

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077424.D
 Acq On : 25 Oct 2023 19:45
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 26 07:03:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	256845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	518452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	550963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	202749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	146717	63.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.940%	
35) Dibromofluoromethane	7.805	113	160492	44.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.120%	
50) Toluene-d8	10.269	98	737747	56.557	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.120%	
62) 4-Bromofluorobenzene	12.575	95	221083	58.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	94956	39.766	ug/l	98
3) Chloromethane	2.146	50	180059	37.030	ug/l	98
4) Vinyl Chloride	2.287	62	178962	31.157	ug/l	96
5) Bromomethane	2.693	94	109784	29.743	ug/l	98
6) Chloroethane	2.834	64	98363	24.360	ug/l	98
7) Trichlorofluoromethane	3.175	101	159502	27.374	ug/l	98
8) Diethyl Ether	3.593	74	57893	37.070	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	97106	32.213	ug/l	97
10) Methyl Iodide	4.164	142	122038	33.085	ug/l	# 88
11) Tert butyl alcohol	5.040	59	24879	192.836	ug/l	# 86
12) 1,1-Dichloroethene	3.940	96	103976	35.159	ug/l	96
13) Acrolein	3.793	56	59094	263.860	ug/l	97
14) Allyl chloride	4.564	41	119864	42.718	ug/l	94
15) Acrylonitrile	5.258	53	128622	271.777	ug/l	97
16) Acetone	4.017	43	87755	174.487	ug/l	97
17) Carbon Disulfide	4.269	76	307228	35.340	ug/l	97
18) Methyl Acetate	4.564	43	76529	43.722	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	244072	48.455	ug/l	97
20) Methylene Chloride	4.799	84	217763	73.813	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	128660	41.829	ug/l	97
22) Diisopropyl ether	6.216	45	337286	61.234	ug/l	98
23) Vinyl Acetate	6.158	43	775029	300.248	ug/l	97
24) 1,1-Dichloroethane	6.116	63	216210	47.211	ug/l	96
25) 2-Butanone	7.081	43	161276	309.132	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	197673	47.338	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	171740	49.797	ug/l	99
28) Bromochloromethane	7.428	49	105688	63.176	ug/l	82
29) Tetrahydrofuran	7.446	42	107331	356.645	ug/l	93
30) Chloroform	7.593	83	265077	50.448	ug/l	98
31) Cyclohexane	7.875	56	211513	59.275	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	216393	47.736	ug/l	95
36) 1,1-Dichloropropene	8.005	75	201205	42.041	ug/l	98
37) Ethyl Acetate	7.169	43	71162	47.335	ug/l	99
38) Carbon Tetrachloride	7.993	117	188192	35.347	ug/l	96
39) Methylcyclohexane	9.275	83	246363	42.364	ug/l	94
40) Benzene	8.252	78	664650	45.762	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	46889	65.353	ug/l	93
42) 1,2-Dichloroethane	8.328	62	143178	41.852	ug/l	99
43) Isopropyl Acetate	8.357	43	146530	54.141	ug/l	96
44) Trichloroethene	9.028	130	150756	35.502	ug/l	92
45) 1,2-Dichloropropane	9.304	63	167380	49.994	ug/l	94
46) Dibromomethane	9.393	93	87427	41.769	ug/l #	86
47) Bromodichloromethane	9.587	83	209321	41.940	ug/l	98
48) Methyl methacrylate	9.381	41	70081	57.239	ug/l	90
49) 1,4-Dioxane	9.387	88	16462	807.988	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	412357	303.944	ug/l	96
52) Toluene	10.334	92	436328	46.012	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	217237	48.490	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	262271	47.847	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	135734	46.820	ug/l	96
56) Ethyl methacrylate	10.599	69	161722	58.371	ug/l	99
57) 1,3-Dichloropropane	10.881	76	227847	51.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	394347	287.820	ug/l	94
59) 2-Hexanone	10.922	43	304833	312.844	ug/l	96
60) Dibromochloromethane	11.075	129	150243	40.587	ug/l	94
61) 1,2-Dibromoethane	11.181	107	119383	43.702	ug/l	97
64) Tetrachloroethene	10.810	164	127828	31.215	ug/l	90
65) Chlorobenzene	11.604	112	472210	39.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	170191	37.281	ug/l	97
67) Ethyl Benzene	11.681	91	835185	41.953	ug/l	98
68) m/p-Xylenes	11.793	106	655535	80.189	ug/l	91
69) o-Xylene	12.122	106	306099	40.675	ug/l	93
70) Styrene	12.134	104	535276	41.690	ug/l	98
71) Bromoform	12.298	173	93856	37.505	ug/l #	98
73) Isopropylbenzene	12.422	105	785137	58.545	ug/l	96
74) N-amyl acetate	12.234	43	144031	74.656	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	149660	61.413	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	175732	63.087	ug/l #	100
77) Bromobenzene	12.704	156	186509	52.974	ug/l	93
78) n-propylbenzene	12.763	91	932964	57.766	ug/l	97
79) 2-Chlorotoluene	12.851	91	503671	57.255	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	632749	57.176	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	48667	64.318	ug/l	97
82) 4-Chlorotoluene	12.945	91	531095	57.988	ug/l	96
83) tert-Butylbenzene	13.169	119	500070	50.967	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	550738	49.428	ug/l	98
85) sec-Butylbenzene	13.345	105	631829	42.794	ug/l	97
86) p-Isopropyltoluene	13.457	119	521318	40.643	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	293030	39.548	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	287204	39.116	ug/l	99
89) n-Butylbenzene	13.787	91	472183	42.277	ug/l	98
90) Hexachloroethane	14.051	117	102275	39.447	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	249923	39.930	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13779	46.195	ug/l	87
93) 1,2,4-Trichlorobenzene	15.104	180	152410	39.082	ug/l	98
94) Hexachlorobutadiene	15.204	225	81211	36.668	ug/l	98
95) Naphthalene	15.334	128	278979	42.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	132538	39.156	ug/l	99

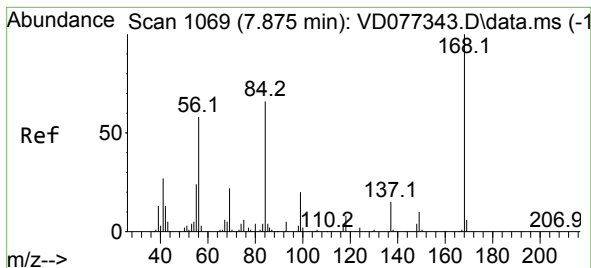
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

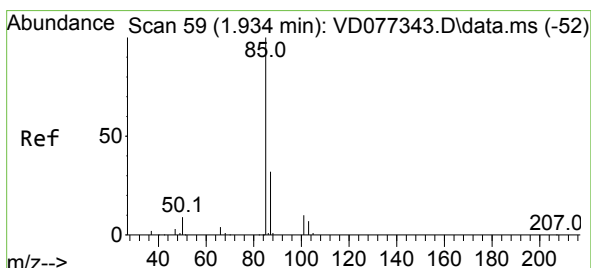
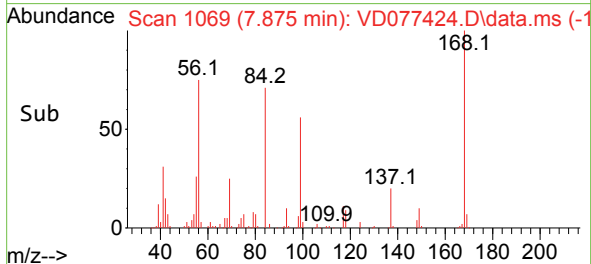
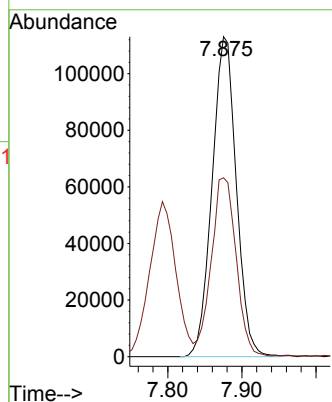
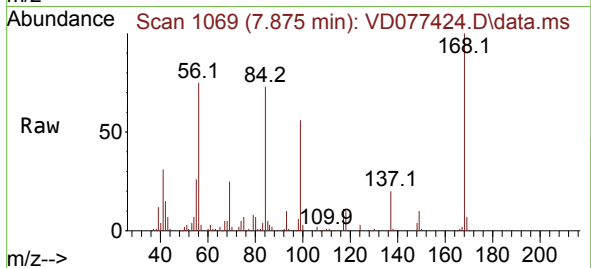
ClientSampleId :

Tgt Ion:168 Resp: 256845

Ion Ratio Lower Upper

168 100

99 55.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 39.766 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077424.D

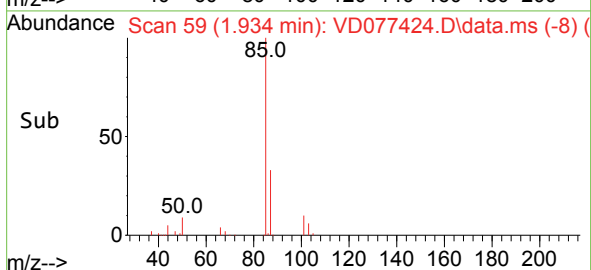
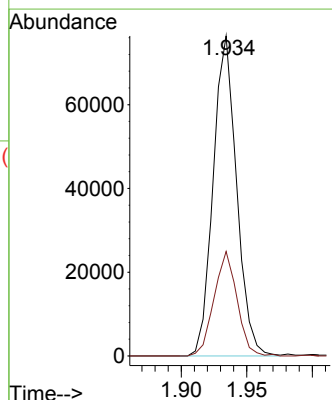
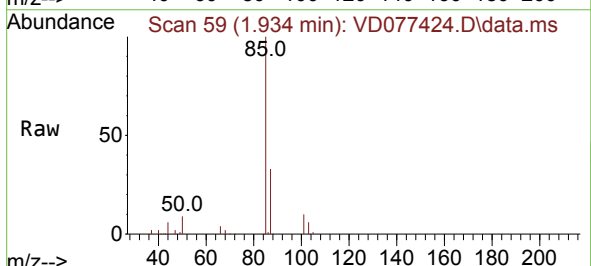
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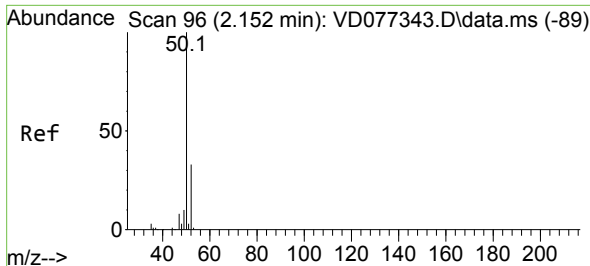
Tgt Ion: 85 Resp: 94956

Ion Ratio Lower Upper

85 100

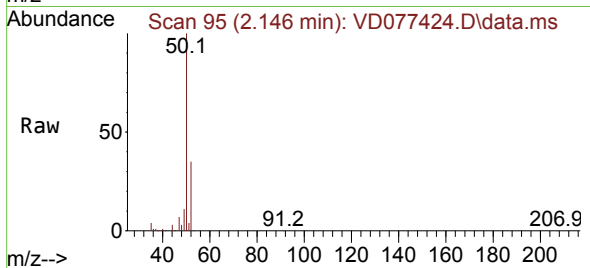
87 32.7 15.7 47.0



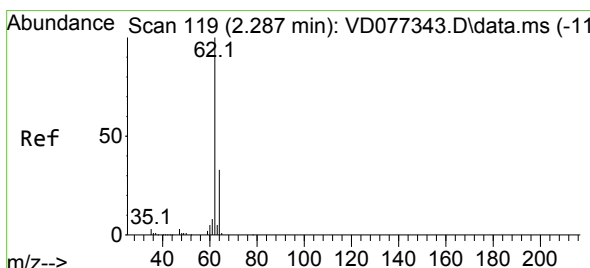
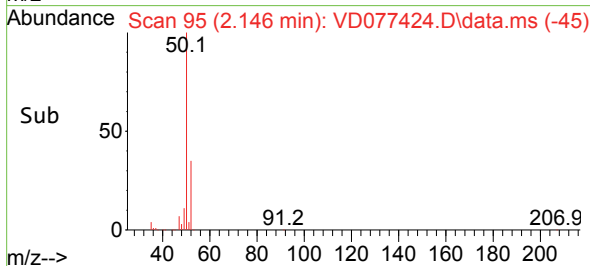
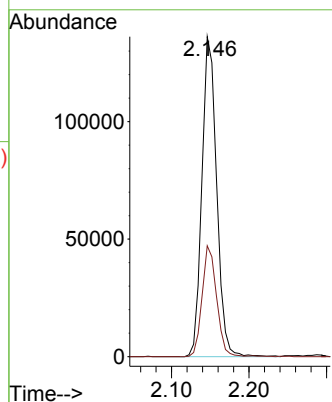


#3
Chloromethane
Concen: 37.030 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :

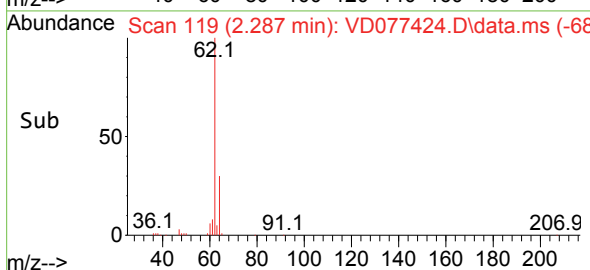
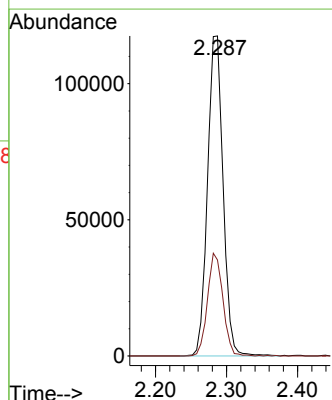
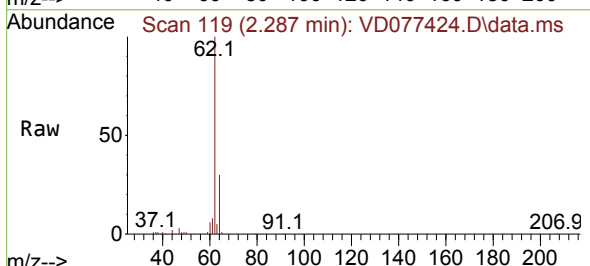


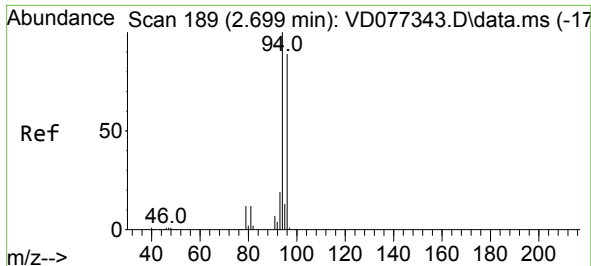
Tgt Ion: 50 Resp: 180059
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0



#4
Vinyl Chloride
Concen: 31.157 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 62 Resp: 178962
Ion Ratio Lower Upper
62 100
64 30.0 26.0 39.0

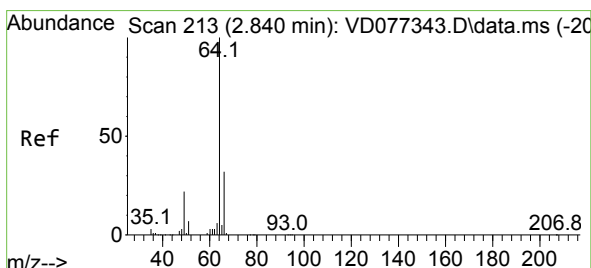
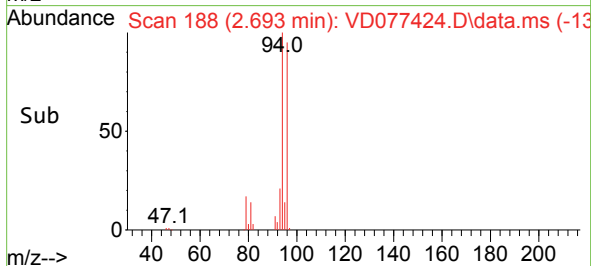
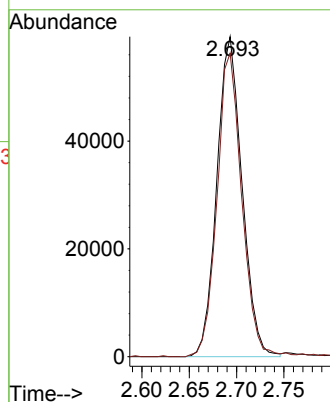
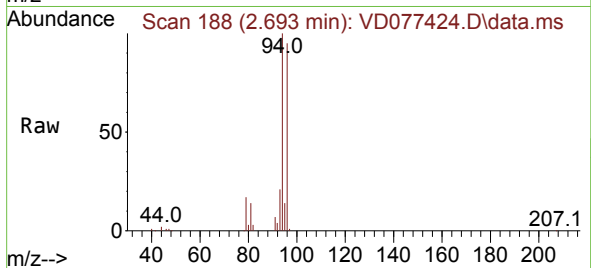




#5
Bromomethane
Concen: 29.743 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

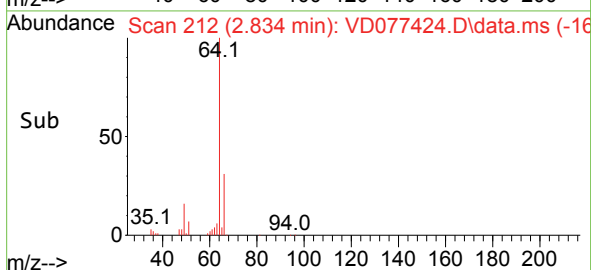
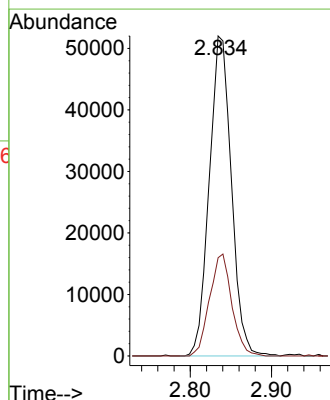
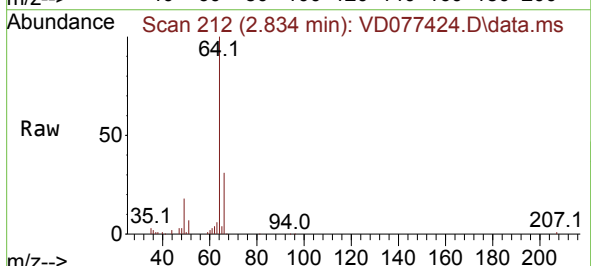
Instrument :
MSVOA_D
ClientSampleId :

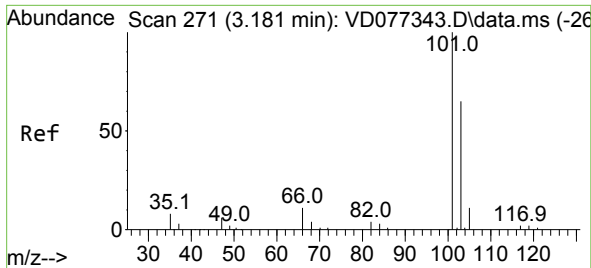
Tgt Ion: 94 Resp: 109784
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8



#6
Chloroethane
Concen: 24.360 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 64 Resp: 98363
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

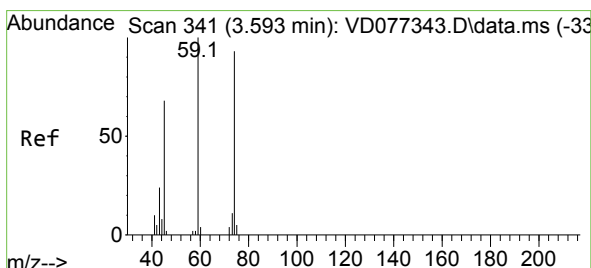
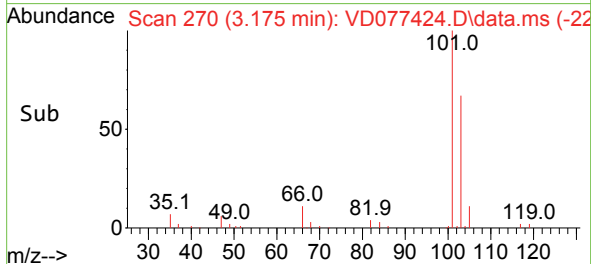
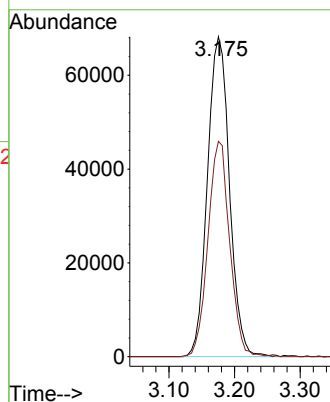
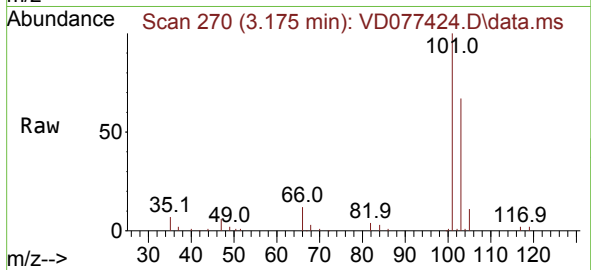




#7
 Trichlorofluoromethane
 Concen: 27.374 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

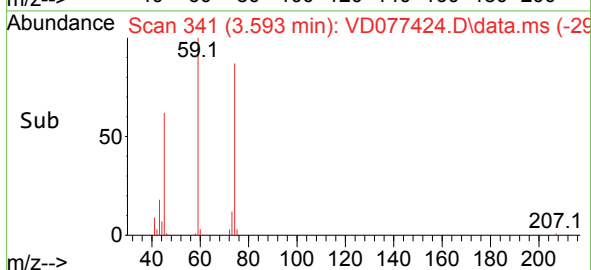
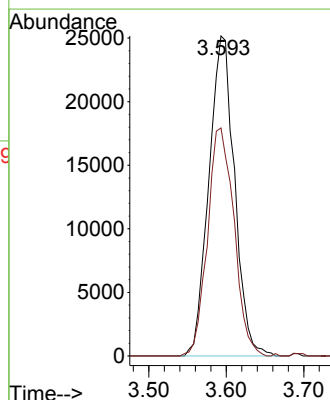
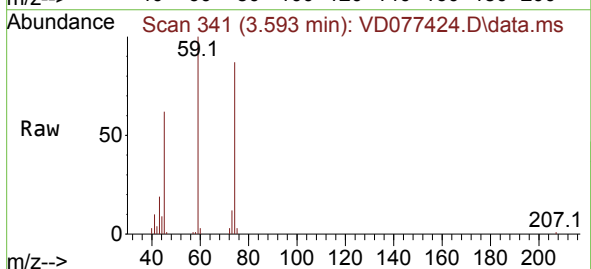
Instrument :
 MSVOA_D
 ClientSampleId :

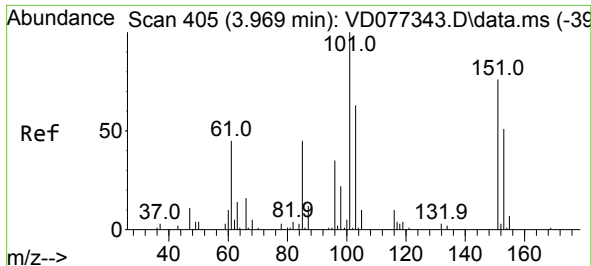
Tgt Ion:101 Resp: 159502
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 37.070 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion: 74 Resp: 57893
 Ion Ratio Lower Upper
 74 100
 45 73.4 37.5 112.7

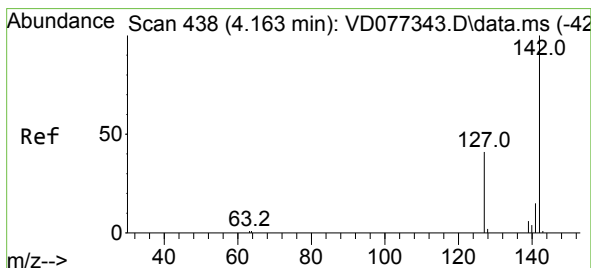
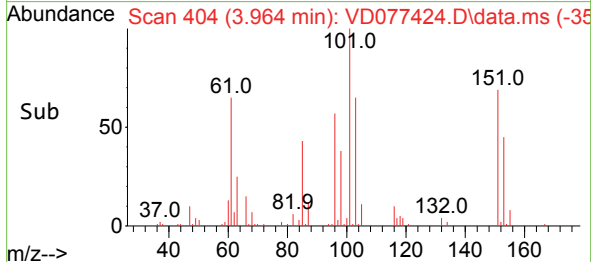
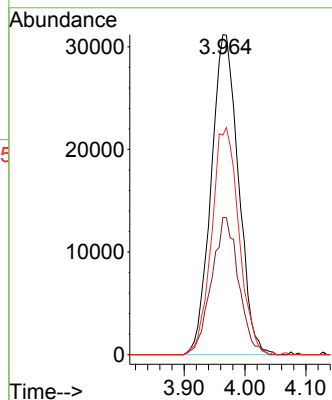
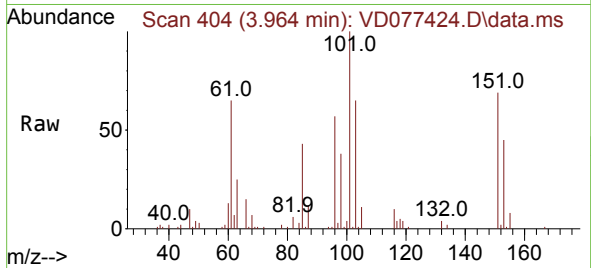




#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.213 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD077424.D
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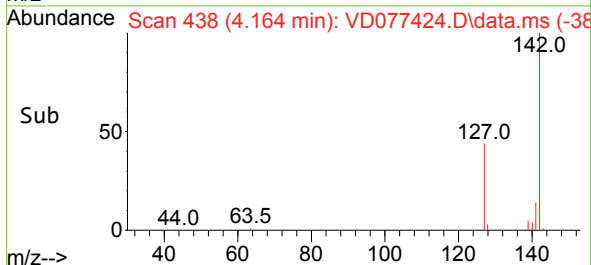
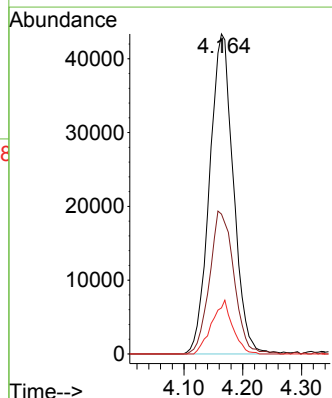
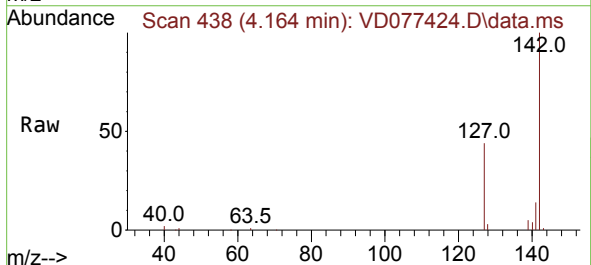
Instrument :
MSVOA_D
ClientSampleId :

