

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022824\
 Data File : VD078565.D
 Acq On : 28 Feb 2024 10:16
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 28 23:01:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 01:48:04 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.775	114	203270	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.581	117	206842	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.516	152	107520	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.269	65	202904	26.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.400%		
7) Chloroethane-d5		2.793	69	177579	26.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.440%		
11) 1,1-Dichloroethene-d2		3.916	65	29762	23.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.160%		
21) 2-Butanone-d5		6.981	46	30054	51.712	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.420%		
24) Chloroform-d		7.569	84	140319	24.706	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.840%		
26) 1,2-Dichloroethane-d4		8.228	65	69678	25.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.360%		
32) Benzene-d6		8.199	84	296290	25.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.080%		
36) 1,2-Dichloropropane-d6		9.204	67	85466	24.403	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.600%		
41) Toluene-d8		10.269	98	269530	24.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.520%		
43) trans-1,3-Dichloroprop...		10.528	79	36852	25.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.880%		
47) 2-Hexanone-d5		10.875	63	30623	58.201	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.400%		
56) 1,1,2,2-Tetrachloroeth...		12.651	84	75972	25.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.920%		
66) 1,2-Dichlorobenzene-d4		13.816	152	94137	24.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.680%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.934	85	98517	26.644	ug/L	99
3) Chloromethane		2.152	50	156690	29.030	ug/L	98
5) Vinyl chloride		2.281	62	232592	27.576	ug/L	99
6) Bromomethane		2.693	94	119960	26.387	ug/L	97
8) Chloroethane		2.834	64	153380	27.498	ug/L	98
9) Trichlorofluoromethane		3.164	101	133707	27.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		3.958	101	86228	26.894	ug/L	99
12) 1,1-Dichloroethene		3.934	96	74865	27.298	ug/L	90
13) Acetone		4.022	43	47611	69.013	ug/L	75
14) Carbon disulfide		4.269	76	234670	25.502	ug/L	100
15) Methyl Acetate		4.558	43	30756	31.387	ug/L #	72
16) Methylene chloride		4.799	84	85824	22.986	ug/L	89
17) trans-1,2-Dichloroethene		5.305	96	82517	27.207	ug/L	94
18) Methyl tert-butyl Ether		5.316	73	171177	29.678	ug/L	98
19) 1,1-Dichloroethane		6.110	63	139094	27.310	ug/L	98
20) cis-1,2-Dichloroethene		7.081	96	90346	27.291	ug/L	94
22) 2-Butanone		7.081	43	50897	64.464	ug/L	97
23) Bromochloromethane		7.428	128	41968	28.552	ug/L	98
25) Chloroform		7.593	83	159145	27.681	ug/L	91

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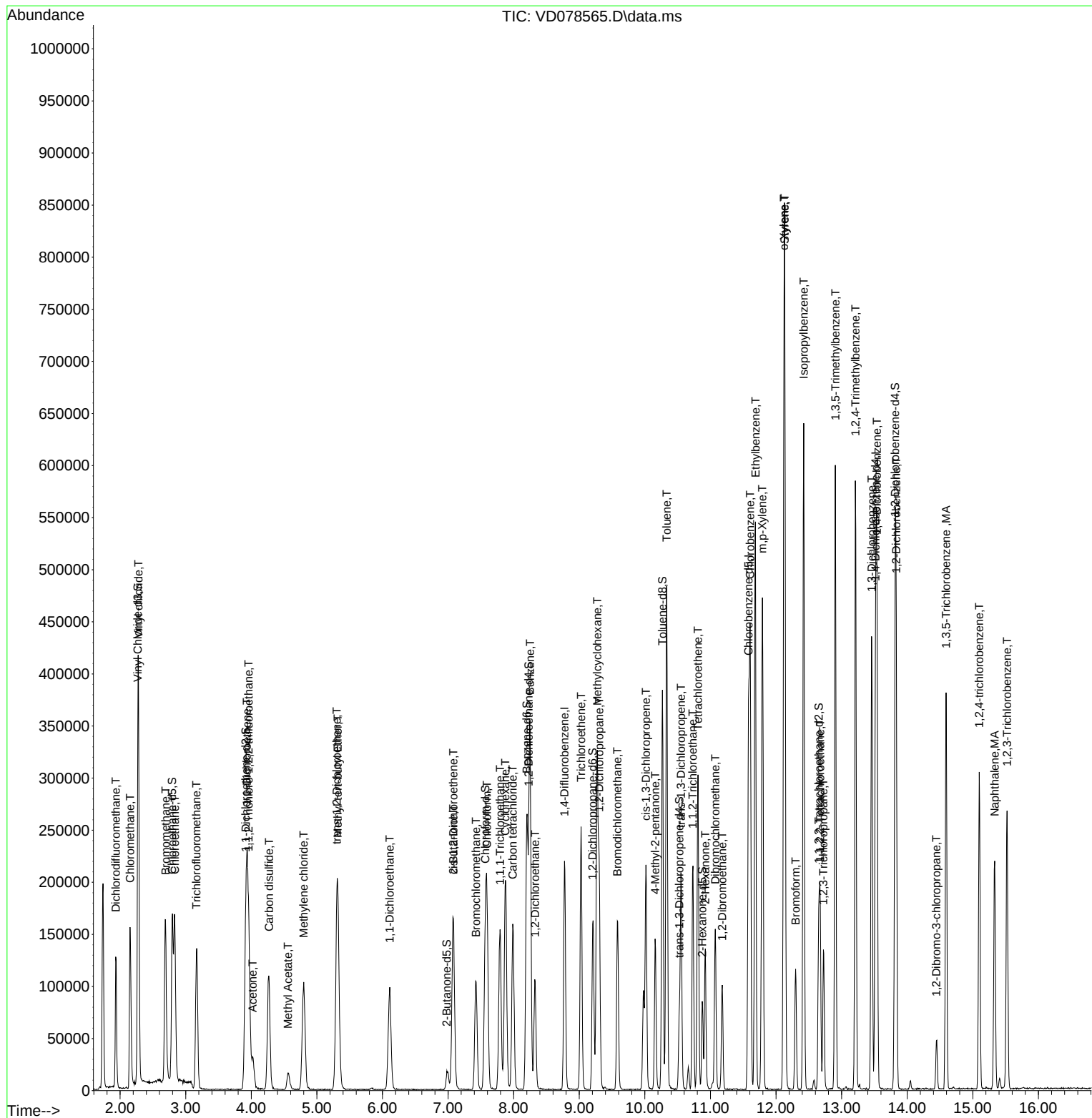
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	91959	29.019	ug/L	98
29) Cyclohexane	7.875	56	110065	27.663	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	129994	27.487	ug/L	97
31) Carbon tetrachloride	7.987	117	112812	26.744	ug/L	98
33) Benzene	8.251	78	341509	27.599	ug/L	100
34) Trichloroethene	9.028	95	86204	26.794	ug/L	92
35) Methylcyclohexane	9.275	83	139166	26.790	ug/L	98
37) 1,2-Dichloropropane	9.304	63	85615	28.117	ug/L	99
38) Bromodichloromethane	9.581	83	114945	27.683	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	133485	28.221	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	88259	62.840	ug/L	100
42) Toluene	10.334	91	374104	27.573	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	114810	28.110	ug/L	100
45) 1,1,2-Trichloroethane	10.728	97	70207	28.477	ug/L	98
46) Tetrachloroethene	10.810	164	69789	26.393	ug/L	98
48) 2-Hexanone	10.922	43	80268	68.883	ug/L	99
49) Dibromochloromethane	11.075	129	82593	28.543	ug/L	98
50) 1,2-Dibromoethane	11.181	107	67013	28.607	ug/L #	92
51) Chlorobenzene	11.604	112	240614	26.924	ug/L	99
52) Ethylbenzene	11.687	91	403602	27.379	ug/L	99
53) m,p-Xylene	11.792	106	158352	27.855	ug/L	97
54) o-Xylene	12.122	106	153749	27.828	ug/L	100
55) Styrene	12.134	104	278836	28.441	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	85311	29.731	ug/L	98
59) Bromoform	12.298	173	51658	29.358	ug/L	98
60) Isopropylbenzene	12.422	105	411661	28.176	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	55314	30.457	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	315402	28.412	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	312638	28.703	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	188395	27.964	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	194067	27.362	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	172127	27.991	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11960	31.748	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	118474	27.176	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	97425	26.777	ug/L	99
71) Naphthalene	15.333	128	199349	29.955	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	89939	27.961	ug/L	99

