

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078042.D
 Acq On : 22 Dec 2023 00:43
 Operator : RP/MD
 Sample : VD1221SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:45:56 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	99477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	154110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	80566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67582	57.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.804	113	72251	58.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.960%
50) Toluene-d8	10.269	98	275097	56.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.140%
62) 4-Bromofluorobenzene	12.575	95	81831	55.789	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	26034	20.951	ug/l	99
3) Chloromethane	2.152	50	38416	22.680	ug/l	94
4) Vinyl Chloride	2.287	62	54118	23.535	ug/l	99
5) Bromomethane	2.693	94	43792	33.940	ug/l	96
6) Chloroethane	2.840	64	39845	25.417	ug/l	95
7) Trichlorofluoromethane	3.181	101	46189	21.810	ug/l	90
8) Diethyl Ether	3.593	74	12816	21.552	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.975	101	28914	23.866	ug/l	95
10) Methyl Iodide	4.169	142	28842	30.242	ug/l #	91
11) Tert butyl alcohol	5.040	59	2602	36.468	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	27472	22.975	ug/l	95
13) Acrolein	3.805	56	9374	75.599	ug/l	99
14) Allyl chloride	4.563	41	33976	20.660	ug/l	89
15) Acrylonitrile	5.258	53	30409	119.433	ug/l	95
16) Acetone	4.028	43	33766	116.428	ug/l	88
17) Carbon Disulfide	4.275	76	70188	17.350	ug/l	99
18) Methyl Acetate	4.569	43	28011	30.342	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	59225	23.345	ug/l	98
20) Methylene Chloride	4.805	84	42096	28.213	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	32757	24.186	ug/l	93
22) Diisopropyl ether	6.222	45	76644	22.302	ug/l	97
23) Vinyl Acetate	6.157	43	123930	73.844	ug/l	93
24) 1,1-Dichloroethane	6.116	63	56840	24.423	ug/l	99
25) 2-Butanone	7.087	43	39793	115.413	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	45120	23.091	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	37431	25.684	ug/l	92
28) Bromochloromethane	7.434	49	18259	19.416	ug/l	87
29) Tetrahydrofuran	7.446	42	19529	104.623	ug/l	92
30) Chloroform	7.599	83	60684	26.053	ug/l	99
31) Cyclohexane	7.881	56	39461	18.927	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	49863	24.284	ug/l	99
36) 1,1-Dichloropropene	8.010	75	42162	21.518	ug/l	95
37) Ethyl Acetate	7.175	43	13751	17.999	ug/l #	74
38) Carbon Tetrachloride	7.999	117	44633	22.849	ug/l	93
39) Methylcyclohexane	9.275	83	43852	18.879	ug/l	93
40) Benzene	8.252	78	128568	23.119	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	9600	24.722	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	35325	24.505	ug/l	94
43) Isopropyl Acetate	8.369	43	26837	19.760	ug/l	97
44) Trichloroethene	9.034	130	33396	23.044	ug/l	90
45) 1,2-Dichloropropane	9.310	63	32539	24.069	ug/l	96
46) Dibromomethane	9.399	93	17560	24.549	ug/l	90
47) Bromodichloromethane	9.587	83	46080	25.416	ug/l	94
48) Methyl methacrylate	9.381	41	14924	19.331	ug/l #	84
49) 1,4-Dioxane	9.387	88	2799	394.072	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	71957	103.815	ug/l	93
52) Toluene	10.334	92	81701	23.684	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	39861	22.895	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	48518	23.049	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	24336	24.873	ug/l	97
56) Ethyl methacrylate	10.598	69	18495	21.443	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	39900	23.658	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	43475	88.387	ug/l	92
59) 2-Hexanone	10.922	43	55148	95.901	ug/l	93
60) Dibromochloromethane	11.075	129	30053	25.512	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23328	25.328	ug/l	96
64) Tetrachloroethene	10.810	164	28768	25.398	ug/l	93
65) Chlorobenzene	11.610	112	89049	23.529	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	32163	25.097	ug/l	97
67) Ethyl Benzene	11.687	91	152839	23.821	ug/l	95
68) m/p-Xylenes	11.798	106	119502	48.693	ug/l	92
69) o-Xylene	12.122	106	54298	24.006	ug/l	93
70) Styrene	12.140	104	80919	24.060	ug/l	93
71) Bromoform	12.298	173	16020	23.925	ug/l #	99
73) Isopropylbenzene	12.422	105	145091	23.761	ug/l	96
74) N-amyl acetate	12.234	43	21151	17.621	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	27352	25.690	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	32258	46.101	ug/l #	100
77) Bromobenzene	12.704	156	35407	24.652	ug/l	94
78) n-propylbenzene	12.763	91	179042	24.063	ug/l	96
79) 2-Chlorotoluene	12.851	91	97142	24.362	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	119650	23.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7882	22.823	ug/l	91
82) 4-Chlorotoluene	12.945	91	103603	24.853	ug/l	95
83) tert-Butylbenzene	13.169	119	105274	24.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	122694	24.087	ug/l	98
85) sec-Butylbenzene	13.345	105	152640	24.018	ug/l	96
86) p-Isopropyltoluene	13.463	119	133249	23.418	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	72588	24.714	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	70535	23.200	ug/l	98
89) n-Butylbenzene	13.787	91	125888	23.512	ug/l	97
90) Hexachloroethane	14.051	117	27021	25.822	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	62077	24.851	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3489	22.075	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	35781	20.971	ug/l	98
94) Hexachlorobutadiene	15.204	225	19371	21.054	ug/l	95
95) Naphthalene	15.333	128	63666	22.458	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	29556	21.012	ug/l	97

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

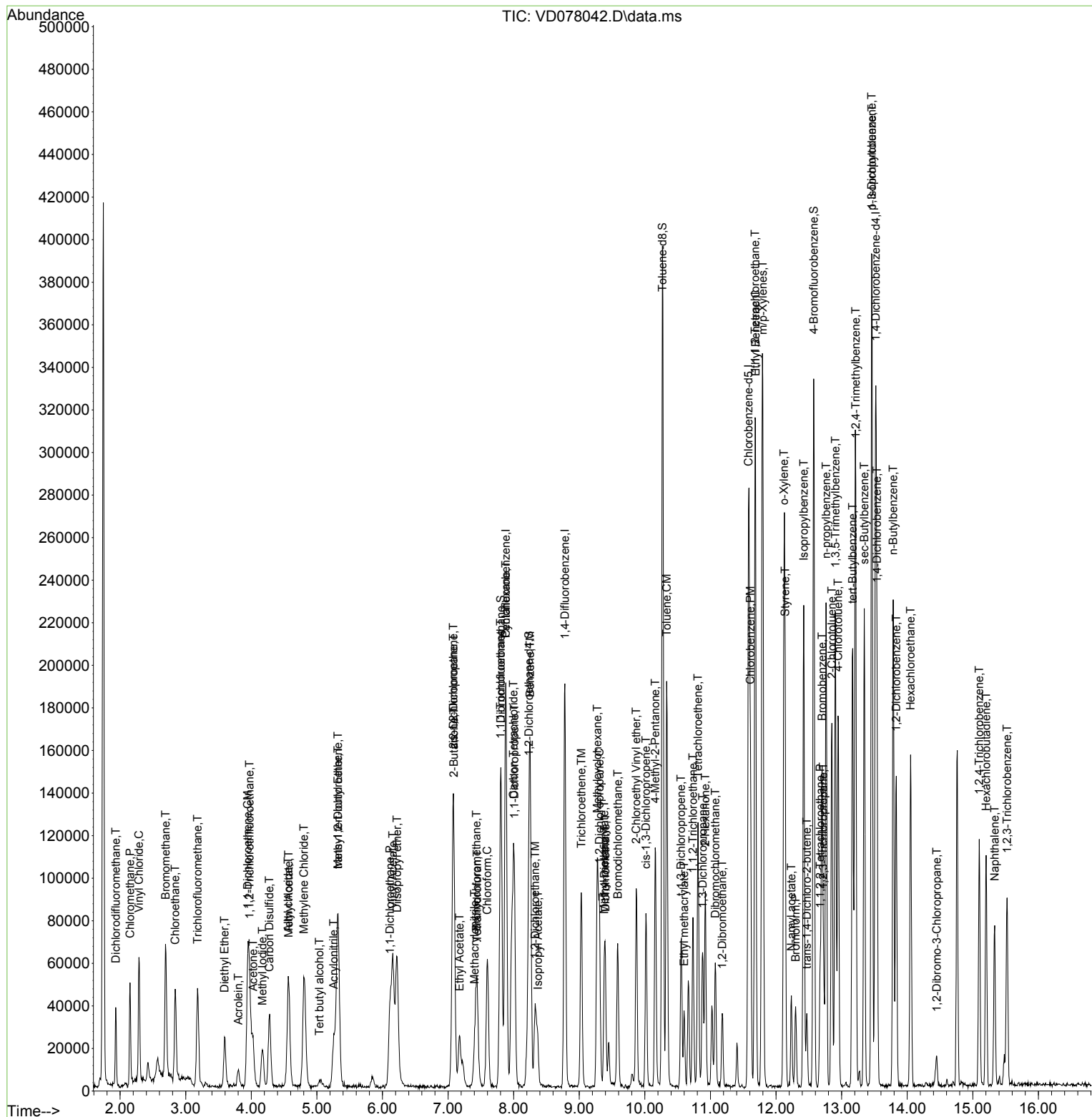
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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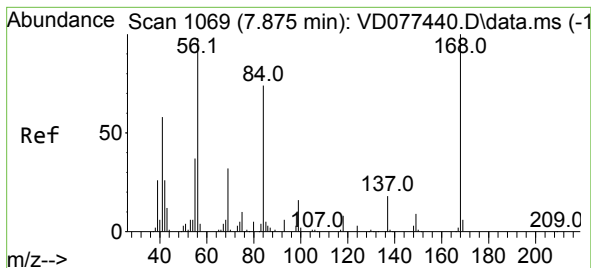
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

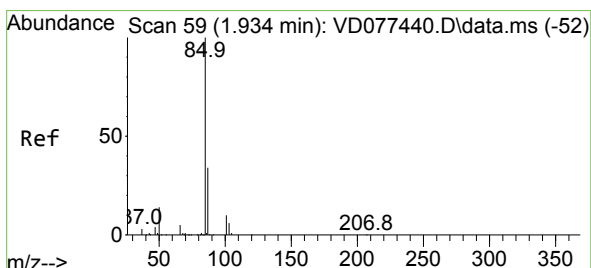
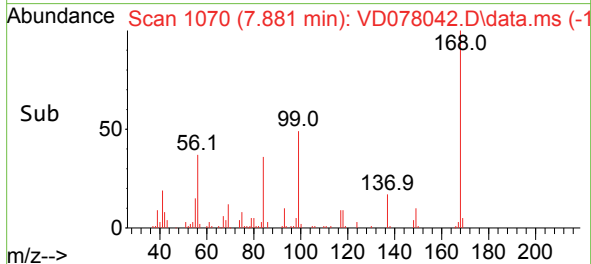
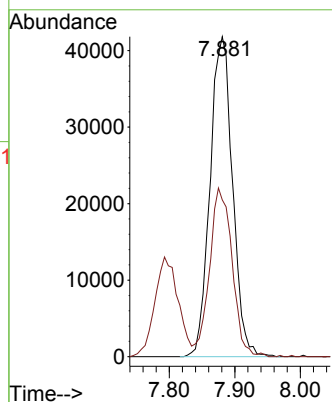
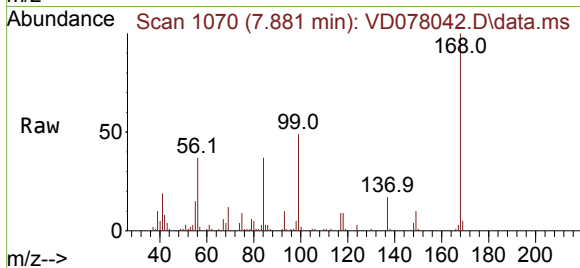
ClientSampleId :

Tgt Ion:168 Resp: 99477

Ion Ratio Lower Upper

168 100

99 48.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.951 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078042.D

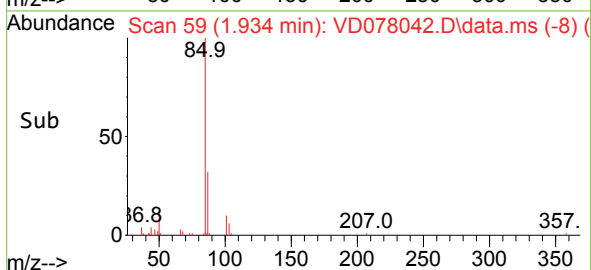
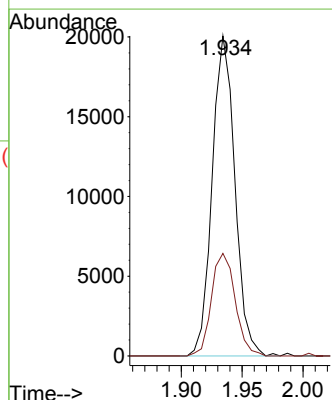
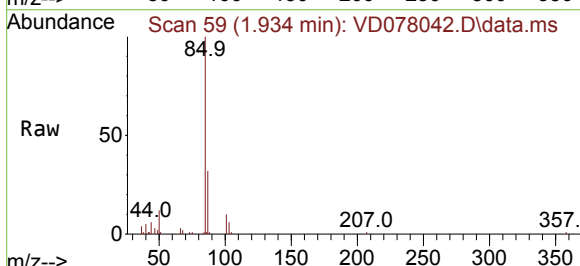
Acq: 22 Dec 2023 00:43

Tgt Ion: 85 Resp: 26034

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

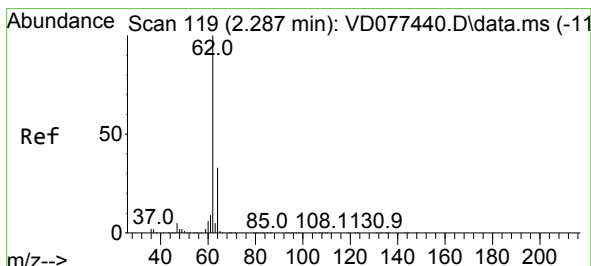
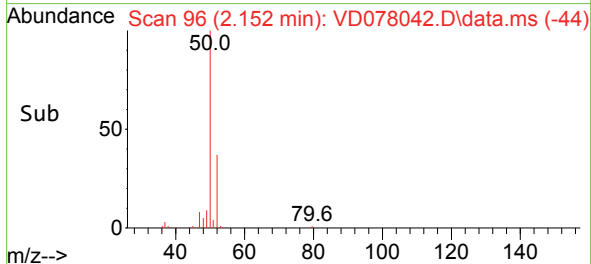
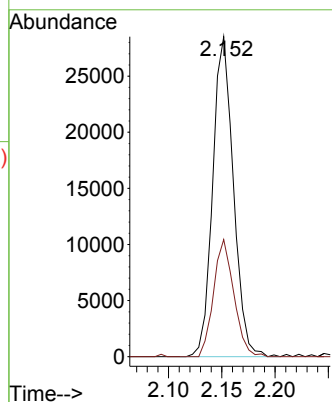
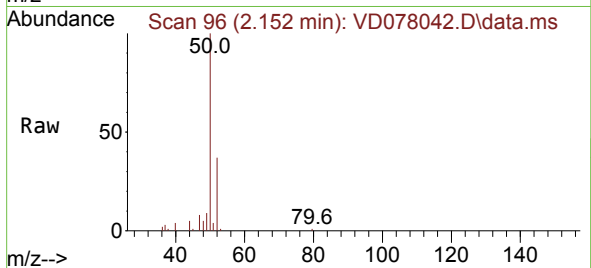




#3
Chloromethane
Concen: 22.680 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

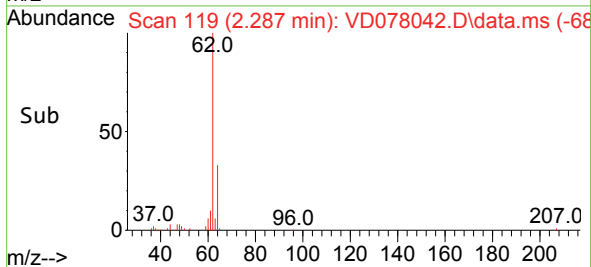
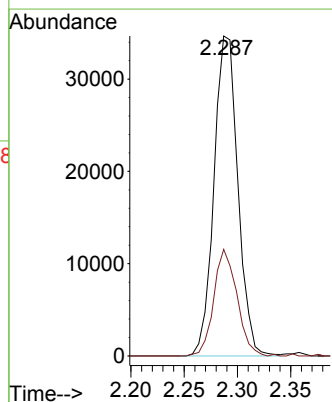
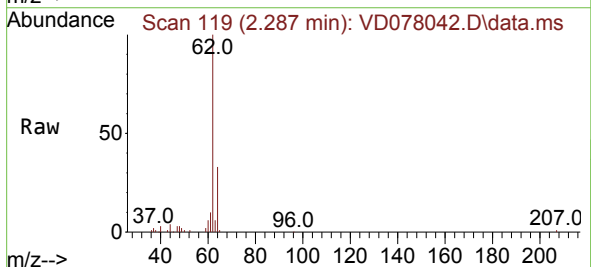
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 38416
Ion Ratio Lower Upper
50 100
52 36.6 26.6 40.0



#4
Vinyl Chloride
Concen: 23.535 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 62 Resp: 54118
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0

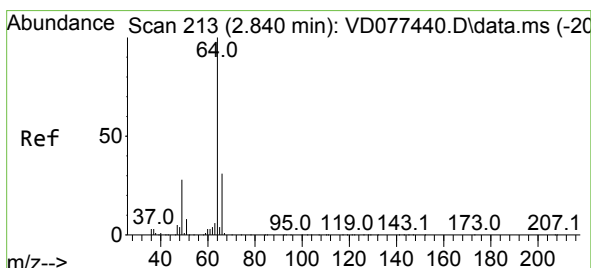
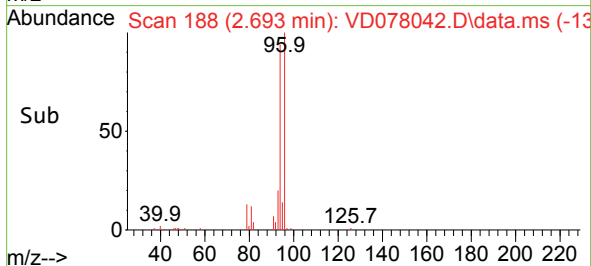
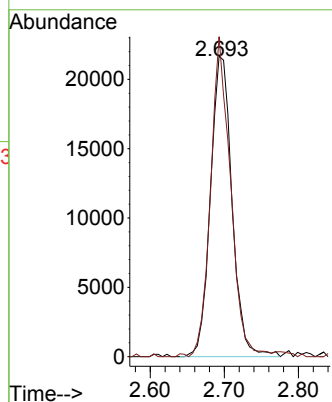
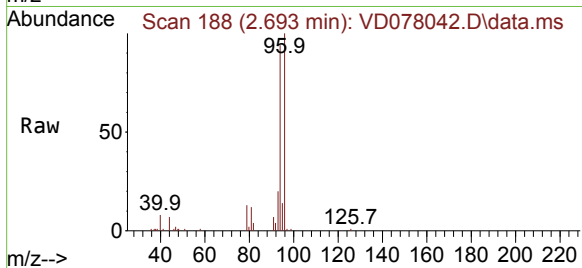




#5
Bromomethane
Concen: 33.940 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

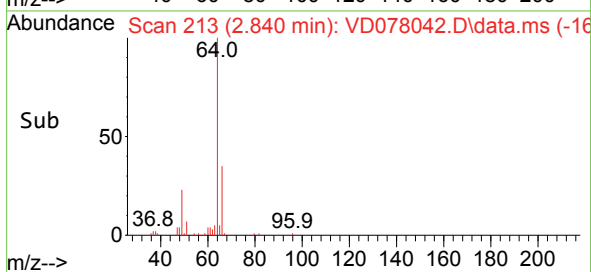
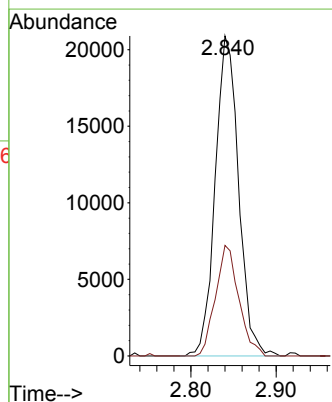
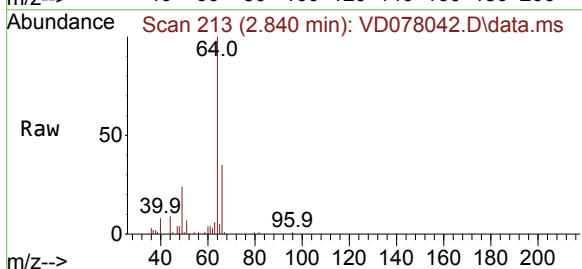
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ClientSampleId :

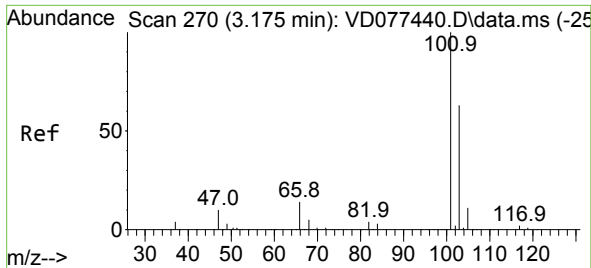
Tgt Ion: 94 Resp: 43792
Ion Ratio Lower Upper
94 100
96 98.6 75.8 113.8



#6
Chloroethane
Concen: 25.417 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 64 Resp: 39845
Ion Ratio Lower Upper
64 100
66 34.6 25.5 38.3

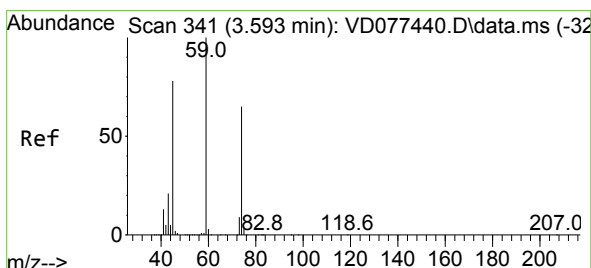
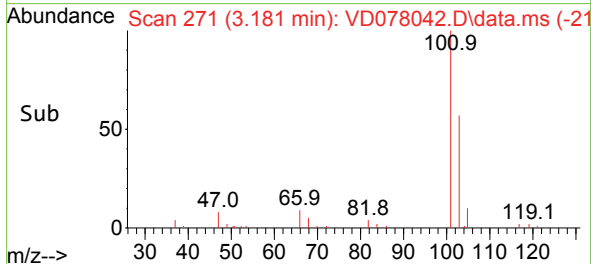
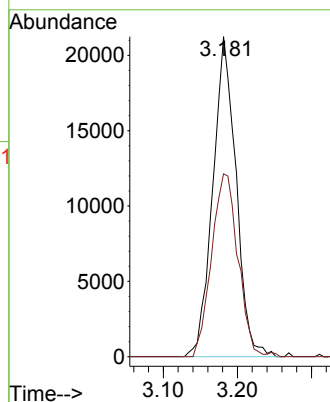
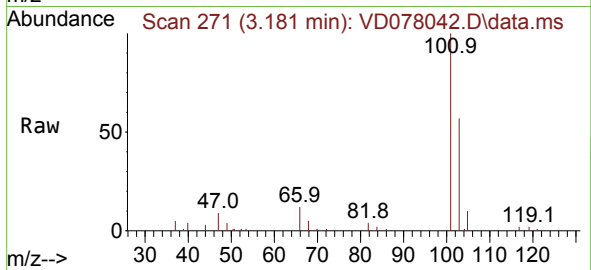




#7
 Trichlorofluoromethane
 Concen: 21.810 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

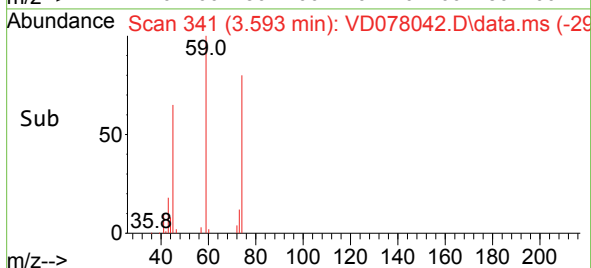
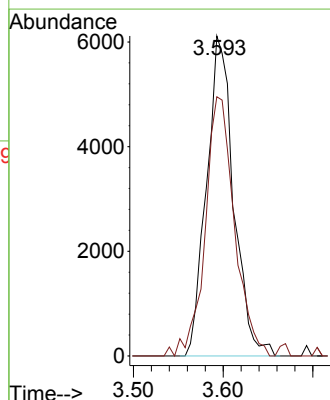
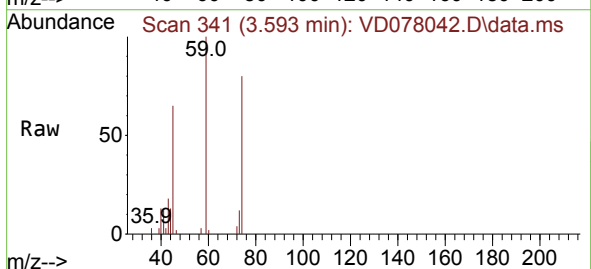
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 46189
 Ion Ratio Lower Upper
 101 100
 103 57.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.552 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Tgt Ion: 74 Resp: 12816
 Ion Ratio Lower Upper
 74 100
 45 87.5 37.5 112.7

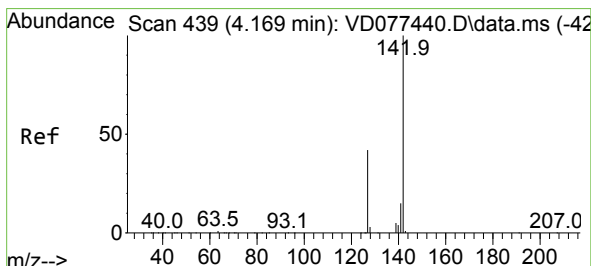
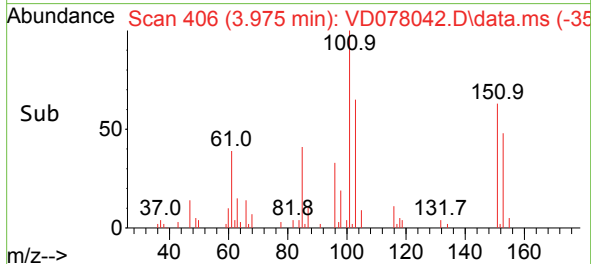
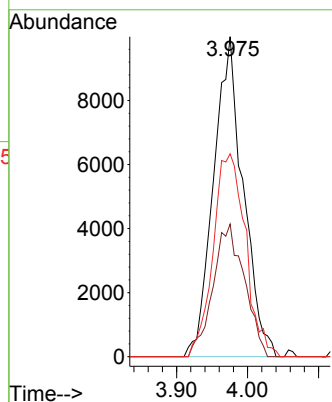
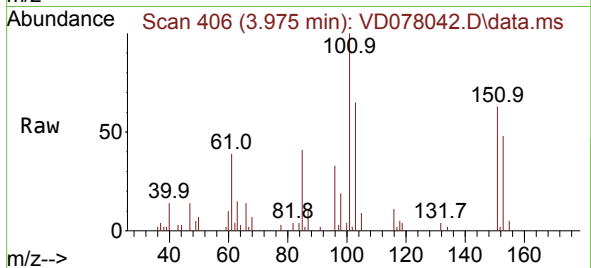