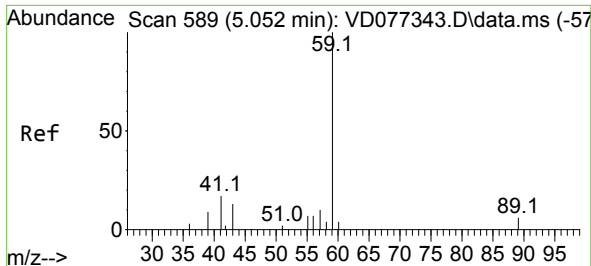
Tgt Ion:101 Resp: 97106
Ion Ratio Lower Upper
101 100
85 42.5 33.8 50.6
151 70.7 59.8 89.6



#10
Methyl Iodide
Concen: 33.085 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

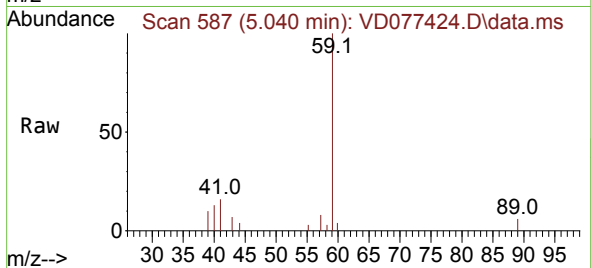
Tgt Ion:142 Resp: 122038
Ion Ratio Lower Upper
142 100
127 45.7 29.4 44.0#
141 14.8 11.1 16.7



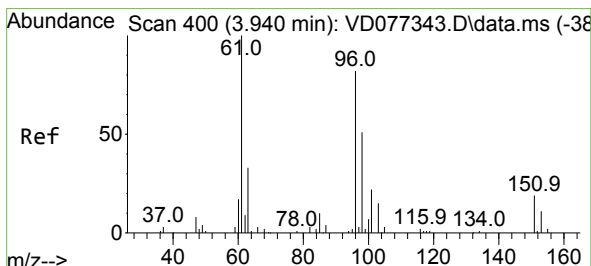
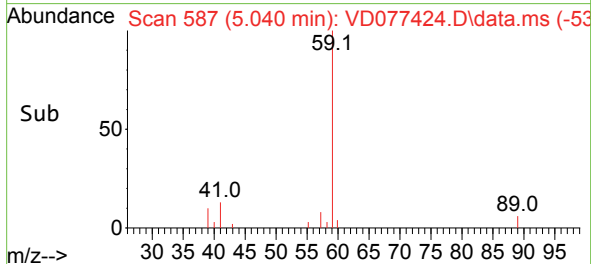
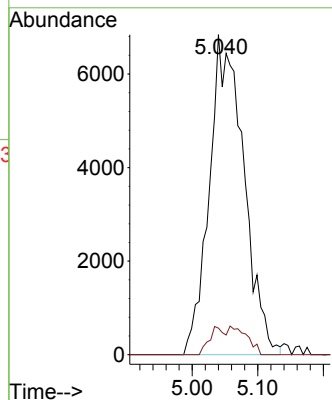


#11
Tert butyl alcohol
Concen: 192.836 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :

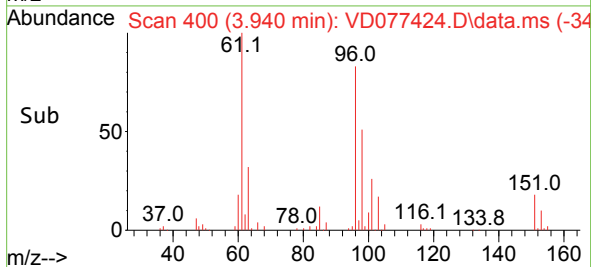
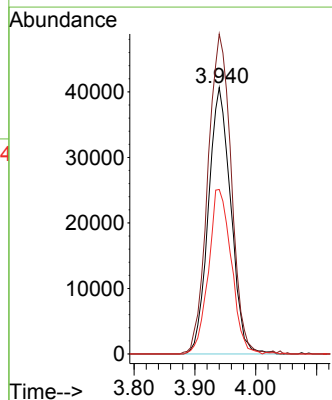
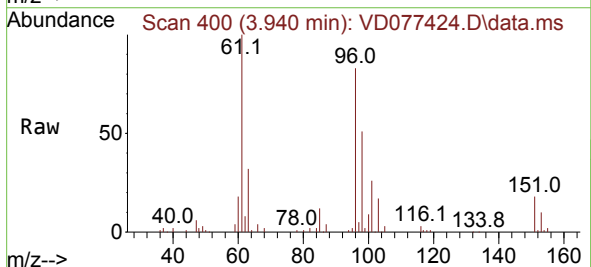


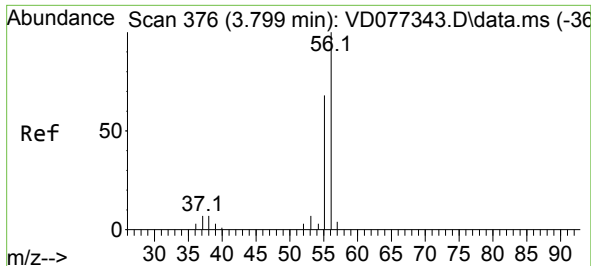
Tgt Ion: 59 Resp: 24879
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 35.159 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 96 Resp: 103976
Ion Ratio Lower Upper
96 100
61 120.1 100.6 150.8
98 61.7 50.2 75.2

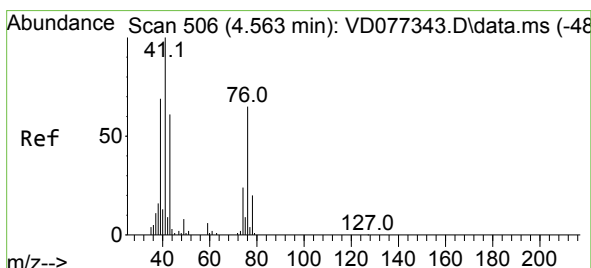
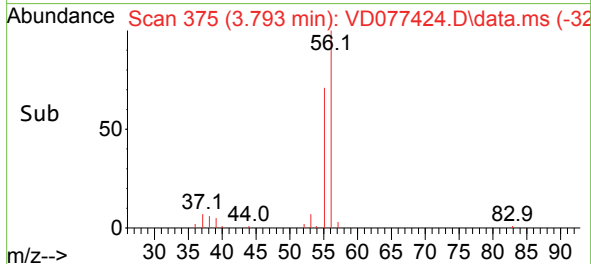
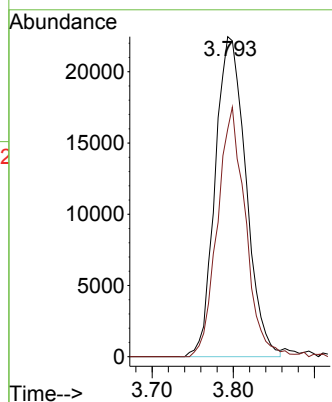
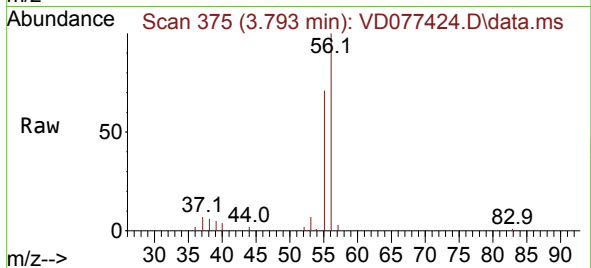




#13
Acrolein
Concen: 263.860 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

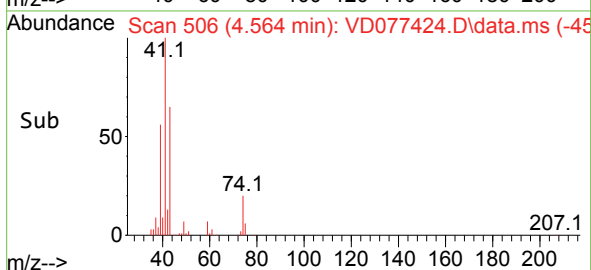
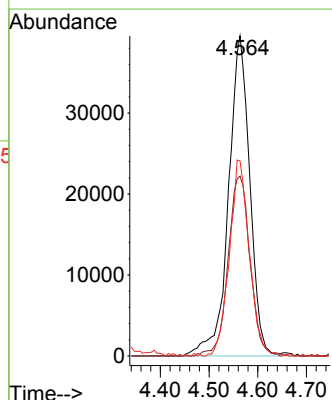
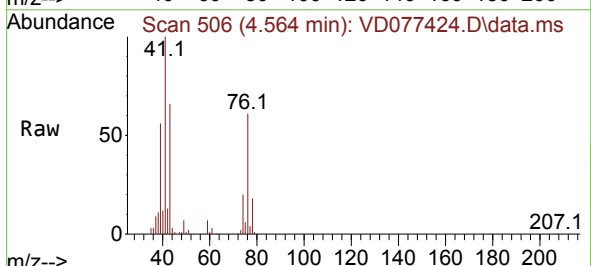
Instrument :
MSVOA_D
ClientSampleId :

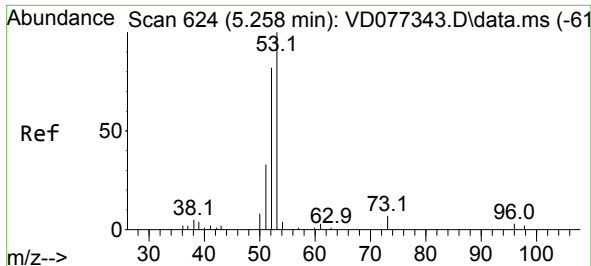
Tgt Ion: 56 Resp: 59094
Ion Ratio Lower Upper
56 100
55 71.2 55.1 82.7



#14
Allyl chloride
Concen: 42.718 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 41 Resp: 119864
Ion Ratio Lower Upper
41 100
39 57.7 53.8 80.6
76 57.4 45.8 68.8

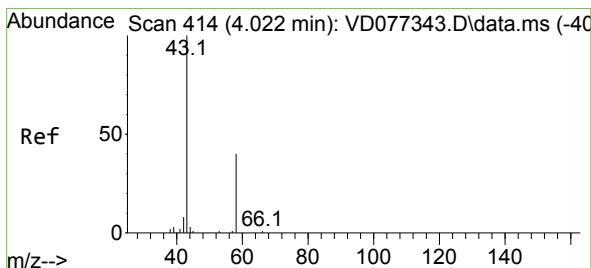
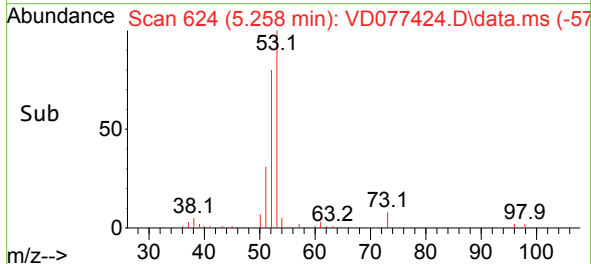
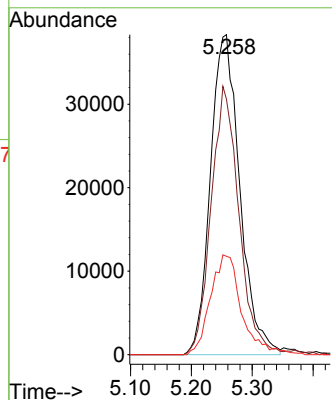
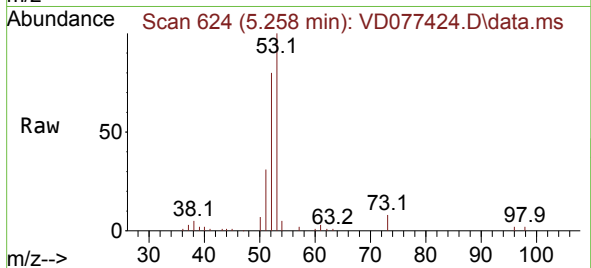




#15
Acrylonitrile
Concen: 271.777 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

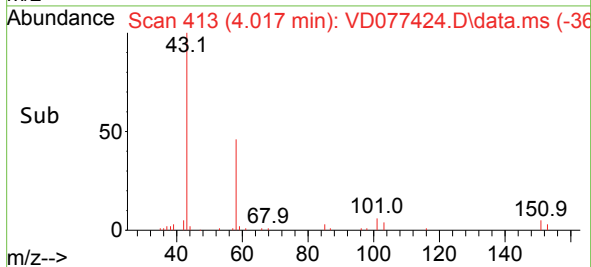
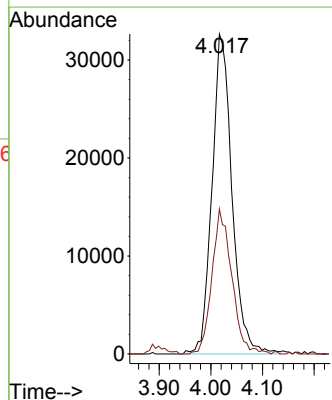
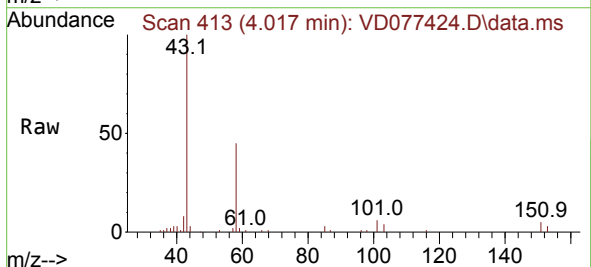
Instrument :
MSVOA_D
ClientSampleId :

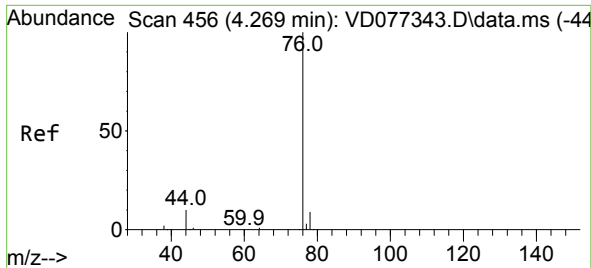
Tgt Ion: 53 Resp: 128622
Ion Ratio Lower Upper
53 100
52 79.0 65.0 97.4
51 33.1 28.3 42.5



#16
Acetone
Concen: 174.487 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 43 Resp: 87755
Ion Ratio Lower Upper
43 100
58 45.3 34.7 52.1

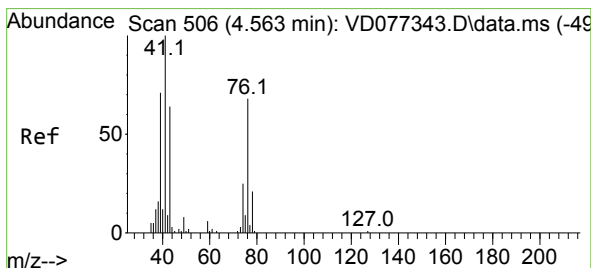
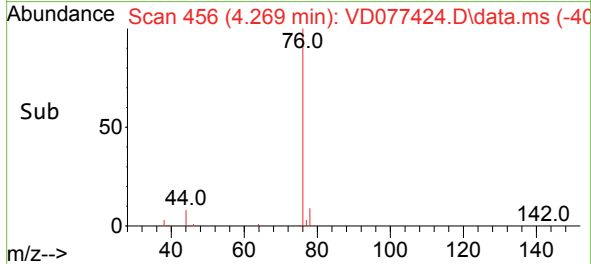
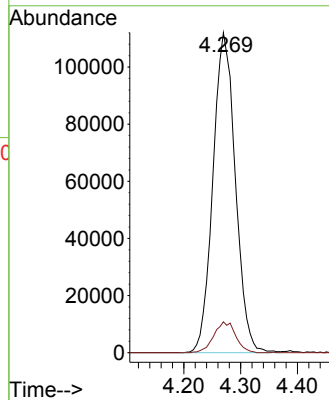
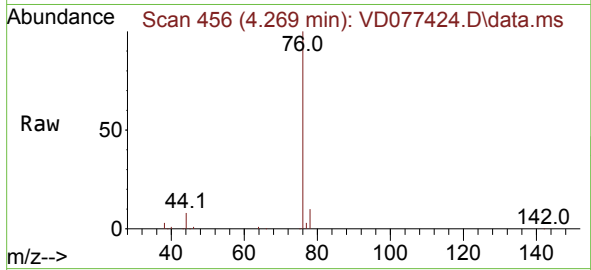




#17
Carbon Disulfide
Concen: 35.340 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

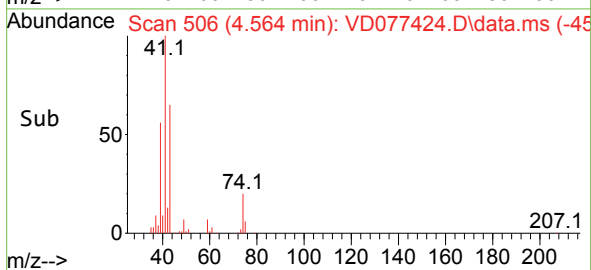
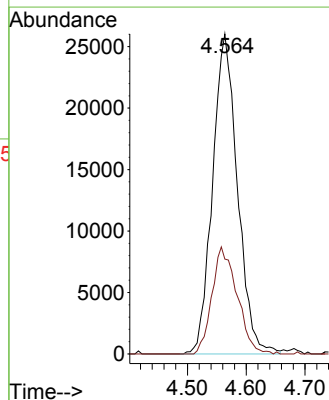
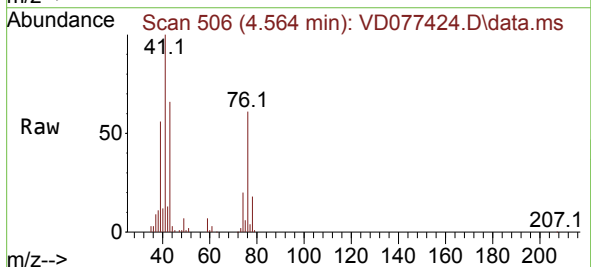
Instrument :
MSVOA_D
ClientSampleId :

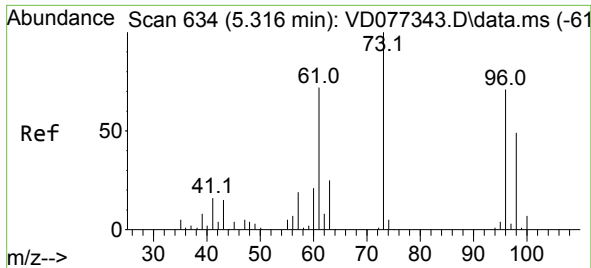
Tgt Ion: 76 Resp: 307228
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 43.722 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 43 Resp: 76529
Ion Ratio Lower Upper
43 100
74 33.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 48.455 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

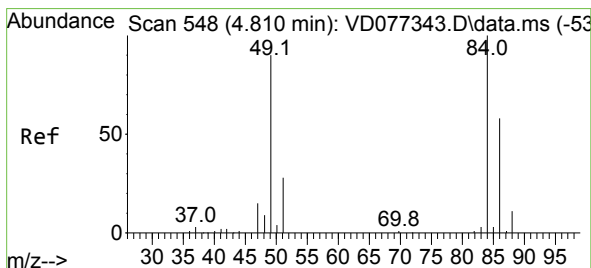
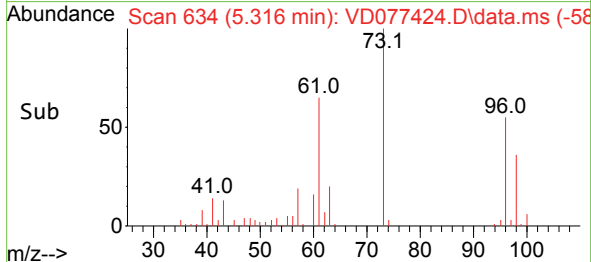
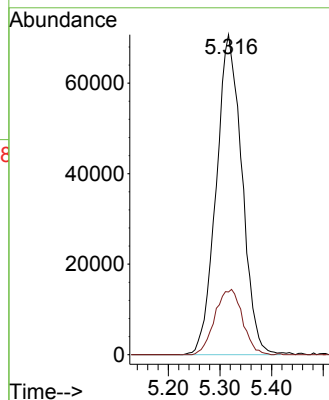
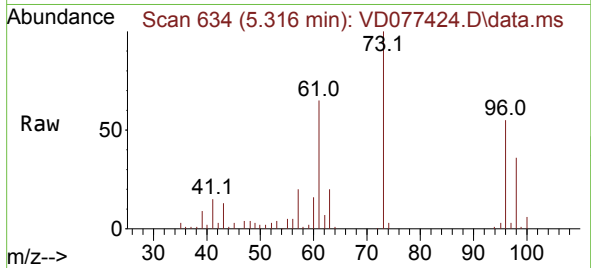
ClientSampleId :

Tgt Ion: 73 Resp: 244072

Ion Ratio Lower Upper

73 100

57 19.6 16.6 25.0



#20

Methylene Chloride

Concen: 73.813 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Tgt Ion: 84 Resp: 217763

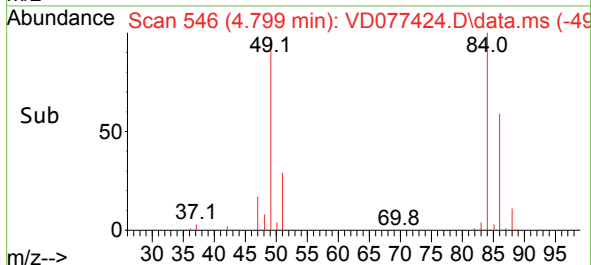
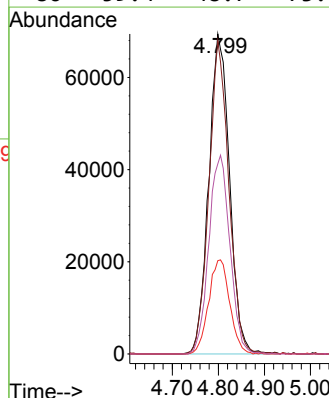
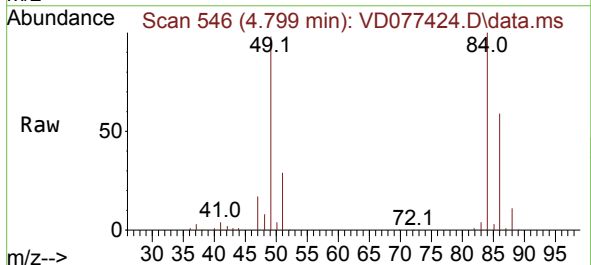
Ion Ratio Lower Upper

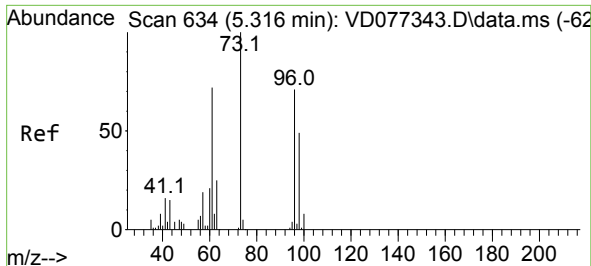
84 100

49 97.9 71.4 107.2

51 29.2 24.5 36.7

86 59.4 48.7 73.1

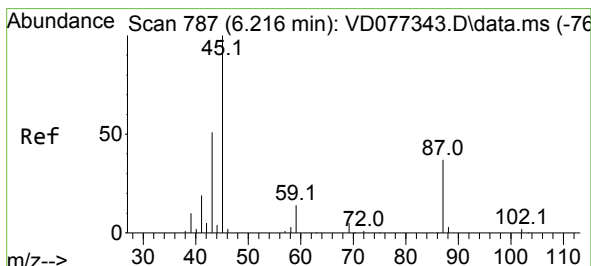
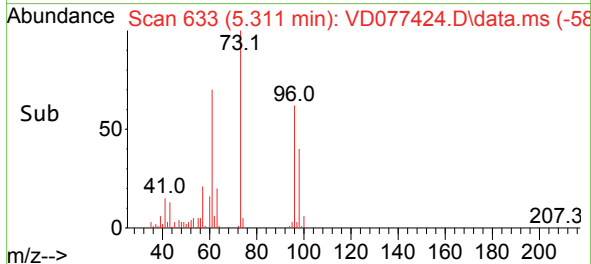
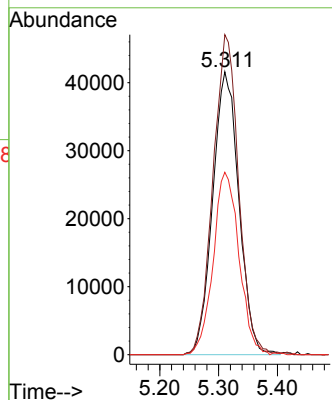
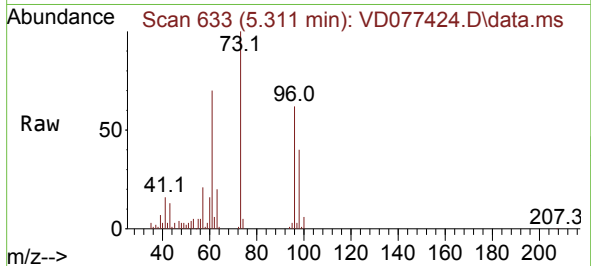




#21
trans-1,2-Dichloroethene
Concen: 41.829 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

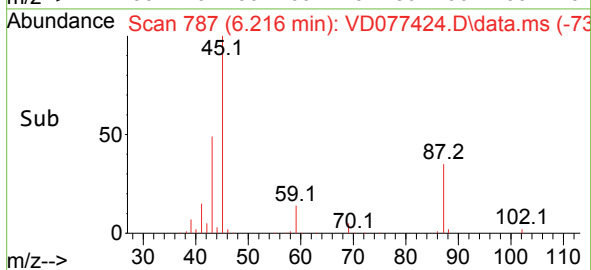
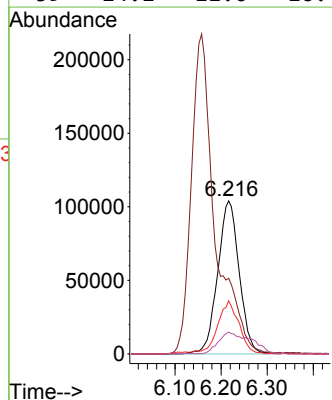
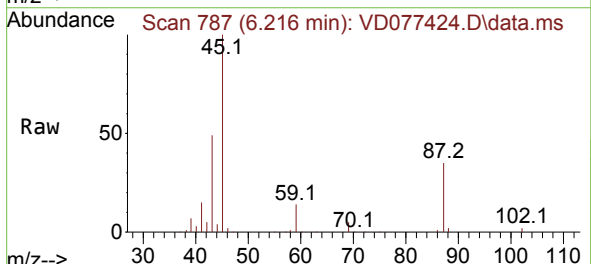
Instrument :
MSVOA_D
ClientSampleId :

