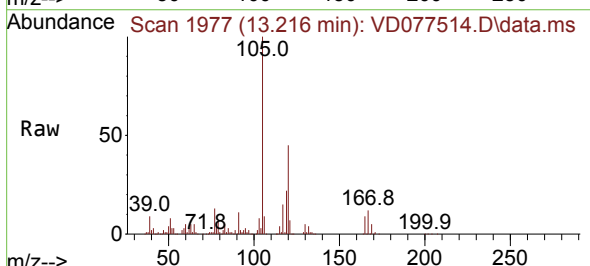
Acq: 08 Nov 2023 09:53

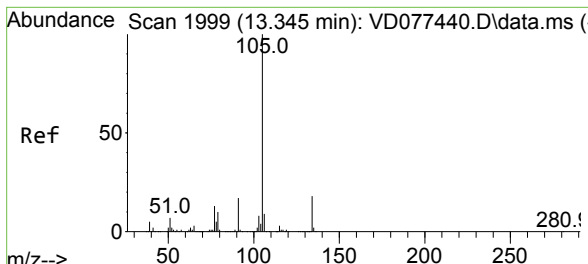
Tgt Ion:105 Resp: 503786

Ion Ratio Lower Upper

105 100

120 44.0 24.3 72.9

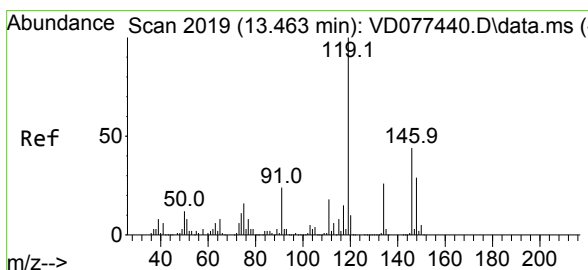
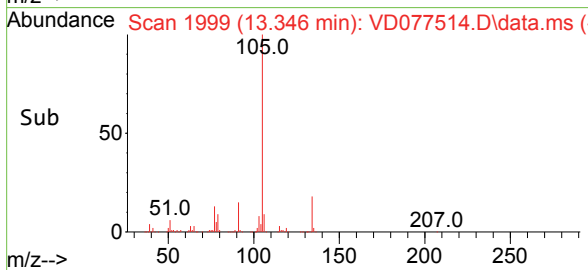
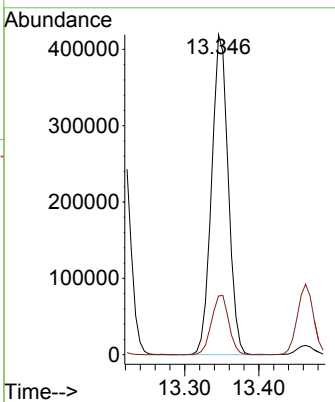
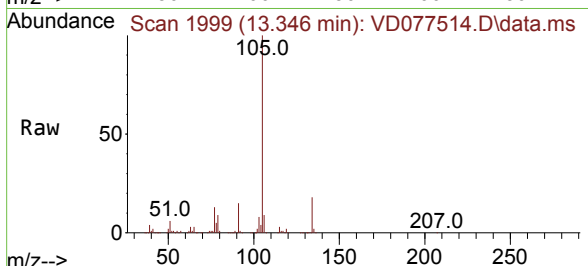




#85
 sec-Butylbenzene
 Concen: 45.726 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

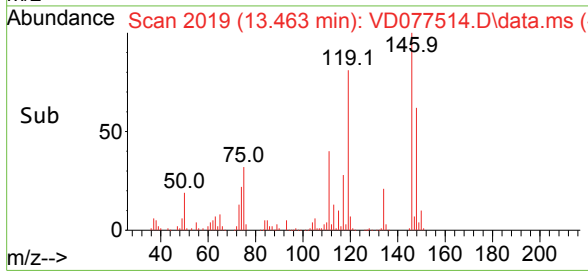
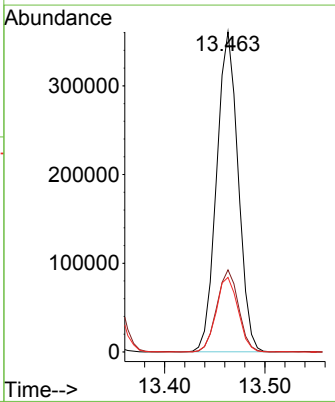
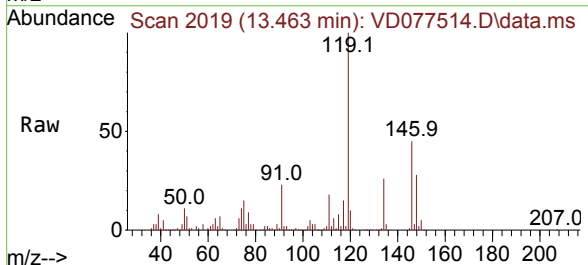
Instrument :
 MSVOA_D
 ClientSampleId :

