

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078810.D
 Acq On : 11 Apr 2024 12:38
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 06:45:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	249132	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	249785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129908	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	336296	49.003	ug/L	0.00
7) Chloroethane-d5	2.799	69	327194	50.613	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	64958	51.535	ug/L	0.00
21) 2-Butanone-d5	6.987	46	76600	118.061	ug/L	0.00
24) Chloroform-d	7.569	84	341896	56.214	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	175973	56.949	ug/L	0.00
32) Benzene-d6	8.204	84	718507	56.451	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	205808	56.193	ug/L	0.00
41) Toluene-d8	10.269	98	705290	58.759	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	97018	58.040	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	73631	124.440	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	198345	57.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	257052	58.016	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	157045	43.804	ug/L	98
3) Chloromethane	2.152	50	227323	44.256	ug/L	98
5) Vinyl chloride	2.281	62	354165	45.854	ug/L	98
6) Bromomethane	2.693	94	262242	46.716	ug/L	100
8) Chloroethane	2.840	64	251996	44.716	ug/L	94
9) Trichlorofluoromethane	3.175	101	255194	45.166	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	163851	44.851	ug/L #	89
12) 1,1-Dichloroethene	3.940	96	152086	46.695	ug/L	87
13) Acetone	4.022	43	86407	102.681	ug/L	98
14) Carbon disulfide	4.269	76	509384	45.936	ug/L	99
15) Methyl Acetate	4.563	43	61653	49.477	ug/L	97
16) Methylene chloride	4.805	84	173990	40.307	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	170193	46.739	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	354002	50.817	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	262768	45.294	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	187768	47.432	ug/L	94
22) 2-Butanone	7.081	43	104591	101.372	ug/L	99
23) Bromochloromethane	7.428	128	89886	46.023	ug/L	97
25) Chloroform	7.593	83	306673	44.859	ug/L	92
27) 1,2-Dichloroethane	8.328	62	180217	46.903	ug/L	99
29) Cyclohexane	7.881	56	213904	50.406	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	254066	45.223	ug/L	99
31) Carbon tetrachloride	7.993	117	231892	46.040	ug/L	99
33) Benzene	8.251	78	689890	48.711	ug/L	100
34) Trichloroethene	9.028	95	173714	45.978	ug/L	99
35) Methylcyclohexane	9.275	83	276358	49.237	ug/L	98
37) 1,2-Dichloropropane	9.304	63	165750	45.642	ug/L	100
38) Bromodichloromethane	9.587	83	227167	45.465	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	279402	50.090	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	170191	102.602	ug/L	98
42) Toluene	10.334	91	784131	50.012	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	243683	49.854	ug/L	95

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

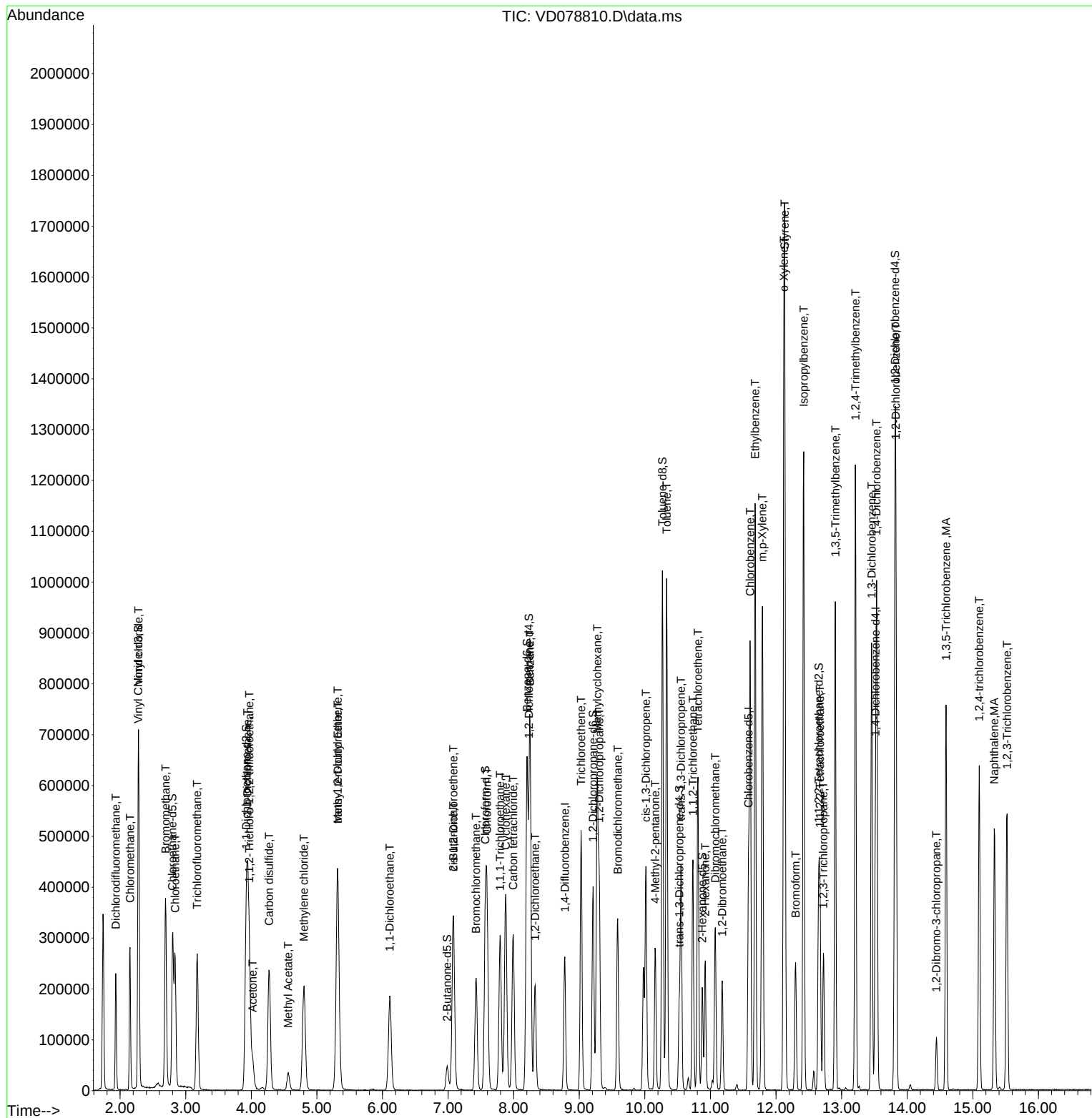
45) 1,1,2-Trichloroethane	10.734	97	147753	46.593	ug/L	97
46) Tetrachloroethene	10.810	164	146817	46.406	ug/L	95
48) 2-Hexanone	10.922	43	146584	112.283	ug/L	98
49) Dibromochloromethane	11.075	129	174689	47.573	ug/L	92
50) 1,2-Dibromoethane	11.181	107	146743	47.617	ug/L #	96
51) Chlorobenzene	11.604	112	502809	47.547	ug/L	98
52) Ethylbenzene	11.681	91	833381	50.553	ug/L	98
53) m,p-Xylene	11.792	106	329448	50.732	ug/L	99
54) o-Xylene	12.122	106	324995	51.774	ug/L	94
55) Styrene	12.134	104	592985	52.711	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	176088	48.101	ug/L	96
59) Bromoform	12.298	173	119481	46.921	ug/L	100
60) Isopropylbenzene	12.422	105	839654	51.076	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	112821	47.052	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	514930	51.670	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	643835	52.647	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	391704	47.874	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	401858	46.443	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	371975	48.260	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	23628	43.282	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	247349	47.010	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	213251	48.060	ug/L	99
71) Naphthalene	15.328	128	459985	53.408	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	199993	49.226	ug/L	98

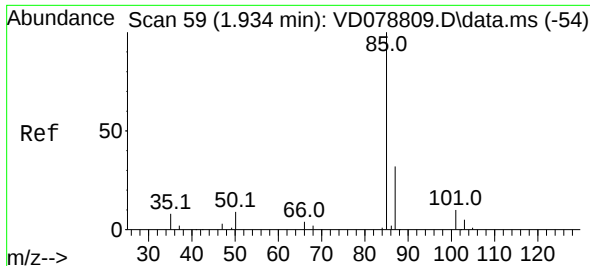
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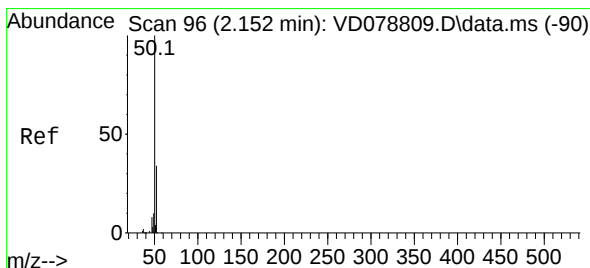
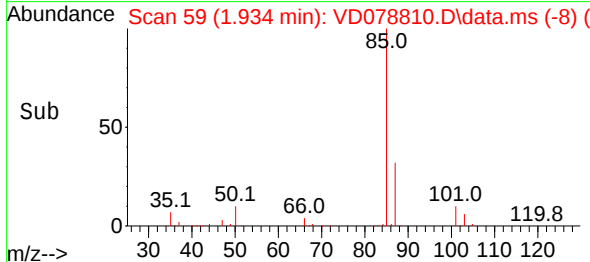
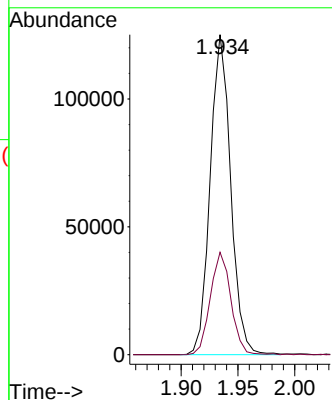
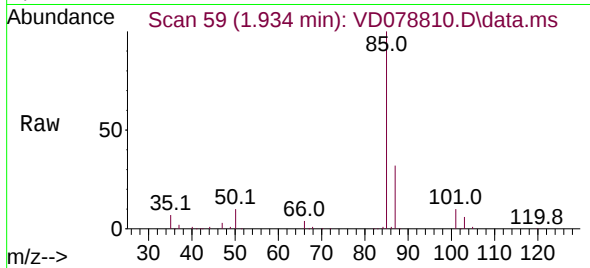




#2
Dichlorodifluoromethane
Concen: 43.804 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

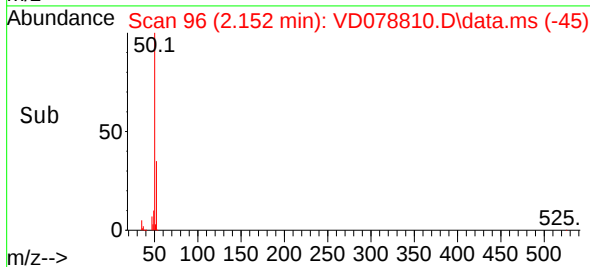
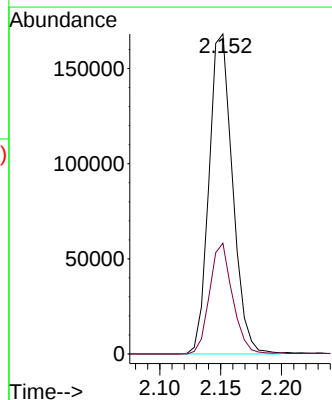
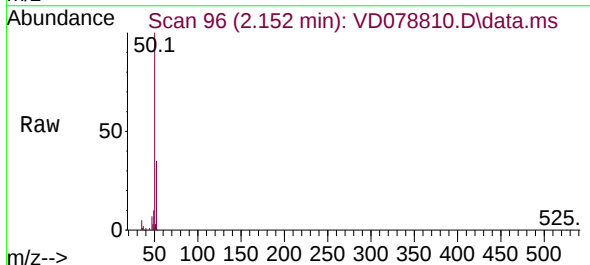
Instrument :
MSVOA_D
ClientSampleId :

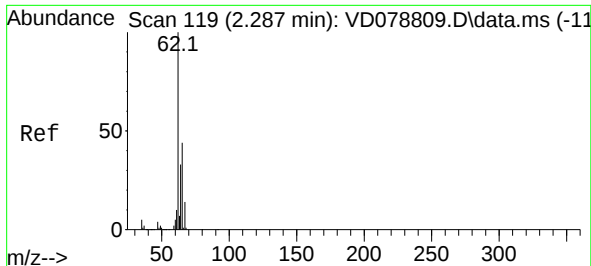
Tgt Ion: 85 Resp: 157045
Ion Ratio Lower Upper
85 100
87 32.1 26.5 39.7



#3
Chloromethane
Concen: 44.256 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion: 50 Resp: 227323
Ion Ratio Lower Upper
50 100
52 34.6 23.6 43.8

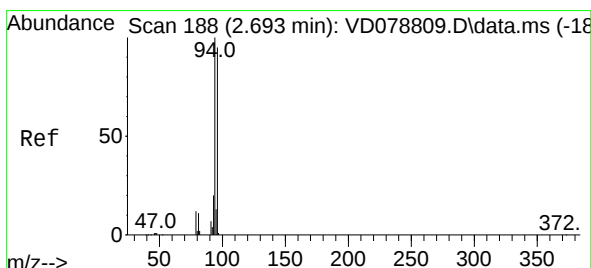
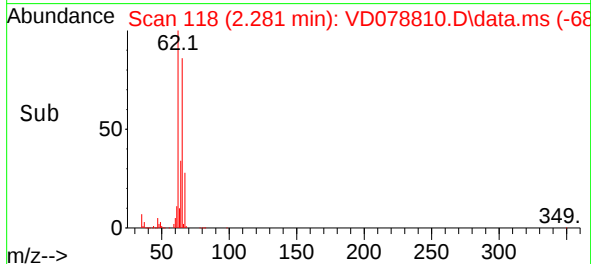
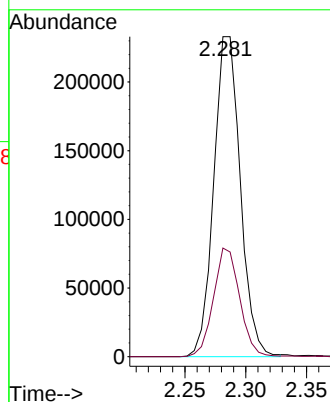
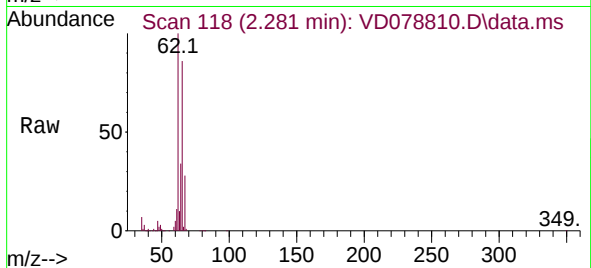




#5
 Vinyl chloride
 Concen: 45.854 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078810.D
 Acq: 11 Apr 2024 12:38

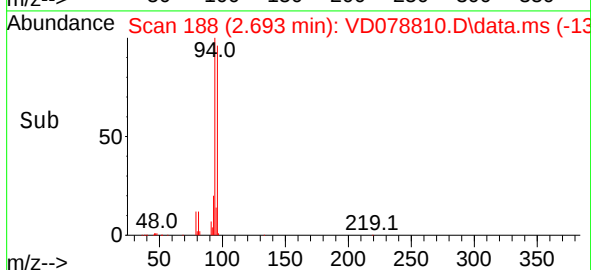
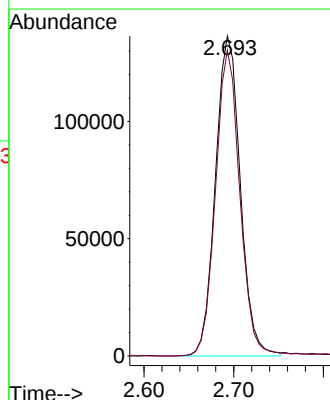
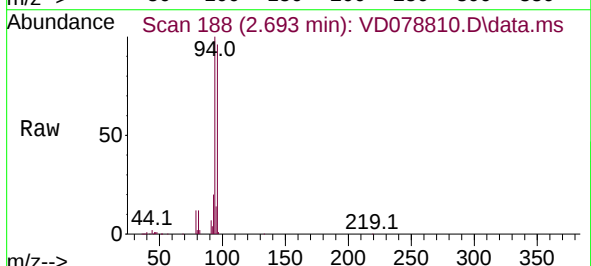
Instrument :
 MSVOA_D
 ClientSampleId :