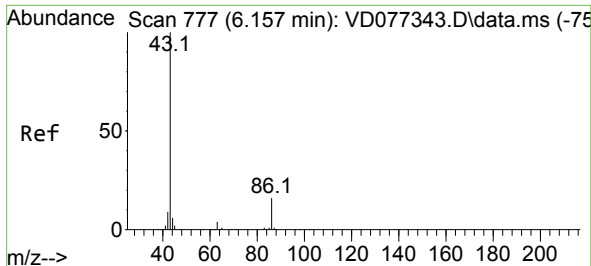
Tgt Ion: 96 Resp: 128660
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 64.5 48.6 73.0



#22
Diisopropyl ether
Concen: 61.234 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 45 Resp: 337286
Ion Ratio Lower Upper
45 100
43 48.5 40.0 60.0
87 34.7 28.2 42.4
59 14.1 11.0 16.4

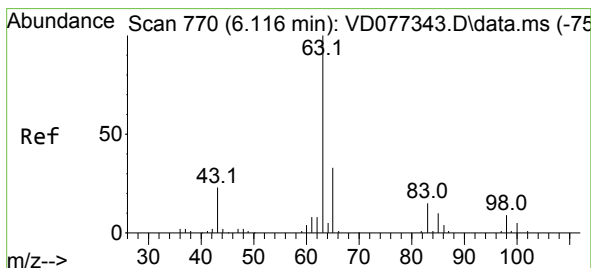
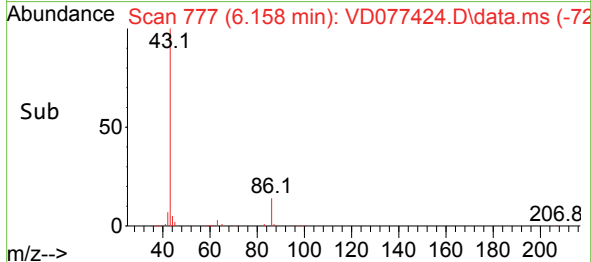
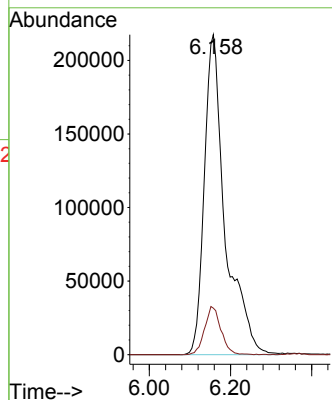
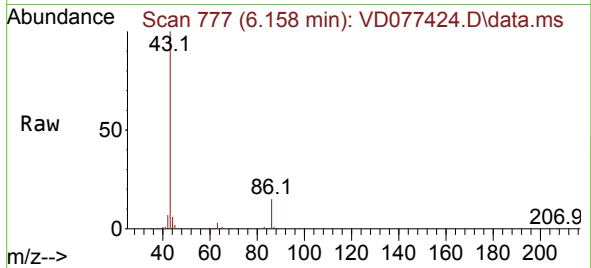




#23
 Vinyl Acetate
 Concen: 300.248 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

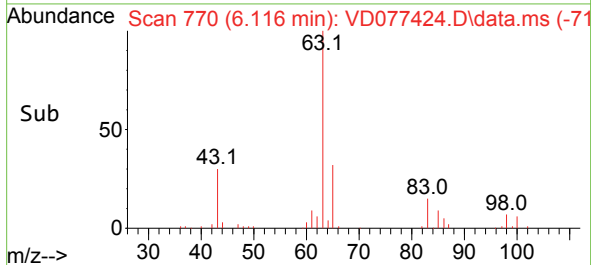
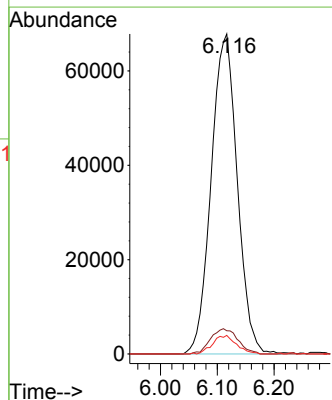
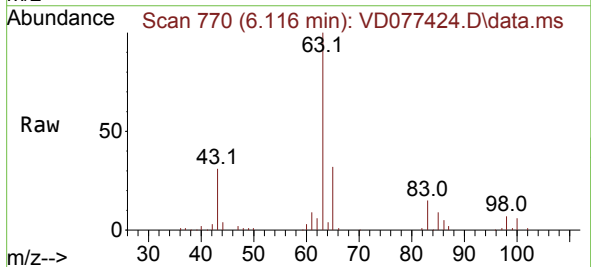
Instrument :
 MSVOA_D
 ClientSampleId :

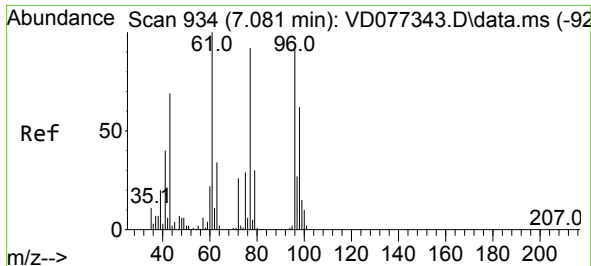
Tgt Ion: 43 Resp: 775029
 Ion Ratio Lower Upper
 43 100
 86 14.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.211 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion: 63 Resp: 216210
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.8 2.5 7.5

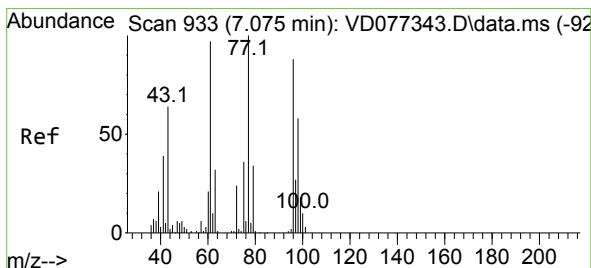
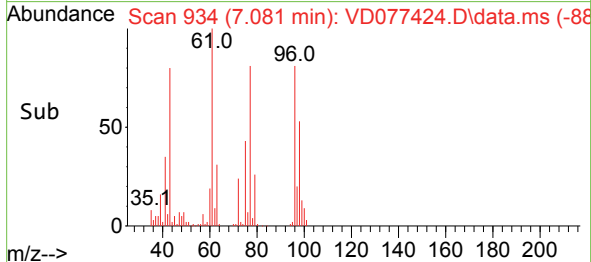
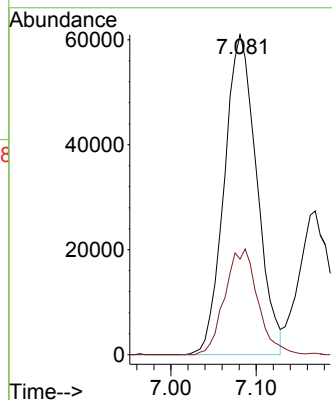
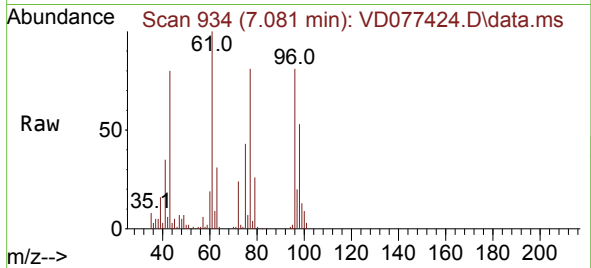




#25
2-Butanone
Concen: 309.132 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

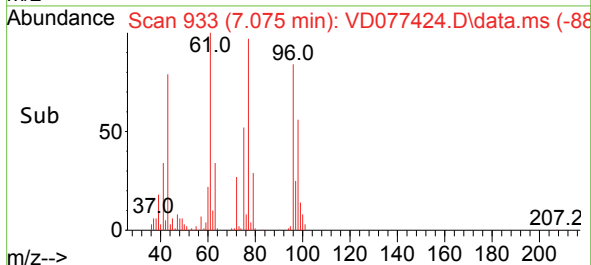
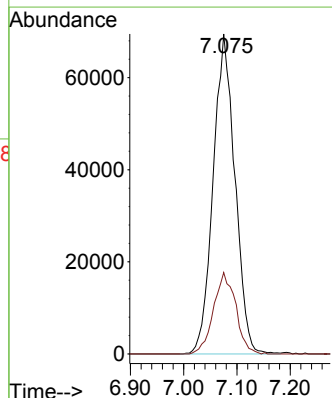
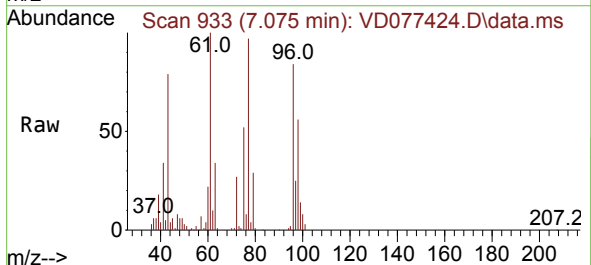
Instrument :
MSVOA_D
ClientSampleId :

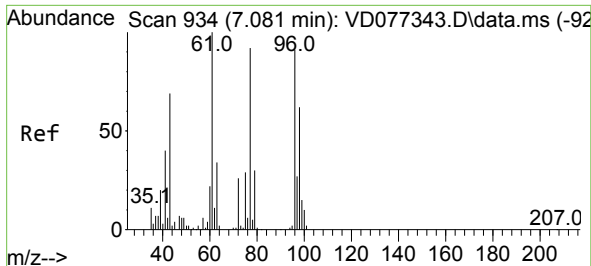
Tgt Ion: 43 Resp: 161276
Ion Ratio Lower Upper
43 100
72 29.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 47.338 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 77 Resp: 197673
Ion Ratio Lower Upper
77 100
97 25.9 13.2 39.6

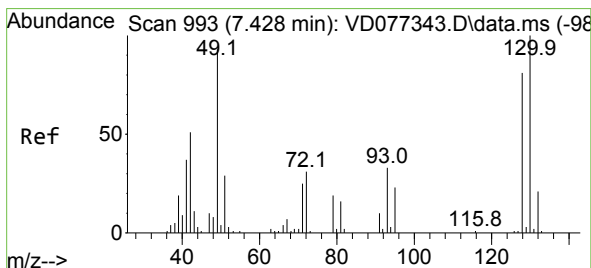
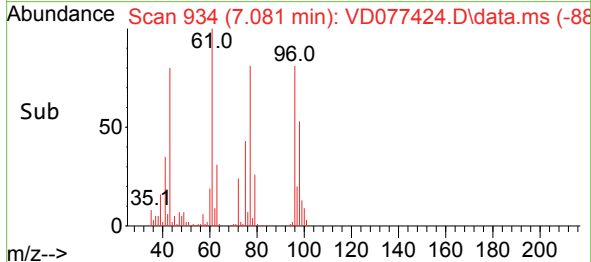
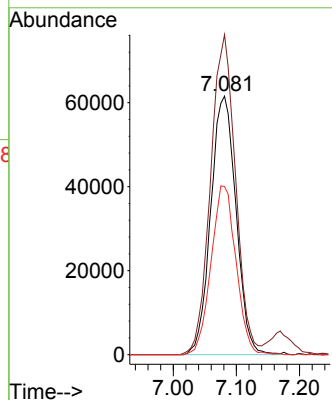
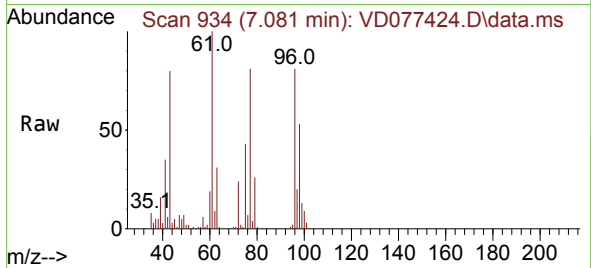




#27
 cis-1,2-Dichloroethene
 Concen: 49.797 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

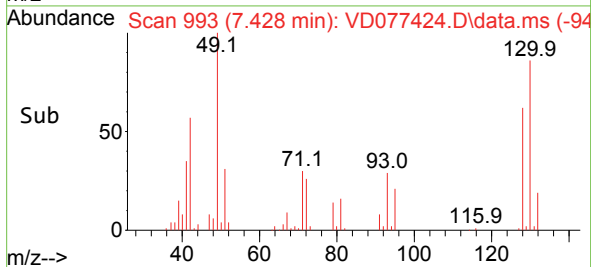
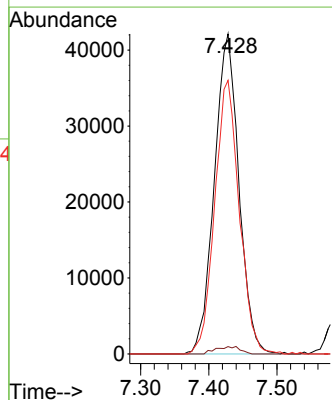
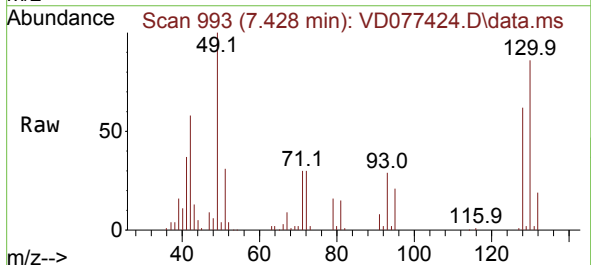
Instrument :
 MSVOA_D
 ClientSampleId :

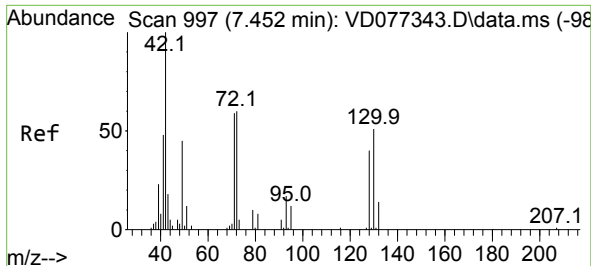
Tgt Ion: 96 Resp: 171740
 Ion Ratio Lower Upper
 96 100
 61 122.0 0.0 239.2
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 63.176 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion: 49 Resp: 105688
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 6.0
 130 85.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 356.645 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

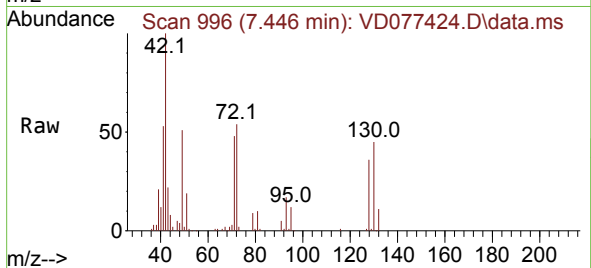
Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :



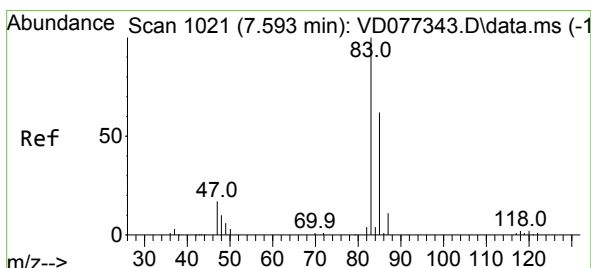
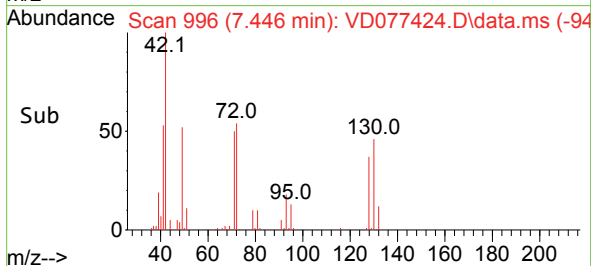
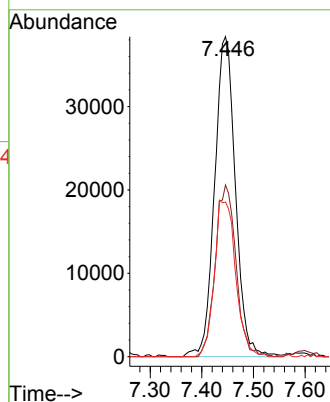
Tgt Ion: 42 Resp: 107331

Ion Ratio Lower Upper

42 100

72 53.3 46.5 69.7

71 50.1 44.5 66.7



#30

Chloroform

Concen: 50.448 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077424.D

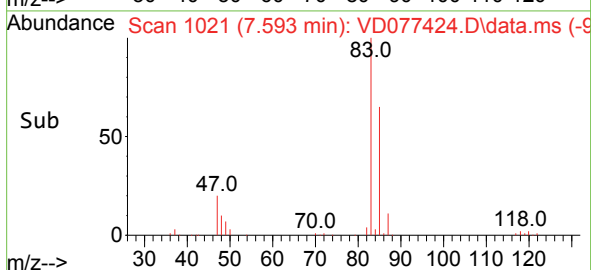
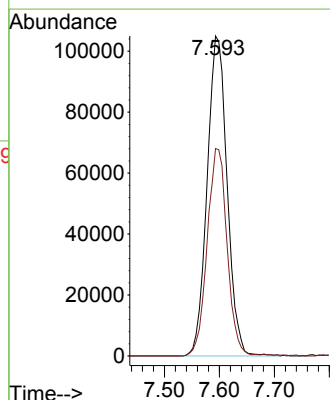
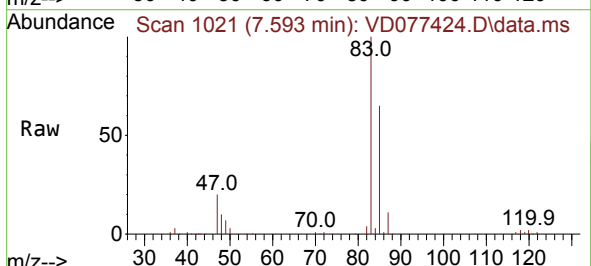
Acq: 25 Oct 2023 19:45

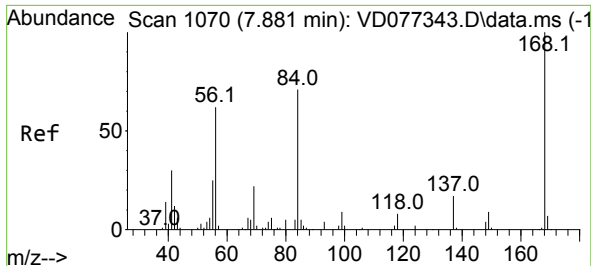
Tgt Ion: 83 Resp: 265077

Ion Ratio Lower Upper

83 100

85 64.8 53.4 80.2





#31

Cyclohexane

Concen: 59.275 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

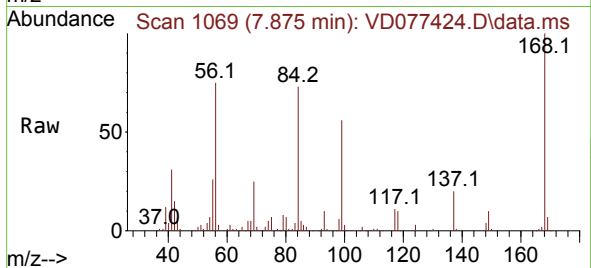
Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :



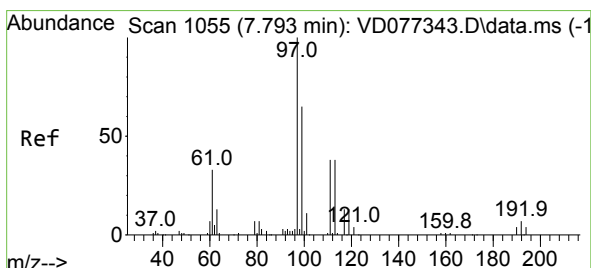
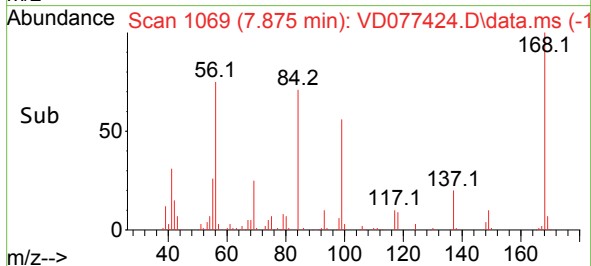
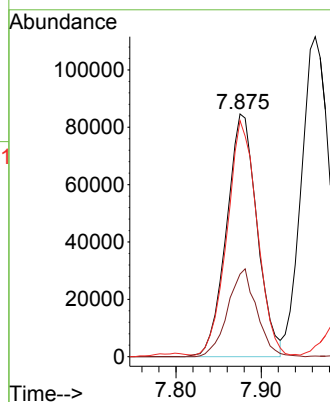
Tgt Ion: 56 Resp: 211513

Ion Ratio Lower Upper

56 100

69 34.0 28.6 43.0

84 96.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 47.736 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

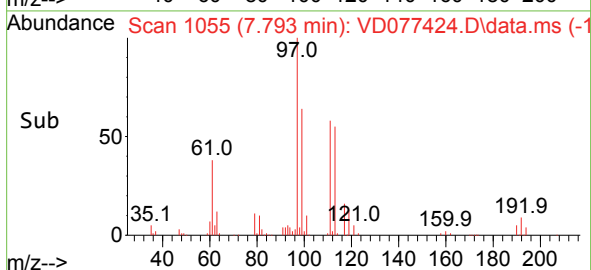
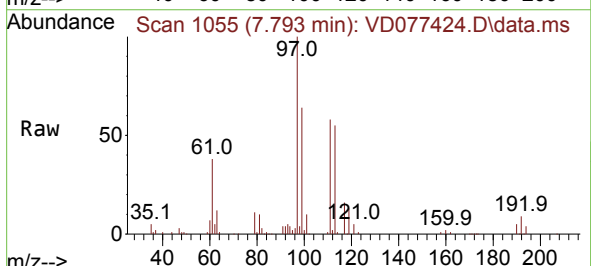
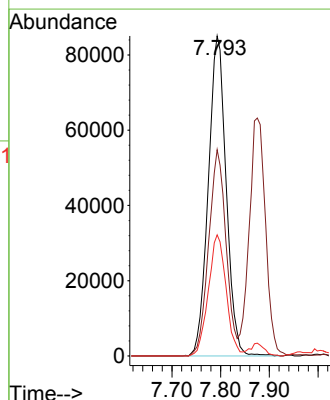
Tgt Ion: 97 Resp: 216393

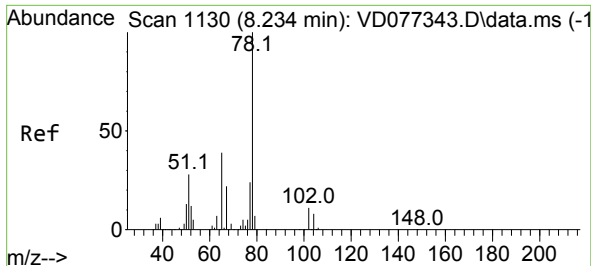
Ion Ratio Lower Upper

97 100

99 62.6 52.0 78.0

61 37.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 63.971 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

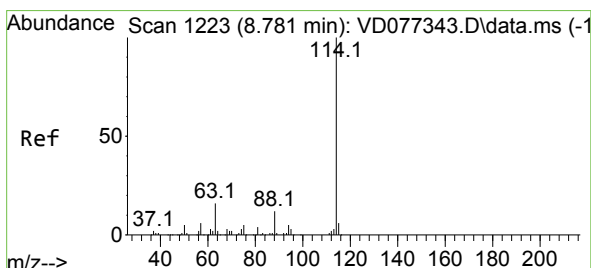
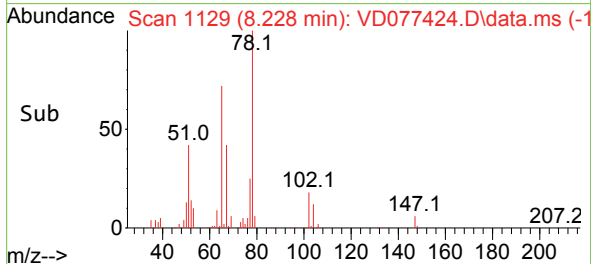
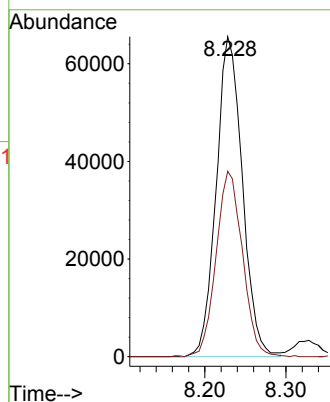
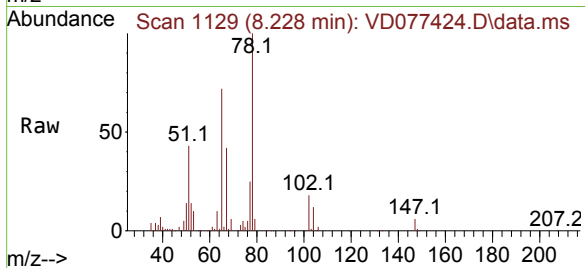
ClientSampleId :

Tgt Ion: 65 Resp: 146717

Ion Ratio Lower Upper

65 100

67 58.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

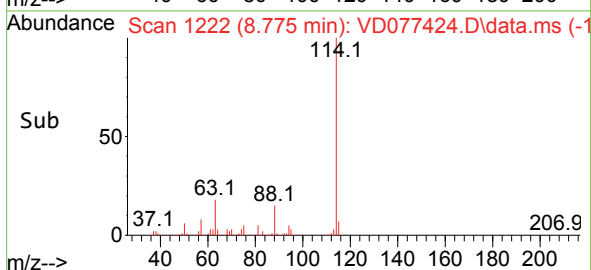
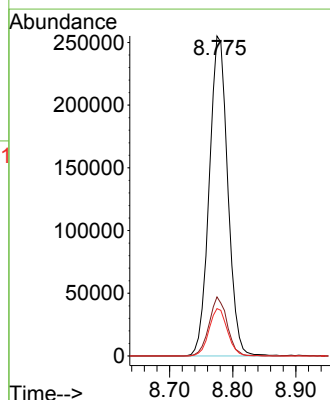
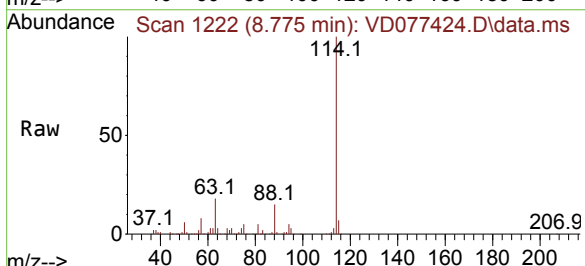
Tgt Ion: 114 Resp: 518452