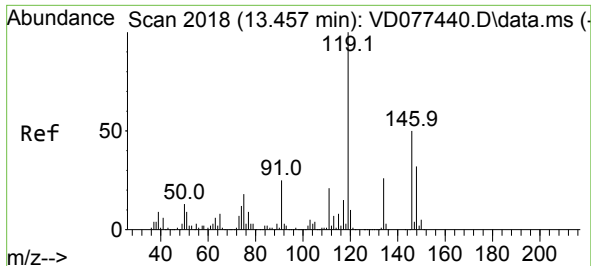
Tgt Ion:	105	Resp:	653563
Ion	Ratio	Lower	Upper
105	100		
134	19.3	10.9	32.9



#86
 p-Isopropyltoluene
 Concen: 46.263 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Tgt Ion:	119	Resp:	537470
Ion	Ratio	Lower	Upper
119	100		
134	25.9	14.2	42.6
91	23.9	10.5	31.5

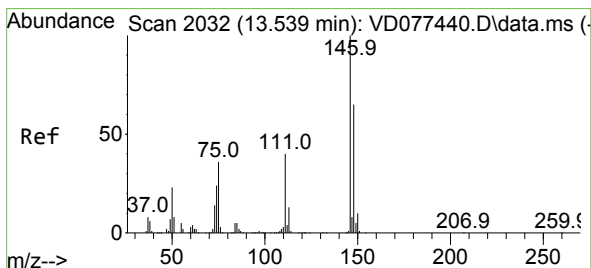
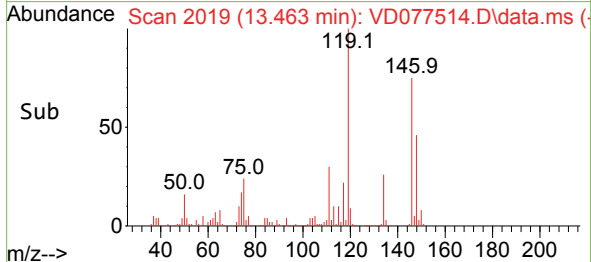
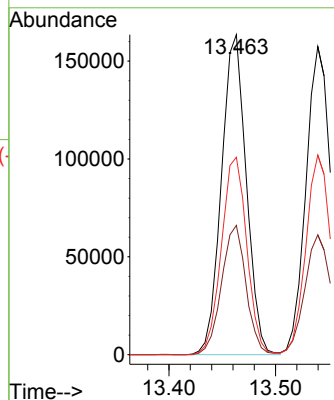
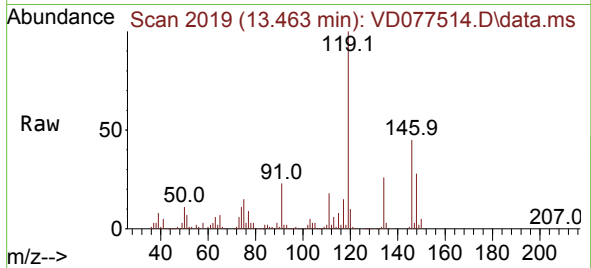




#87
1,3-Dichlorobenzene
Concen: 46.245 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

