

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078060.D
 Acq On : 22 Dec 2023 13:36
 Operator : RP/MD
 Sample : VD1222SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	140324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	235680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78609	47.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.080%
35) Dibromofluoromethane	7.811	113	85222	51.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.269	98	333238	50.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.575	95	102175	51.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.380%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	32292	18.422	ug/l	90
3) Chloromethane	2.152	50	41805	17.497	ug/l	92
4) Vinyl Chloride	2.287	62	64615	19.921	ug/l	96
5) Bromomethane	2.693	94	49786	27.354	ug/l	99
6) Chloroethane	2.840	64	48616	21.984	ug/l	97
7) Trichlorofluoromethane	3.181	101	58197	19.481	ug/l	93
8) Diethyl Ether	3.599	74	16036	19.117	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	35892	21.002	ug/l	98
10) Methyl Iodide	4.164	142	31342	24.845	ug/l	91
11) Tert butyl alcohol	5.052	59	10105	121.092	ug/l	# 90
12) 1,1-Dichloroethene	3.946	96	30995	18.376	ug/l	87
13) Acrolein	3.799	56	11907	68.074	ug/l	94
14) Allyl chloride	4.570	41	41476	17.879	ug/l	91
15) Acrylonitrile	5.264	53	36294	101.053	ug/l	95
16) Acetone	4.028	43	50219	124.717	ug/l	# 82
17) Carbon Disulfide	4.275	76	78332	13.727	ug/l	100
18) Methyl Acetate	4.570	43	25748	19.772	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	74325	20.769	ug/l	96
20) Methylene Chloride	4.805	84	46189	20.754	ug/l	# 80
21) trans-1,2-Dichloroethene	5.328	96	37005	19.369	ug/l	98
22) Diisopropyl ether	6.222	45	93328	19.251	ug/l	92
23) Vinyl Acetate	6.158	43	183068	77.329	ug/l	# 92
24) 1,1-Dichloroethane	6.117	63	66841	20.360	ug/l	99
25) 2-Butanone	7.087	43	55555	114.060	ug/l	92
26) 2,2-Dichloropropane	7.081	77	56604	20.536	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	43809	21.310	ug/l	92
28) Bromochloromethane	7.428	49	22627	17.057	ug/l	82
29) Tetrahydrofuran	7.452	42	24858	94.407	ug/l	94
30) Chloroform	7.605	83	73001	22.218	ug/l	95
31) Cyclohexane	7.887	56	49607	16.867	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	60354	20.837	ug/l	99
36) 1,1-Dichloropropene	8.011	75	49023	18.565	ug/l	97
37) Ethyl Acetate	7.175	43	20476	19.887	ug/l	97
38) Carbon Tetrachloride	7.999	117	53700	20.399	ug/l	98
39) Methylcyclohexane	9.275	83	55335	17.676	ug/l	90
40) Benzene	8.252	78	148686	19.839	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11611	22.187	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	41739	21.485	ug/l	93
43) Isopropyl Acetate	8.363	43	37043	20.239	ug/l	93
44) Trichloroethene	9.034	130	39670	20.311	ug/l	86
45) 1,2-Dichloropropane	9.310	63	38015	20.865	ug/l	96
46) Dibromomethane	9.399	93	21695	22.505	ug/l	89
47) Bromodichloromethane	9.587	83	54680	22.378	ug/l	96
48) Methyl methacrylate	9.381	41	18926	18.190	ug/l #	82
49) 1,4-Dioxane	9.393	88	3975	415.260	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	97548	104.427	ug/l	90
52) Toluene	10.334	92	95015	20.438	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	48021	20.466	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	59876	21.106	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	29926	22.695	ug/l	95
56) Ethyl methacrylate	10.599	69	23557	20.266	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	49748	21.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	54360	82.005	ug/l	94
59) 2-Hexanone	10.922	43	81020	104.543	ug/l	92
60) Dibromochloromethane	11.075	129	35964	22.653	ug/l	92
61) 1,2-Dibromoethane	11.181	107	27433	22.101	ug/l	98
64) Tetrachloroethene	10.816	164	30758	19.049	ug/l	96
65) Chlorobenzene	11.610	112	104413	19.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	38978	21.337	ug/l	97
67) Ethyl Benzene	11.687	91	182240	19.926	ug/l	100
68) m/p-Xylenes	11.793	106	140867	40.266	ug/l	95
69) o-Xylene	12.122	106	65156	20.208	ug/l	96
70) Styrene	12.134	104	100409	20.944	ug/l	96
71) Bromoform	12.304	173	20966	21.965	ug/l #	98
73) Isopropylbenzene	12.422	105	175326	20.631	ug/l	96
74) N-amyl acetate	12.234	43	31856	19.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	34711	23.425	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	40752	41.847	ug/l #	100
77) Bromobenzene	12.704	156	42817	21.420	ug/l	92
78) n-propylbenzene	12.763	91	216161	20.874	ug/l	96
79) 2-Chlorotoluene	12.851	91	115169	20.753	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	148164	20.904	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	10773	22.413	ug/l	97
82) 4-Chlorotoluene	12.946	91	124086	21.388	ug/l	94
83) tert-Butylbenzene	13.169	119	126028	21.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	145897	20.580	ug/l	98
85) sec-Butylbenzene	13.346	105	190554	21.544	ug/l	96
86) p-Isopropyltoluene	13.463	119	166395	21.012	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	87222	21.337	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	86462	20.236	ug/l	98
89) n-Butylbenzene	13.787	91	155165	20.823	ug/l	98
90) Hexachloroethane	14.057	117	33885	23.266	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	76351	21.962	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4798	21.800	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	47554	20.025	ug/l	95
94) Hexachlorobutadiene	15.204	225	25511	19.922	ug/l	99
95) Naphthalene	15.334	128	84481	21.412	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	41975	21.441	ug/l	96

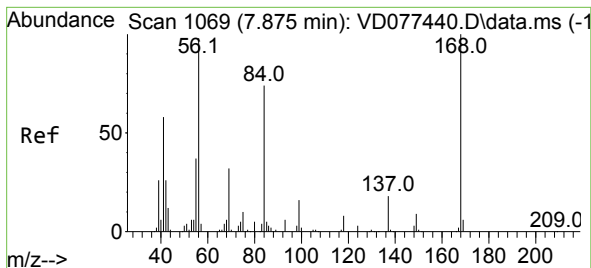
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

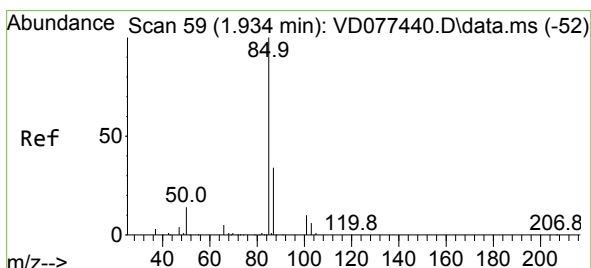
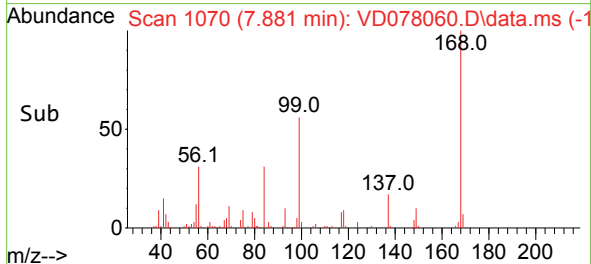
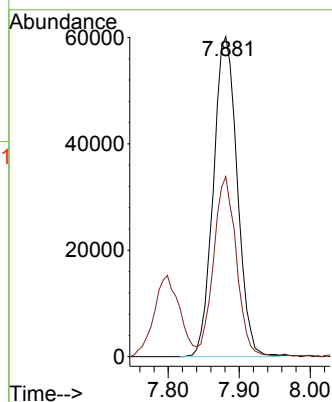
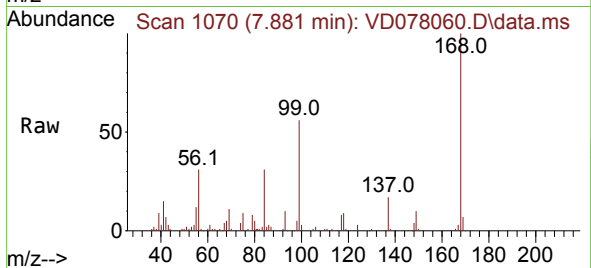
ClientSampleId :

Tgt Ion:168 Resp: 140324

Ion Ratio Lower Upper

168 100

99 55.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 18.422 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078060.D

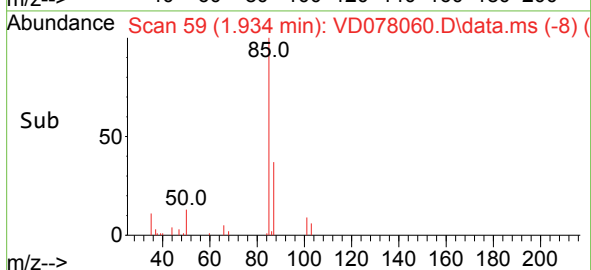
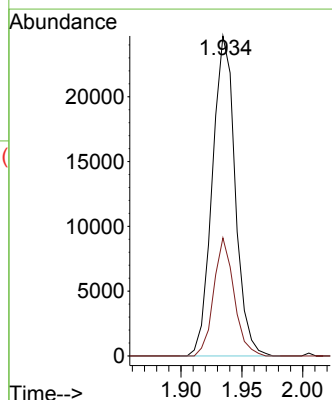
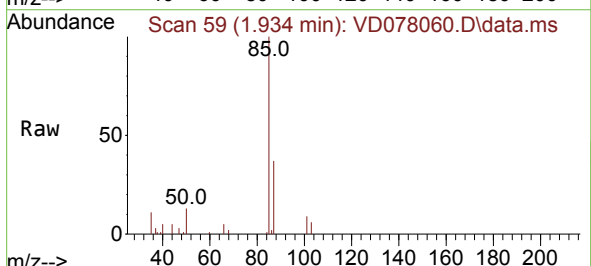
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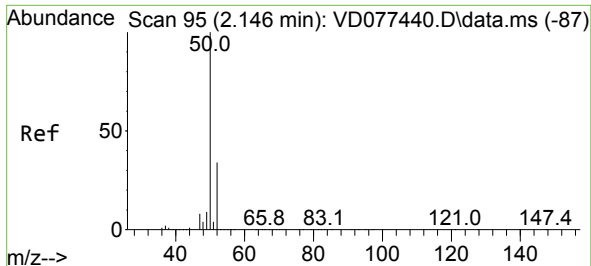
Tgt Ion: 85 Resp: 32292

Ion Ratio Lower Upper

85 100

87 36.9 15.7 47.0

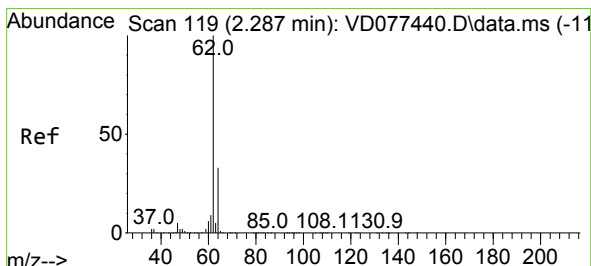
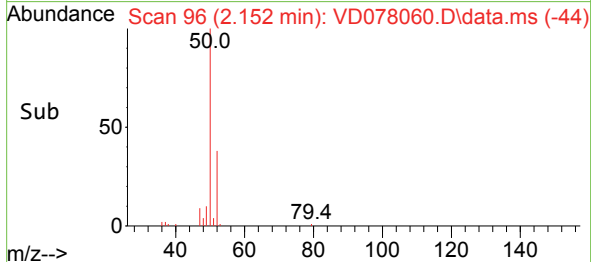
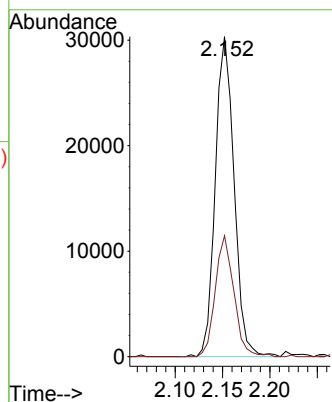
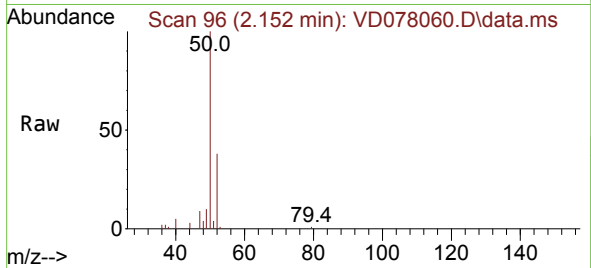




#3
Chloromethane
Concen: 17.497 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

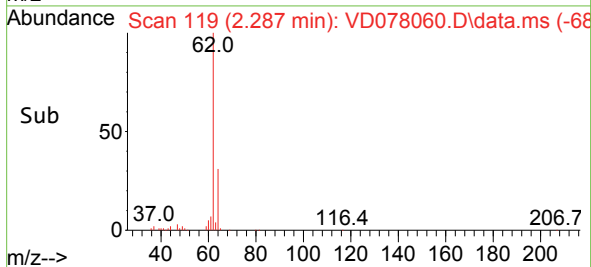
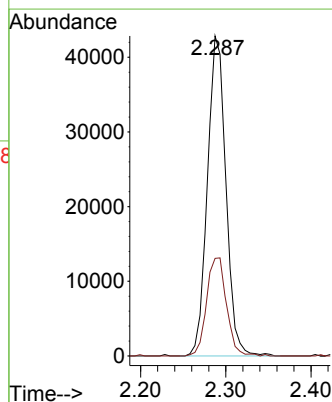
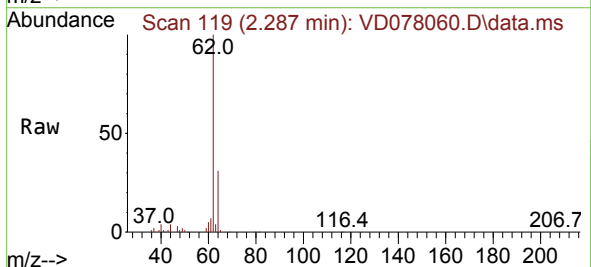
Instrument :
MSVOA_D
ClientSampleId :

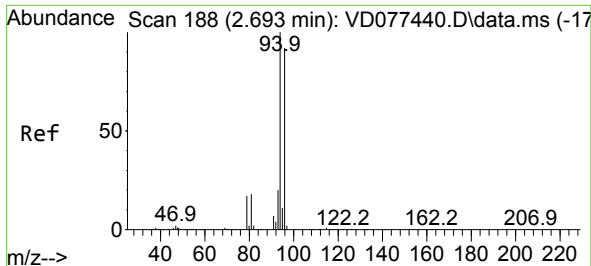
Tgt Ion: 50 Resp: 41805
Ion Ratio Lower Upper
50 100
52 37.8 26.6 40.0



#4
Vinyl Chloride
Concen: 19.921 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 62 Resp: 64615
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

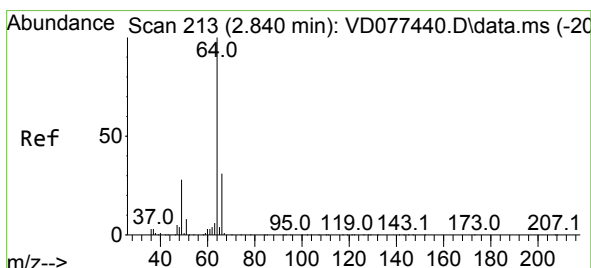
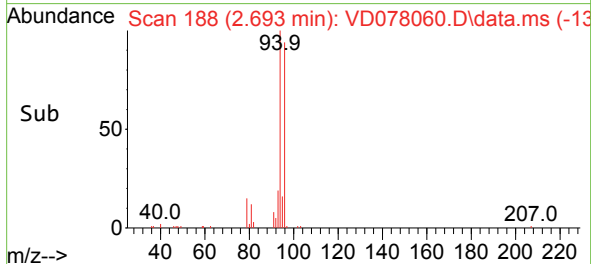
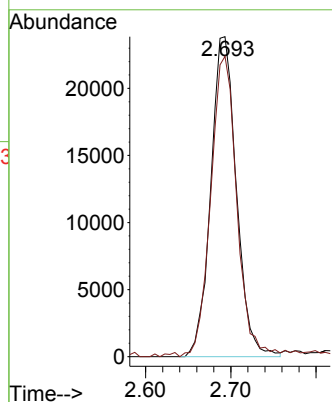
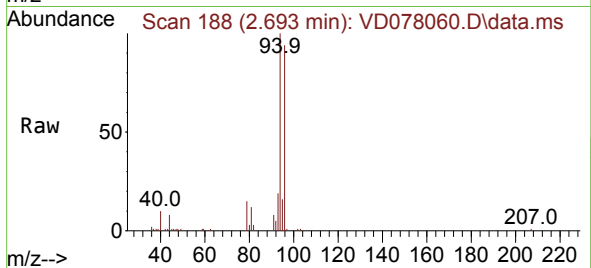




#5
Bromomethane
Concen: 27.354 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

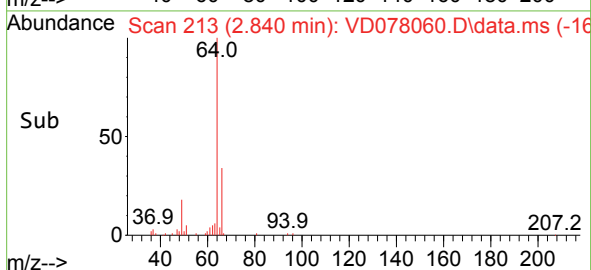
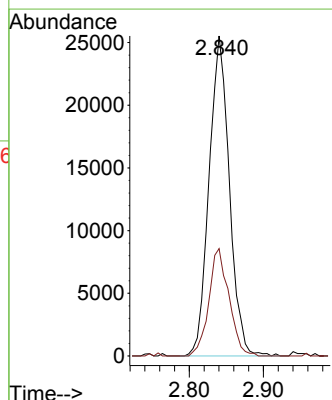
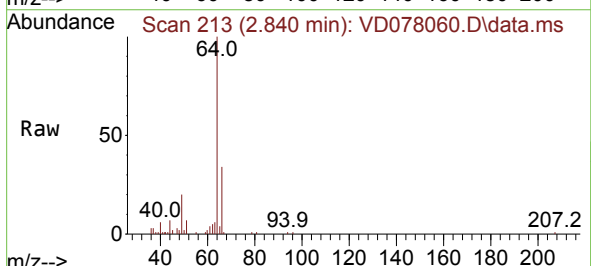
Instrument :
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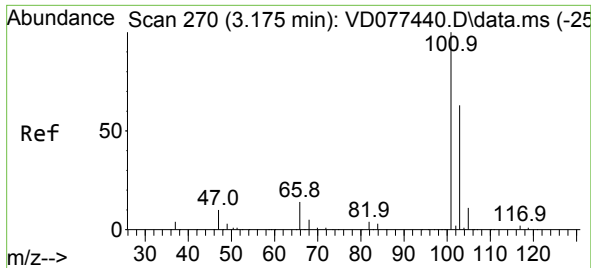
Tgt Ion: 94 Resp: 49786
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8



#6
Chloroethane
Concen: 21.984 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 64 Resp: 48616
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

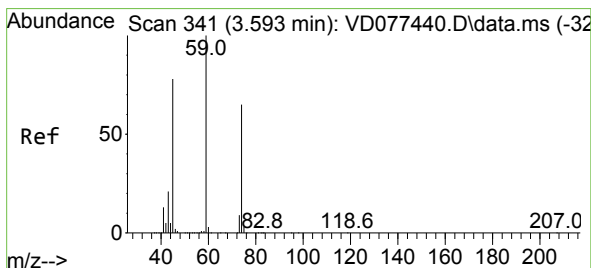
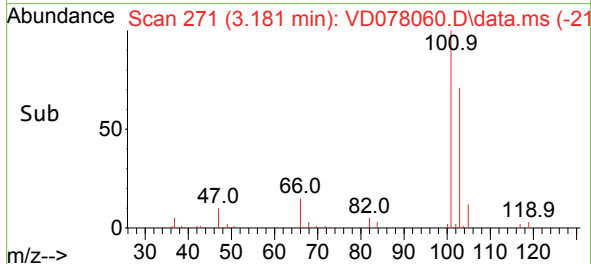
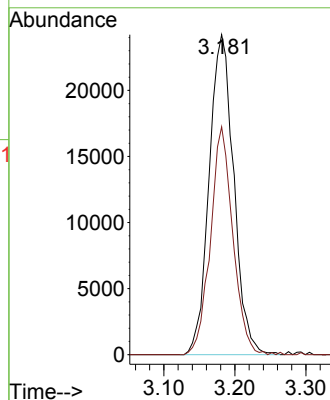
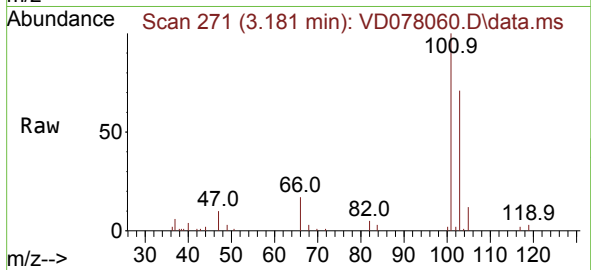




#7
Trichlorofluoromethane
Concen: 19.481 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

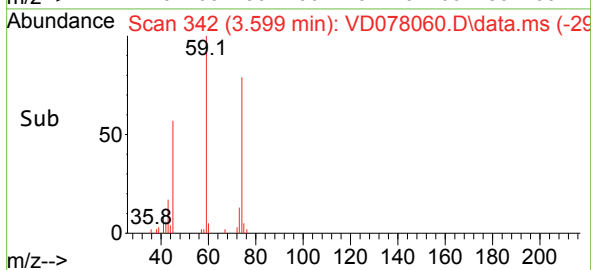
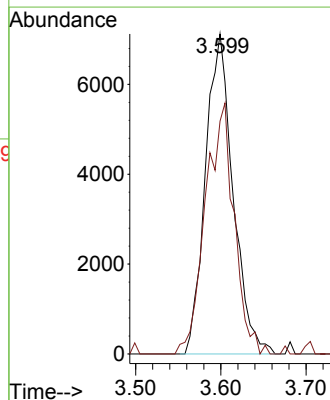
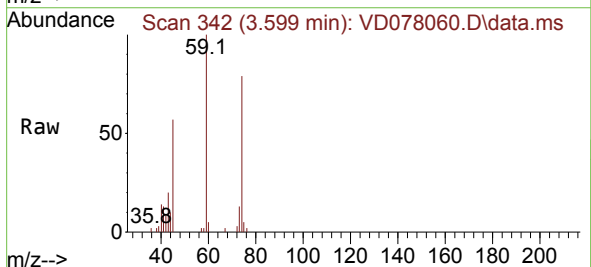
Instrument :
MSVOA_D
ClientSampleId :

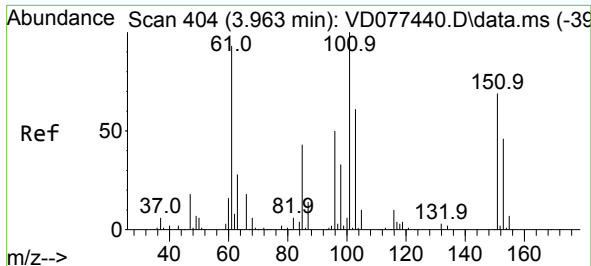
Tgt Ion:101 Resp: 58197
Ion Ratio Lower Upper
101 100
103 71.2 52.3 78.5



#8
Diethyl Ether
Concen: 19.117 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 74 Resp: 16036
Ion Ratio Lower Upper
74 100
45 81.4 37.5 112.7

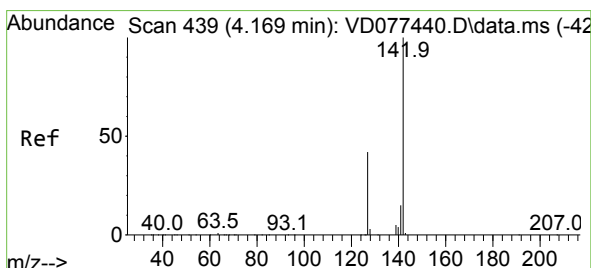
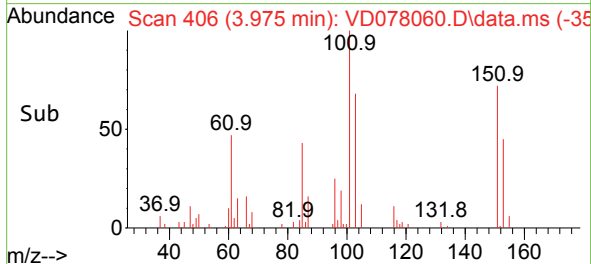
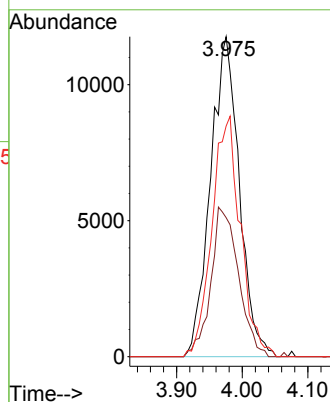
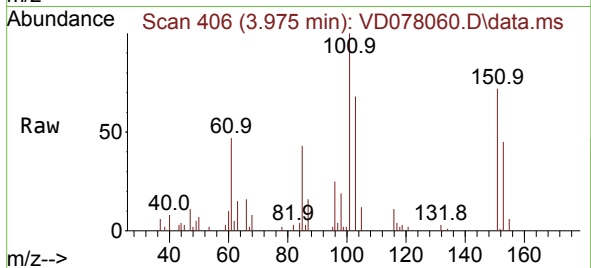




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.002 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

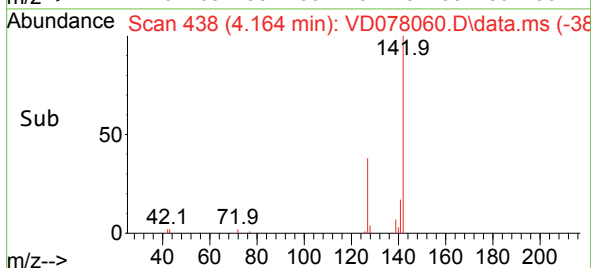
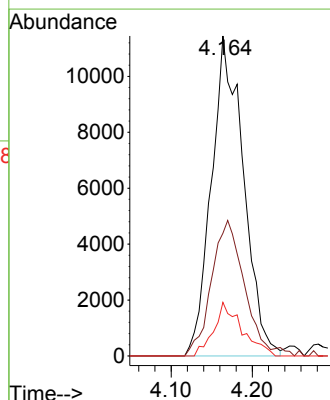
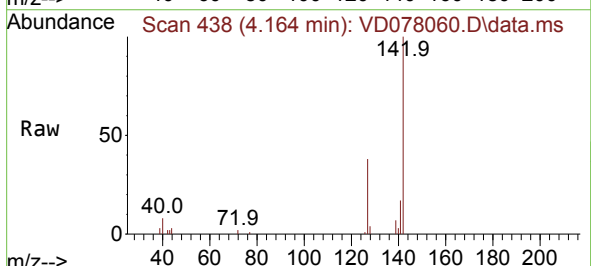
Instrument :
MSVOA_D
ClientSampleId :