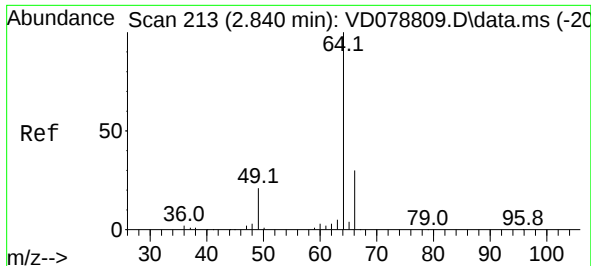
Tgt Ion: 62 Resp: 354165
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#6
 Bromomethane
 Concen: 46.716 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD078810.D
 Acq: 11 Apr 2024 12:38

Tgt Ion: 94 Resp: 262242
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.9 124.3





#8

Chloroethane

Concen: 44.716 ug/L

RT: 2.840 min Scan# 21

Delta R.T. -0.000 min MSVOA_D

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

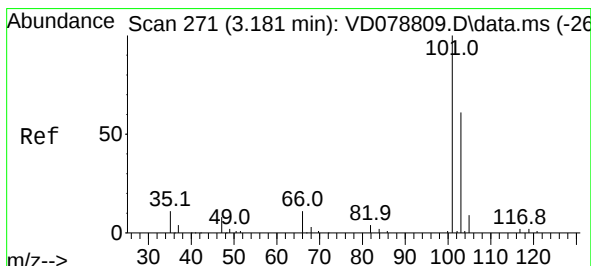
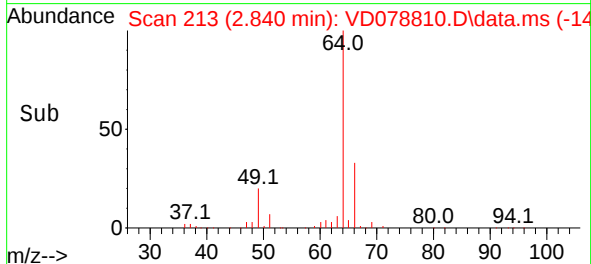
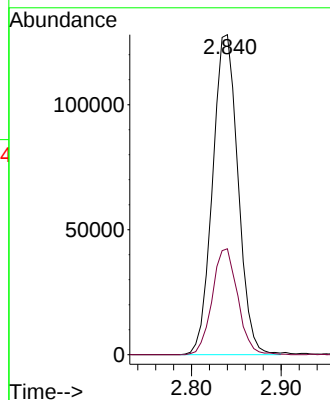
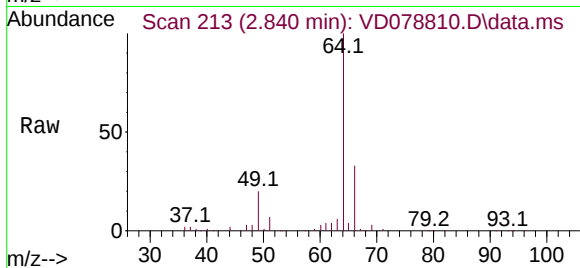
ClientSampleId :

Tgt Ion: 64 Resp: 251996

Ion Ratio Lower Upper

64 100

66 33.1 21.0 39.0



#9

Trichlorofluoromethane

Concen: 45.166 ug/L

RT: 3.175 min Scan# 270

Delta R.T. -0.006 min

Lab File: VD078810.D

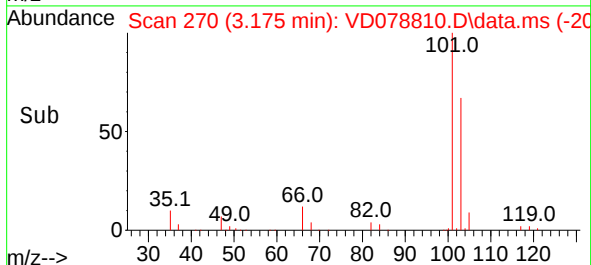
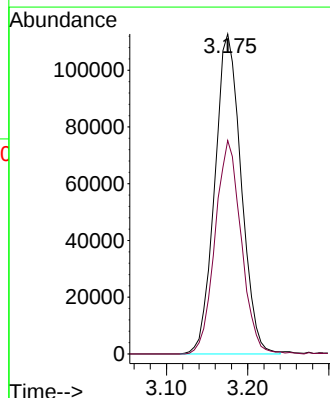
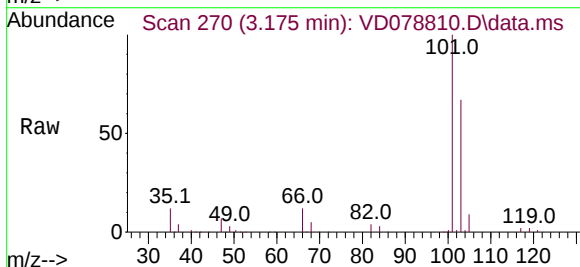
Acq: 11 Apr 2024 12:38

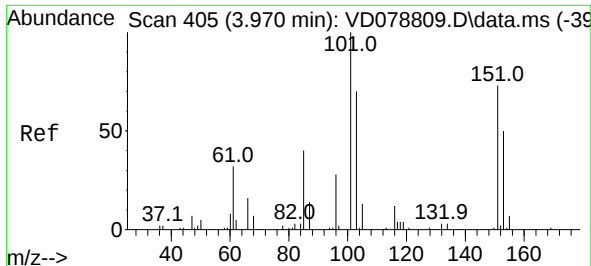
Tgt Ion:101 Resp: 255194

Ion Ratio Lower Upper

101 100

103 65.8 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.851 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

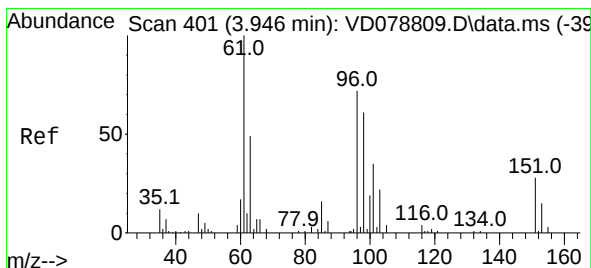
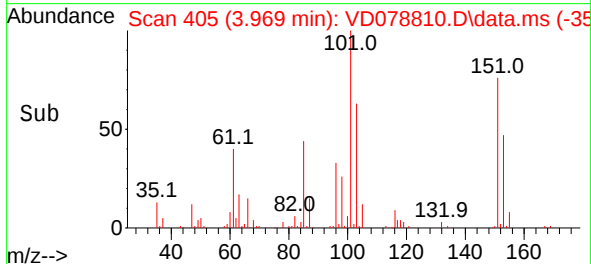
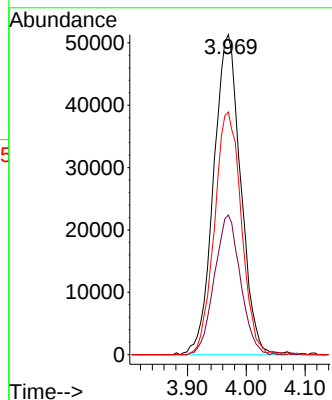
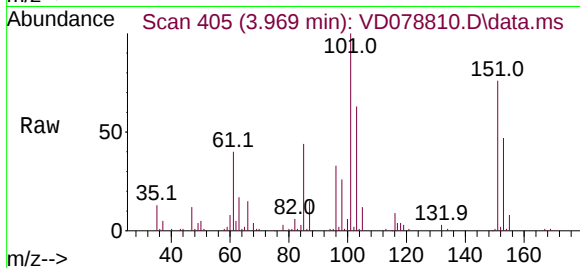
Tgt Ion:101 Resp: 163851

Ion Ratio Lower Upper

101 100

85 42.0 19.5 29.3#

151 75.1 61.9 92.9



#12

1,1-Dichloroethene

Concen: 46.695 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

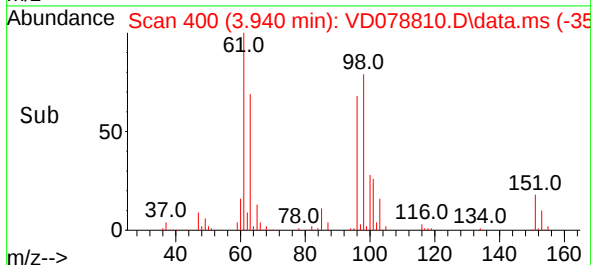
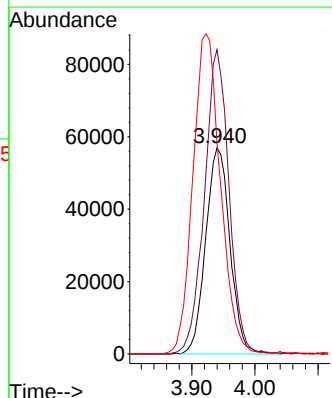
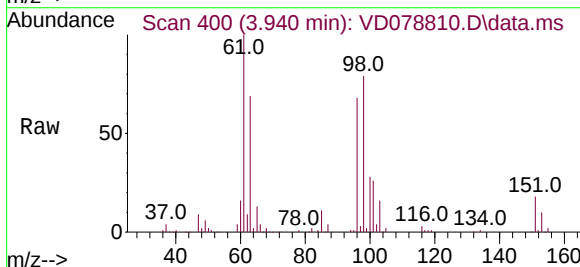
Tgt Ion: 96 Resp: 152086

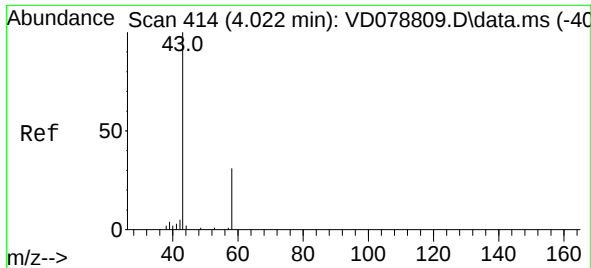
Ion Ratio Lower Upper

96 100

61 147.7 99.0 183.8

63 102.4 55.2 102.6





#13

Acetone

Concen: 102.681 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

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MSVOA_D

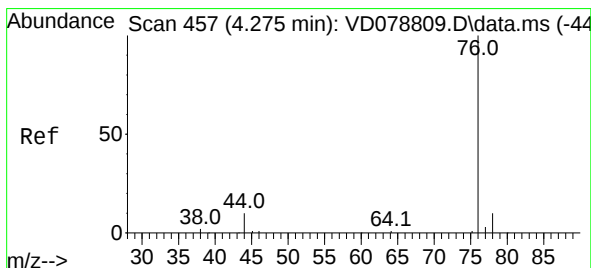
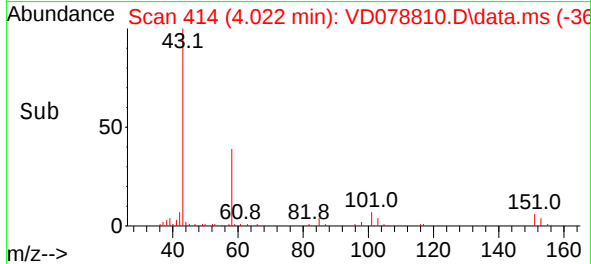
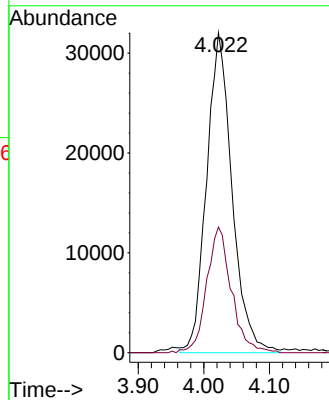
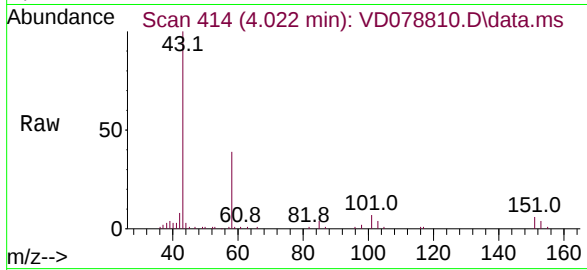
ClientSampleId :

Tgt Ion: 43 Resp: 86407

Ion Ratio Lower Upper

43 100

58 37.8 0.0 78.6



#14

Carbon disulfide

Concen: 45.936 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078810.D

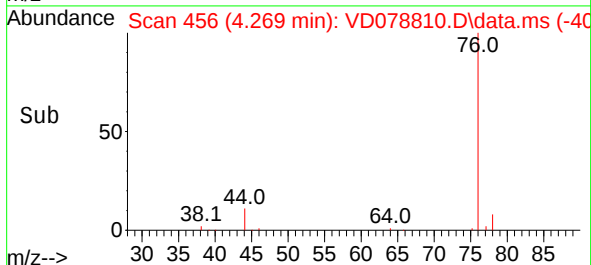
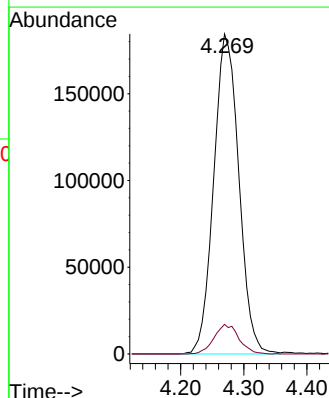
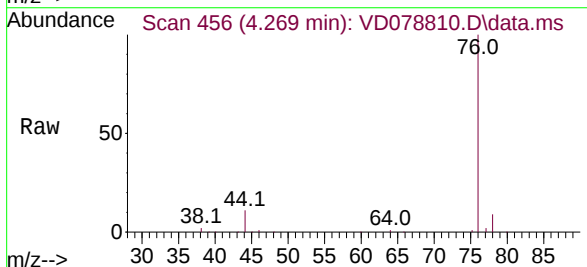
Acq: 11 Apr 2024 12:38

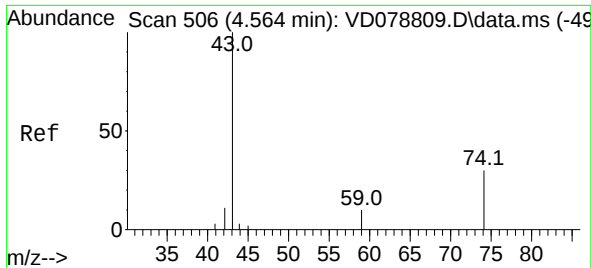
Tgt Ion: 76 Resp: 509384

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6

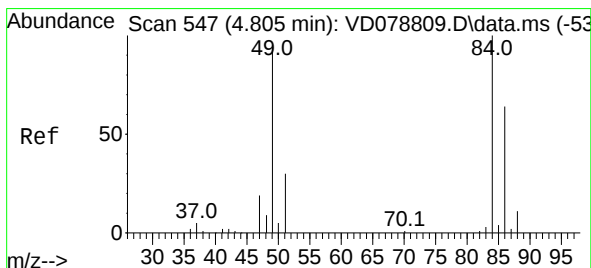
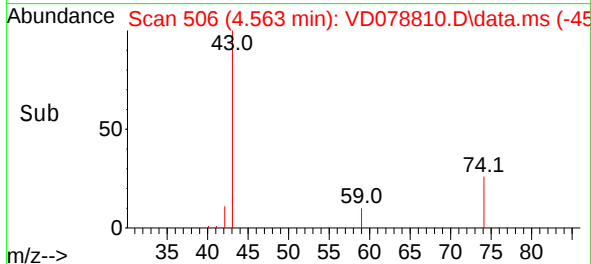
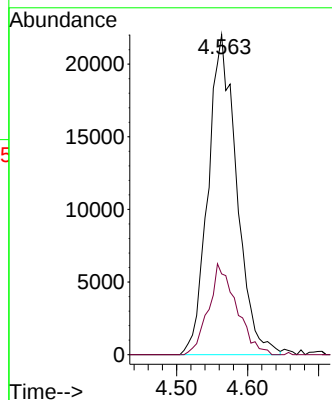
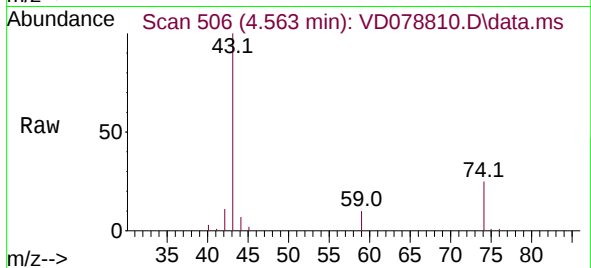




#15
Methyl Acetate
Concen: 49.477 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