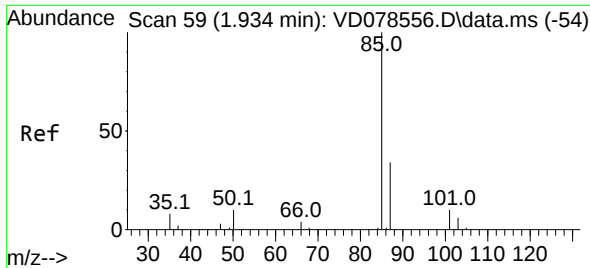
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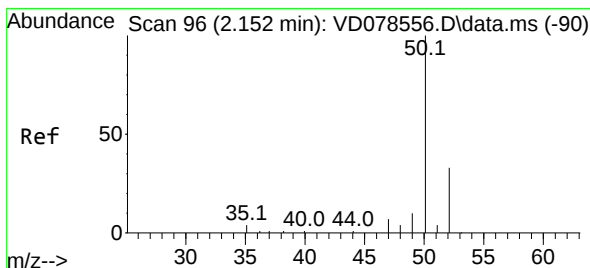
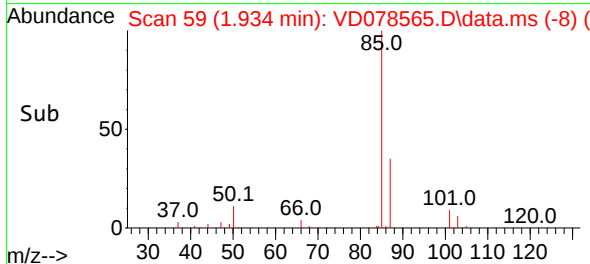
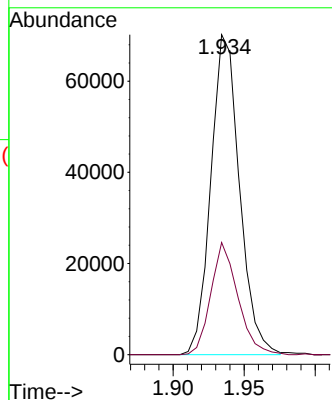
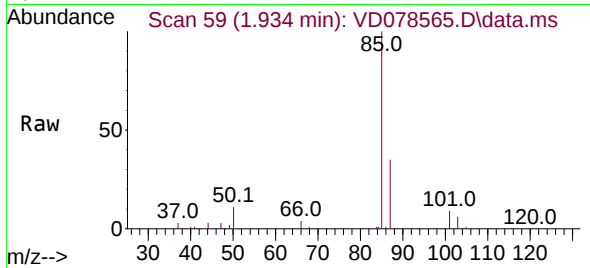




#2
 Dichlorodifluoromethane
 Concen: 26.644 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

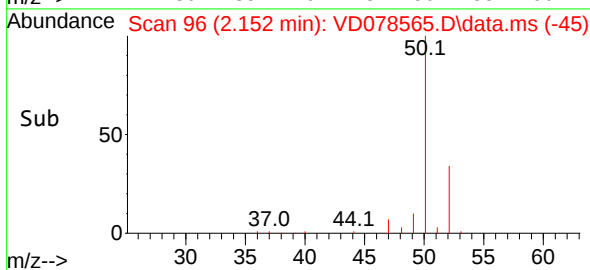
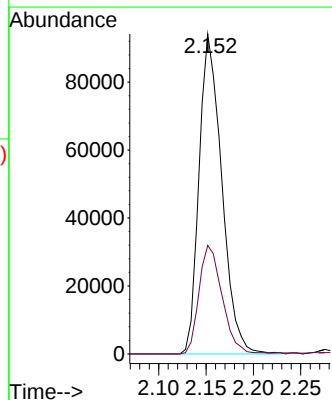
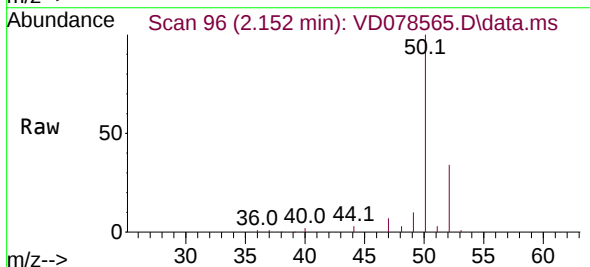
Instrument :
 MSVOA_D
 ClientSampleId :

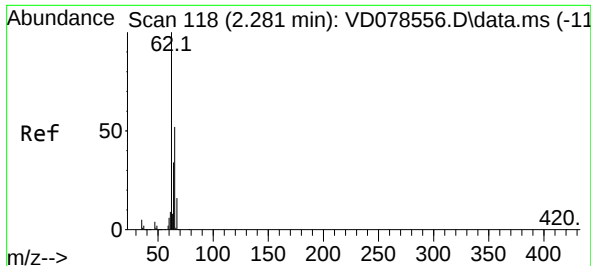
Tgt Ion: 85 Resp: 98517
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.2



#3
 Chloromethane
 Concen: 29.030 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

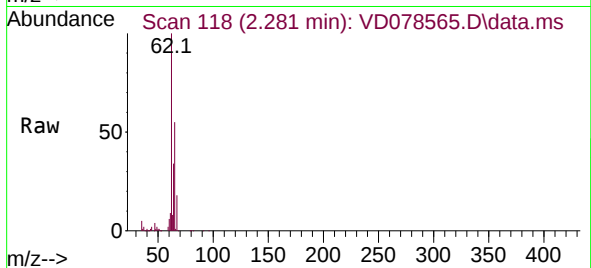
Tgt Ion: 50 Resp: 156690
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.1 42.9



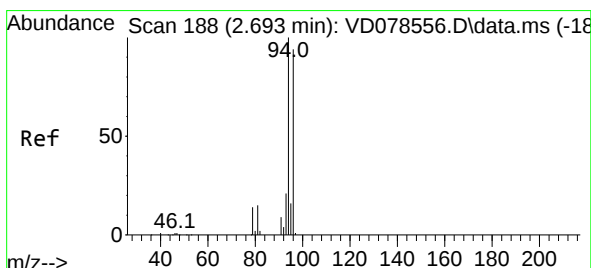
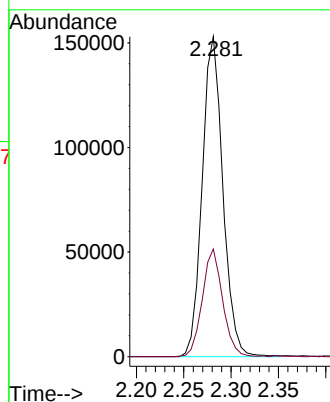
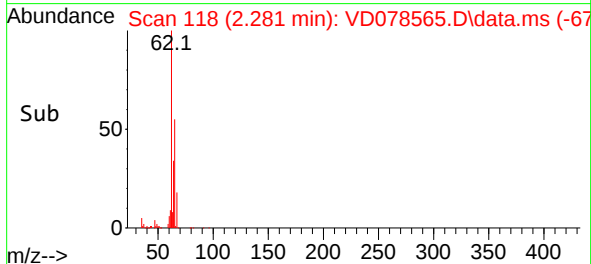


#5
 Vinyl chloride
 Concen: 27.576 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

Instrument :
 MSVOA_D
 ClientSampleId :

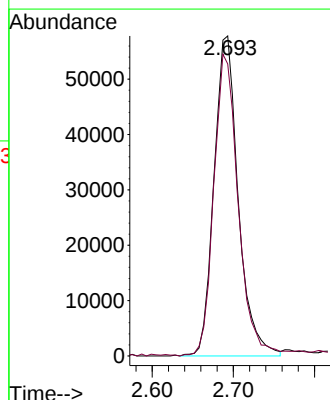
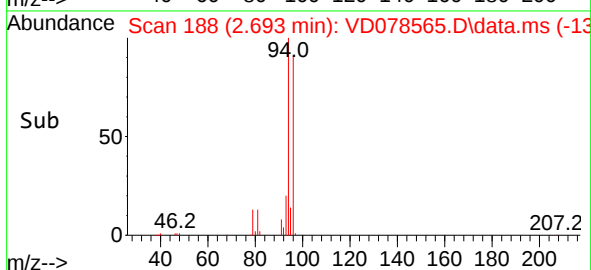
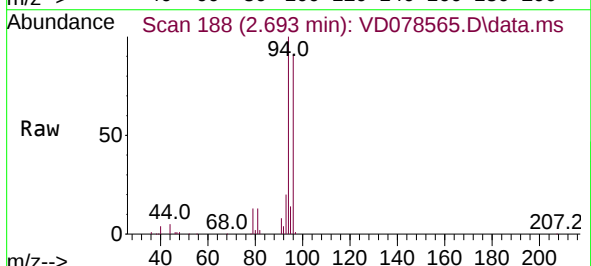


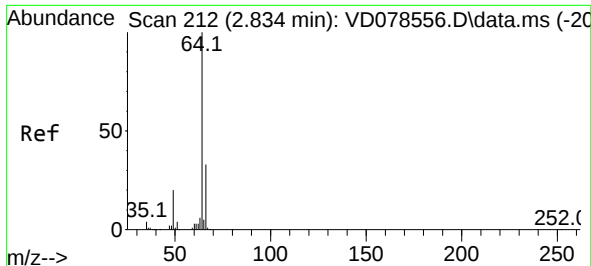
Tgt Ion: 62 Resp: 232592
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.0 44.6



#6
 Bromomethane
 Concen: 26.387 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

Tgt Ion: 94 Resp: 119960
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.9 122.5