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.866 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

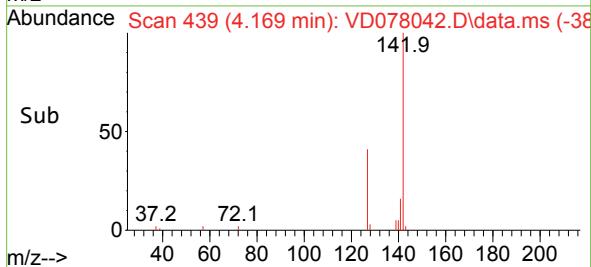
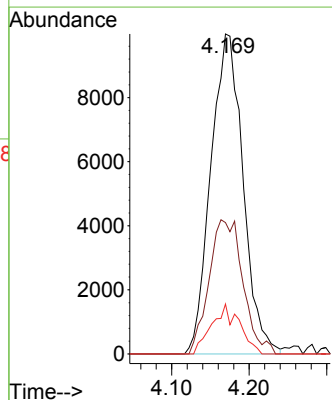
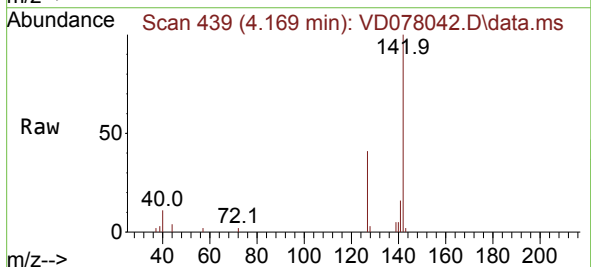
Instrument :
MSVOA_D
ClientSampleId :

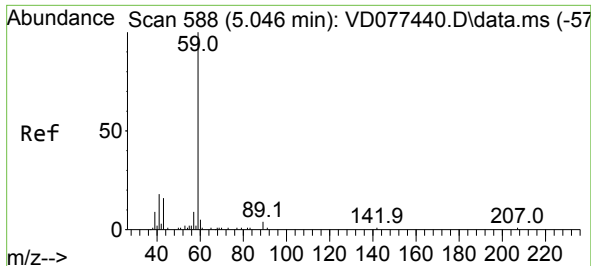
Tgt Ion:101 Resp: 28914
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 69.4 59.8 89.6



#10
Methyl Iodide
Concen: 30.242 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

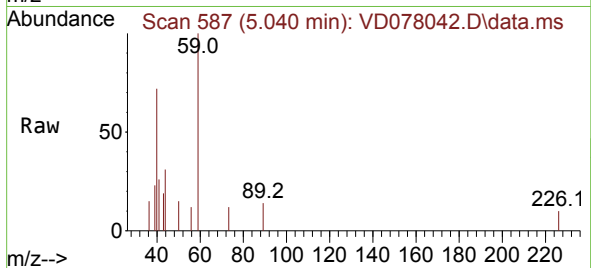
Tgt Ion:142 Resp: 28842
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 13.5 11.1 16.7



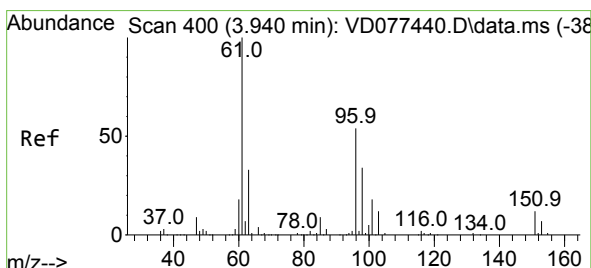
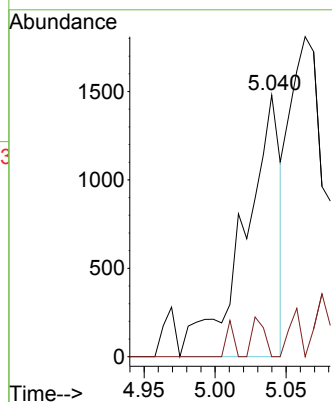
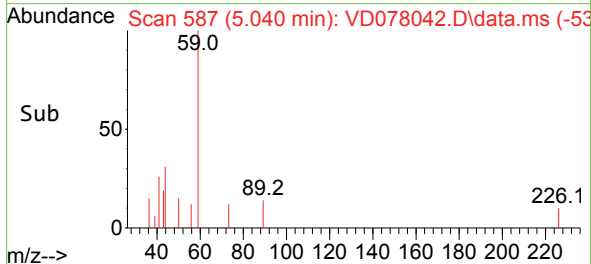


#11
Tert butyl alcohol
Concen: 36.468 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

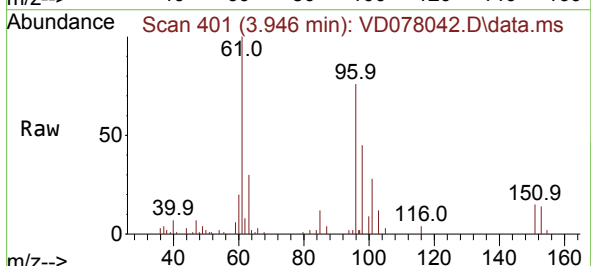
Instrument :
MSVOA_D
ClientSampleId :



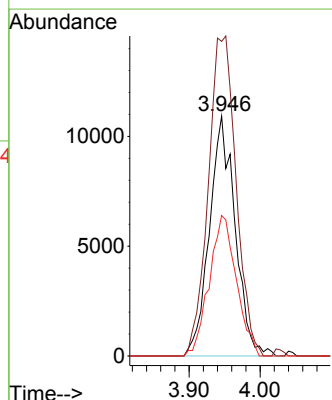
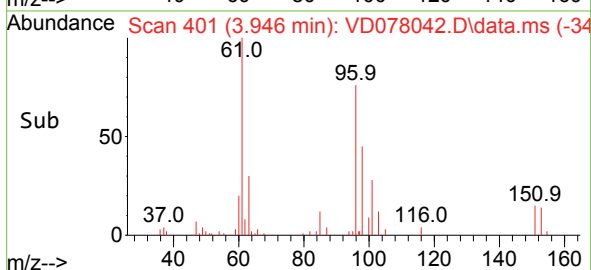
Tgt Ion: 59 Resp: 2602
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.975 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion: 96 Resp: 27472
Ion Ratio Lower Upper
96 100
61 131.2 100.6 150.8
98 58.6 50.2 75.2

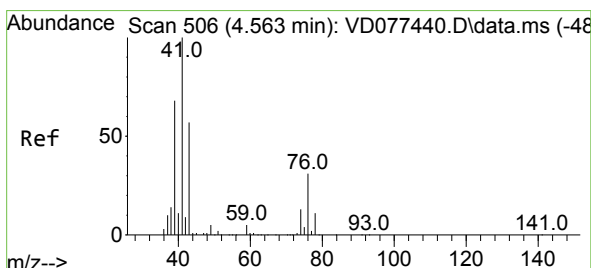
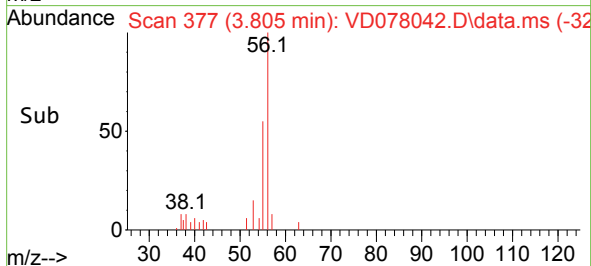
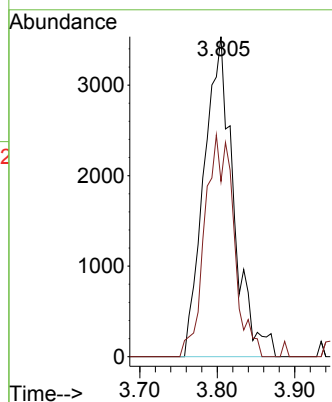
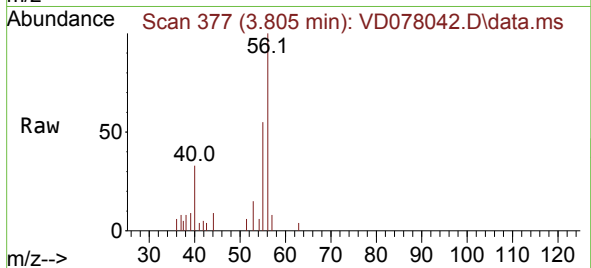




#13
Acrolein
Concen: 75.599 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

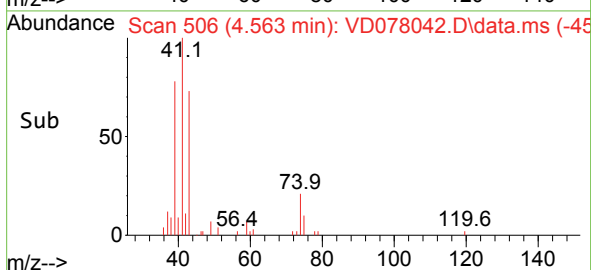
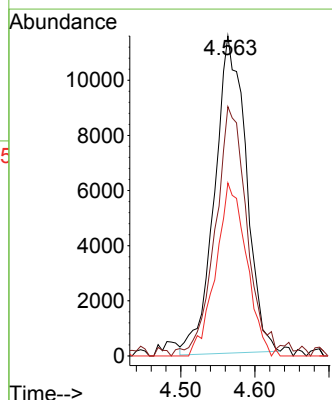
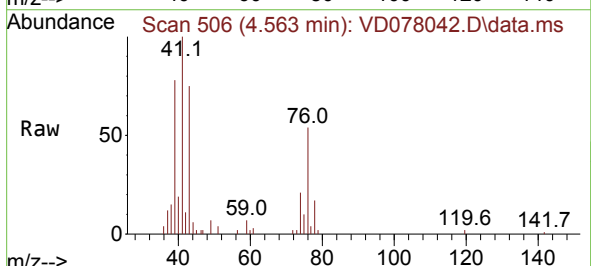
Instrument :
MSVOA_D
ClientSampleId :

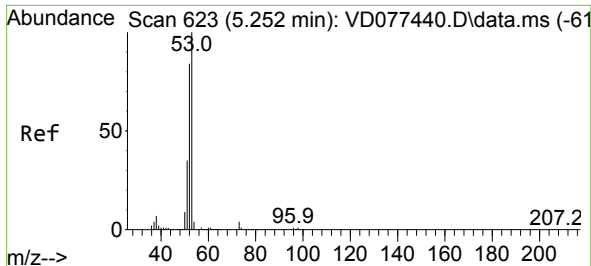
Tgt Ion: 56 Resp: 9374
Ion Ratio Lower Upper
56 100
55 68.0 55.1 82.7



#14
Allyl chloride
Concen: 20.660 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 41 Resp: 33976
Ion Ratio Lower Upper
41 100
39 79.6 53.8 80.6
76 53.1 45.8 68.8

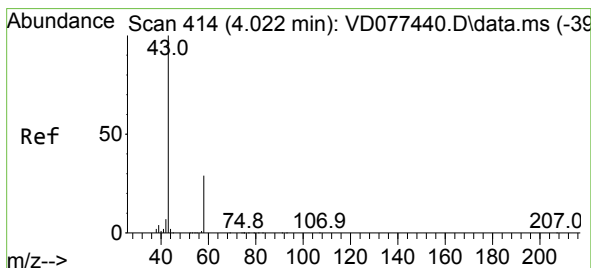
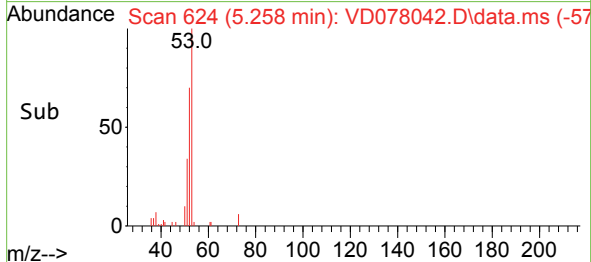
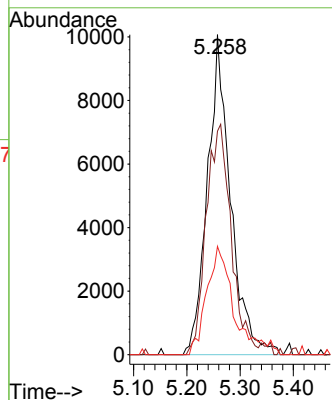
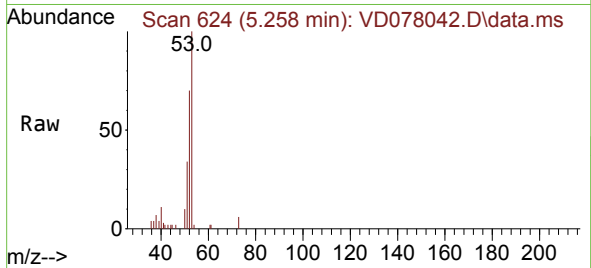




#15
Acrylonitrile
Concen: 119.433 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

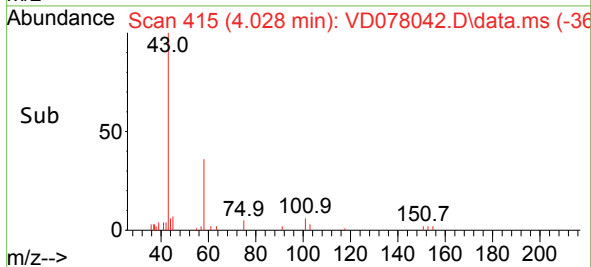
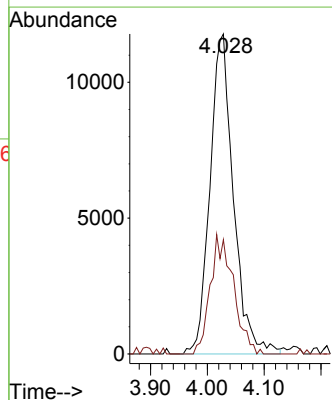
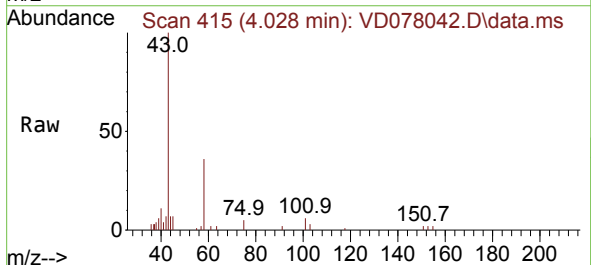
Instrument :
MSVOA_D
ClientSampleId :

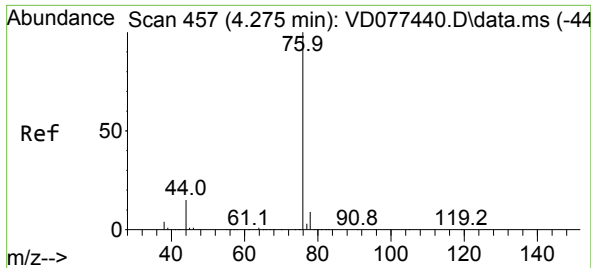
Tgt Ion: 53 Resp: 30409
Ion Ratio Lower Upper
53 100
52 77.6 65.0 97.4
51 39.9 28.3 42.5



#16
Acetone
Concen: 116.428 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 43 Resp: 33766
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1

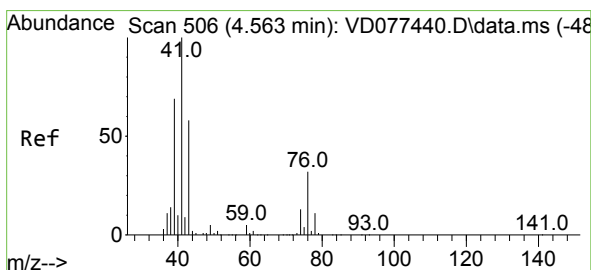
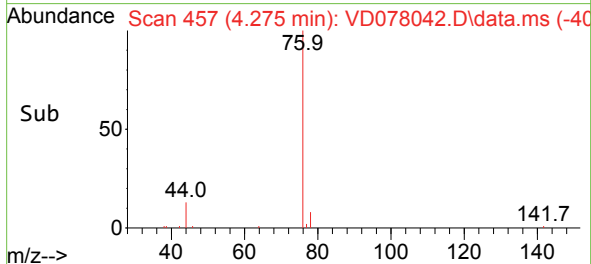
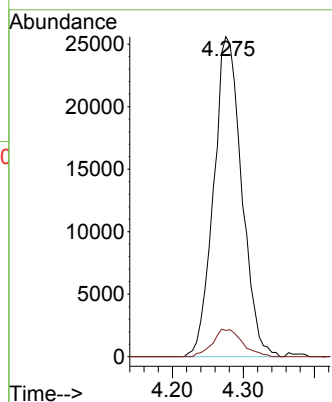
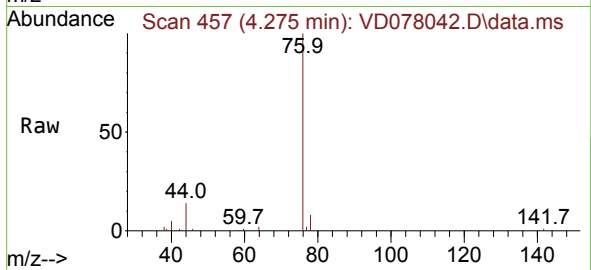




#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

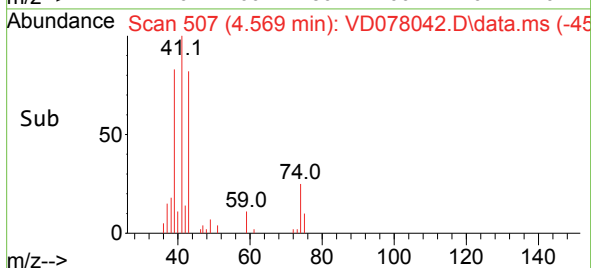
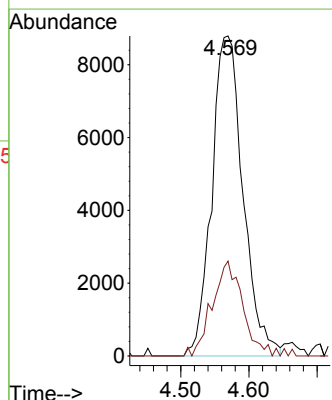
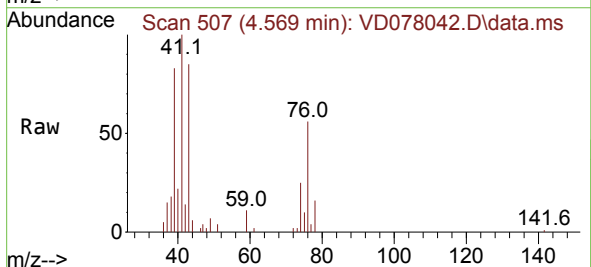
Instrument :
MSVOA_D
ClientSampleId :

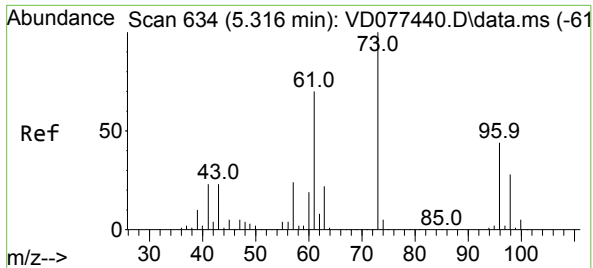
Tgt Ion: 76 Resp: 70188
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 30.342 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 43 Resp: 28011
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 23.345 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

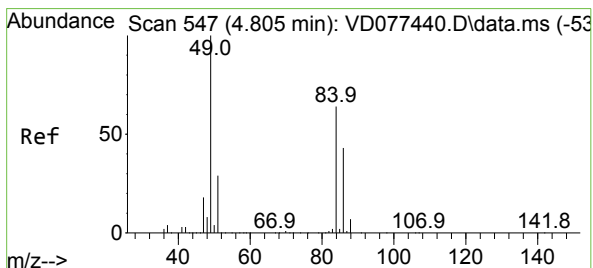
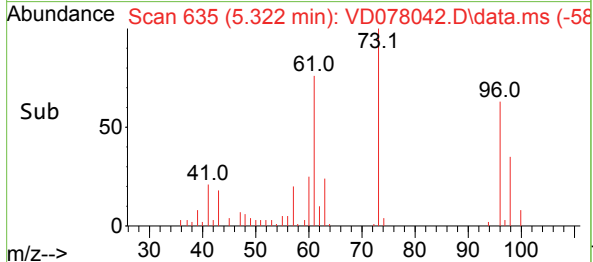
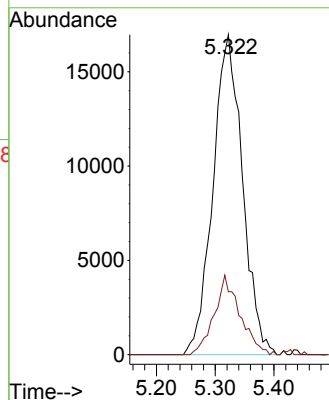
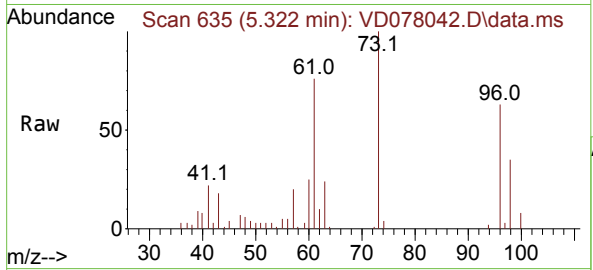
ClientSampleId :

Tgt Ion: 73 Resp: 59225

Ion Ratio Lower Upper

73 100

57 19.7 16.6 25.0



#20

Methylene Chloride

Concen: 28.213 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion: 84 Resp: 42096

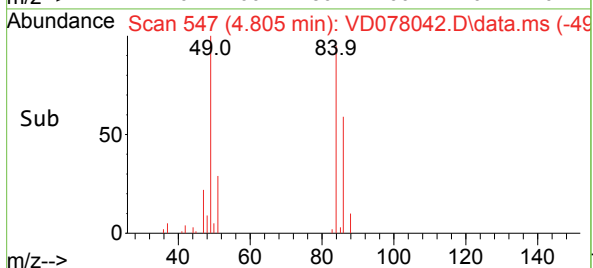
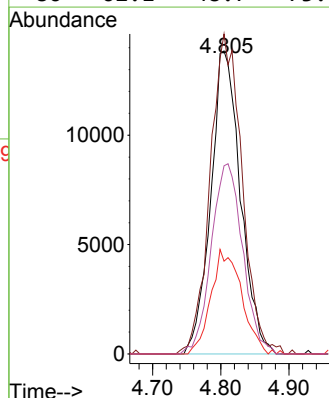
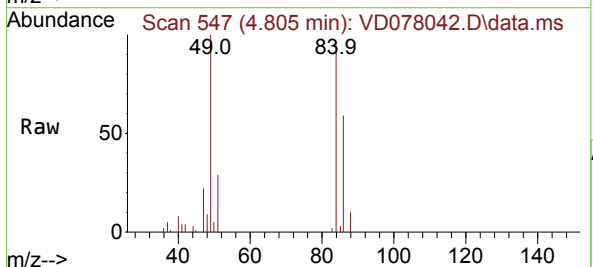
Ion Ratio Lower Upper

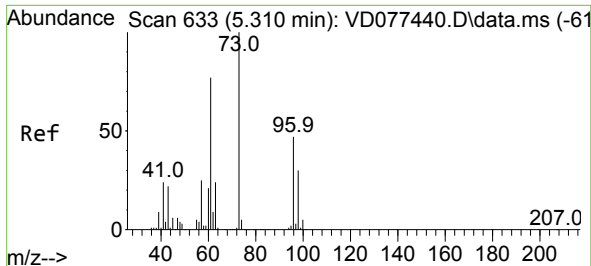
84 100

49 104.5 71.4 107.2

51 30.6 24.5 36.7

86 62.1 48.7 73.1

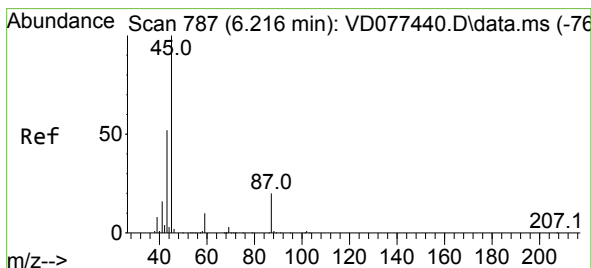
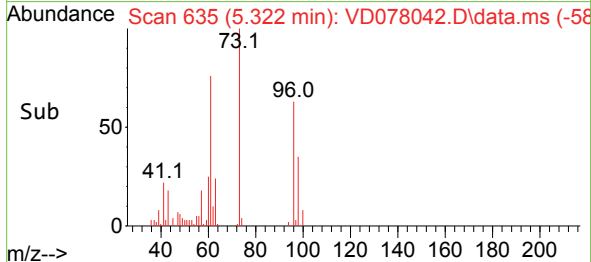
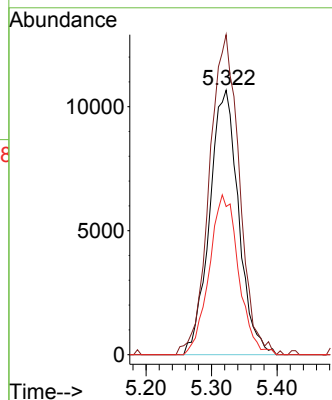
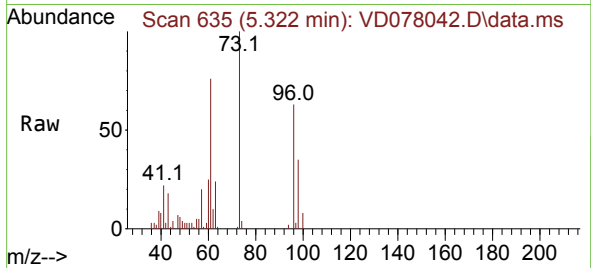