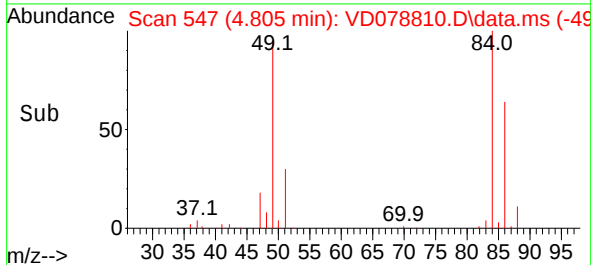
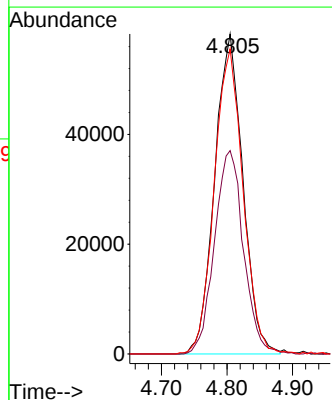
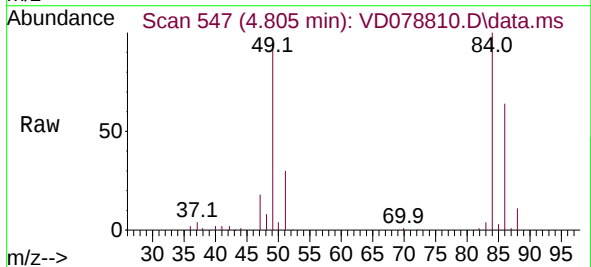
Instrument :
MSVOA_D
ClientSampleId :

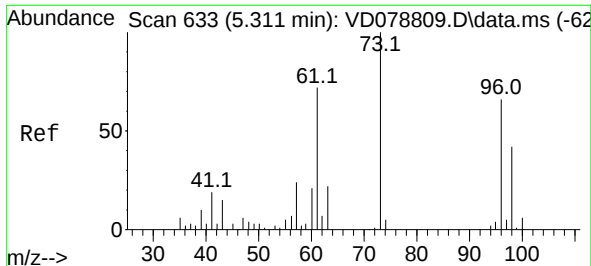
Tgt Ion: 43 Resp: 61653
Ion Ratio Lower Upper
43 100
74 27.6 23.4 35.2



#16
Methylene chloride
Concen: 40.307 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion: 84 Resp: 173990
Ion Ratio Lower Upper
84 100
86 63.5 44.7 83.1
49 95.3 67.1 124.5





#17

trans-1,2-Dichloroethene

Concen: 46.739 ug/L

RT: 5.316 min Scan# 633

Delta R.T. 0.006 min

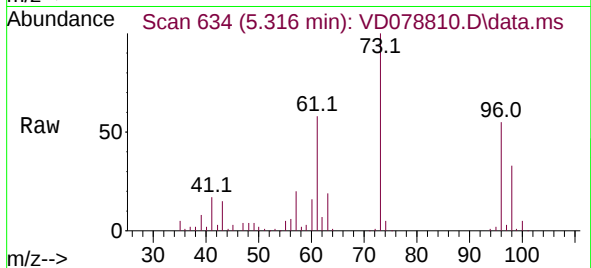
Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :



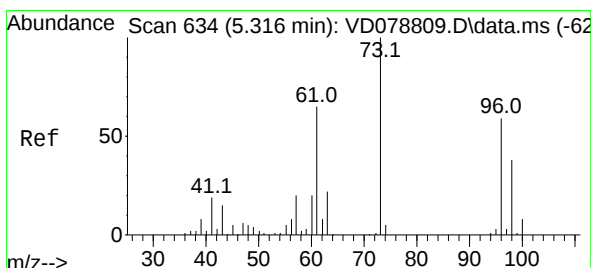
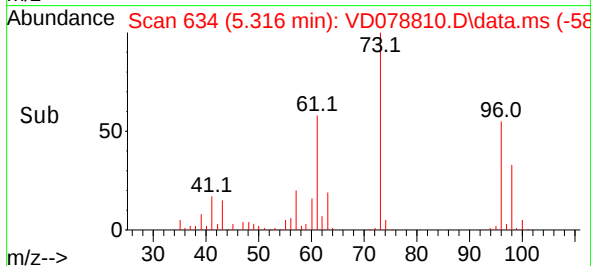
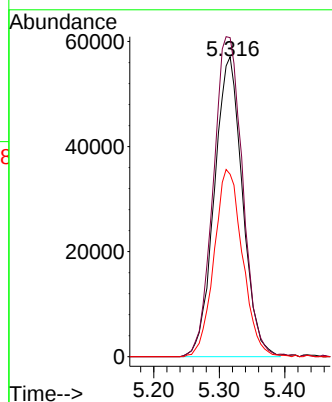
Tgt Ion: 96 Resp: 170193

Ion Ratio Lower Upper

96 100

61 106.4 76.2 141.6

98 60.8 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 50.817 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

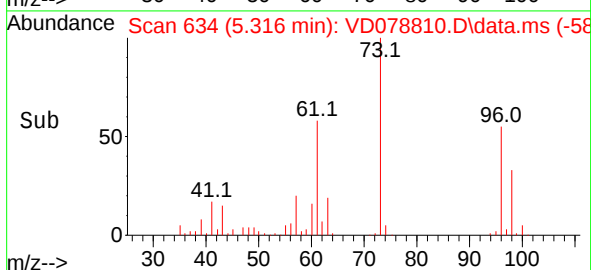
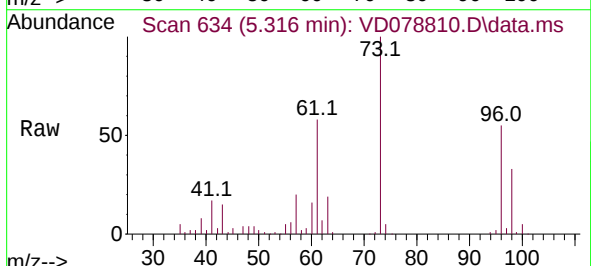
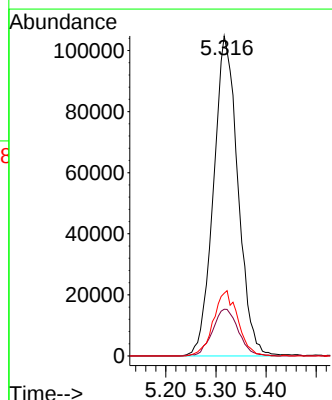
Tgt Ion: 73 Resp: 354002

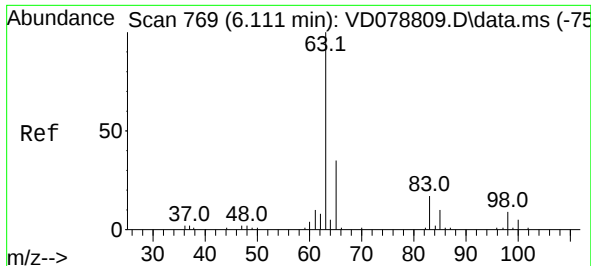
Ion Ratio Lower Upper

73 100

43 15.6 7.0 10.4#

57 20.4 17.4 26.0

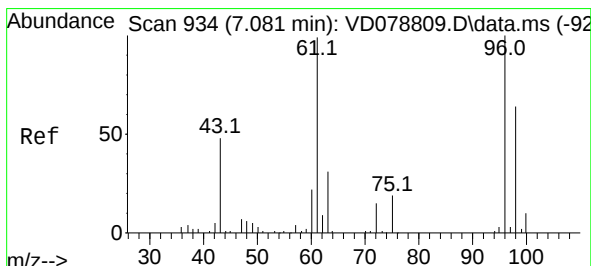
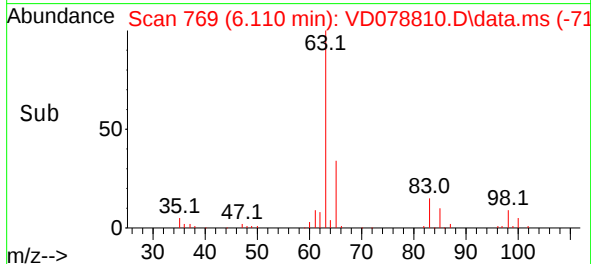
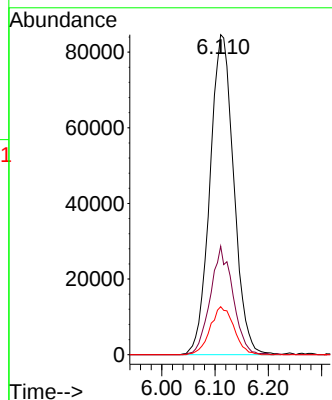
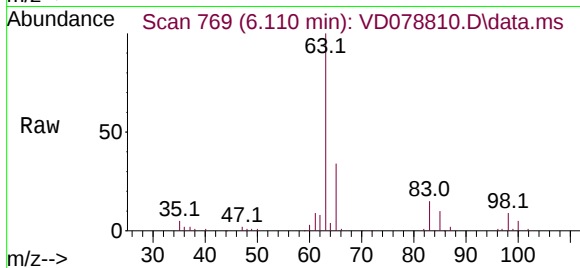




#19
1,1-Dichloroethane
Concen: 45.294 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

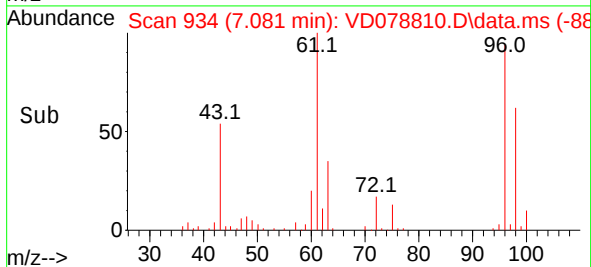
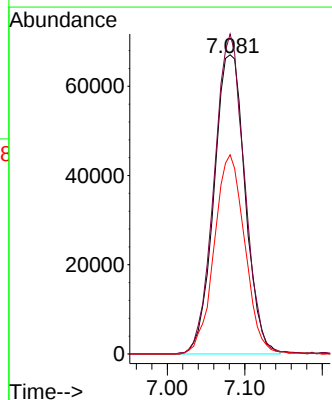
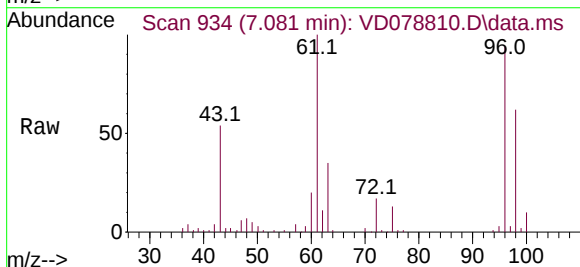
Instrument :
MSVOA_D
ClientSampleId :

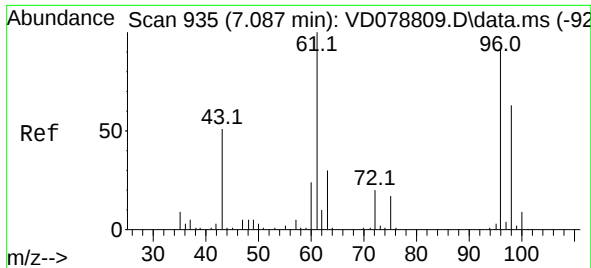
Tgt Ion: 63 Resp: 262768
Ion Ratio Lower Upper
63 100
65 33.9 24.3 45.1
83 15.0 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 47.432 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion: 96 Resp: 187768
Ion Ratio Lower Upper
96 100
61 106.9 69.0 128.2
98 66.6 44.8 83.2

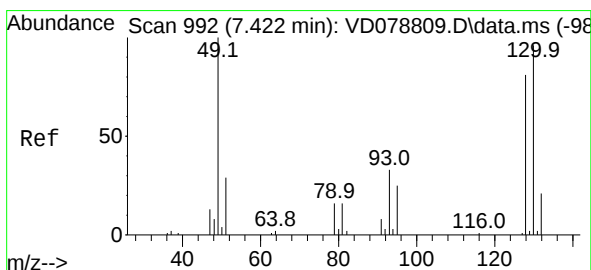
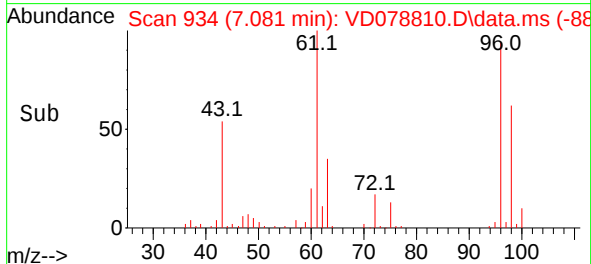
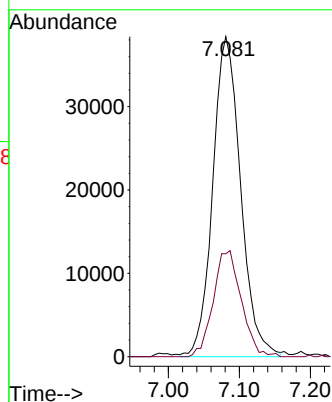
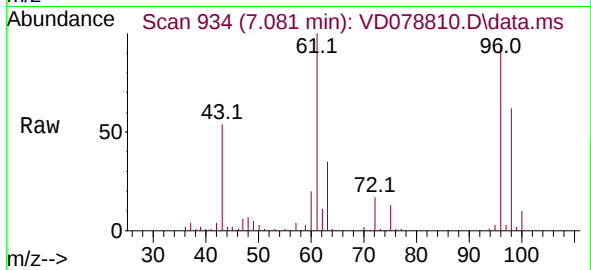




#22
2-Butanone
Concen: 101.372 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

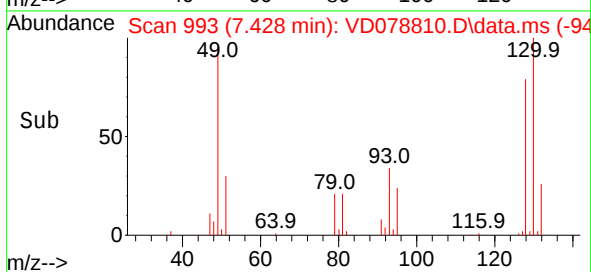
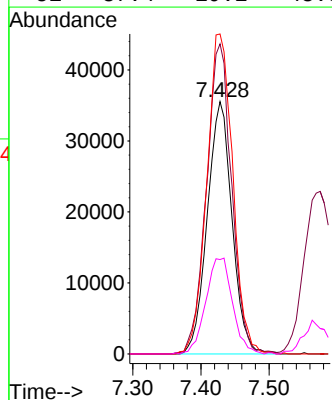
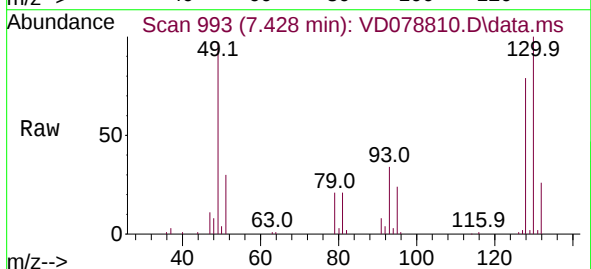
Instrument :
MSVOA_D
ClientSampleId :

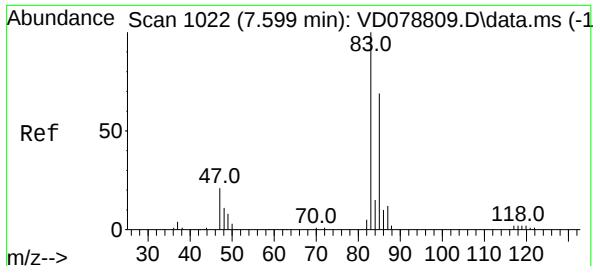
Tgt Ion: 43 Resp: 104591
Ion Ratio Lower Upper
43 100
72 33.0 16.8 50.4



#23
Bromochloromethane
Concen: 46.023 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion:128 Resp: 89886
Ion Ratio Lower Upper
128 100
49 122.9 87.6 162.8
130 126.8 84.5 156.9
51 37.4 29.2 43.8