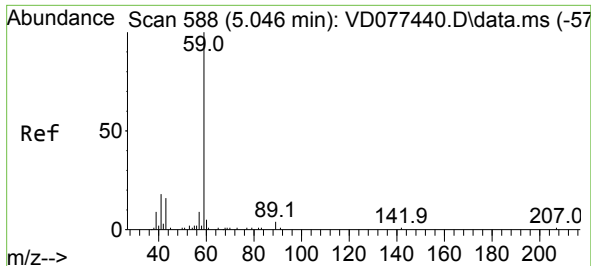
Tgt Ion:101 Resp: 35892
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 74.2 59.8 89.6



#10
Methyl Iodide
Concen: 24.845 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion:142 Resp: 31342
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.8 11.1 16.7

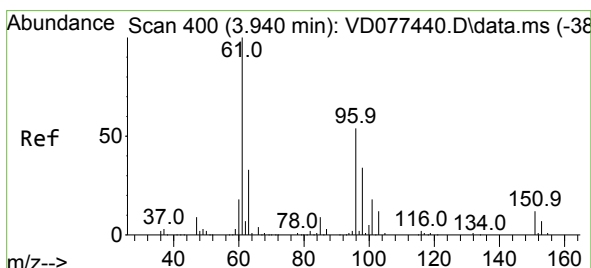
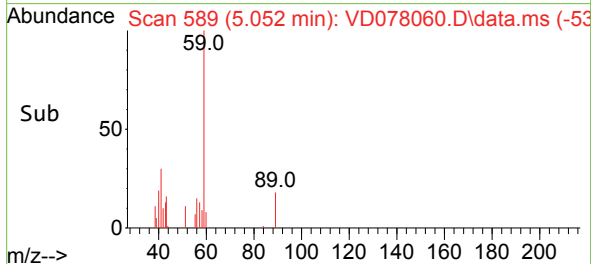
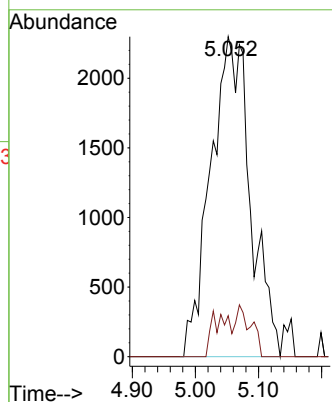
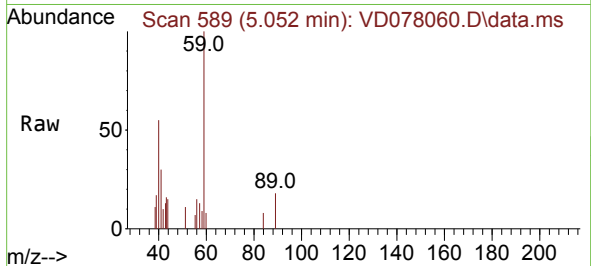




#11
Tert butyl alcohol
Concen: 121.092 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

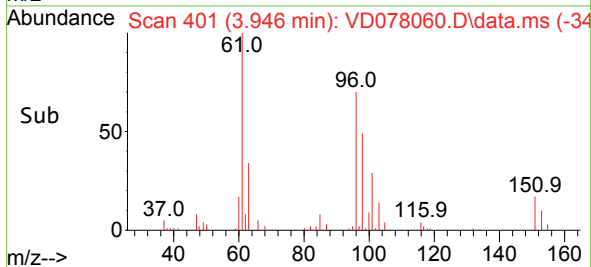
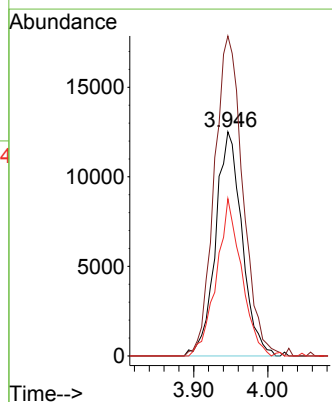
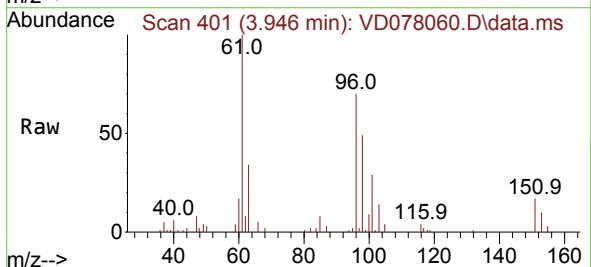
Instrument :
MSVOA_D
ClientSampleId :

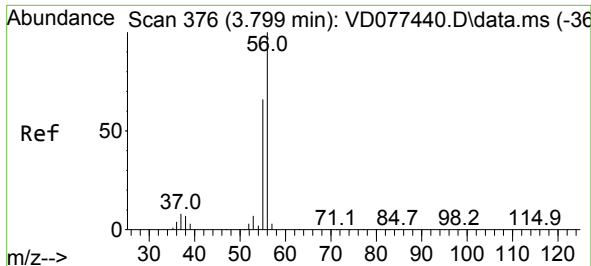
Tgt Ion: 59 Resp: 10105
Ion Ratio Lower Upper
59 100
57 6.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.376 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 96 Resp: 30995
Ion Ratio Lower Upper
96 100
61 142.7 100.6 150.8
98 70.2 50.2 75.2

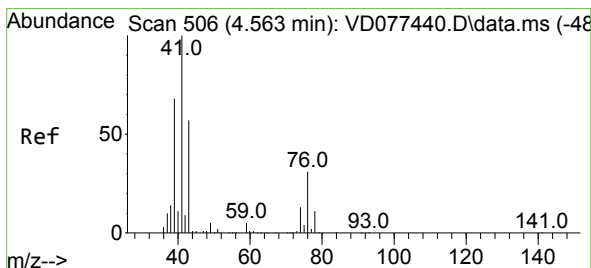
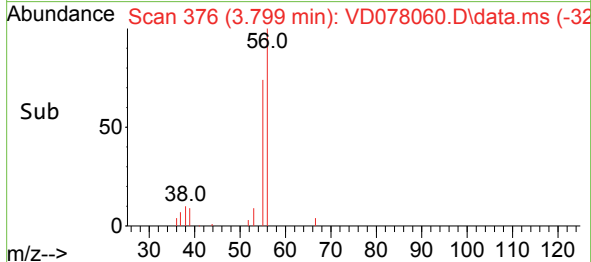
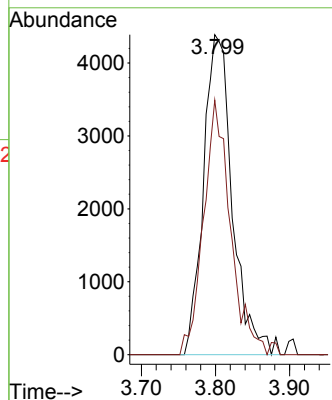
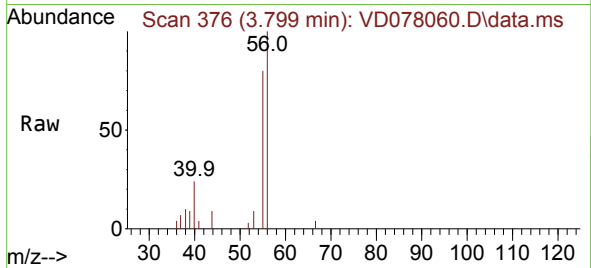




#13
Acrolein
Concen: 68.074 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

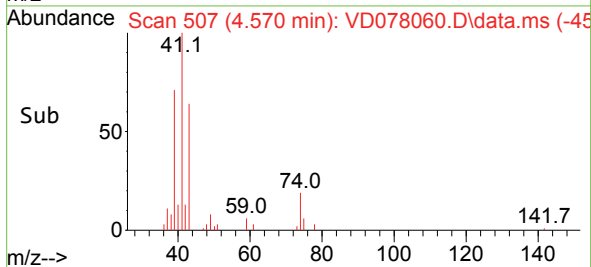
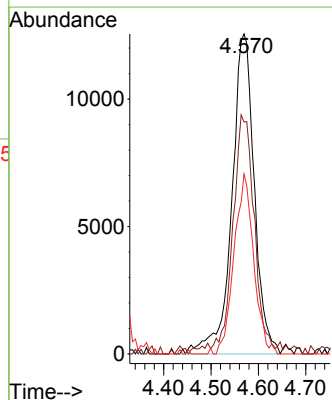
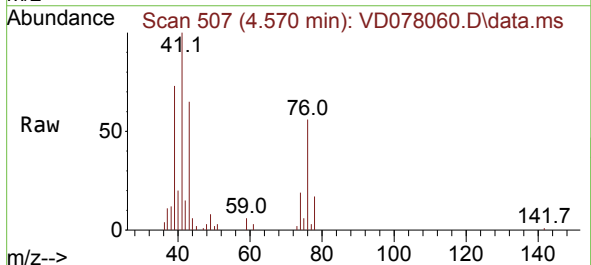
Instrument :
MSVOA_D
ClientSampleId :

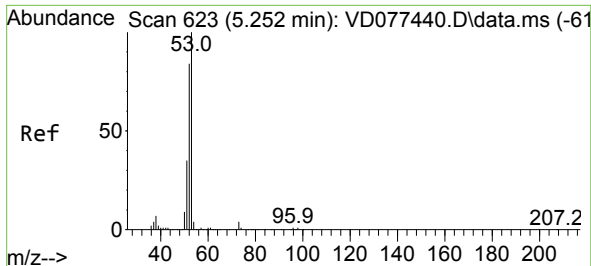
Tgt Ion: 56 Resp: 11907
Ion Ratio Lower Upper
56 100
55 73.7 55.1 82.7



#14
Allyl chloride
Concen: 17.879 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

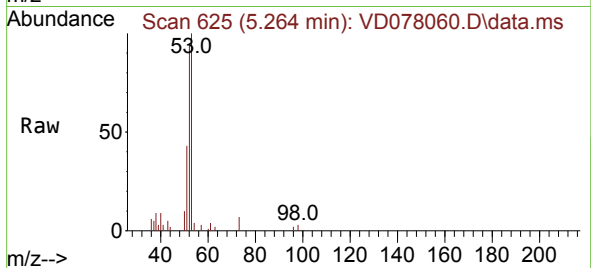
Tgt Ion: 41 Resp: 41476
Ion Ratio Lower Upper
41 100
39 72.3 53.8 80.6
76 49.1 45.8 68.8



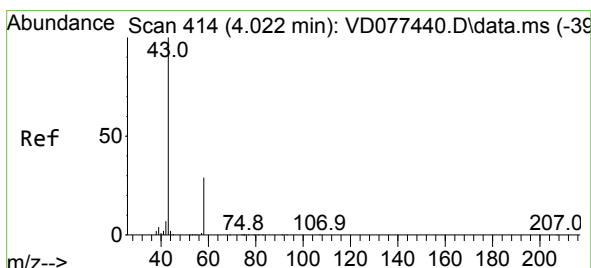
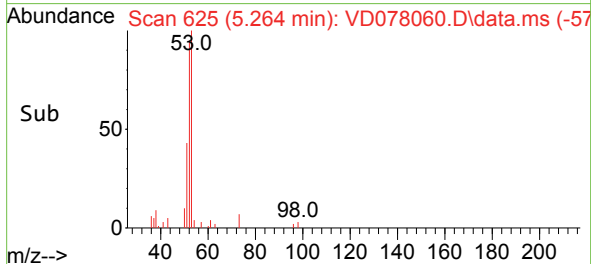
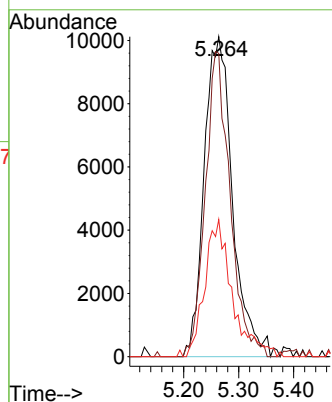


#15
Acrylonitrile
Concen: 101.053 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

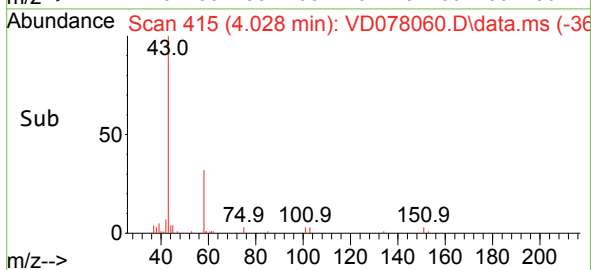
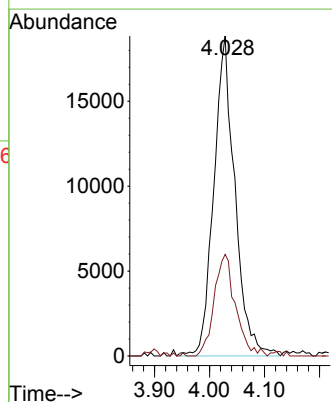
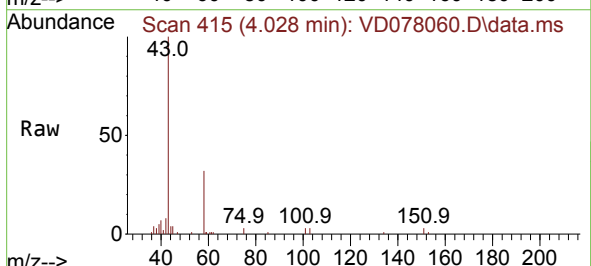


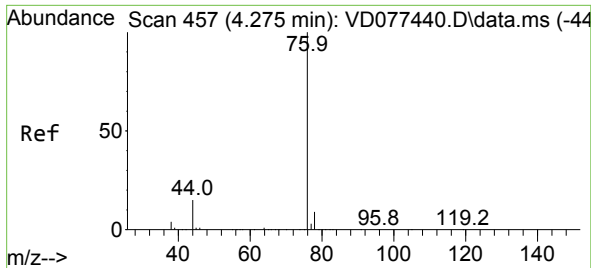
Tgt Ion: 53 Resp: 36294
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.4
51 41.3 28.3 42.5



#16
Acetone
Concen: 124.717 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 43 Resp: 50219
Ion Ratio Lower Upper
43 100
58 31.8 34.7 52.1#

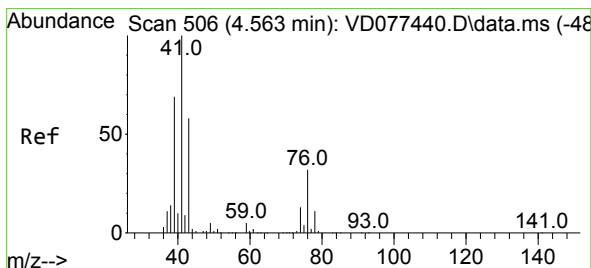
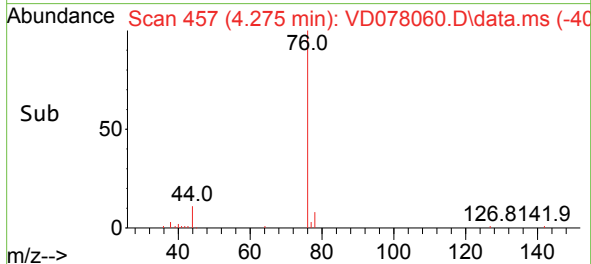
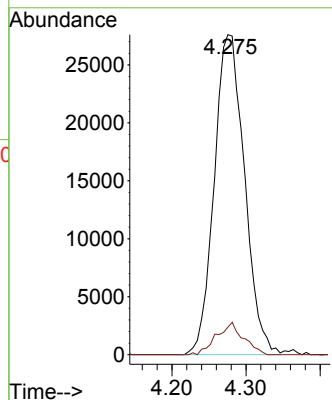
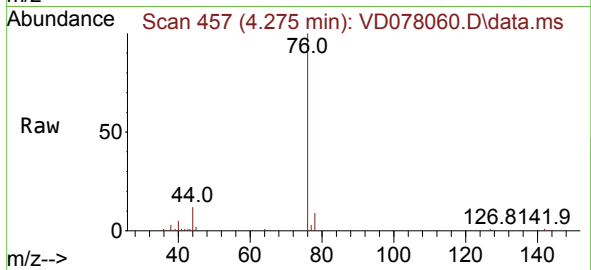




#17
Carbon Disulfide
Concen: 13.727 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

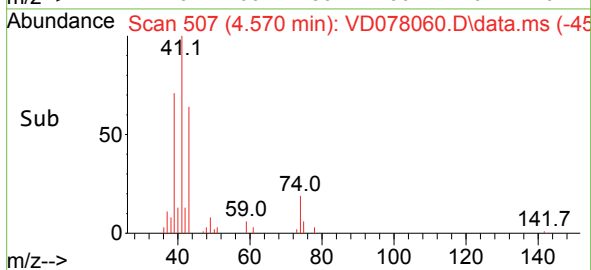
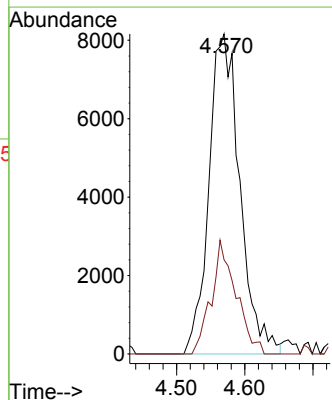
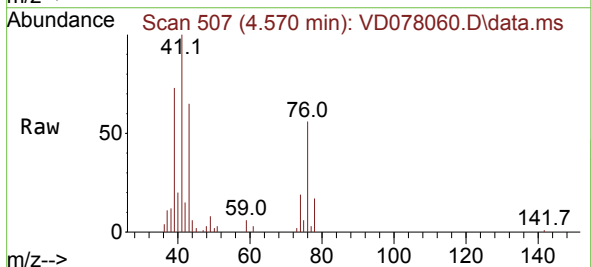
Instrument :
MSVOA_D
ClientSampleId :

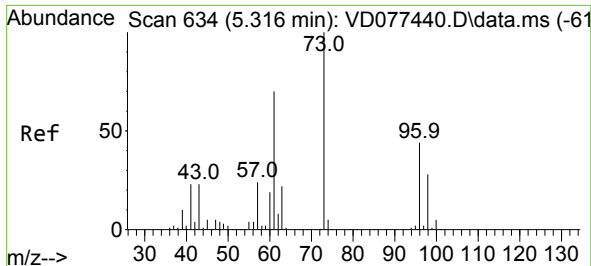
Tgt Ion: 76 Resp: 78332
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 19.772 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 43 Resp: 25748
Ion Ratio Lower Upper
43 100
74 28.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.769 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

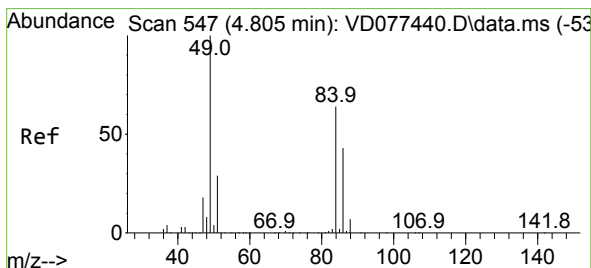
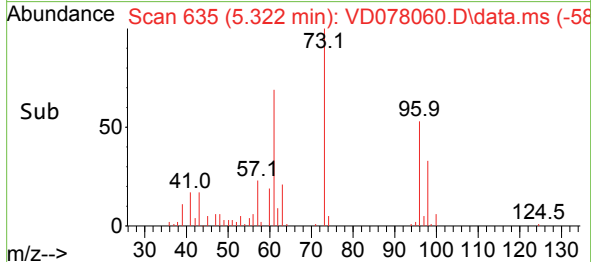
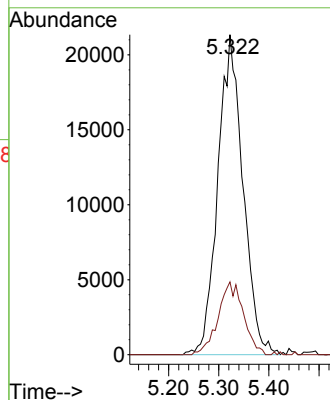
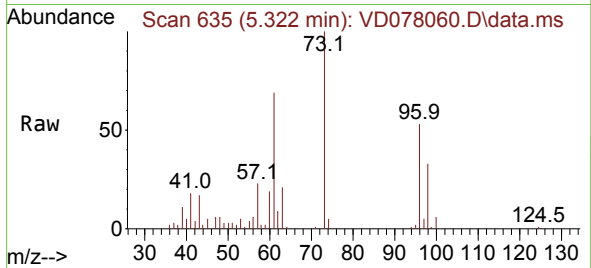
ClientSampleId :

Tgt Ion: 73 Resp: 74325

Ion Ratio Lower Upper

73 100

57 22.7 16.6 25.0



#20

Methylene Chloride

Concen: 20.754 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Tgt Ion: 84 Resp: 46189

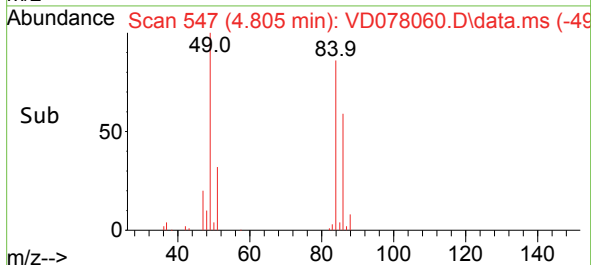
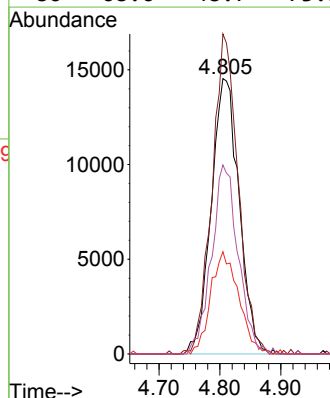
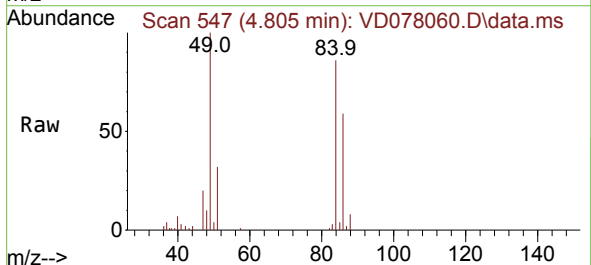
Ion Ratio Lower Upper

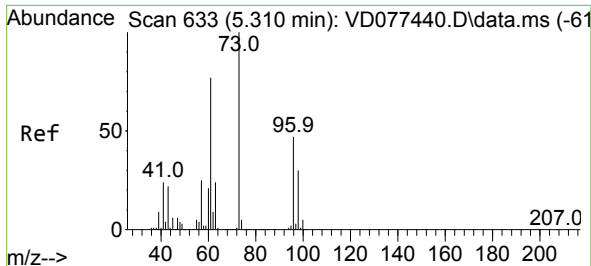
84 100

49 116.2 71.4 107.2#

51 37.1 24.5 36.7#

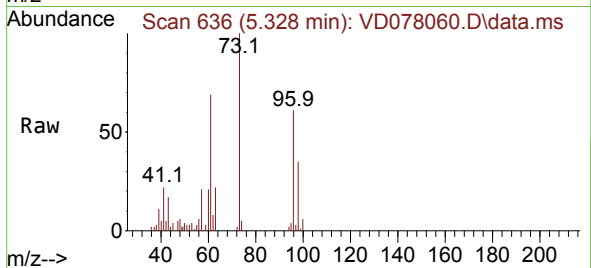
86 68.6 48.7 73.1



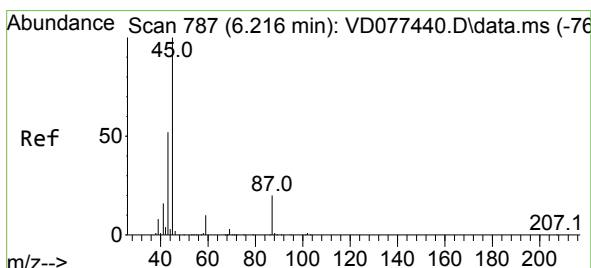
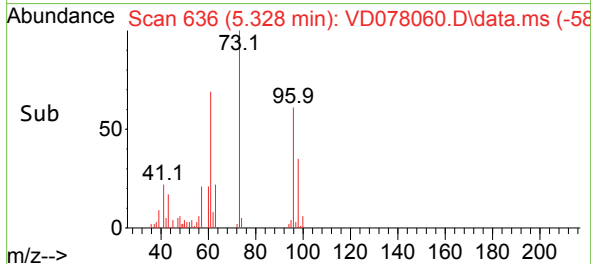
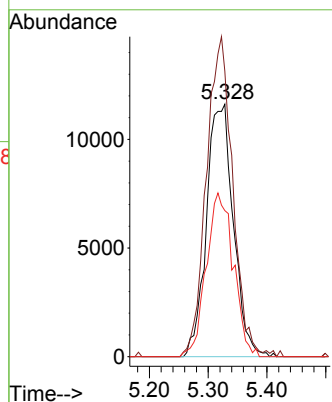


#21
trans-1,2-Dichloroethene
Concen: 19.369 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.018 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

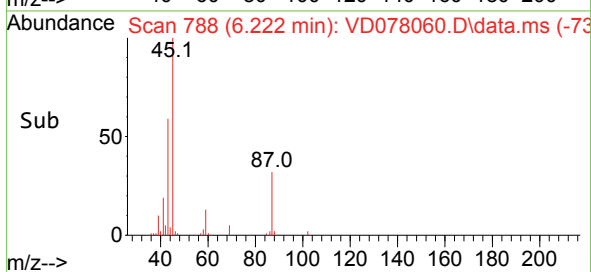
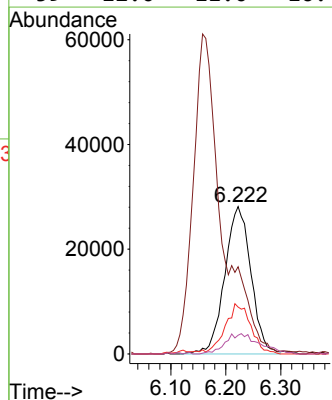
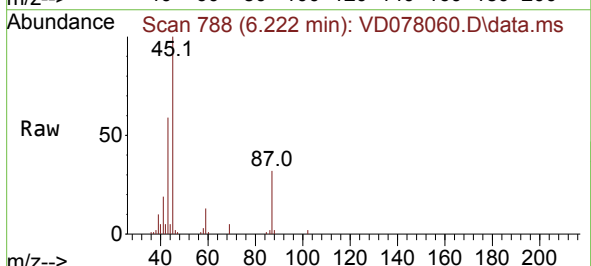