#21
trans-1,2-Dichloroethene
Concen: 24.186 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

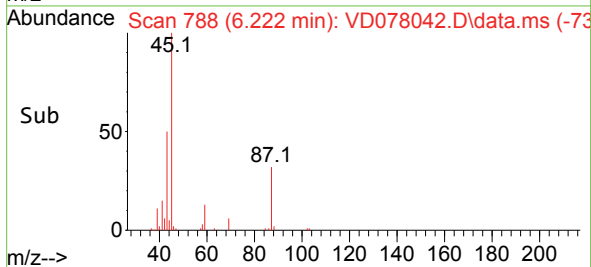
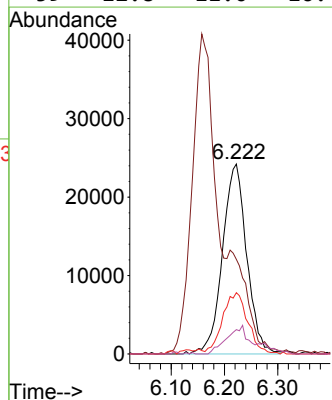
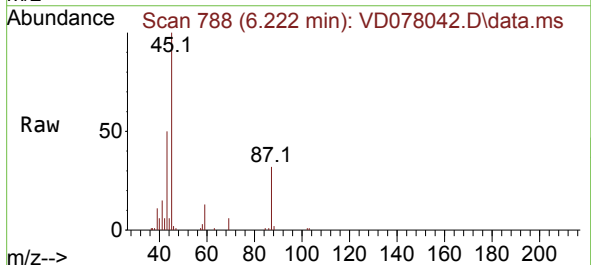
Instrument :
MSVOA_D
ClientSampleId :

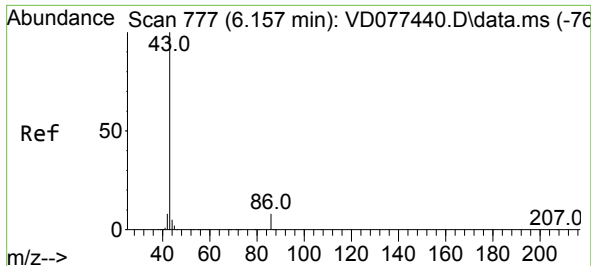
Tgt Ion: 96 Resp: 32757
Ion Ratio Lower Upper
96 100
61 119.5 89.3 133.9
98 56.0 48.6 73.0



#22
Diisopropyl ether
Concen: 22.302 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

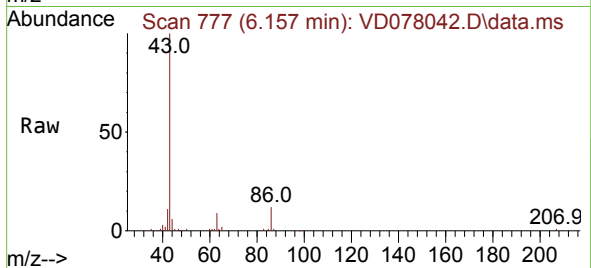
Tgt Ion: 45 Resp: 76644
Ion Ratio Lower Upper
45 100
43 48.4 40.0 60.0
87 32.3 28.2 42.4
59 12.8 11.0 16.4



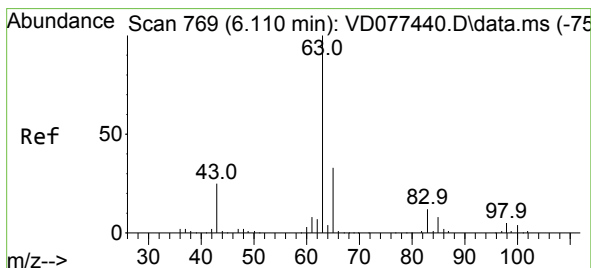
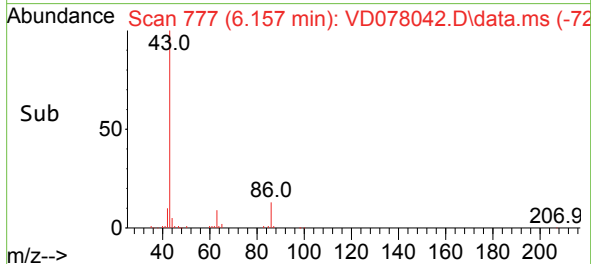
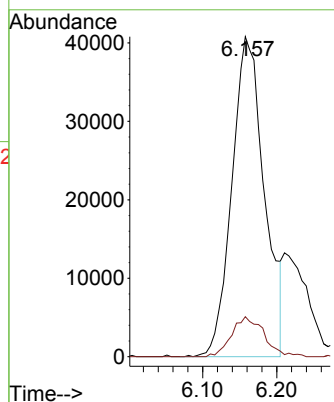


#23
 Vinyl Acetate
 Concen: 73.844 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Instrument :
 MSVOA_D
 ClientSampleId :

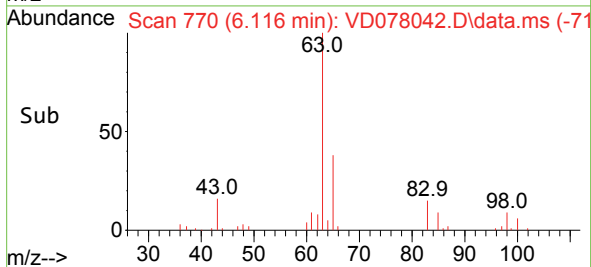
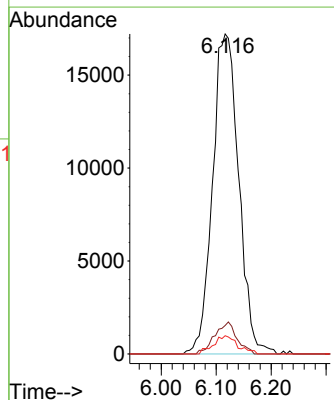
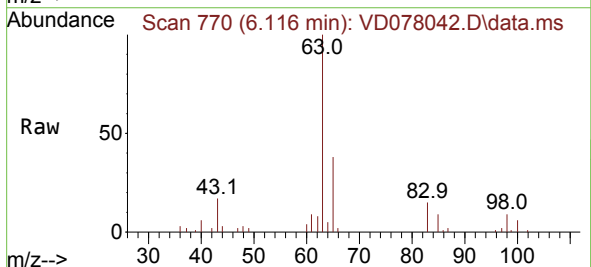


Tgt Ion: 43 Resp: 123930
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 24.423 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Tgt Ion: 63 Resp: 56840
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 5.7 2.5 7.5





#25

2-Butanone

Concen: 115.413 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

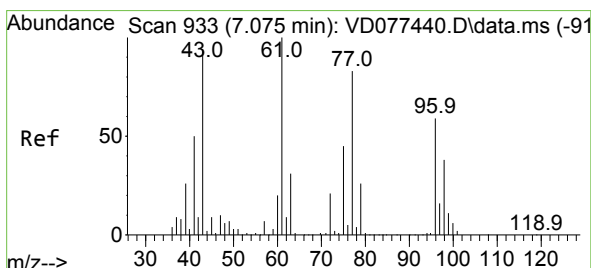
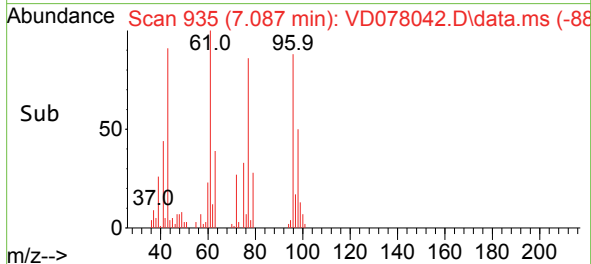
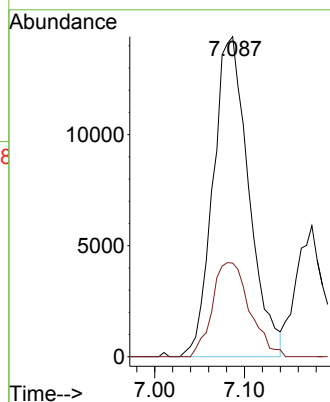
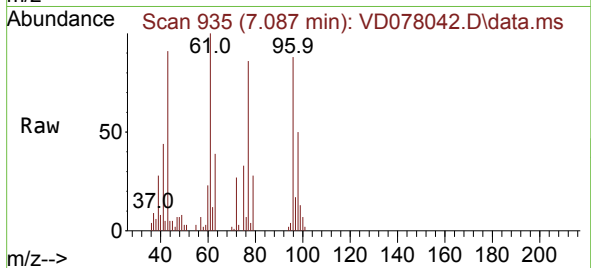
ClientSampleId :

Tgt Ion: 43 Resp: 39793

Ion Ratio Lower Upper

43 100

72 29.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 23.091 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078042.D

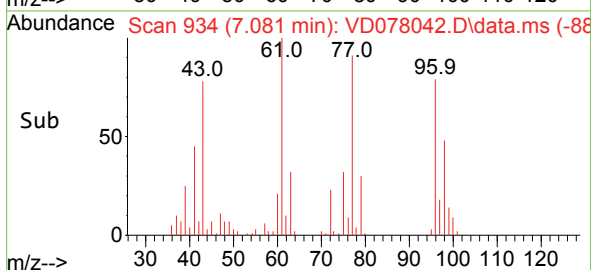
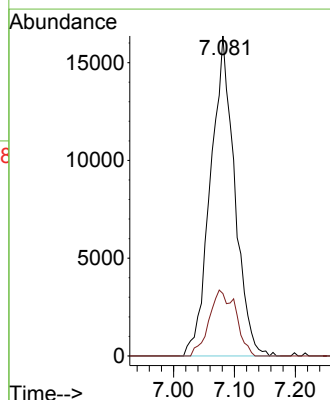
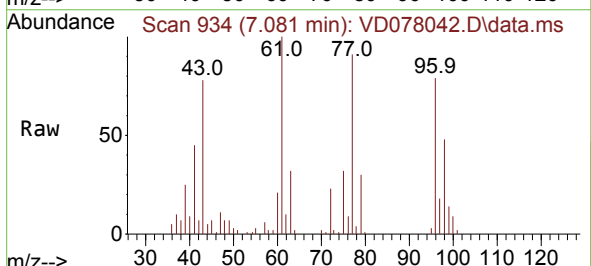
Acq: 22 Dec 2023 00:43

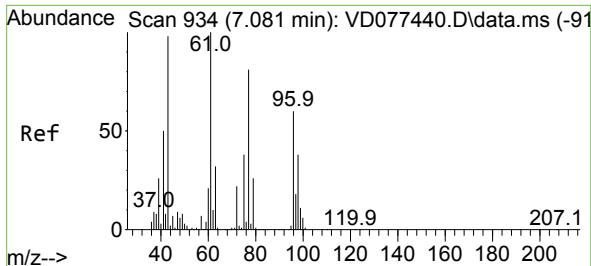
Tgt Ion: 77 Resp: 45120

Ion Ratio Lower Upper

77 100

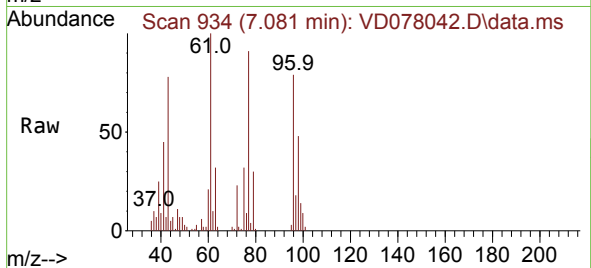
97 22.8 13.2 39.6





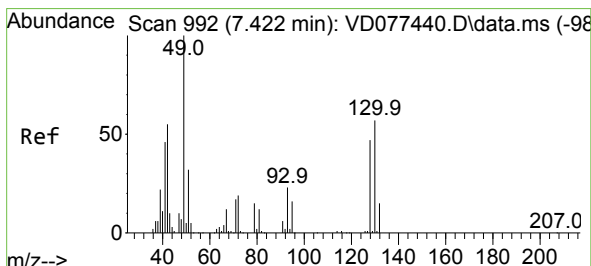
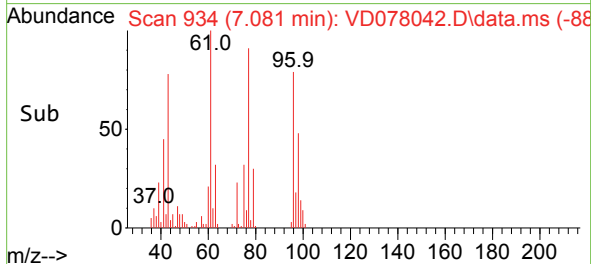
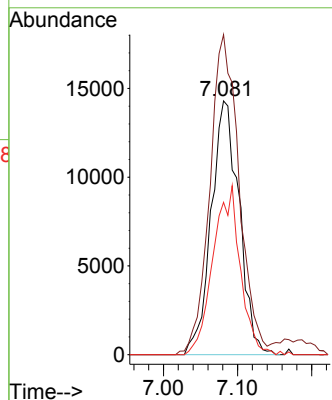
#27
 cis-1,2-Dichloroethene
 Concen: 25.684 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 37431

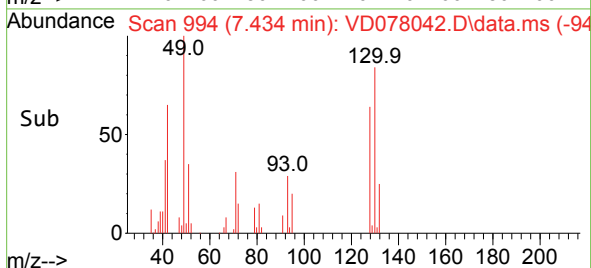
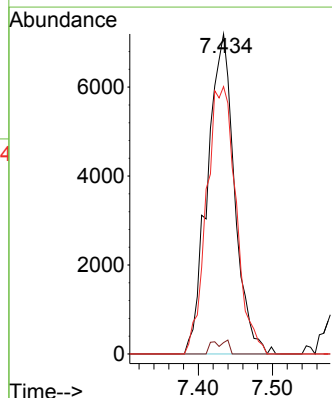
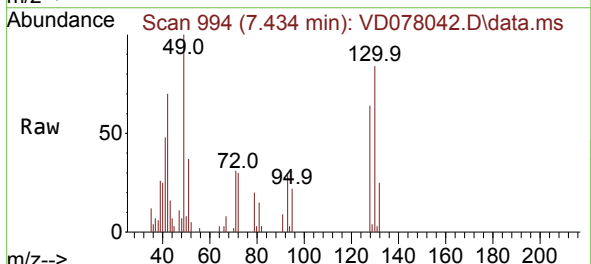
Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	239.2
98	64.9	0.0	128.6

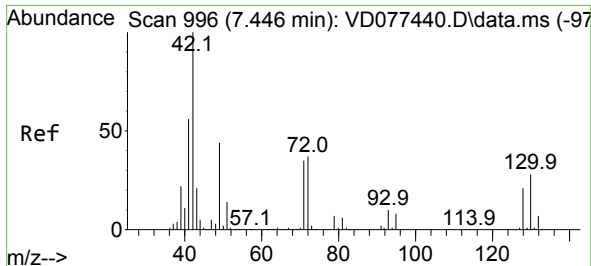


#28
 Bromochloromethane
 Concen: 19.416 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Tgt Ion: 49 Resp: 18259

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	6.0
130	91.0	83.2	124.8





#29

Tetrahydrofuran

Concen: 104.623 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

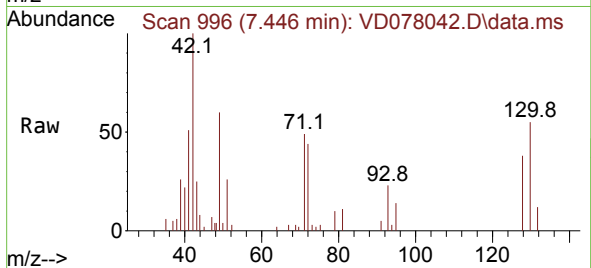
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :



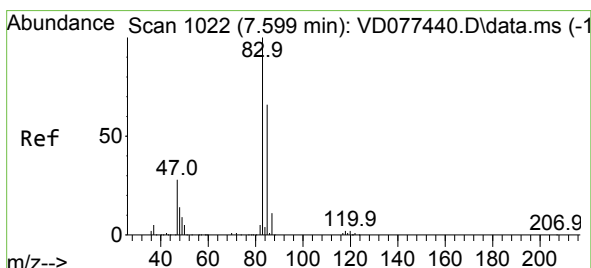
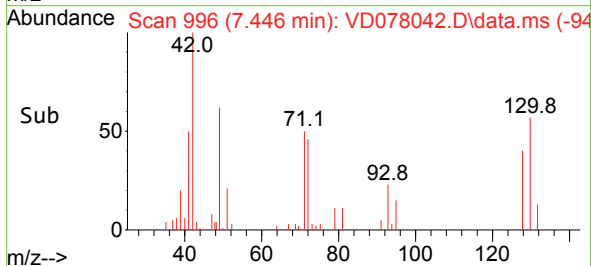
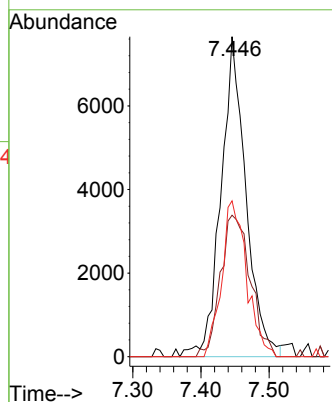
Tgt Ion: 42 Resp: 19529

Ion Ratio Lower Upper

42 100

72 52.8 46.5 69.7

71 48.6 44.5 66.7



#30

Chloroform

Concen: 26.053 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078042.D

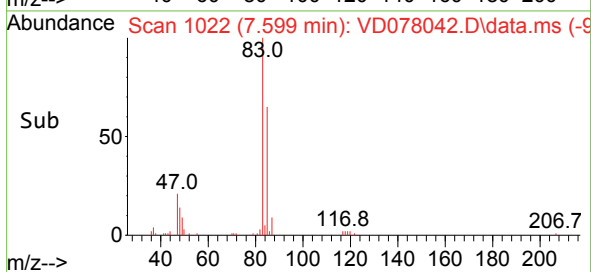
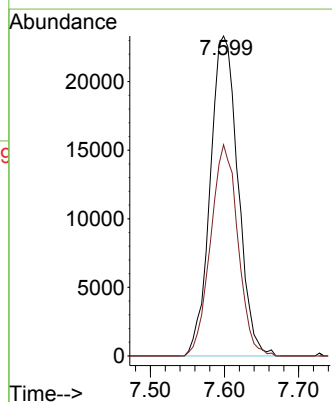
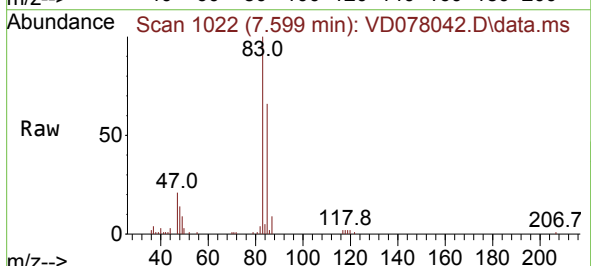
Acq: 22 Dec 2023 00:43

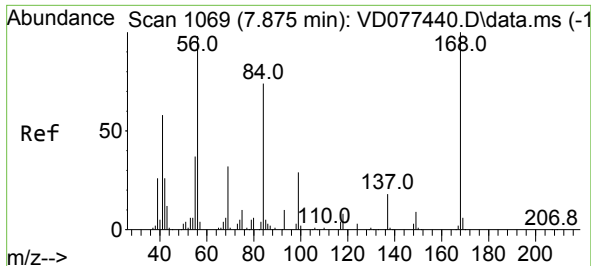
Tgt Ion: 83 Resp: 60684

Ion Ratio Lower Upper

83 100

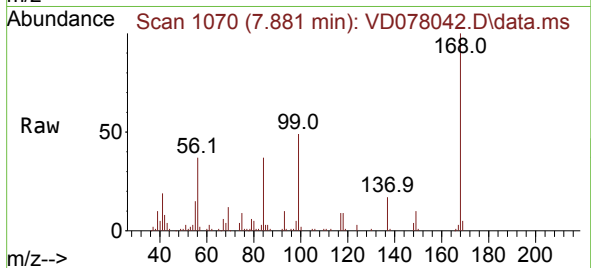
85 66.0 53.4 80.2



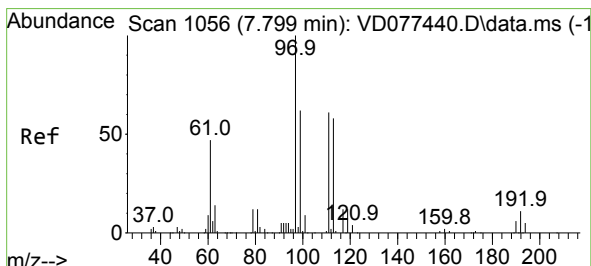
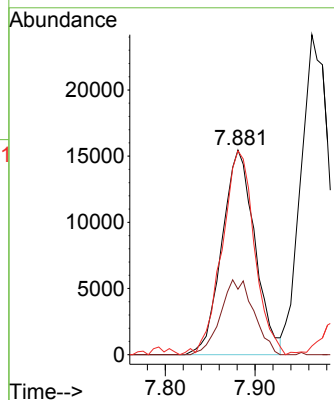
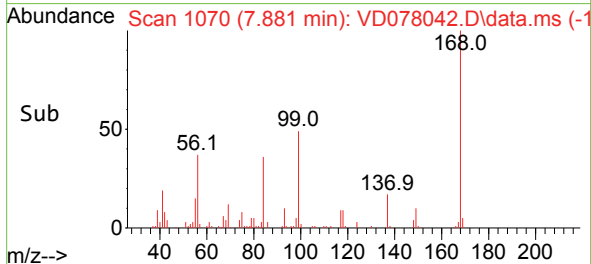


#31
Cyclohexane
Concen: 18.927 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :

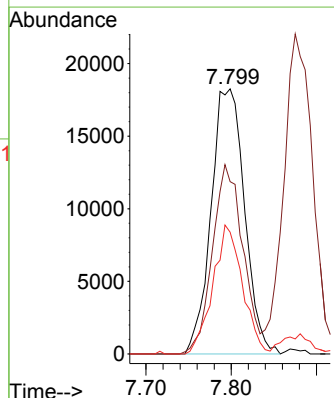
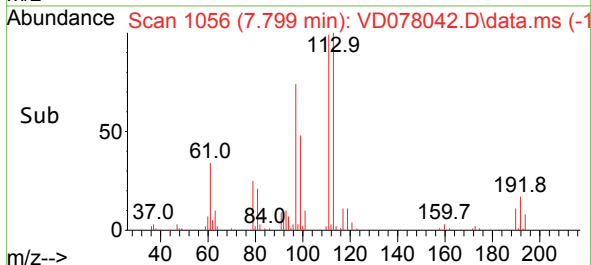
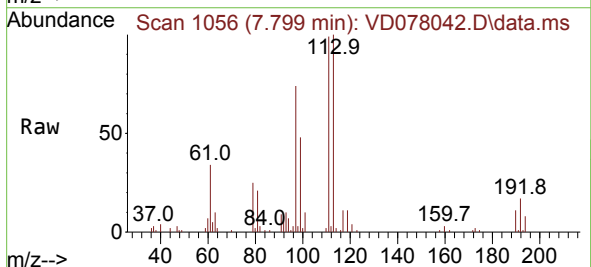


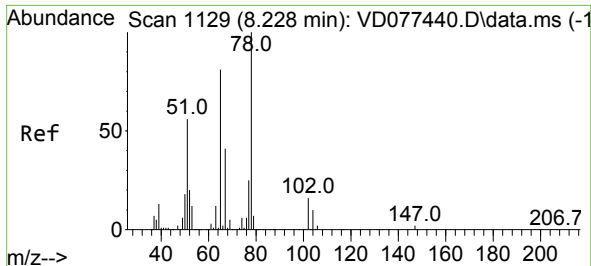
Tgt Ion: 56 Resp: 39461
Ion Ratio Lower Upper
56 100
69 32.0 28.6 43.0
84 99.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 24.284 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 97 Resp: 49863
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.654 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

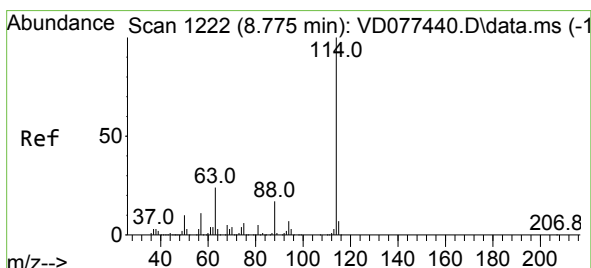
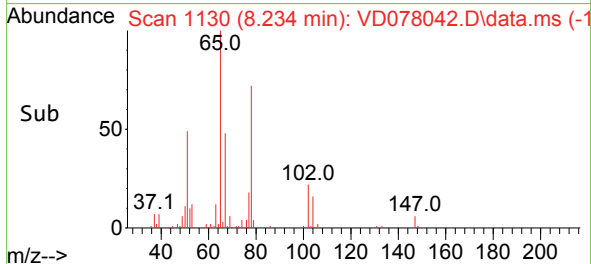
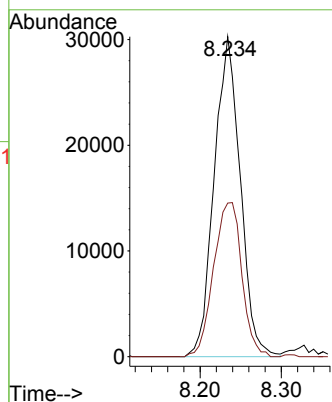
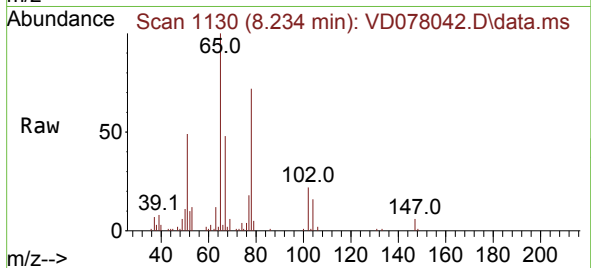
ClientSampleId :