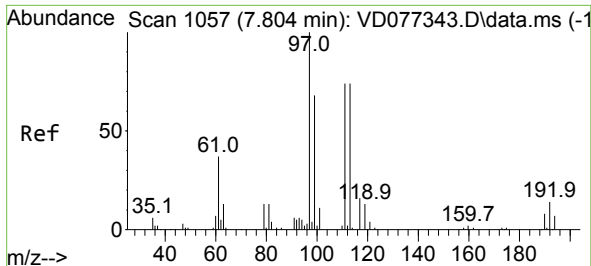
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.063 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.001 min

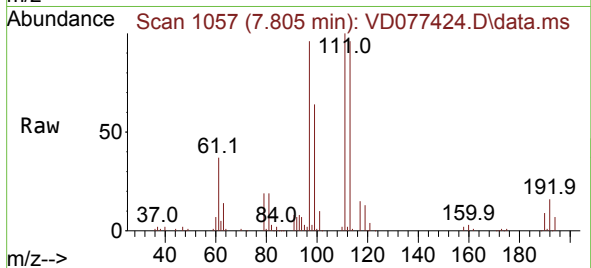
Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :



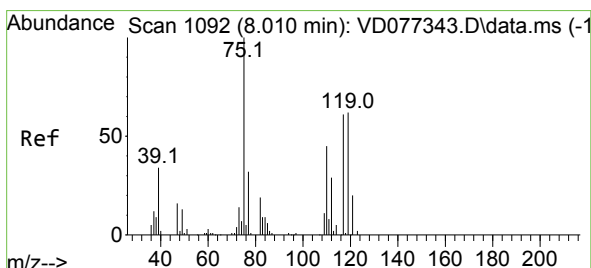
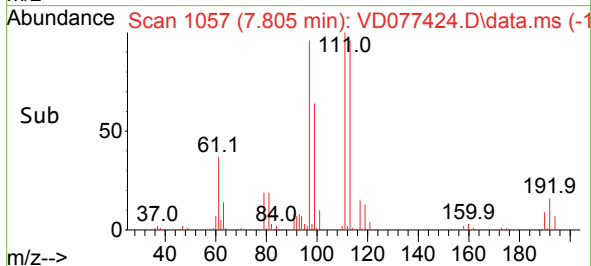
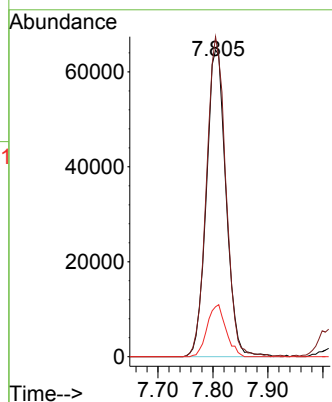
Tgt Ion:113 Resp: 160492

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 16.2 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 42.041 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

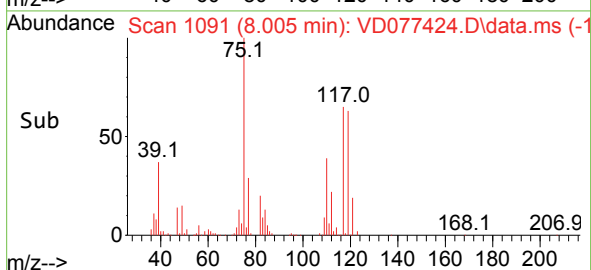
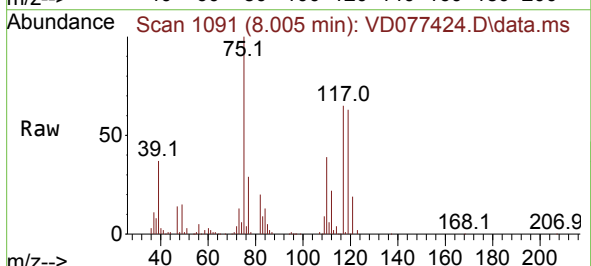
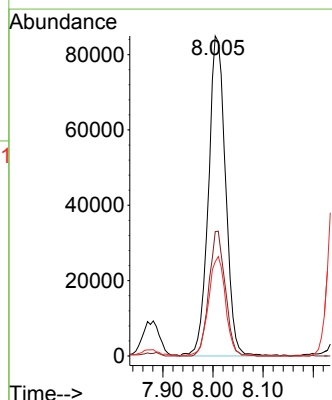
Tgt Ion: 75 Resp: 201205

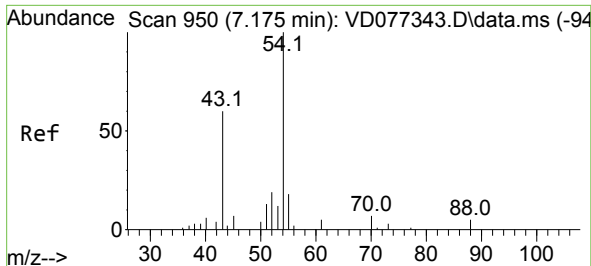
Ion Ratio Lower Upper

75 100

110 37.2 19.9 59.6

77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 47.335 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077424.D

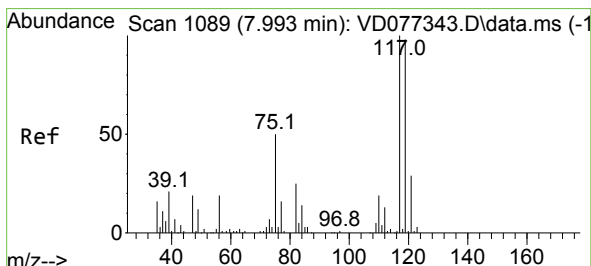
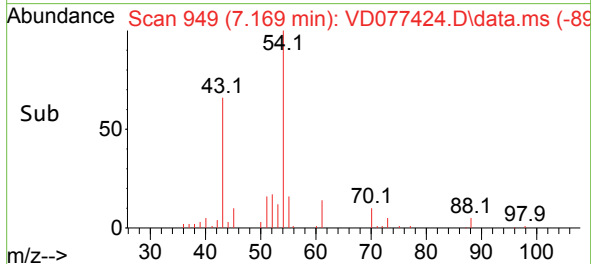
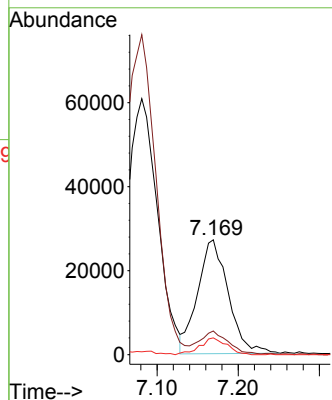
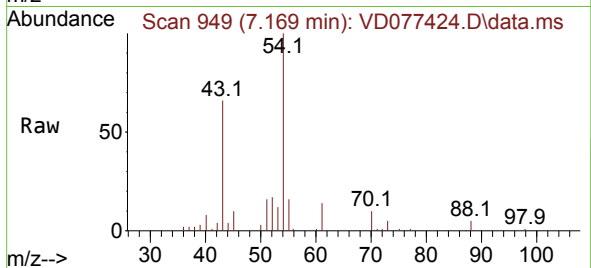
Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 71162
Ion Ratio	Lower Upper
43	100
61	18.0 14.9 22.3
70	12.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 35.347 ug/l

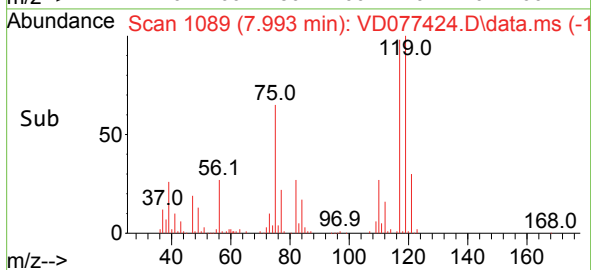
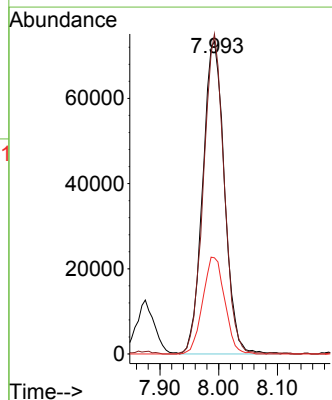
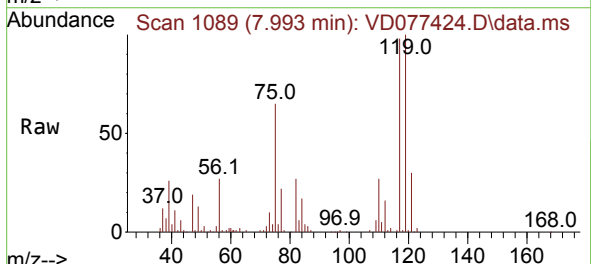
RT: 7.993 min Scan# 1089

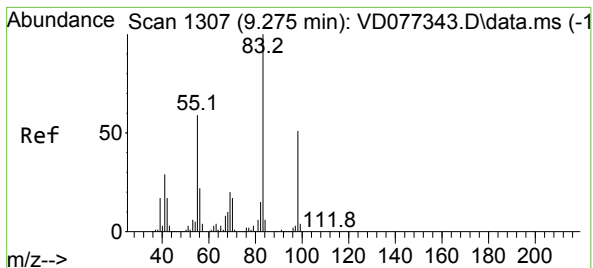
Delta R.T. -0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Tgt Ion: 117	Resp: 188192
Ion Ratio	Lower Upper
117	100
119	102.0 78.0 117.0
121	30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 42.364 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

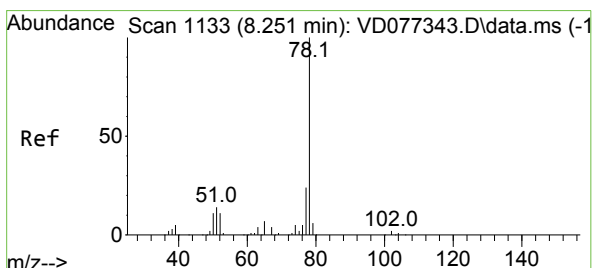
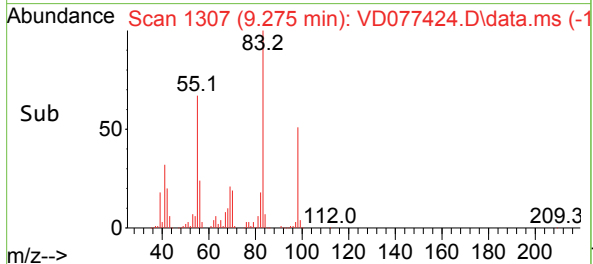
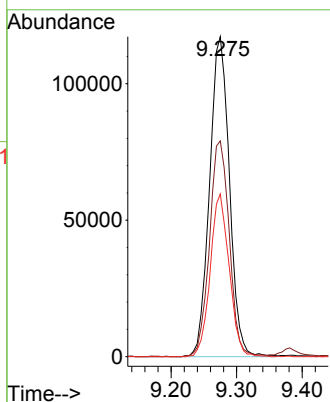
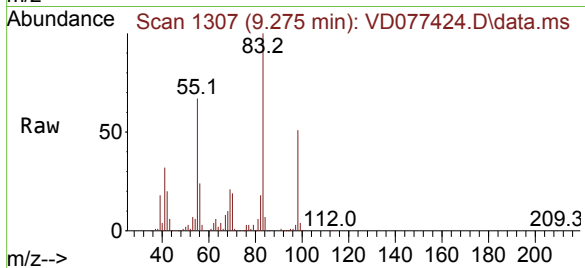
Tgt Ion: 83 Resp: 246363

Ion Ratio Lower Upper

83 100

55 67.4 49.4 74.0

98 50.9 38.4 57.6



#40

Benzene

Concen: 45.762 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077424.D

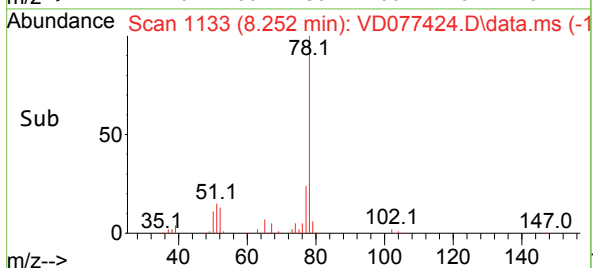
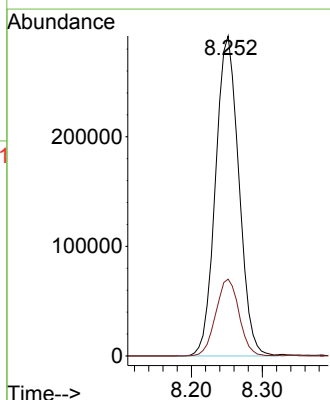
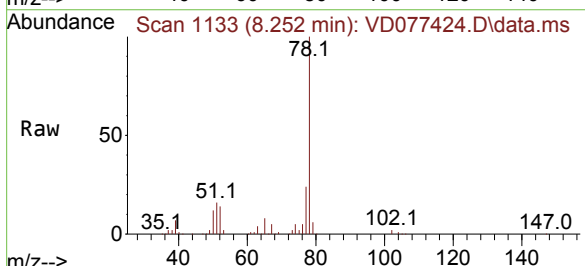
Acq: 25 Oct 2023 19:45

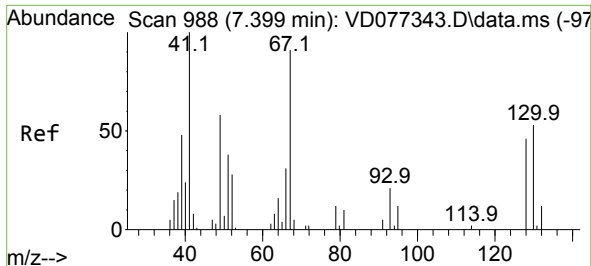
Tgt Ion: 78 Resp: 664650

Ion Ratio Lower Upper

78 100

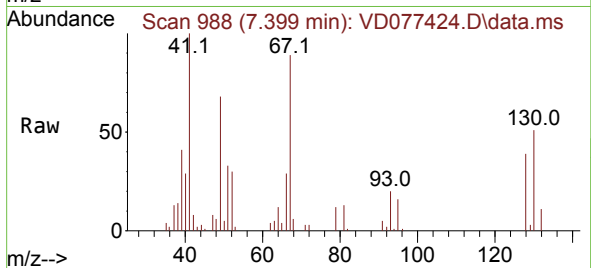
77 23.9 19.4 29.0



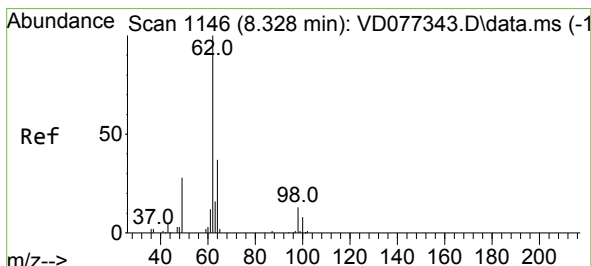
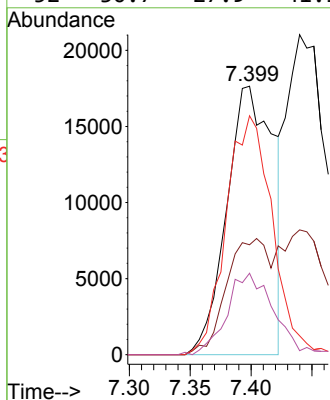
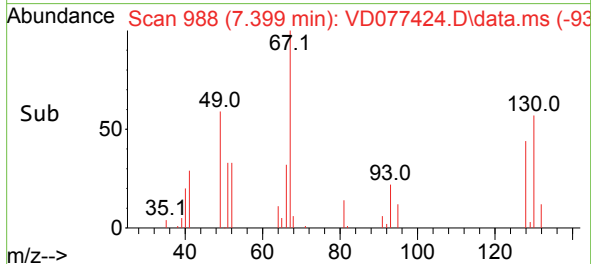


#41
Methacrylonitrile
Concen: 65.353 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :

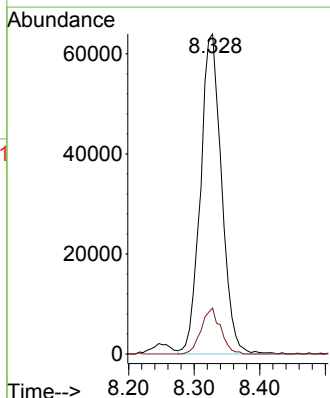
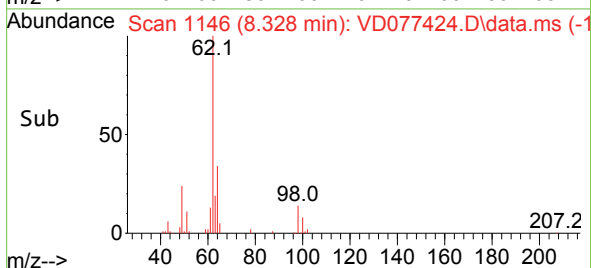
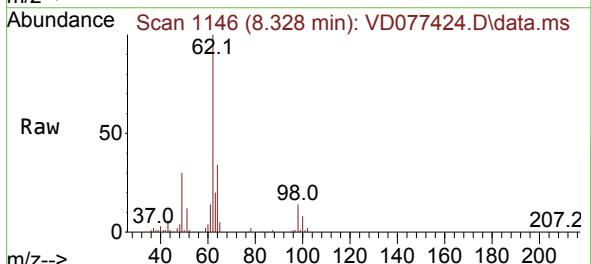


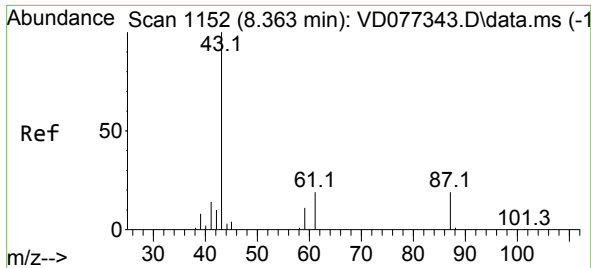
Tgt Ion: 41 Resp: 46889
Ion Ratio Lower Upper
41 100
39 39.8 34.0 51.0
67 88.0 77.0 115.4
52 30.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 41.852 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 62 Resp: 143178
Ion Ratio Lower Upper
62 100
98 13.2 0.0 25.4

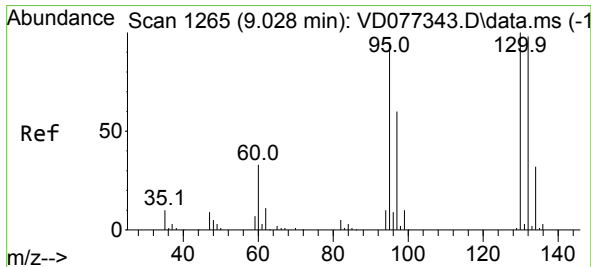
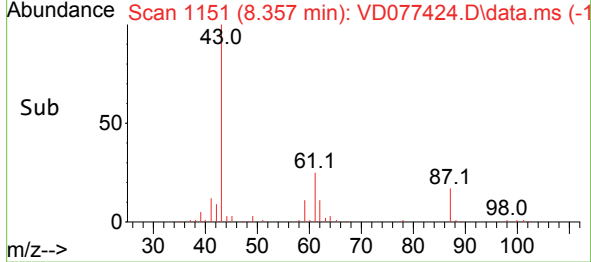
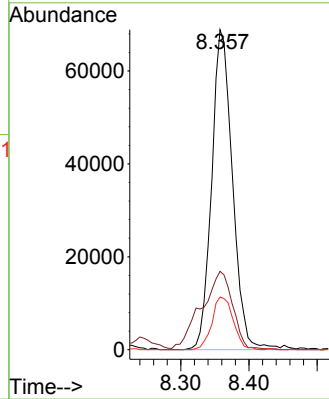
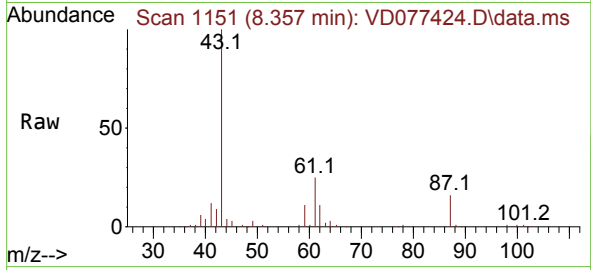




#43
Isopropyl Acetate
Concen: 54.141 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

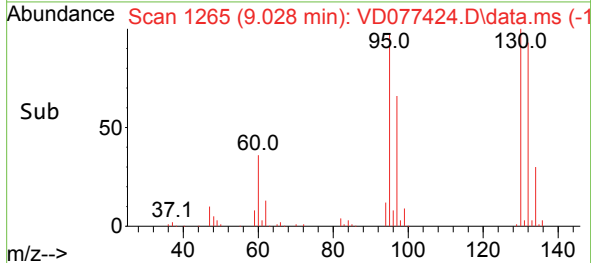
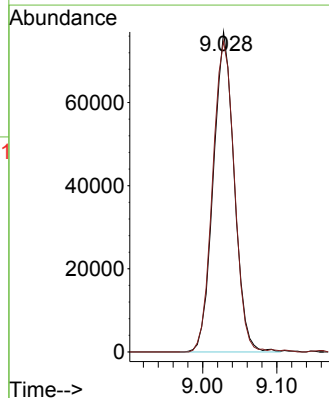
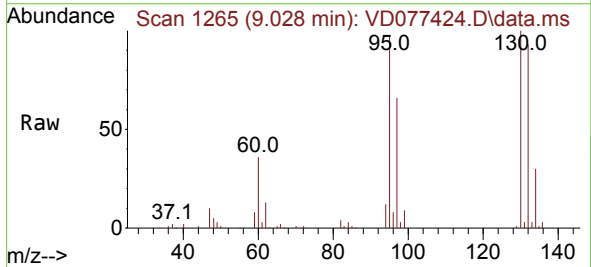
Instrument :
MSVOA_D
ClientSampleId :

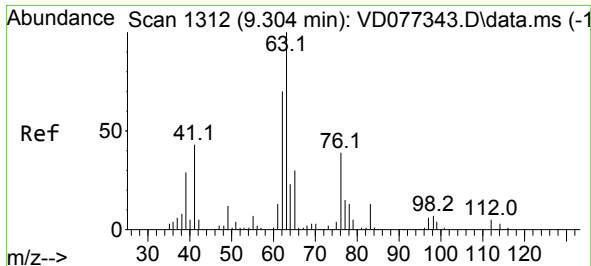
Tgt Ion: 43 Resp: 146530
Ion Ratio Lower Upper
43 100
61 36.7 31.4 47.0
87 16.8 14.9 22.3



#44
Trichloroethene
Concen: 35.502 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion:130 Resp: 150756
Ion Ratio Lower Upper
130 100
95 97.0 0.0 179.2

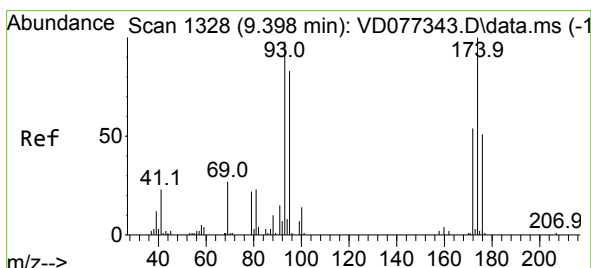
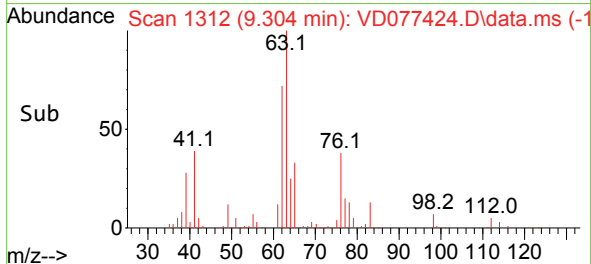
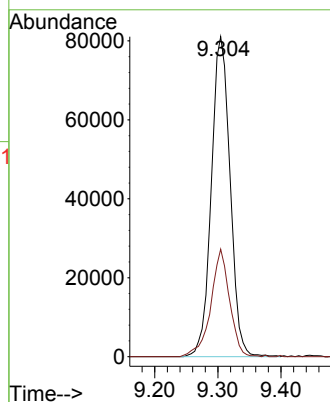
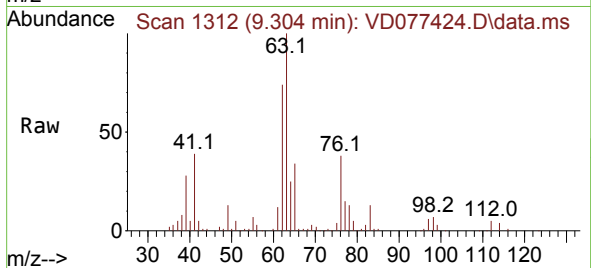




#45
1,2-Dichloropropane
Concen: 49.994 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

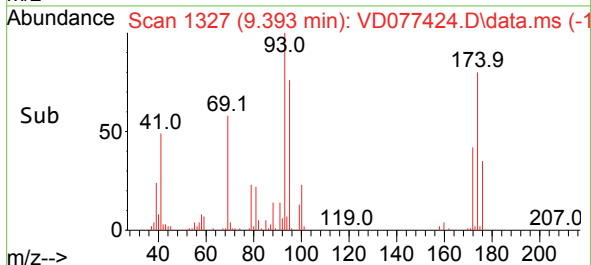
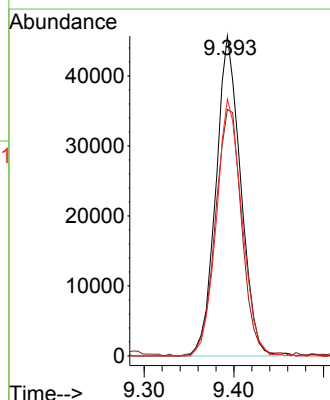
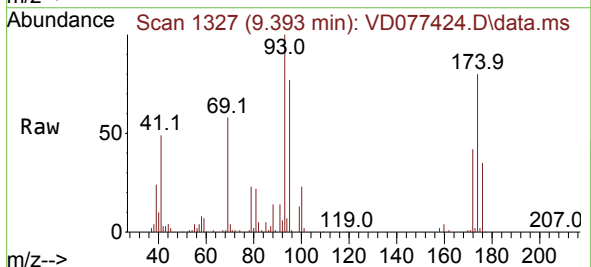
Instrument :
MSVOA_D
ClientSampleId :

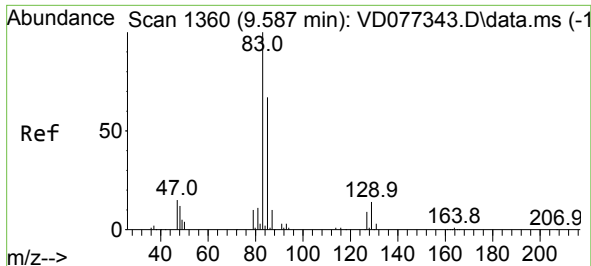
Tgt Ion: 63 Resp: 167380
Ion Ratio Lower Upper
63 100
65 33.6 24.5 36.7