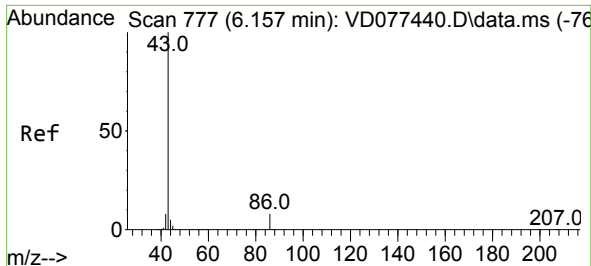
Tgt Ion: 96 Resp: 37005
Ion Ratio Lower Upper
96 100
61 113.1 89.3 133.9
98 57.8 48.6 73.0



#22
Diisopropyl ether
Concen: 19.251 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 45 Resp: 93328
Ion Ratio Lower Upper
45 100
43 57.2 40.0 60.0
87 31.8 28.2 42.4
59 12.0 11.0 16.4

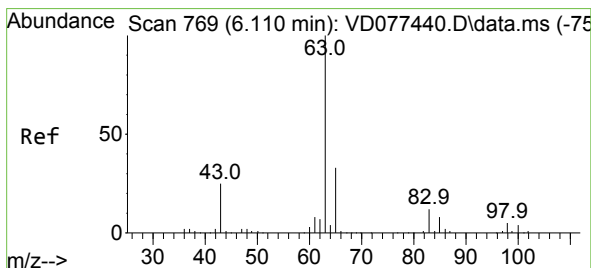
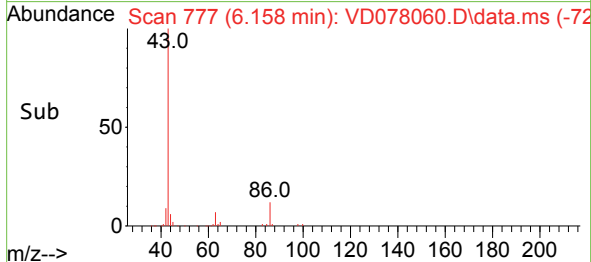
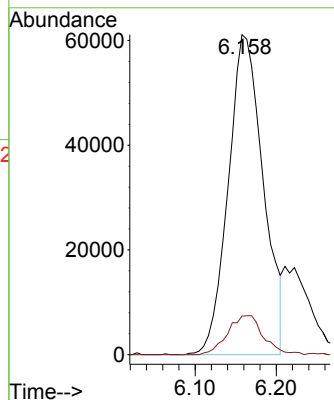
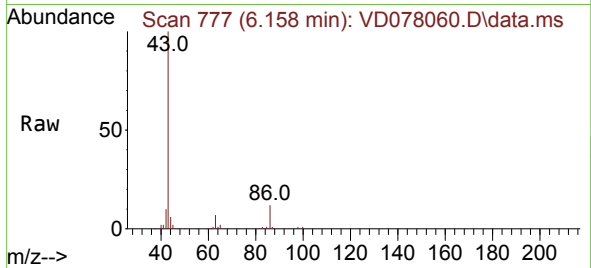




#23
 Vinyl Acetate
 Concen: 77.329 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

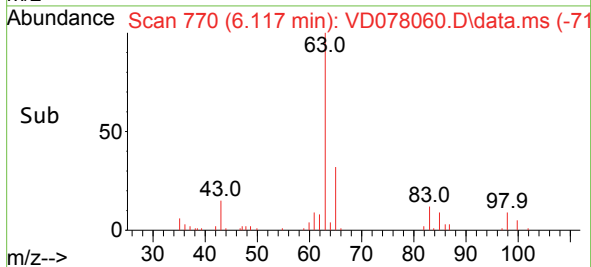
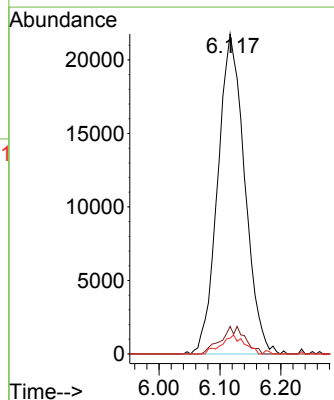
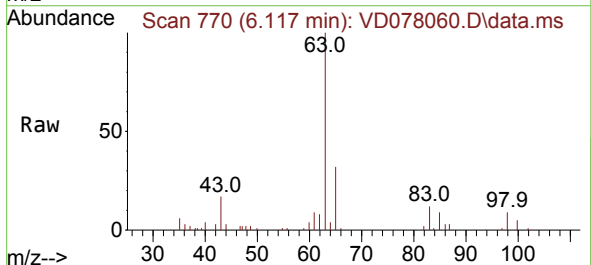
Instrument :
 MSVOA_D
 ClientSampleId :

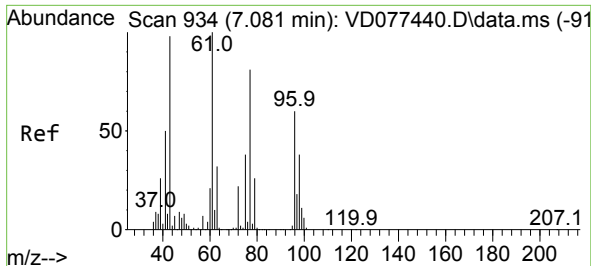
Tgt Ion: 43 Resp: 183068
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.360 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.007 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

Tgt Ion: 63 Resp: 66841
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 4.9 2.5 7.5

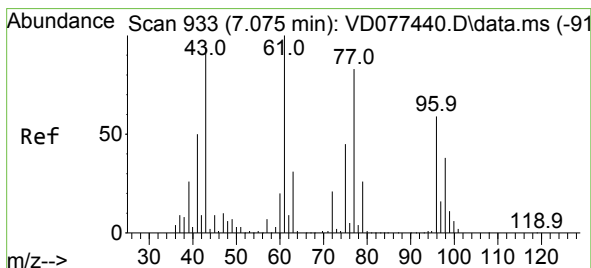
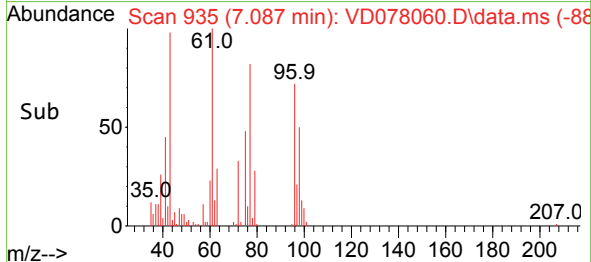
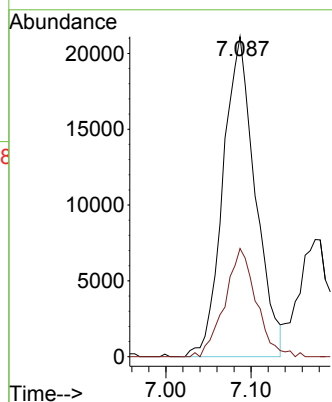
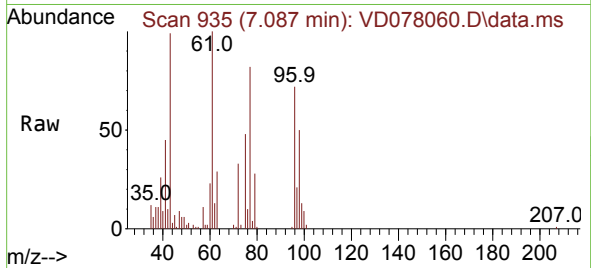




#25
2-Butanone
Concen: 114.060 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

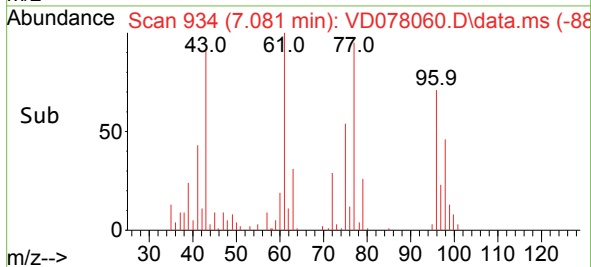
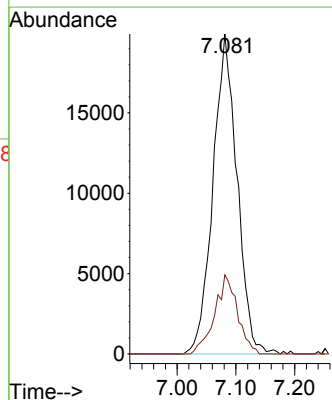
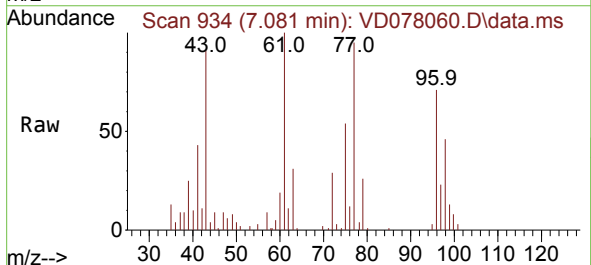
Instrument :
MSVOA_D
ClientSampleId :

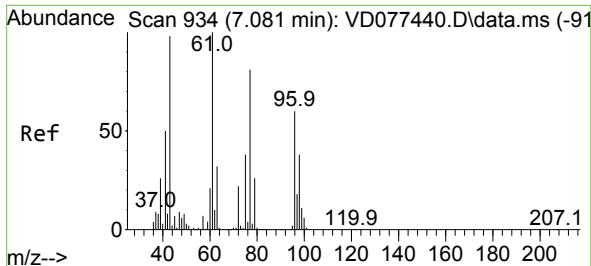
Tgt Ion: 43 Resp: 55555
Ion Ratio Lower Upper
43 100
72 33.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.536 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

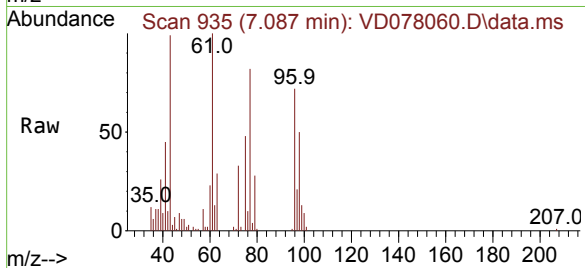
Tgt Ion: 77 Resp: 56604
Ion Ratio Lower Upper
77 100
97 23.5 13.2 39.6



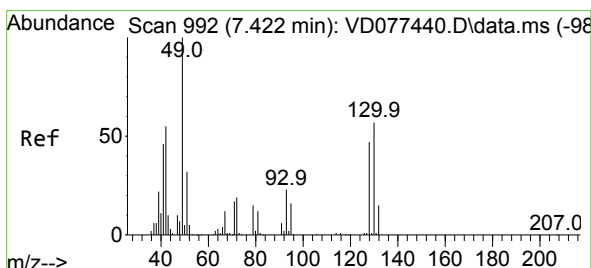
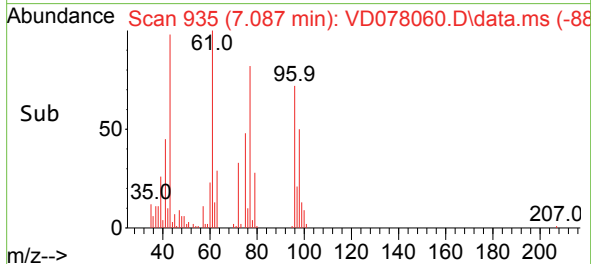
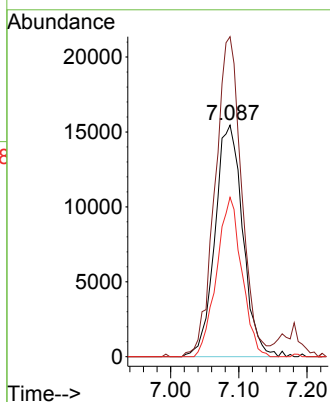


#27
 cis-1,2-Dichloroethene
 Concen: 21.310 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

Instrument :
 MSVOA_D
 ClientSampleId :

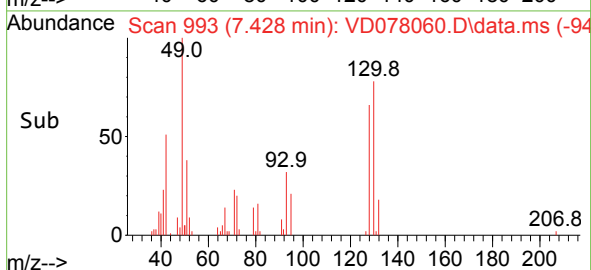
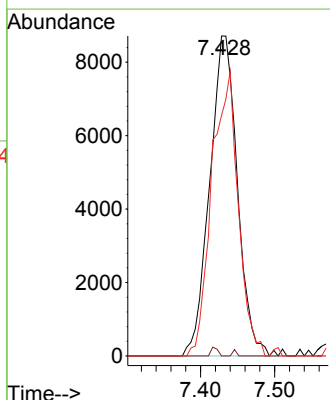
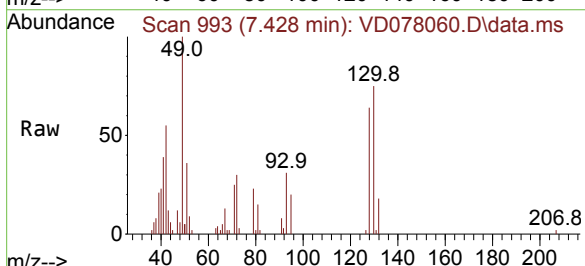


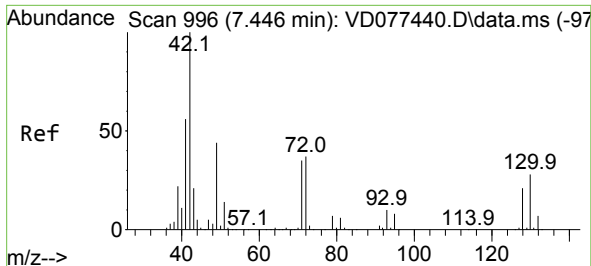
Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	239.2
98	62.2	0.0	128.6



#28
 Bromochloromethane
 Concen: 17.057 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	6.0
130	84.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 94.407 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078060.D

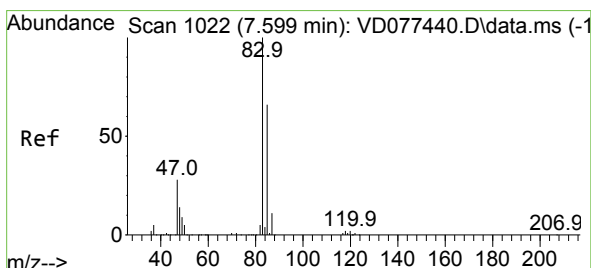
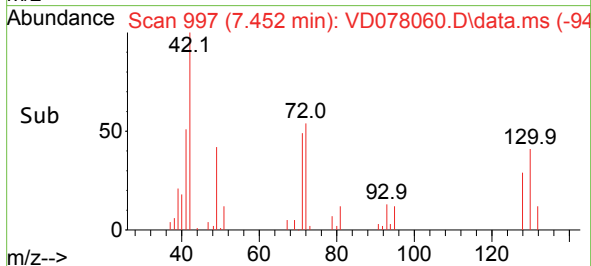
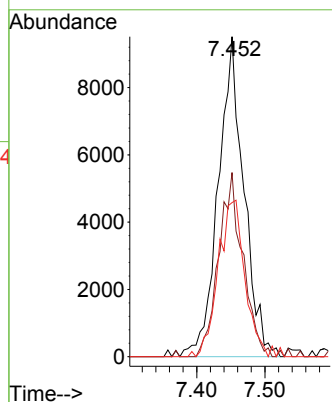
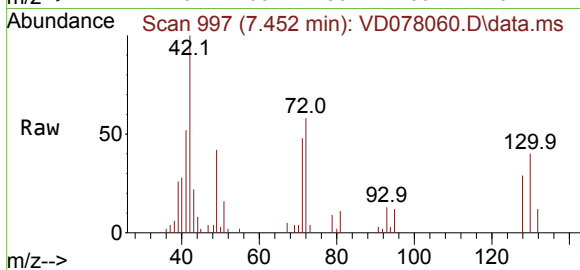
Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	24858
Ion	Ratio	Lower	Upper
42	100		
72	54.1	46.5	69.7
71	50.6	44.5	66.7



#30

Chloroform

Concen: 22.218 ug/l

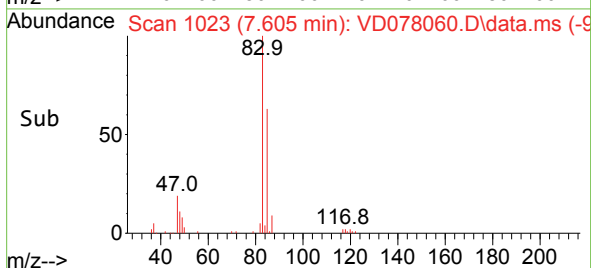
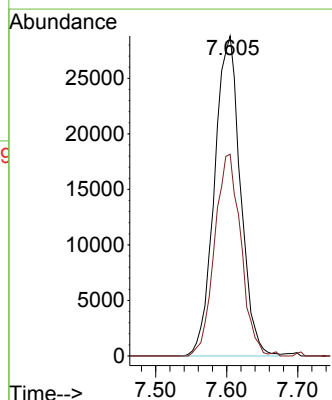
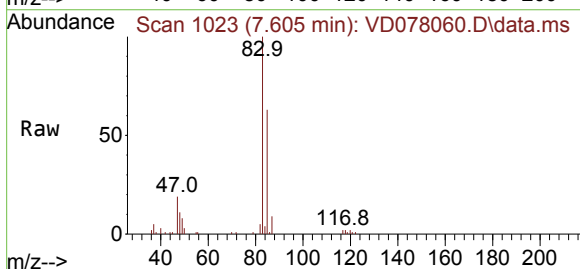
RT: 7.605 min Scan# 1023

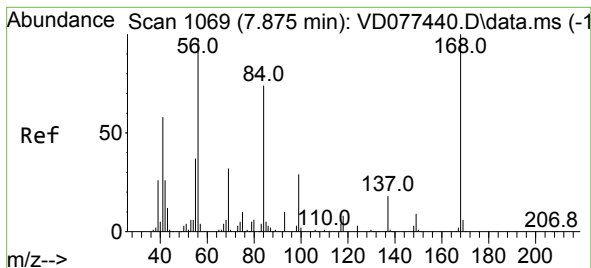
Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Tgt Ion:	83	Resp:	73001
Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.4	80.2





#31

Cyclohexane

Concen: 16.867 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. 0.012 min

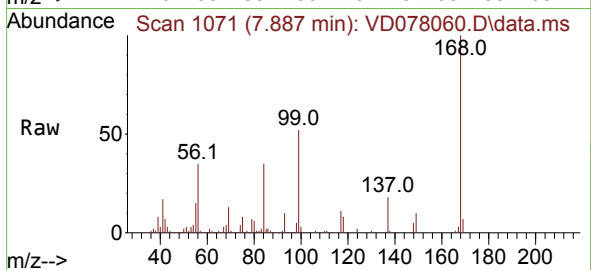
Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :



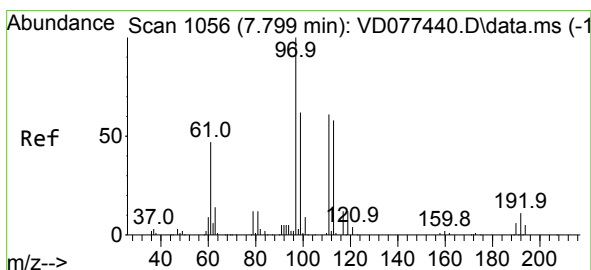
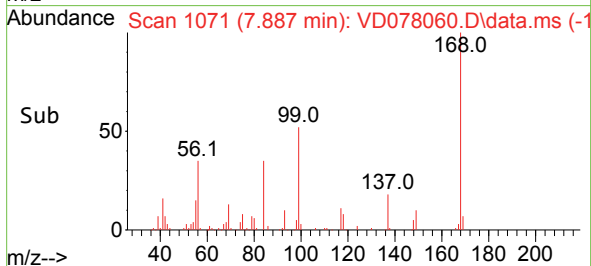
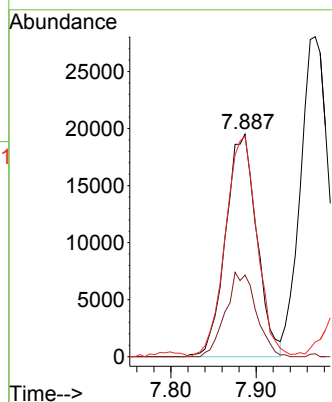
Tgt Ion: 56 Resp: 49607

Ion Ratio Lower Upper

56 100

69 36.6 28.6 43.0

84 97.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.837 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

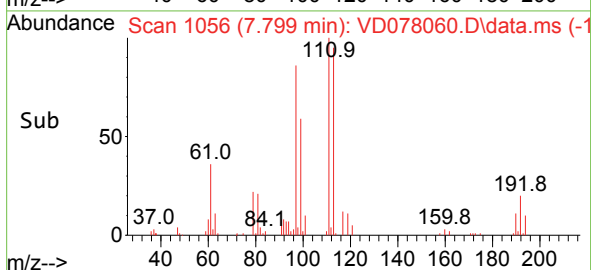
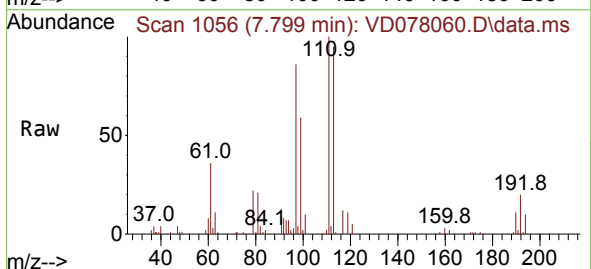
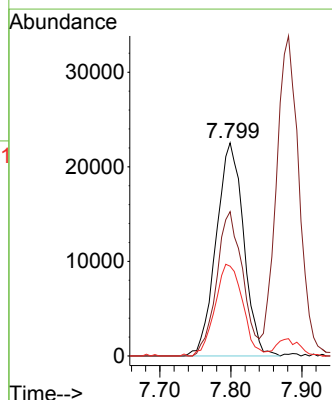
Tgt Ion: 97 Resp: 60354

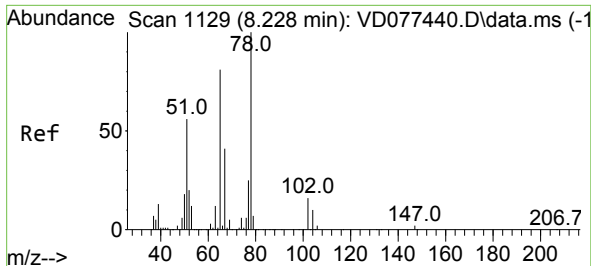
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.541 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

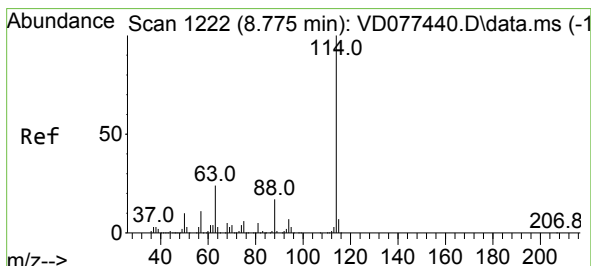
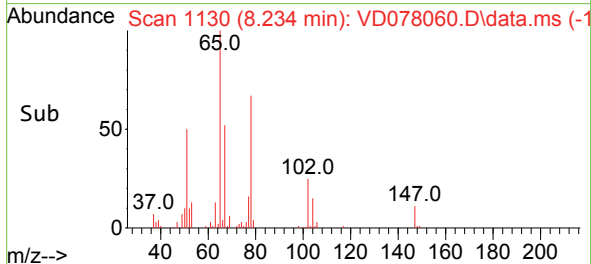
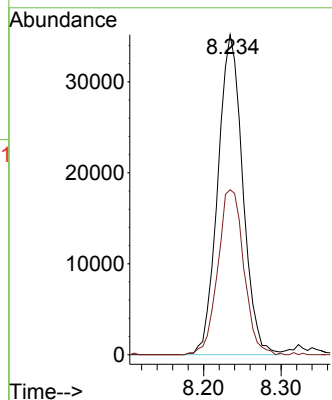
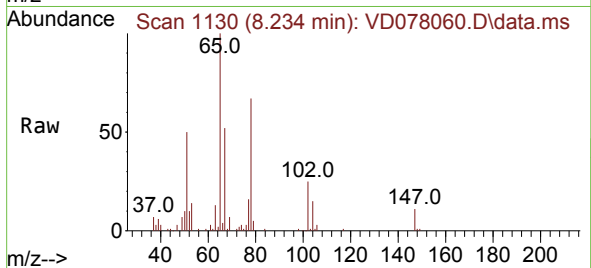
ClientSampleId :

Tgt Ion: 65 Resp: 78609

Ion Ratio Lower Upper

65 100

67 53.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

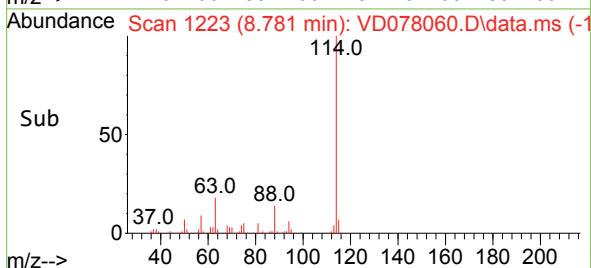
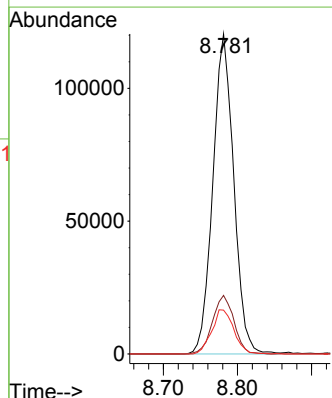
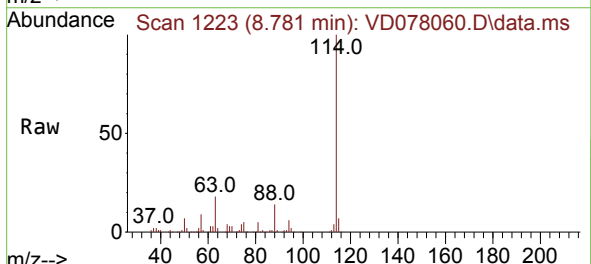
Tgt Ion: 114 Resp: 235680

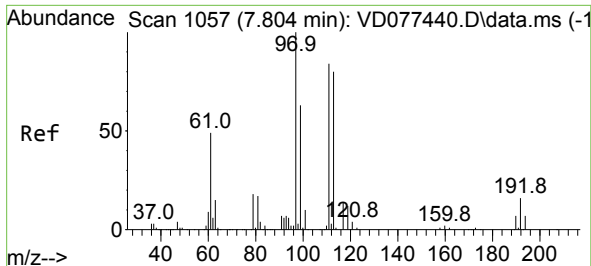
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