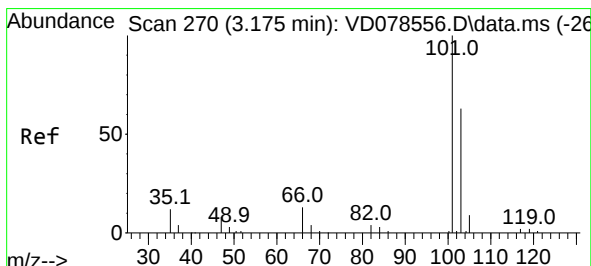
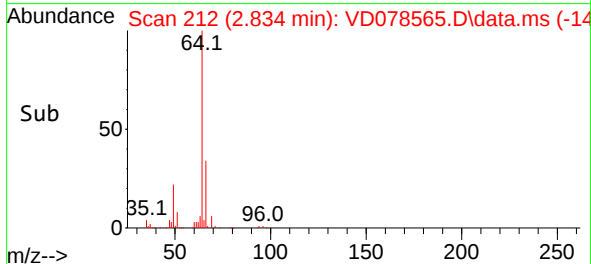
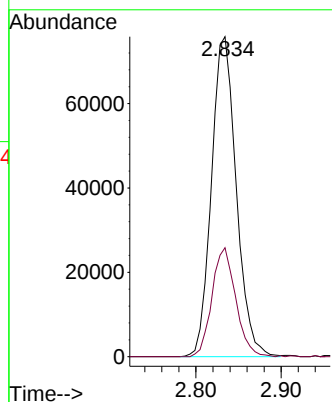
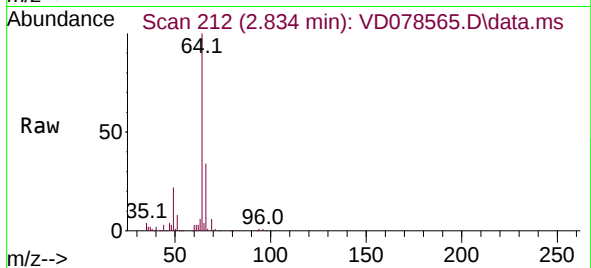




#8
Chloroethane
Concen: 27.498 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

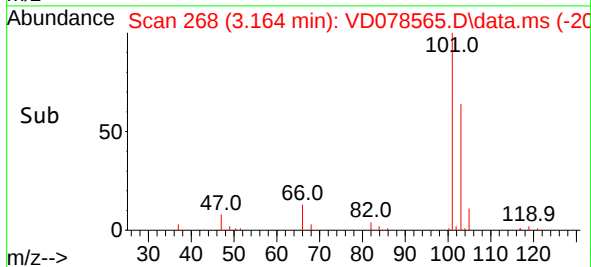
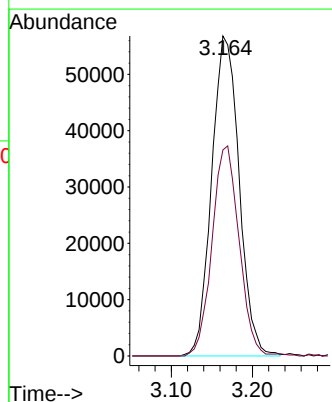
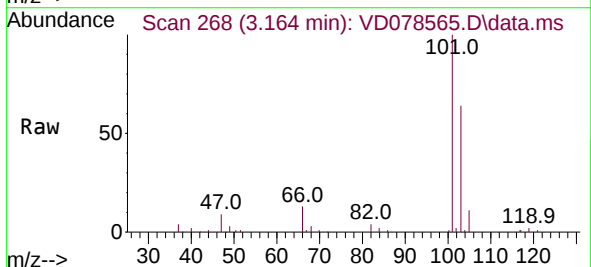
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MSVOA_D
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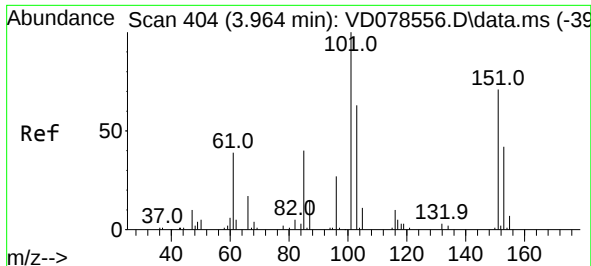
Tgt Ion: 64 Resp: 153380
Ion Ratio Lower Upper
64 100
66 34.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 27.202 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.012 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion:101 Resp: 133707
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

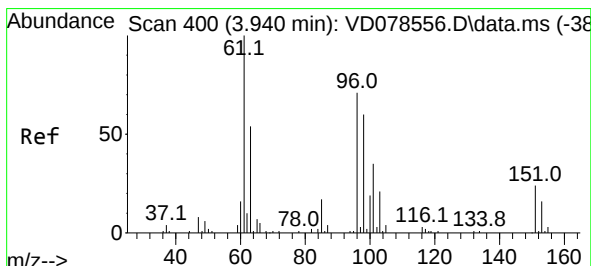
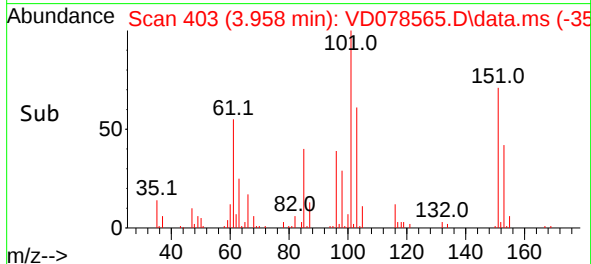
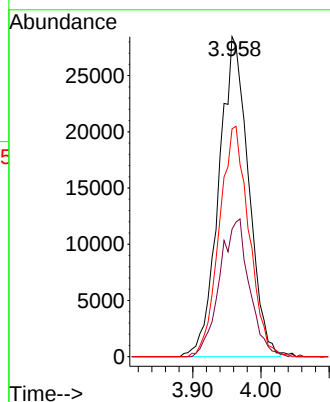
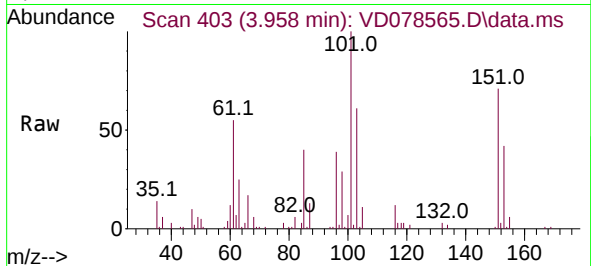




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.894 ug/L
 RT: 3.958 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

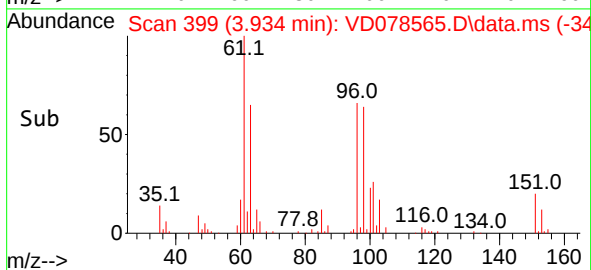
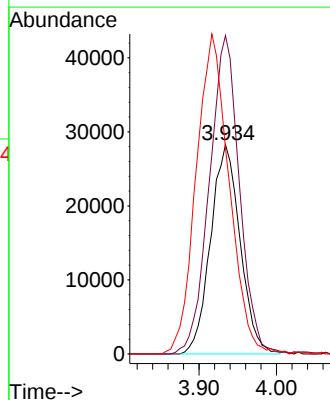
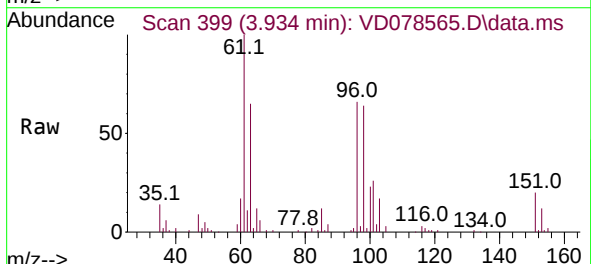
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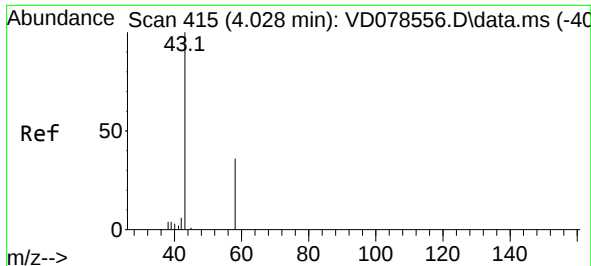
Tgt Ion:101 Resp: 86228
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.2 54.2
 151 72.0 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 27.298 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

Tgt Ion: 96 Resp: 74865
 Ion Ratio Lower Upper
 96 100
 61 152.0 99.3 184.3
 63 98.2 60.6 112.6





#13

Acetone

Concen: 69.013 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

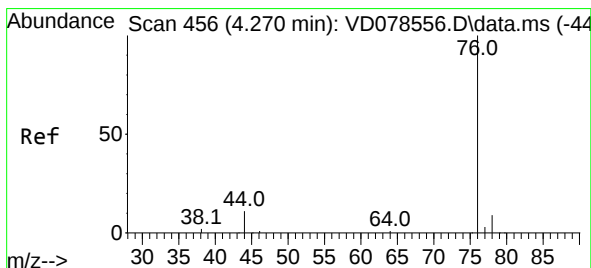
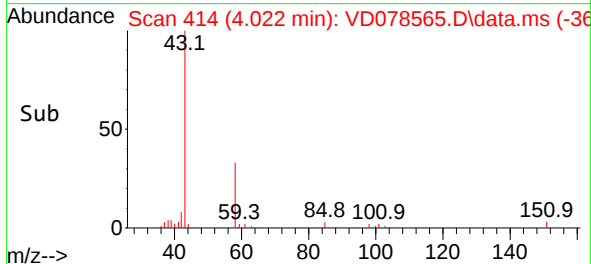
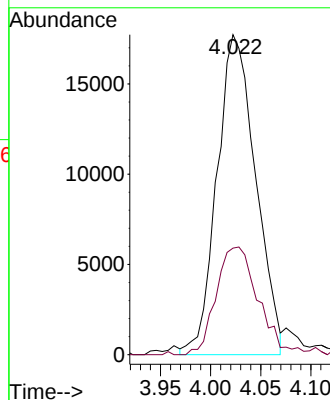
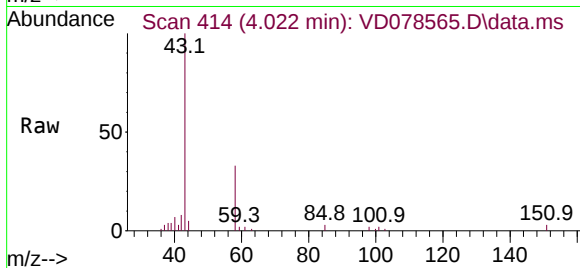
ClientSampleId :