Tgt Ion: 65 Resp: 67582

Ion Ratio Lower Upper

65 100

67 52.1 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: VD078042.D

Acq: 22 Dec 2023 00:43

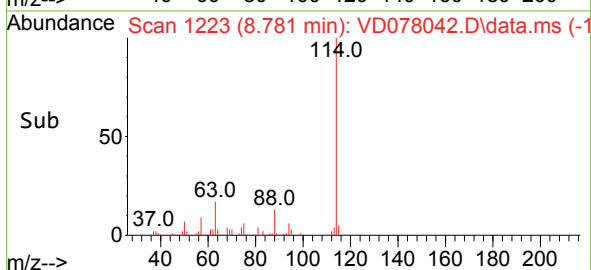
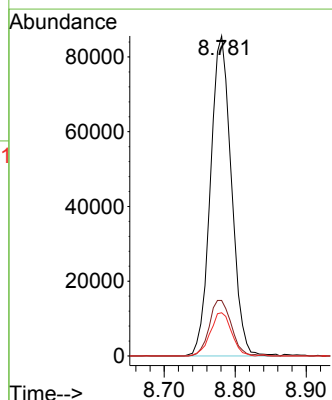
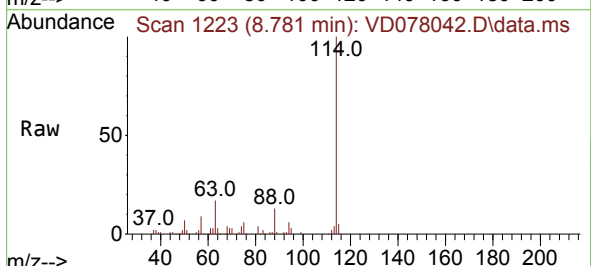
Tgt Ion: 114 Resp: 174877

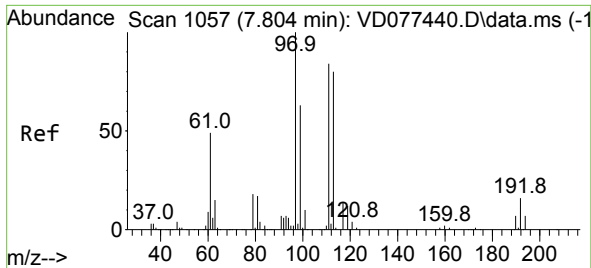
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.5 0.0 26.2

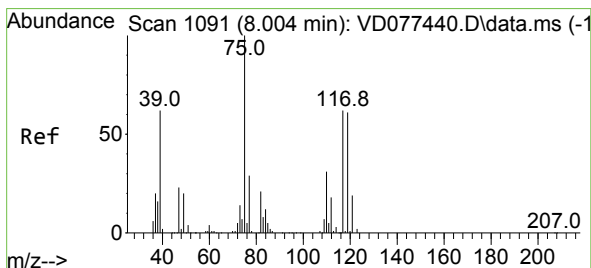
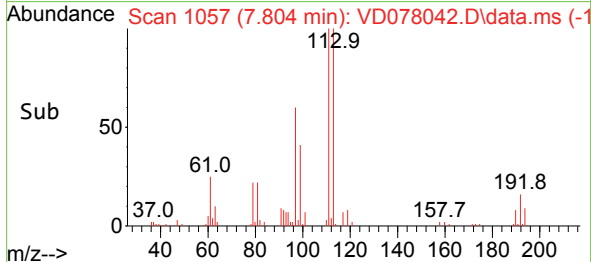
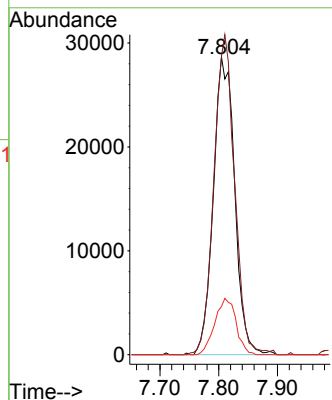
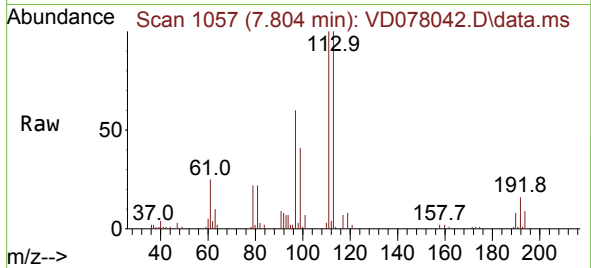




#35
Dibromofluoromethane
Concen: 58.983 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

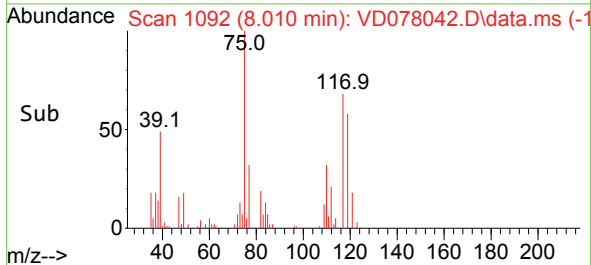
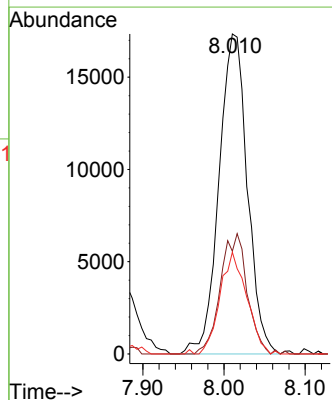
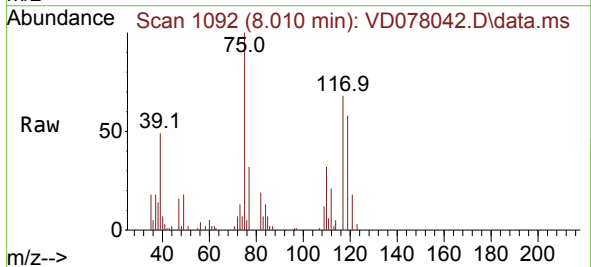
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 72251
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 18.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.518 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 75 Resp: 42162
Ion Ratio Lower Upper
75 100
110 35.4 19.9 59.6
77 30.0 24.7 37.1





#37

Ethyl Acetate

Concen: 17.999 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

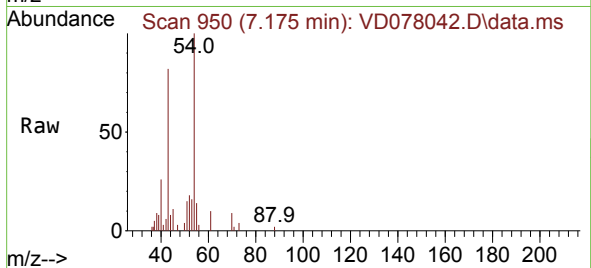
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :



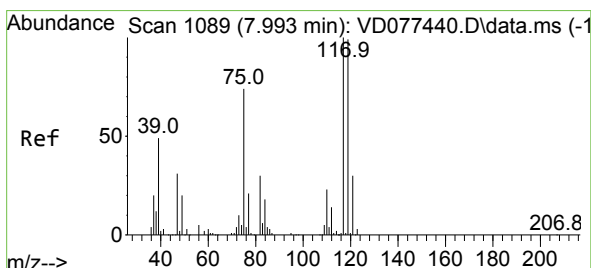
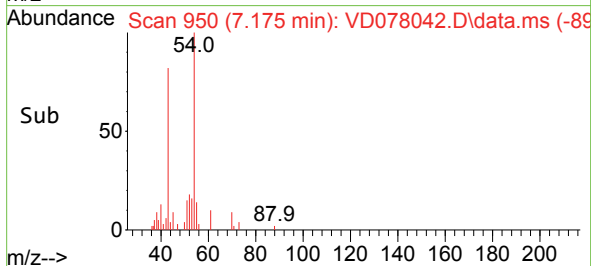
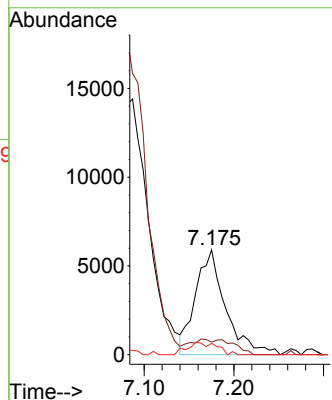
Tgt Ion: 43 Resp: 13751

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 11.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 22.849 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

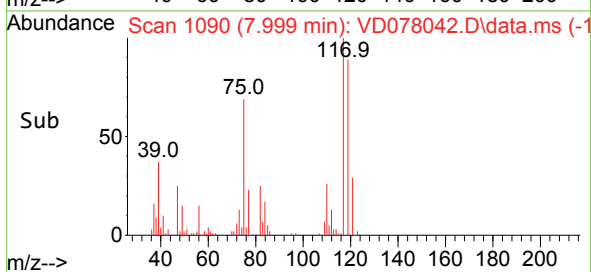
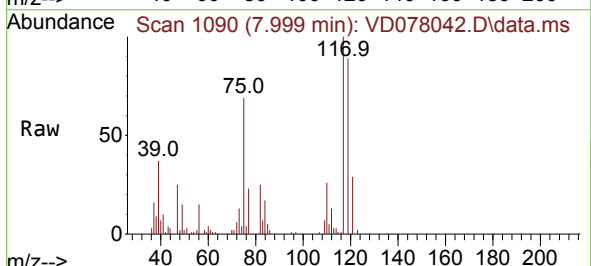
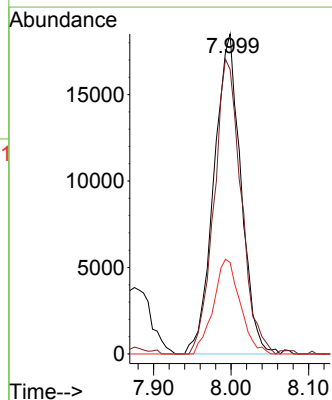
Tgt Ion: 117 Resp: 44633

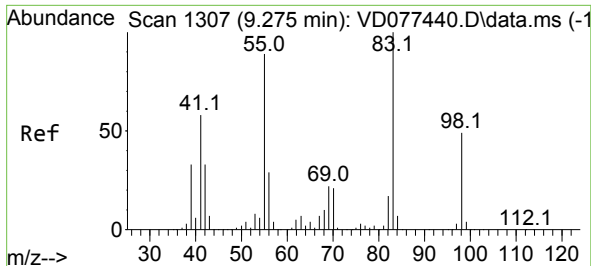
Ion Ratio Lower Upper

117 100

119 88.9 78.0 117.0

121 28.6 24.2 36.2

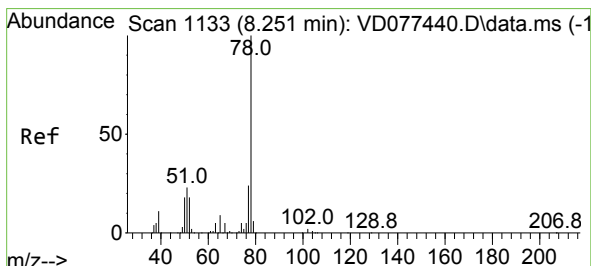
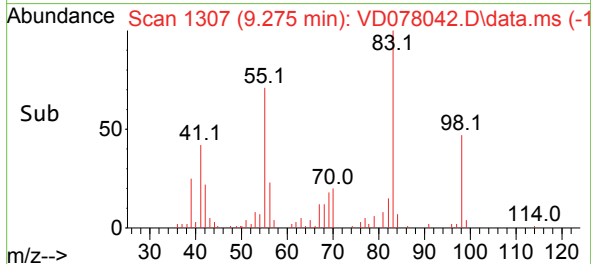
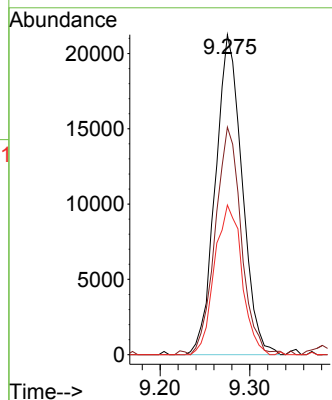
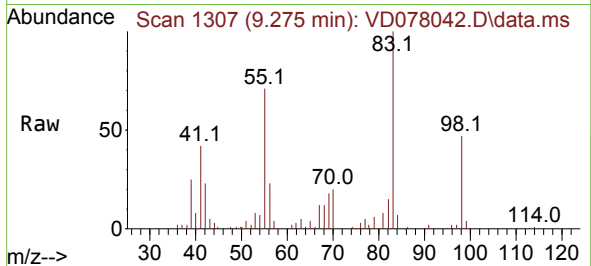




#39
Methylcyclohexane
Concen: 18.879 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

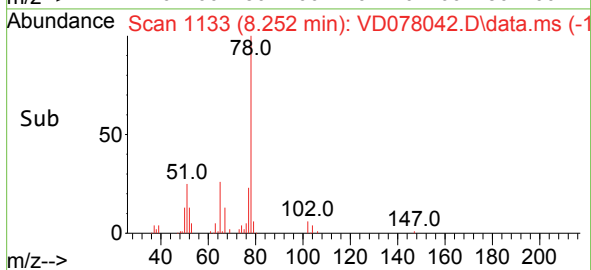
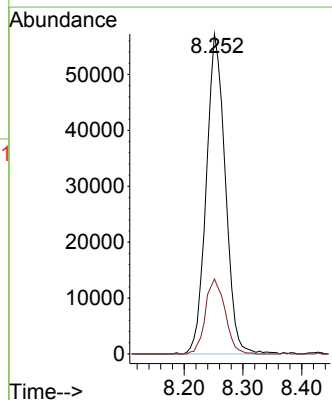
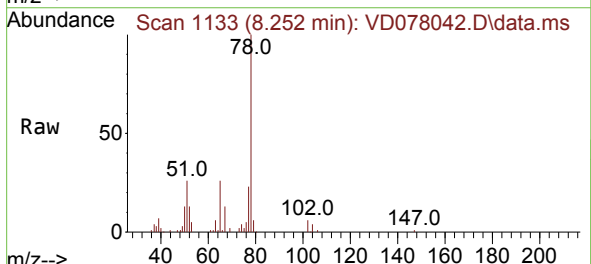
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 43852
Ion Ratio Lower Upper
83 100
55 70.1 49.4 74.0
98 46.7 38.4 57.6



#40
Benzene
Concen: 23.119 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

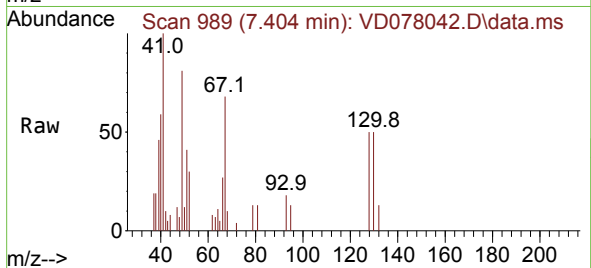
Tgt Ion: 78 Resp: 128568
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



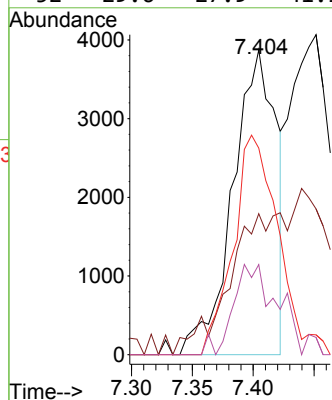
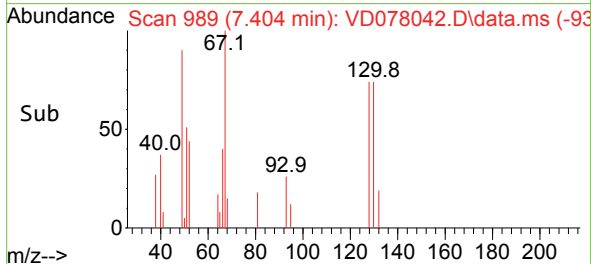


#41
Methacrylonitrile
Concen: 24.722 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :

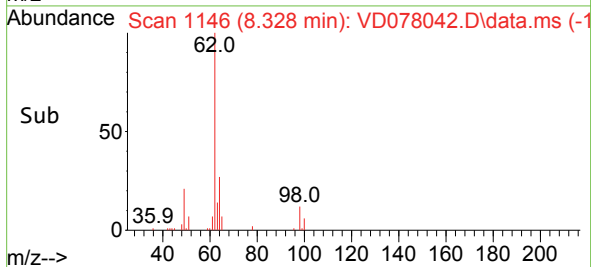
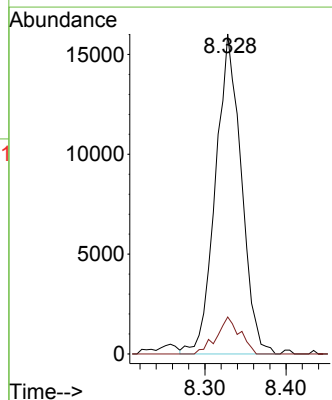
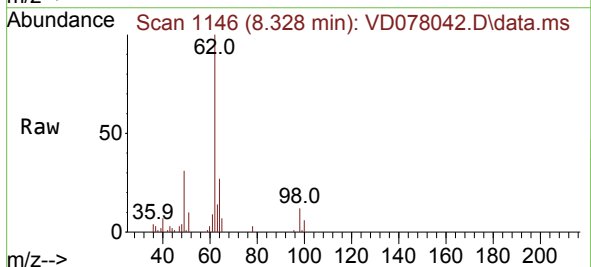


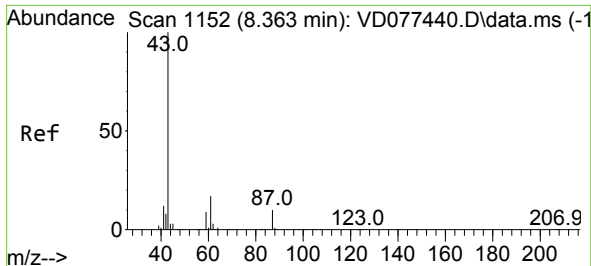
Tgt Ion: 41 Resp: 9600
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0#
67 74.8 77.0 115.4#
52 29.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 24.505 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

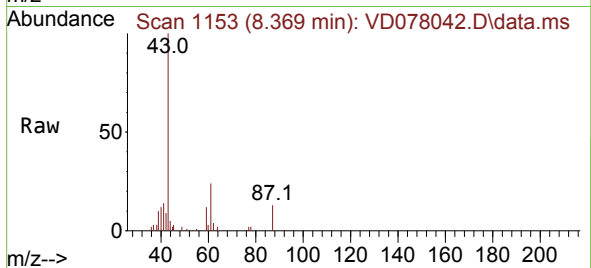
Tgt Ion: 62 Resp: 35325
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4



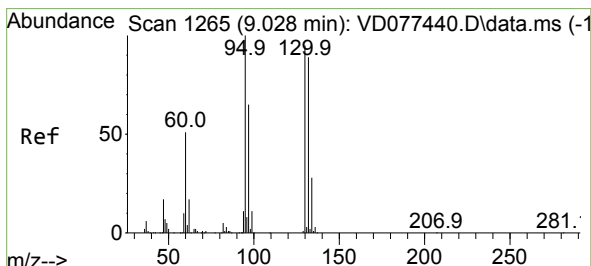
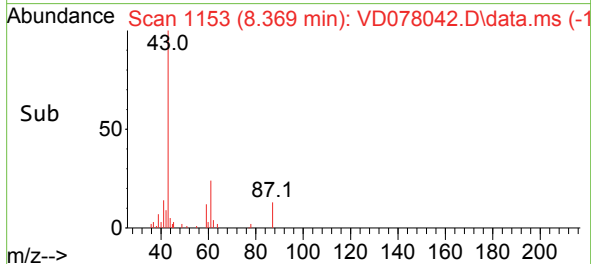
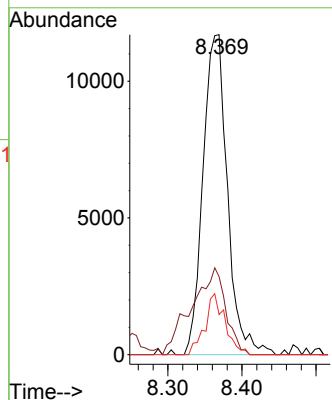


#43
Isopropyl Acetate
Concen: 19.760 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :

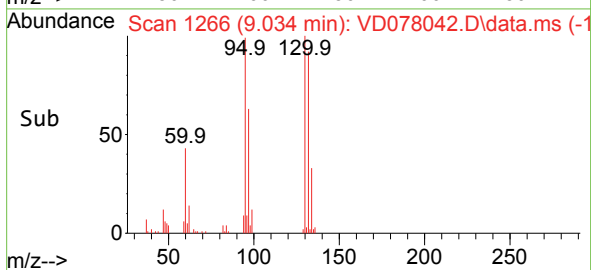
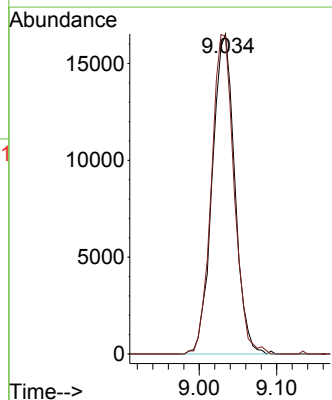
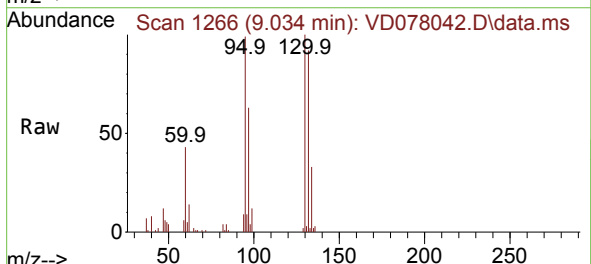


Tgt Ion: 43 Resp: 26837
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 15.8 14.9 22.3



#44
Trichloroethene
Concen: 23.044 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:130 Resp: 33396
Ion Ratio Lower Upper
130 100
95 99.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 24.069 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

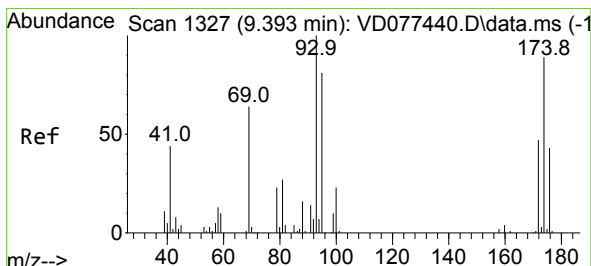
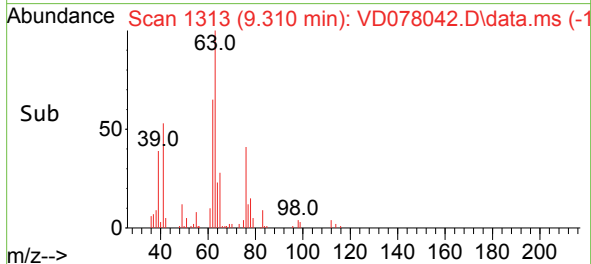
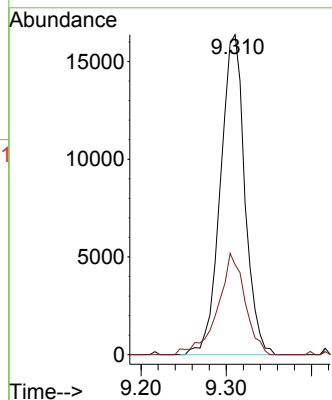
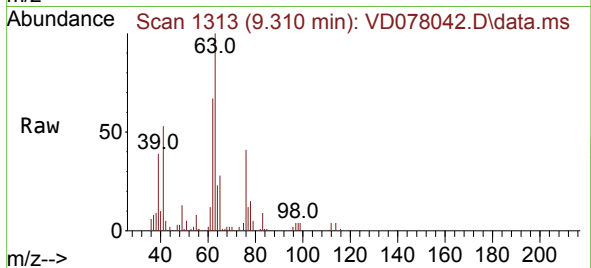
ClientSampleId :

Tgt Ion: 63 Resp: 32539

Ion Ratio Lower Upper

63 100

65 28.2 24.5 36.7



#46

Dibromomethane

Concen: 24.549 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

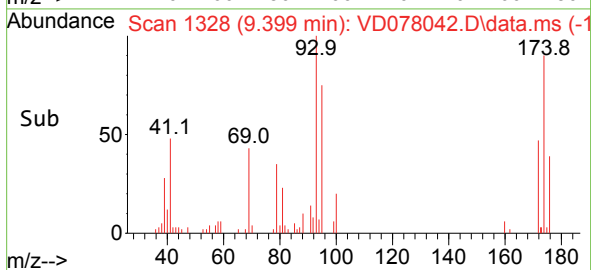
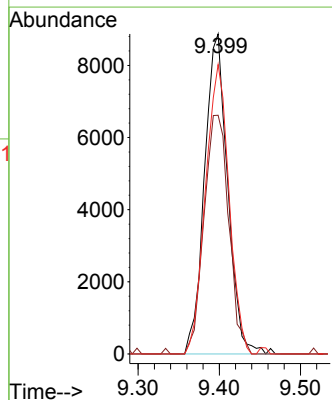
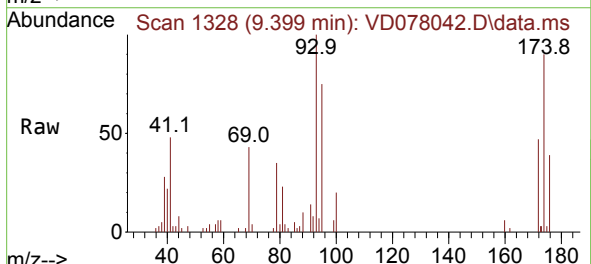
Tgt Ion: 93 Resp: 17560