#25

Chloroform

Concen: 44.859 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

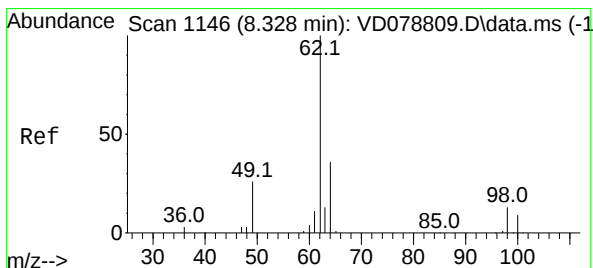
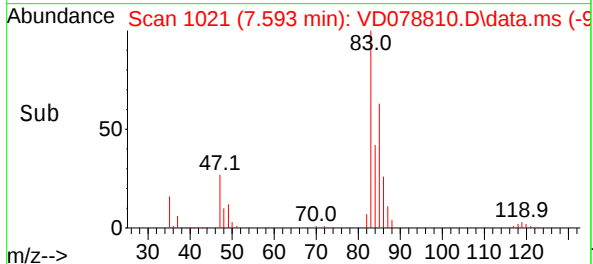
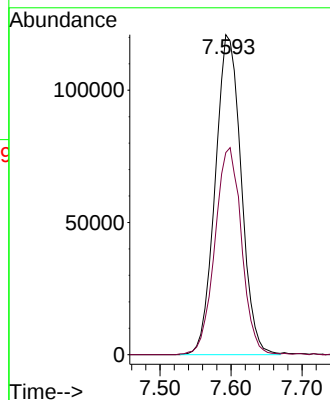
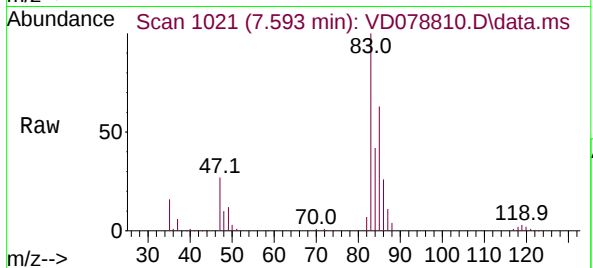
ClientSampleId :

Tgt Ion: 83 Resp: 306673

Ion Ratio Lower Upper

83 100

85 63.2 48.6 90.2



#27

1,2-Dichloroethane

Concen: 46.903 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078810.D

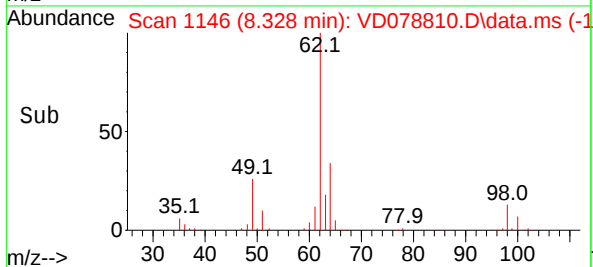
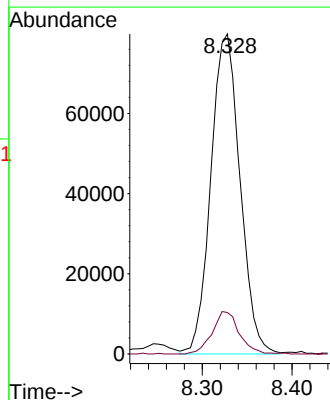
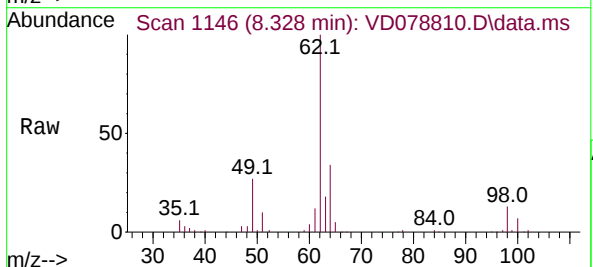
Acq: 11 Apr 2024 12:38

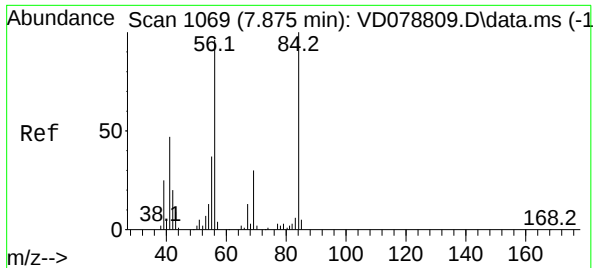
Tgt Ion: 62 Resp: 180217

Ion Ratio Lower Upper

62 100

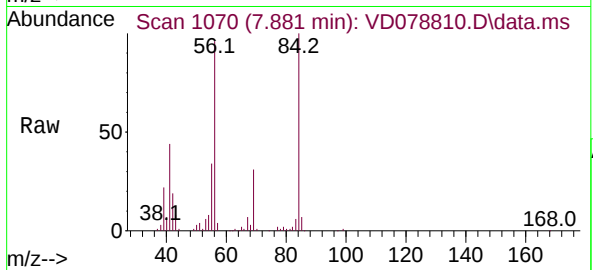
98 13.0 10.0 15.0



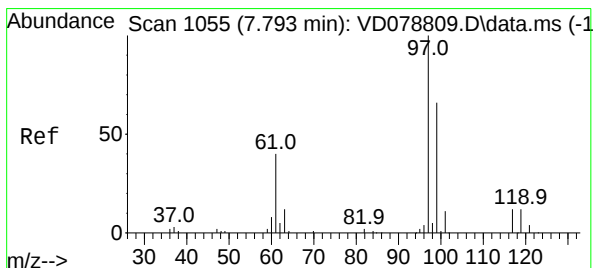
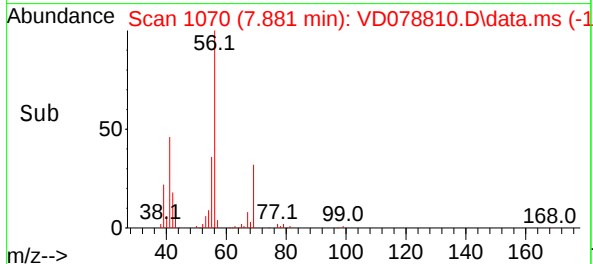
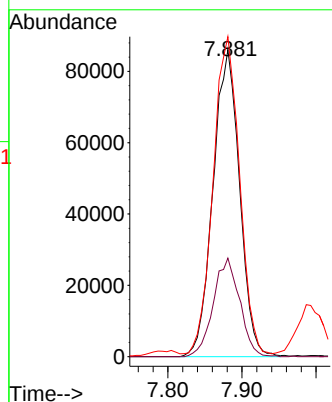


#29
Cyclohexane
Concen: 50.406 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

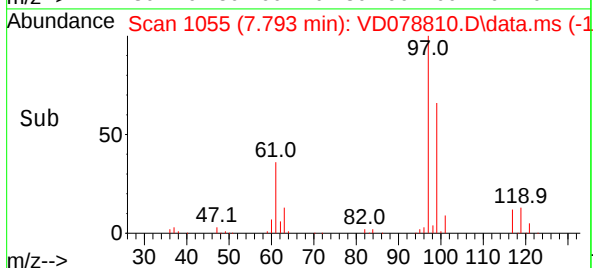
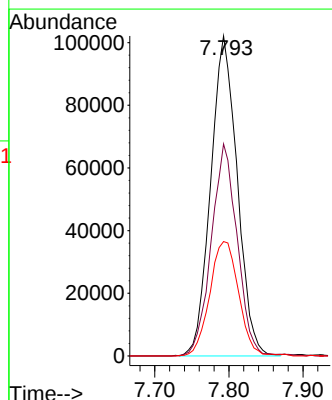
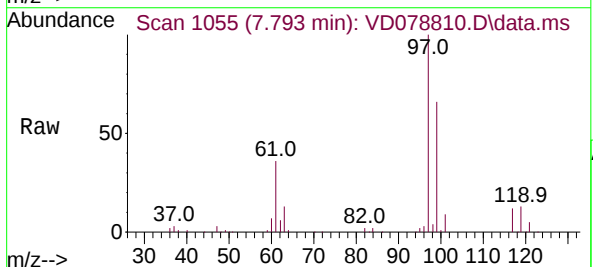


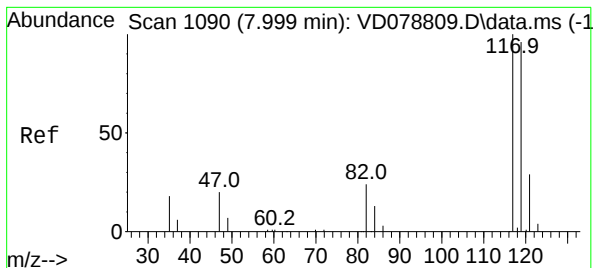
Tgt Ion: 56 Resp: 213904
Ion Ratio Lower Upper
56 100
69 31.8 26.1 39.1
84 104.6 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 45.223 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion: 97 Resp: 254066
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 38.7 31.5 47.3





#31

Carbon tetrachloride

Concen: 46.040 ug/L

RT: 7.993 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

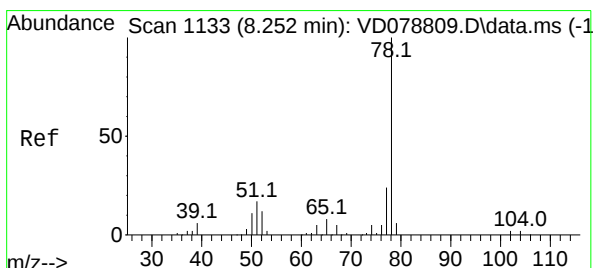
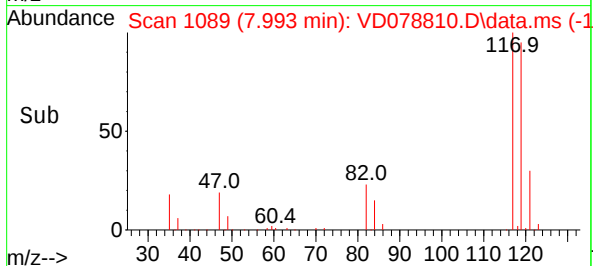
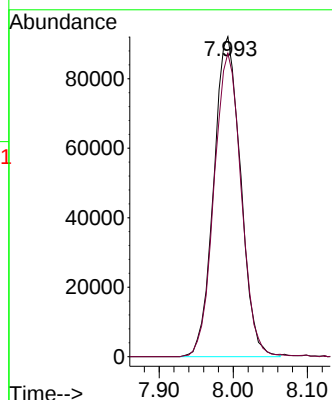
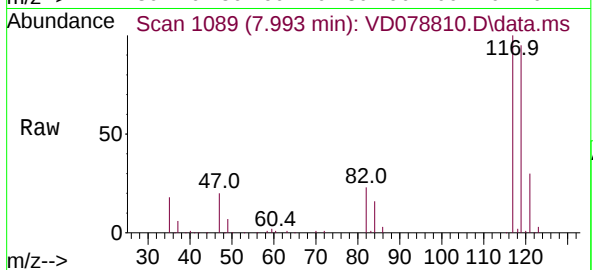
ClientSampleId :

Tgt Ion:117 Resp: 231892

Ion Ratio Lower Upper

117 100

119 95.5 77.0 115.4



#33

Benzene

Concen: 48.711 ug/L

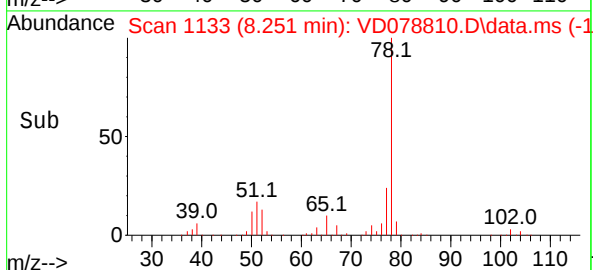
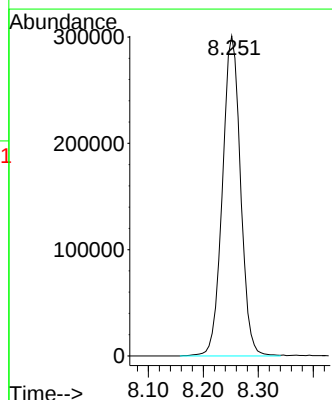
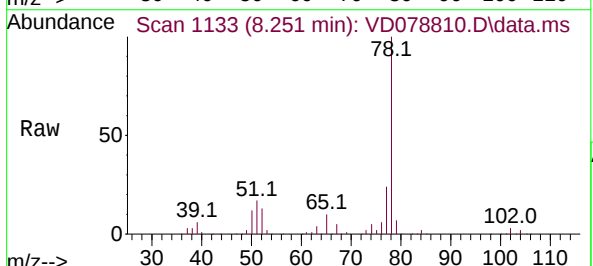
RT: 8.251 min Scan# 1133

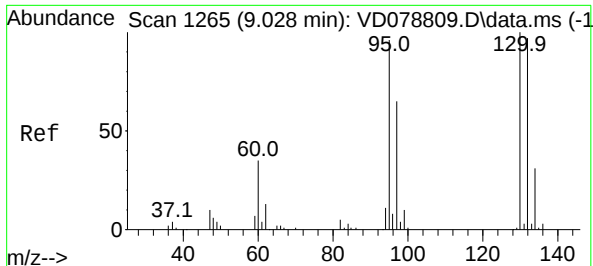
Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Tgt Ion: 78 Resp: 689890

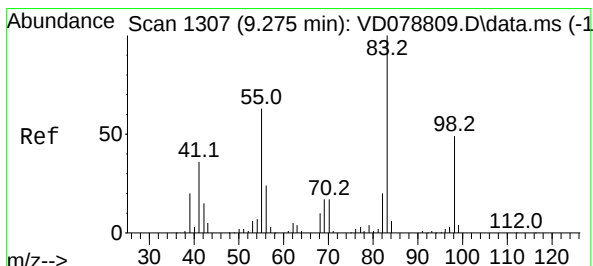
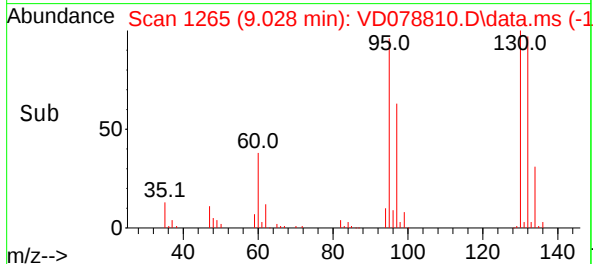
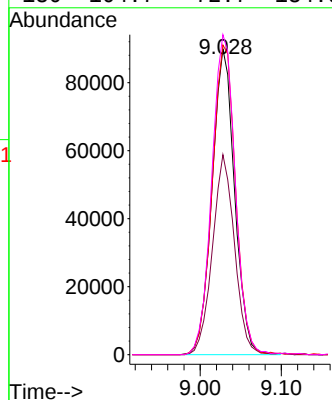
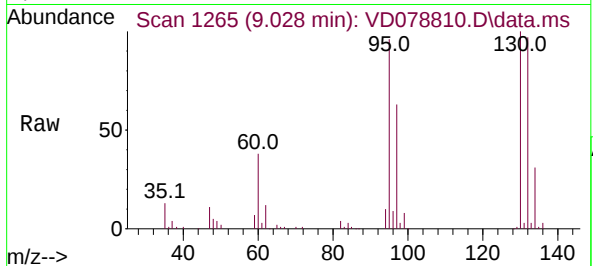




#34
Trichloroethene
Concen: 45.978 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

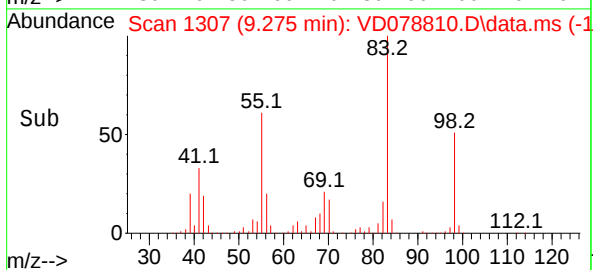
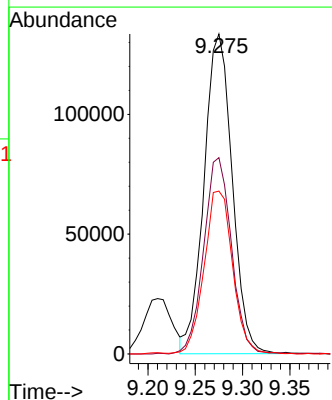
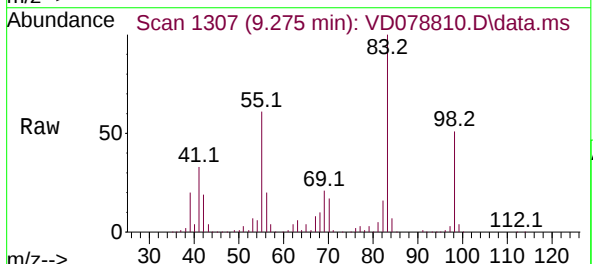
Instrument :
MSVOA_D
ClientSampleId :