#46
Dibromomethane
Concen: 41.769 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.005 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 93 Resp: 87427
Ion Ratio Lower Upper
93 100
95 82.2 67.7 101.5
174 82.9 85.4 128.2#

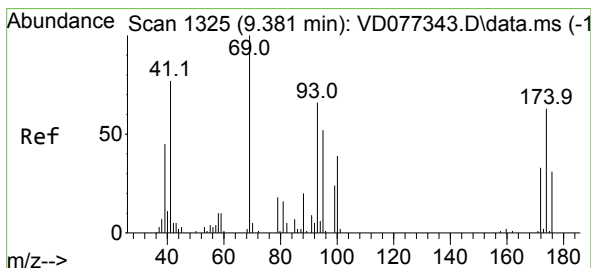
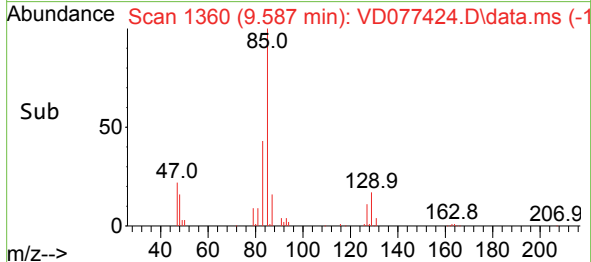
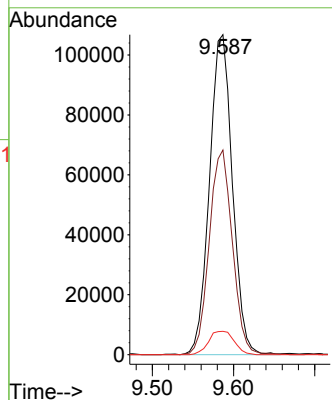
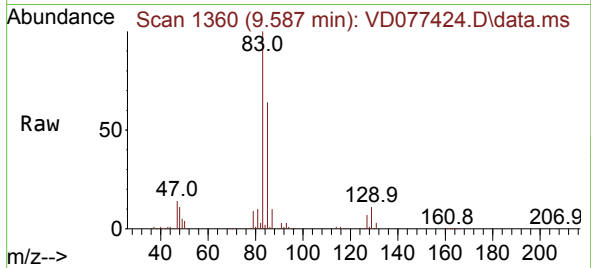




#47
Bromodichloromethane
Concen: 41.940 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

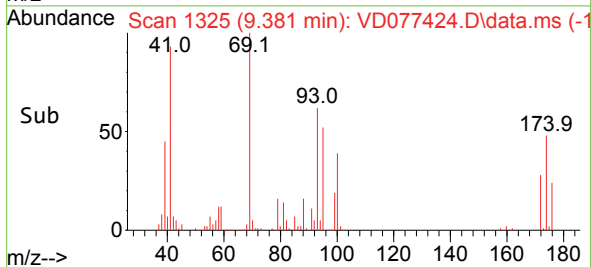
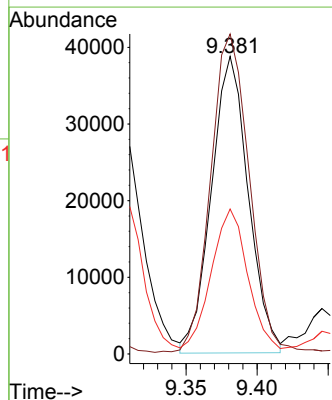
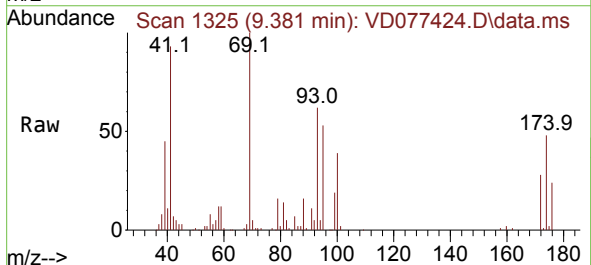
Instrument :
MSVOA_D
ClientSampleId :

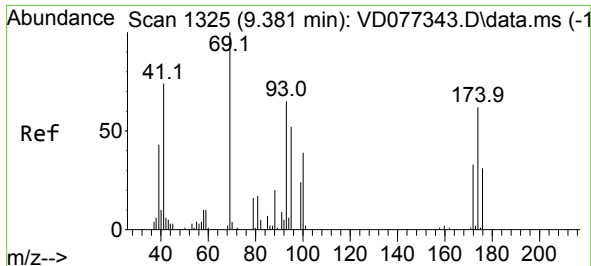
Tgt Ion: 83 Resp: 209321
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 57.239 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 41 Resp: 70081
Ion Ratio Lower Upper
41 100
69 112.1 102.2 153.2
39 50.0 41.4 62.2





#49

1,4-Dioxane

Concen: 807.988 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

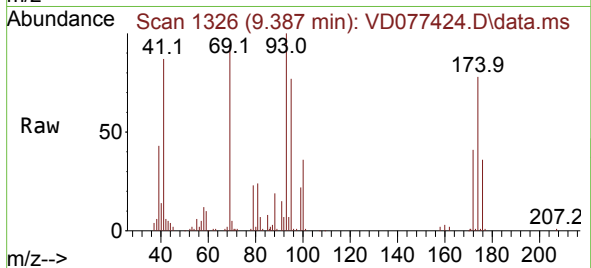
Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :



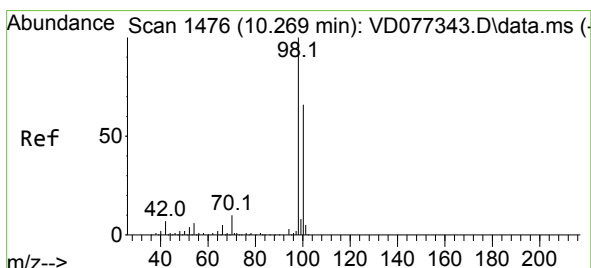
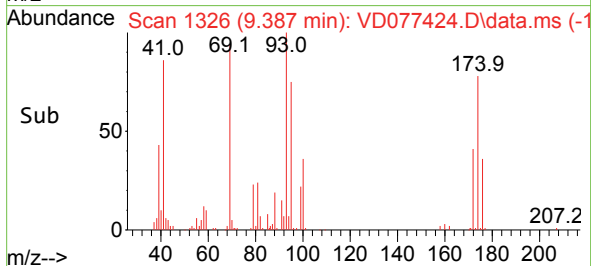
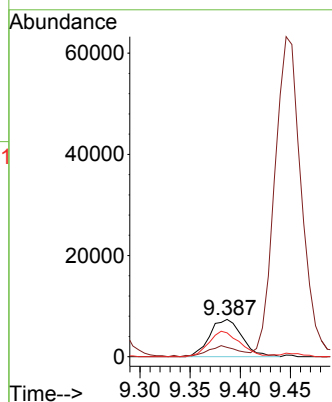
Tgt Ion: 88 Resp: 16462

Ion Ratio Lower Upper

88 100

43 28.1 19.0 28.6

58 65.7 43.5 65.3#



#50

Toluene-d8

Concen: 56.557 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077424.D

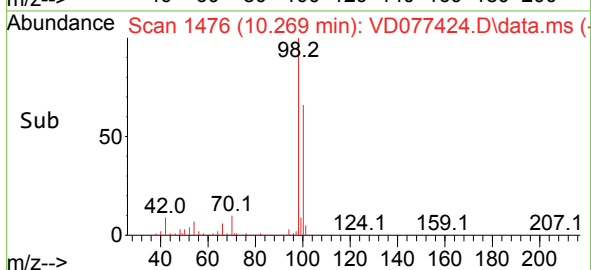
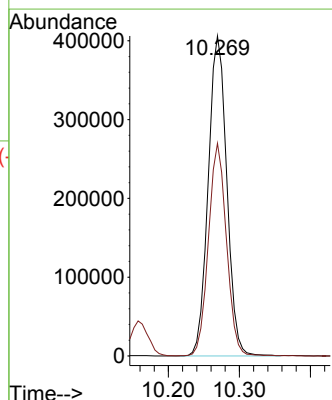
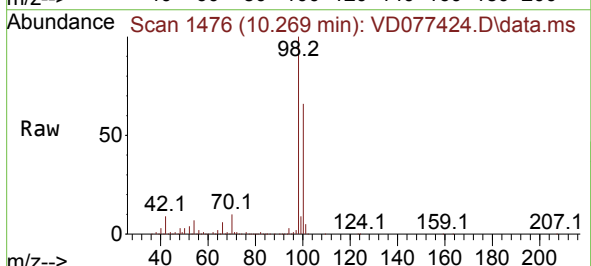
Acq: 25 Oct 2023 19:45

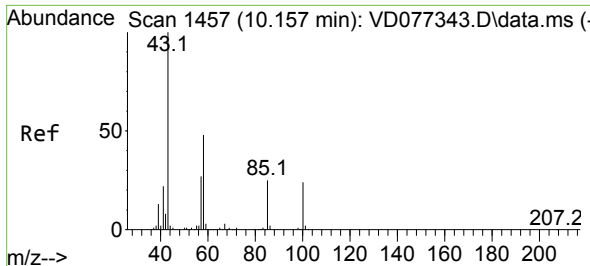
Tgt Ion: 98 Resp: 737747

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

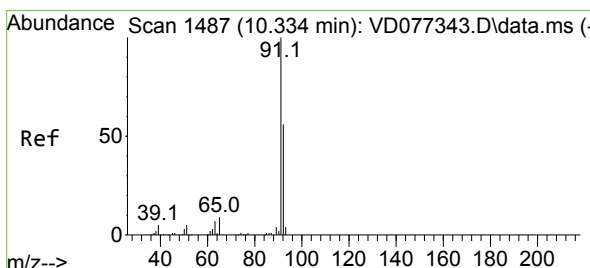
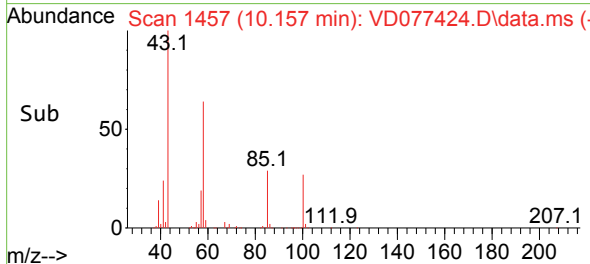
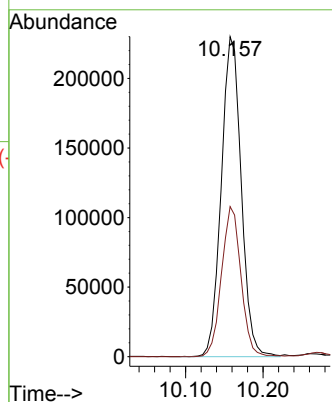
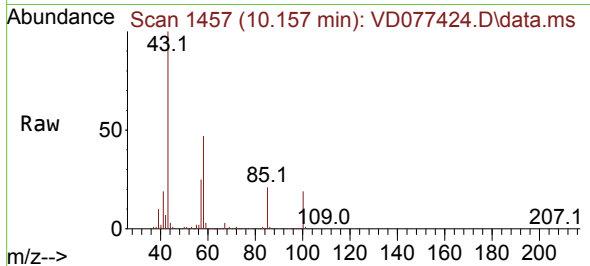




#51
4-Methyl-2-Pentanone
Concen: 303.944 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

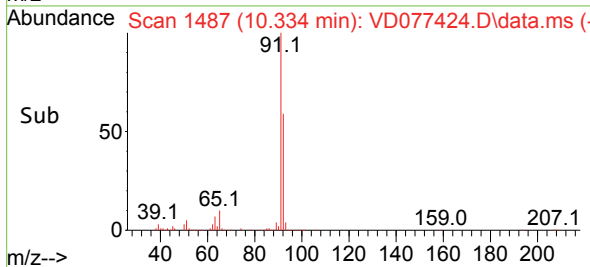
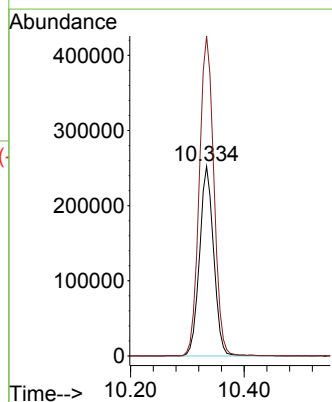
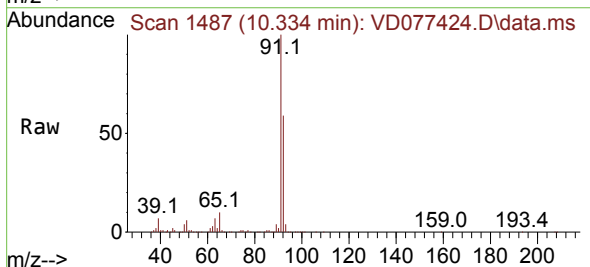
Instrument :
MSVOA_D
ClientSampleId :

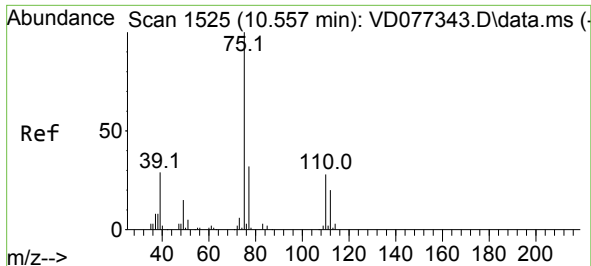
Tgt Ion: 43 Resp: 412357
Ion Ratio Lower Upper
43 100
58 45.8 38.9 58.3



#52
Toluene
Concen: 46.012 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 92 Resp: 436328
Ion Ratio Lower Upper
92 100
91 174.2 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 48.490 ug/l

RT: 10.551 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

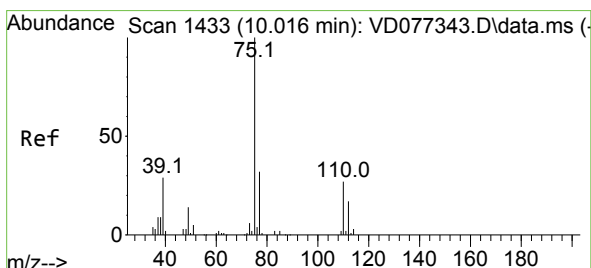
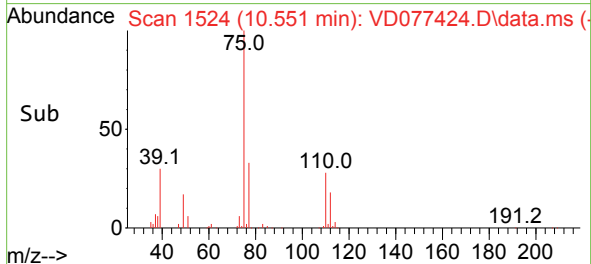
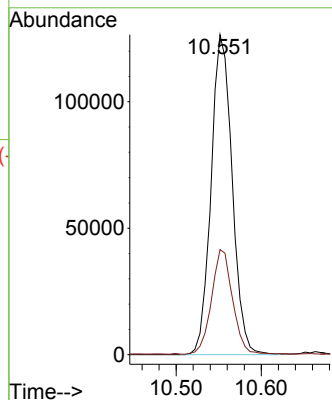
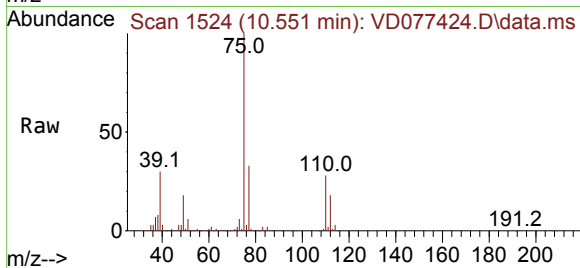
ClientSampleId :

Tgt Ion: 75 Resp: 217237

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 47.847 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

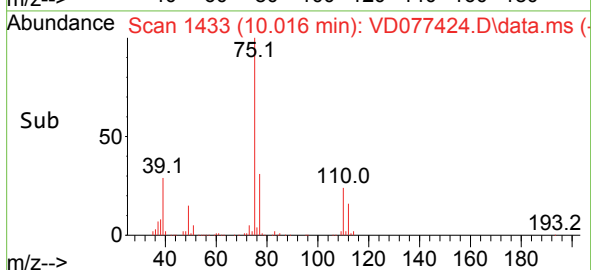
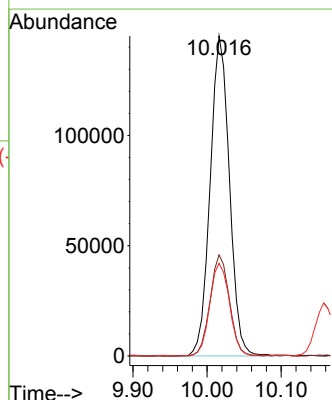
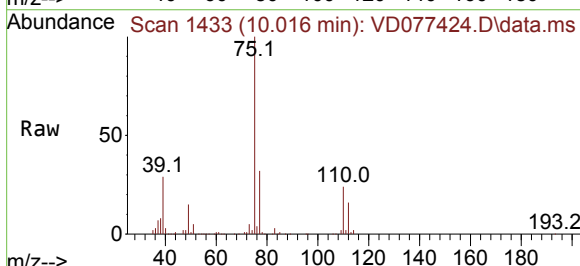
Tgt Ion: 75 Resp: 262271

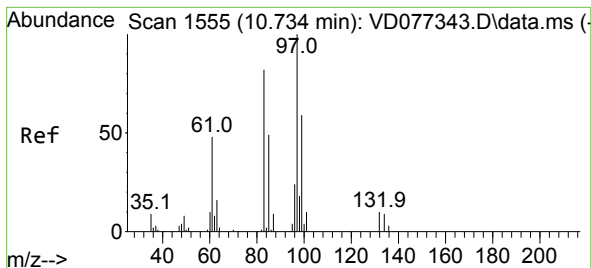
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 29.0 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 46.820 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 135734

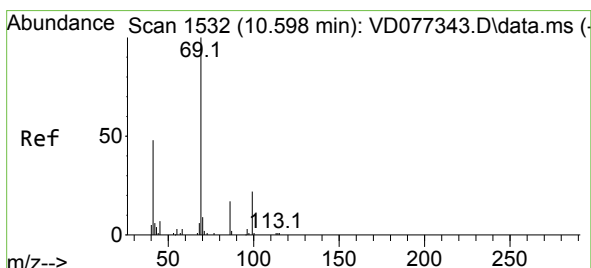
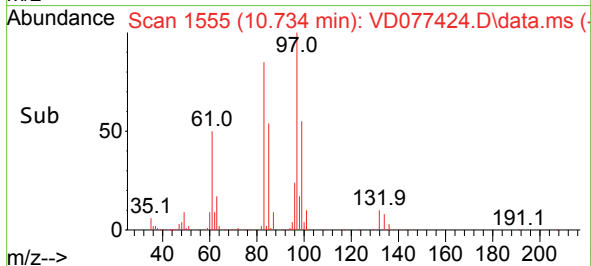
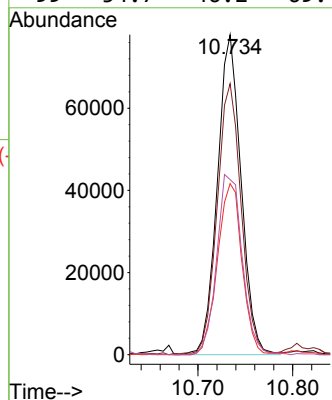
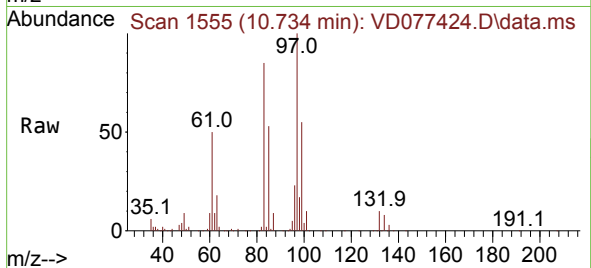
Ion Ratio Lower Upper

97 100

83 84.4 65.8 98.6

85 53.5 45.7 68.5

99 54.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 58.371 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

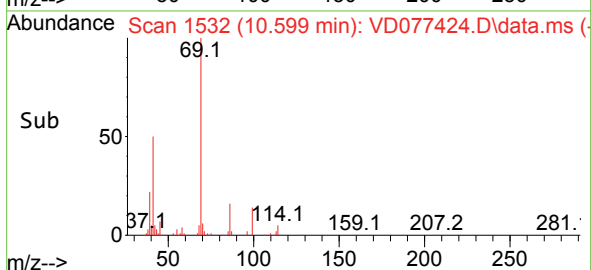
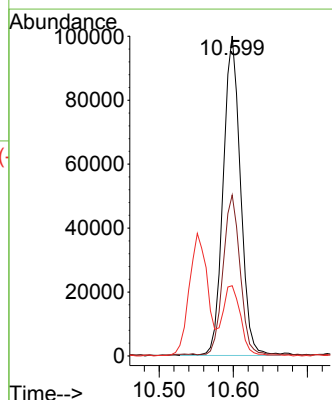
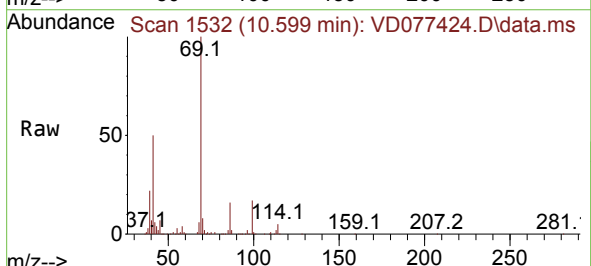
Tgt Ion: 69 Resp: 161722

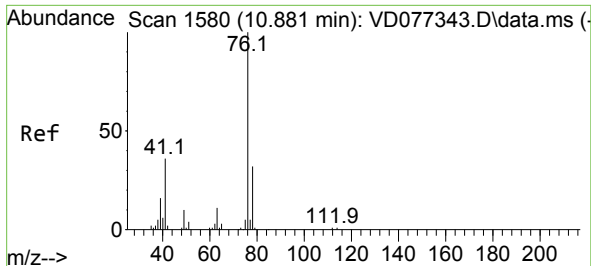
Ion Ratio Lower Upper

69 100

41 49.4 39.1 58.7

39 23.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 51.164 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

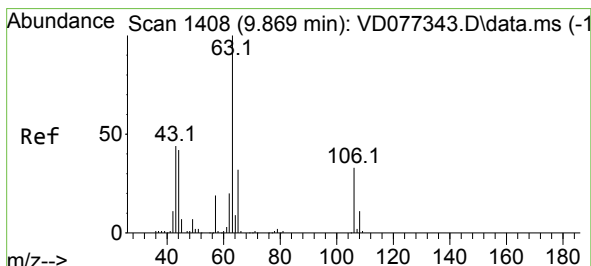
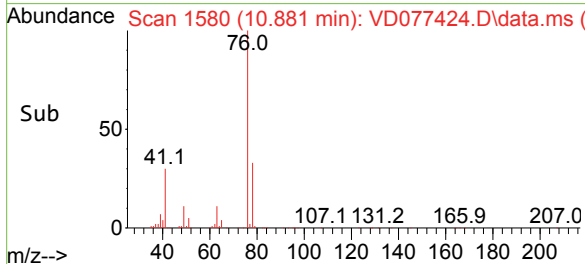
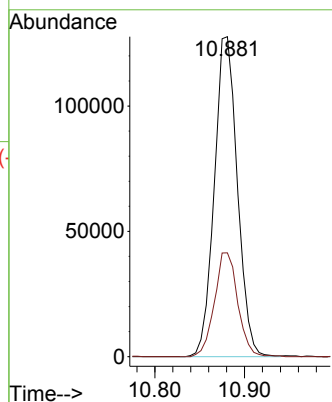
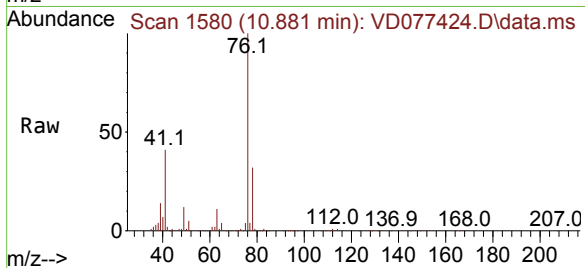
ClientSampleId :

Tgt Ion: 76 Resp: 227847

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 287.820 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077424.D

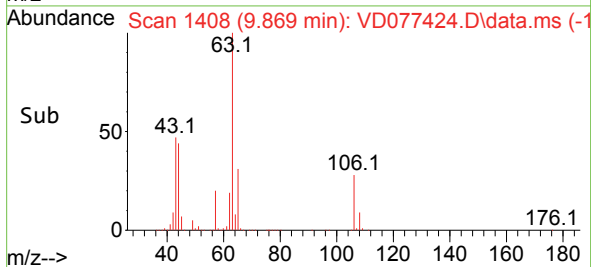
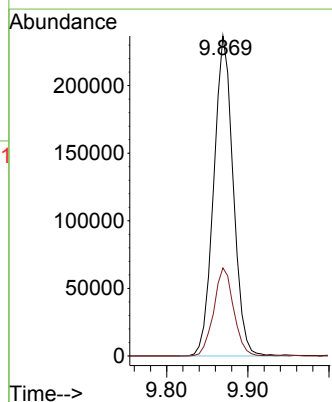
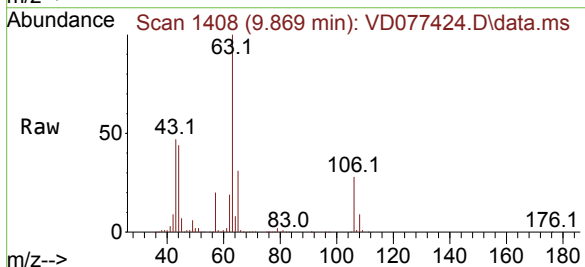
Acq: 25 Oct 2023 19:45