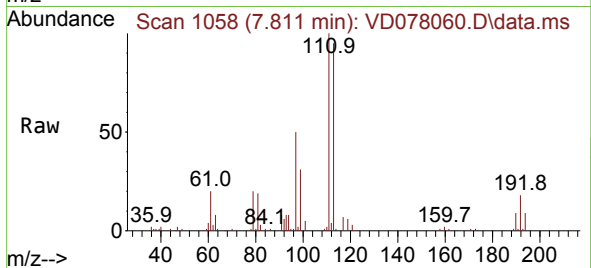
88 13.7 0.0 26.2



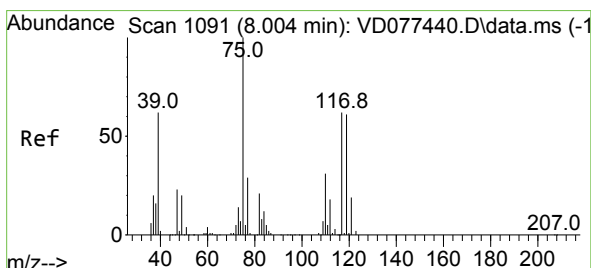
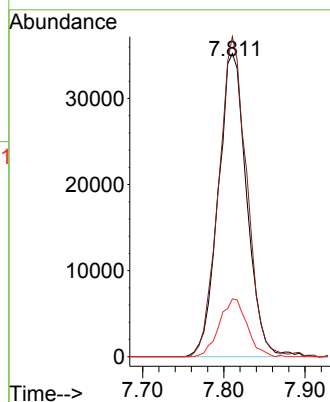
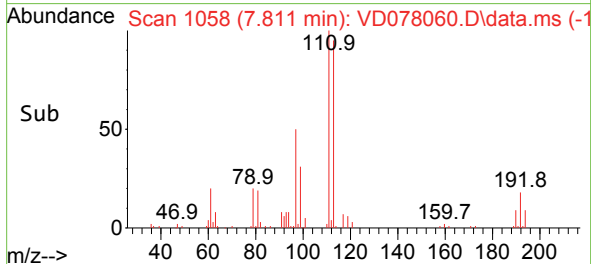


#35
Dibromofluoromethane
Concen: 51.623 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

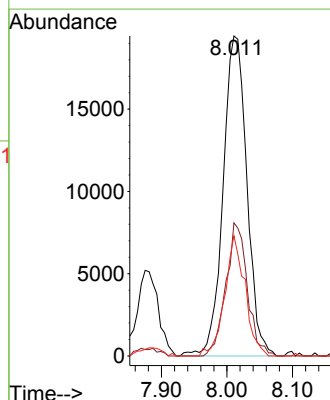
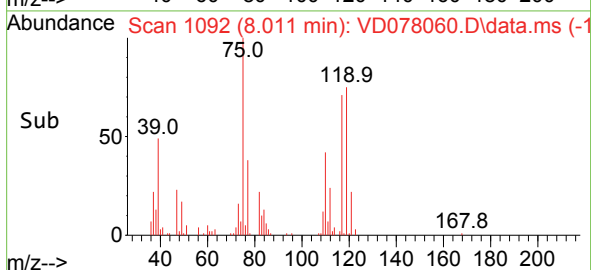
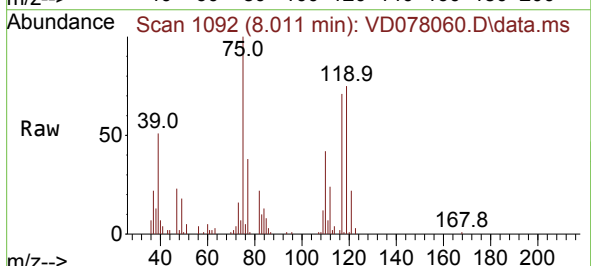


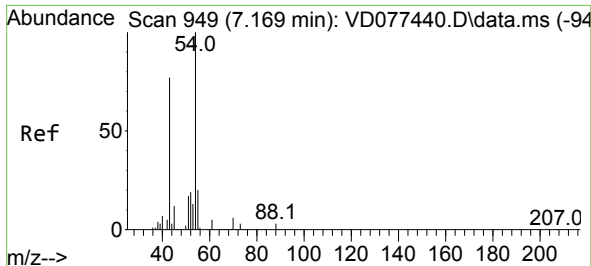
Tgt Ion:113 Resp: 85222
Ion Ratio Lower Upper
113 100
111 104.8 84.7 127.1
192 18.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.565 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.007 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

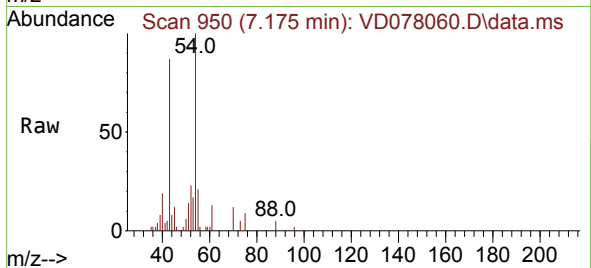
Tgt Ion: 75 Resp: 49023
Ion Ratio Lower Upper
75 100
110 37.6 19.9 59.6
77 32.2 24.7 37.1



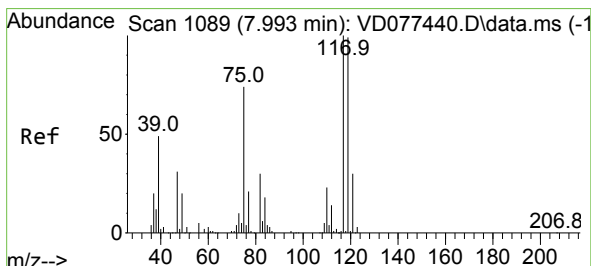
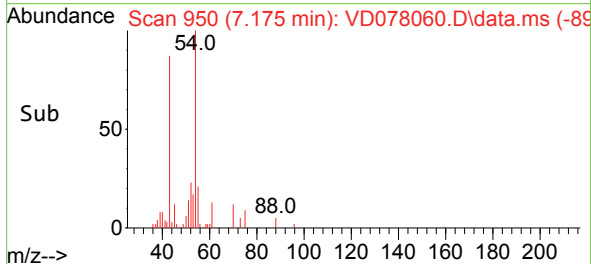
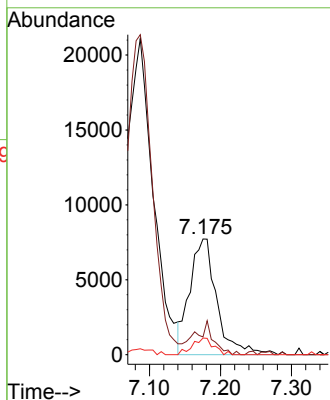


#37
Ethyl Acetate
Concen: 19.887 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

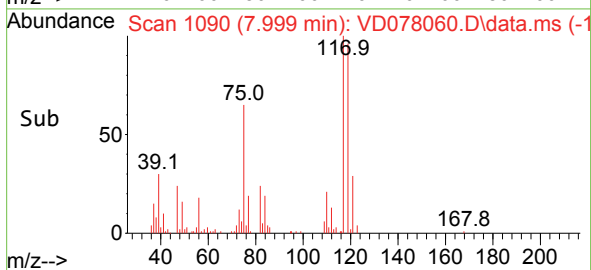
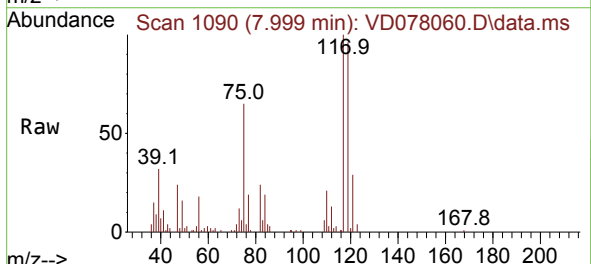
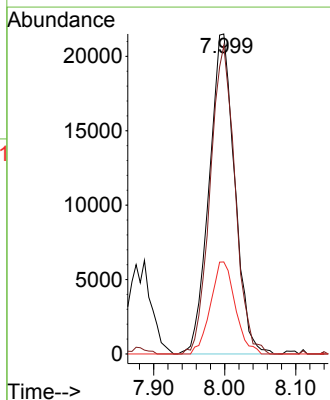


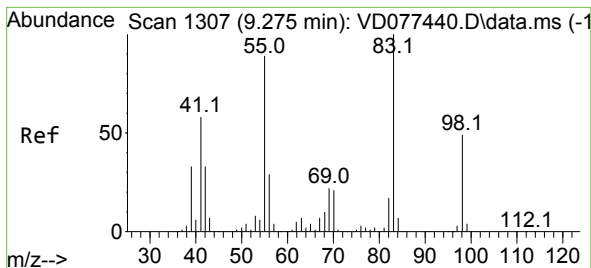
Tgt Ion: 43 Resp: 20476
Ion Ratio Lower Upper
43 100
61 19.8 14.9 22.3
70 11.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.399 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 117 Resp: 53700
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 17.676 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

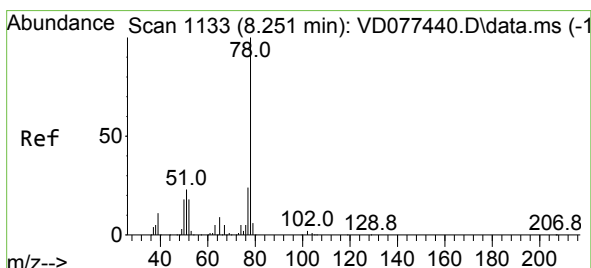
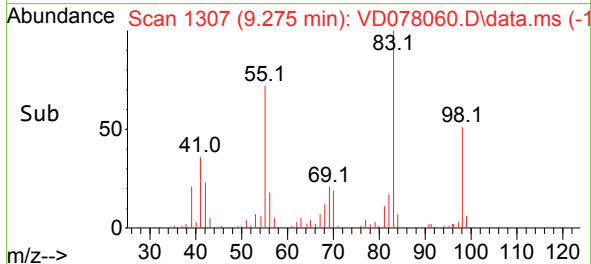
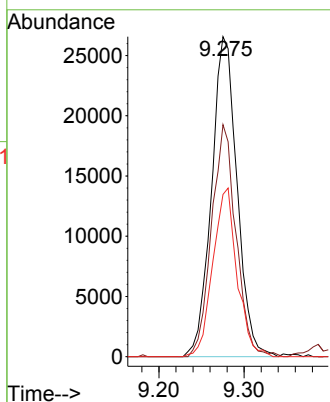
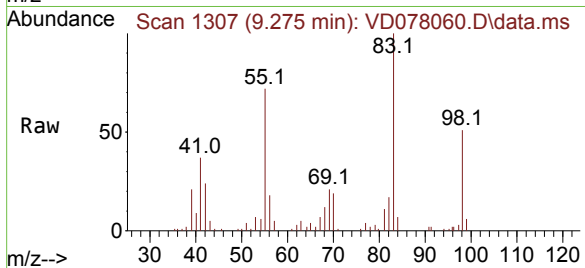
Tgt Ion: 83 Resp: 55335

Ion Ratio Lower Upper

83 100

55 72.5 49.4 74.0

98 50.7 38.4 57.6



#40

Benzene

Concen: 19.839 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078060.D

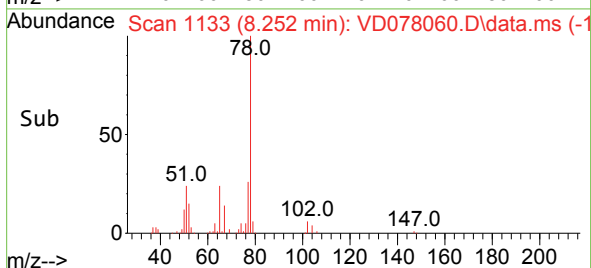
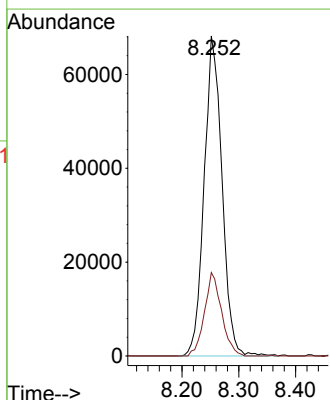
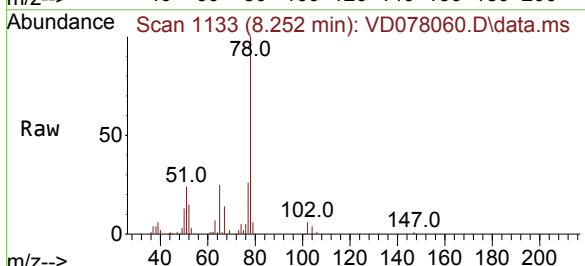
Acq: 22 Dec 2023 13:36

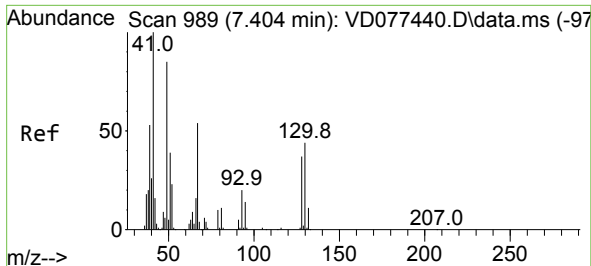
Tgt Ion: 78 Resp: 148686

Ion Ratio Lower Upper

78 100

77 26.1 19.4 29.0

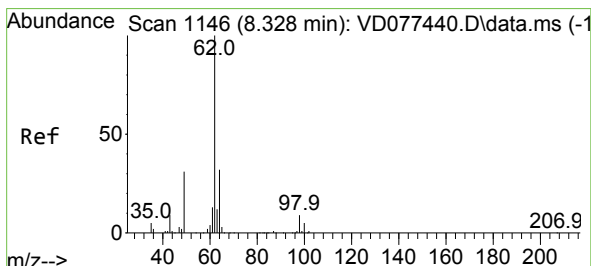
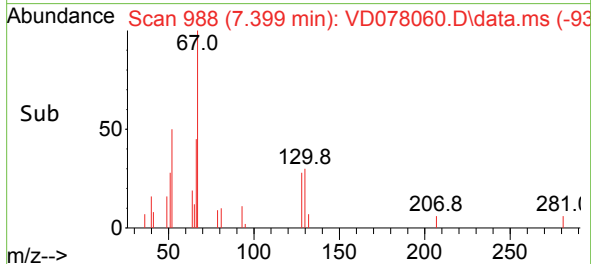
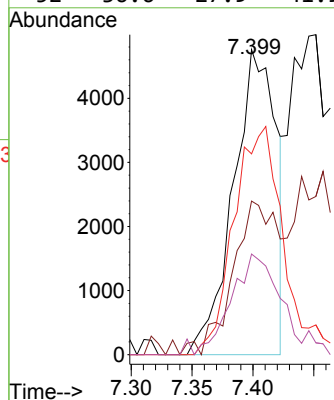
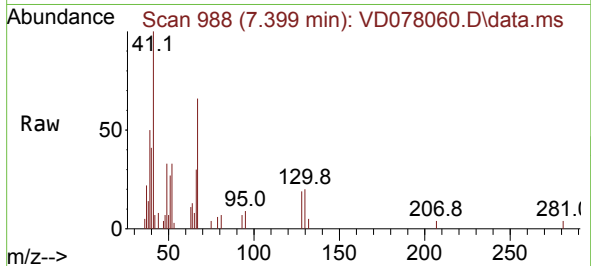




#41
Methacrylonitrile
Concen: 22.187 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

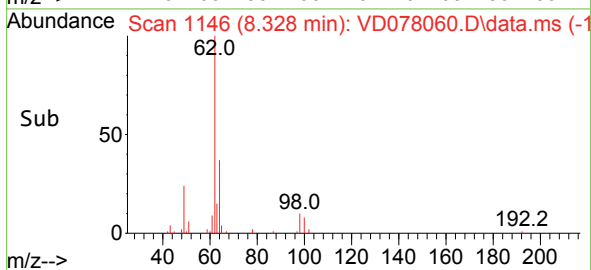
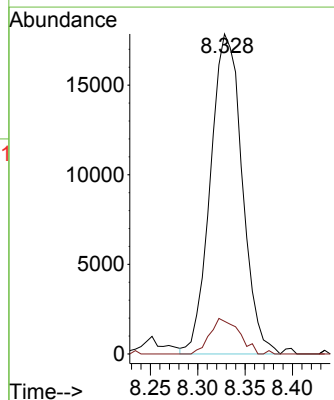
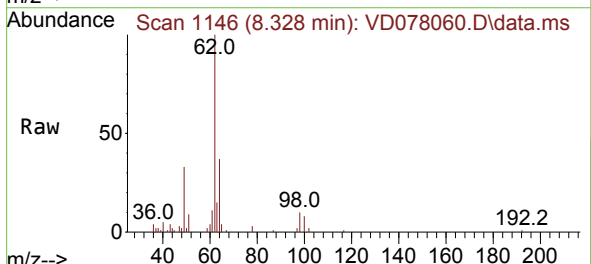
Instrument :
MSVOA_D
ClientSampleId :

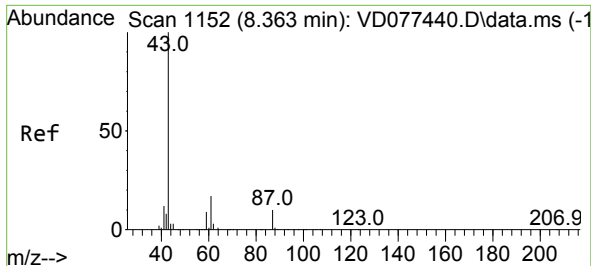
Tgt Ion: 41 Resp: 11611
Ion Ratio Lower Upper
41 100
39 52.1 34.0 51.0#
67 86.4 77.0 115.4
52 36.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.485 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

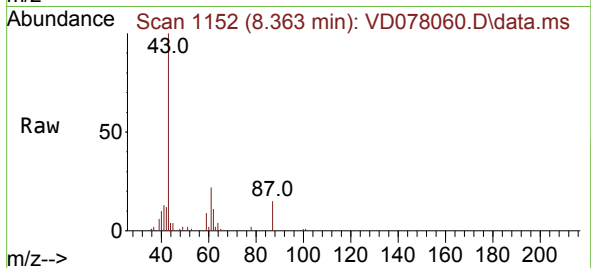
Tgt Ion: 62 Resp: 41739
Ion Ratio Lower Upper
62 100
98 10.1 0.0 25.4



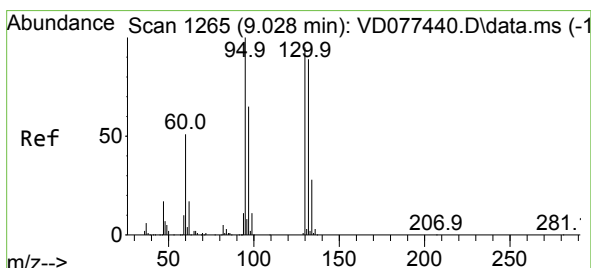
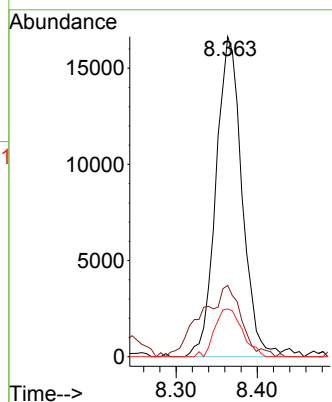
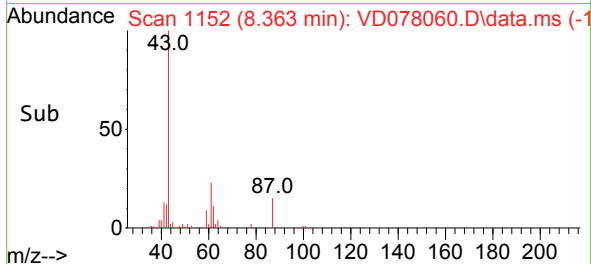


#43
Isopropyl Acetate
Concen: 20.239 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

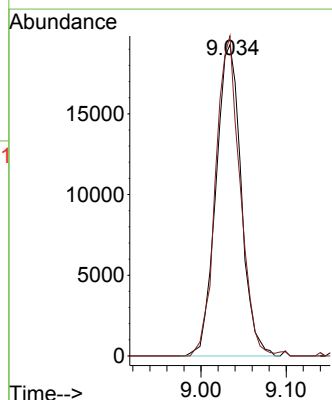
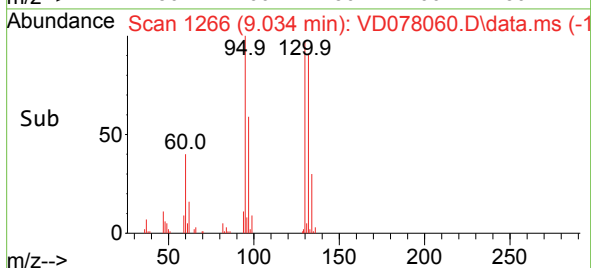
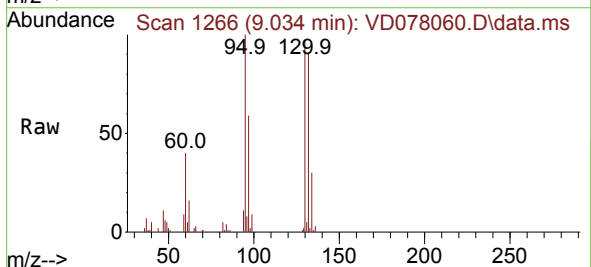


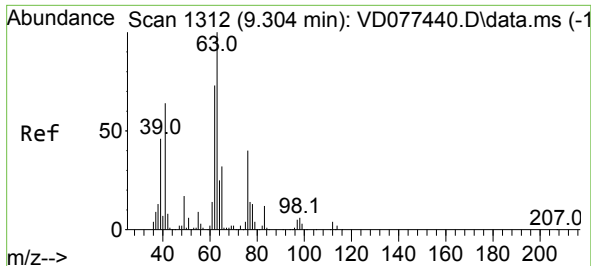
Tgt Ion: 43 Resp: 37043
Ion Ratio Lower Upper
43 100
61 34.4 31.4 47.0
87 15.8 14.9 22.3



#44
Trichloroethene
Concen: 20.311 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion:130 Resp: 39670
Ion Ratio Lower Upper
130 100
95 102.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.865 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

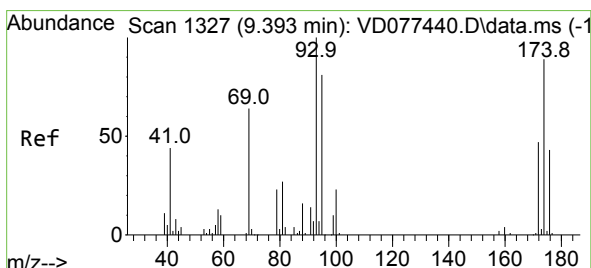
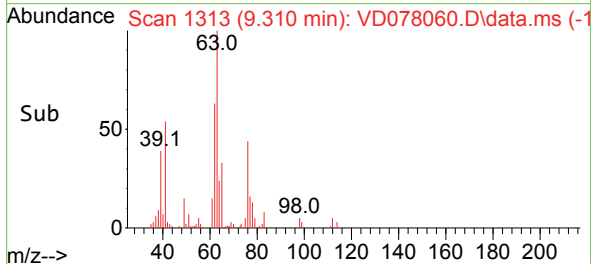
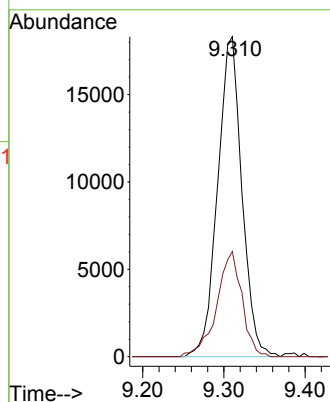
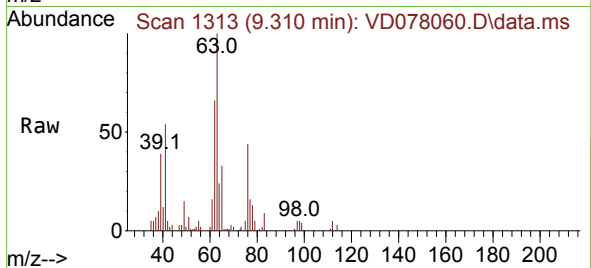
ClientSampleId :

Tgt Ion: 63 Resp: 38015

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 22.505 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

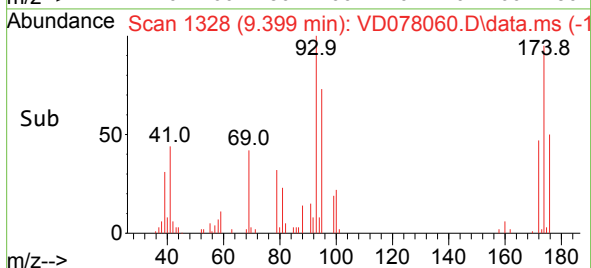
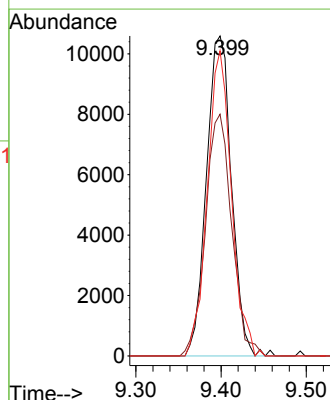
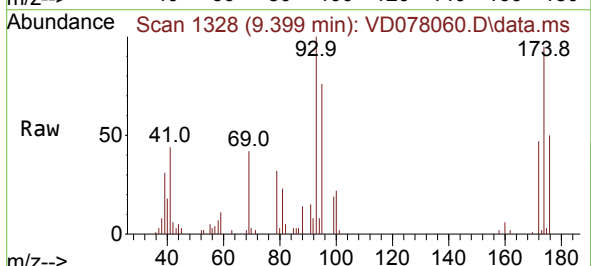
Tgt Ion: 93 Resp: 21695