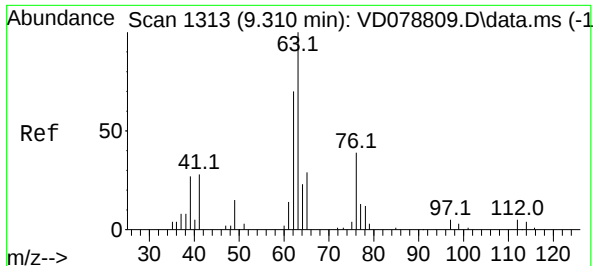
Tgt Ion: 95 Resp: 173714
Ion Ratio Lower Upper
95 100
97 65.4 47.4 88.0
132 101.3 70.8 131.4
130 104.7 72.7 134.9



#35
Methylcyclohexane
Concen: 49.237 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion: 83 Resp: 276358
Ion Ratio Lower Upper
83 100
55 60.6 50.2 75.2
98 51.7 40.7 61.1

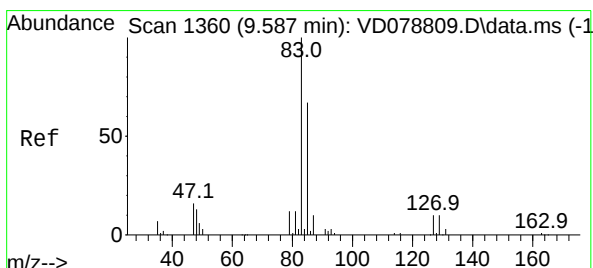
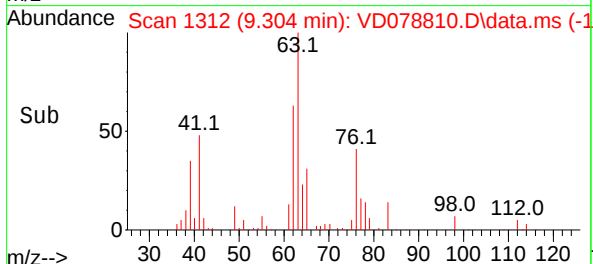
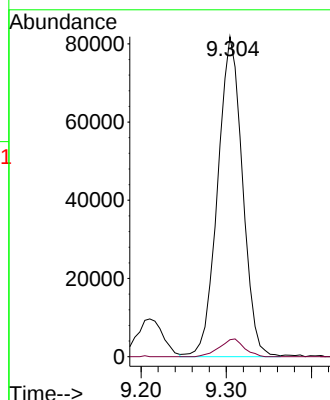
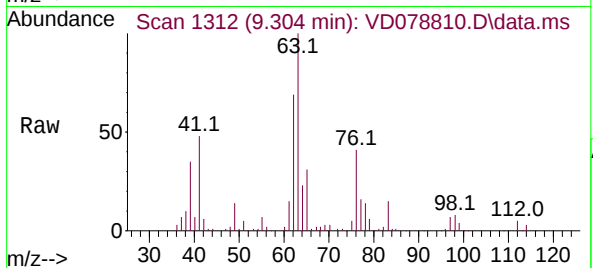




#37
1,2-Dichloropropane
Concen: 45.642 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

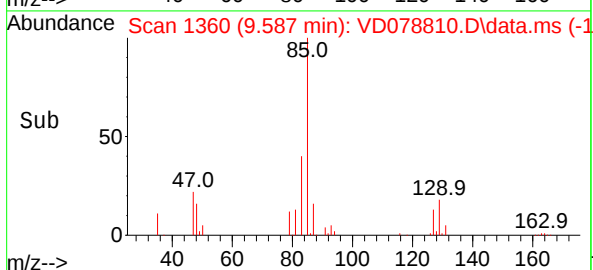
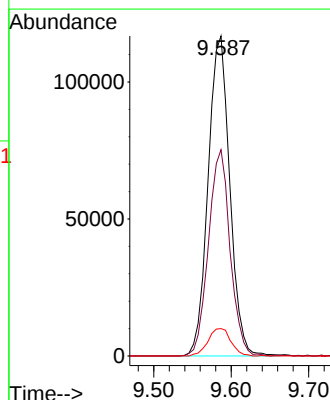
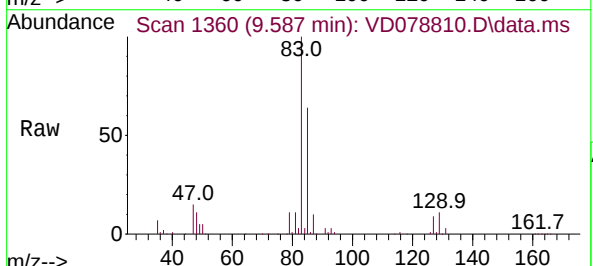
Instrument :
MSVOA_D
ClientSampleId :

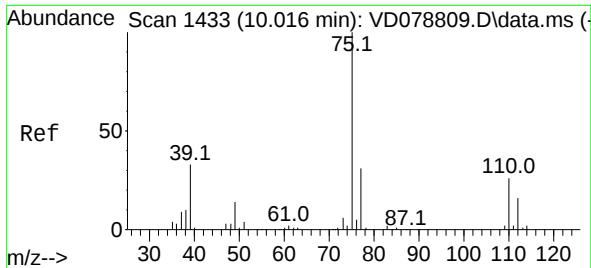
Tgt Ion: 63 Resp: 165750
Ion Ratio Lower Upper
63 100
112 5.5 4.3 6.5



#38
Bromodichloromethane
Concen: 45.465 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion: 83 Resp: 227167
Ion Ratio Lower Upper
83 100
85 64.4 46.8 87.0
127 8.5 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 50.090 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

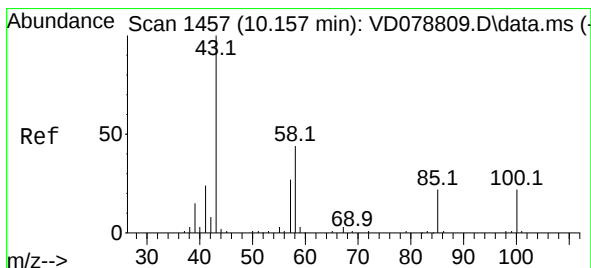
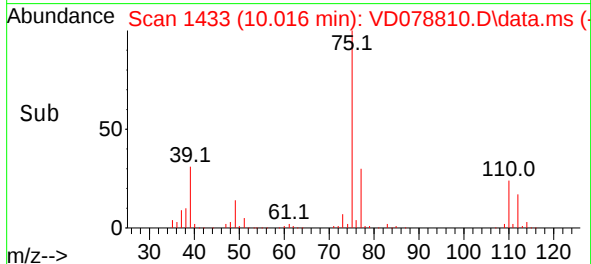
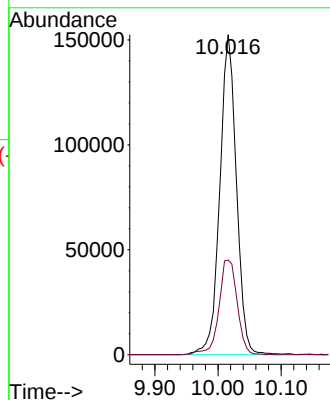
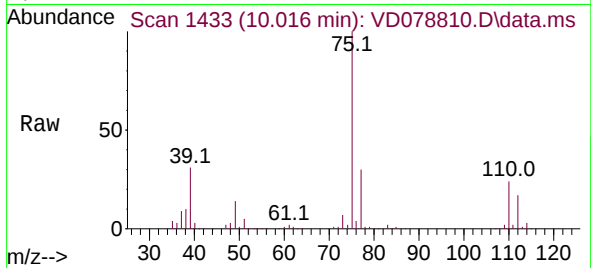
ClientSampleId :

Tgt Ion: 75 Resp: 279402

Ion Ratio Lower Upper

75 100

77 29.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 102.602 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

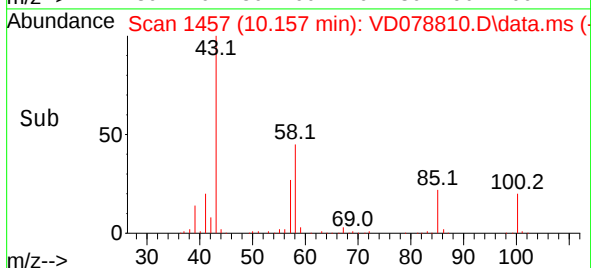
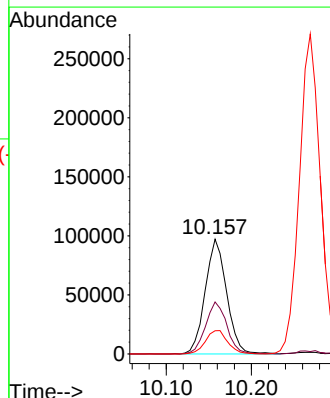
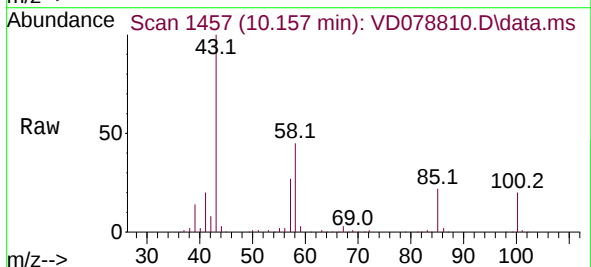
Tgt Ion: 43 Resp: 170191

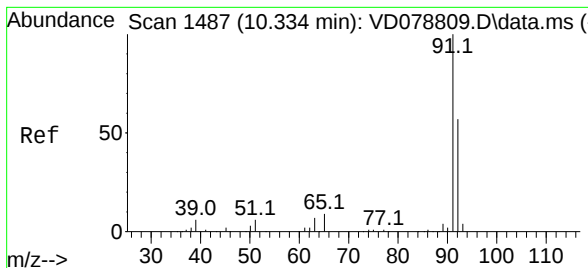
Ion Ratio Lower Upper

43 100

58 44.9 36.2 54.2

100 21.2 18.3 27.5





#42

Toluene

Concen: 50.012 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

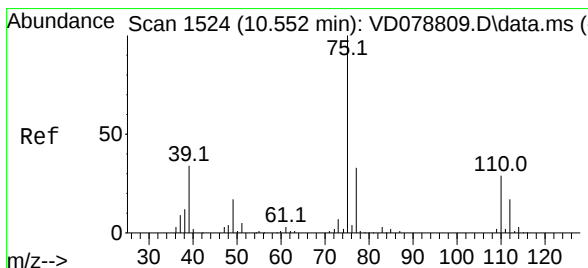
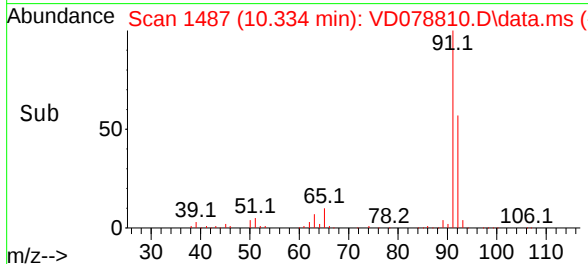
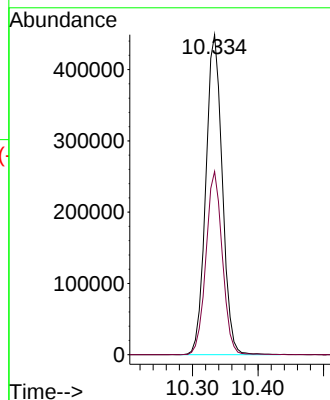
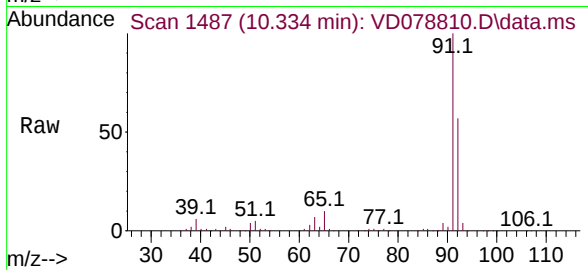
ClientSampleId :

Tgt Ion: 91 Resp: 784131

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 49.854 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078810.D

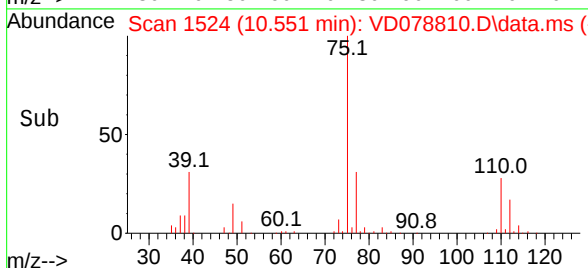
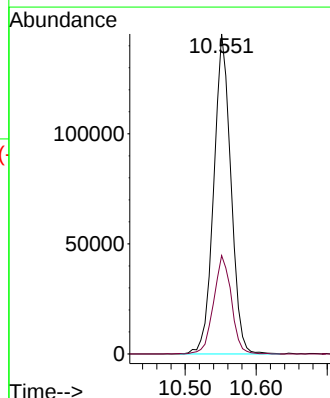
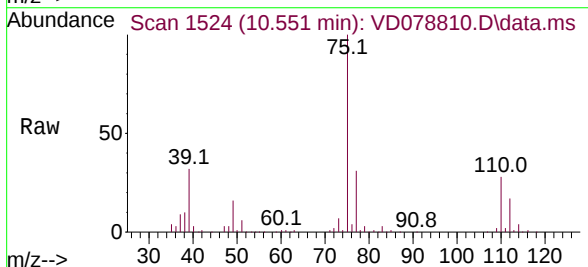
Acq: 11 Apr 2024 12:38

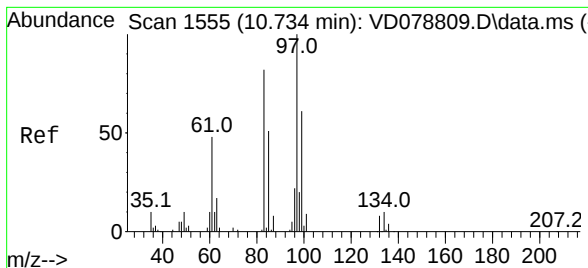
Tgt Ion: 75 Resp: 243683

Ion Ratio Lower Upper

75 100

77 30.8 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 46.593 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 147753

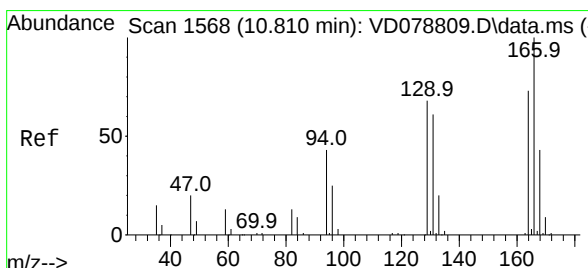
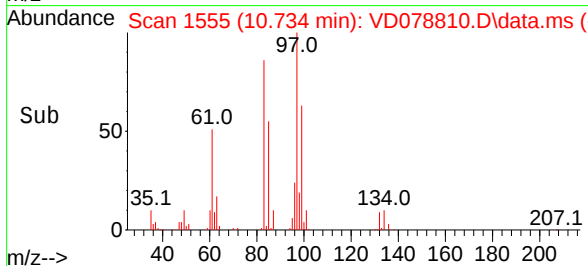
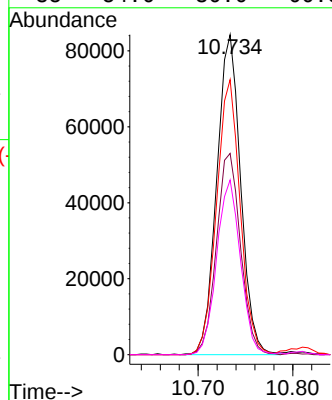
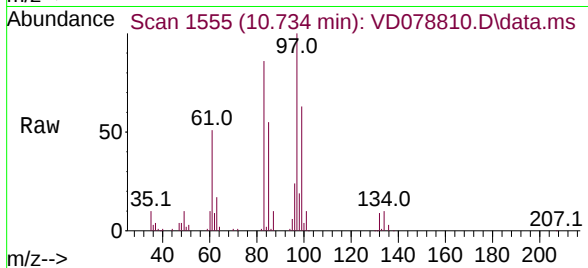
Ion Ratio Lower Upper

97 100

99 62.9 42.6 79.2

83 85.9 58.0 107.6

85 54.6 36.0 66.8



#46

Tetrachloroethene

Concen: 46.406 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Tgt Ion:164 Resp: 146817