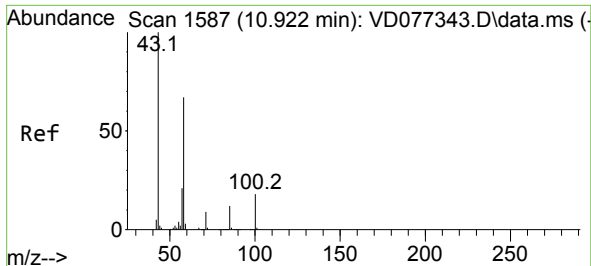
Tgt Ion: 63 Resp: 394347

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

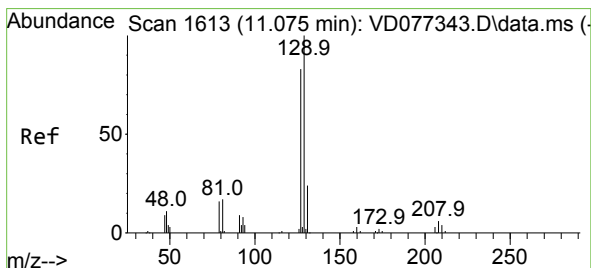
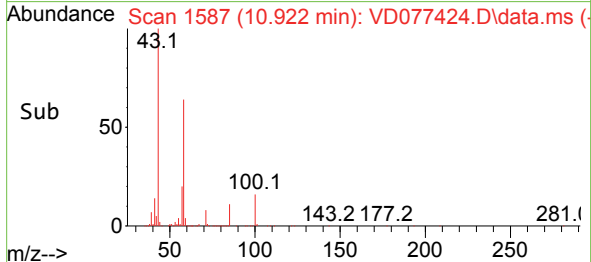
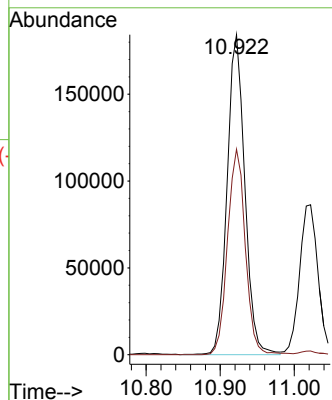
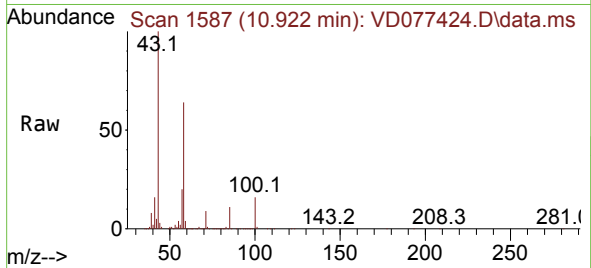




#59
2-Hexanone
Concen: 312.844 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

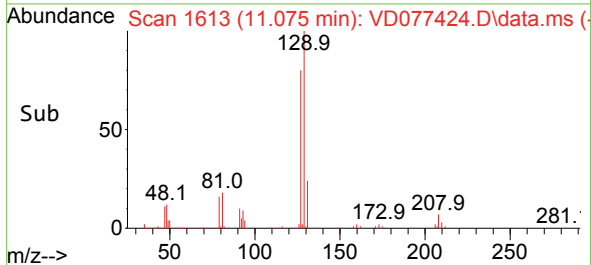
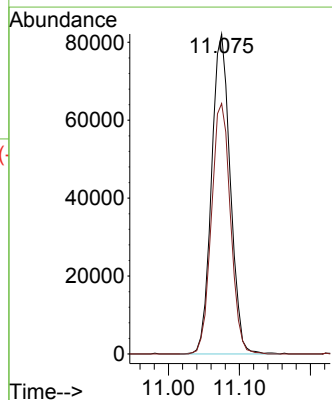
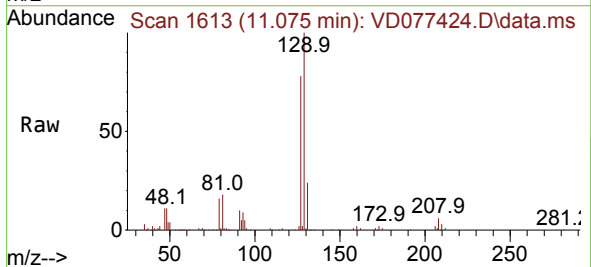
Instrument :
MSVOA_D
ClientSampleId :

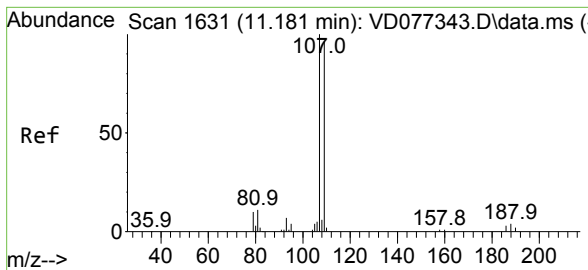
Tgt Ion: 43 Resp: 304833
Ion Ratio Lower Upper
43 100
58 64.8 34.1 102.2



#60
Dibromochloromethane
Concen: 40.587 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 129 Resp: 150243
Ion Ratio Lower Upper
129 100
127 79.6 37.1 111.5

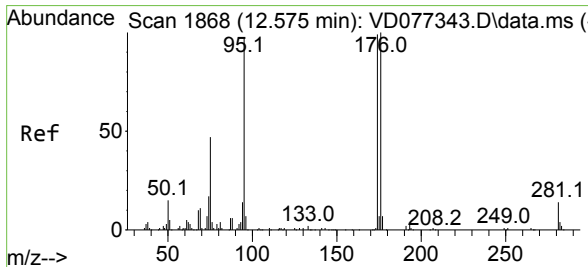
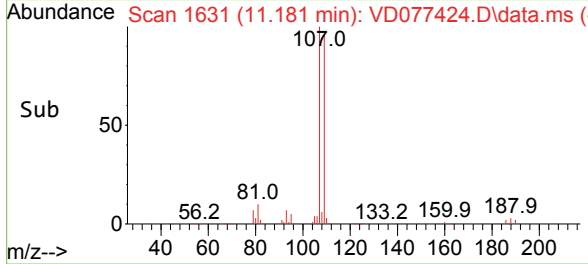
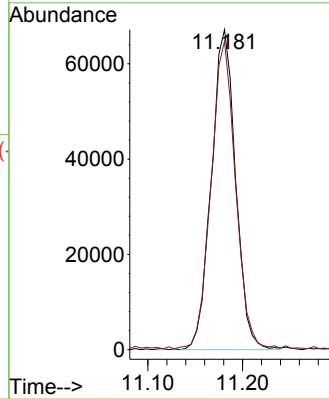
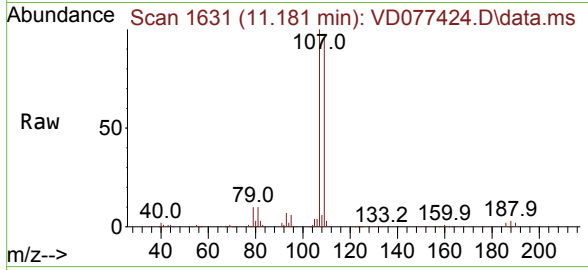




#61
1,2-Dibromoethane
Concen: 43.702 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

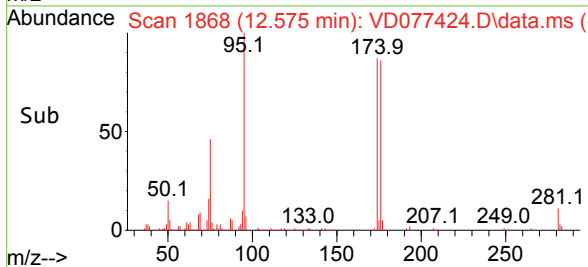
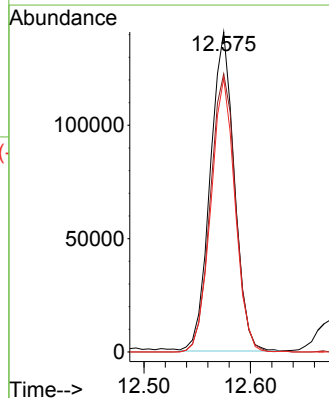
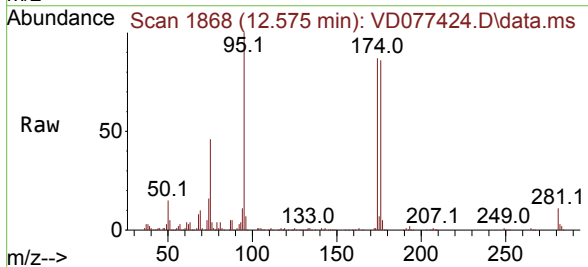
Instrument :
MSVOA_D
ClientSampleId :

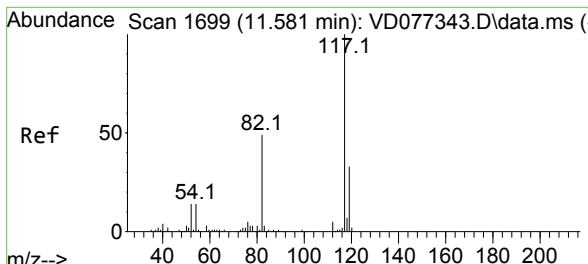
Tgt Ion:107 Resp: 119383
Ion Ratio Lower Upper
107 100
109 97.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.878 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 95 Resp: 221083
Ion Ratio Lower Upper
95 100
174 90.8 0.0 201.8
176 85.9 0.0 191.8

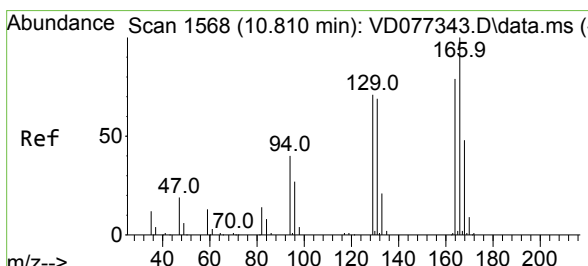
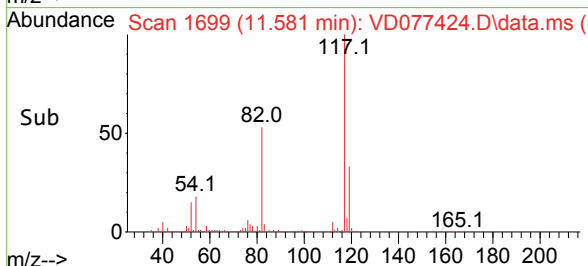
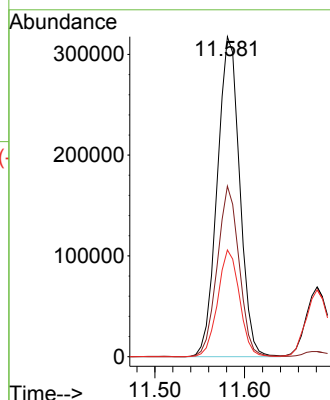
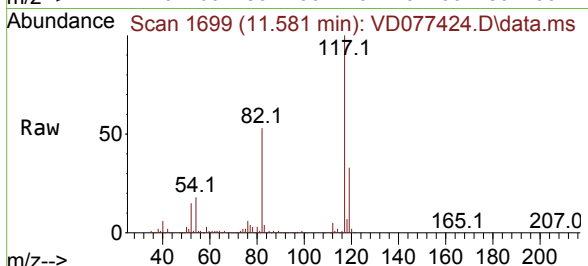




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

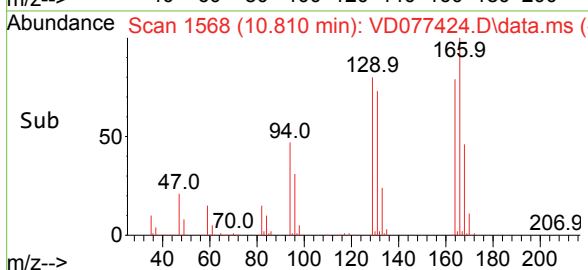
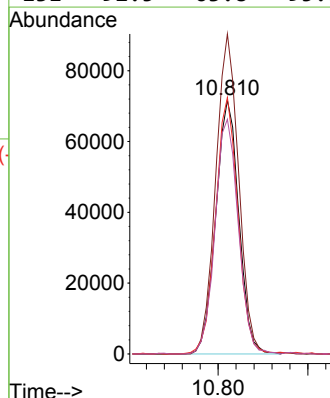
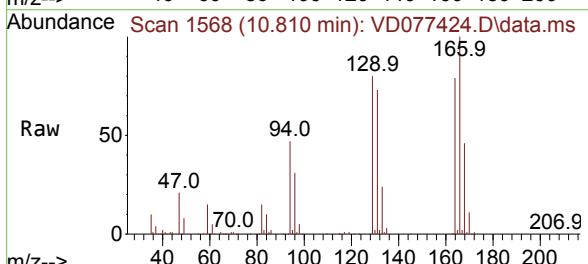
Instrument :
MSVOA_D
ClientSampleId :

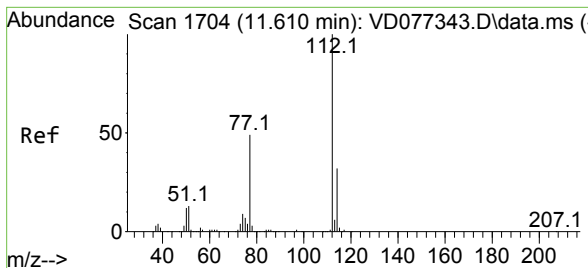
Tgt Ion:	117	Resp:	550963
Ion Ratio	Lower	Upper	
117	100		
82	53.3	38.3	57.5
119	33.4	25.0	37.4



#64
Tetrachloroethene
Concen: 31.215 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion:	164	Resp:	127828
Ion Ratio	Lower	Upper	
164	100		
166	126.1	99.2	148.8
129	101.1	68.4	102.6
131	92.5	63.8	95.8

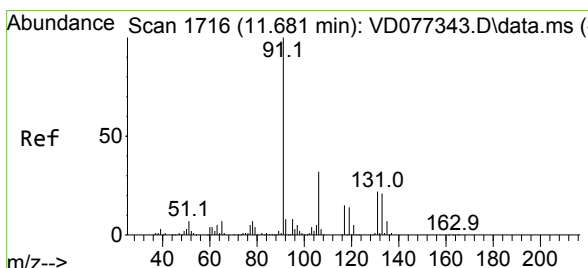
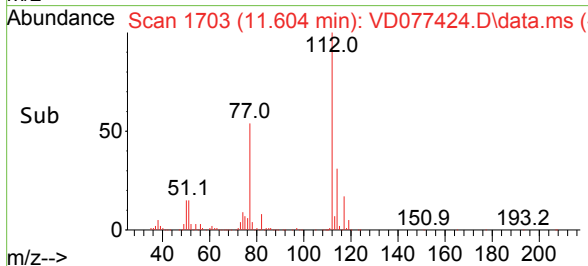
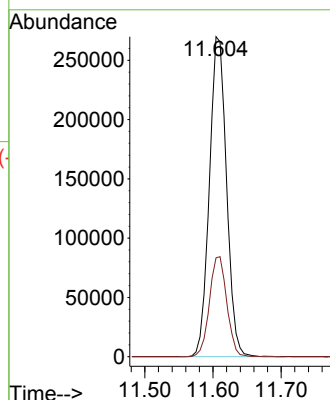
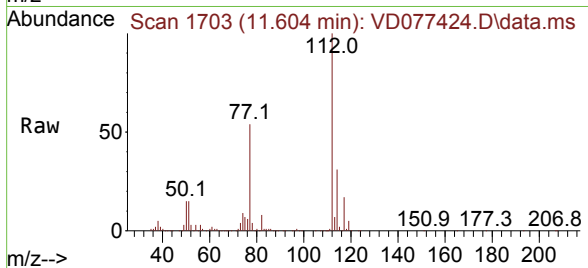




#65
Chlorobenzene
Concen: 39.320 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

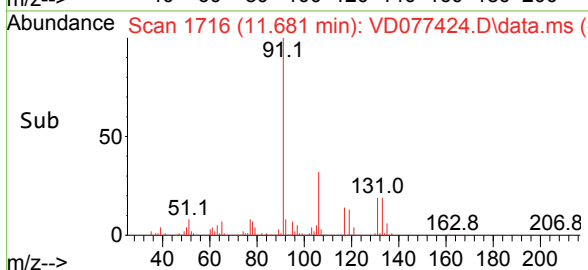
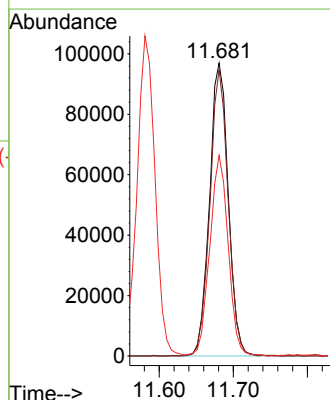
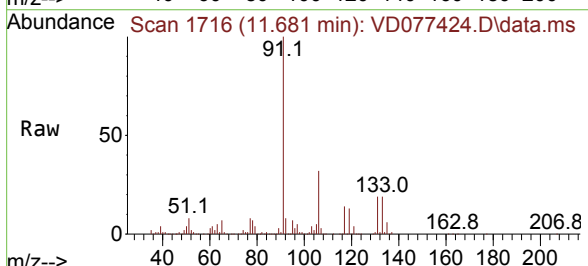
Instrument :
MSVOA_D
ClientSampleId :

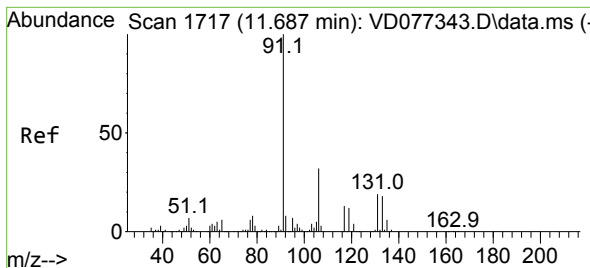
Tgt Ion:112 Resp: 472210
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 37.281 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion:131 Resp: 170191
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 67.3 35.6 106.9





#67

Ethyl Benzene

Concen: 41.953 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

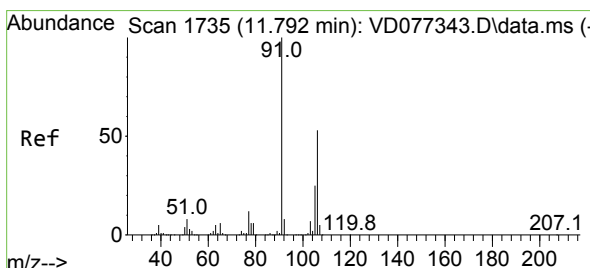
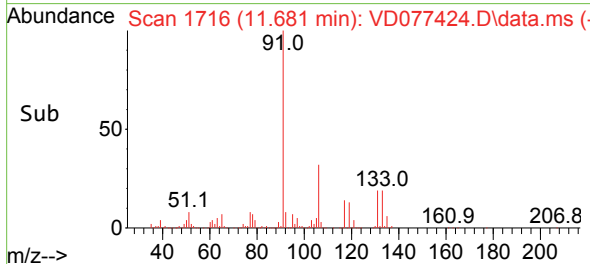
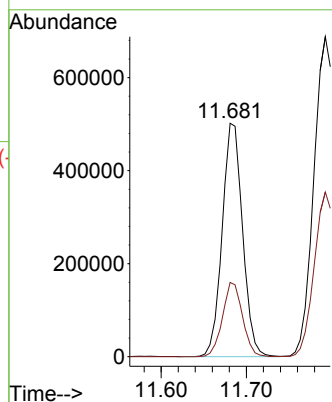
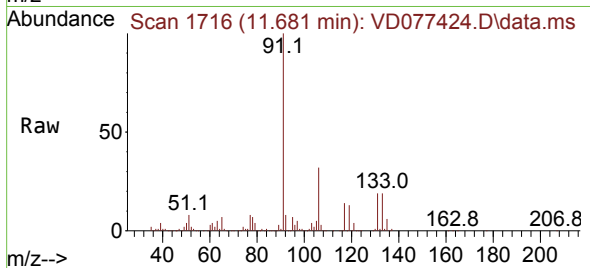
ClientSampleId :

Tgt Ion: 91 Resp: 835185

Ion Ratio Lower Upper

91 100

106 31.8 26.5 39.7



#68

m/p-Xylenes

Concen: 80.189 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077424.D

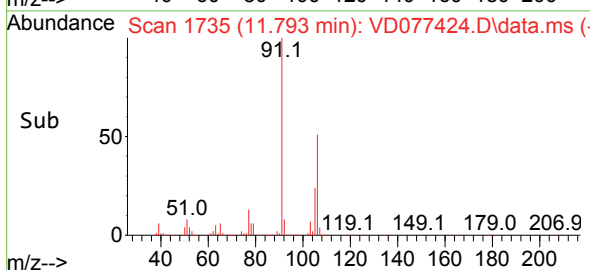
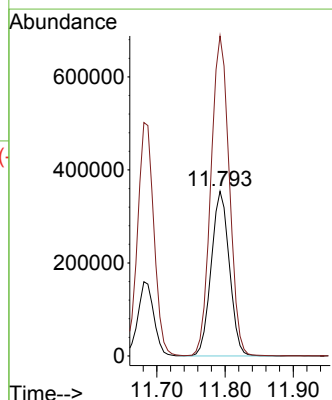
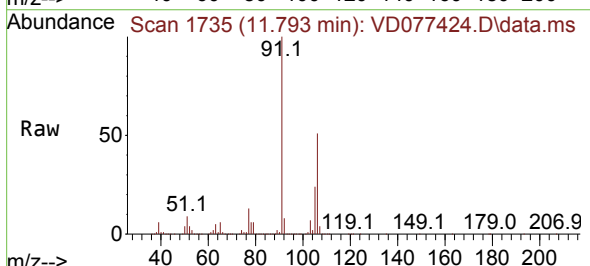
Acq: 25 Oct 2023 19:45

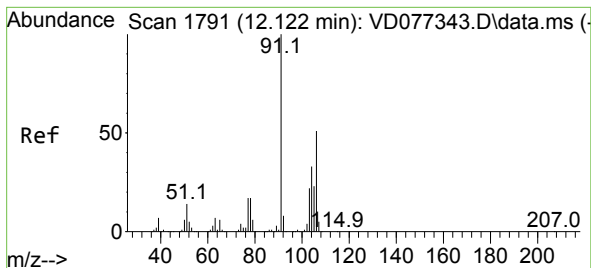
Tgt Ion:106 Resp: 655535

Ion Ratio Lower Upper

106 100

91 196.5 147.0 220.6





#69

o-Xylene

Concen: 40.675 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

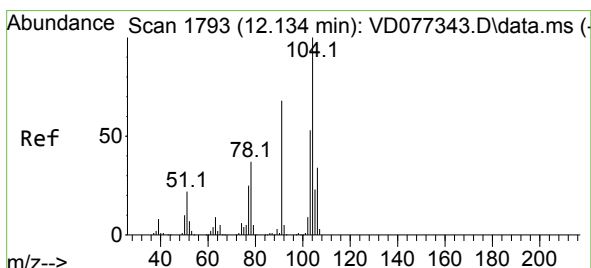
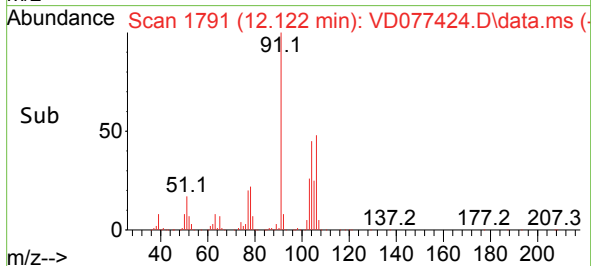
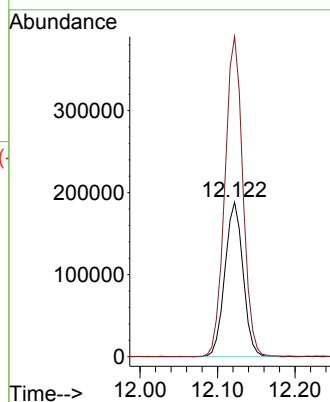
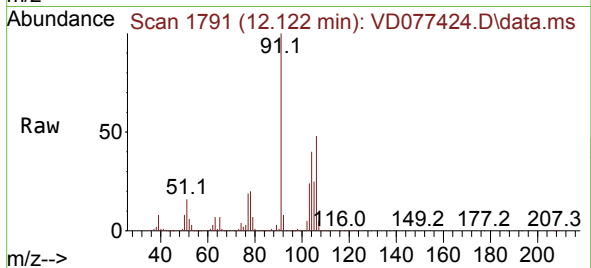
ClientSampleId :

Tgt Ion:106 Resp: 306099

Ion Ratio Lower Upper

106 100

91 206.4 97.9 293.6



#70

Styrene

Concen: 41.690 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

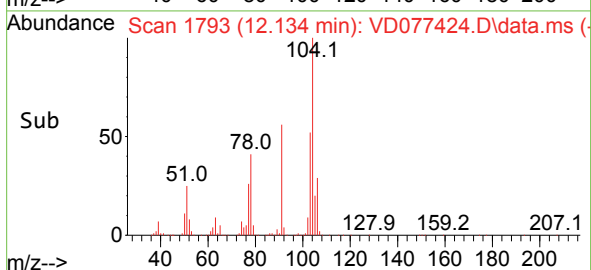
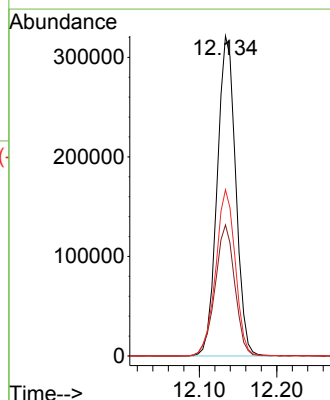
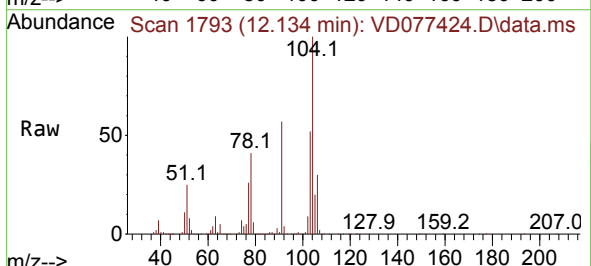
Tgt Ion:104 Resp: 535276

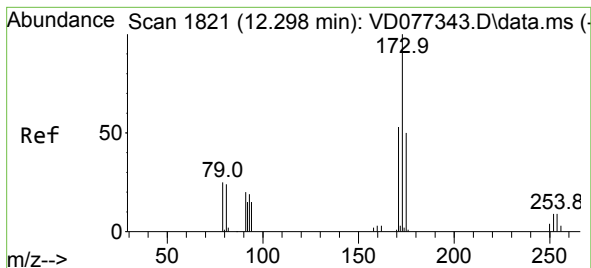
Ion Ratio Lower Upper

104 100

78 43.6 33.2 49.8

103 54.9 43.6 65.4





#71

Bromoform

Concen: 37.505 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077424.D

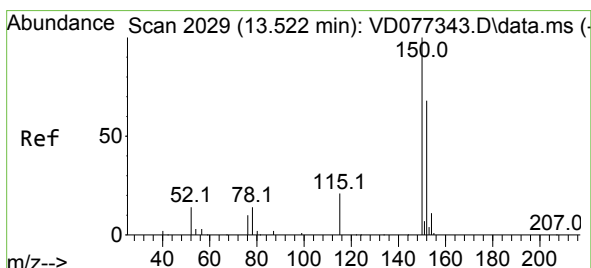
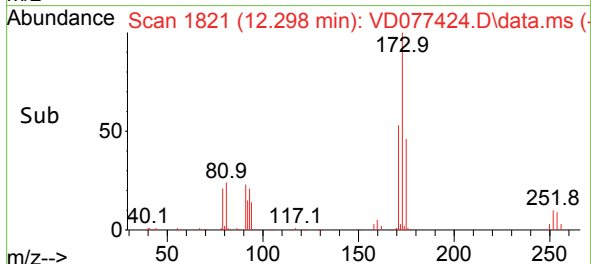
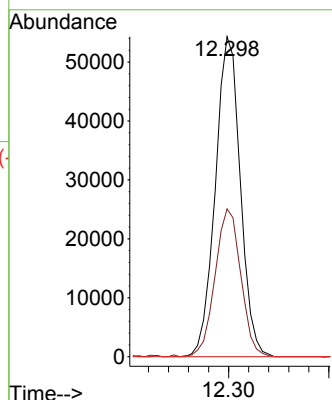
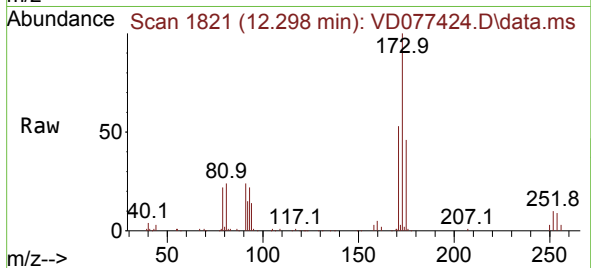
Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	93856
Ion Ratio	Lower	Upper
173	100	
175	47.6	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