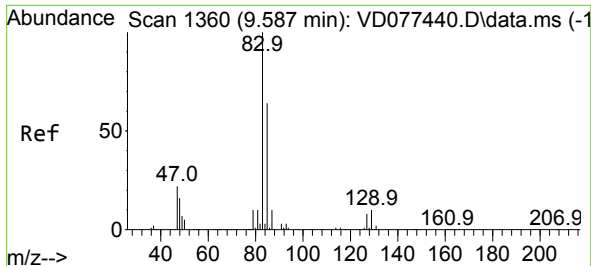
Ion Ratio Lower Upper

93 100

95 79.2 67.7 101.5

174 91.7 85.4 128.2

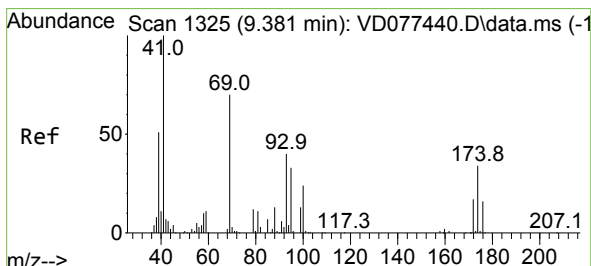
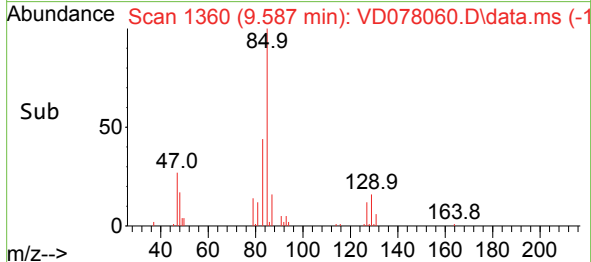
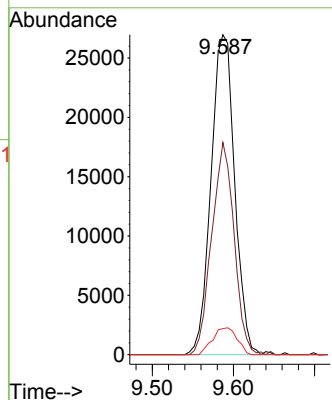
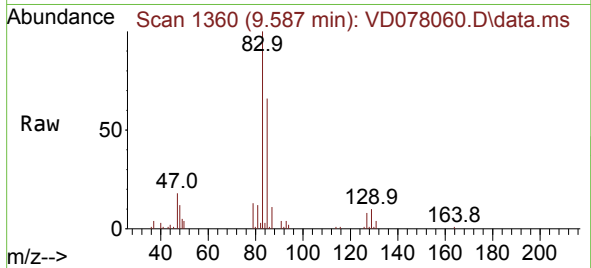




#47
Bromodichloromethane
Concen: 22.378 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

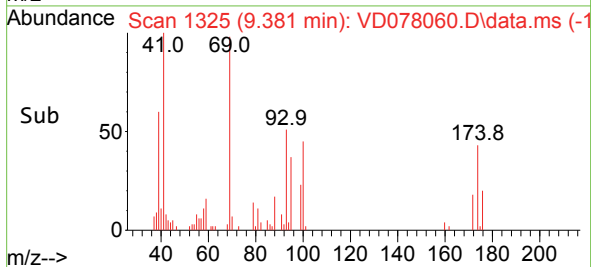
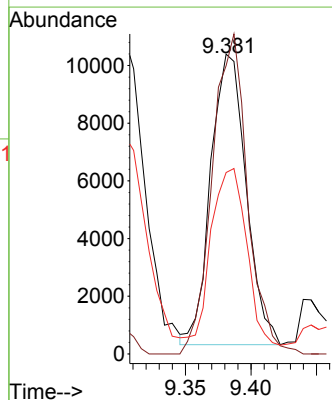
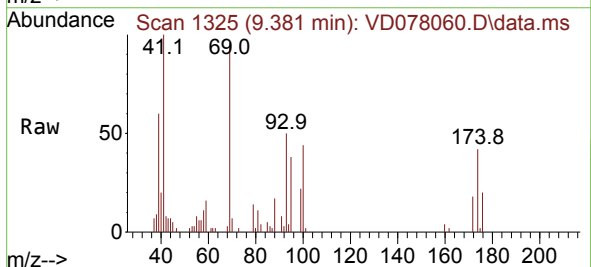
Instrument :
MSVOA_D
ClientSampleId :

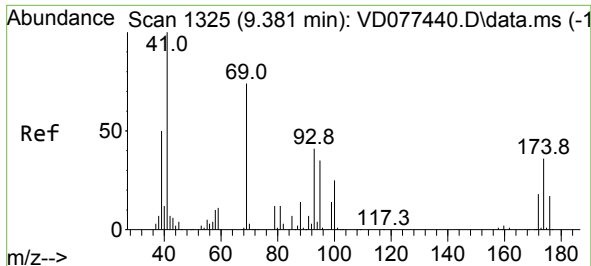
Tgt Ion: 83 Resp: 54680
Ion Ratio Lower Upper
83 100
85 66.3 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 18.190 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 41 Resp: 18926
Ion Ratio Lower Upper
41 100
69 109.6 102.2 153.2
39 67.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 415.260 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

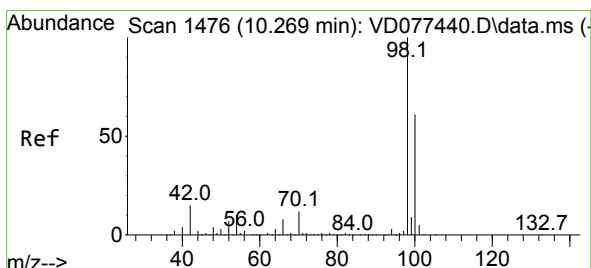
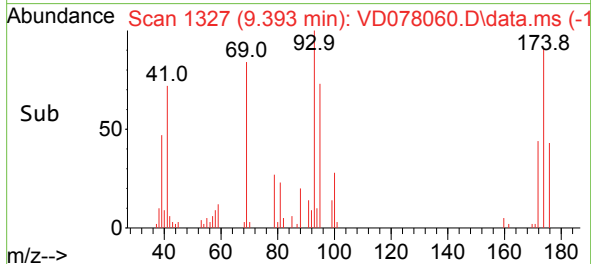
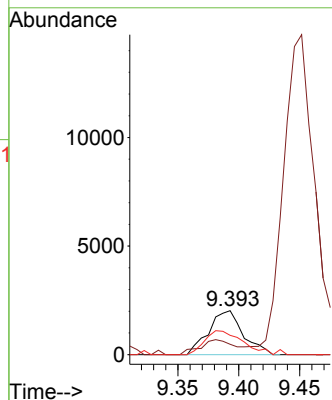
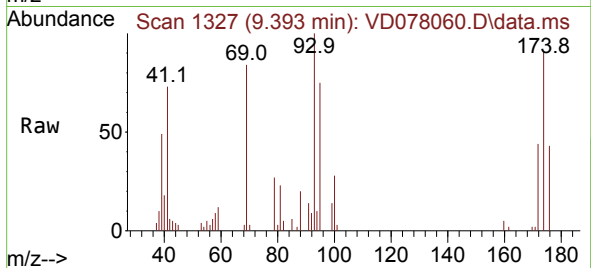
Tgt Ion: 88 Resp: 3975

Ion Ratio Lower Upper

88 100

43 34.9 19.0 28.6#

58 61.7 43.5 65.3



#50

Toluene-d8

Concen: 50.400 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078060.D

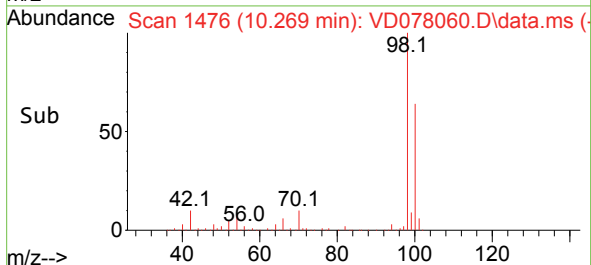
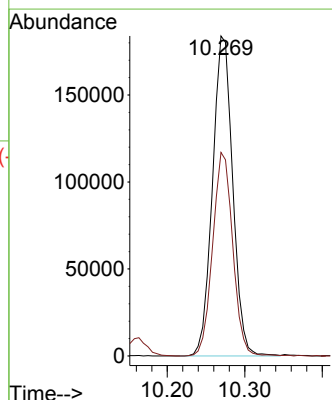
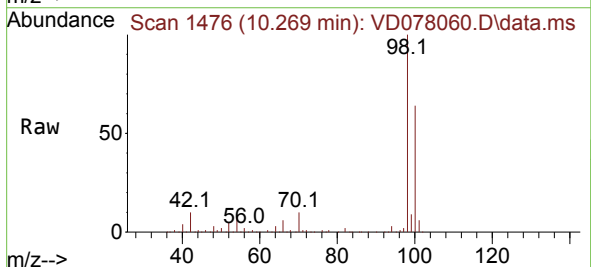
Acq: 22 Dec 2023 13:36

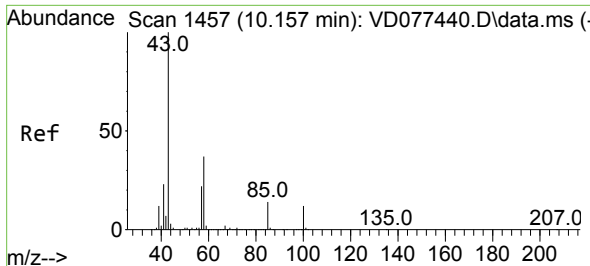
Tgt Ion: 98 Resp: 333238

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

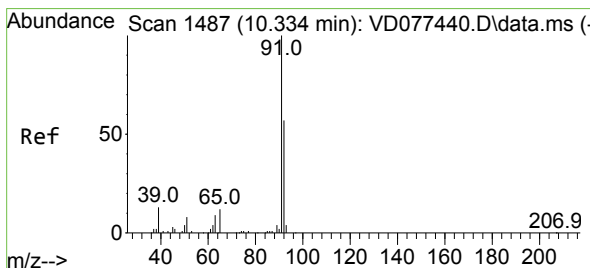
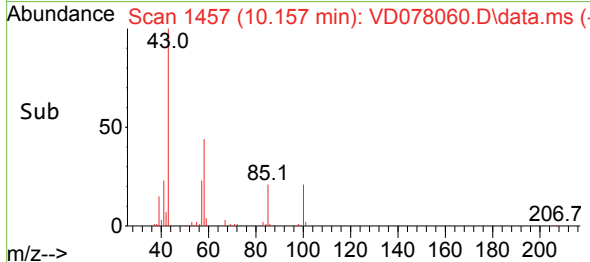
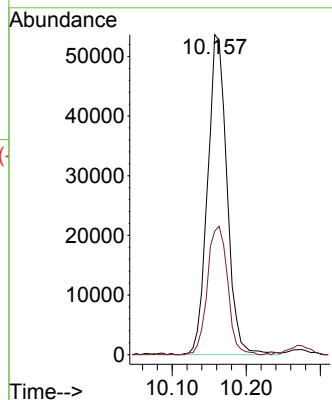
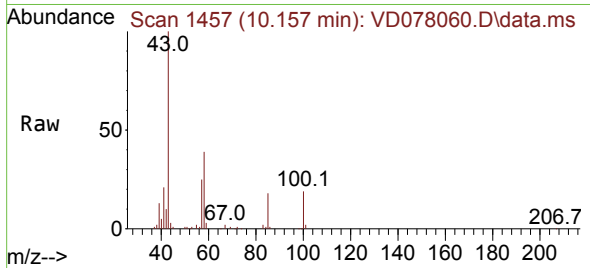




#51
4-Methyl-2-Pentanone
Concen: 104.427 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

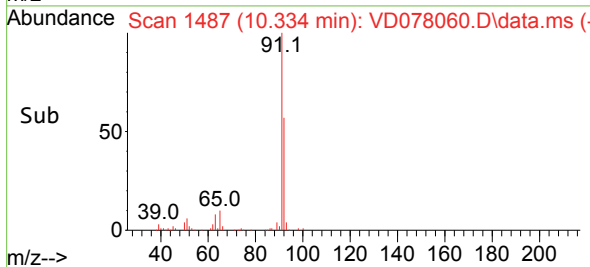
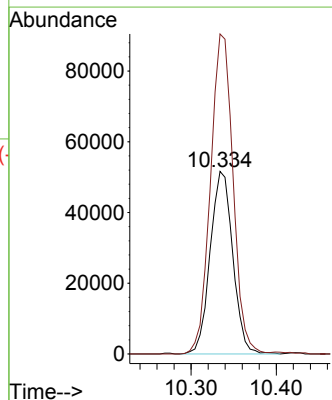
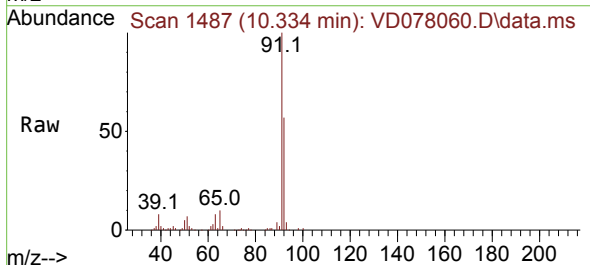
Instrument :
MSVOA_D
ClientSampleId :

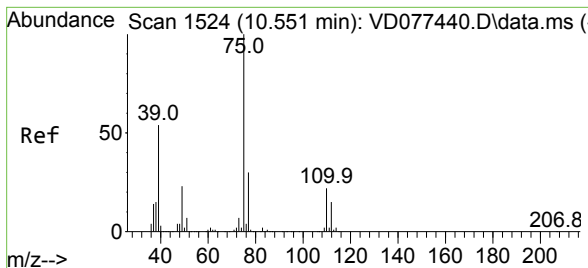
Tgt Ion: 43 Resp: 97548
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 20.438 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 92 Resp: 95015
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

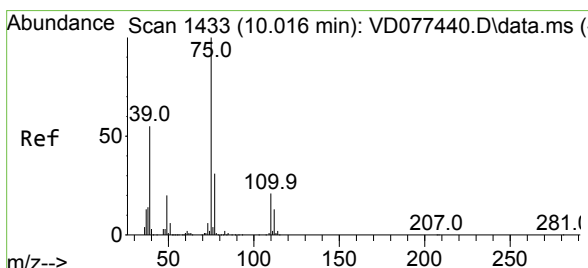
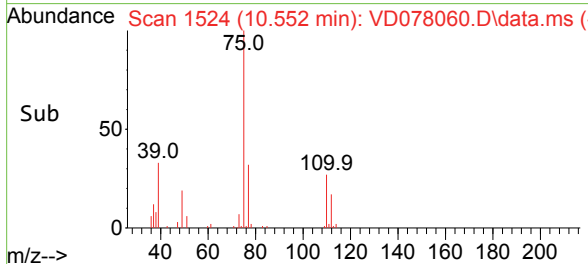
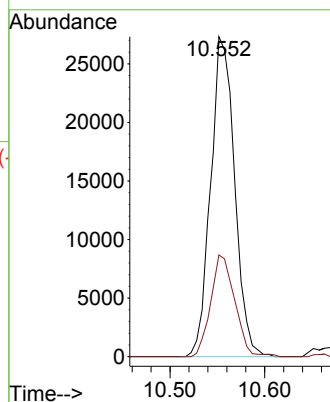
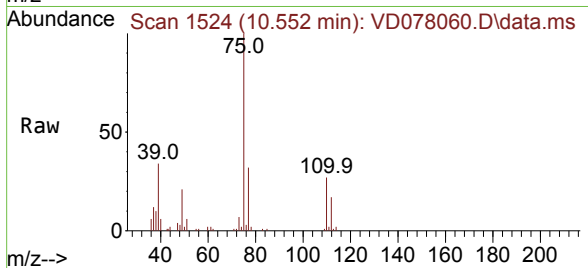




#53
t-1,3-Dichloropropene
Concen: 20.466 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

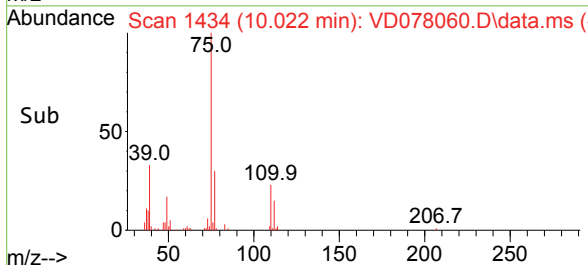
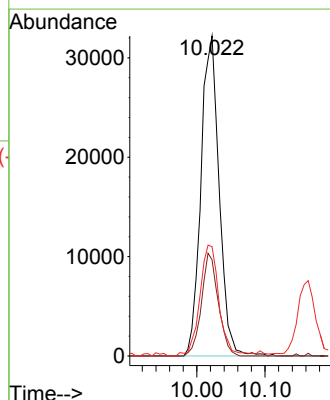
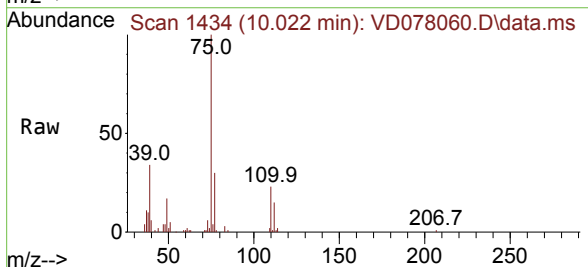
Instrument :
MSVOA_D
ClientSampleId :

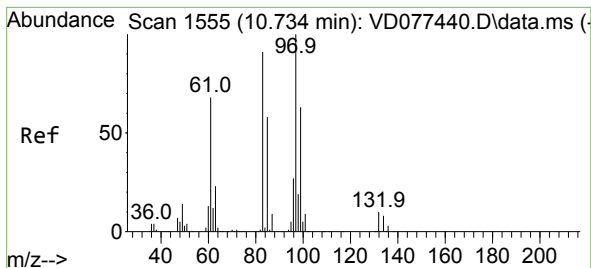
Tgt Ion: 75 Resp: 48021
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.106 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

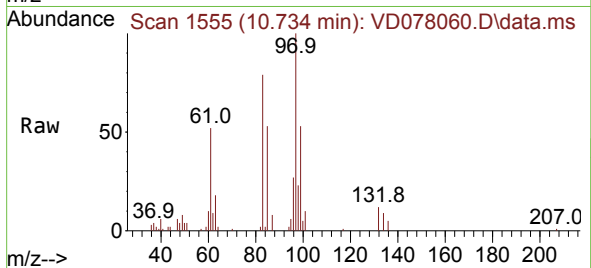
Tgt Ion: 75 Resp: 59876
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
39 33.4 22.1 33.1#



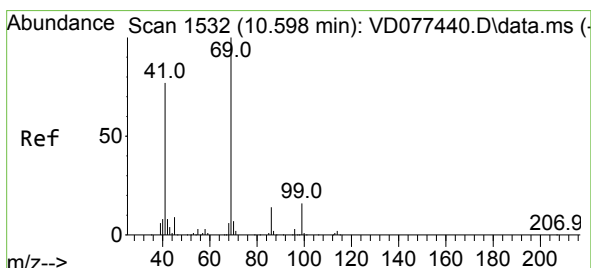
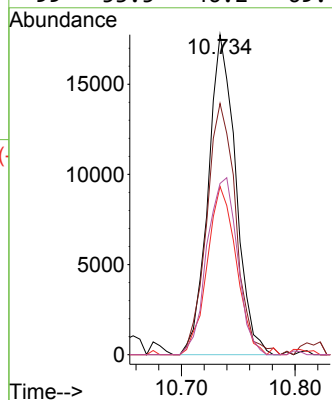
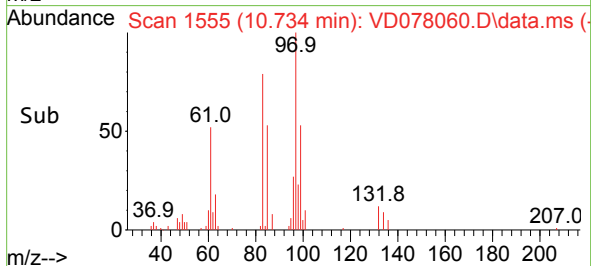


#55
 1,1,2-Trichloroethane
 Concen: 22.695 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

Instrument :
 MSVOA_D
 ClientSampleId :

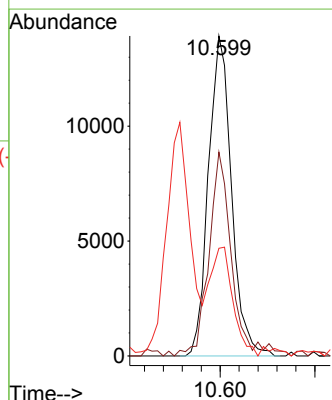
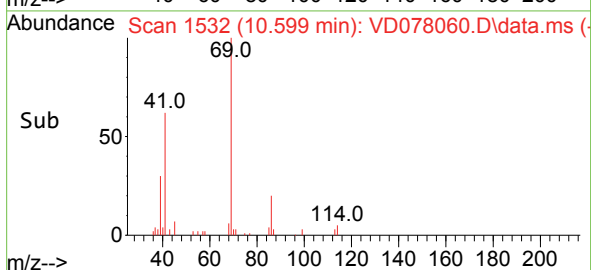
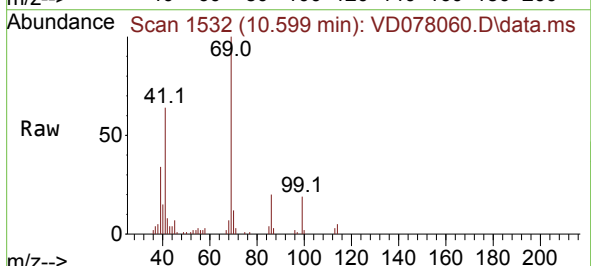


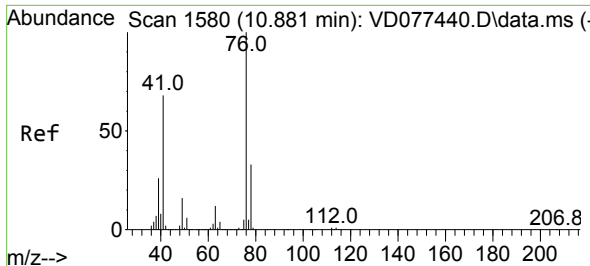
Tgt Ion:	97	Resp:	29926
Ion	Ratio	Lower	Upper
97	100		
83	78.5	65.8	98.6
85	52.5	45.7	68.5
99	53.5	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 20.266 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.001 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

Tgt Ion:	69	Resp:	23557
Ion	Ratio	Lower	Upper
69	100		
41	63.2	39.1	58.7#
39	34.4	20.0	30.0#

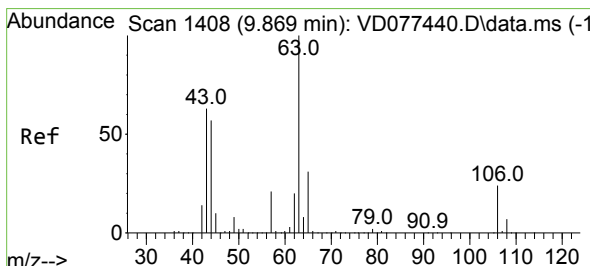
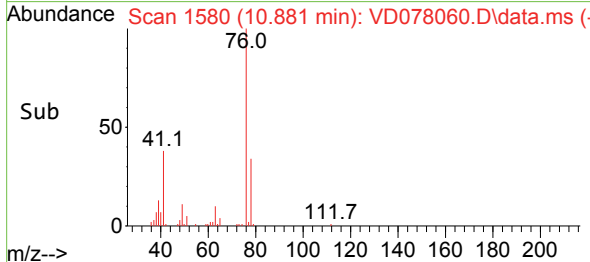
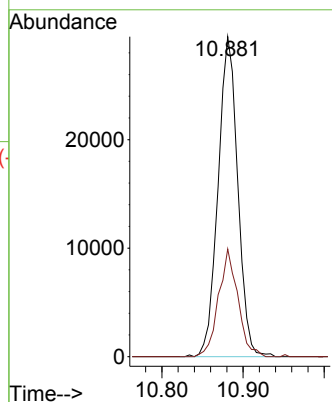
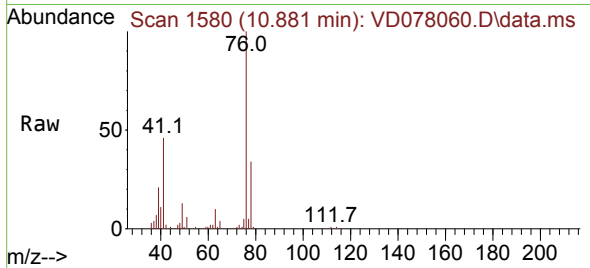




#57
1,3-Dichloropropane
Concen: 21.887 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

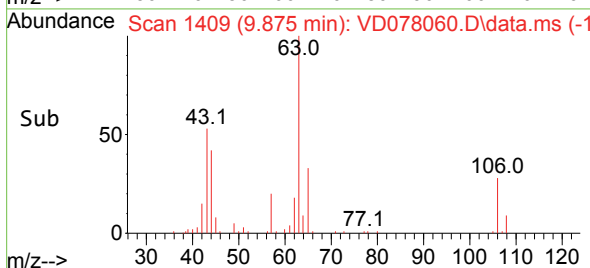
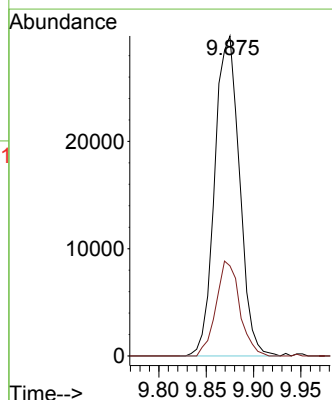
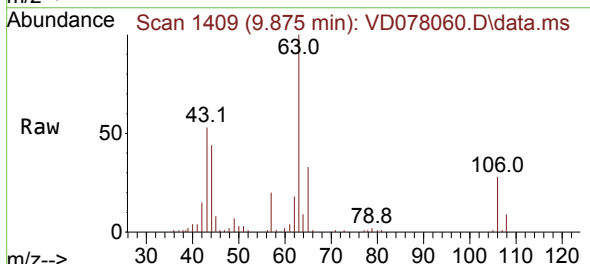
Instrument :
MSVOA_D
ClientSampleId :

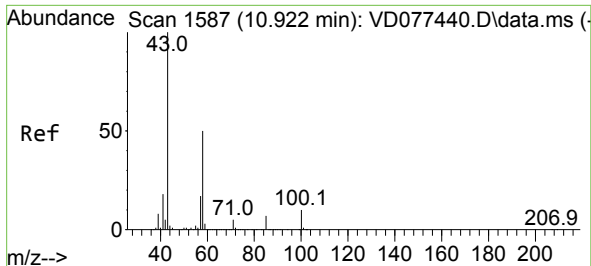
Tgt Ion: 76 Resp: 49748
Ion Ratio Lower Upper
76 100
78 33.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 82.005 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 63 Resp: 54360
Ion Ratio Lower Upper
63 100
106 28.3 25.3 37.9