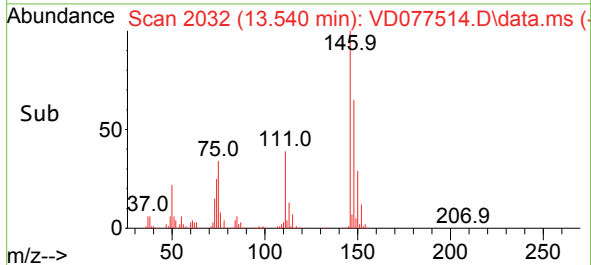
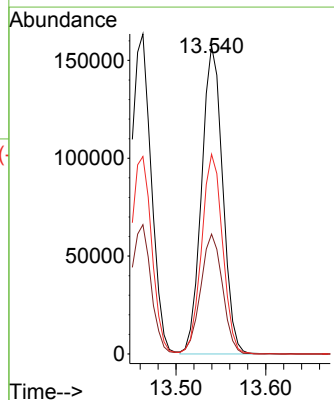
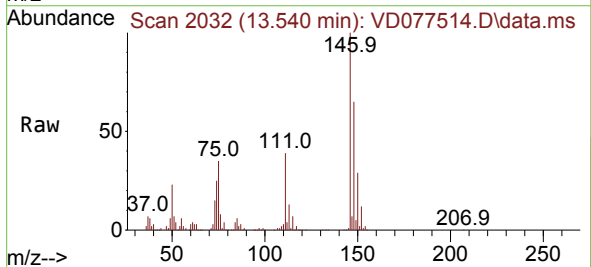
Instrument :
MSVOA_D
ClientSampleId :

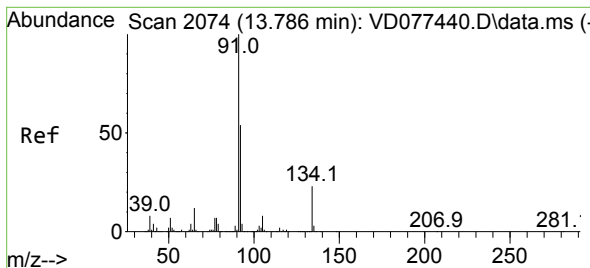
Tgt Ion:146 Resp: 264946
Ion Ratio Lower Upper
146 100
111 39.9 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 44.824 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077514.D
Acq: 08 Nov 2023 09:53

Tgt Ion:146 Resp: 256574
Ion Ratio Lower Upper
146 100
111 40.5 17.4 52.3
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 45.351 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

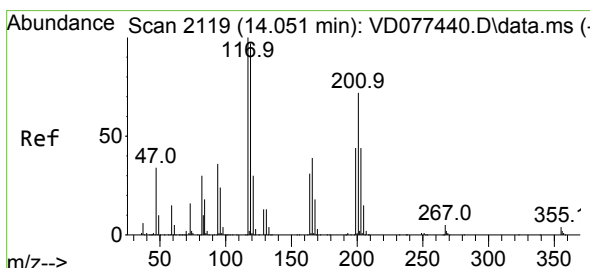
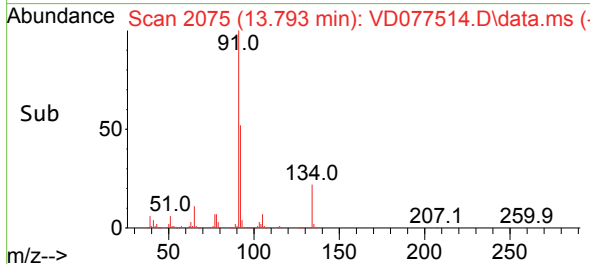
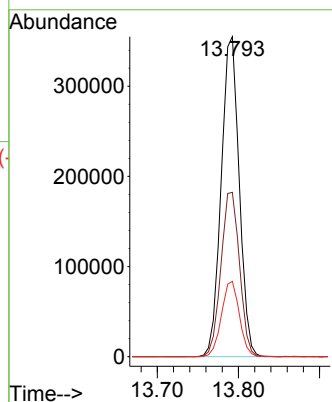
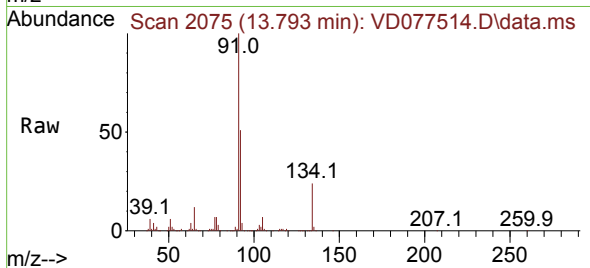
Tgt Ion: 91 Resp: 547620