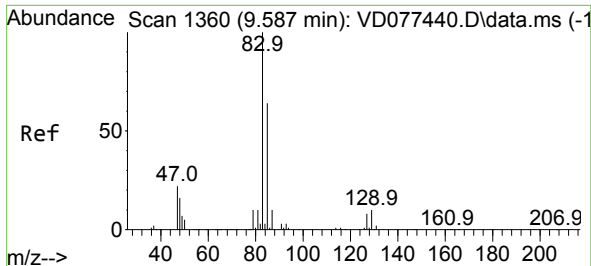
Ion Ratio Lower Upper

93 100

95 79.9 67.7 101.5

174 92.0 85.4 128.2

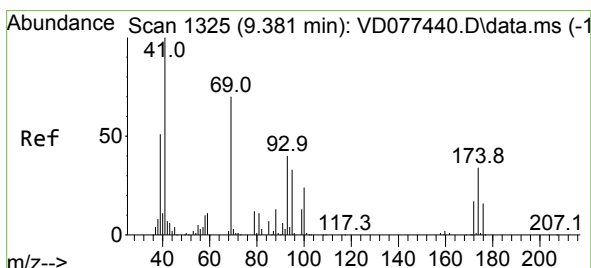
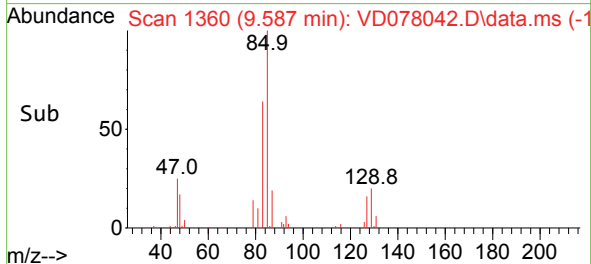
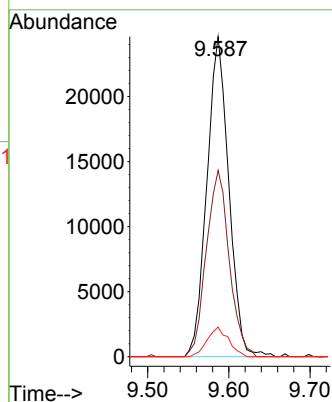
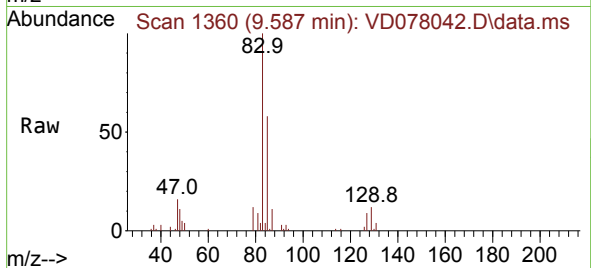




#47
Bromodichloromethane
Concen: 25.416 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

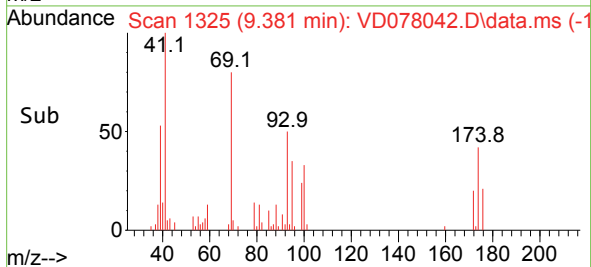
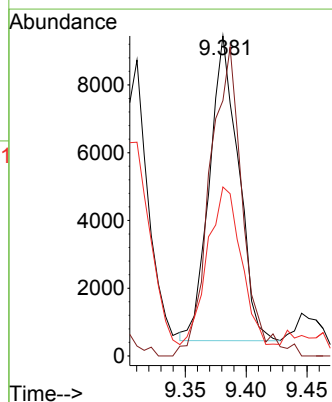
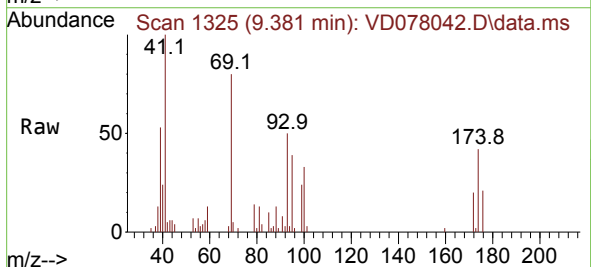
Instrument :
MSVOA_D
ClientSampleId :

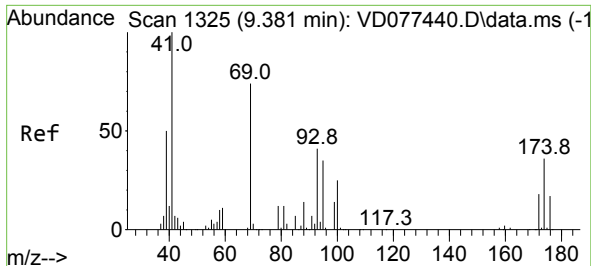
Tgt Ion:	83	Resp:	46080
Ion	Ratio	Lower	Upper
83	100		
85	58.2	50.2	75.4
127	9.3	6.3	9.5



#48
Methyl methacrylate
Concen: 19.331 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:	41	Resp:	14924
Ion	Ratio	Lower	Upper
41	100		
69	114.3	102.2	153.2
39	70.4	41.4	62.2





#49

1,4-Dioxane

Concen: 394.072 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

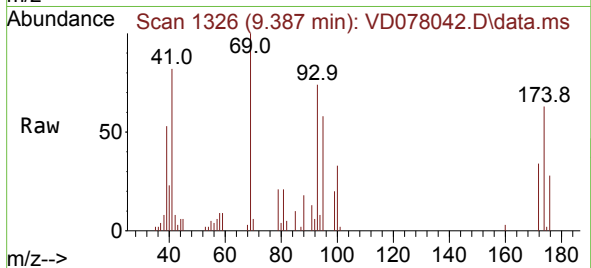
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :



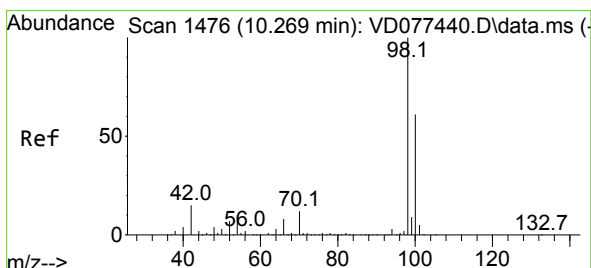
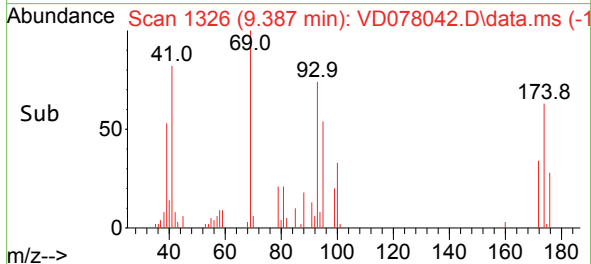
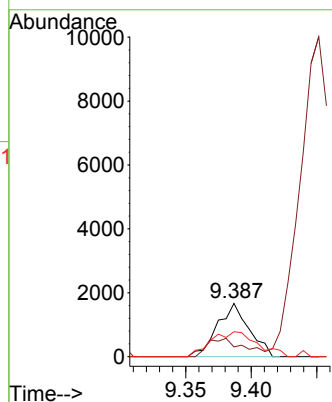
Tgt Ion: 88 Resp: 2799

Ion Ratio Lower Upper

88 100

43 39.5 19.0 28.6#

58 68.3 43.5 65.3#



#50

Toluene-d8

Concen: 56.072 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078042.D

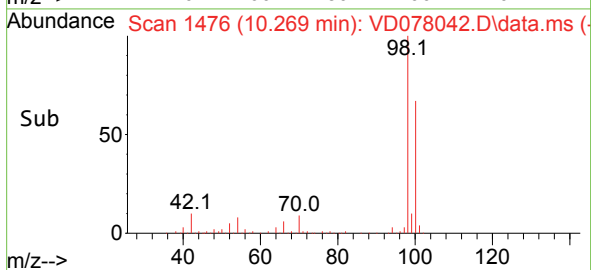
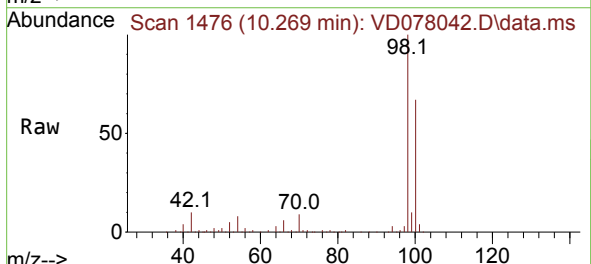
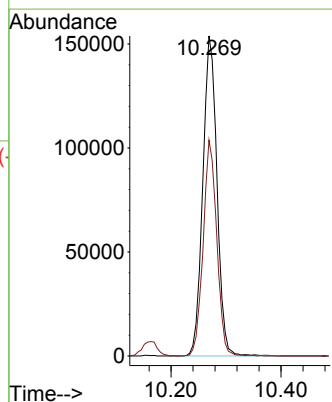
Acq: 22 Dec 2023 00:43

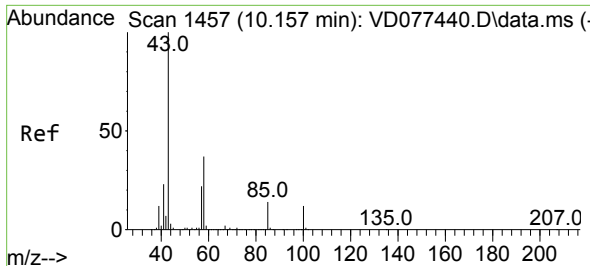
Tgt Ion: 98 Resp: 275097

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

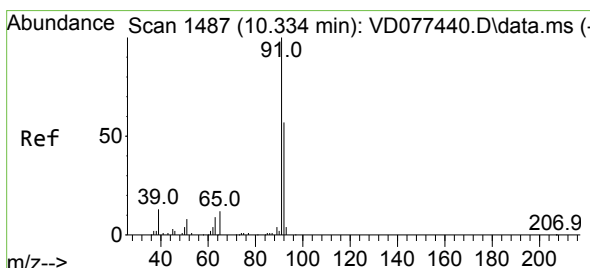
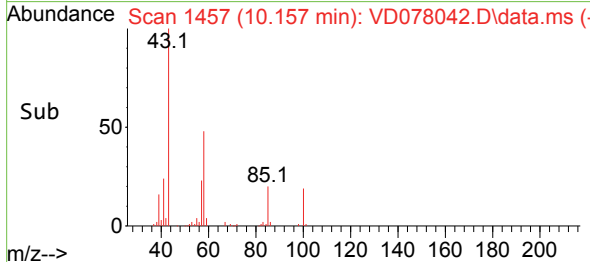
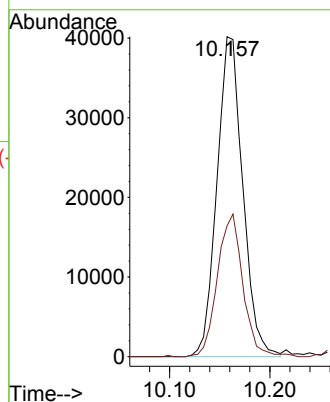
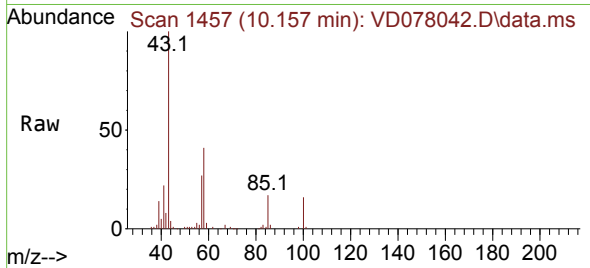




#51
4-Methyl-2-Pentanone
Concen: 103.815 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

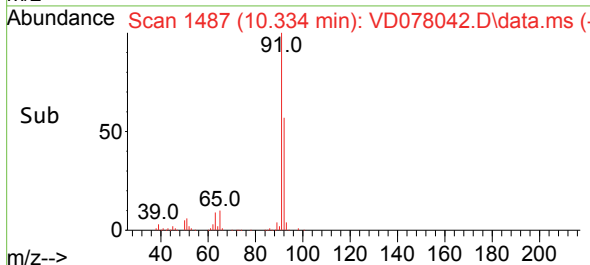
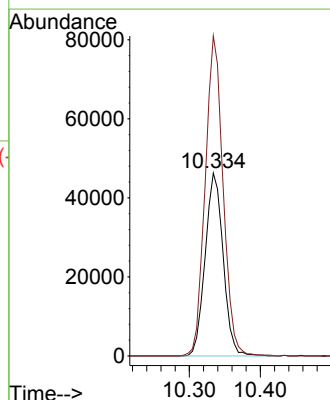
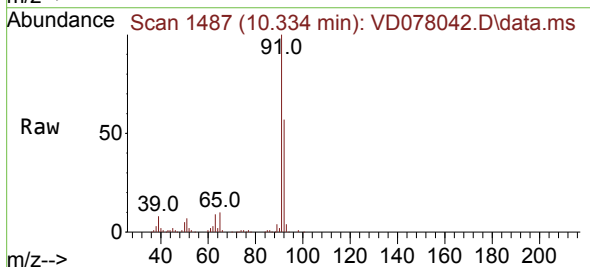
Instrument :
MSVOA_D
ClientSampleId :

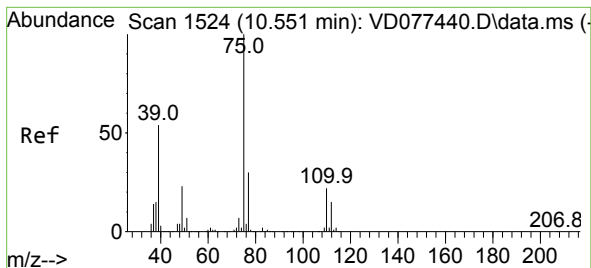
Tgt Ion: 43 Resp: 71957
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3



#52
Toluene
Concen: 23.684 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 92 Resp: 81701
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4

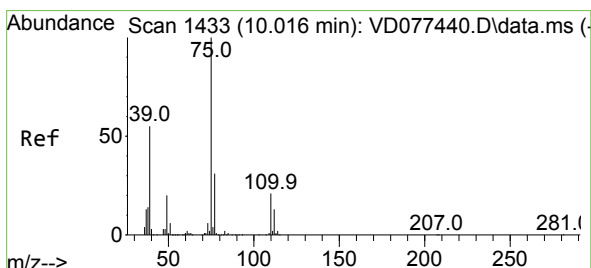
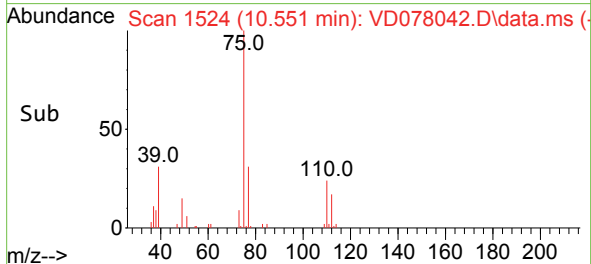
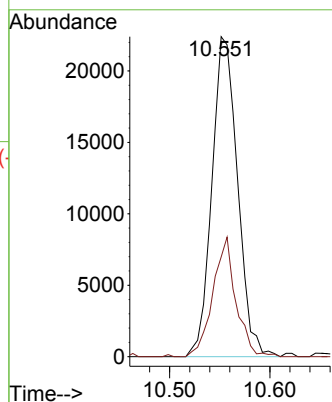
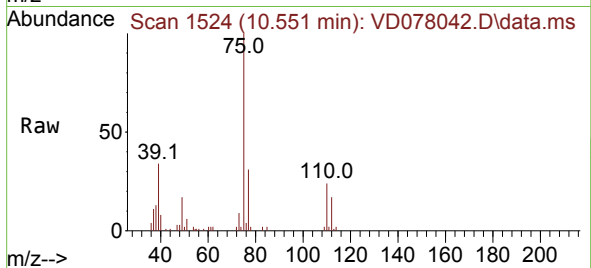




#53
t-1,3-Dichloropropene
Concen: 22.895 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

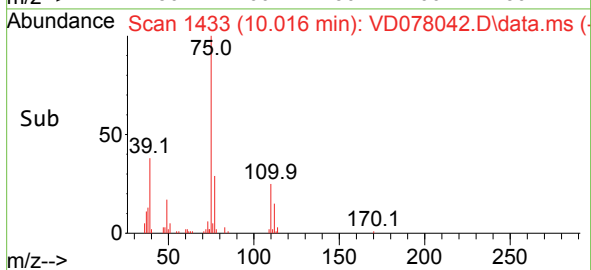
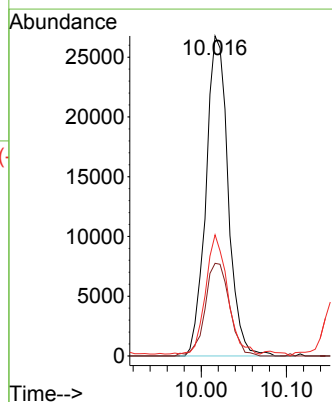
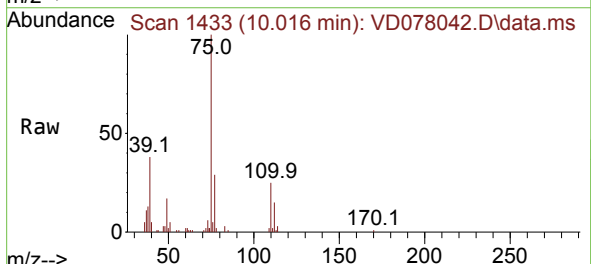
Instrument :
MSVOA_D
ClientSampleId :

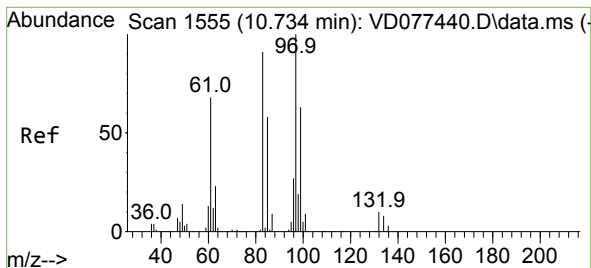
Tgt Ion: 75 Resp: 39861
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 23.049 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 75 Resp: 48518
Ion Ratio Lower Upper
75 100
77 29.0 25.5 38.3
39 37.2 22.1 33.1#

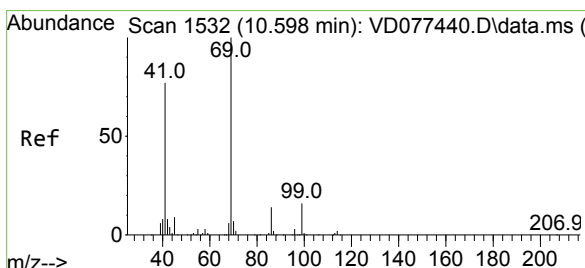
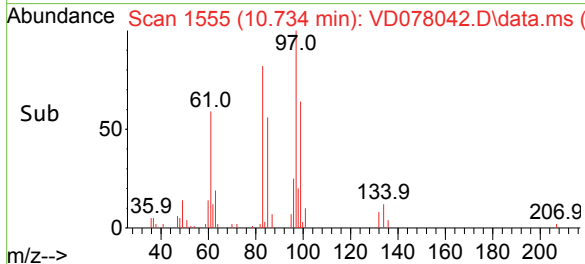
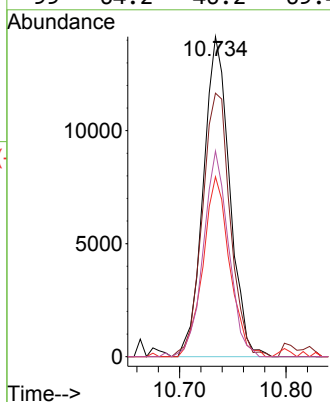
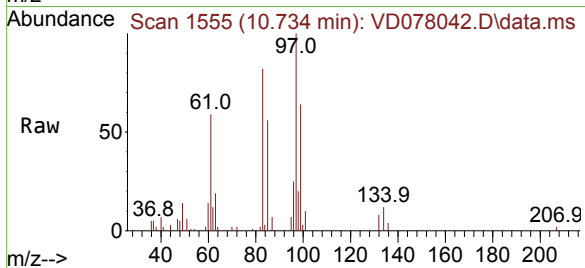




#55
1,1,2-Trichloroethane
Concen: 24.873 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

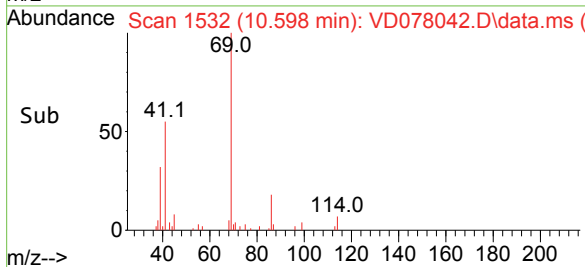
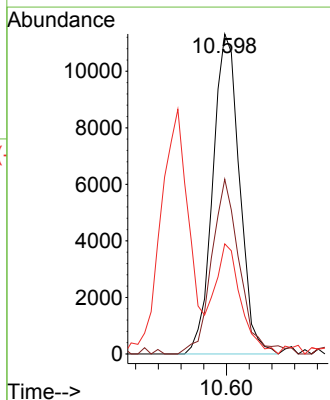
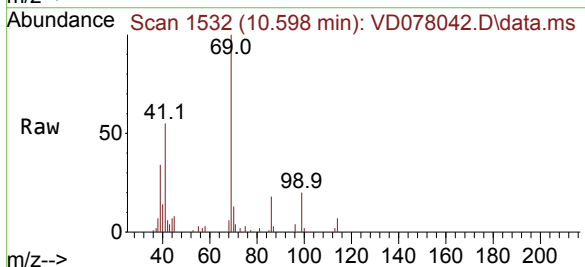
Instrument :
MSVOA_D
ClientSampleId :

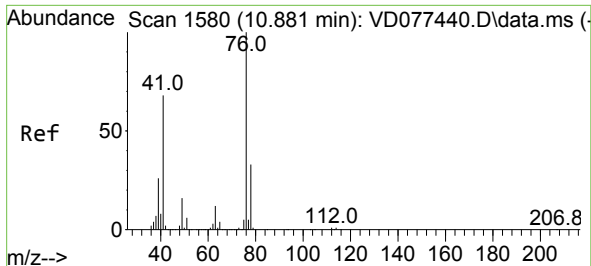
Tgt Ion:	97	Resp:	24336
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.6
85	56.2	45.7	68.5
99	64.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 21.443 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:	69	Resp:	18495
Ion	Ratio	Lower	Upper
69	100		
41	57.8	39.1	58.7
39	33.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 23.658 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

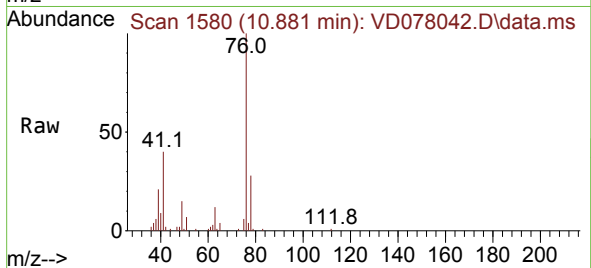
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

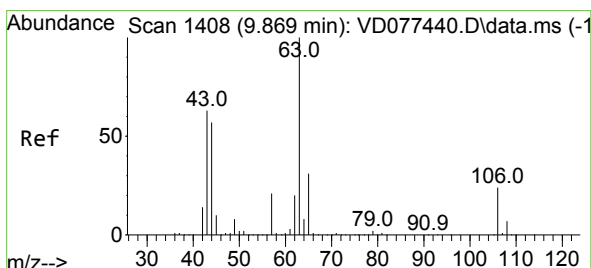
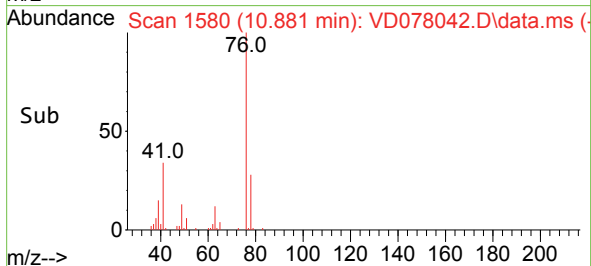
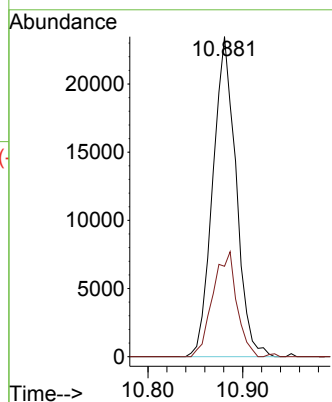


Tgt Ion: 76 Resp: 39900

Ion Ratio Lower Upper

76 100

78 33.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.387 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078042.D

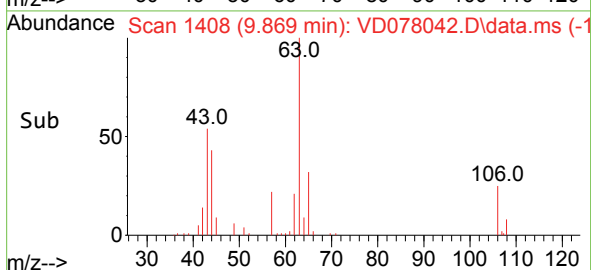
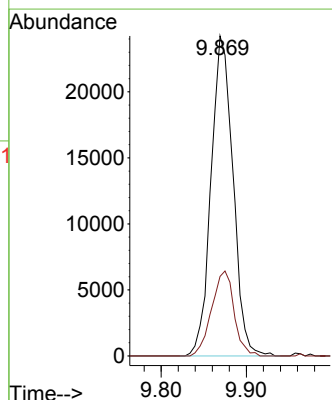
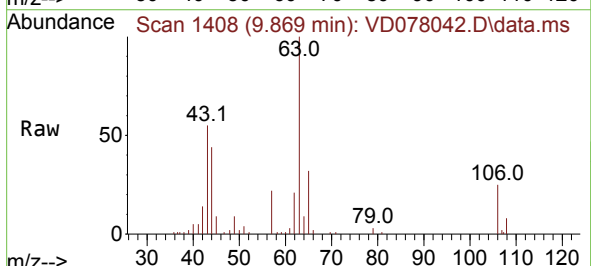
Acq: 22 Dec 2023 00:43