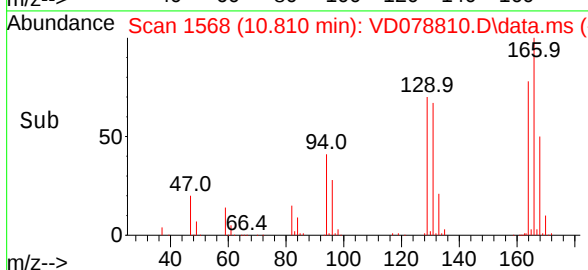
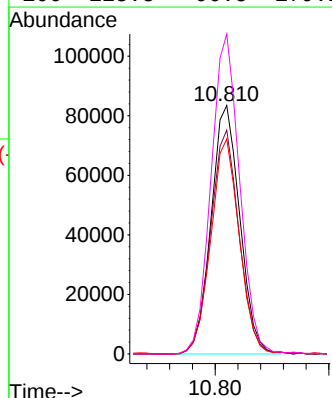
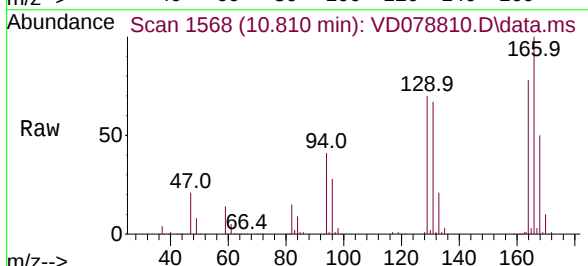
Ion Ratio Lower Upper

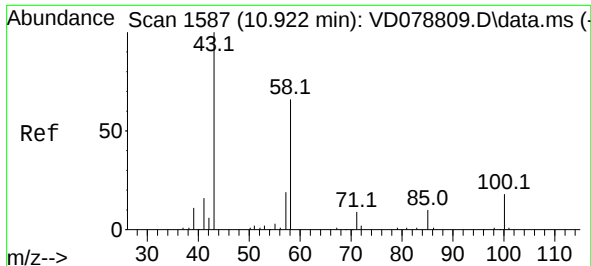
164 100

129 90.1 65.3 121.3

131 86.5 58.4 108.6

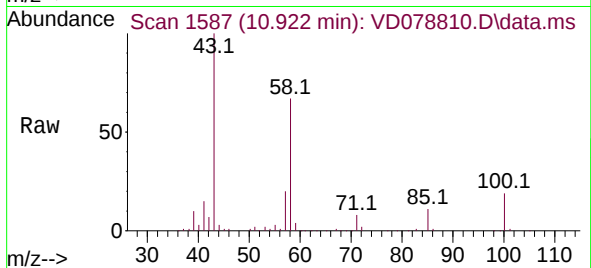
166 128.8 96.5 179.1



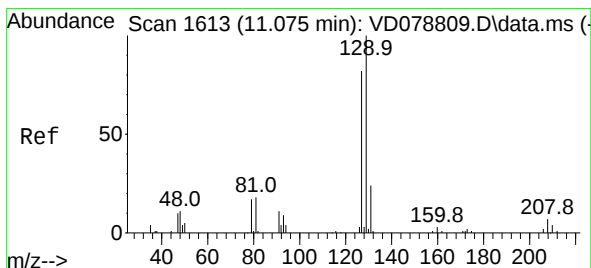
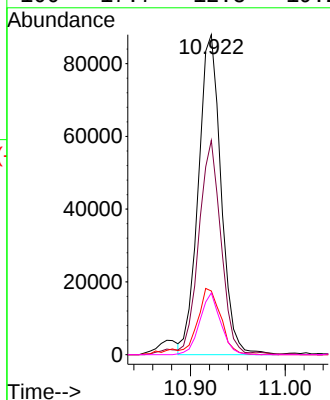
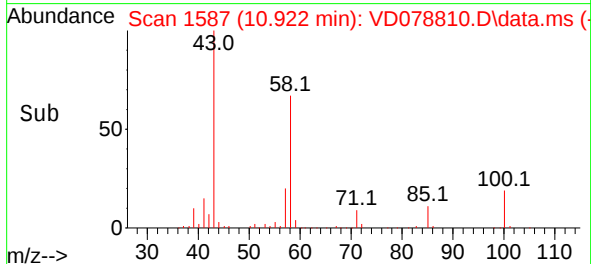


#48
2-Hexanone
Concen: 112.283 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

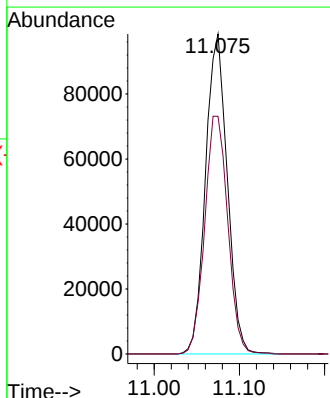
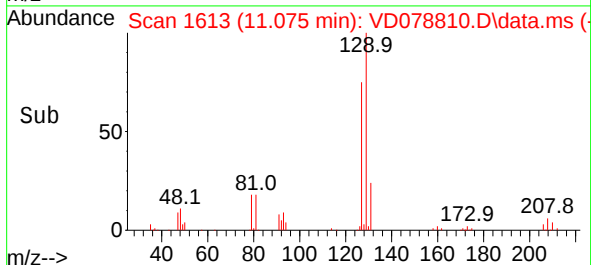
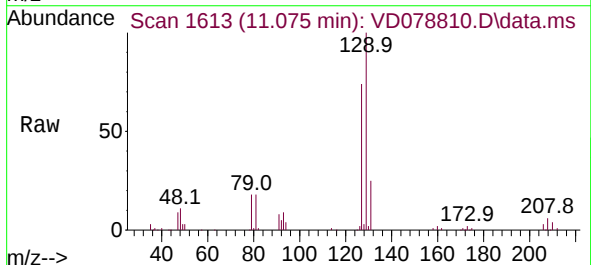


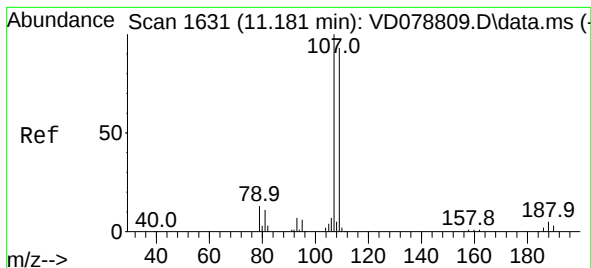
Tgt Ion: 43 Resp: 146584
Ion Ratio Lower Upper
43 100
58 64.8 50.3 75.5
57 21.0 16.5 24.7
100 17.7 12.8 19.2



#49
Dibromochloromethane
Concen: 47.573 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion:129 Resp: 174689
Ion Ratio Lower Upper
129 100
127 74.2 57.1 106.1





#50

1,2-Dibromoethane

Concen: 47.617 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078810.D

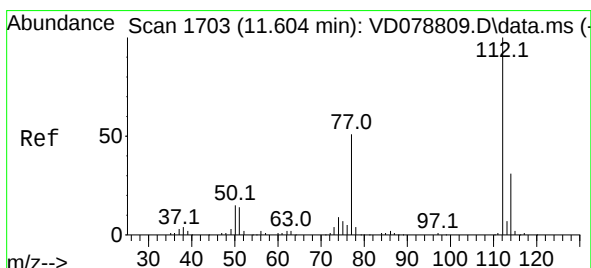
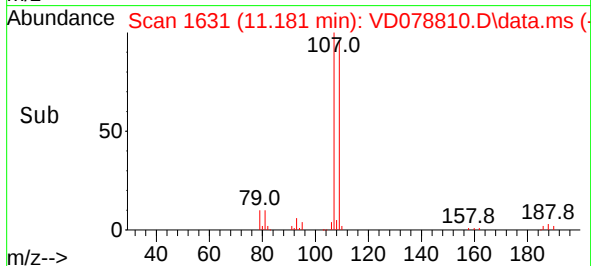
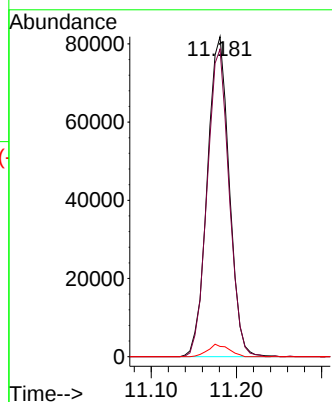
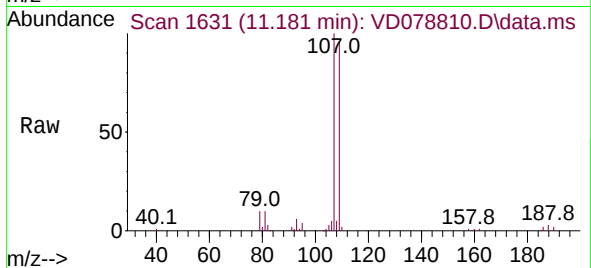
Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	146743
Ion	Ratio	Lower	Upper
107	100		
109	96.1	64.8	120.4
188	3.2	3.6	5.4#



#51

Chlorobenzene

Concen: 47.547 ug/L

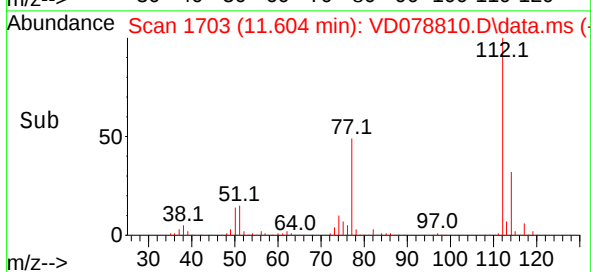
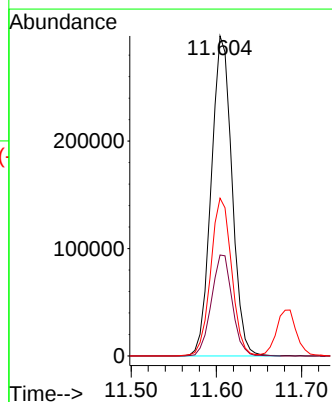
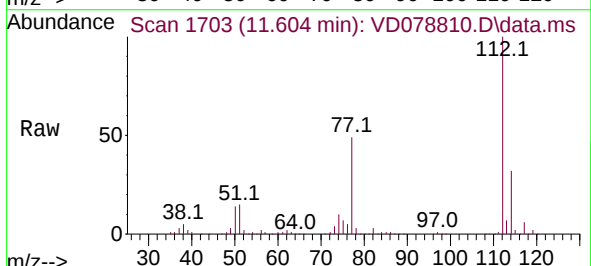
RT: 11.604 min Scan# 1703

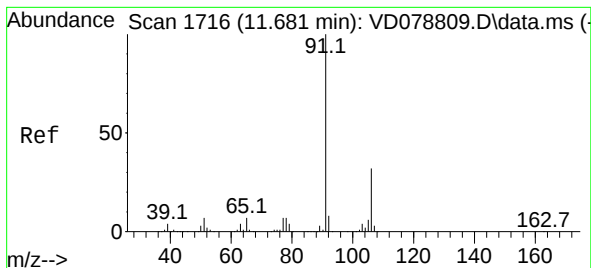
Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Tgt Ion:	112	Resp:	502809
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.7	40.3
77	49.3	41.0	61.6





#52

Ethylbenzene

Concen: 50.553 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

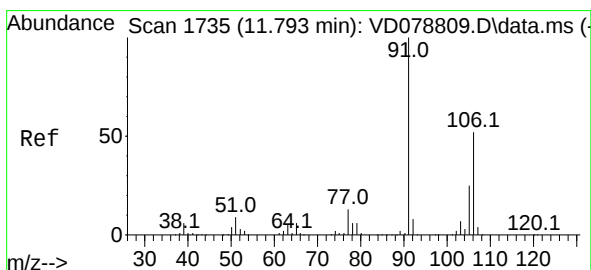
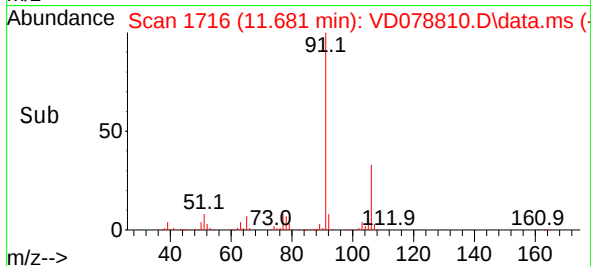
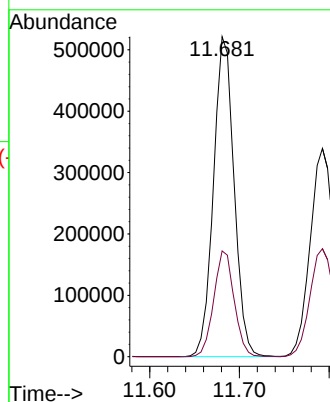
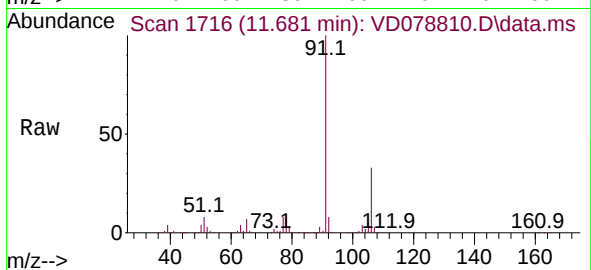
ClientSampleId :

Tgt Ion: 91 Resp: 833381

Ion Ratio Lower Upper

91 100

106 33.0 22.3 41.3



#53

m,p-Xylene

Concen: 50.732 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078810.D

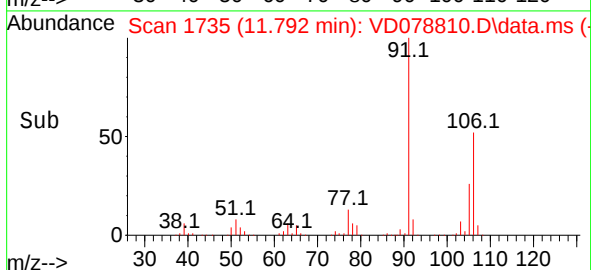
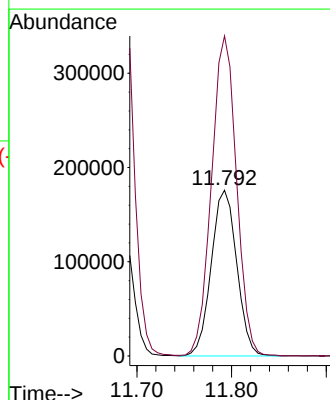
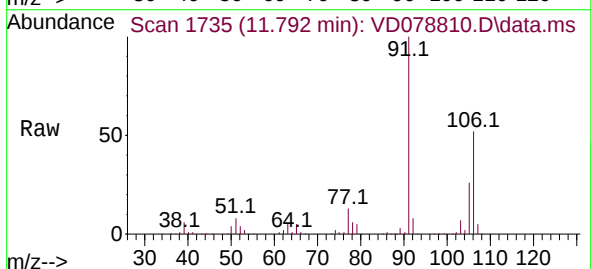
Acq: 11 Apr 2024 12:38