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 23.5 13.8 41.3



#90

Hexachloroethane

Concen: 43.566 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077514.D

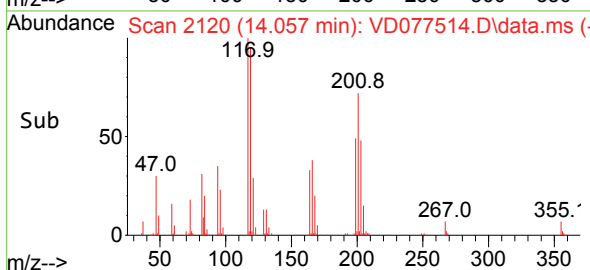
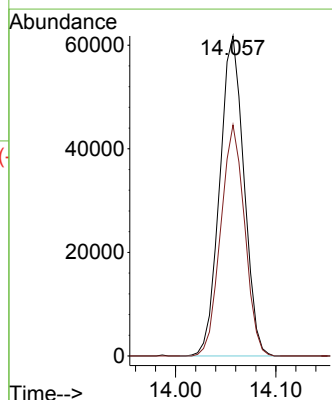
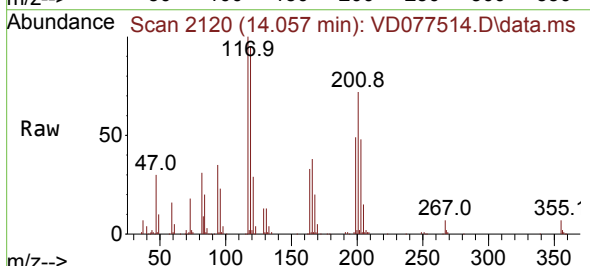
Acq: 08 Nov 2023 09:53

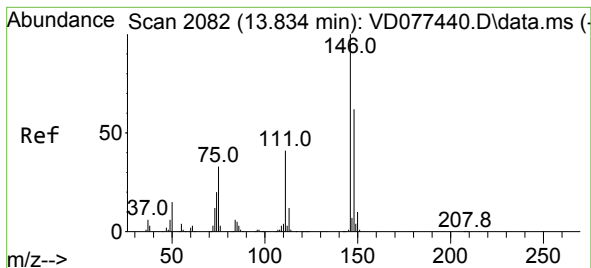
Tgt Ion: 117 Resp: 103571

Ion Ratio Lower Upper

117 100

201 71.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 44.774 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

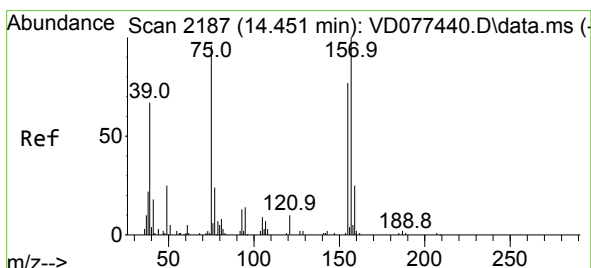
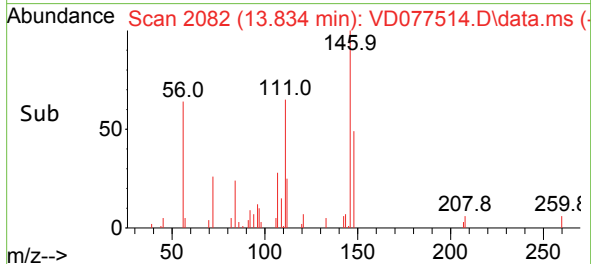
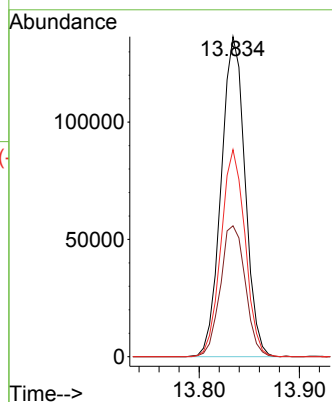
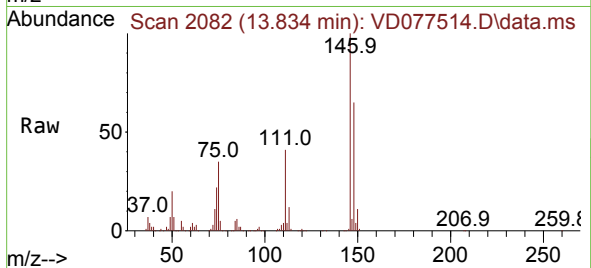
Tgt Ion:146 Resp: 225436