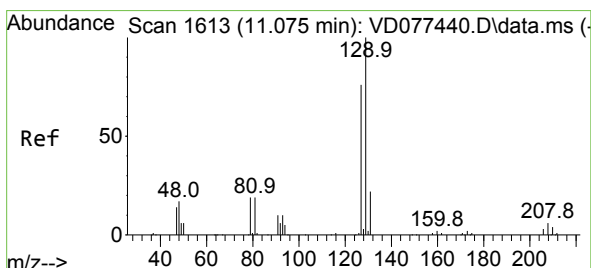
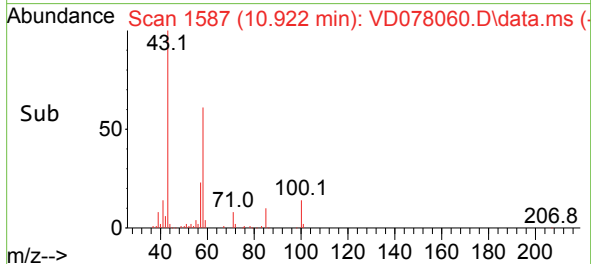
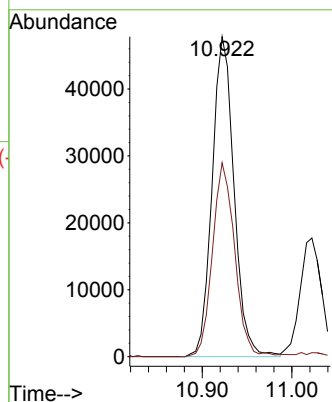
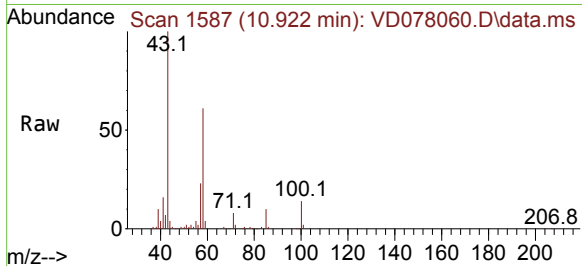




#59
2-Hexanone
Concen: 104.543 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

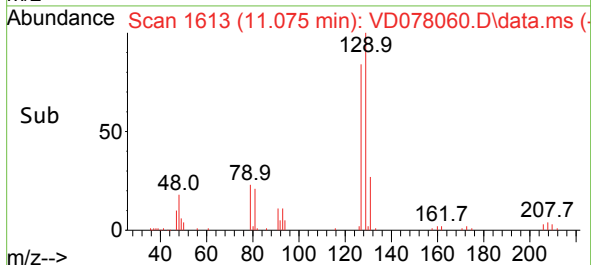
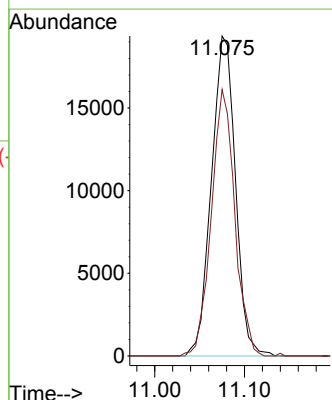
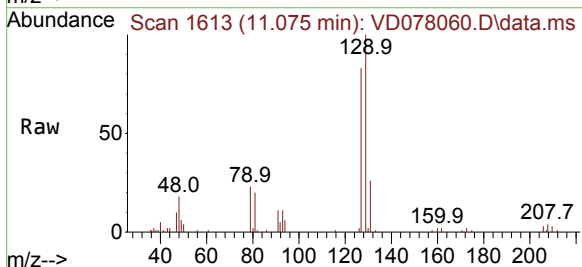
Instrument :
MSVOA_D
ClientSampleId :

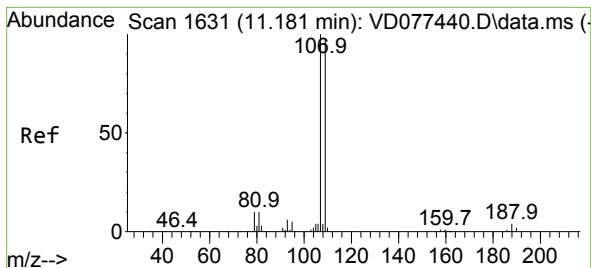
Tgt Ion: 43 Resp: 81020
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 22.653 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion:129 Resp: 35964
Ion Ratio Lower Upper
129 100
127 81.4 37.1 111.5

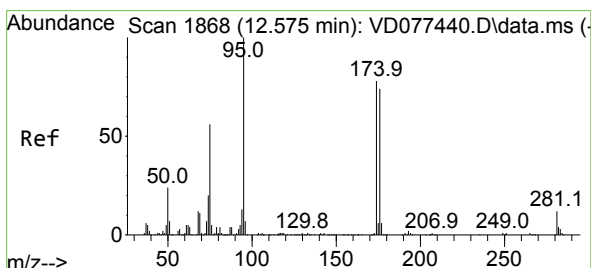
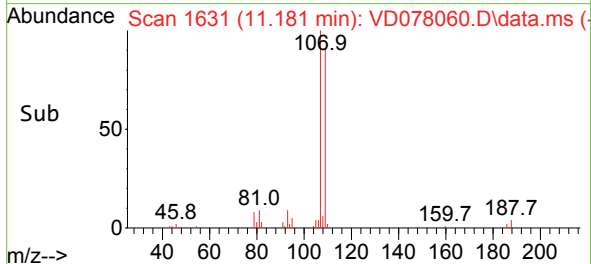
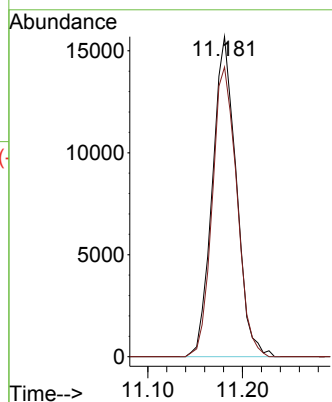
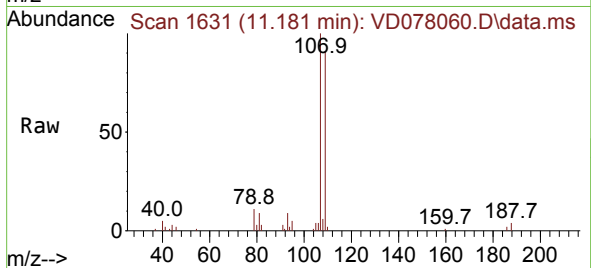




#61
1,2-Dibromoethane
Concen: 22.101 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

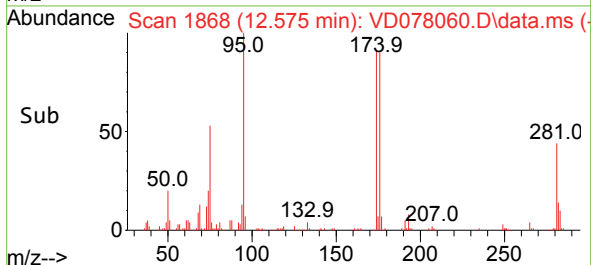
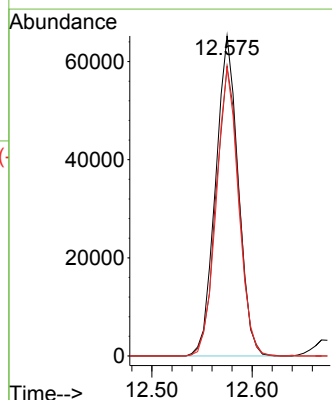
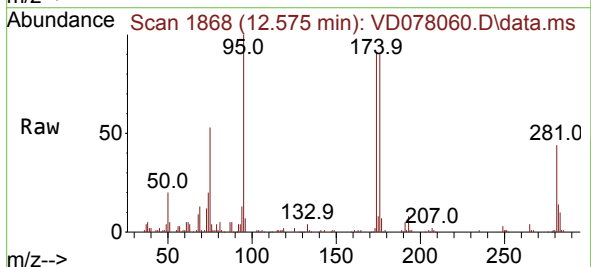
Instrument :
MSVOA_D
ClientSampleId :

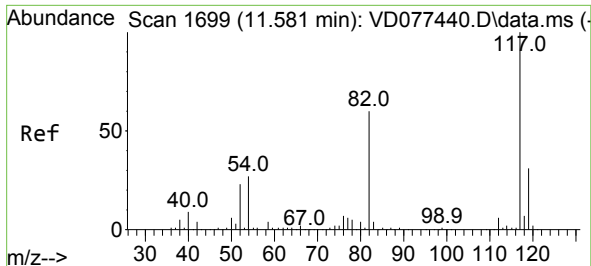
Tgt Ion:107 Resp: 27433
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.687 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 95 Resp: 102175
Ion Ratio Lower Upper
95 100
174 91.3 0.0 201.8
176 88.5 0.0 191.8

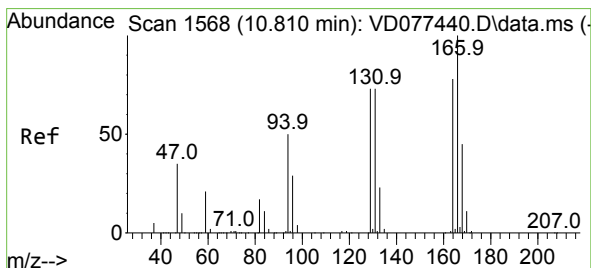
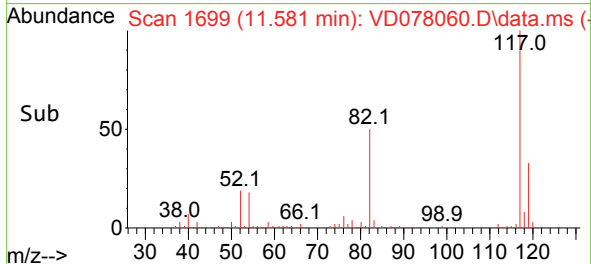
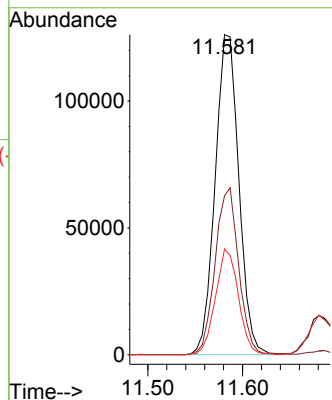
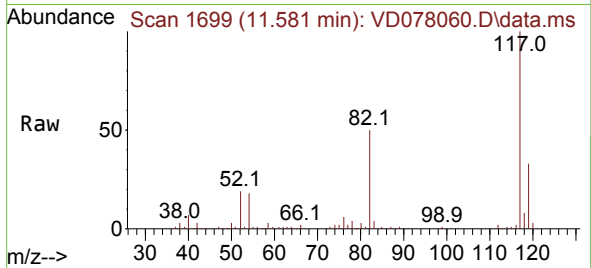




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

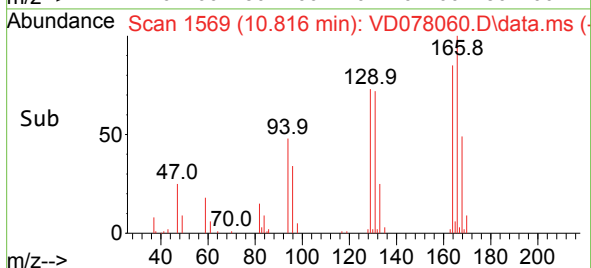
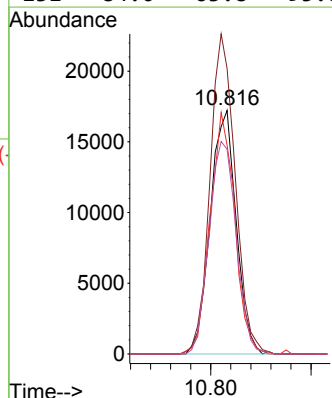
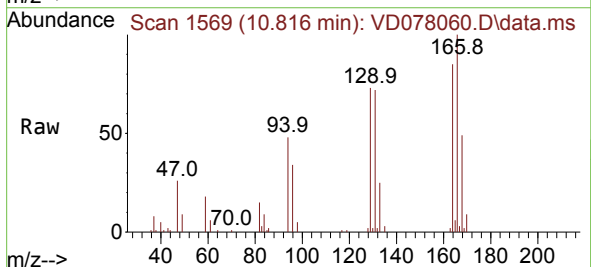
Instrument :
MSVOA_D
ClientSampleId :

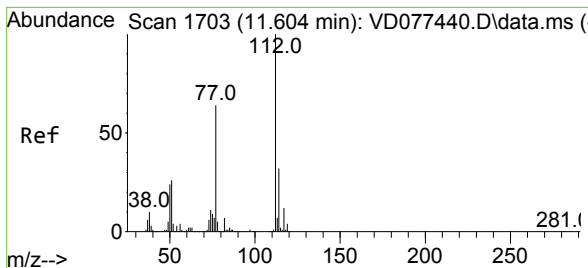
Tgt Ion:117 Resp: 219683
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 33.1 25.0 37.4



#64
Tetrachloroethene
Concen: 19.049 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion:164 Resp: 30758
Ion Ratio Lower Upper
164 100
166 117.2 99.2 148.8
129 85.7 68.4 102.6
131 84.0 63.8 95.8





#65

Chlorobenzene

Concen: 19.011 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

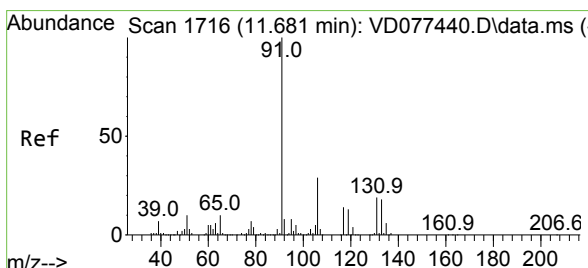
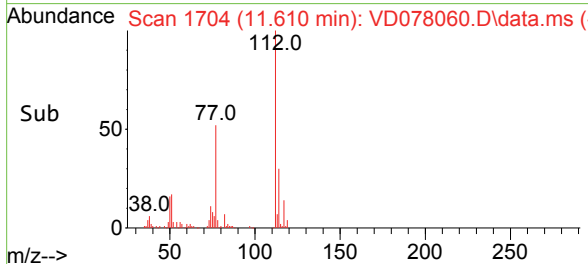
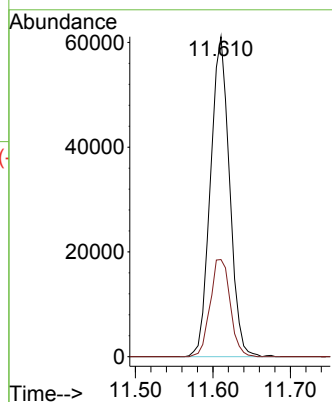
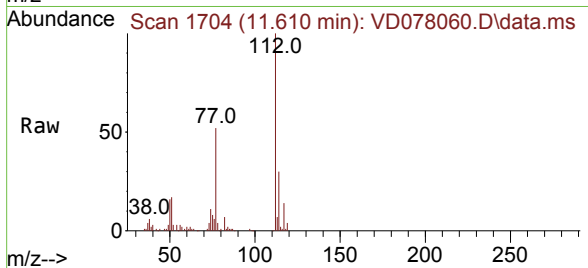
ClientSampleId :

Tgt Ion:112 Resp: 104413

Ion Ratio Lower Upper

112 100

114 30.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.337 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

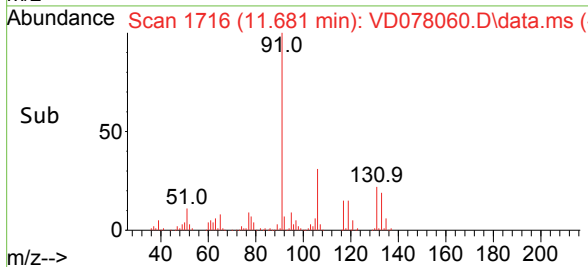
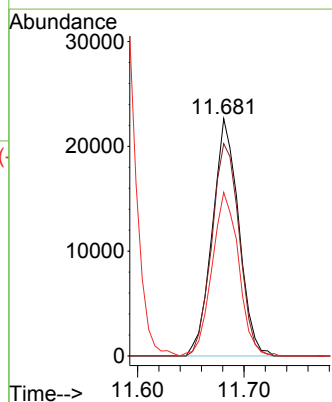
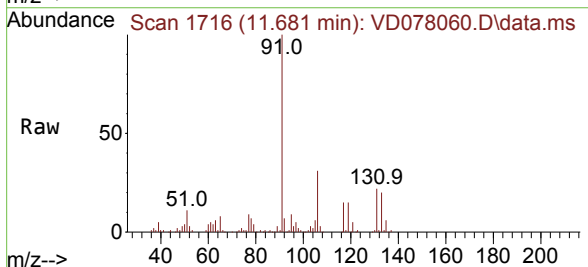
Tgt Ion:131 Resp: 38978

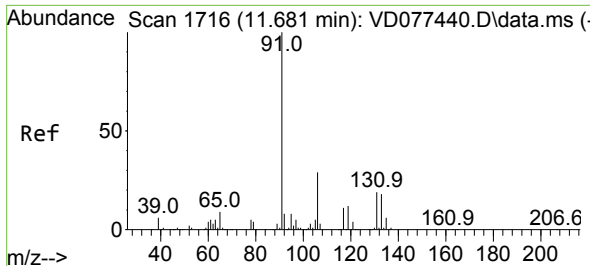
Ion Ratio Lower Upper

131 100

133 92.9 48.5 145.5

119 69.7 35.6 106.9

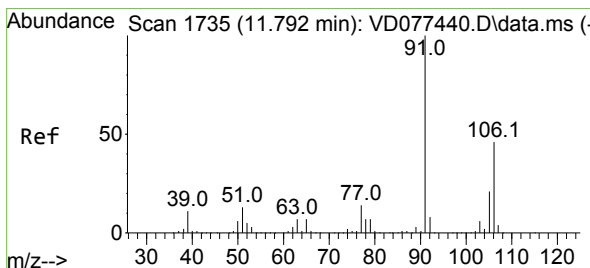
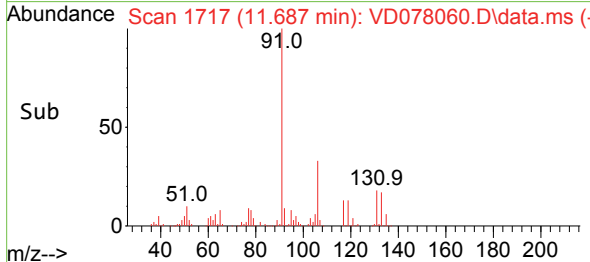
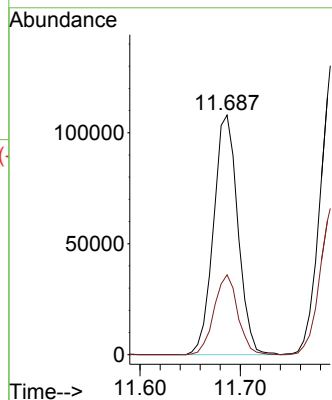
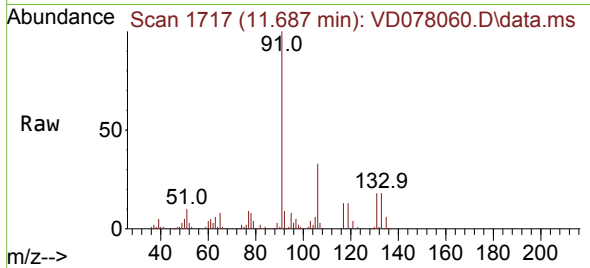




#67
Ethyl Benzene
Concen: 19.926 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

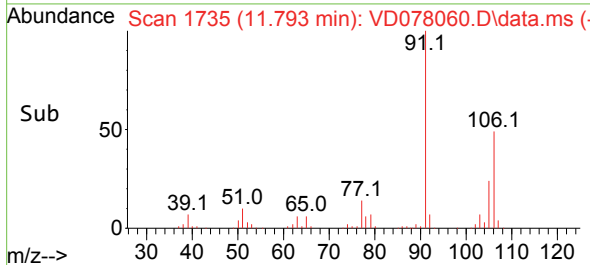
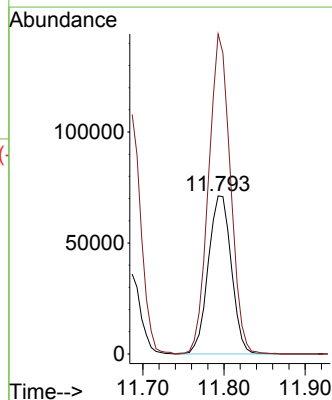
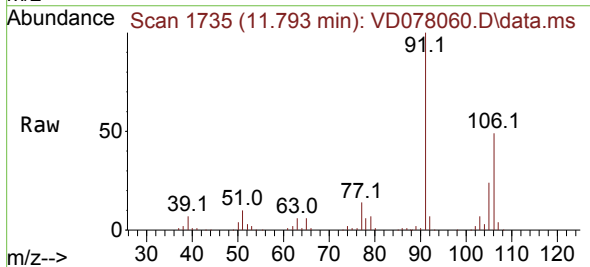
Instrument :
MSVOA_D
ClientSampleId :

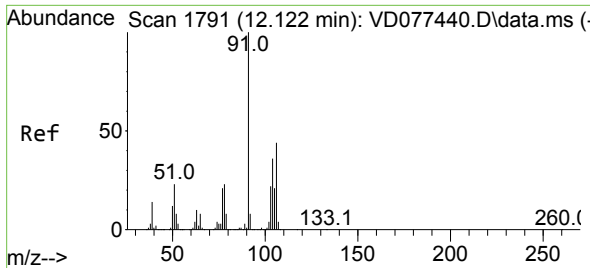
Tgt Ion: 91 Resp: 182240
Ion Ratio Lower Upper
91 100
106 33.4 26.5 39.7



#68
m/p-Xylenes
Concen: 40.266 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 106 Resp: 140867
Ion Ratio Lower Upper
106 100
91 191.3 147.0 220.6

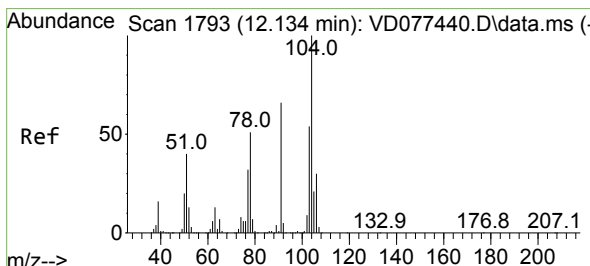
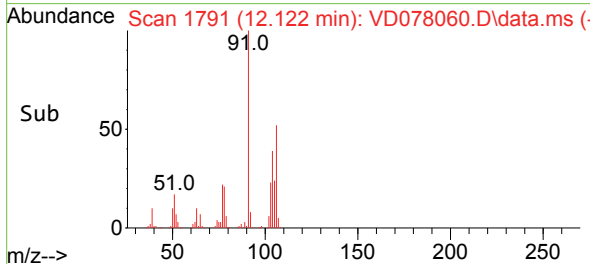
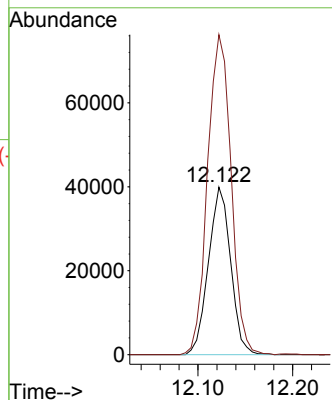
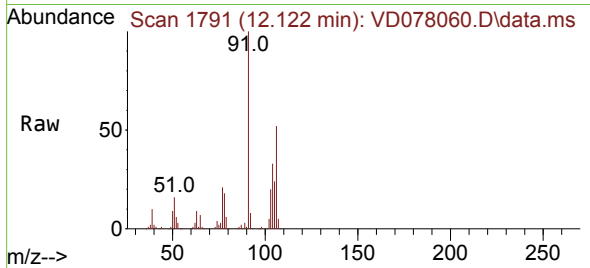




#69
o-Xylene
Concen: 20.208 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

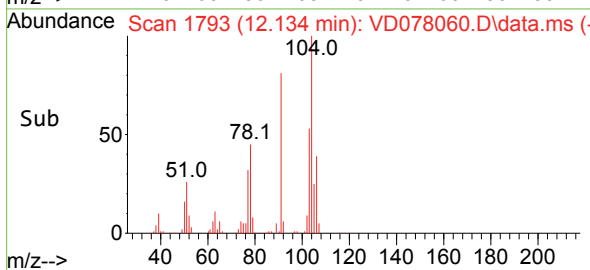
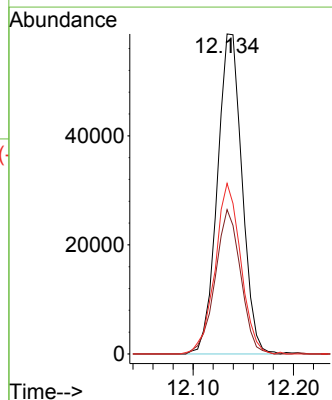
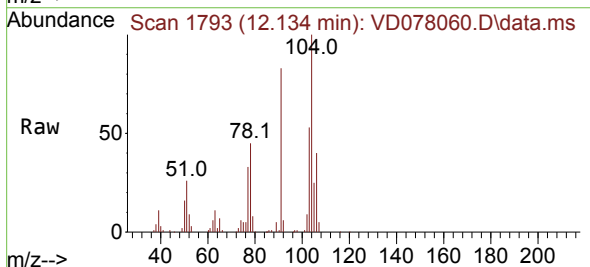
Instrument :
MSVOA_D
ClientSampleId :

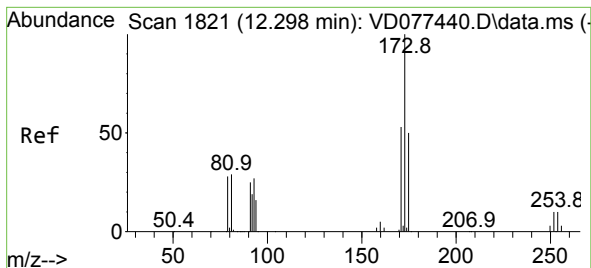
Tgt Ion:106 Resp: 65156
Ion Ratio Lower Upper
106 100
91 202.2 97.9 293.6



#70
Styrene
Concen: 20.944 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion:104 Resp: 100409
Ion Ratio Lower Upper
104 100
78 46.5 33.2 49.8
103 55.4 43.6 65.4





#71

Bromoform

Concen: 21.965 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078060.D

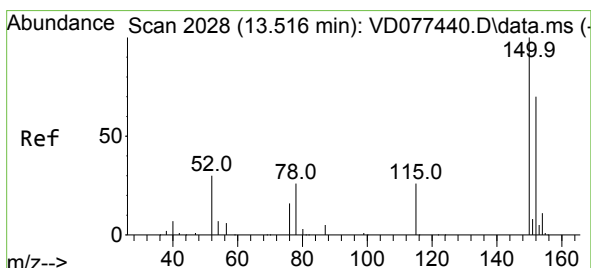
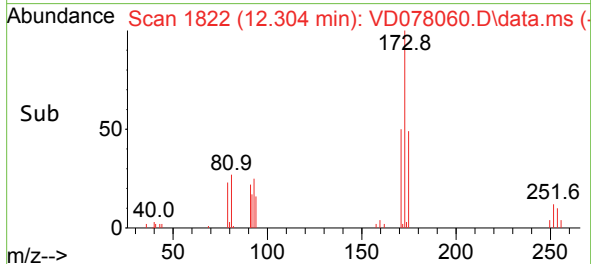
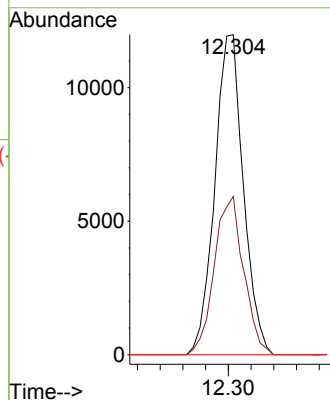
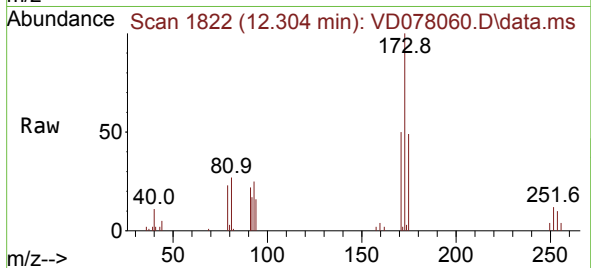
Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	20966
Ion Ratio	Lower	Upper
173	100	
175	50.6	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