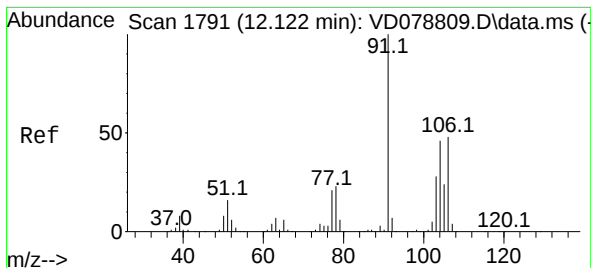
Tgt Ion:106 Resp: 329448

Ion Ratio Lower Upper

106 100

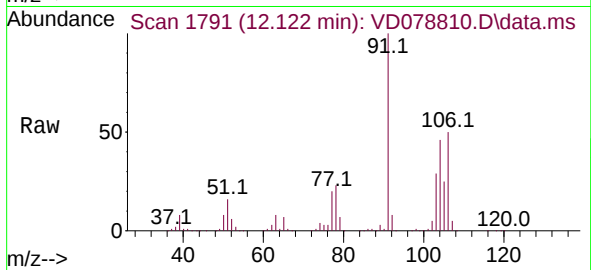
91 193.0 134.4 249.6



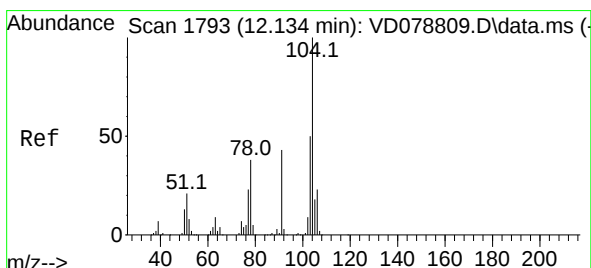
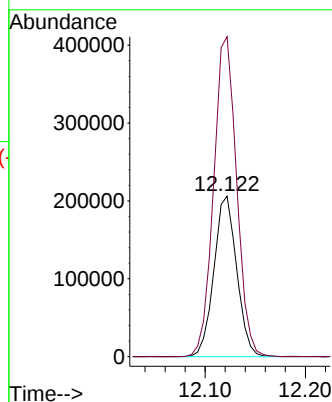
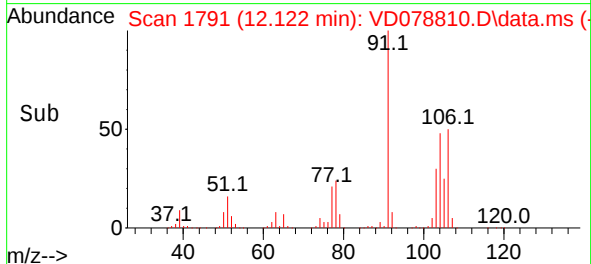


#54
o-Xylene
Concen: 51.774 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

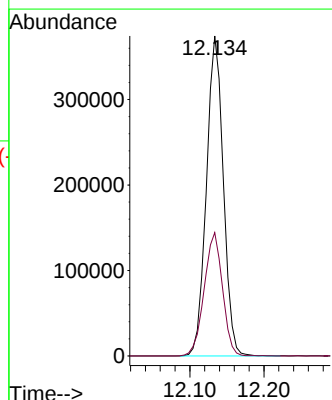
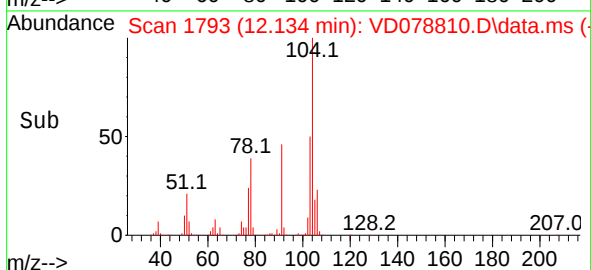
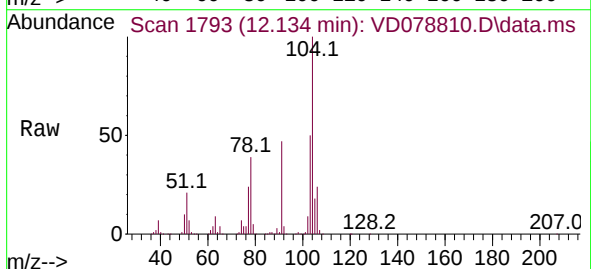


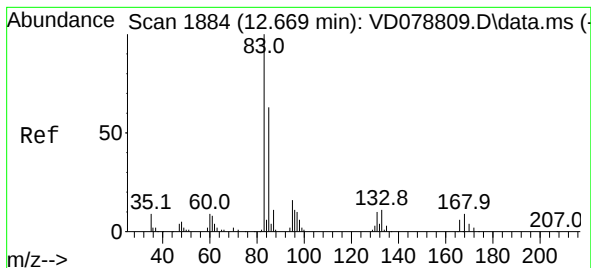
Tgt Ion:106 Resp: 324995
Ion Ratio Lower Upper
106 100
91 199.4 146.2 271.6



#55
Styrene
Concen: 52.711 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion:104 Resp: 592985
Ion Ratio Lower Upper
104 100
78 38.5 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 48.101 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

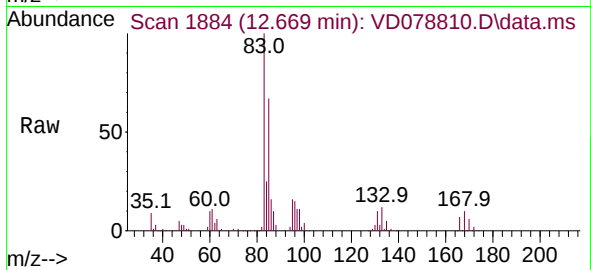
Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :



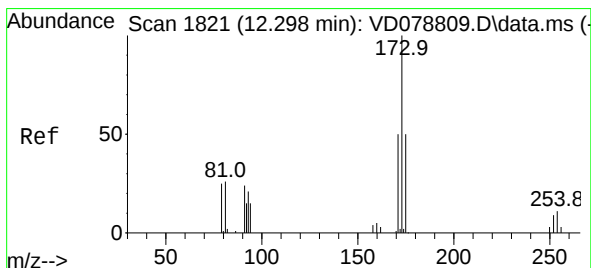
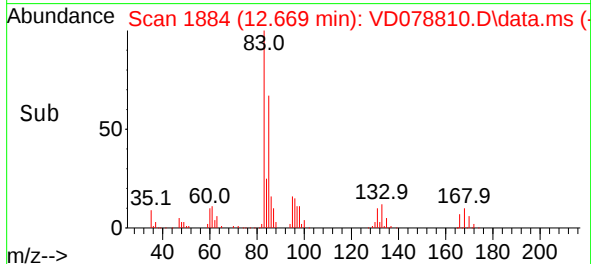
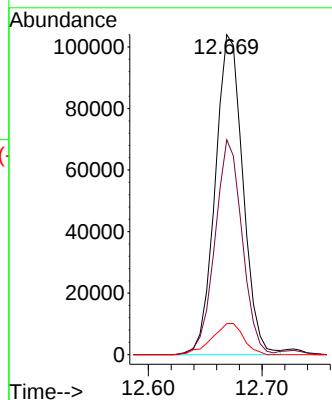
Tgt Ion: 83 Resp: 176088

Ion Ratio Lower Upper

83 100

85 67.2 44.5 82.7

131 9.7 8.1 12.1



#59

Bromoform

Concen: 46.921 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

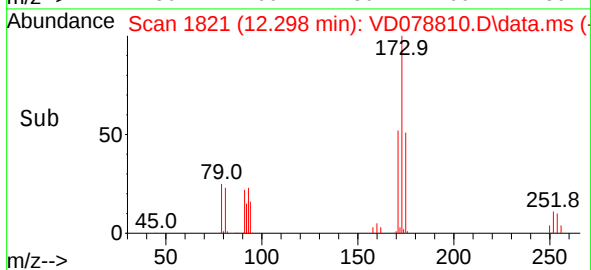
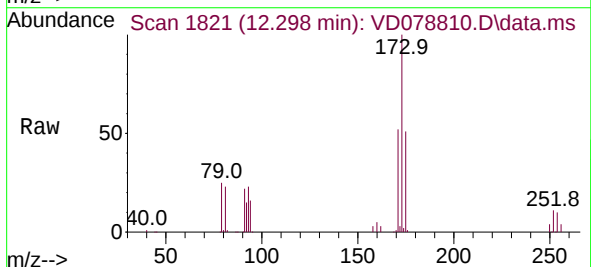
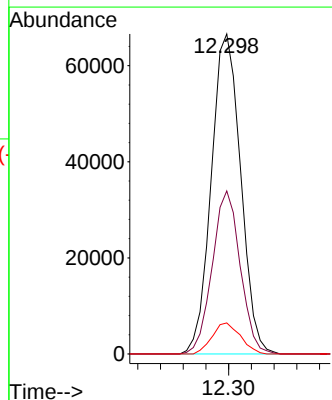
Tgt Ion:173 Resp: 119481

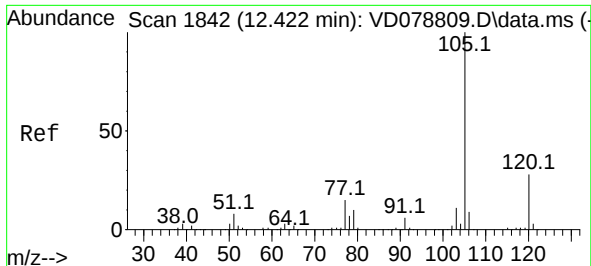
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 9.4 7.7 11.5





#60

Isopropylbenzene

Concen: 51.076 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

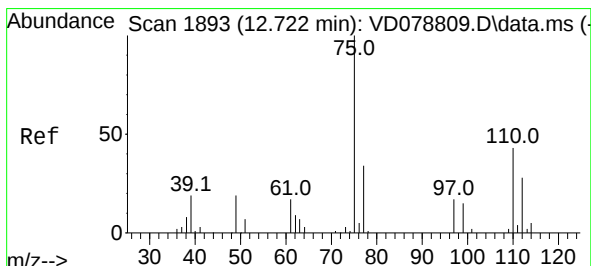
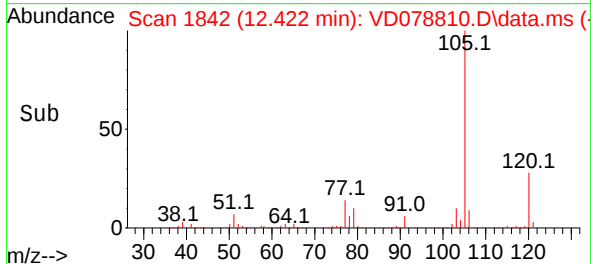
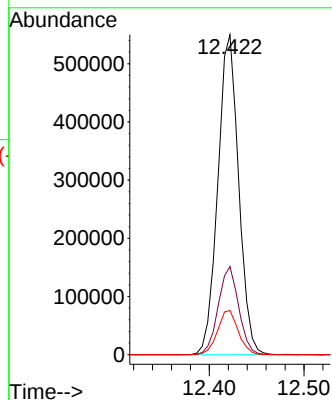
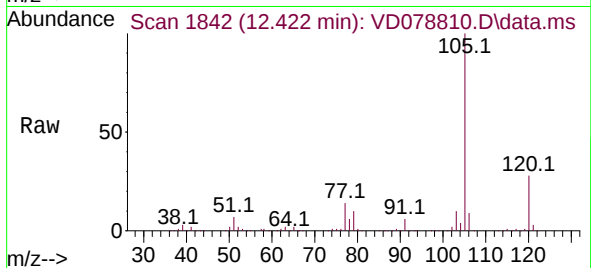
Tgt Ion:105 Resp: 839654

Ion Ratio Lower Upper

105 100

120 27.1 21.6 32.4

77 13.8 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 47.052 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

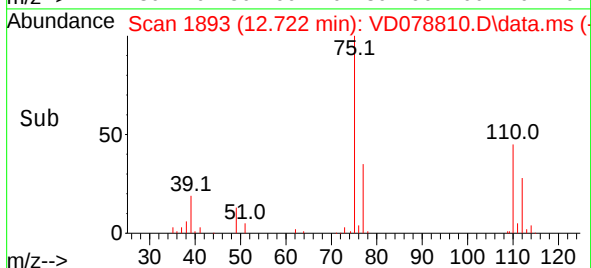
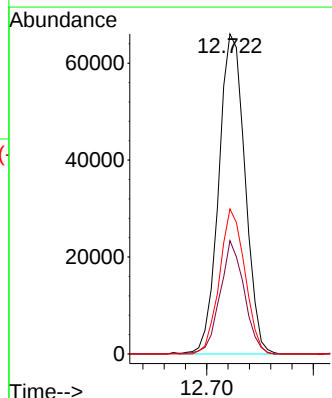
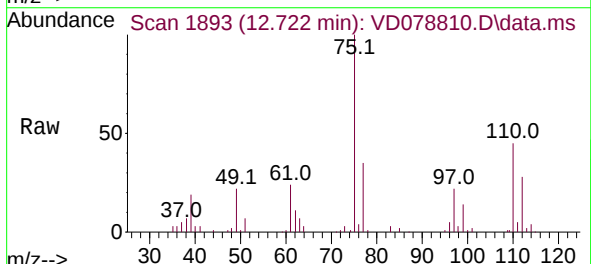
Tgt Ion: 75 Resp: 112821

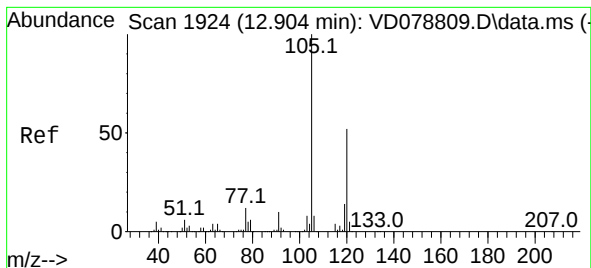
Ion Ratio Lower Upper

75 100

77 32.5 26.9 40.3

110 43.8 34.6 51.8

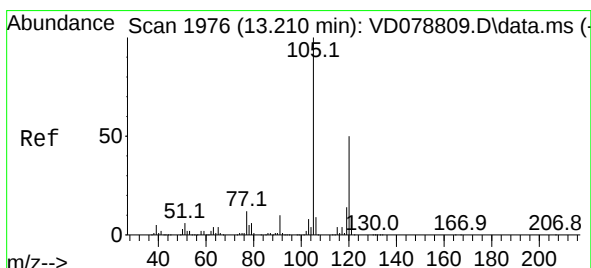
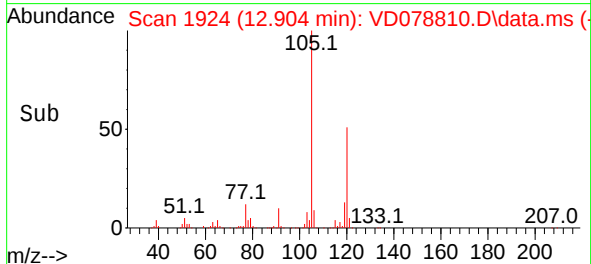
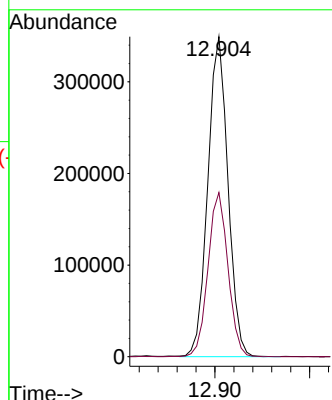
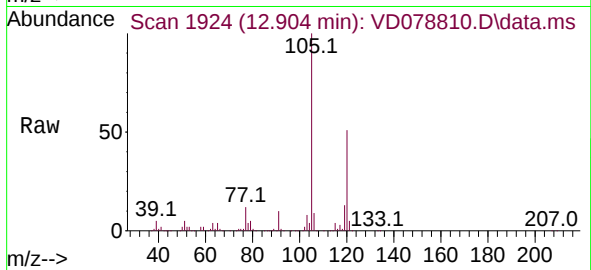




#62
1,3,5-Trimethylbenzene
Concen: 51.670 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

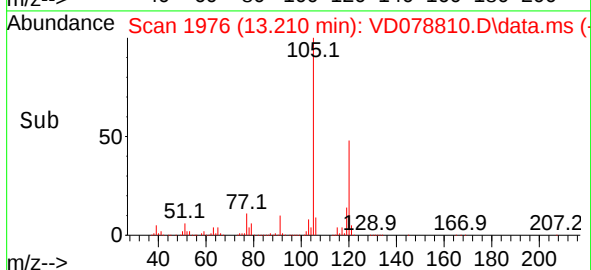
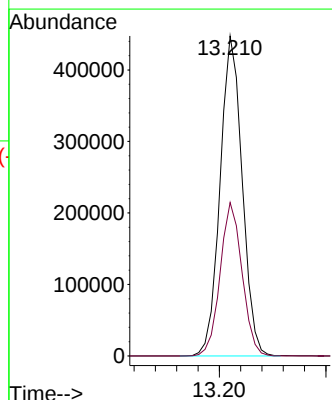
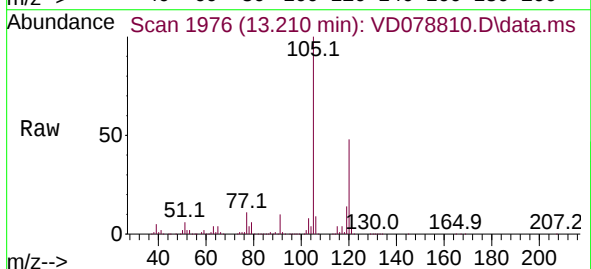
Instrument :
MSVOA_D
ClientSampleId :