Ion Ratio Lower Upper

146 100

111 42.8 18.3 54.8

148 65.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.240 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

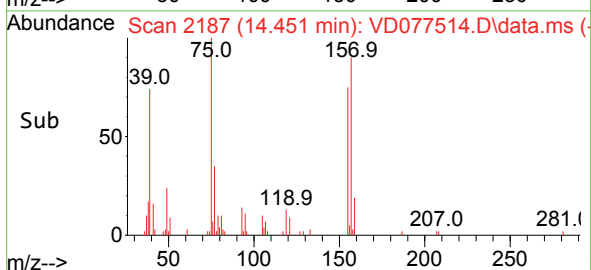
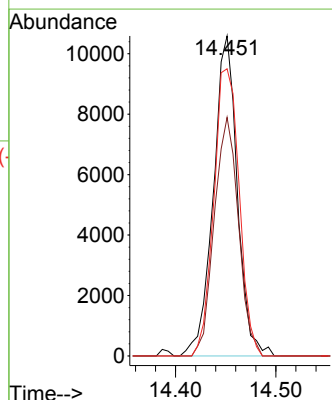
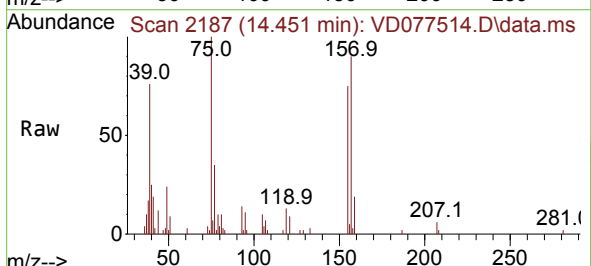
Tgt Ion: 75 Resp: 17596

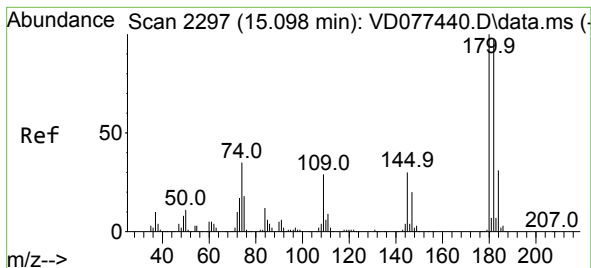
Ion Ratio Lower Upper

75 100

155 75.1 47.9 143.8

157 94.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 43.049 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

Instrument :

MSVOA_D

ClientSampleId :

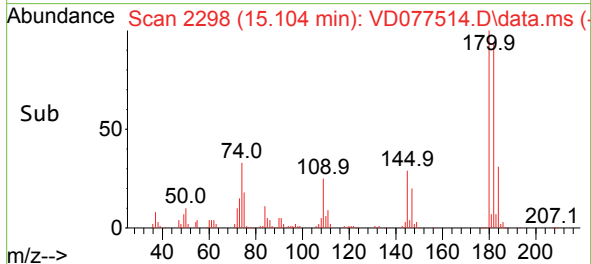
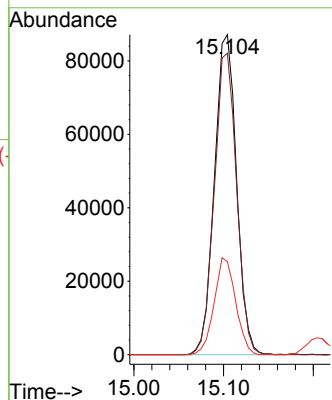
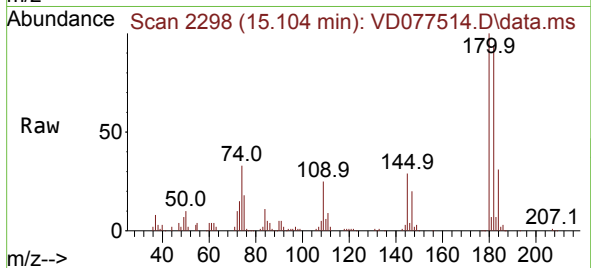
Tgt Ion:180 Resp: 148902

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.984 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077514.D