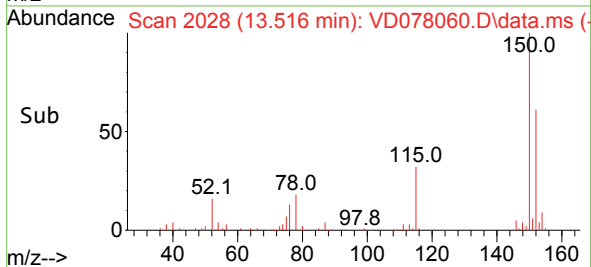
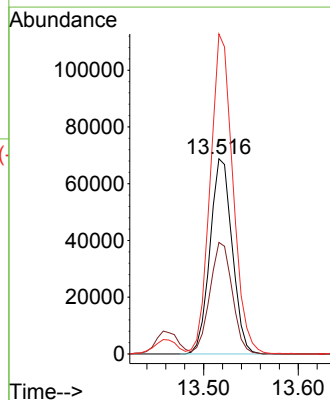
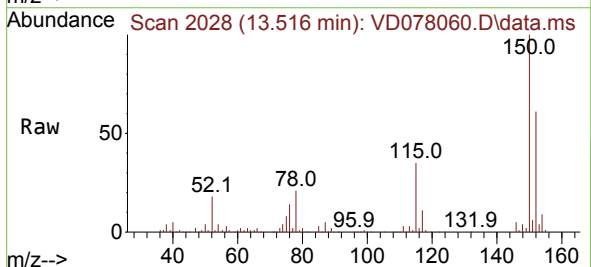
RT: 13.516 min Scan# 2028

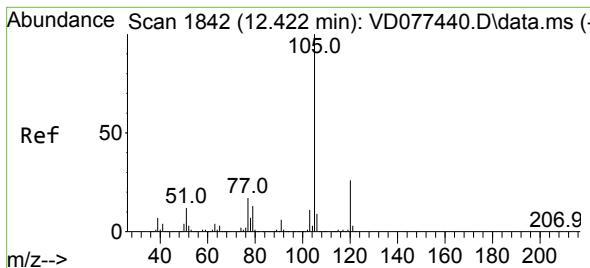
Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Tgt Ion:152	Resp:	112128
Ion Ratio	Lower	Upper
152	100	
115	57.6	27.1 81.3
150	167.8	0.0 353.6





#73

Isopropylbenzene

Concen: 20.631 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

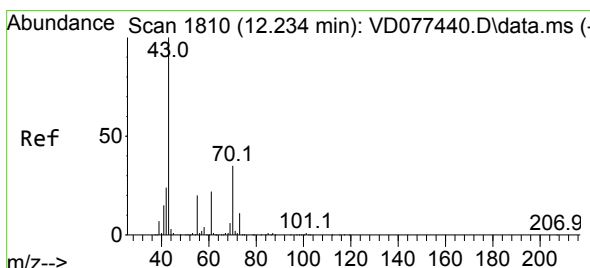
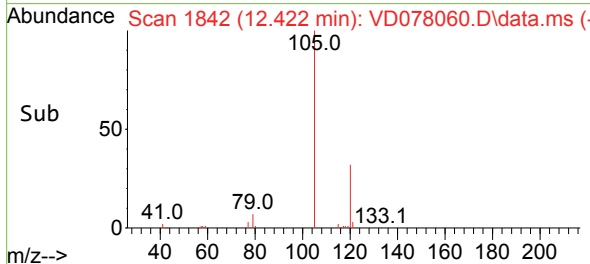
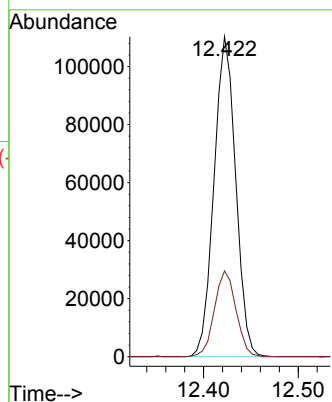
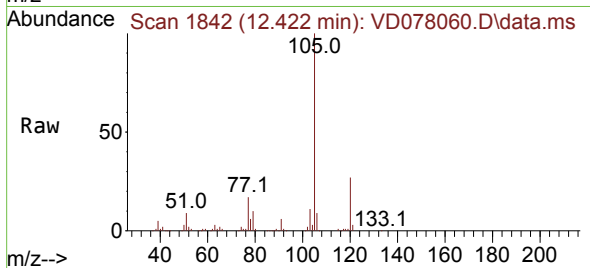
ClientSampleId :

Tgt Ion:105 Resp: 175326

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 19.069 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Tgt Ion: 43 Resp: 31856

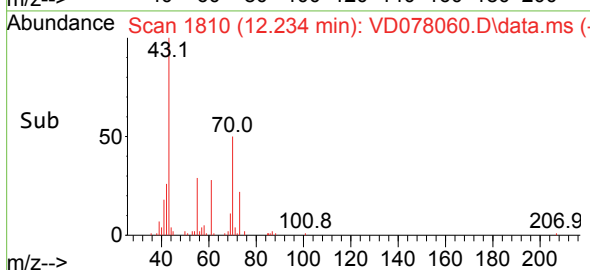
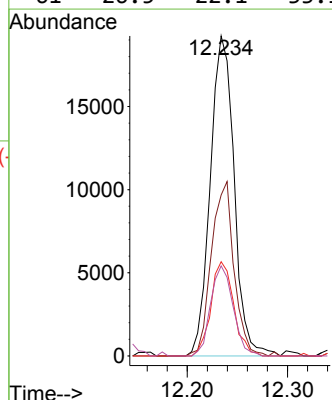
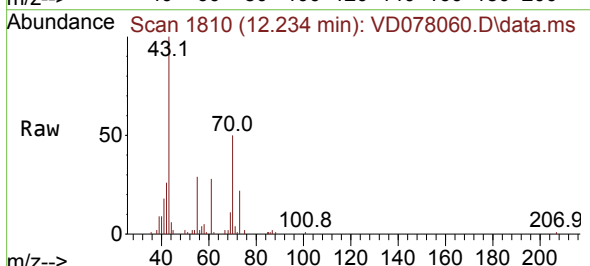
Ion Ratio Lower Upper

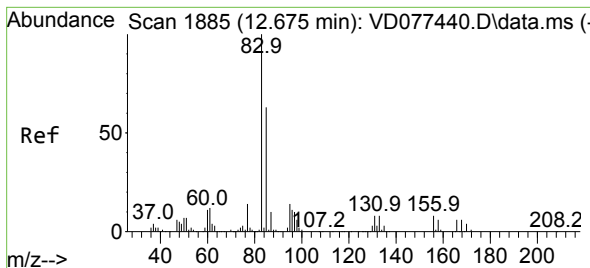
43 100

70 51.6 45.0 67.4

55 28.2 23.8 35.6

61 26.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.425 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

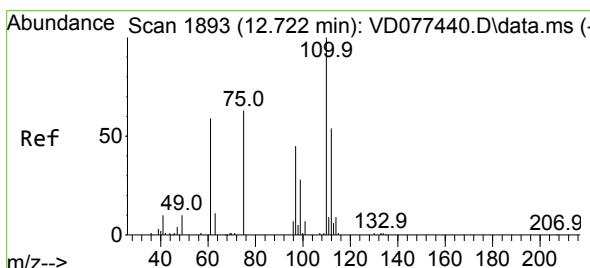
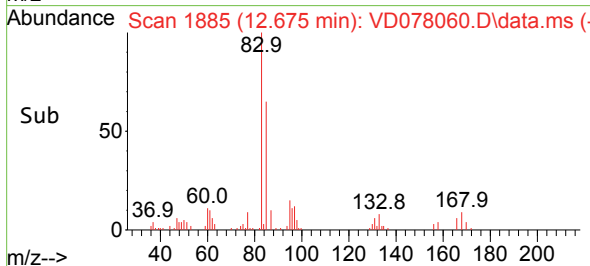
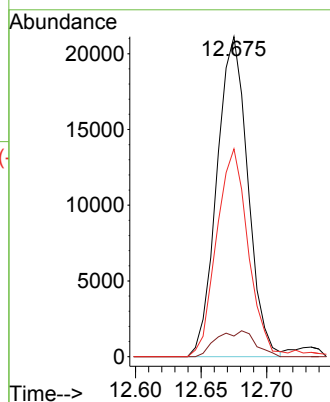
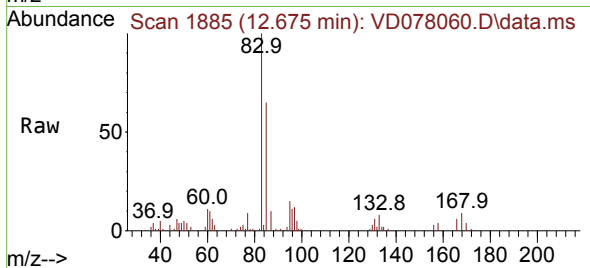
Tgt Ion: 83 Resp: 34711

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 66.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 41.847 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078060.D

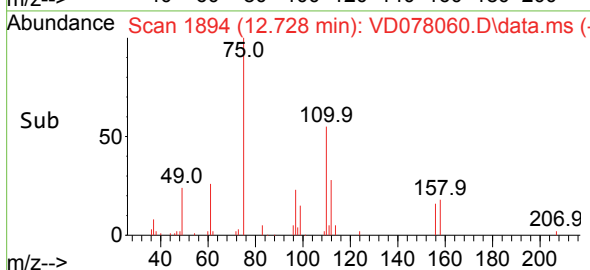
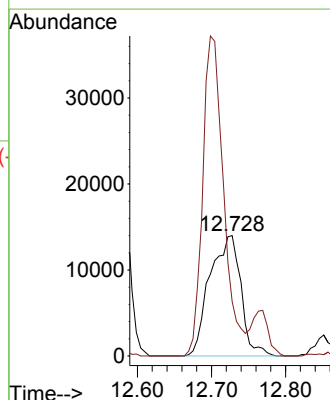
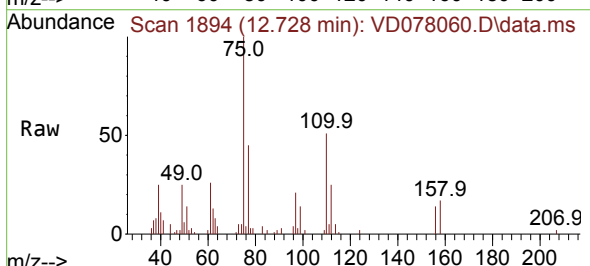
Acq: 22 Dec 2023 13:36

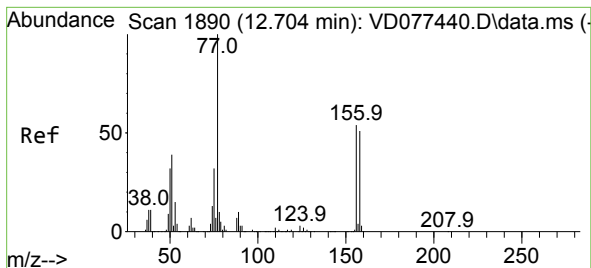
Tgt Ion: 75 Resp: 40752

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.420 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

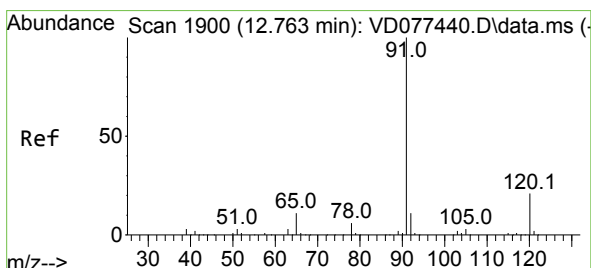
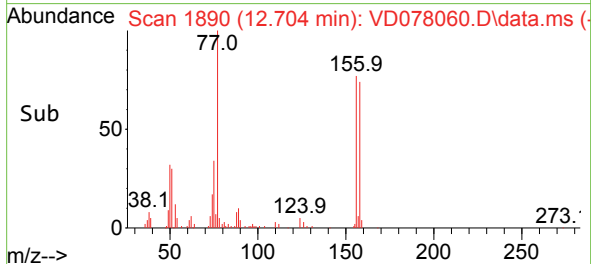
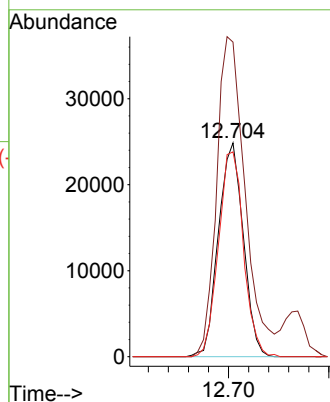
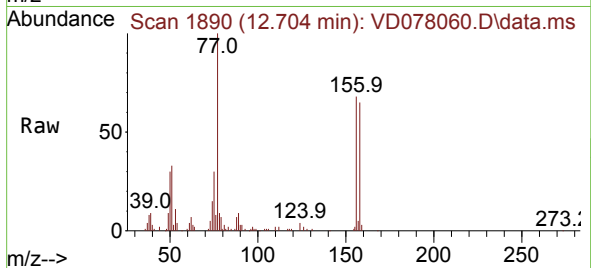
Tgt Ion:156 Resp: 42817

Ion Ratio Lower Upper

156 100

77 170.5 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 20.874 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078060.D

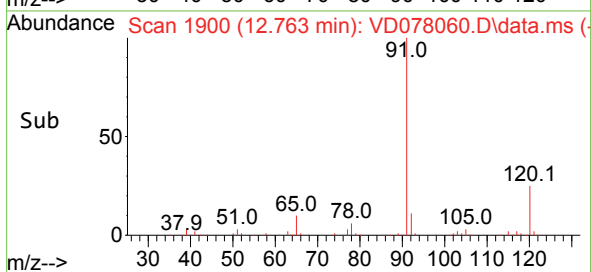
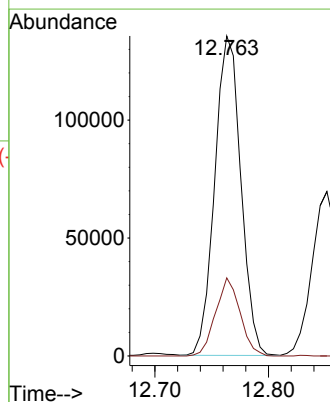
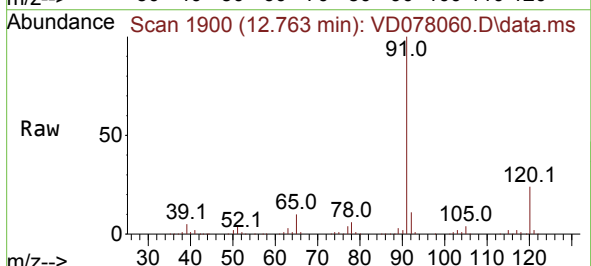
Acq: 22 Dec 2023 13:36

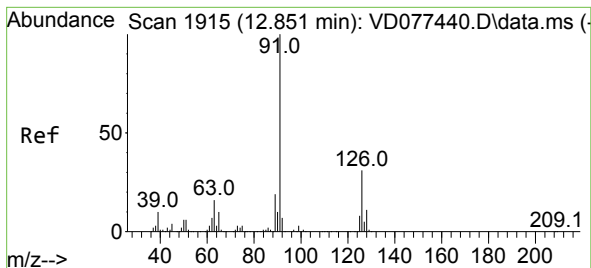
Tgt Ion: 91 Resp: 216161

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.753 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

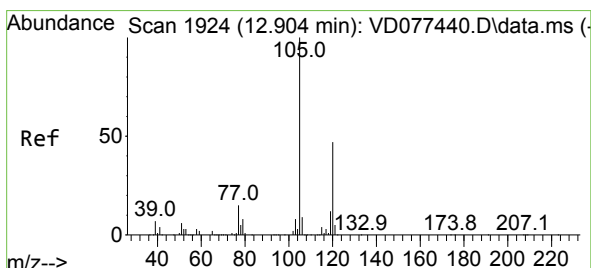
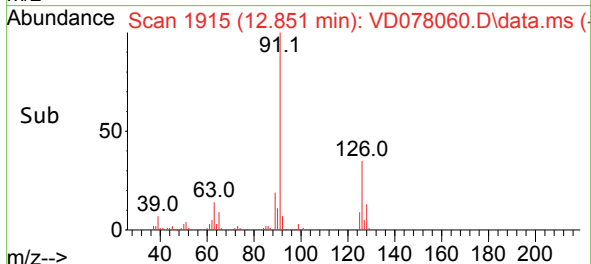
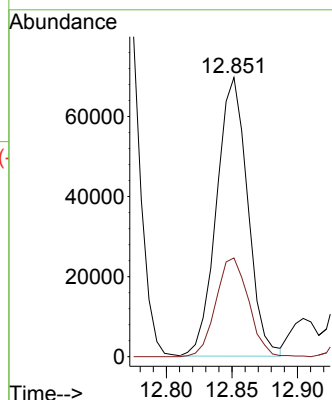
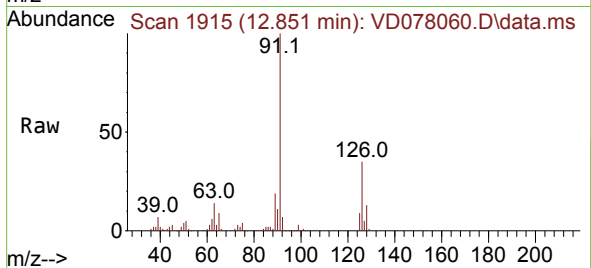
ClientSampleId :

Tgt Ion: 91 Resp: 115169

Ion Ratio Lower Upper

91 100

126 37.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.904 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078060.D

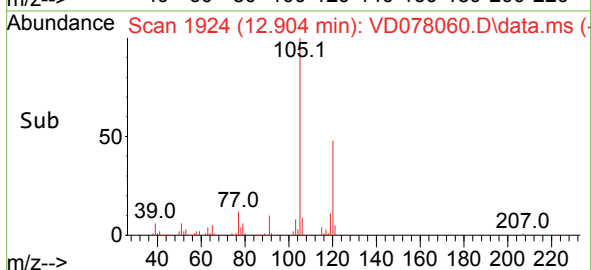
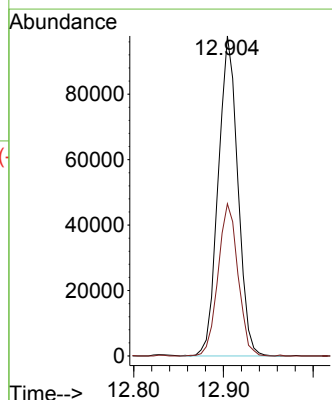
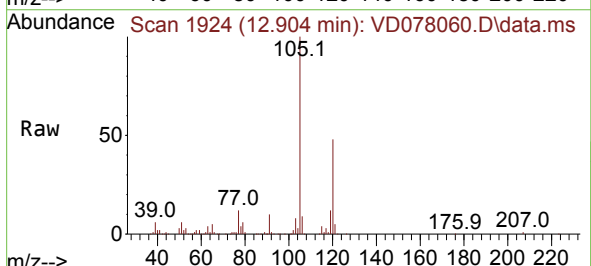
Acq: 22 Dec 2023 13:36

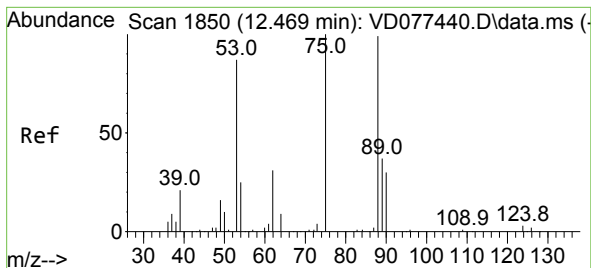
Tgt Ion:105 Resp: 148164

Ion Ratio Lower Upper

105 100

120 48.3 26.4 79.2

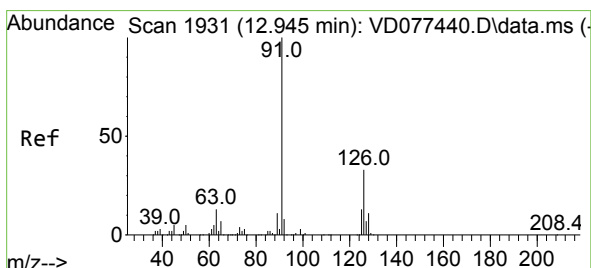
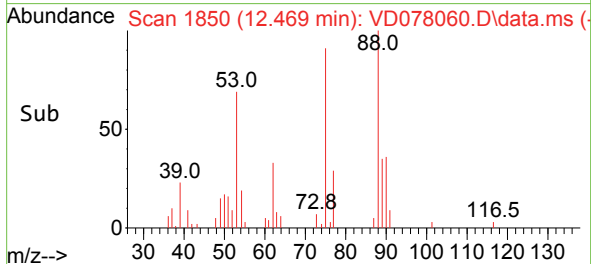
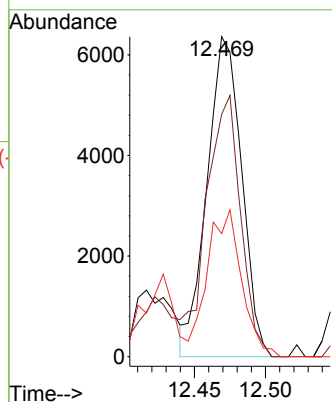
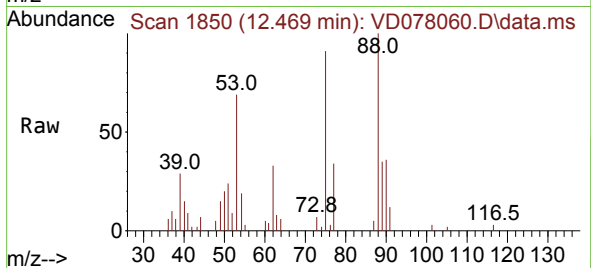




#81
trans-1,4-Dichloro-2-butene
Concen: 22.413 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

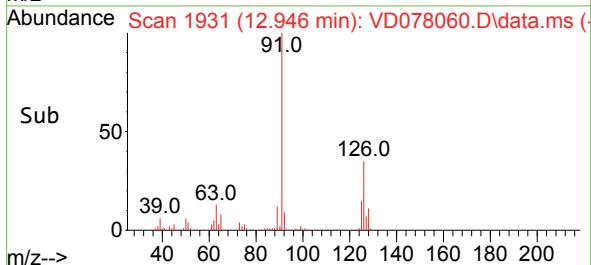
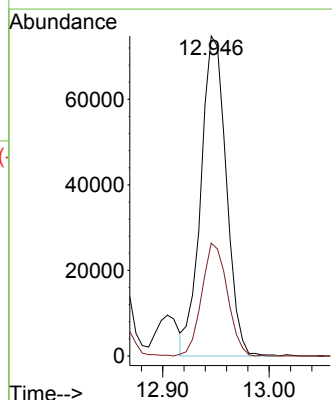
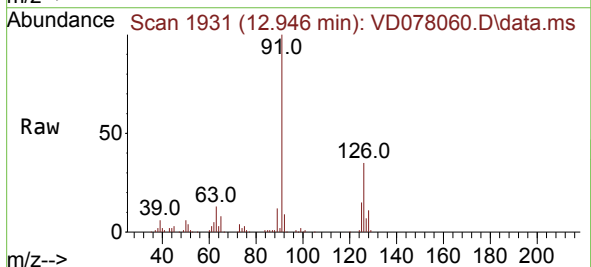
Instrument :
MSVOA_D
ClientSampleId :

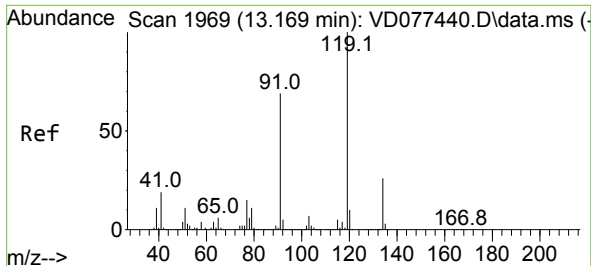
Tgt Ion: 75 Resp: 10773
Ion Ratio Lower Upper
75 100
53 80.8 63.0 94.4
89 45.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.388 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 91 Resp: 124086
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.4

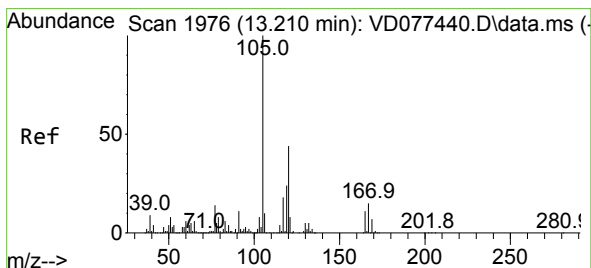
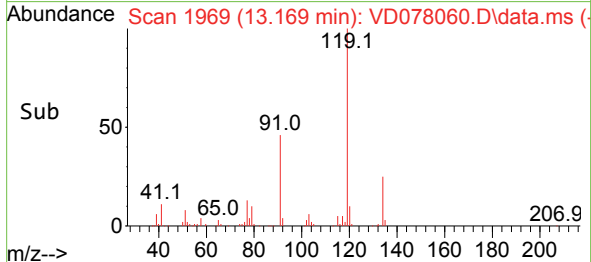
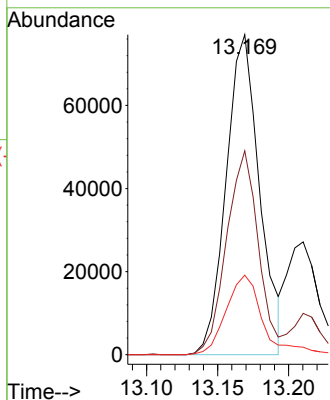
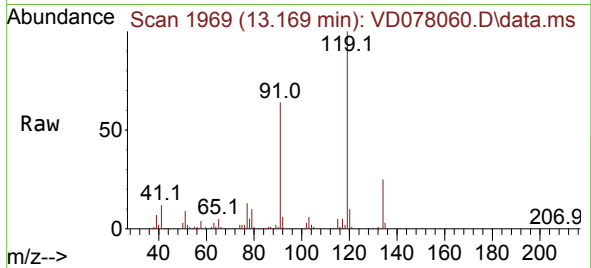