Tgt Ion: 43 Resp: 47611

Ion Ratio Lower Upper

43 100

58 35.5 0.0 46.2



#14

Carbon disulfide

Concen: 25.502 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

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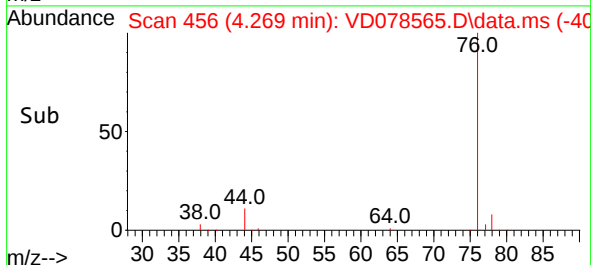
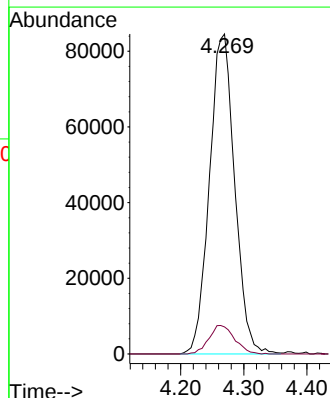
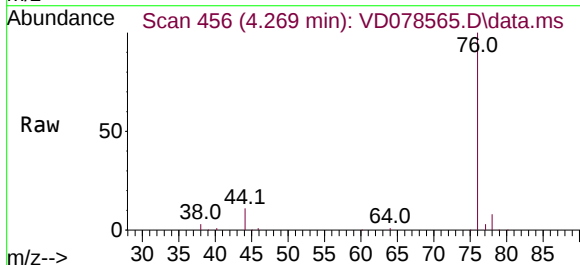
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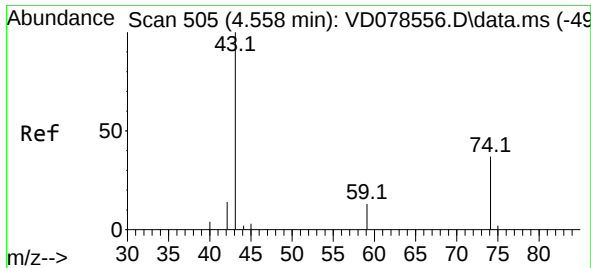
Tgt Ion: 76 Resp: 234670

Ion Ratio Lower Upper

76 100

78 8.4 6.9 10.3

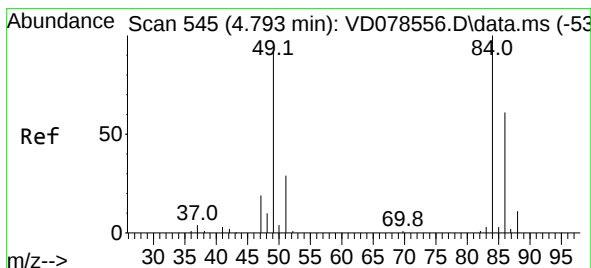
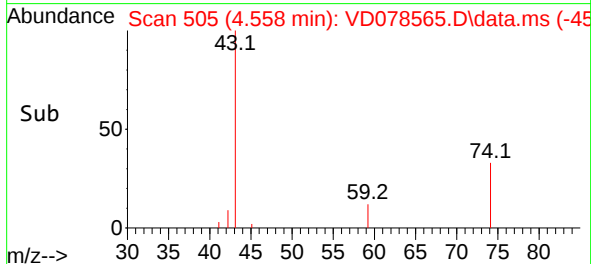
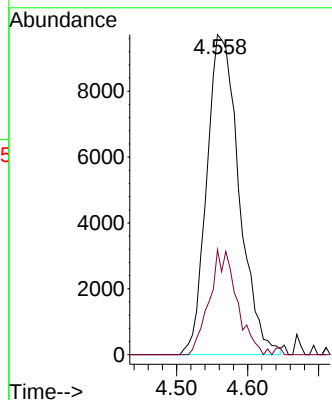
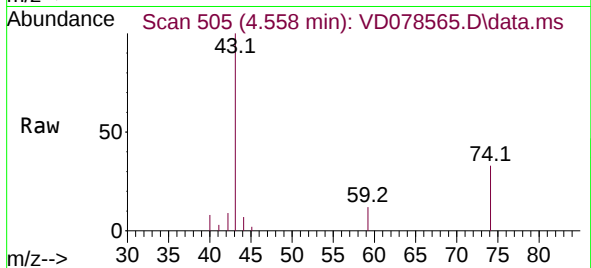




#15
Methyl Acetate
Concen: 31.387 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

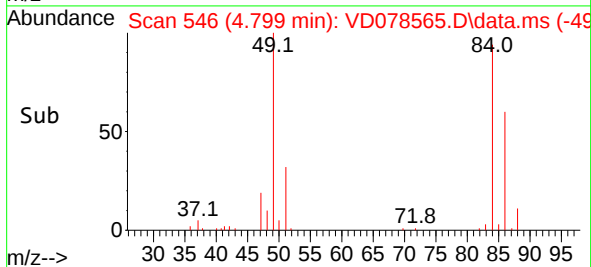
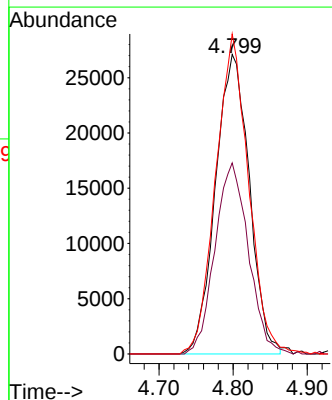
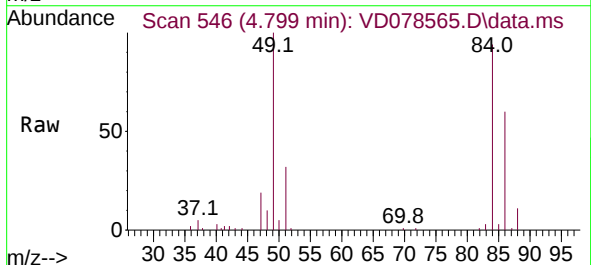
Instrument :
MSVOA_D
ClientSampleId :

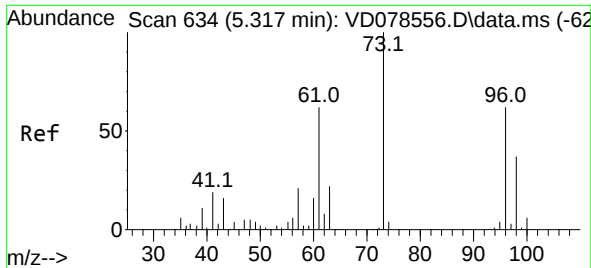
Tgt Ion: 43 Resp: 30756
Ion Ratio Lower Upper
43 100
74 13.9 23.0 34.6#



#16
Methylene chloride
Concen: 22.986 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion: 84 Resp: 85824
Ion Ratio Lower Upper
84 100
86 63.8 42.6 79.2
49 106.8 64.3 119.3





#17

trans-1,2-Dichloroethene

Concen: 27.207 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

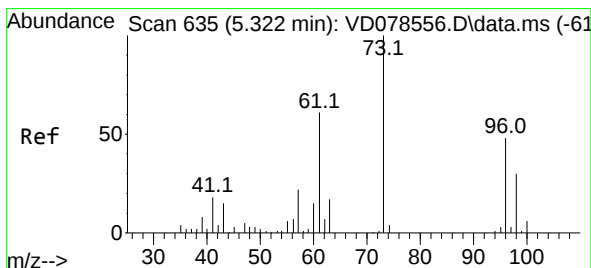
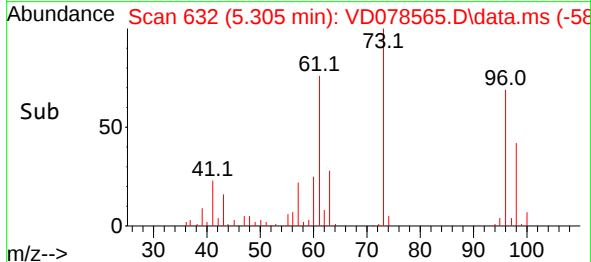
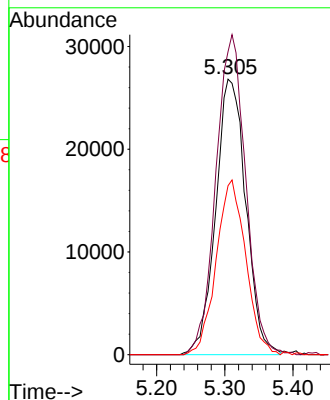
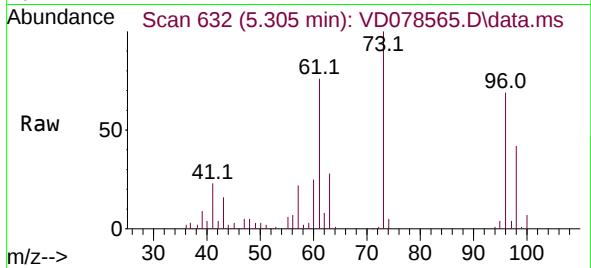
Tgt Ion: 96 Resp: 82517