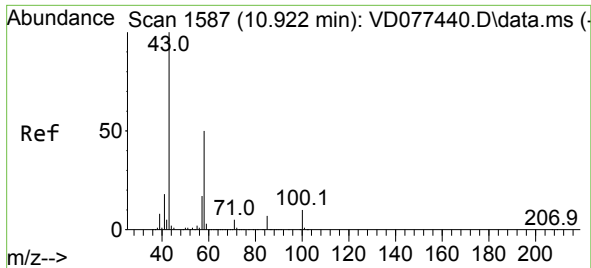
Tgt Ion: 63 Resp: 43475

Ion Ratio Lower Upper

63 100

106 27.1 25.3 37.9

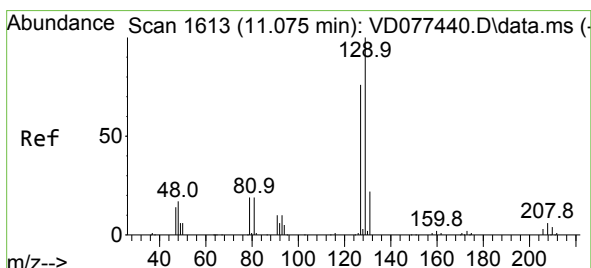
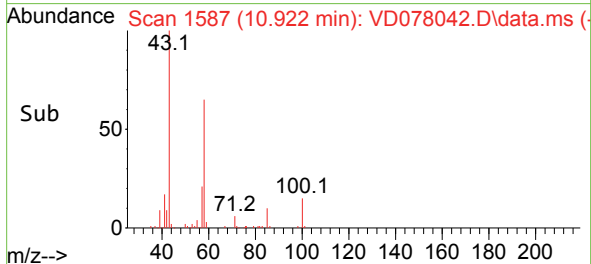
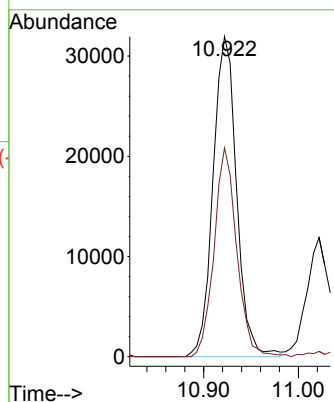
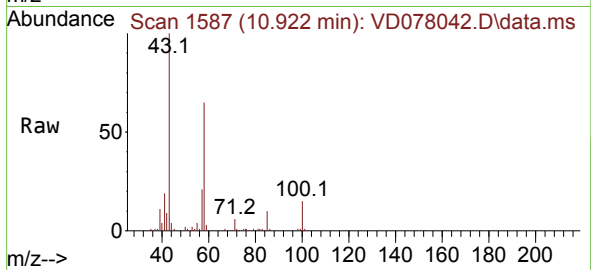




#59
2-Hexanone
Concen: 95.901 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

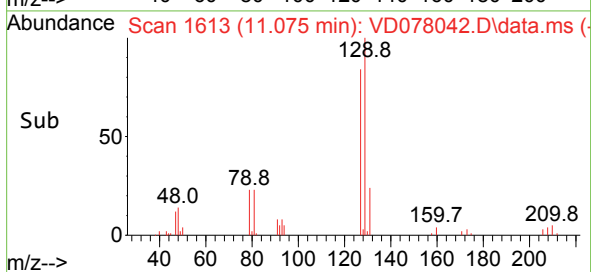
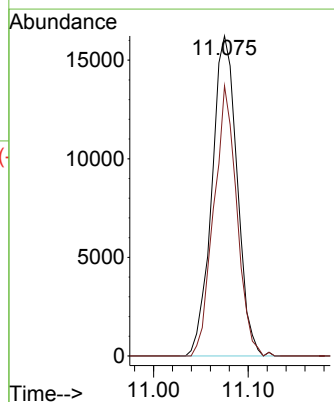
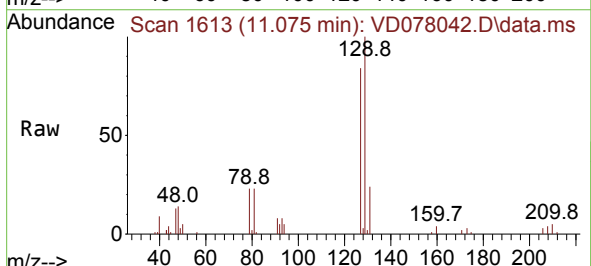
Instrument :
MSVOA_D
ClientSampleId :

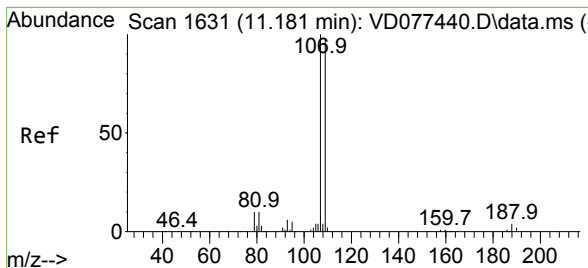
Tgt Ion: 43 Resp: 55148
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2



#60
Dibromochloromethane
Concen: 25.512 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 129 Resp: 30053
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5

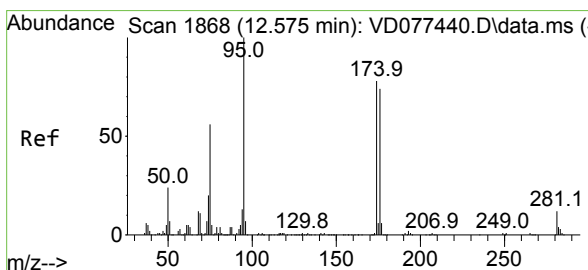
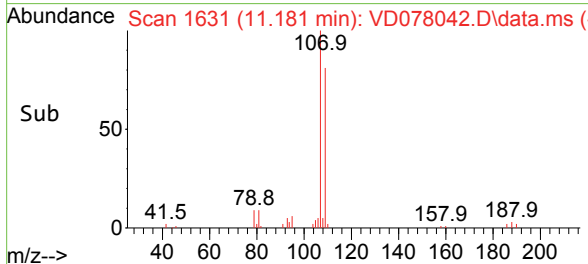
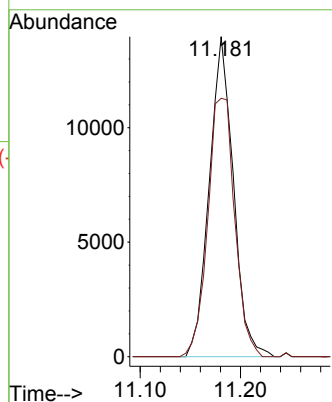
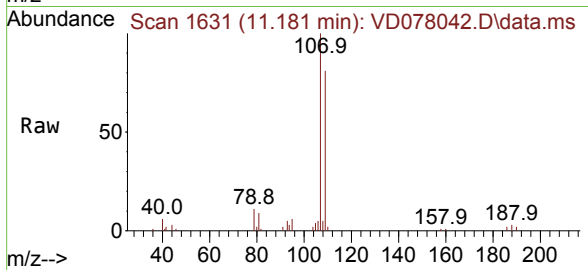




#61
1,2-Dibromoethane
Concen: 25.328 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

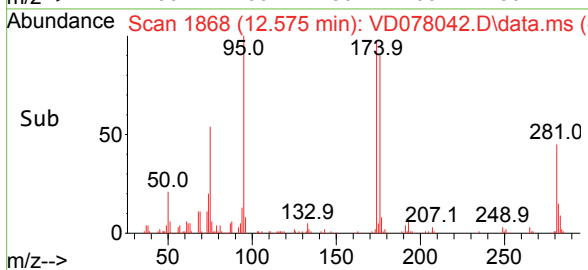
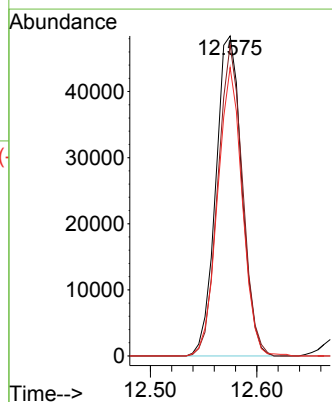
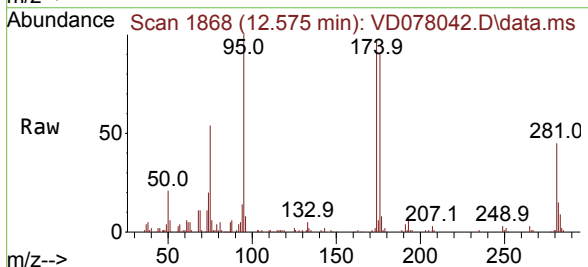
Instrument :
MSVOA_D
ClientSampleId :

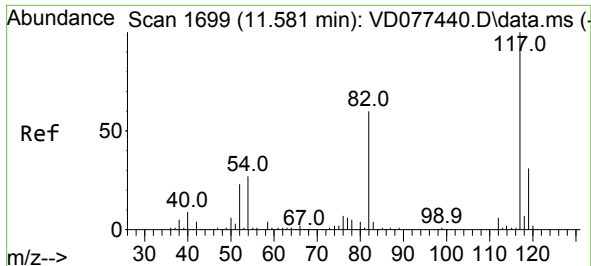
Tgt Ion:107 Resp: 23328
Ion Ratio Lower Upper
107 100
109 90.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.789 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 95 Resp: 81831
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 85.6 0.0 191.8

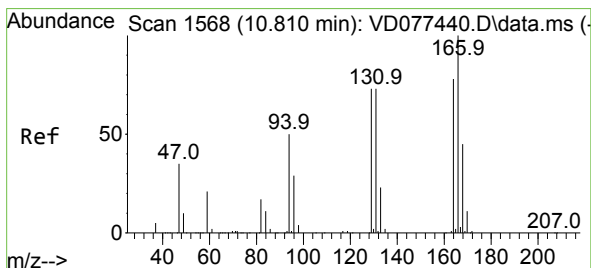
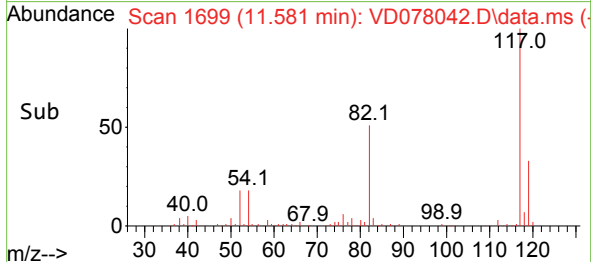
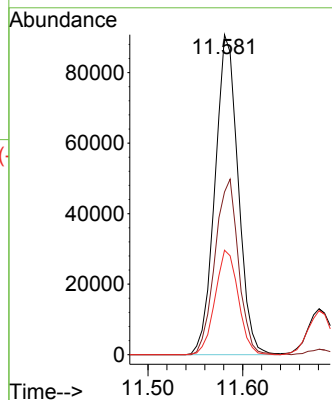
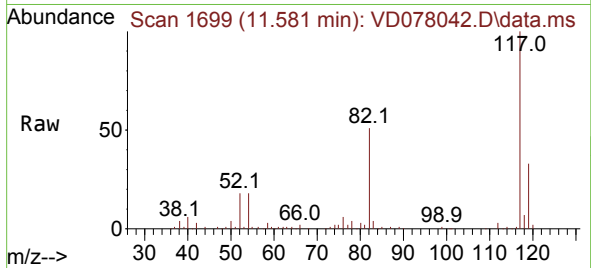




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

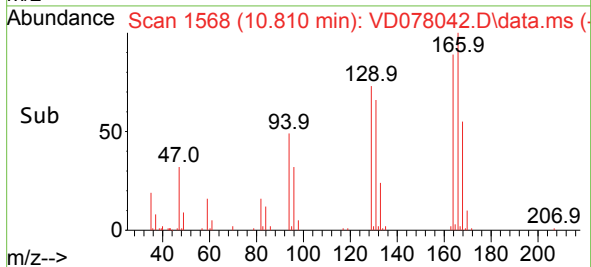
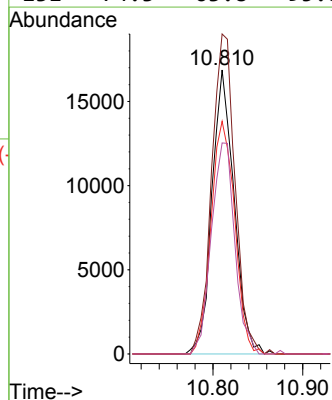
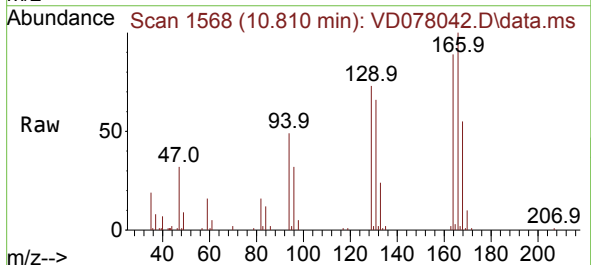
Instrument :
MSVOA_D
ClientSampleId :

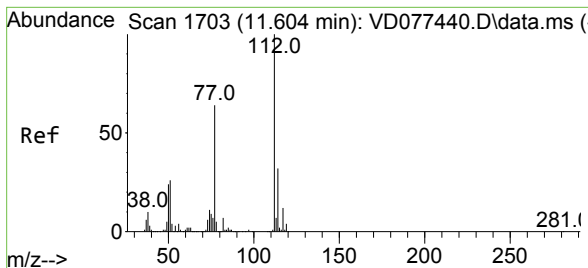
Tgt Ion:117 Resp: 154110
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 25.398 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:164 Resp: 28768
Ion Ratio Lower Upper
164 100
166 112.7 99.2 148.8
129 81.9 68.4 102.6
131 74.3 63.8 95.8





#65

Chlorobenzene

Concen: 23.529 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

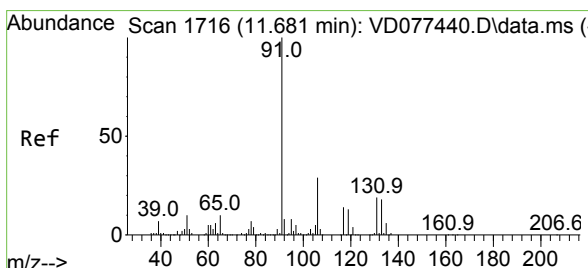
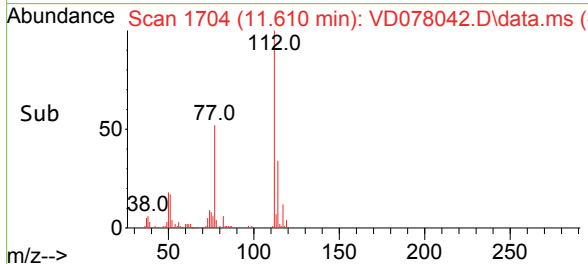
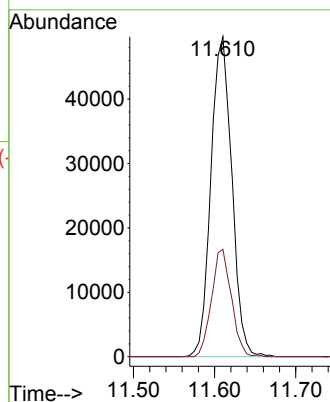
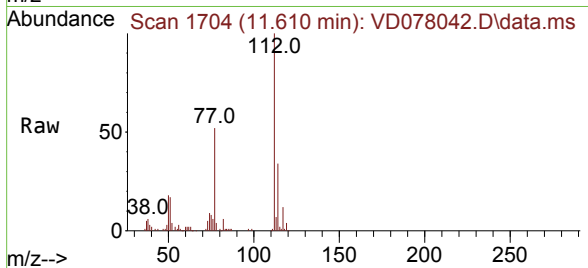
ClientSampleId :

Tgt Ion:112 Resp: 89049

Ion Ratio Lower Upper

112 100

114 33.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 25.097 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

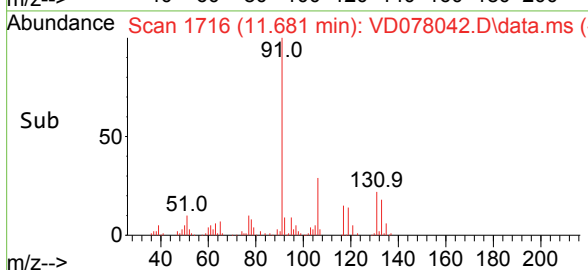
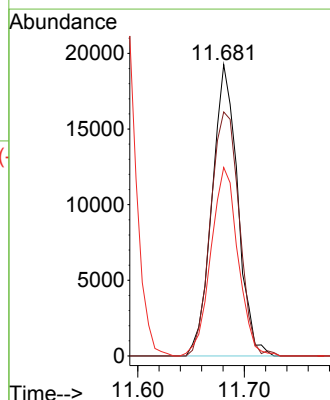
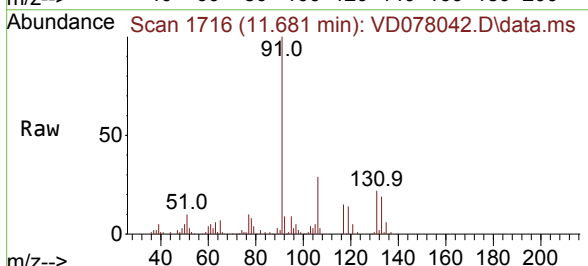
Tgt Ion:131 Resp: 32163

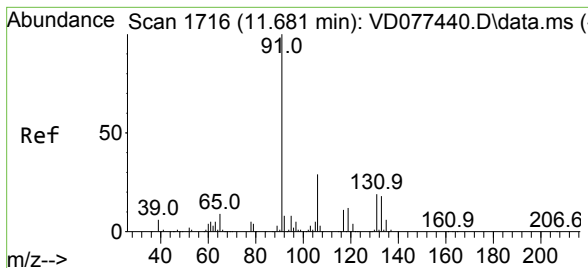
Ion Ratio Lower Upper

131 100

133 93.5 48.5 145.5

119 68.5 35.6 106.9





#67

Ethyl Benzene

Concen: 23.821 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

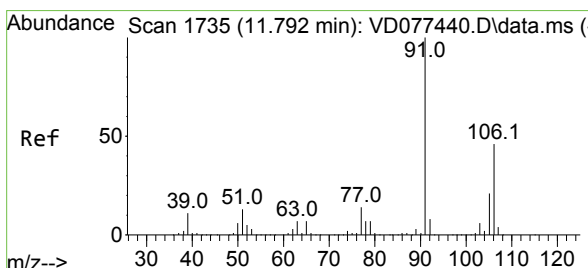
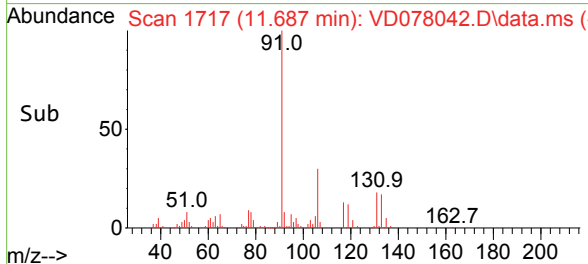
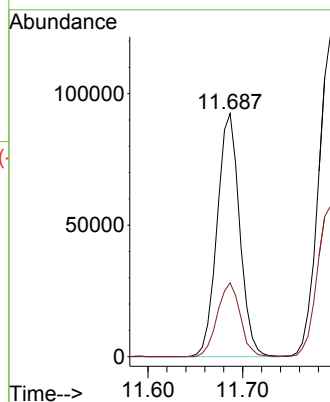
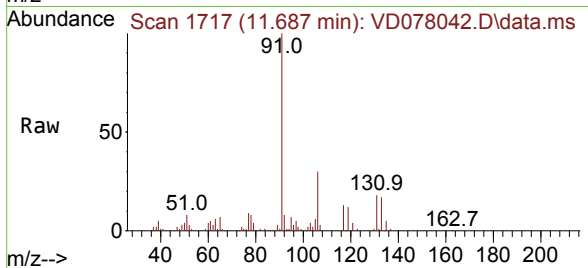
ClientSampleId :

Tgt Ion: 91 Resp: 152839

Ion Ratio Lower Upper

91 100

106 30.3 26.5 39.7



#68

m/p-Xylenes

Concen: 48.693 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD078042.D

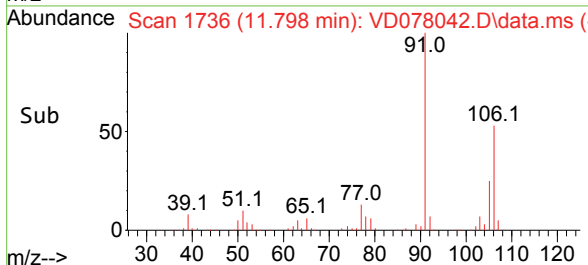
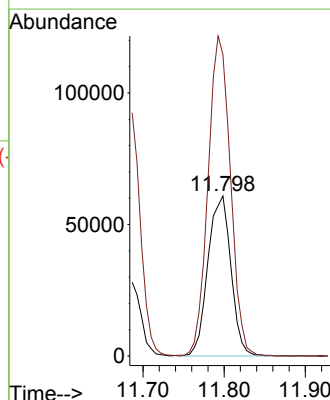
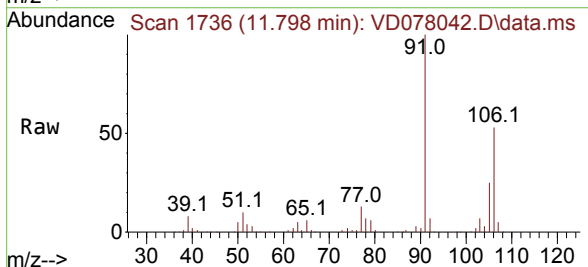
Acq: 22 Dec 2023 00:43

Tgt Ion:106 Resp: 119502

Ion Ratio Lower Upper

106 100

91 195.3 147.0 220.6

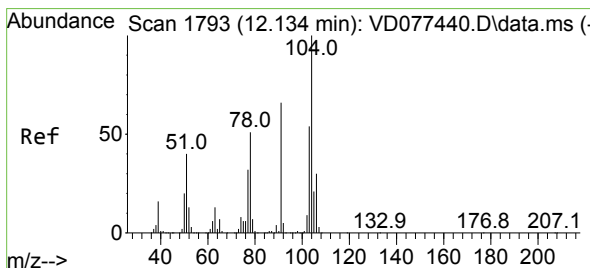
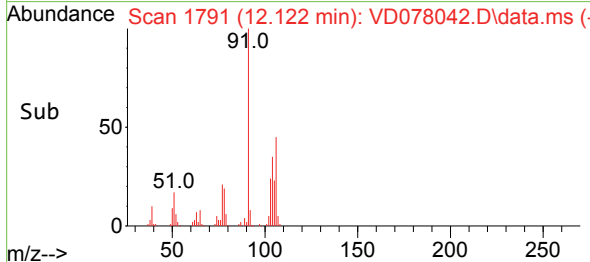
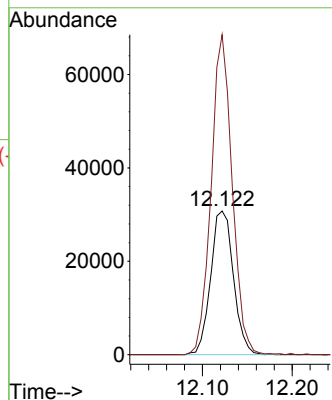
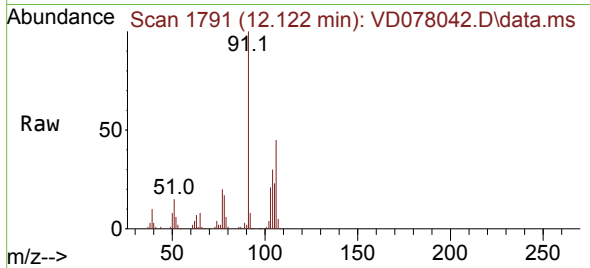




#69
o-Xylene
Concen: 24.006 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

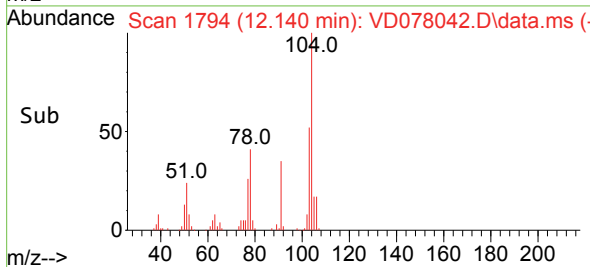
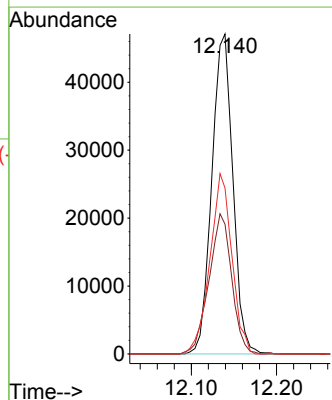
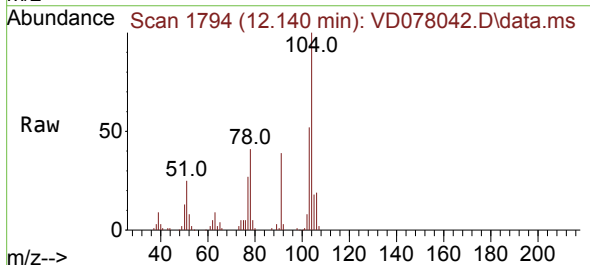
Instrument :
MSVOA_D
ClientSampleId :

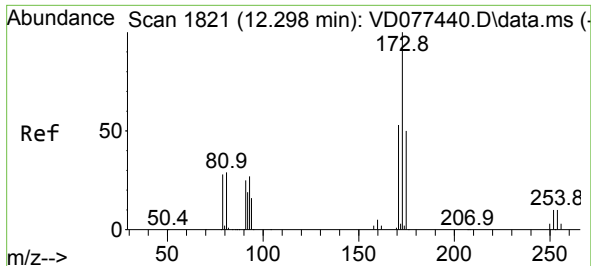
Tgt Ion:106 Resp: 54298
Ion Ratio Lower Upper
106 100
91 205.6 97.9 293.6



#70
Styrene
Concen: 24.060 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:104 Resp: 80919
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 58.9 43.6 65.4

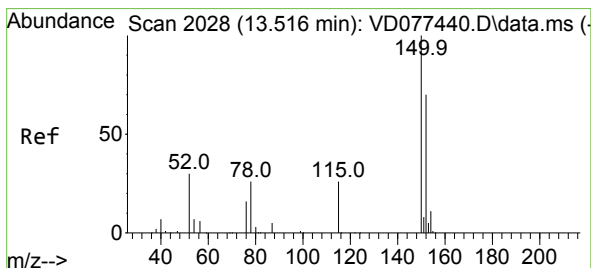
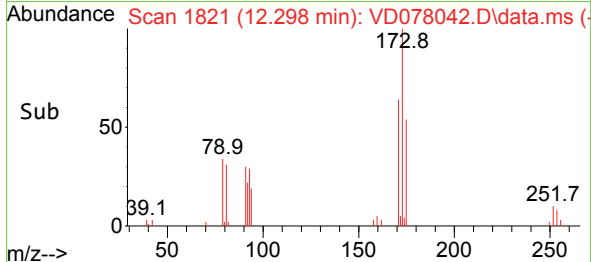
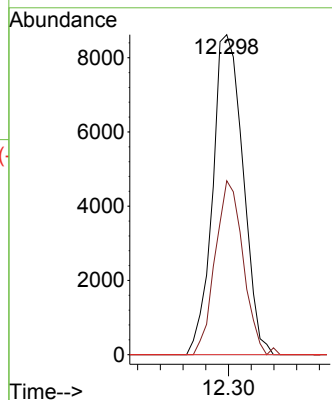
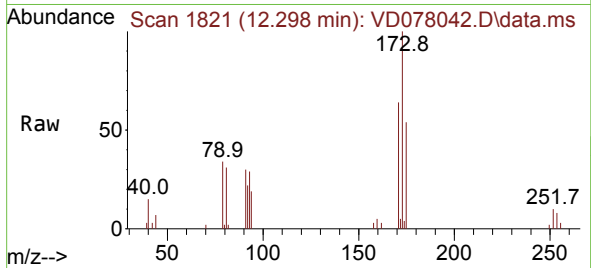