#83
 tert-Butylbenzene
 Concen: 21.061 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

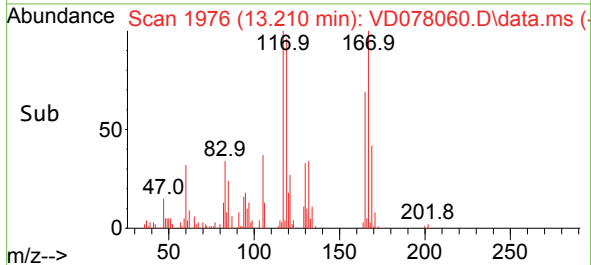
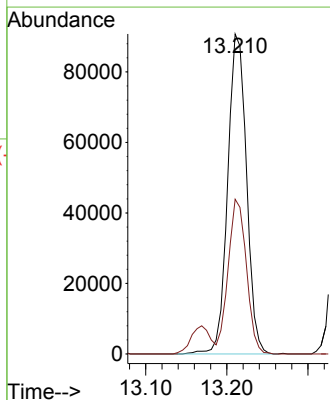
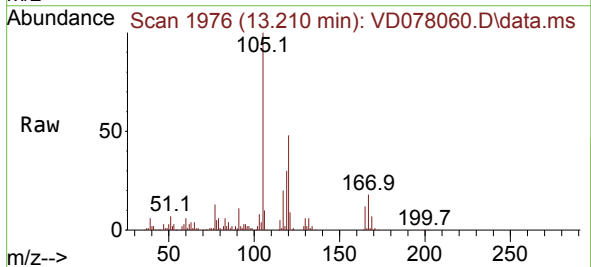
Instrument :
 MSVOA_D
 ClientSampleId :

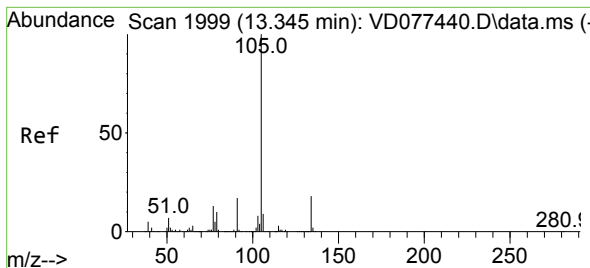
Tgt Ion:119 Resp: 126028
 Ion Ratio Lower Upper
 119 100
 91 60.6 29.3 87.8
 134 27.3 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.580 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078060.D
 Acq: 22 Dec 2023 13:36

Tgt Ion:105 Resp: 145897
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.544 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.001 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

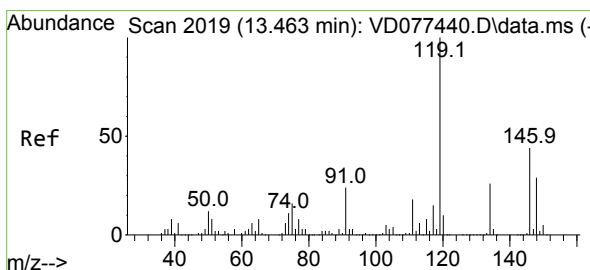
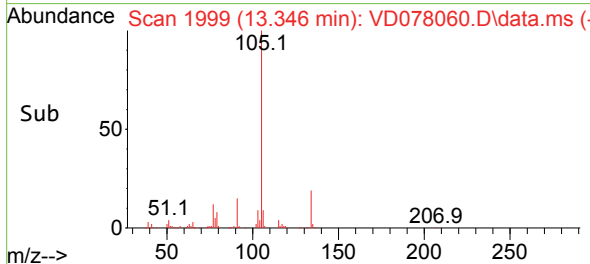
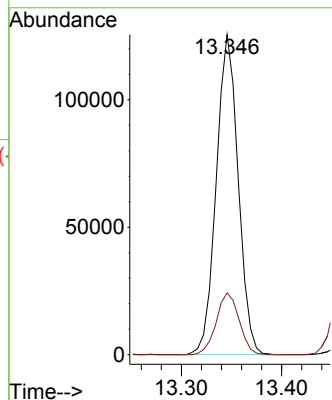
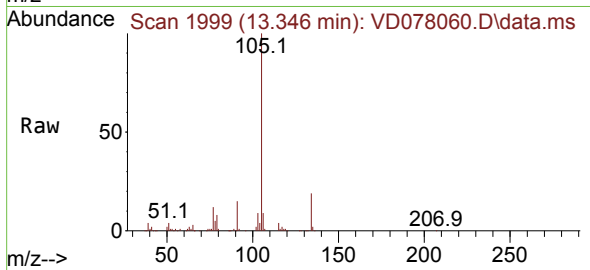
ClientSampleId :

Tgt Ion:105 Resp: 190554

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.012 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

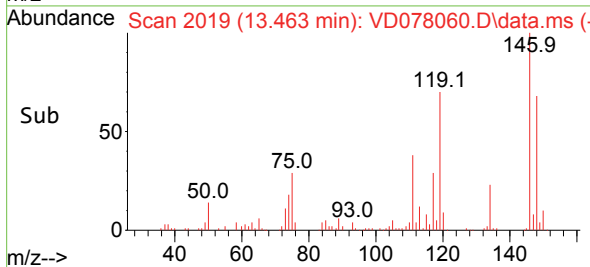
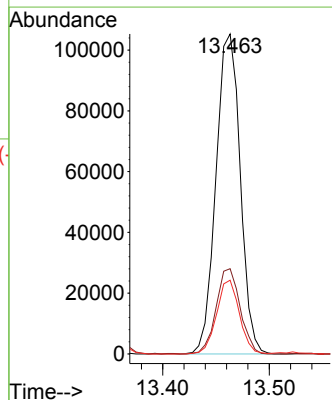
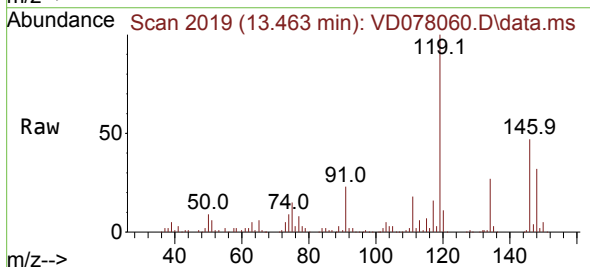
Tgt Ion:119 Resp: 166395

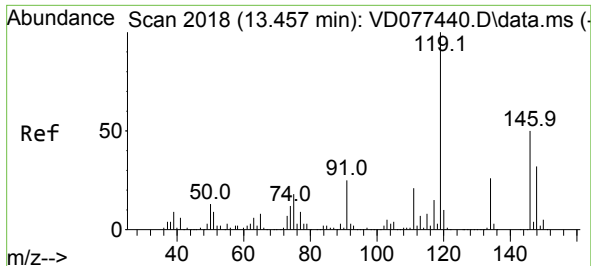
Ion Ratio Lower Upper

119 100

134 26.4 14.2 42.6

91 21.7 10.5 31.5

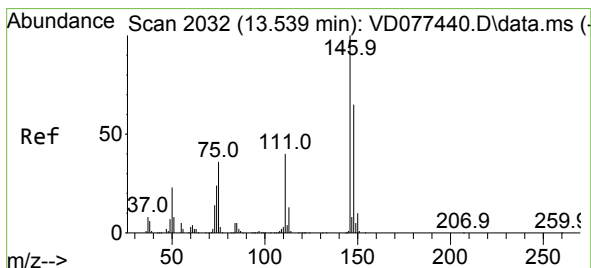
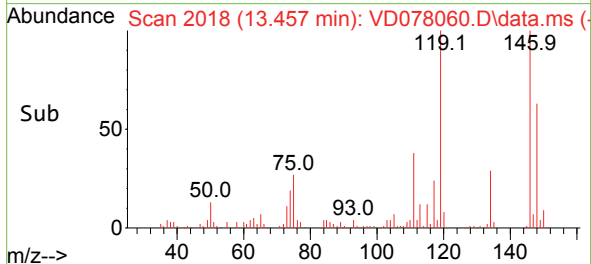
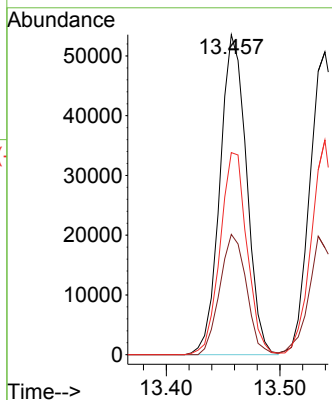
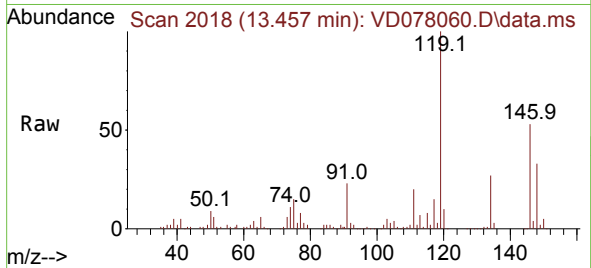




#87
1,3-Dichlorobenzene
Concen: 21.337 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

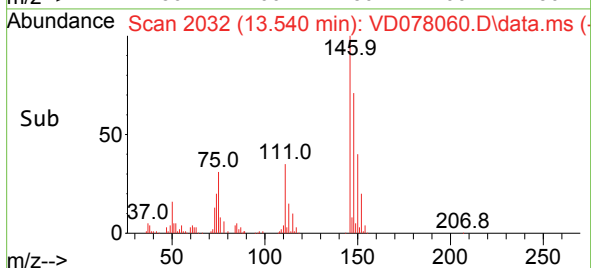
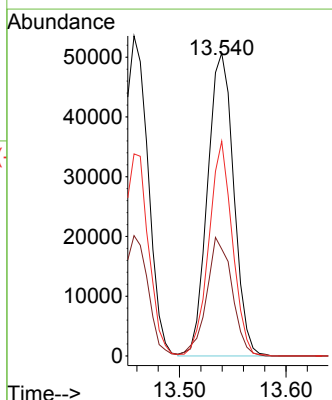
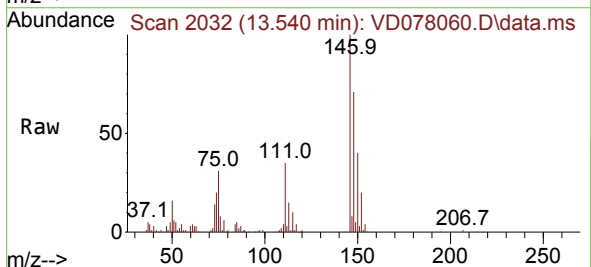
Instrument :
MSVOA_D
ClientSampleId :

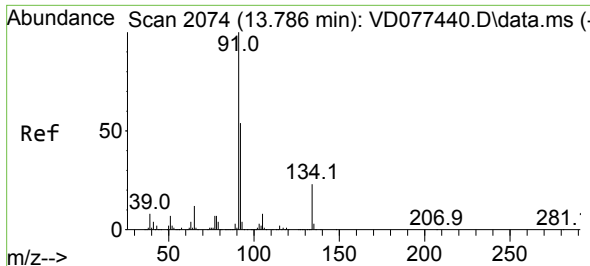
Tgt Ion:146 Resp: 87222
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

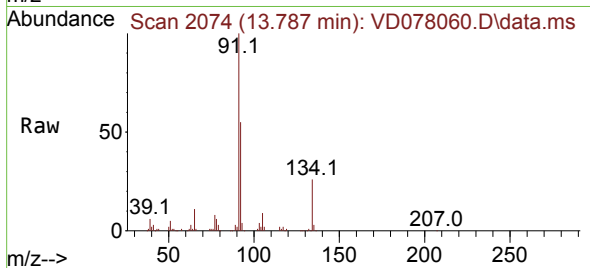
Tgt Ion:146 Resp: 86462
Ion Ratio Lower Upper
146 100
111 38.1 17.4 52.3
148 63.8 31.7 95.1



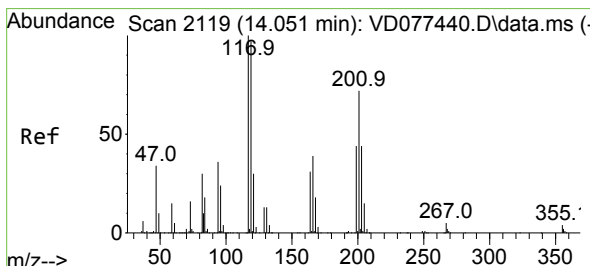
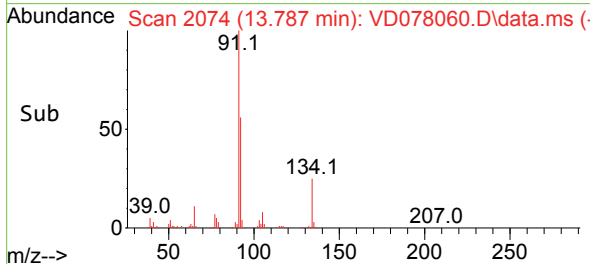
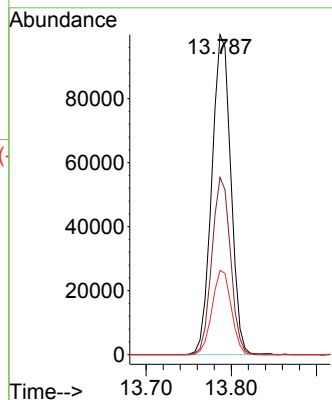


#89
n-Butylbenzene
Concen: 20.823 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

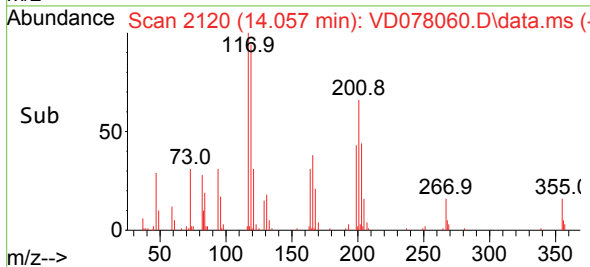
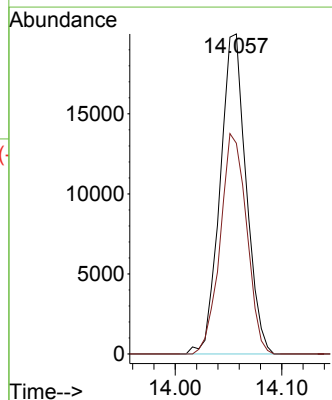
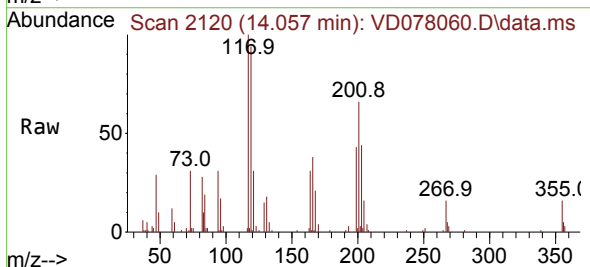


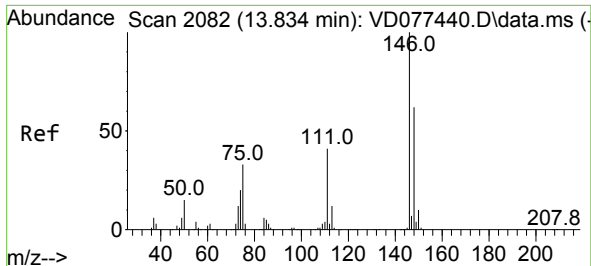
Tgt Ion: 91 Resp: 155165
Ion Ratio Lower Upper
91 100
92 54.1 26.5 79.5
134 26.6 13.8 41.3



#90
Hexachloroethane
Concen: 23.266 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion: 117 Resp: 33885
Ion Ratio Lower Upper
117 100
201 69.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.962 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078060.D

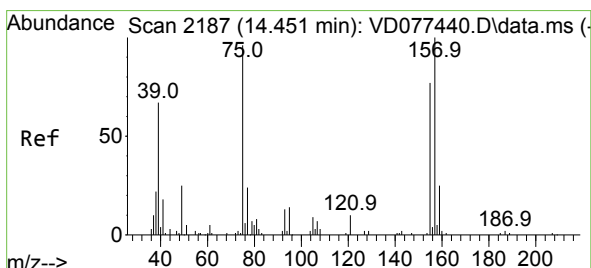
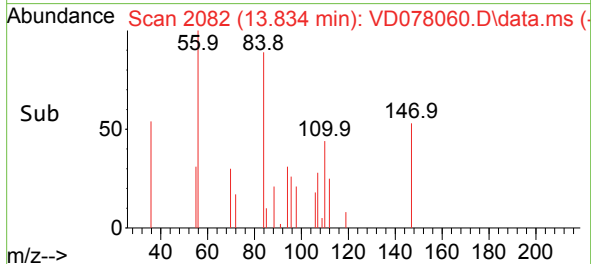
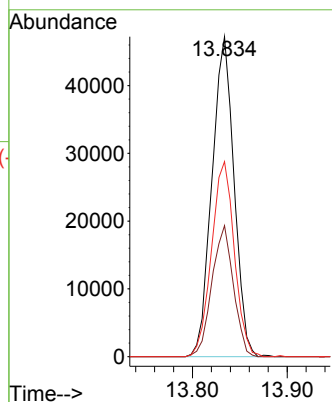
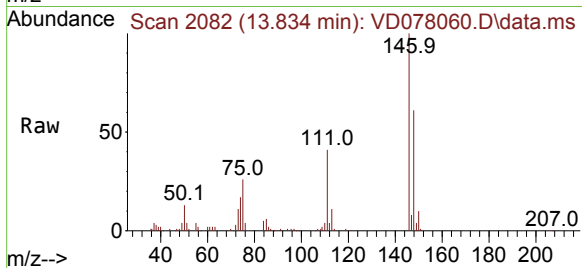
Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	76351
Ion Ratio	Lower	Upper	
146	100		
111	39.9	18.3	54.8
148	63.2	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.800 ug/l

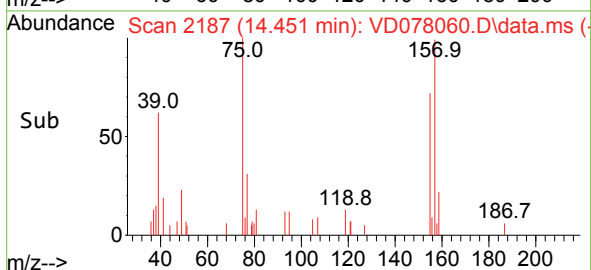
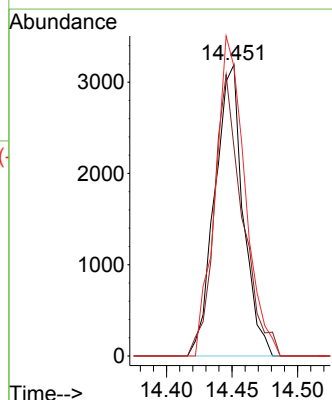
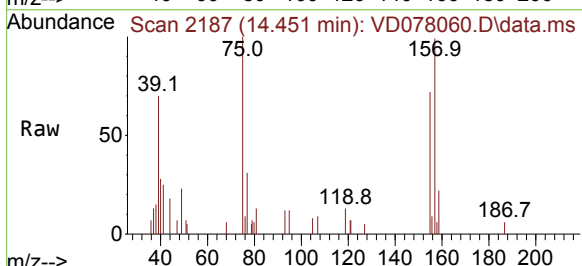
RT: 14.451 min Scan# 2187

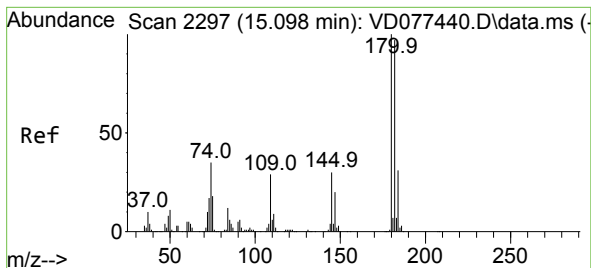
Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Tgt Ion:	75	Resp:	4798
Ion Ratio	Lower	Upper	
75	100		
155	96.2	47.9	143.8
157	114.9	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.025 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

Instrument :

MSVOA_D

ClientSampleId :

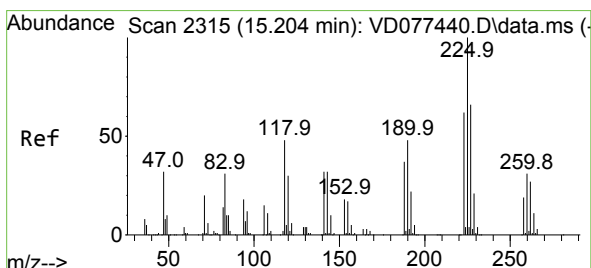
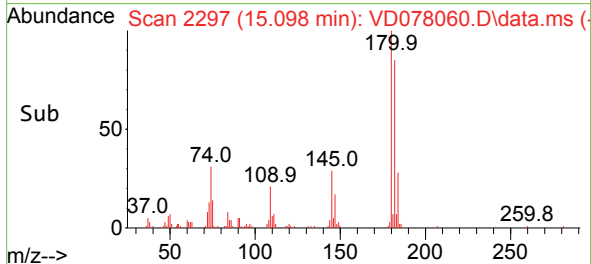
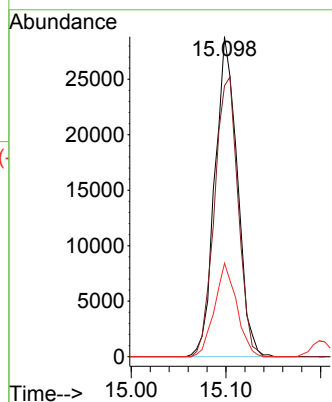
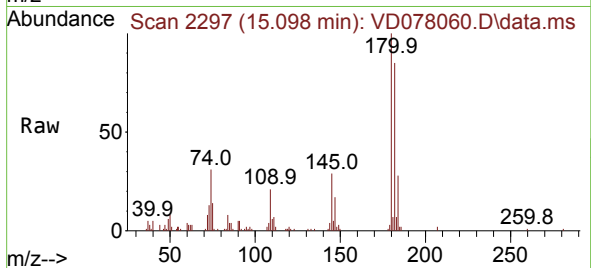
Tgt Ion:180 Resp: 47554

Ion Ratio Lower Upper

180 100

182 91.5 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.922 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078060.D

Acq: 22 Dec 2023 13:36

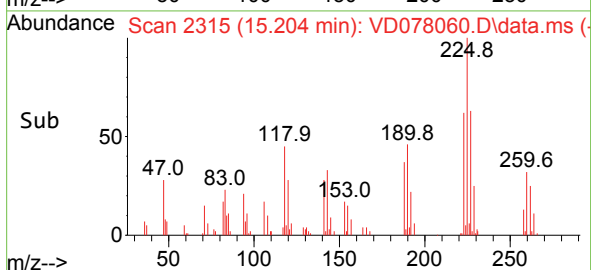
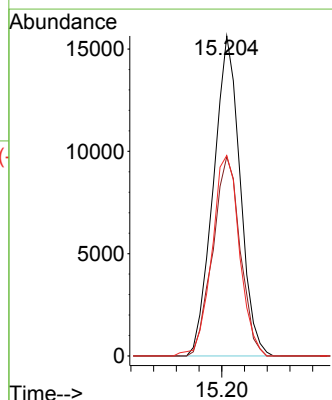
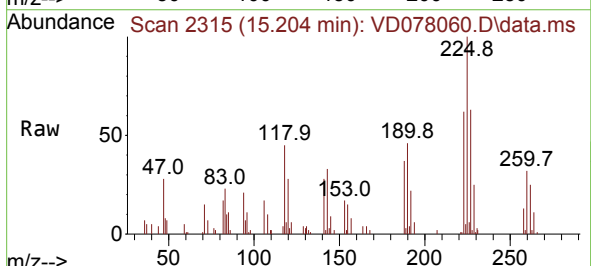
Tgt Ion:225 Resp: 25511

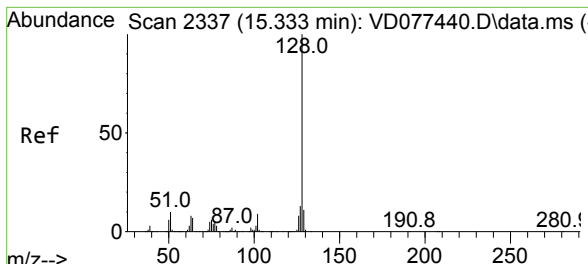
Ion Ratio Lower Upper

225 100

223 63.8 31.6 94.8

227 64.5 31.7 95.1

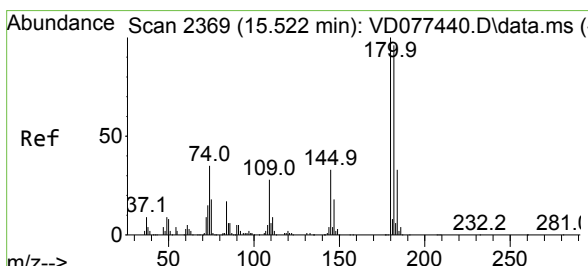
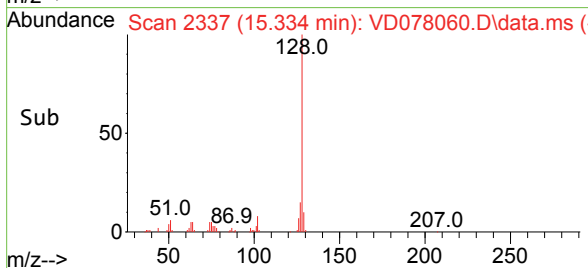
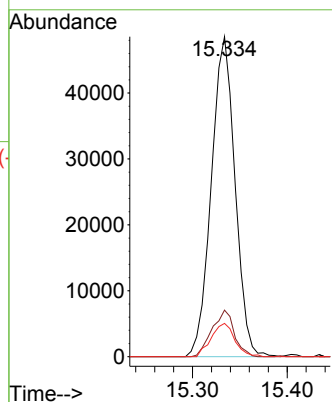
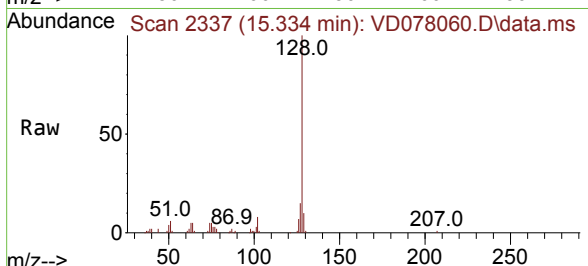




#95
Naphthalene
Concen: 21.412 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	84481
Ion Ratio	Lower	Upper	
128	100		
127	14.6	10.5	15.7
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.441 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078060.D
Acq: 22 Dec 2023 13:36

Tgt Ion:	180	Resp:	41975
Ion Ratio	Lower	Upper	
180	100		
182	90.2	47.3	141.9
145	28.5	15.1	45.3