Ion Ratio Lower Upper

96 100

61 110.0 70.9 131.7

98 61.3 42.1 78.1



#18

Methyl tert-butyl Ether

Concen: 29.678 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

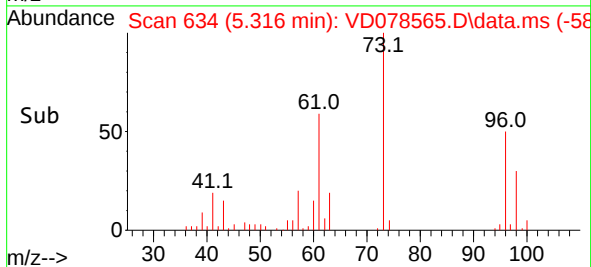
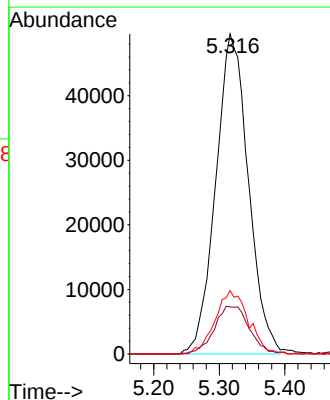
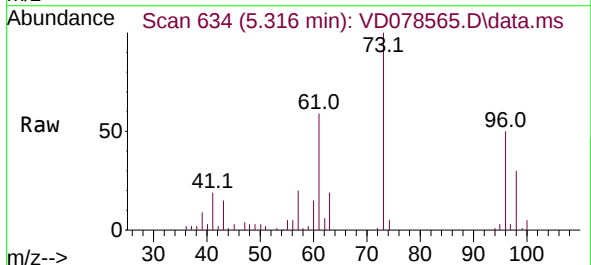
Tgt Ion: 73 Resp: 171177

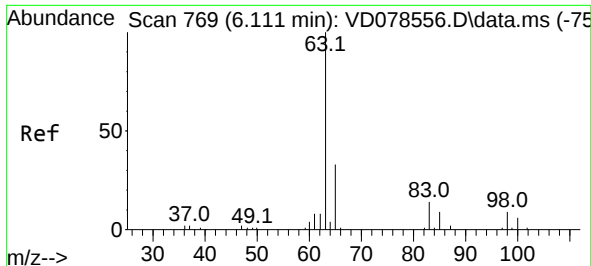
Ion Ratio Lower Upper

73 100

43 9.4 7.4 11.2

57 20.1 15.0 22.6





#19

1,1-Dichloroethane

Concen: 27.310 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

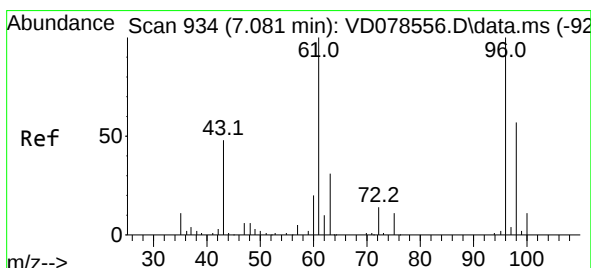
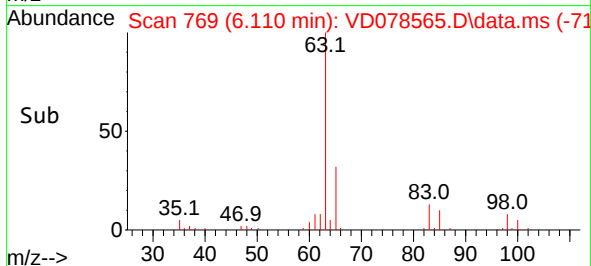
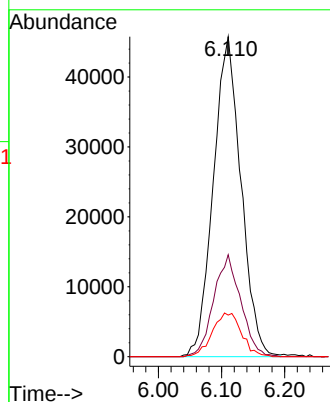
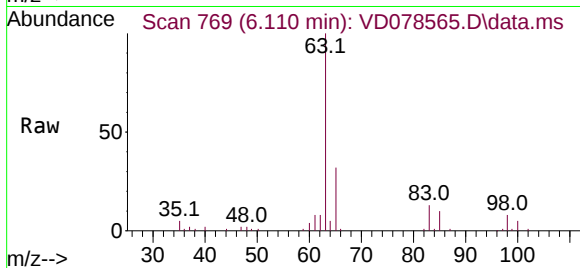
Tgt Ion: 63 Resp: 139094

Ion Ratio Lower Upper

63 100

65 31.8 22.7 42.3

83 13.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 27.291 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

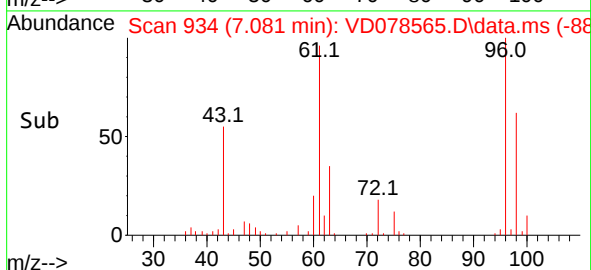
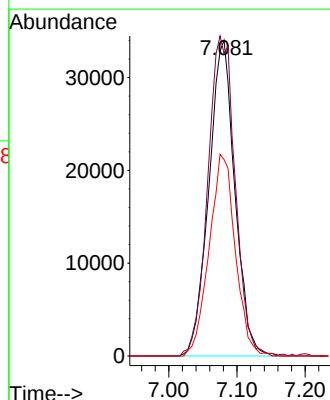
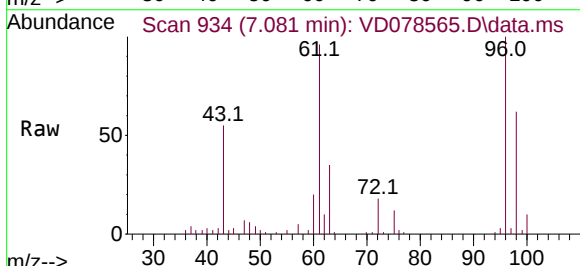
Tgt Ion: 96 Resp: 90346

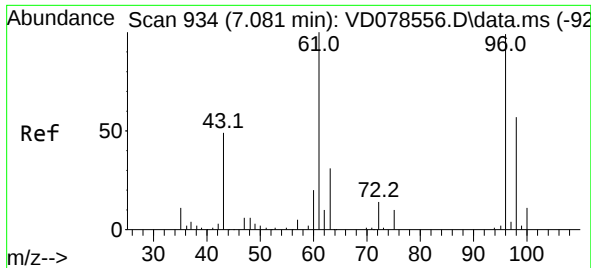
Ion Ratio Lower Upper

96 100

61 95.8 70.6 131.0

98 62.2 39.8 73.8

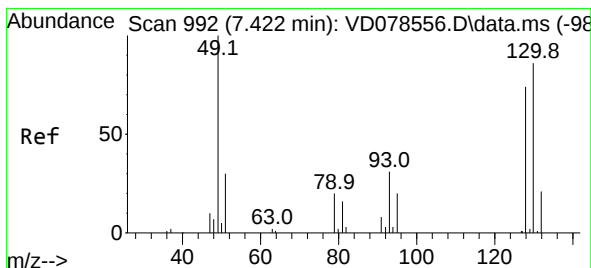
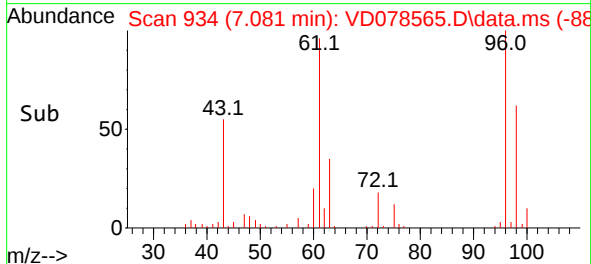
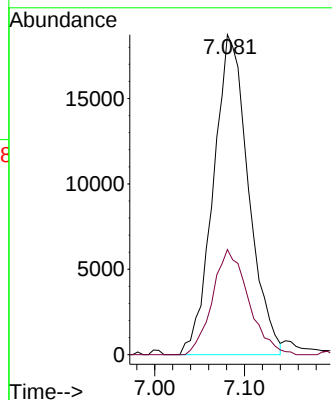
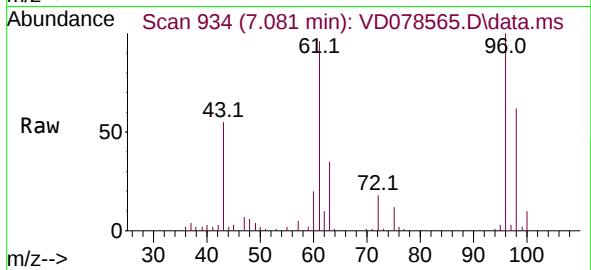