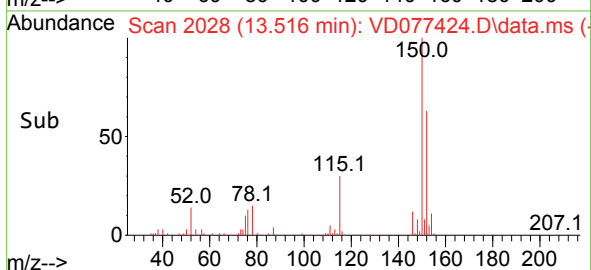
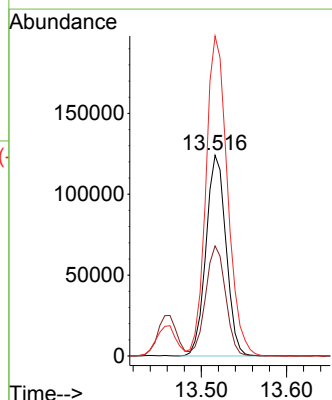
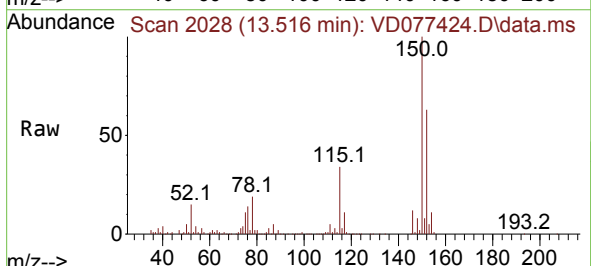
RT: 13.516 min Scan# 2028

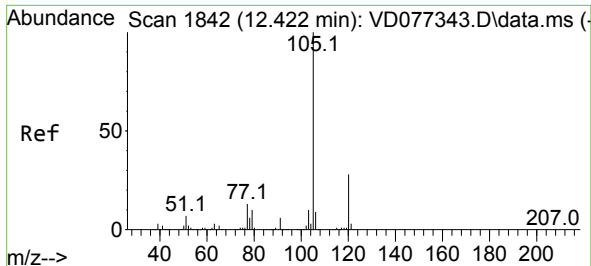
Delta R.T. -0.006 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Tgt Ion:152	Resp:	202749
Ion Ratio	Lower	Upper
152	100	
115	54.4	27.1 81.3
150	171.6	0.0 353.6

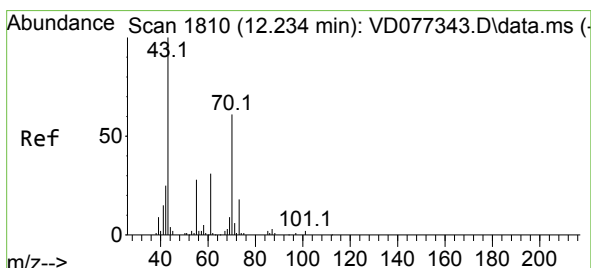
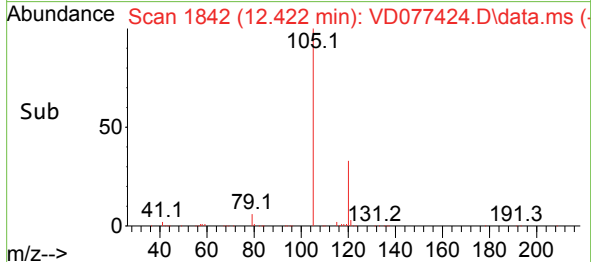
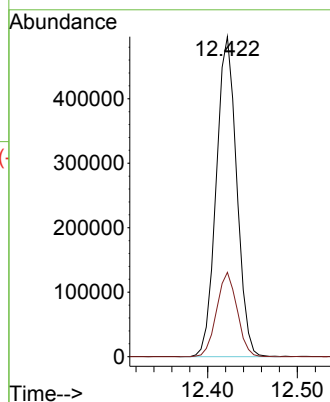
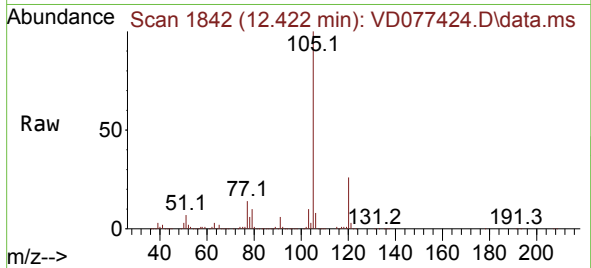




#73
Isopropylbenzene
Concen: 58.545 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

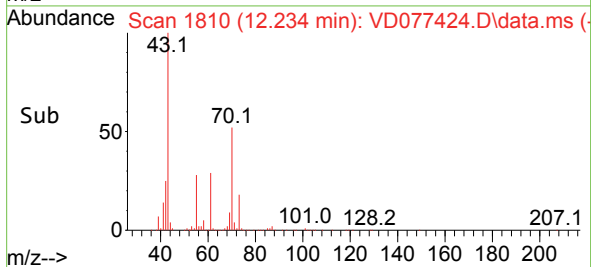
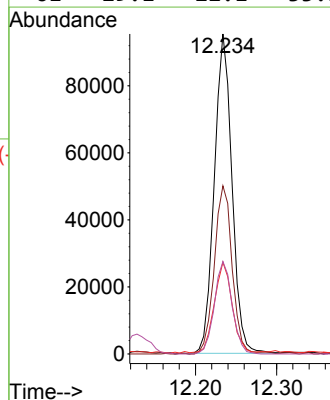
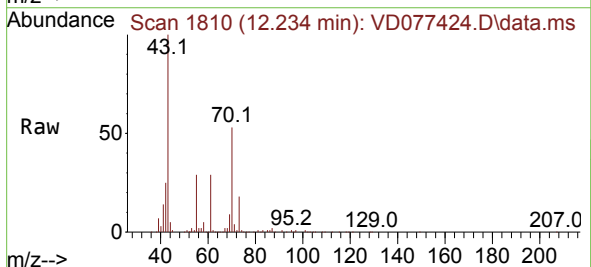
Instrument :
MSVOA_D
ClientSampleId :

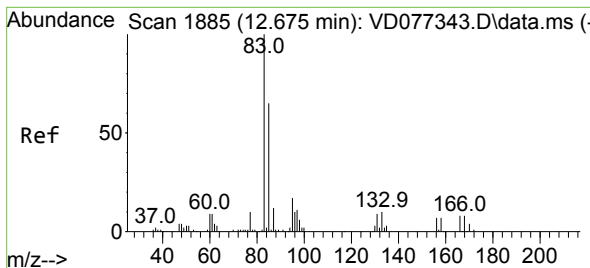
Tgt Ion:105 Resp: 785137
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 74.656 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion: 43 Resp: 144031
Ion Ratio Lower Upper
43 100
70 53.4 45.0 67.4
55 28.4 23.8 35.6
61 29.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 61.413 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

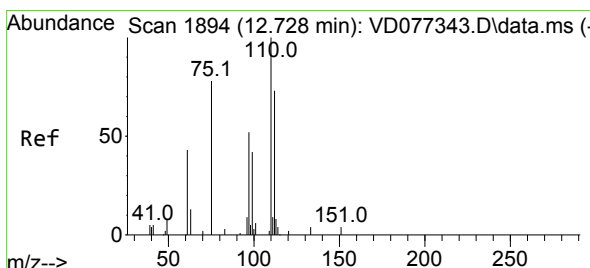
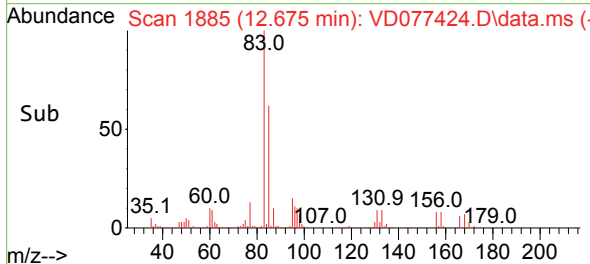
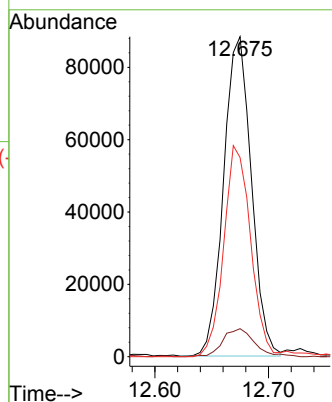
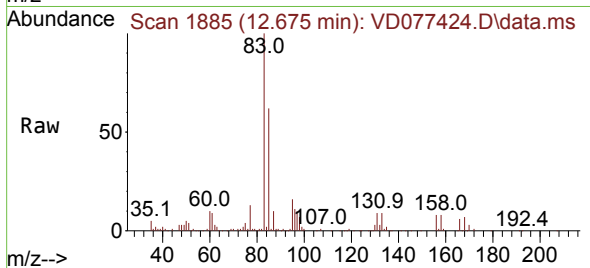
Tgt Ion: 83 Resp: 149660

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 63.087 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077424.D

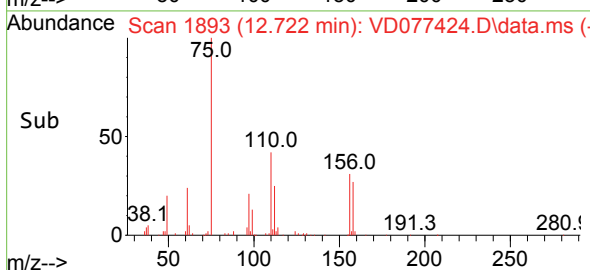
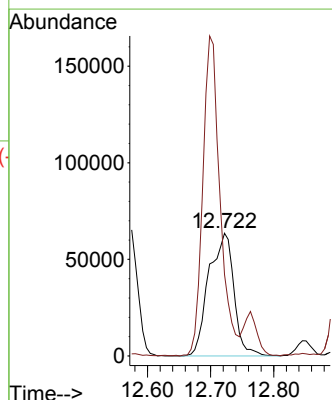
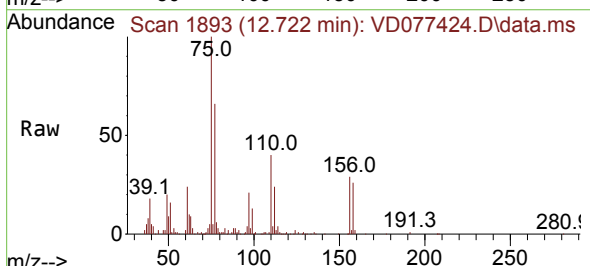
Acq: 25 Oct 2023 19:45

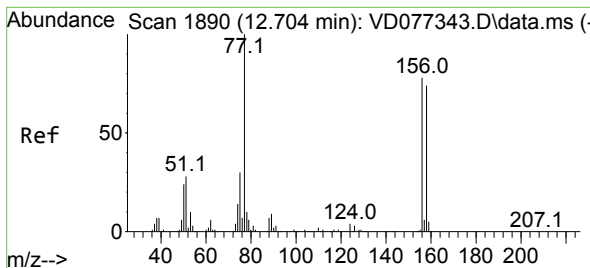
Tgt Ion: 75 Resp: 175732

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.974 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

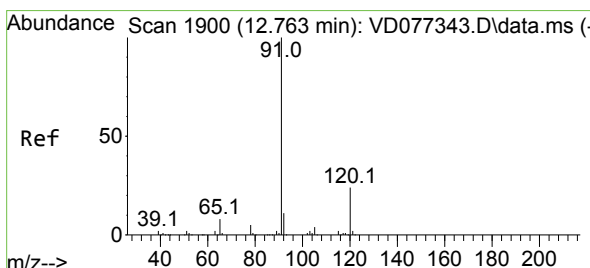
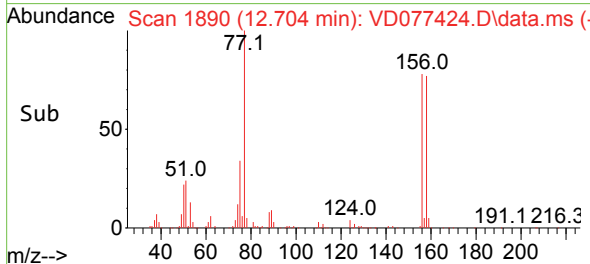
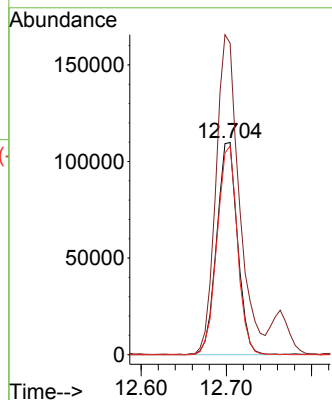
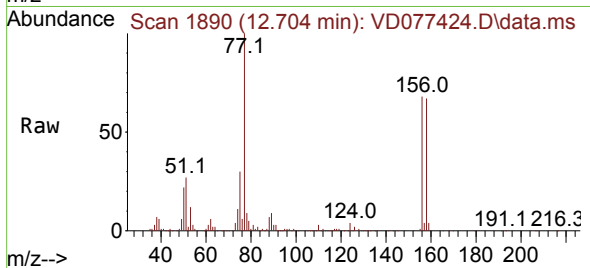
Tgt Ion:156 Resp: 186509

Ion Ratio Lower Upper

156 100

77 168.6 76.8 230.4

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 57.766 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077424.D

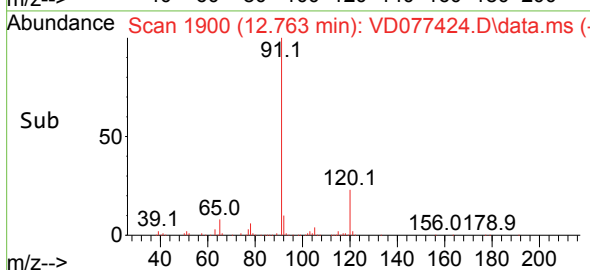
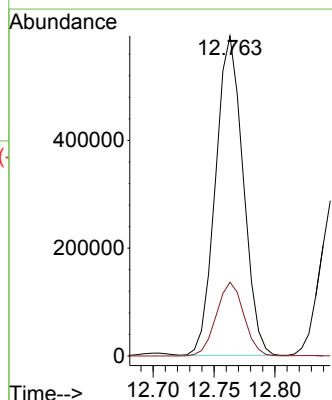
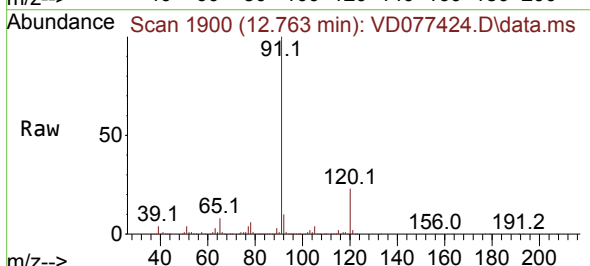
Acq: 25 Oct 2023 19:45

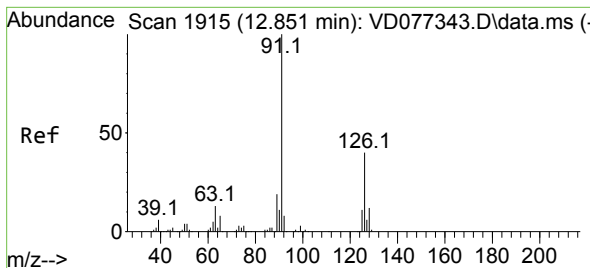
Tgt Ion: 91 Resp: 932964

Ion Ratio Lower Upper

91 100

120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 57.255 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

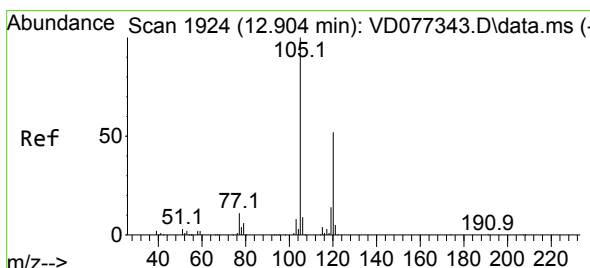
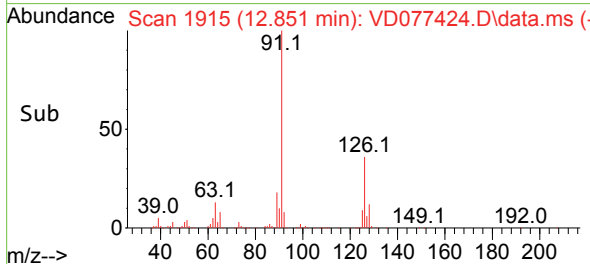
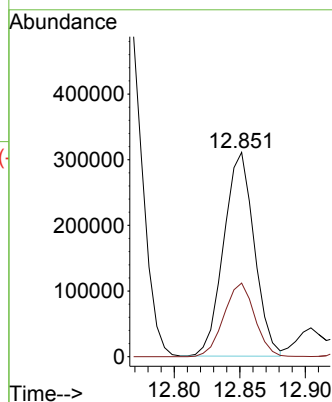
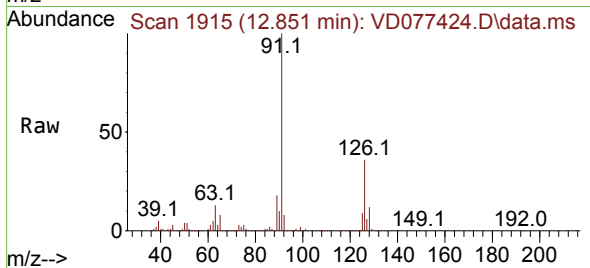
ClientSampleId :

Tgt Ion: 91 Resp: 503671

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 57.176 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077424.D

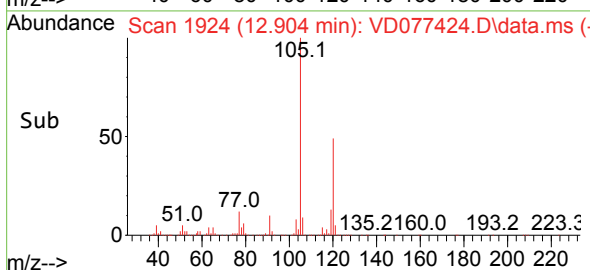
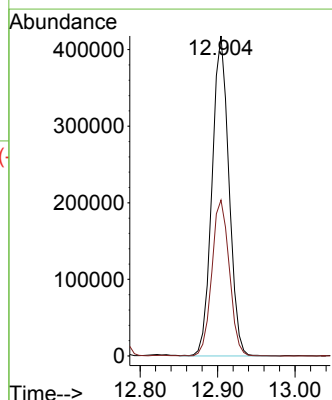
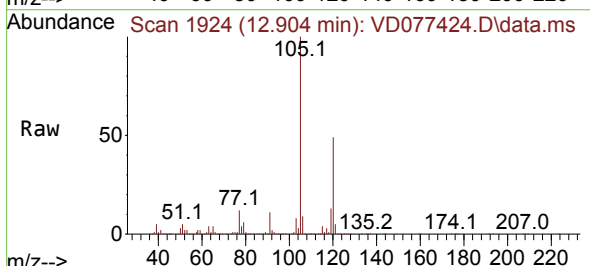
Acq: 25 Oct 2023 19:45

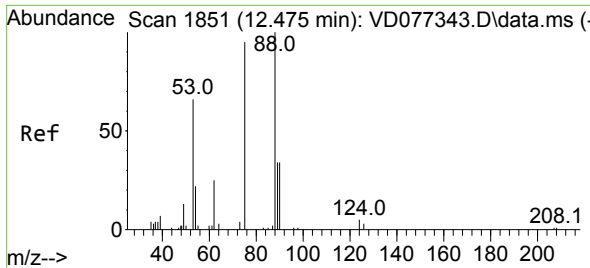
Tgt Ion:105 Resp: 632749

Ion Ratio Lower Upper

105 100

120 50.3 26.4 79.2

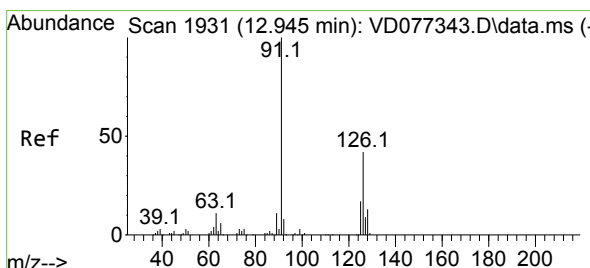
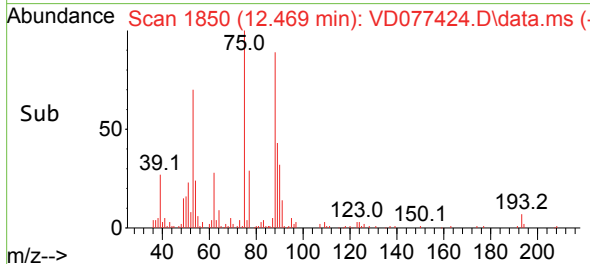
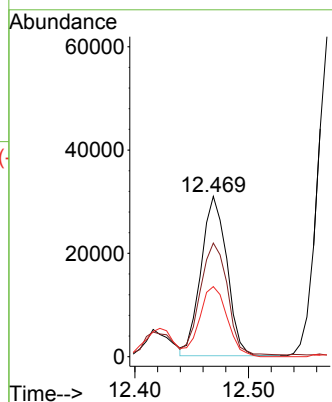
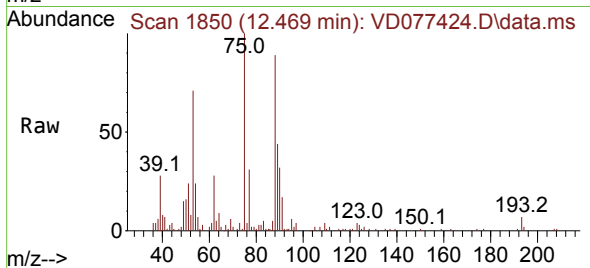




#81
trans-1,4-Dichloro-2-butene
Concen: 64.318 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

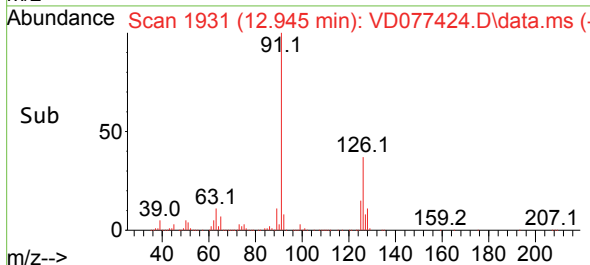
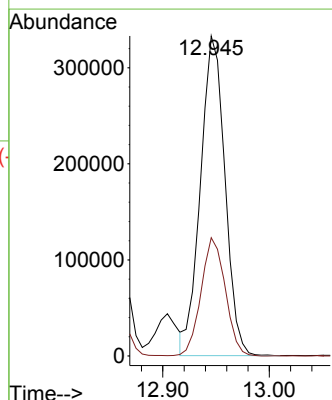
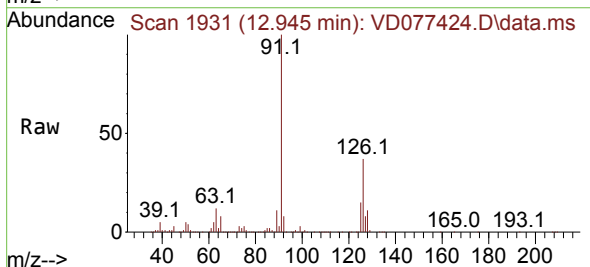
Instrument :
MSVOA_D
ClientSampleId :

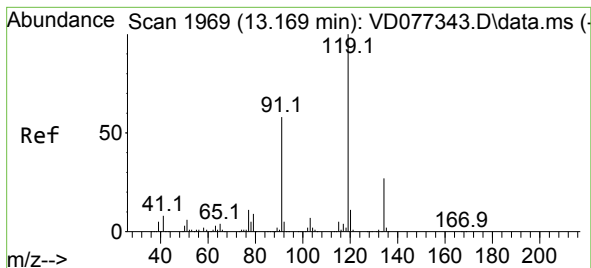
Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.9	63.0	94.4
89	47.3	37.9	56.9



#82
4-Chlorotoluene
Concen: 57.988 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077424.D
Acq: 25 Oct 2023 19:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	19.4	58.4





#83

tert-Butylbenzene

Concen: 50.967 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

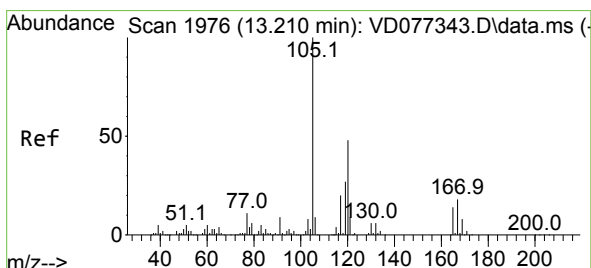
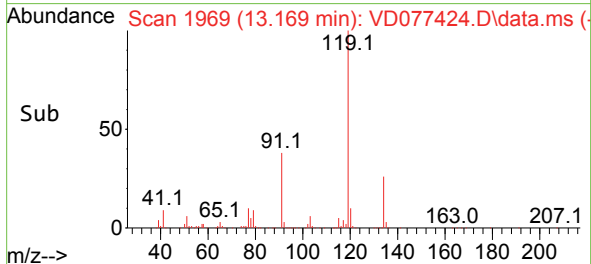
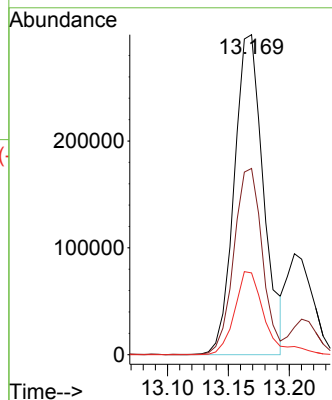
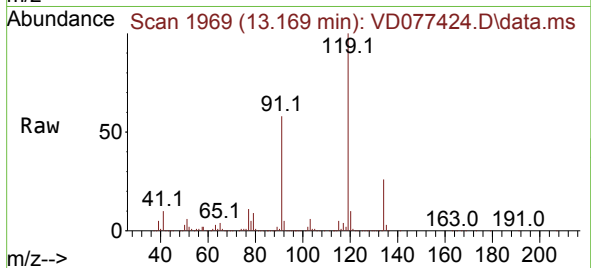
Tgt Ion:119 Resp: 500070