#71
Bromoform
Concen: 23.925 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

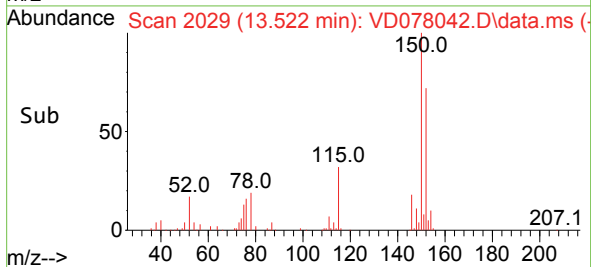
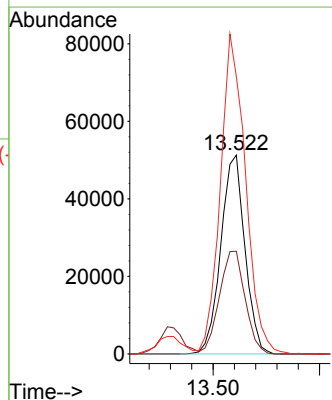
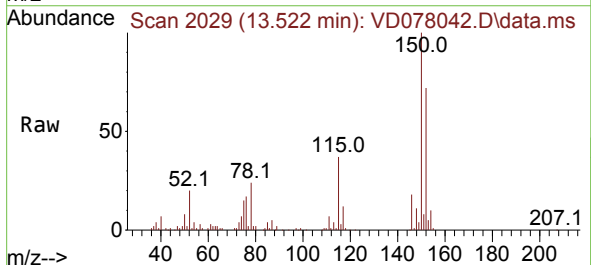
Instrument :
MSVOA_D
ClientSampleId :

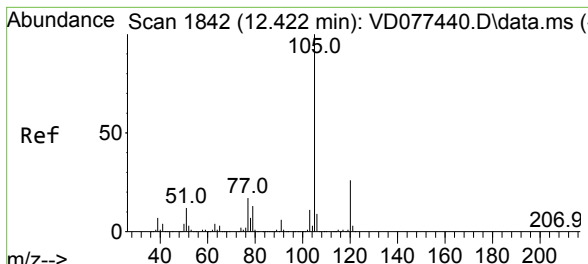
Tgt Ion:173 Resp: 16020
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

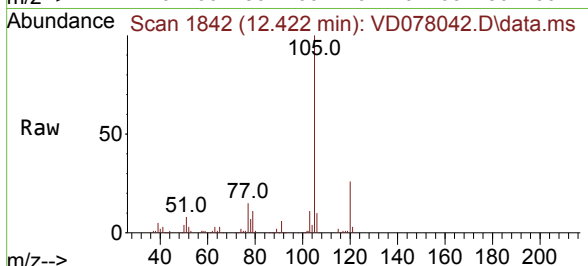
Tgt Ion:152 Resp: 80566
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 168.0 0.0 353.6



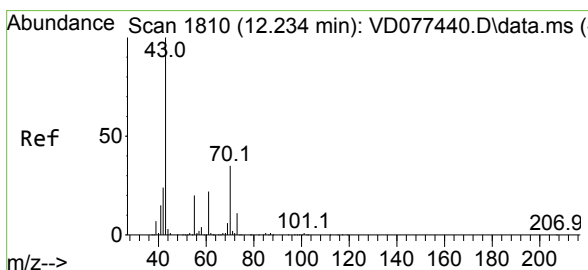
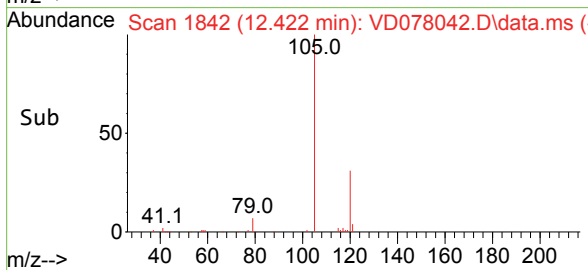
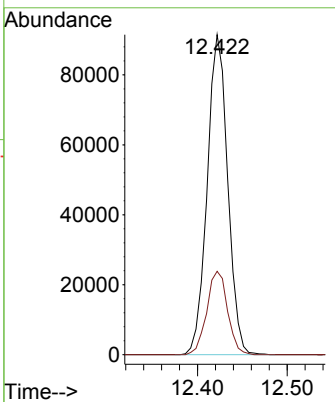


#73
Isopropylbenzene
Concen: 23.761 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :

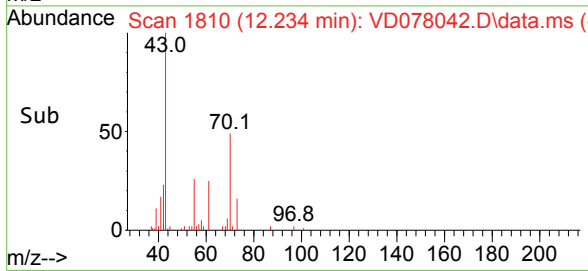
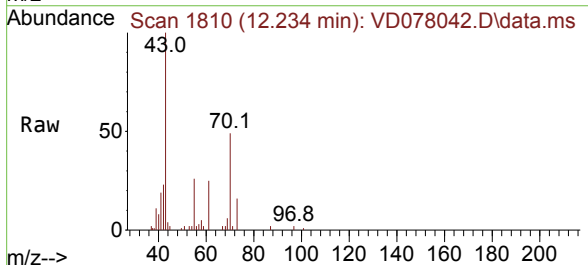
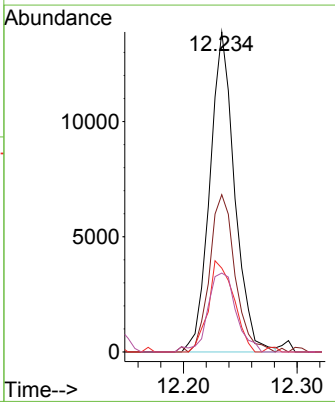


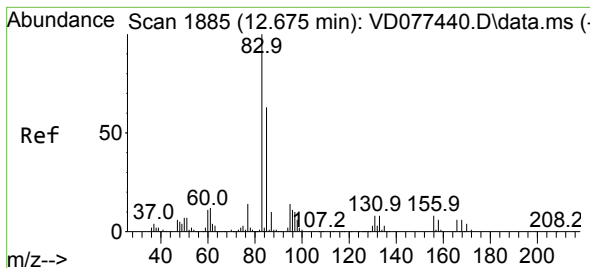
Tgt Ion:	105	Resp:	145091
Ion Ratio	Lower	Upper	
105	100		
120	26.4	14.3	42.9



#74
N-ethyl acetate
Concen: 17.621 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:	43	Resp:	21151
Ion Ratio	Lower	Upper	
43	100		
70	50.5	45.0	67.4
55	29.1	23.8	35.6
61	28.1	22.1	33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 25.690 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

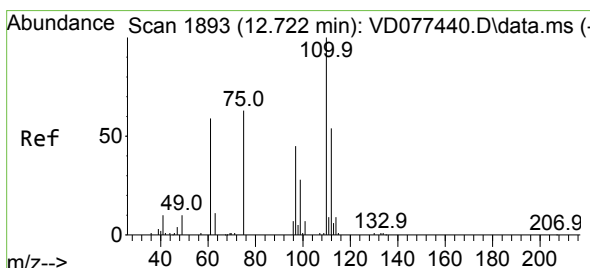
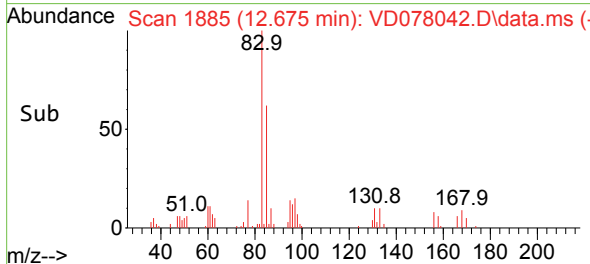
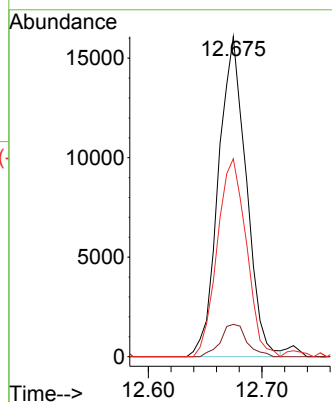
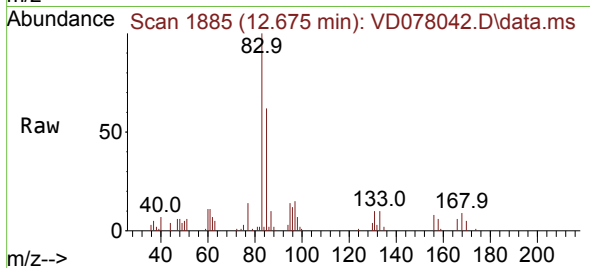
Tgt Ion: 83 Resp: 27352

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 64.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 46.101 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078042.D

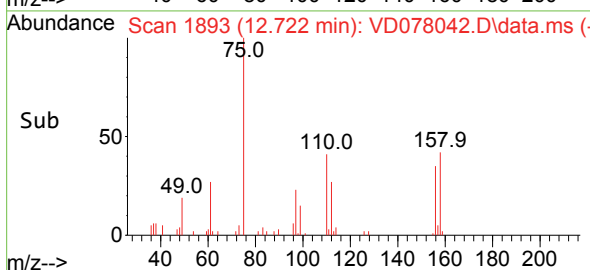
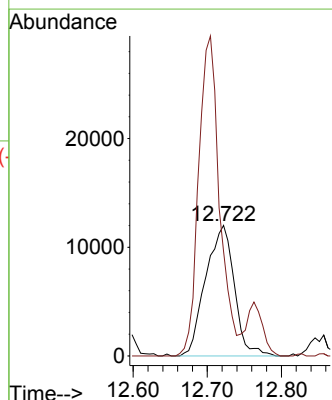
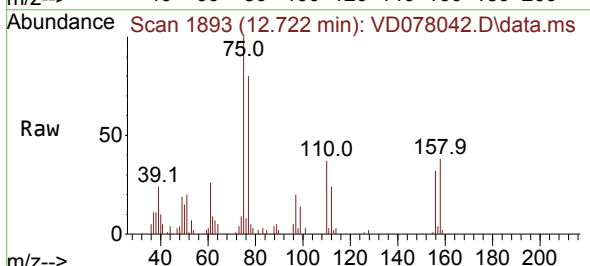
Acq: 22 Dec 2023 00:43

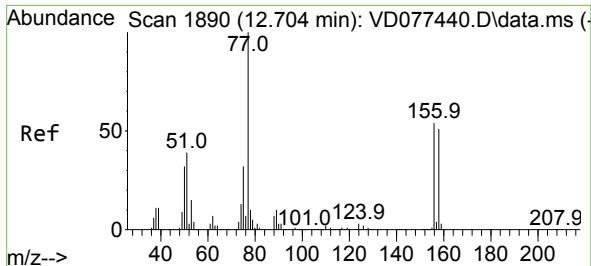
Tgt Ion: 75 Resp: 32258

Ion Ratio Lower Upper

75 100

77 178.2 0.0 0.0#

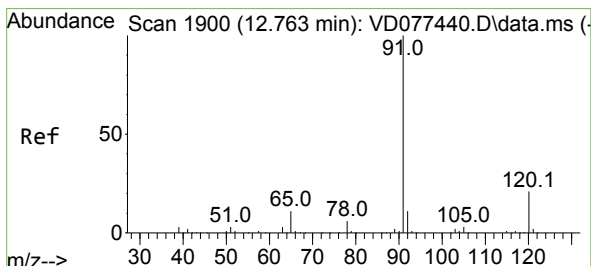
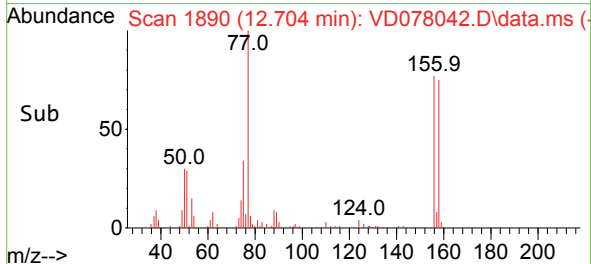
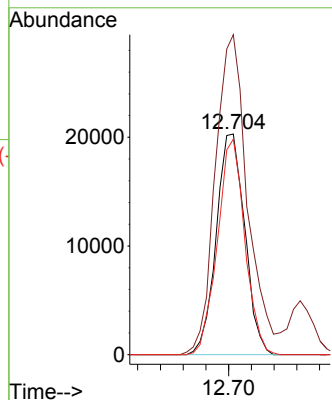
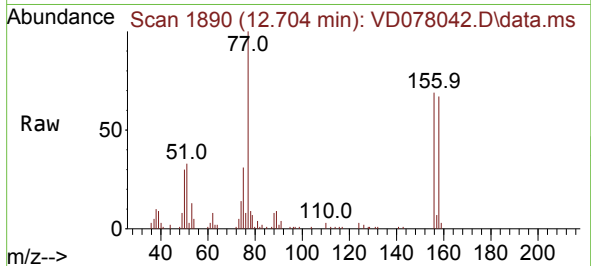




#77
Bromobenzene
Concen: 24.652 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

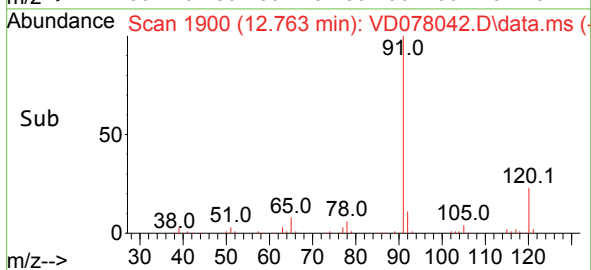
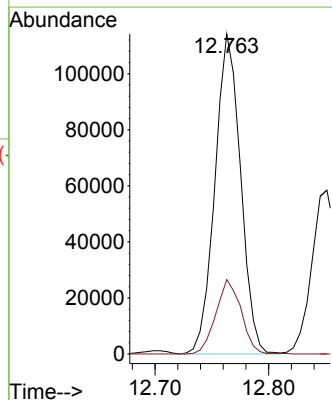
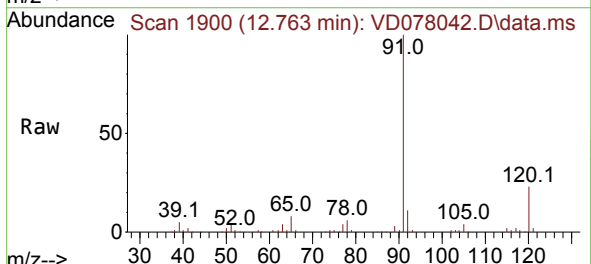
Instrument :
MSVOA_D
ClientSampleId :

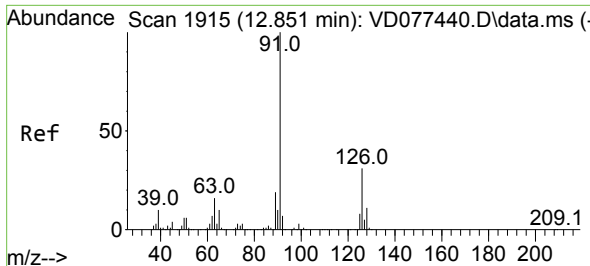
Tgt Ion:156 Resp: 35407
Ion Ratio Lower Upper
156 100
77 162.4 76.8 230.4
158 93.9 48.6 145.9



#78
n-propylbenzene
Concen: 24.063 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 91 Resp: 179042
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

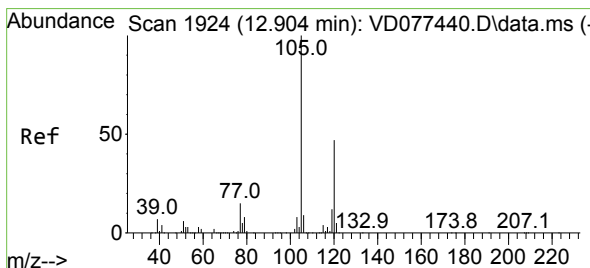
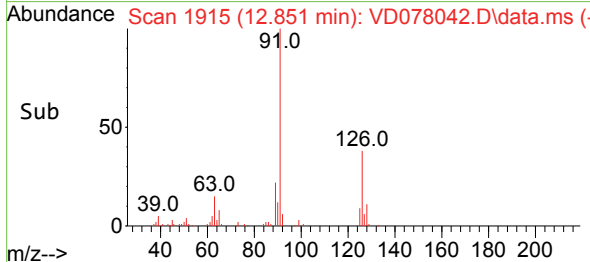
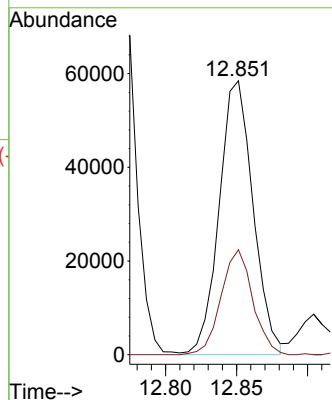
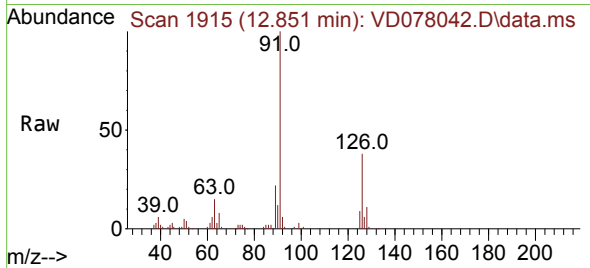




#79
2-Chlorotoluene
Concen: 24.362 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

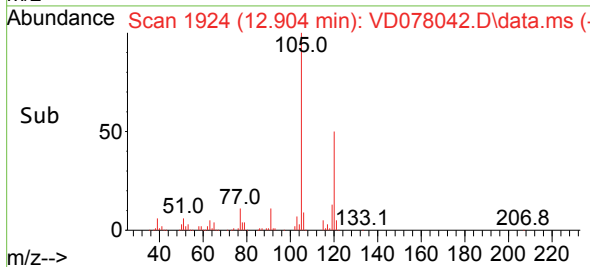
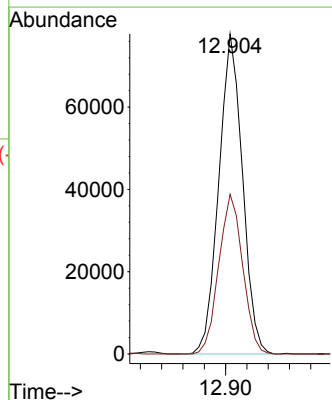
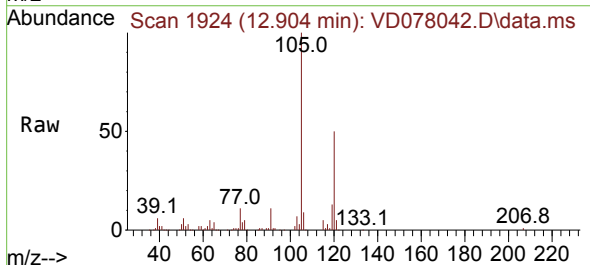
Instrument :
MSVOA_D
ClientSampleId :

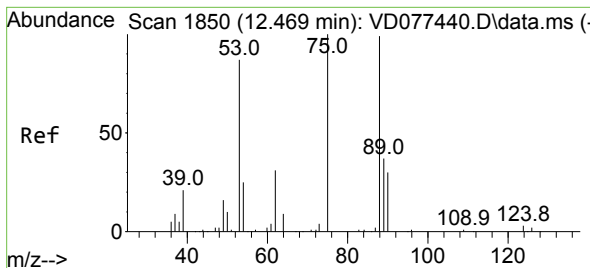
Tgt Ion: 91 Resp: 97142
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 23.494 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:105 Resp: 119650
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2

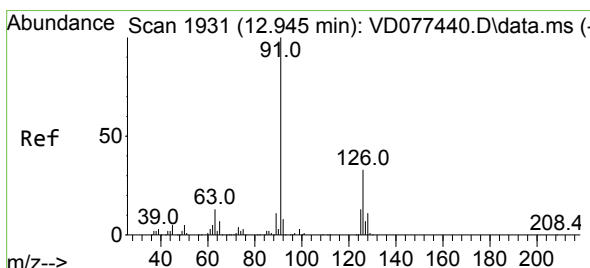
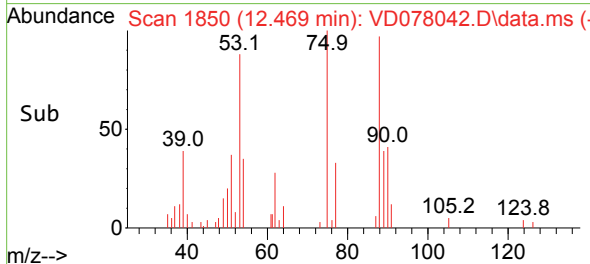
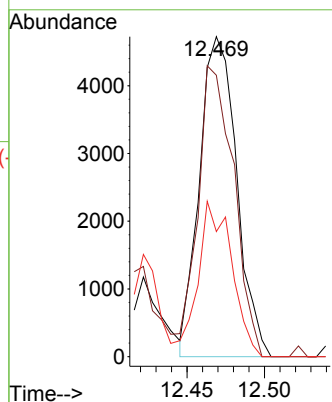
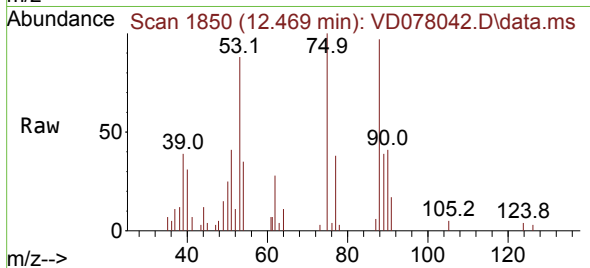




#81
trans-1,4-Dichloro-2-butene
Concen: 22.823 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

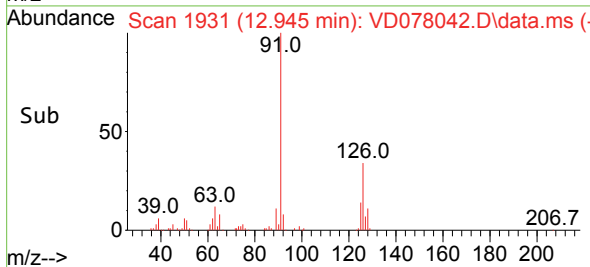
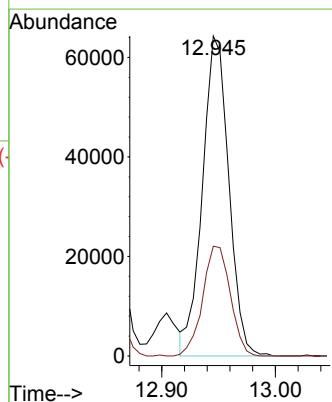
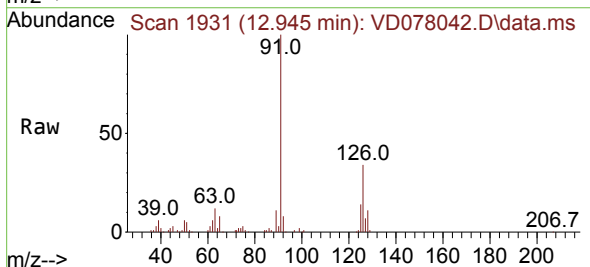
Instrument :
MSVOA_D
ClientSampleId :

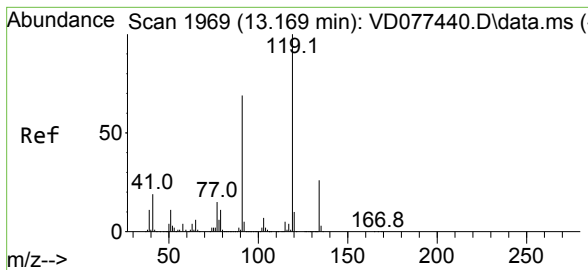
Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.3	63.0	94.4
89	44.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 24.853 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	19.4	58.4

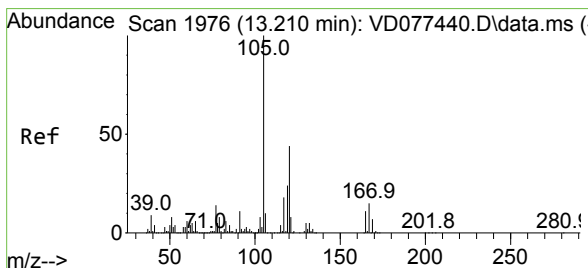
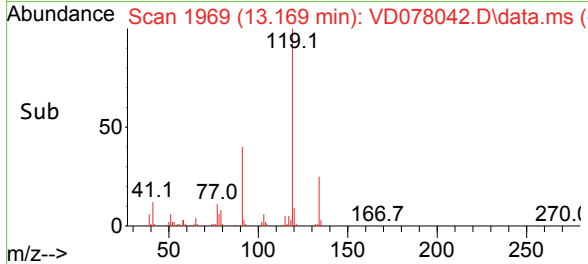
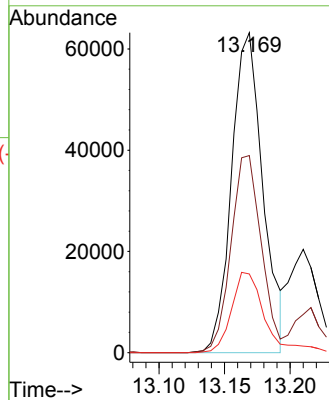
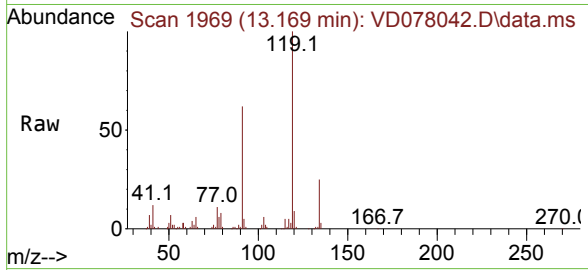