#22
2-Butanone
Concen: 64.464 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

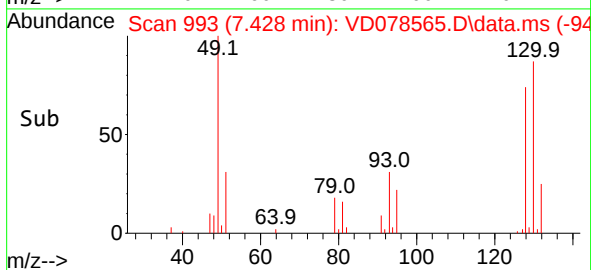
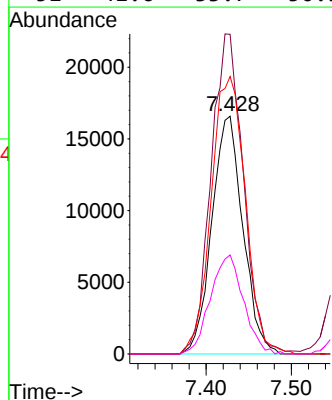
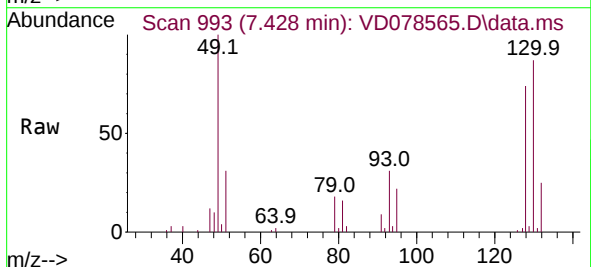
Instrument :
MSVOA_D
ClientSampleId :

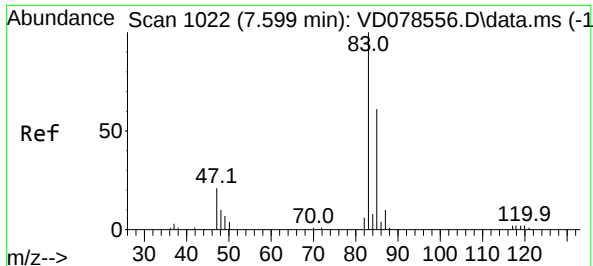
Tgt Ion: 43 Resp: 50897
Ion Ratio Lower Upper
43 100
72 33.7 16.1 48.2



#23
Bromochloromethane
Concen: 28.552 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion:128 Resp: 41968
Ion Ratio Lower Upper
128 100
49 134.4 96.7 179.5
130 116.7 83.2 154.4
51 41.6 33.7 50.5





#25

Chloroform

Concen: 27.681 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

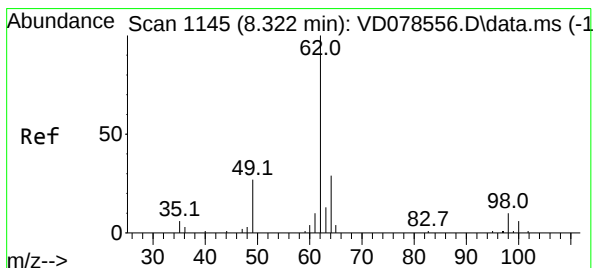
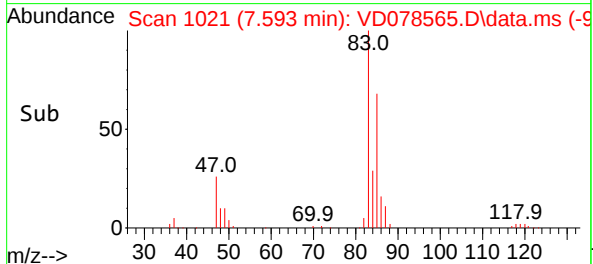
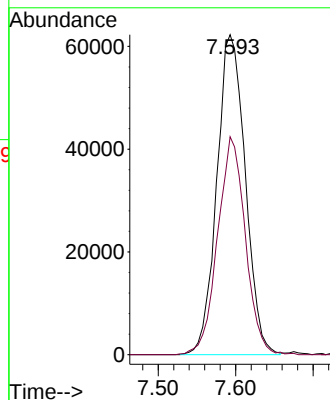
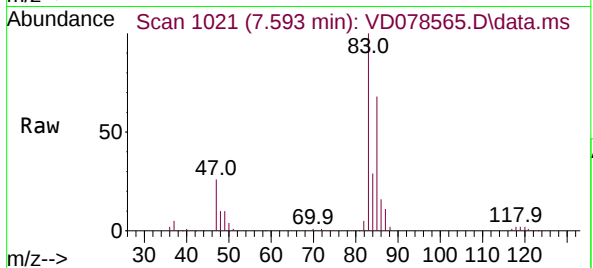
ClientSampleId :

Tgt Ion: 83 Resp: 159145

Ion Ratio Lower Upper

83 100

85 68.1 43.0 80.0



#27

1,2-Dichloroethane

Concen: 29.019 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD078565.D

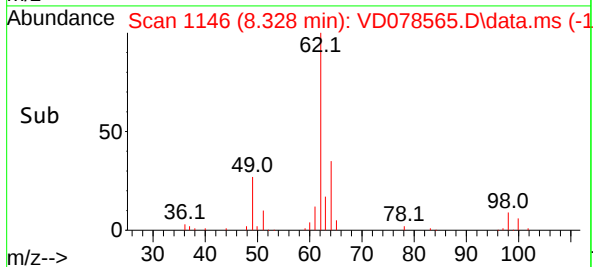
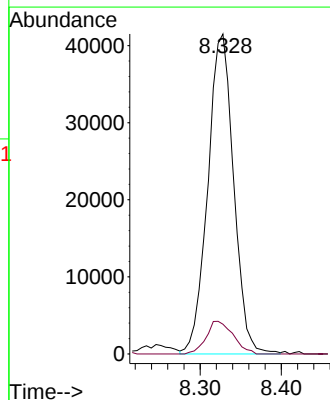
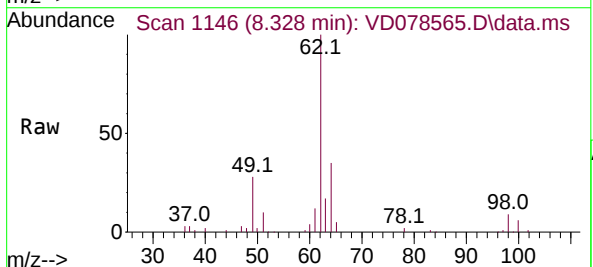
Acq: 28 Feb 2024 10:16

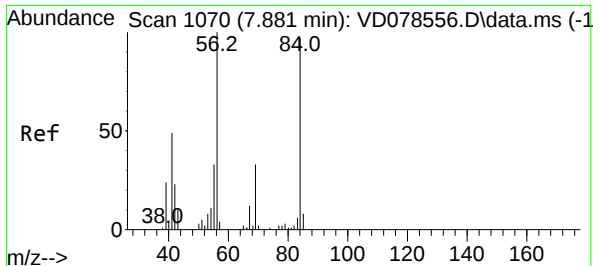
Tgt Ion: 62 Resp: 91959

Ion Ratio Lower Upper

62 100

98 9.3 8.1 12.1





#29

Cyclohexane

Concen: 27.663 ug/L

RT: 7.875 min Scan# 110065

Delta R.T. -0.006 min

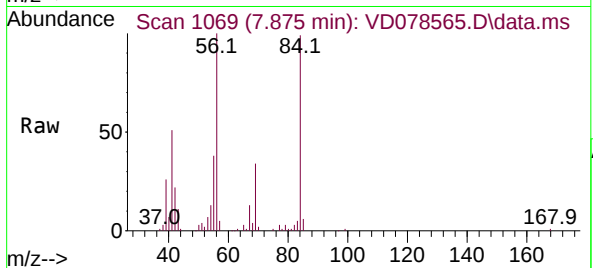
Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :



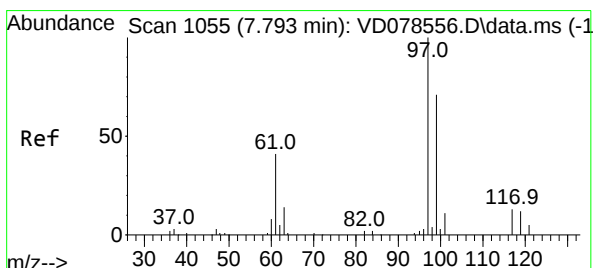
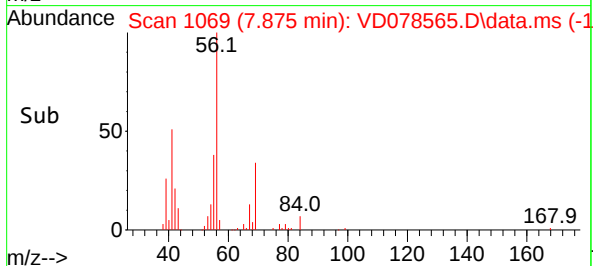
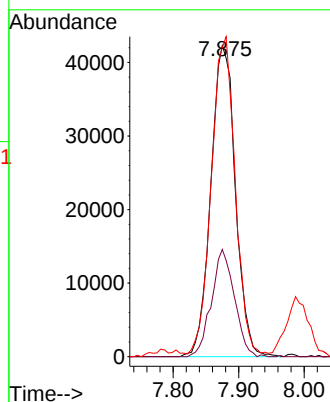
Tgt Ion: 56 Resp: 110065