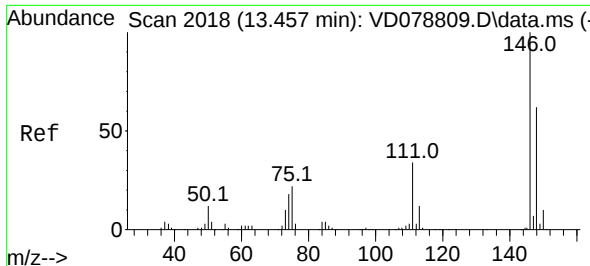
Tgt Ion:105 Resp: 514930
Ion Ratio Lower Upper
105 100
120 50.7 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 52.647 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

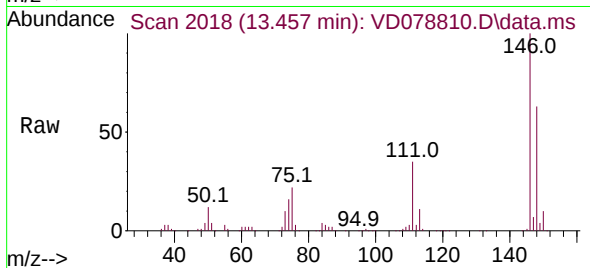
Tgt Ion:105 Resp: 643835
Ion Ratio Lower Upper
105 100
120 47.5 38.6 57.8



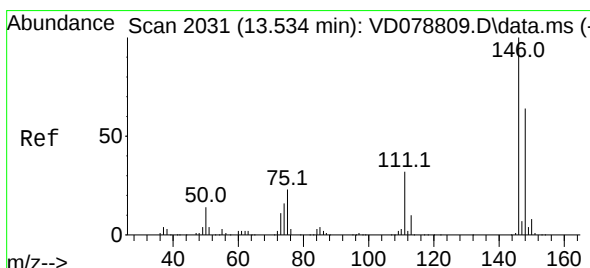
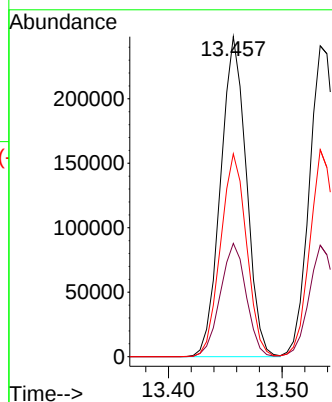
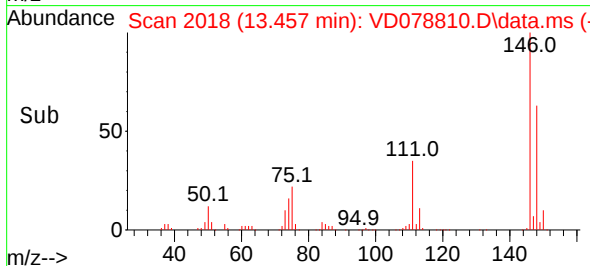


#64
1,3-Dichlorobenzene
Concen: 47.874 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Instrument :
MSVOA_D
ClientSampleId :

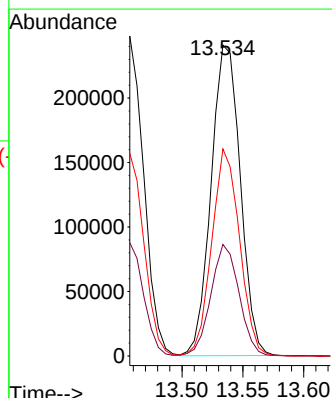
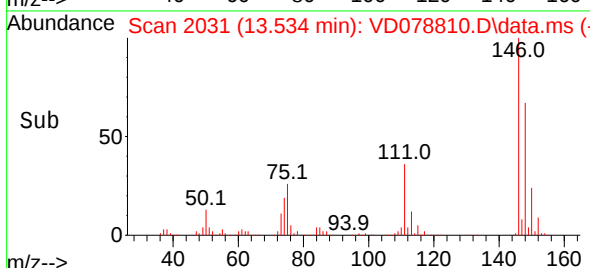
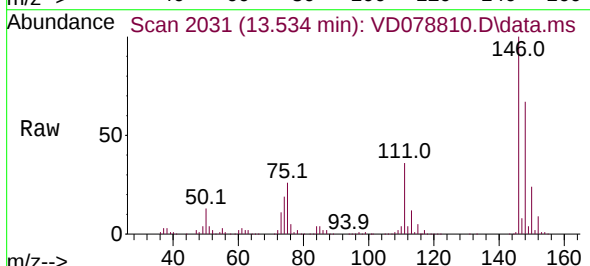


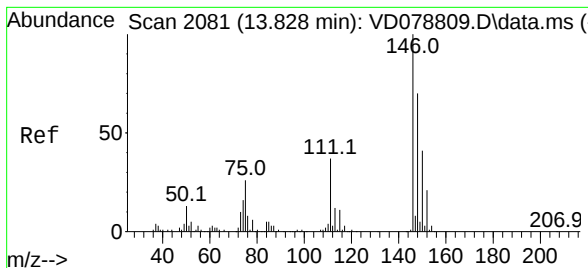
Tgt Ion:146 Resp: 391704
Ion Ratio Lower Upper
146 100
111 35.4 23.7 44.1
148 63.4 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 46.443 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

Tgt Ion:146 Resp: 401858
Ion Ratio Lower Upper
146 100
111 35.9 22.7 42.3
148 66.6 44.9 83.5

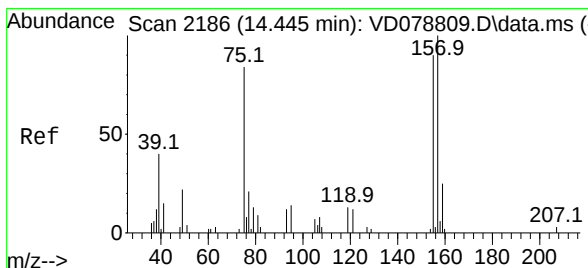
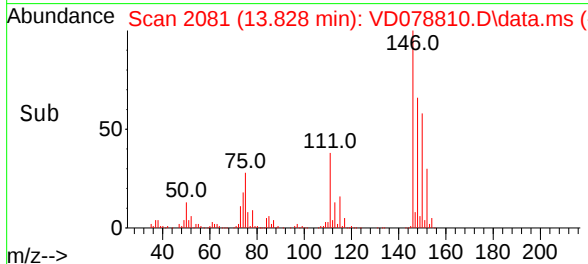
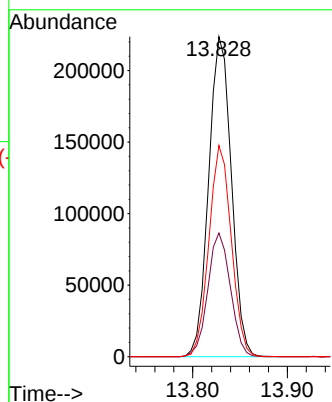
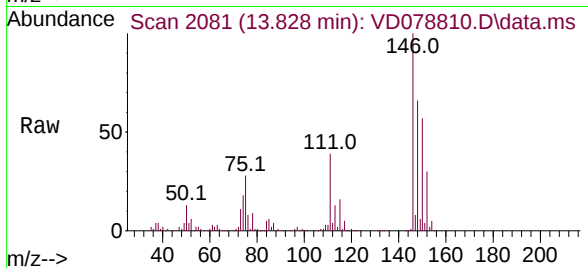




#67
1,2-Dichlorobenzene
Concen: 48.260 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

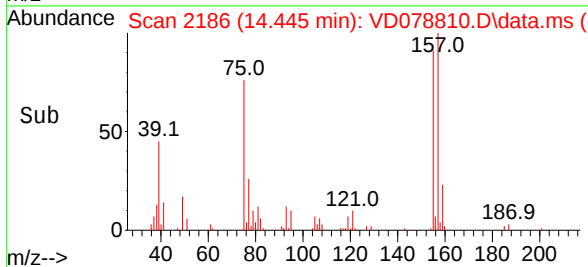
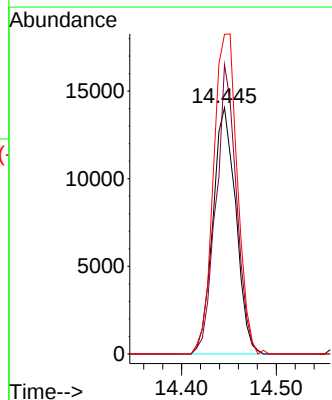
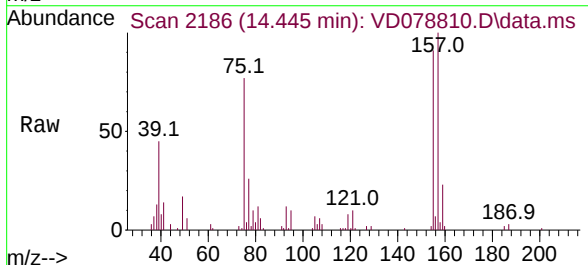
Instrument :
MSVOA_D
ClientSampleId :

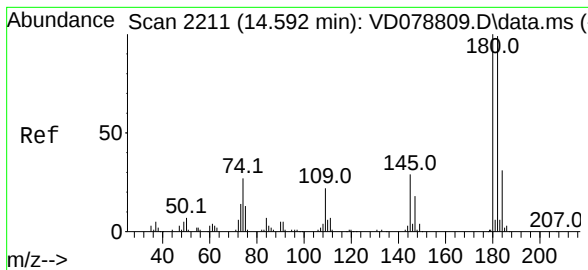
Tgt Ion:146 Resp: 371975
Ion Ratio Lower Upper
146 100
111 38.7 29.5 44.3
148 66.0 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 43.282 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078810.D
Acq: 11 Apr 2024 12:38

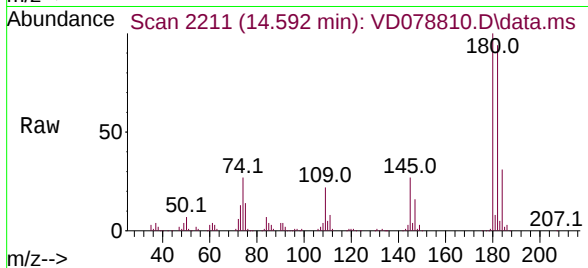
Tgt Ion: 75 Resp: 23628
Ion Ratio Lower Upper
75 100
155 117.6 85.3 127.9
157 129.9 94.7 142.1



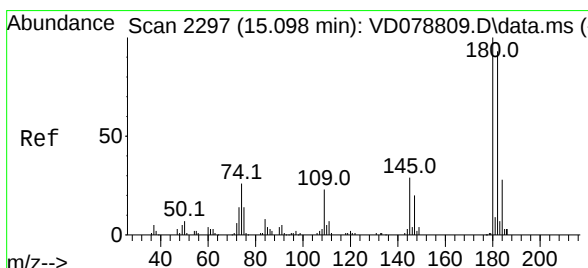
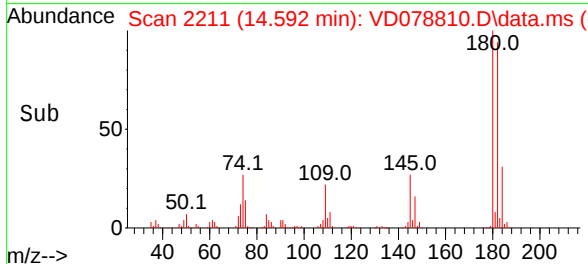
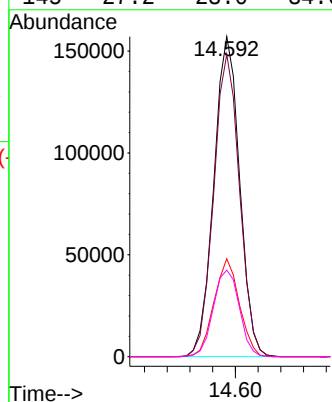


#69
 1,3,5-Trichlorobenzene
 Concen: 47.010 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD078810.D
 Acq: 11 Apr 2024 12:38

Instrument :
 MSVOA_D
 ClientSampleId :

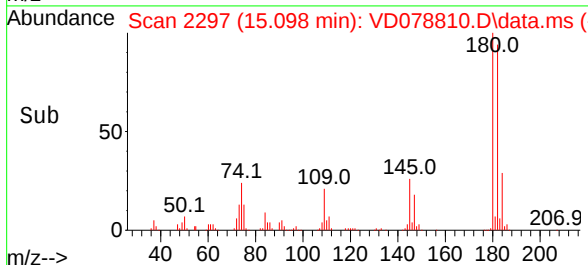
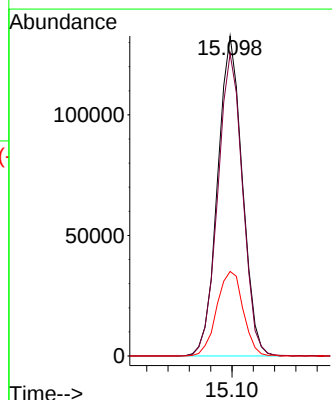
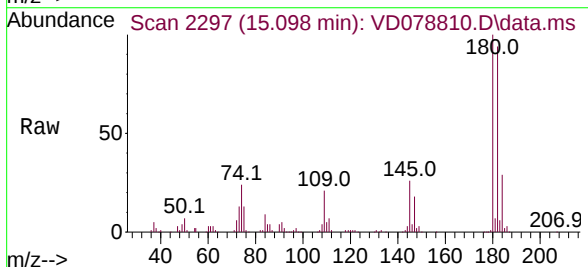


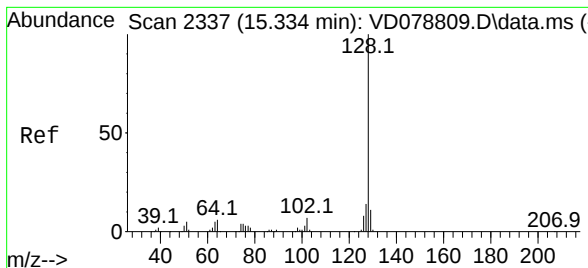
Tgt Ion:180 Resp: 247349
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.0 114.0
 184 30.1 24.5 36.7
 145 27.2 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 48.060 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078810.D
 Acq: 11 Apr 2024 12:38

Tgt Ion:180 Resp: 213251
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.7 112.1
 145 28.2 22.6 33.8





#71

Naphthalene

Concen: 53.408 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Instrument :

MSVOA_D

ClientSampleId :

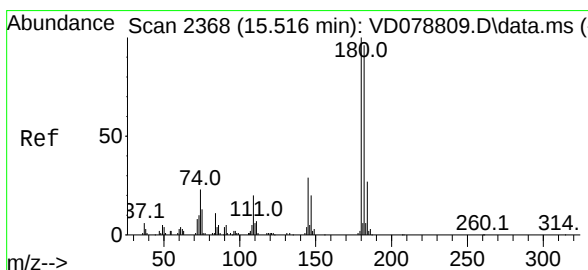
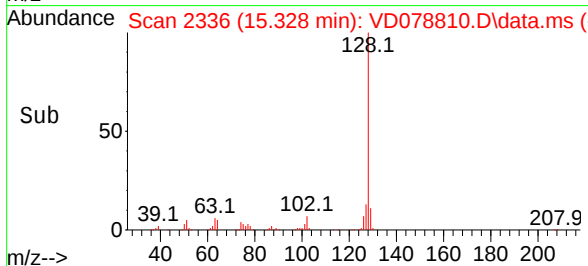
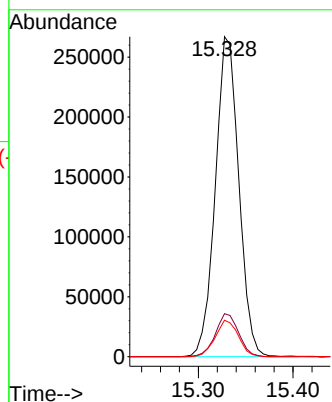
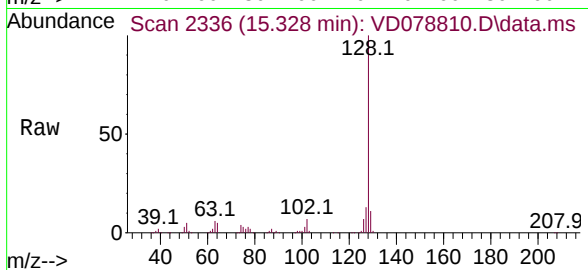
Tgt Ion:128 Resp: 459985

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 49.226 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD078810.D

Acq: 11 Apr 2024 12:38

Tgt Ion:180 Resp: 199993

Ion Ratio Lower Upper

180 100

182 95.5 78.1 117.1

145 29.6 24.4 36.6