#83
tert-Butylbenzene
Concen: 24.485 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

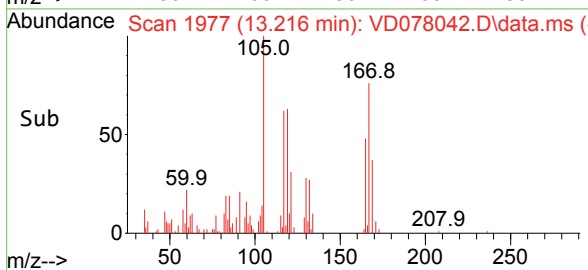
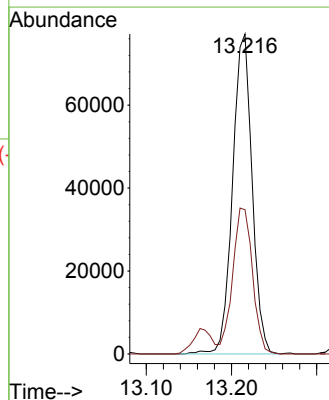
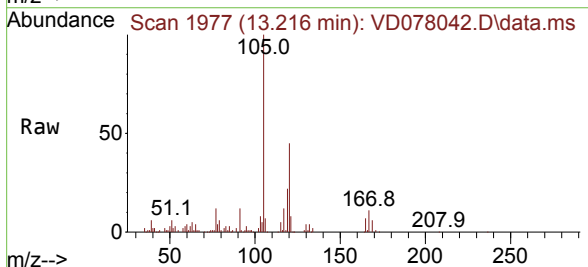
Instrument :
MSVOA_D
ClientSampleId :

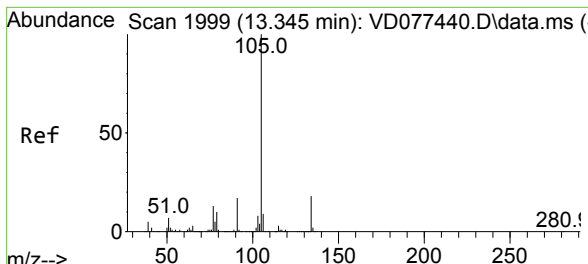
Tgt Ion:119 Resp: 105274
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 24.087 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:105 Resp: 122694
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9

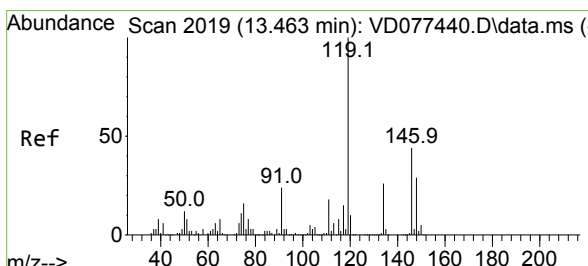
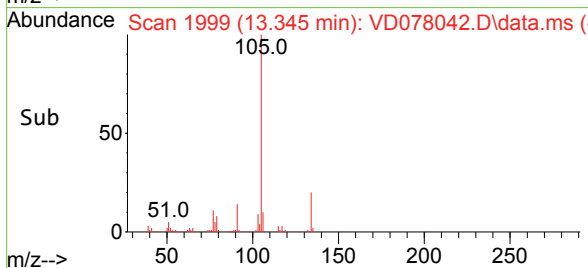
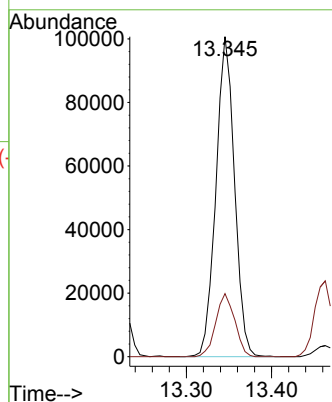
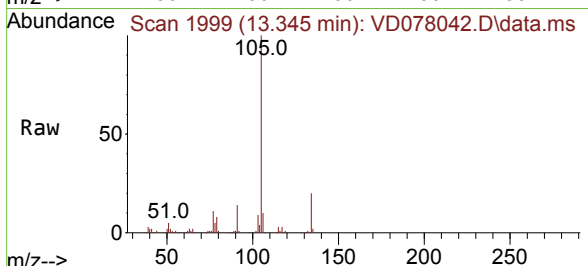




#85
 sec-Butylbenzene
 Concen: 24.018 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

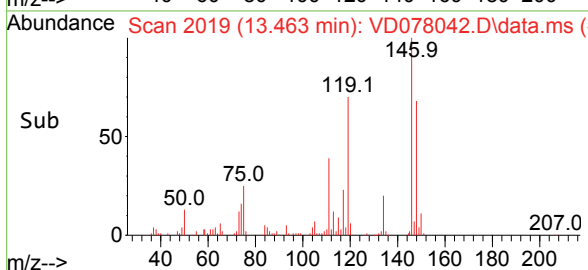
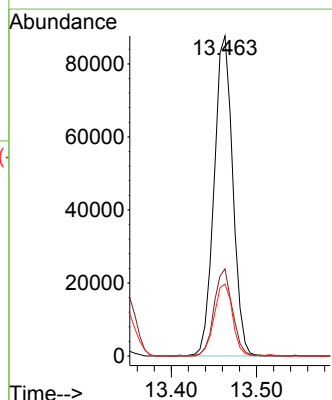
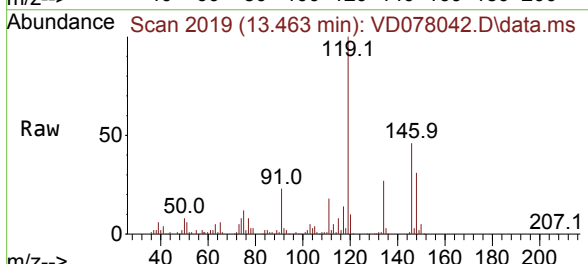
Instrument :
 MSVOA_D
 ClientSampleId :

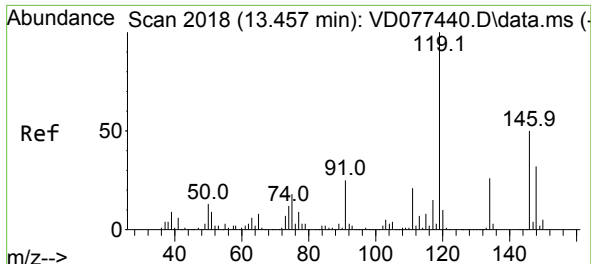
Tgt Ion:105 Resp: 152640
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 23.418 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

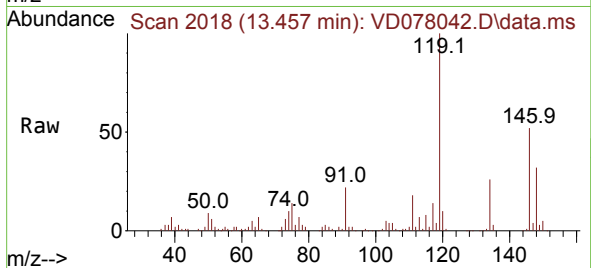
Tgt Ion:119 Resp: 133249
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 22.3 10.5 31.5



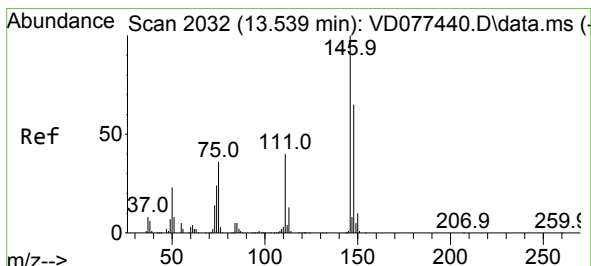
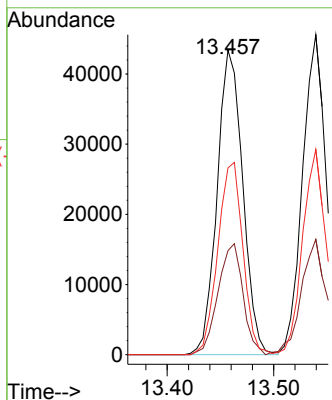
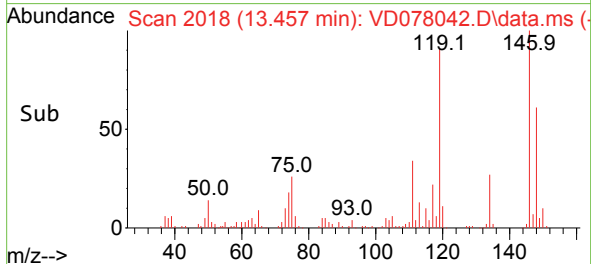


#87
1,3-Dichlorobenzene
Concen: 24.714 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

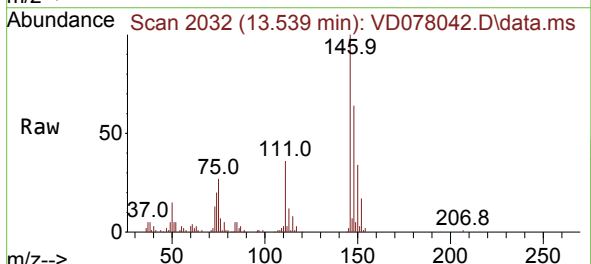
Instrument :
MSVOA_D
ClientSampleId :



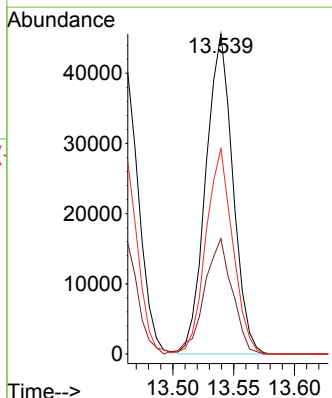
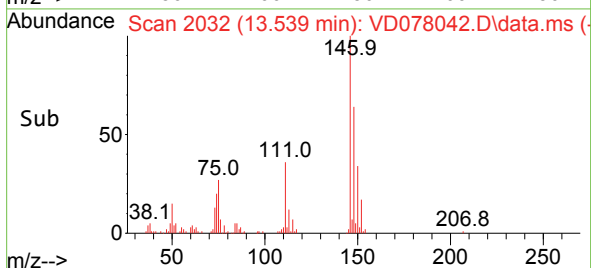
Tgt Ion:146 Resp: 72588
Ion Ratio Lower Upper
146 100
111 35.5 17.9 53.8
148 61.7 32.3 96.8

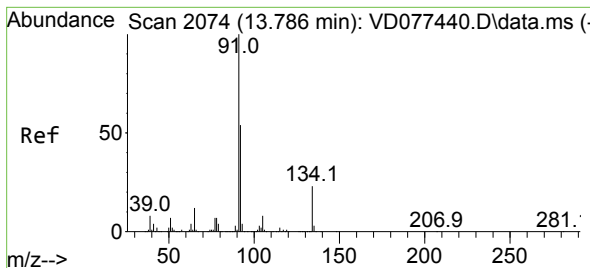


#88
1,4-Dichlorobenzene
Concen: 23.200 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion:146 Resp: 70535
Ion Ratio Lower Upper
146 100
111 37.3 17.4 52.3
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 23.512 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

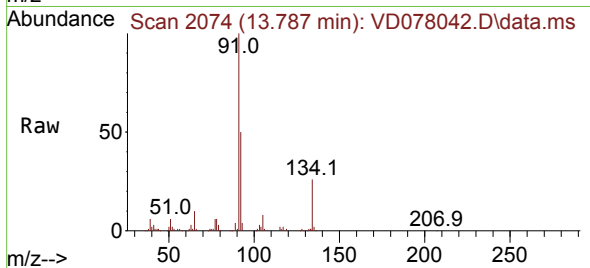
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :



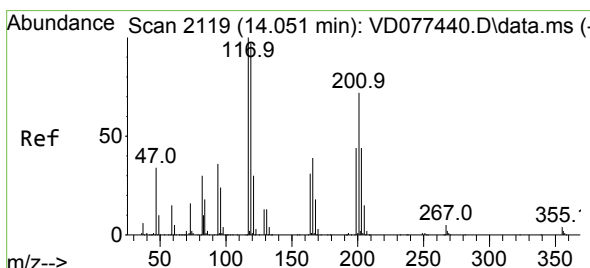
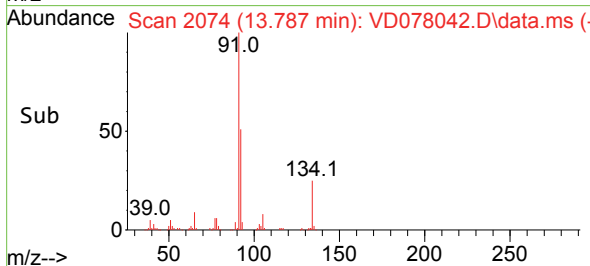
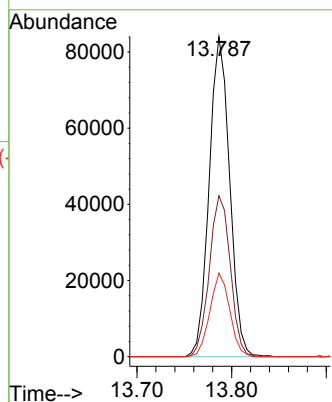
Tgt Ion: 91 Resp: 125888

Ion Ratio Lower Upper

91 100

92 51.5 26.5 79.5

134 25.3 13.8 41.3



#90

Hexachloroethane

Concen: 25.822 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078042.D

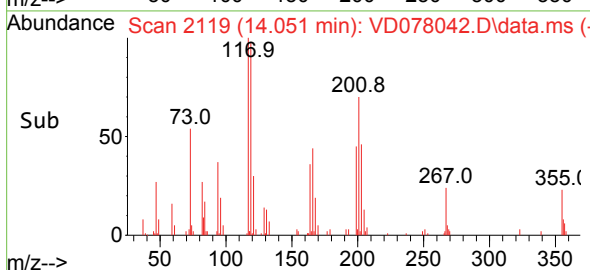
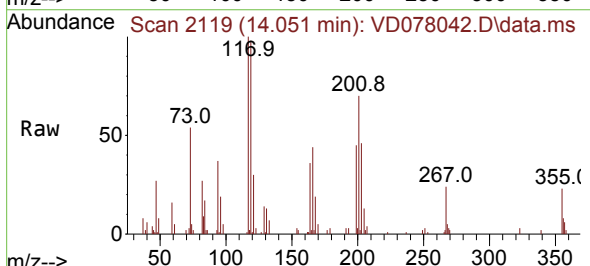
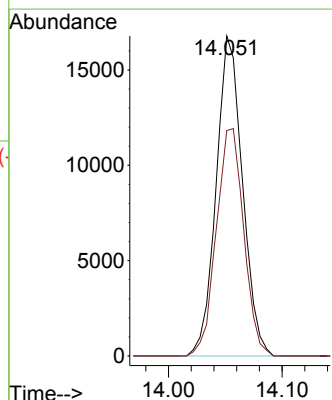
Acq: 22 Dec 2023 00:43

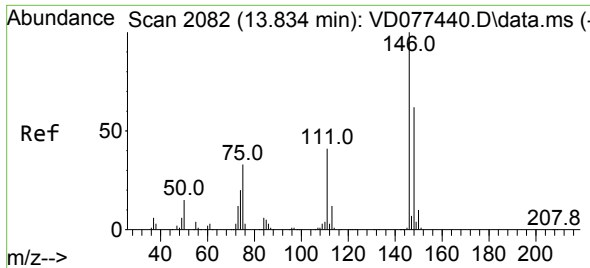
Tgt Ion: 117 Resp: 27021

Ion Ratio Lower Upper

117 100

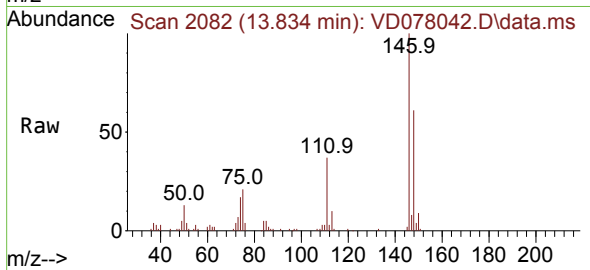
201 74.1 38.5 115.5



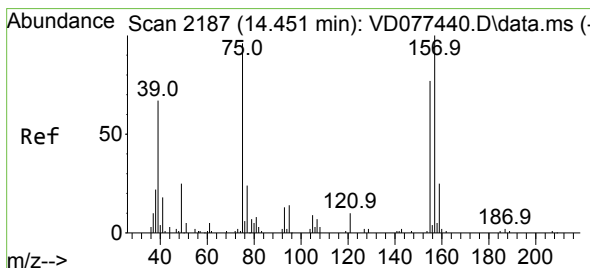
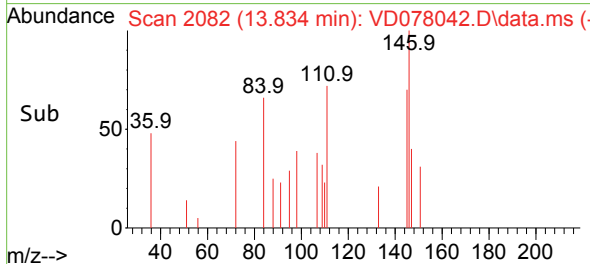
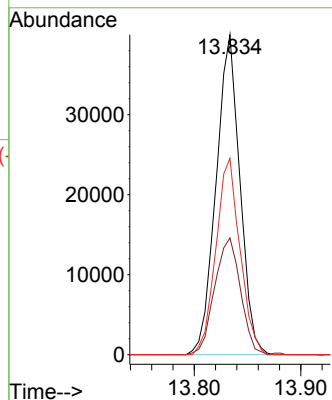


#91
1,2-Dichlorobenzene
Concen: 24.851 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :

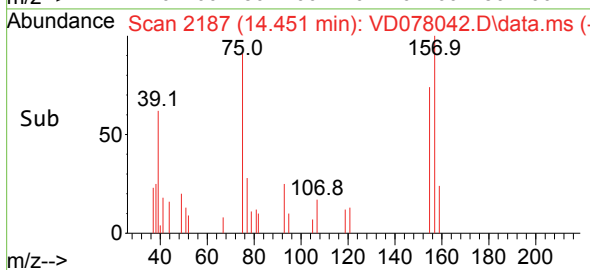
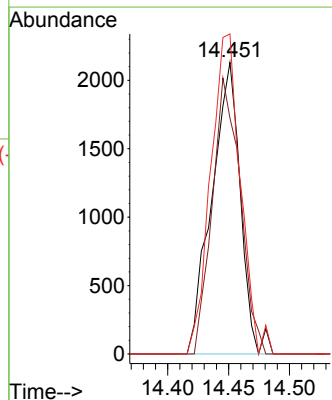
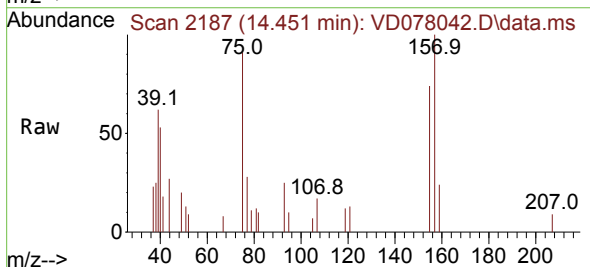


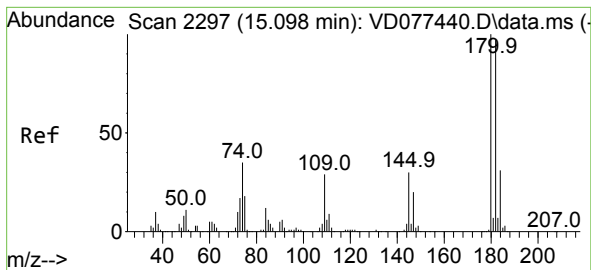
Tgt Ion:146 Resp: 62077
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 62.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.075 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 75 Resp: 3489
Ion Ratio Lower Upper
75 100
155 92.6 47.9 143.8
157 114.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.971 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

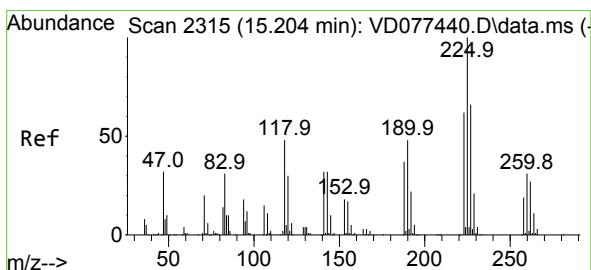
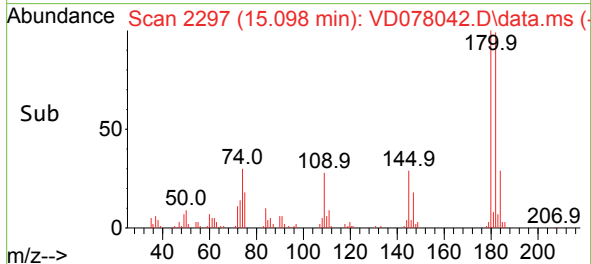
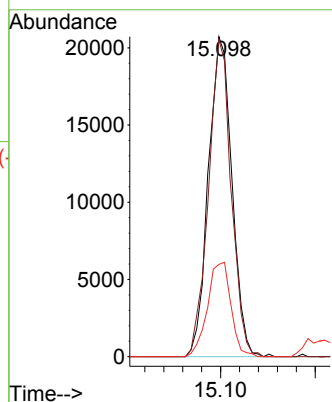
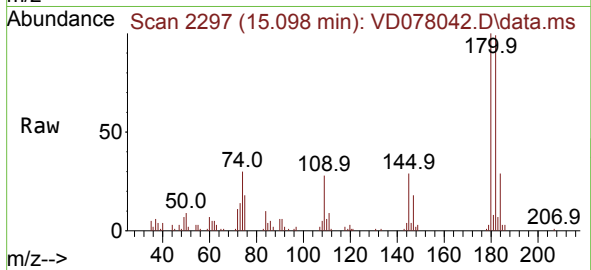
Tgt Ion:180 Resp: 35781

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.054 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

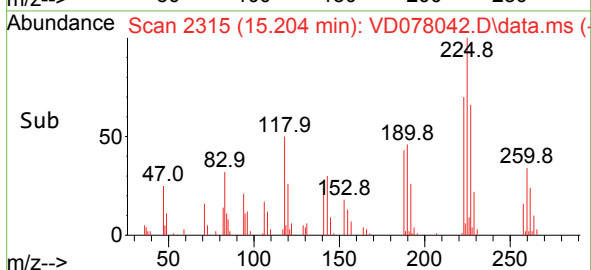
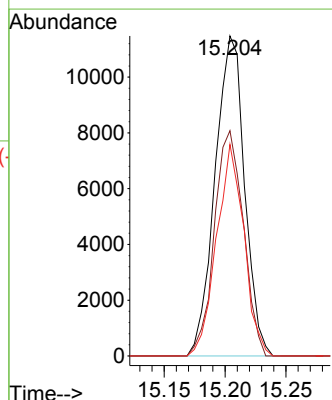
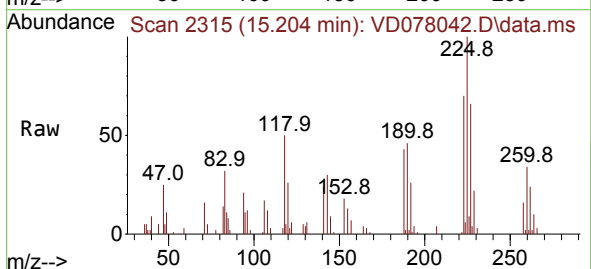
Tgt Ion:225 Resp: 19371

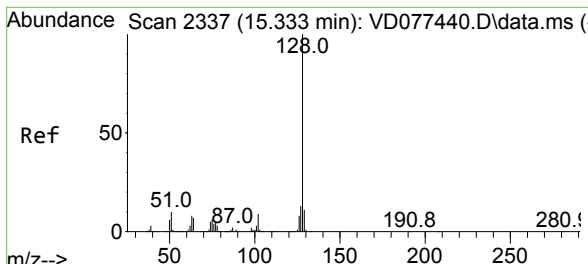
Ion Ratio Lower Upper

225 100

223 69.0 31.6 94.8

227 61.1 31.7 95.1

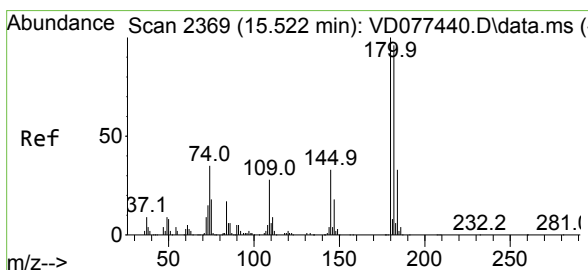
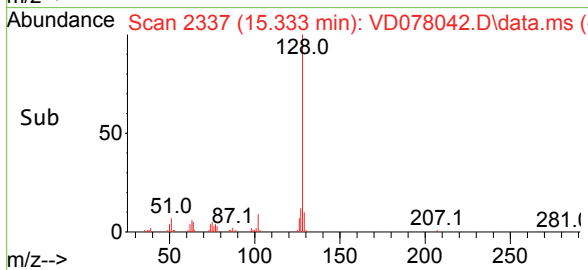
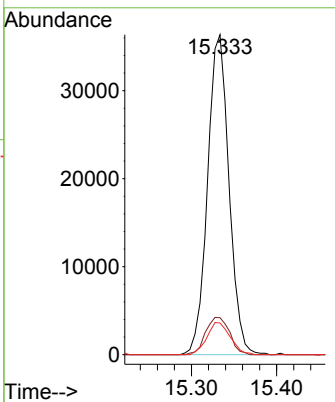
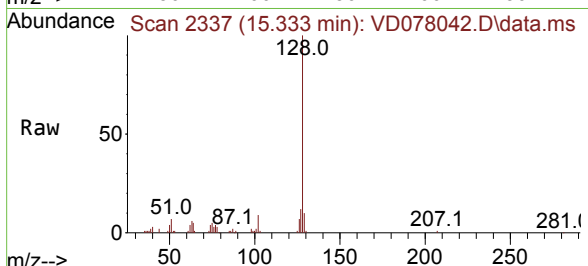




#95
 Naphthalene
 Concen: 22.458 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	63666
Ion Ratio	Lower	Upper	
128	100		
127	11.6	10.5	15.7
129	9.9	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 21.012 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Tgt Ion:	180	Resp:	29556
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.3	141.9
145	32.2	15.1	45.3