Ion Ratio Lower Upper

56 100

69 32.0 25.2 37.8

84 100.1 80.1 120.1



#30

1,1,1-Trichloroethane

Concen: 27.487 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

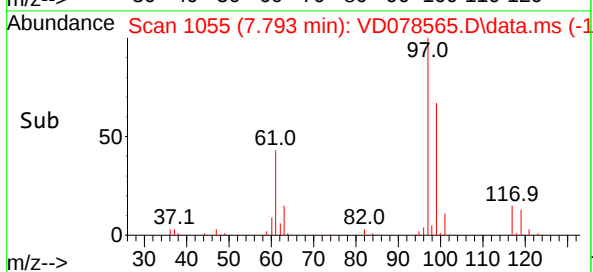
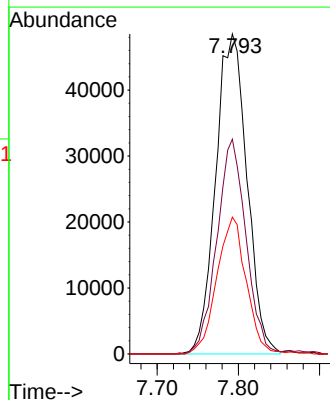
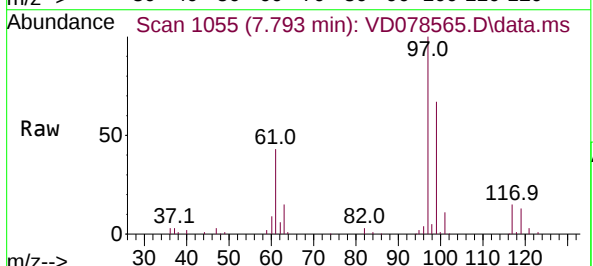
Tgt Ion: 97 Resp: 129994

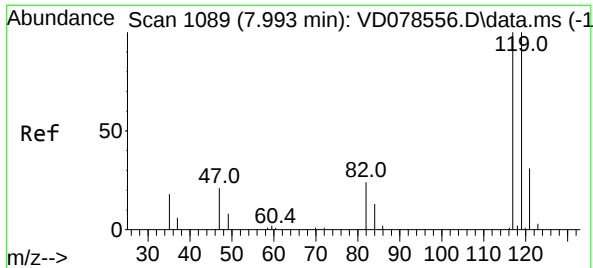
Ion Ratio Lower Upper

97 100

99 62.5 52.3 78.5

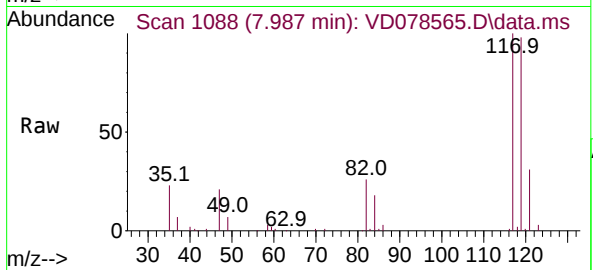
61 40.0 33.6 50.4



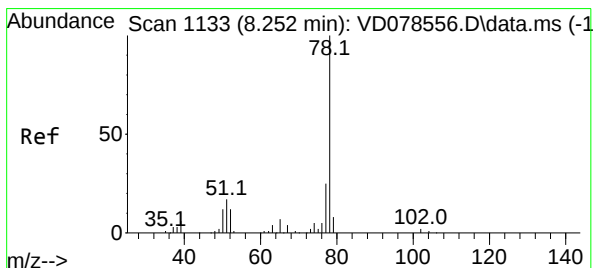
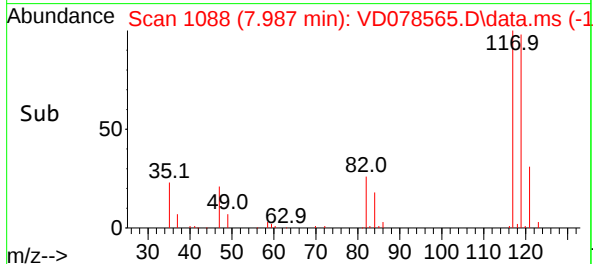
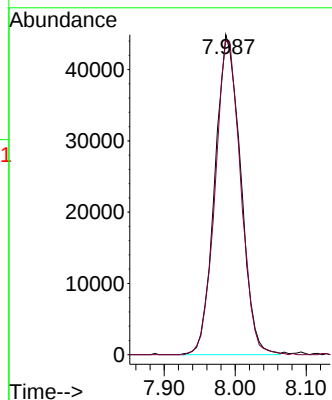


#31
Carbon tetrachloride
Concen: 26.744 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Instrument :
MSVOA_D
ClientSampleId :

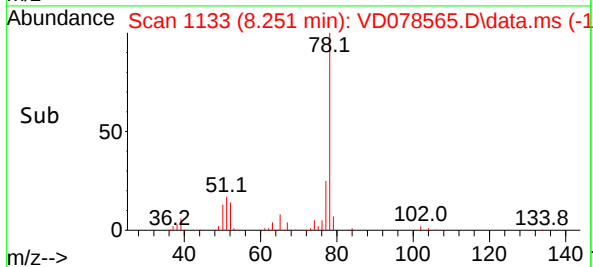
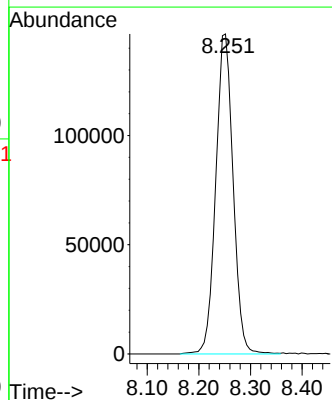
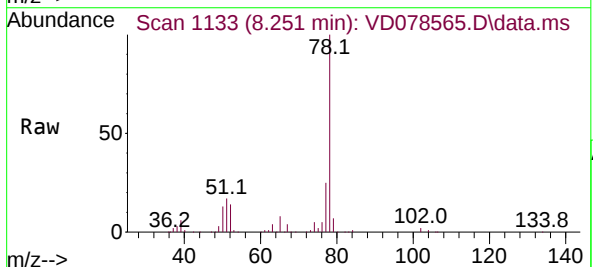


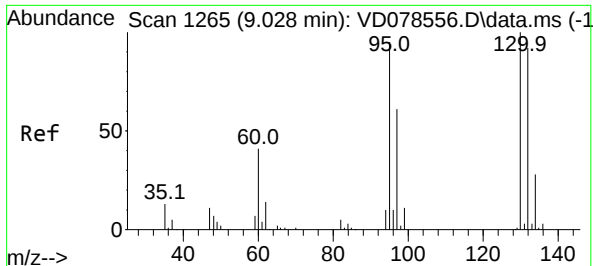
Tgt Ion:117 Resp: 112812
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2



#33
Benzene
Concen: 27.599 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion: 78 Resp: 341509





#34

Trichloroethene

Concen: 26.794 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

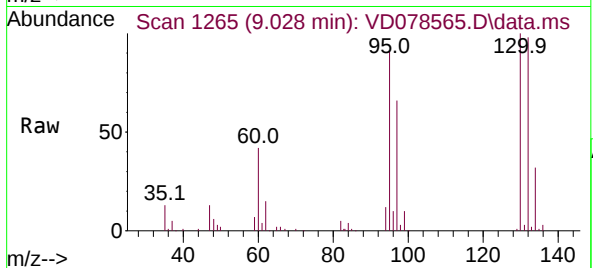
Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 86204

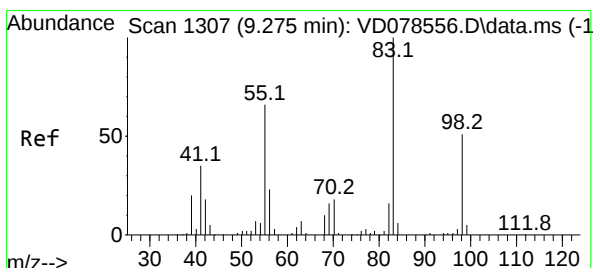
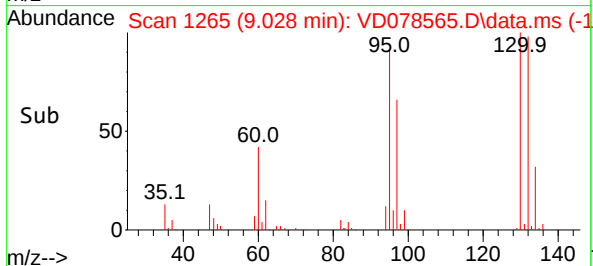
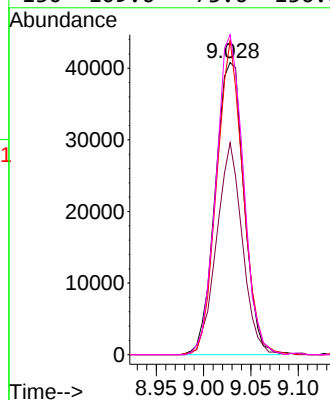
Ion Ratio Lower Upper