Acq: 08 Nov 2023 09:53

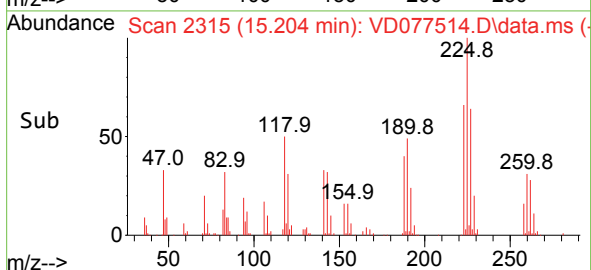
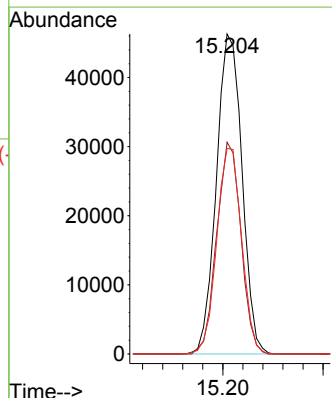
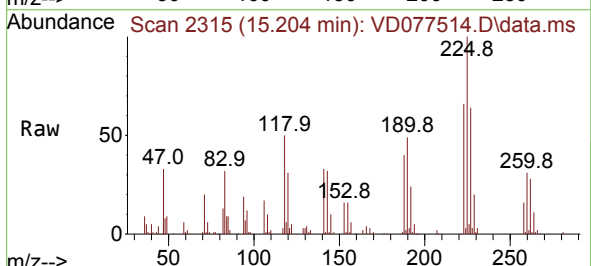
Tgt Ion:225 Resp: 82064

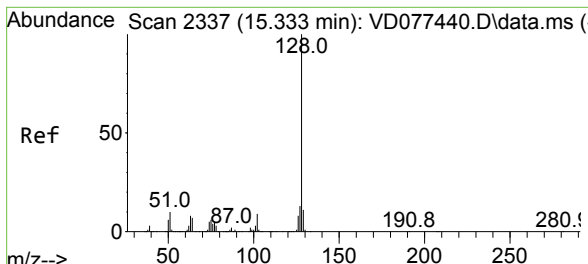
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 62.5 31.7 95.1

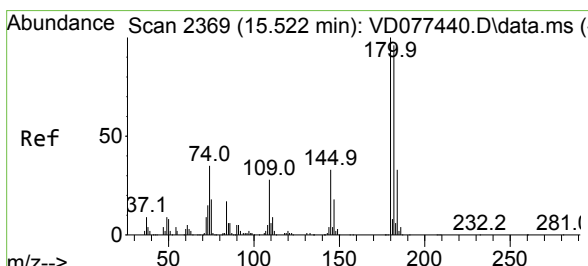
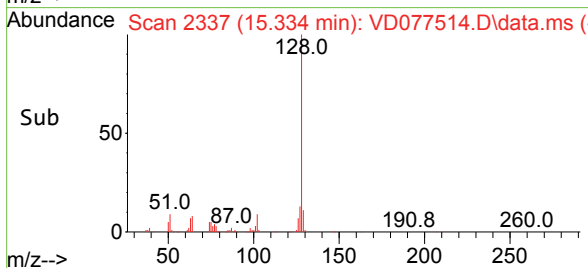
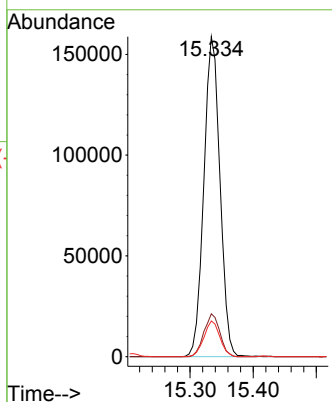
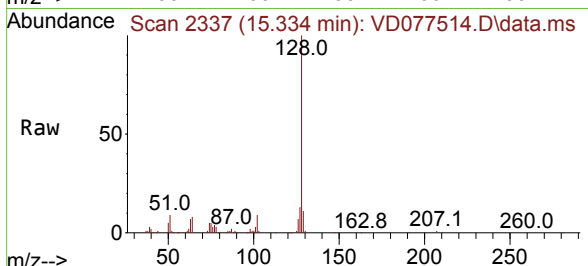




#95
 Naphthalene
 Concen: 42.639 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	281350
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.1	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 43.809 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077514.D
 Acq: 08 Nov 2023 09:53

Tgt Ion:	180	Resp:	130800
Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	141.9
145	30.3	15.1	45.3