Ion Ratio Lower Upper

119 100

91 56.8 29.3 87.8

134 26.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 49.428 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077424.D

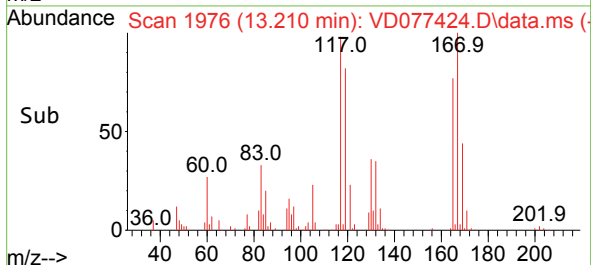
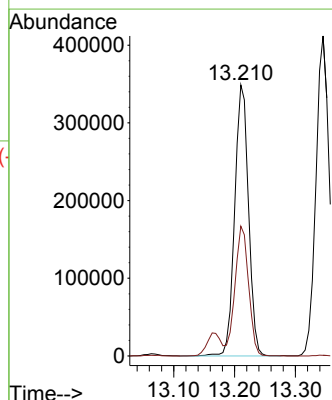
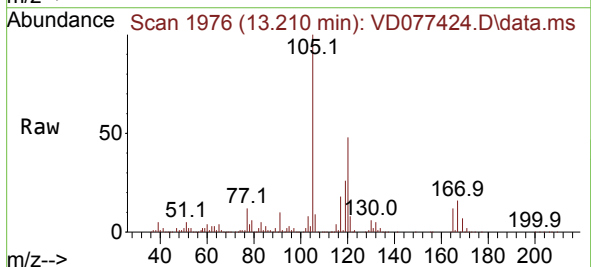
Acq: 25 Oct 2023 19:45

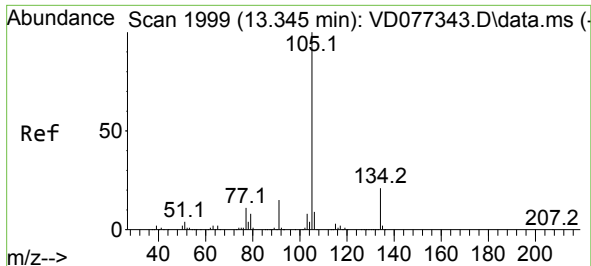
Tgt Ion:105 Resp: 550738

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.9

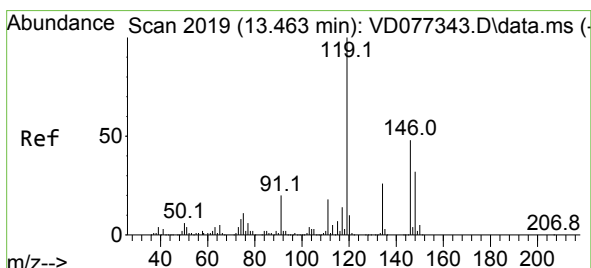
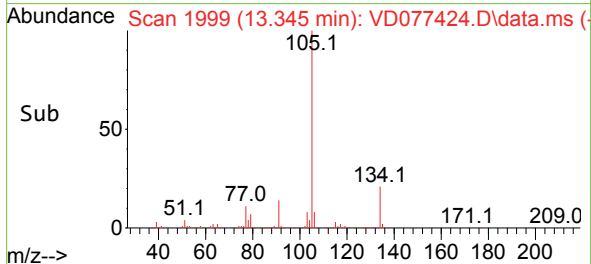
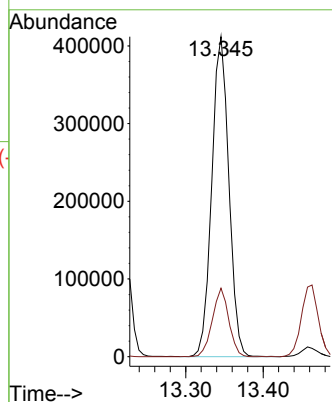
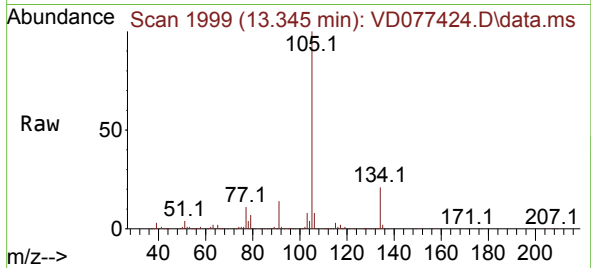




#85
 sec-Butylbenzene
 Concen: 42.794 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

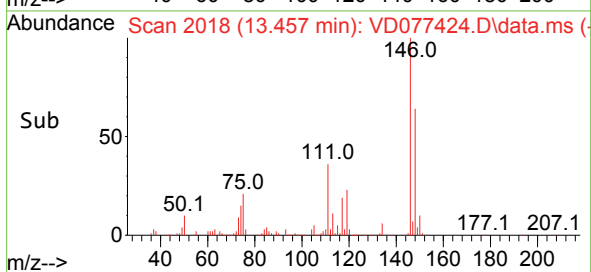
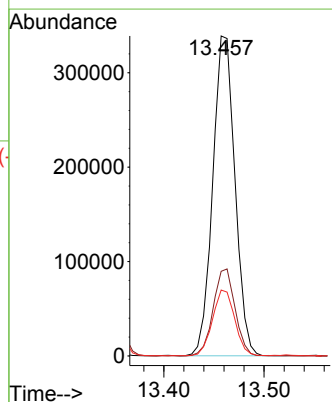
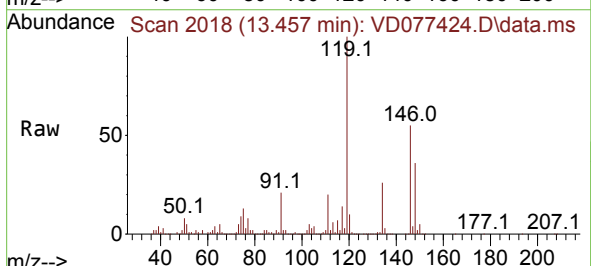
Instrument :
 MSVOA_D
 ClientSampleId :

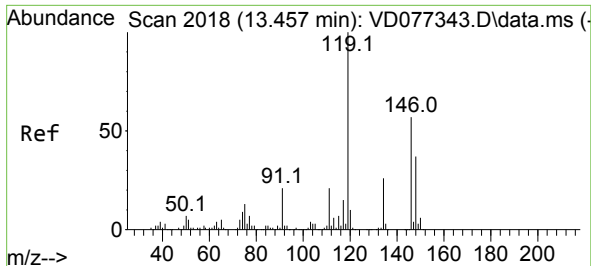
Tgt Ion:105 Resp: 631829
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 40.643 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion:119 Resp: 521318
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 20.5 10.5 31.5

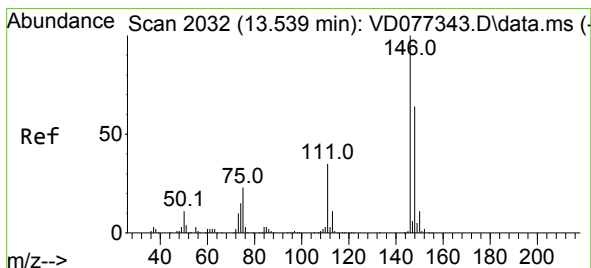
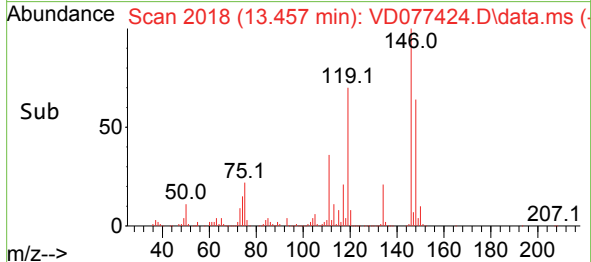
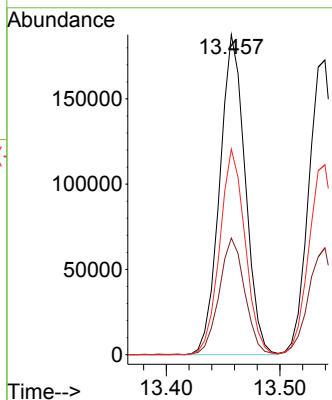
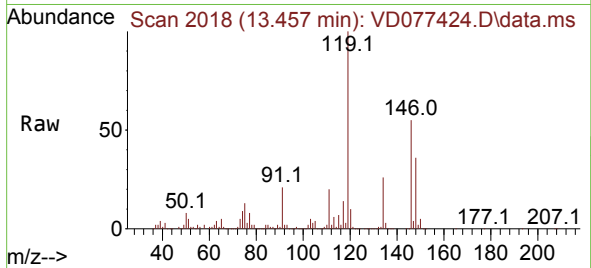




#87
 1,3-Dichlorobenzene
 Concen: 39.548 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

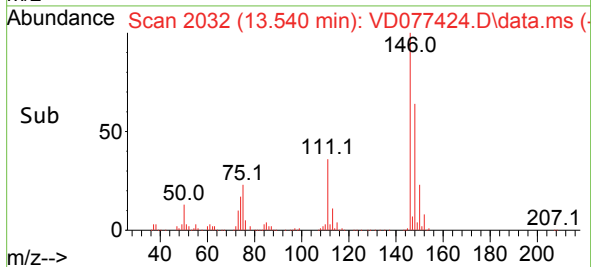
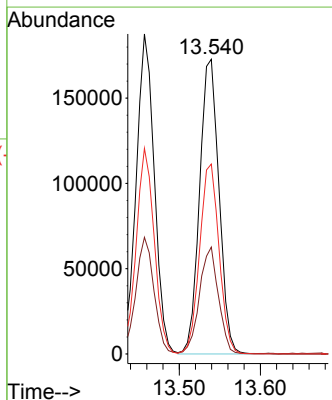
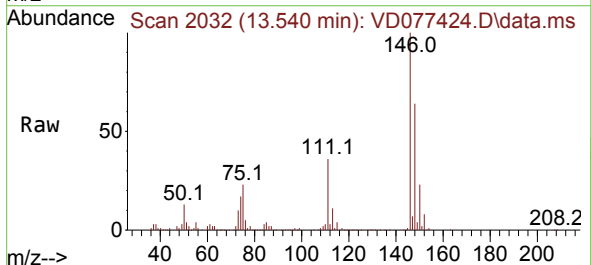
Instrument :
 MSVOA_D
 ClientSampleId :

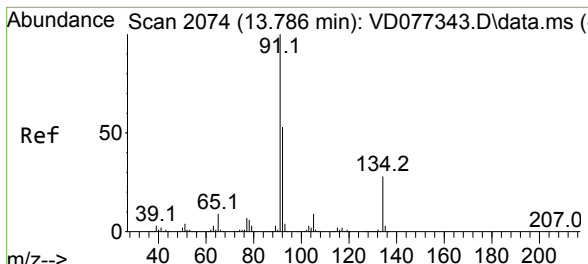
Tgt Ion:146 Resp: 293030
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.9 53.8
 148 64.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 39.116 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion:146 Resp: 287204
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.4 52.3
 148 64.5 31.7 95.1

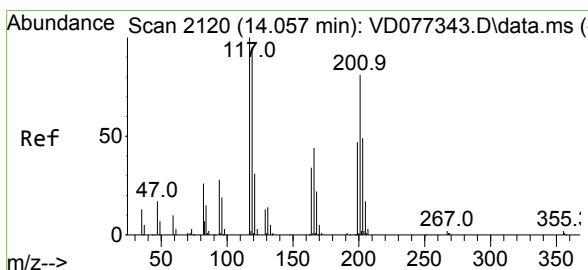
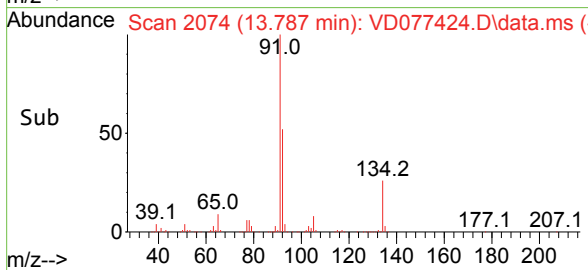
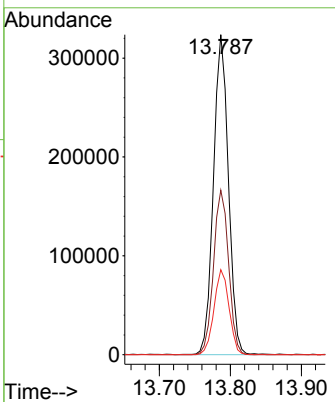
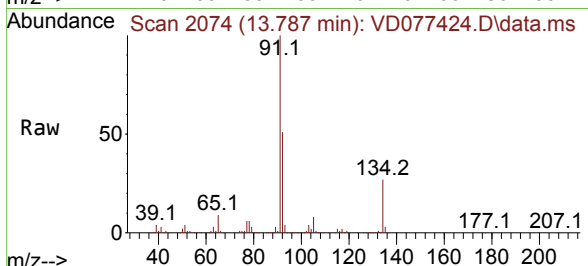




#89
 n-Butylbenzene
 Concen: 42.277 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

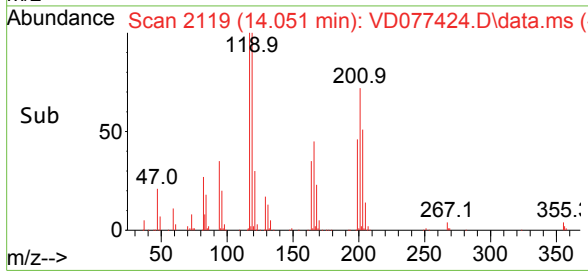
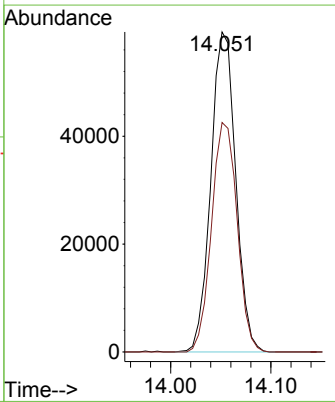
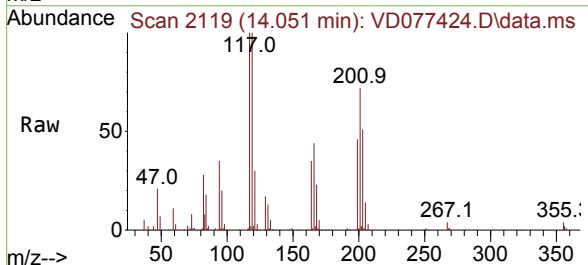
Instrument :
 MSVOA_D
 ClientSampleId :

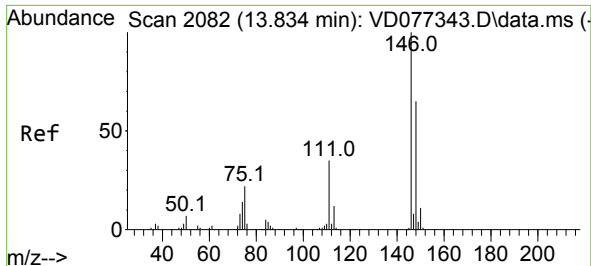
Tgt Ion:	91	Resp:	472183
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.5	79.5
134	26.7	13.8	41.3



#90
 Hexachloroethane
 Concen: 39.447 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion:	117	Resp:	102275
Ion	Ratio	Lower	Upper
117	100		
201	73.8	38.5	115.5

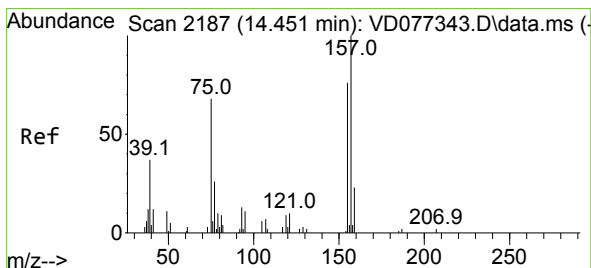
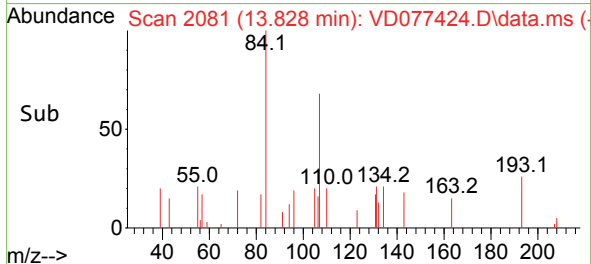
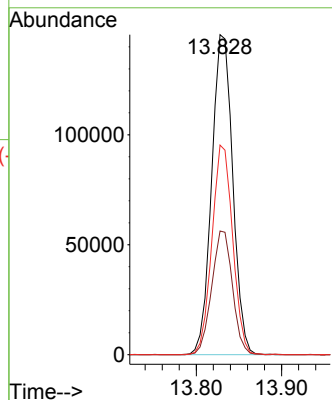
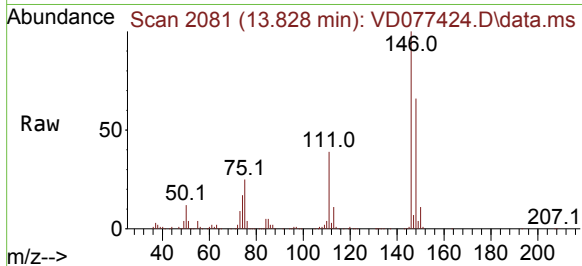




#91
 1,2-Dichlorobenzene
 Concen: 39.930 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

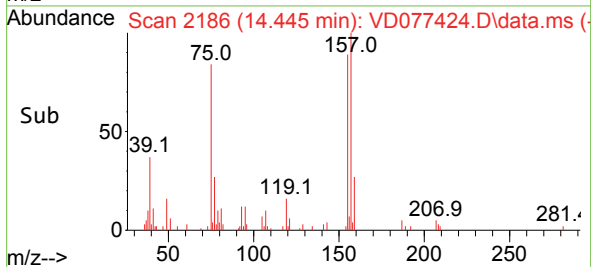
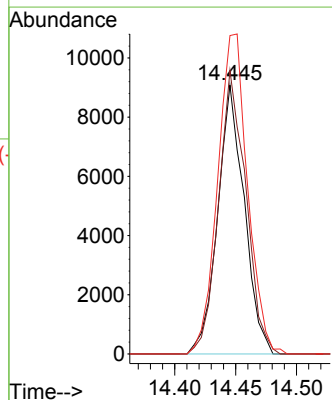
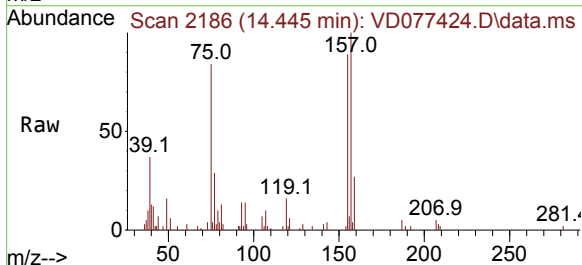
Instrument :
 MSVOA_D
 ClientSampleId :

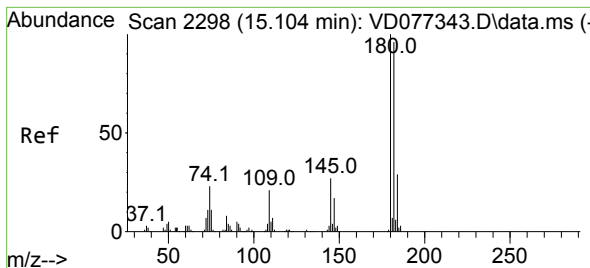
Tgt Ion:146 Resp: 249923
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.3 54.8
 148 64.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.195 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077424.D
 Acq: 25 Oct 2023 19:45

Tgt Ion: 75 Resp: 13779
 Ion Ratio Lower Upper
 75 100
 155 108.7 47.9 143.8
 157 134.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 39.082 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

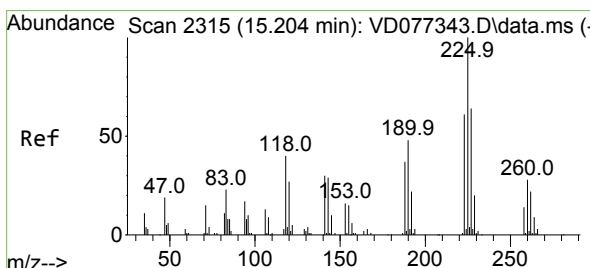
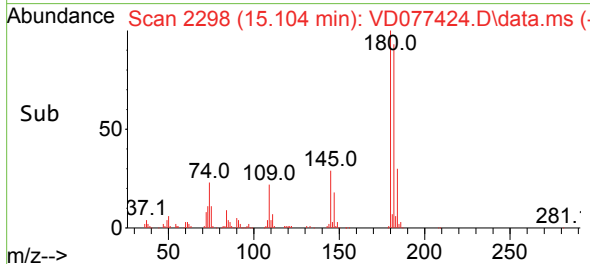
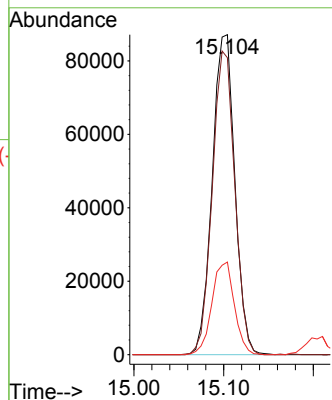
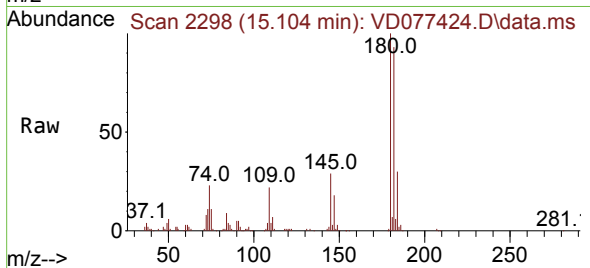
Tgt Ion:180 Resp: 152410

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 36.668 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

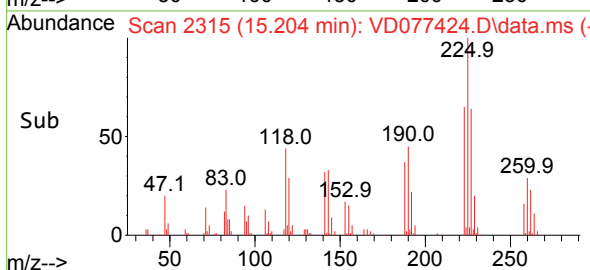
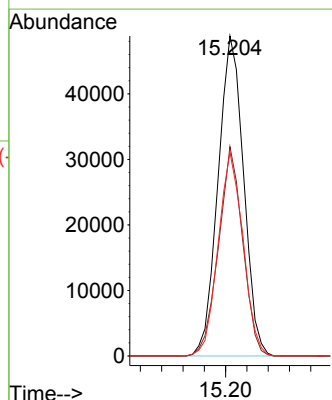
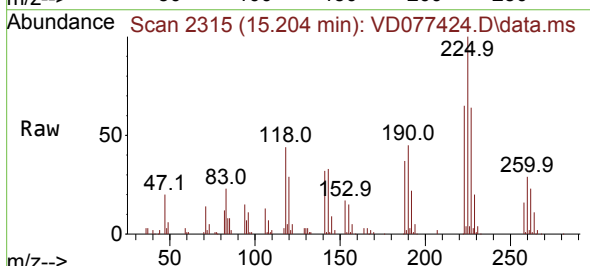
Tgt Ion:225 Resp: 81211

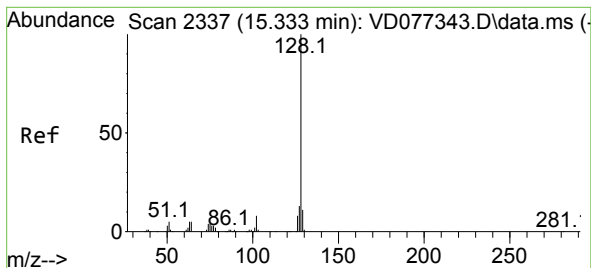
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

227 62.0 31.7 95.1





#95

Naphthalene

Concen: 42.370 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

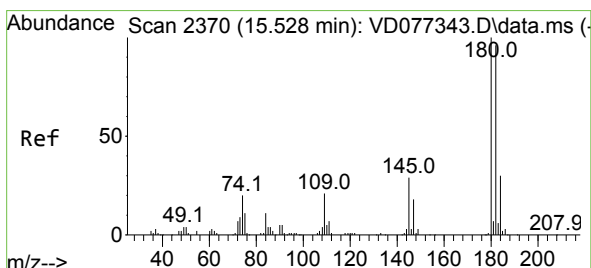
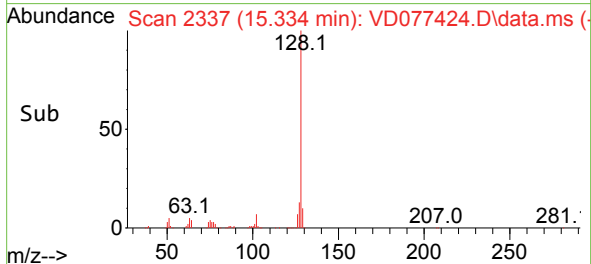
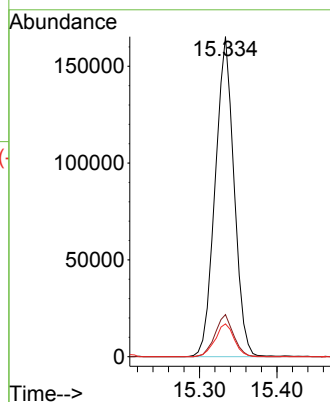
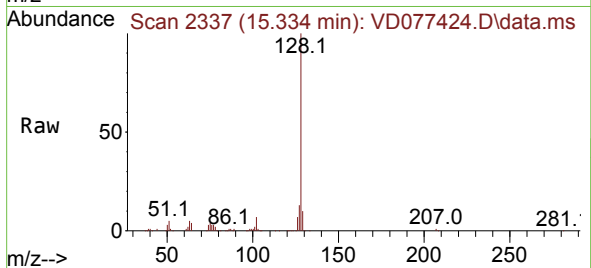
Tgt Ion:128 Resp: 278979

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 39.156 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077424.D

Acq: 25 Oct 2023 19:45

Tgt Ion:180 Resp: 132538

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 30.2 15.1 45.3