95 100

97 72.6 44.9 83.5

132 107.5 67.9 126.1

130 109.6 73.6 136.8



#35

Methylcyclohexane

Concen: 26.790 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

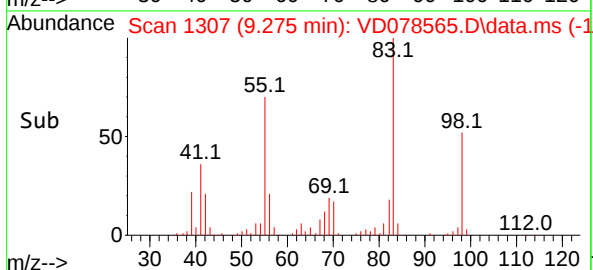
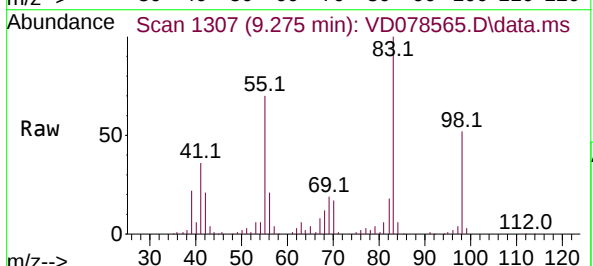
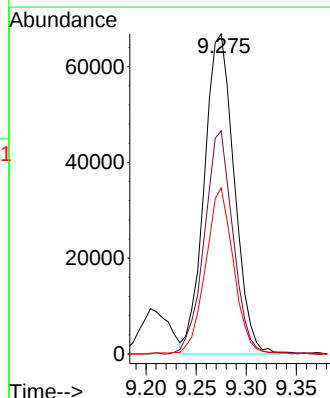
Tgt Ion: 83 Resp: 139166

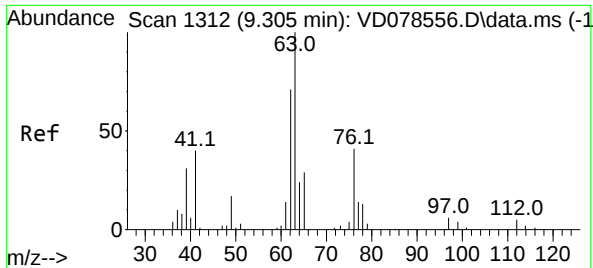
Ion Ratio Lower Upper

83 100

55 66.3 52.2 78.2

98 48.2 40.5 60.7

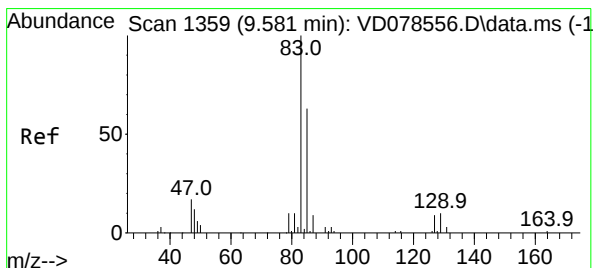
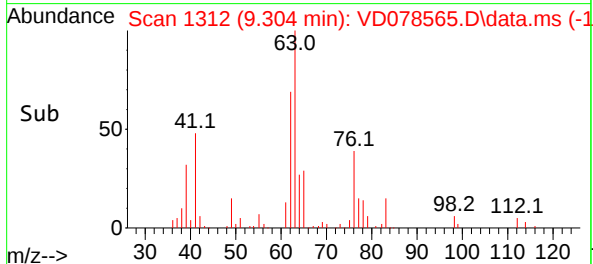
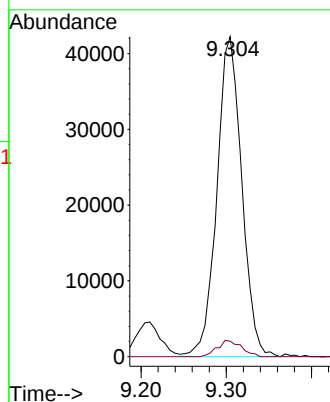
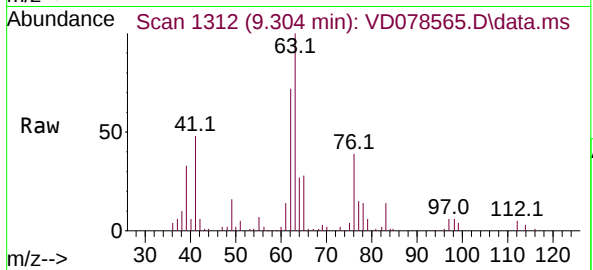




#37
1,2-Dichloropropane
Concen: 28.117 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

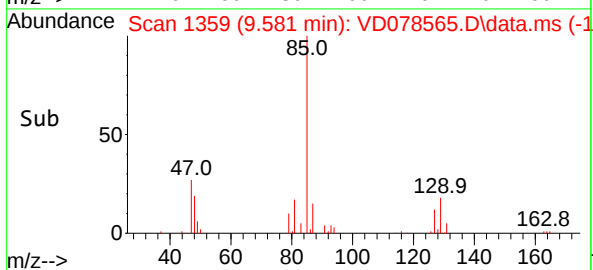
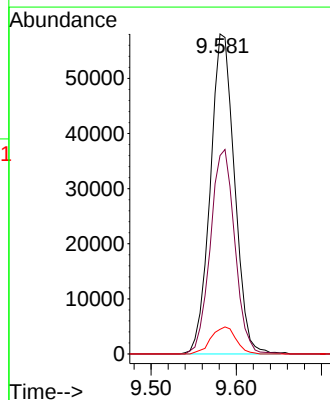
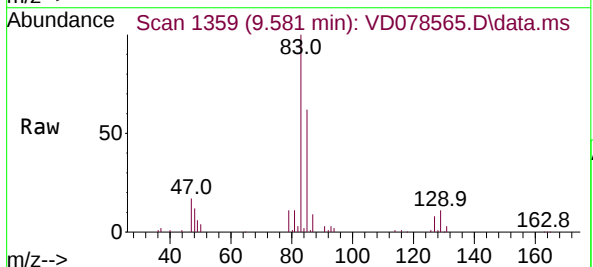
Instrument :
MSVOA_D
ClientSampleId :

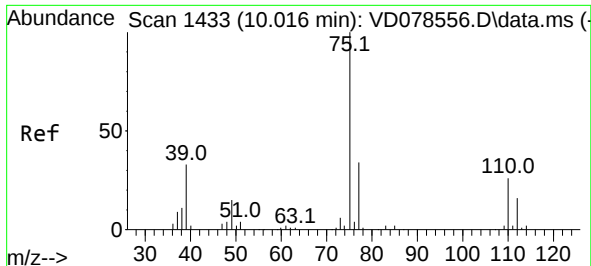
Tgt Ion: 63 Resp: 85615
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 27.683 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion: 83 Resp: 114945
Ion Ratio Lower Upper
83 100
85 62.0 44.0 81.8
127 7.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 28.221 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

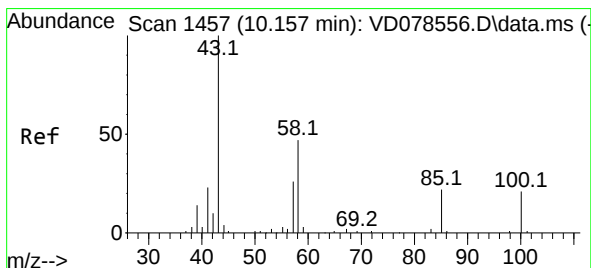
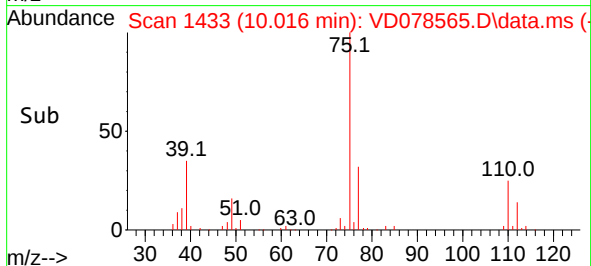
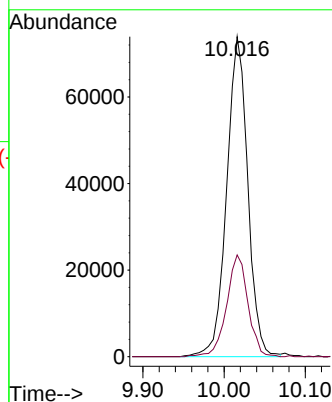
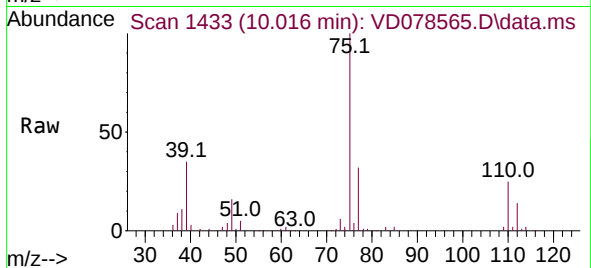
ClientSampleId :

Tgt Ion: 75 Resp: 133485

Ion Ratio Lower Upper

75 100

77 31.8 23.7 43.9



#40

4-Methyl-2-pentanone

Concen: 62.840 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

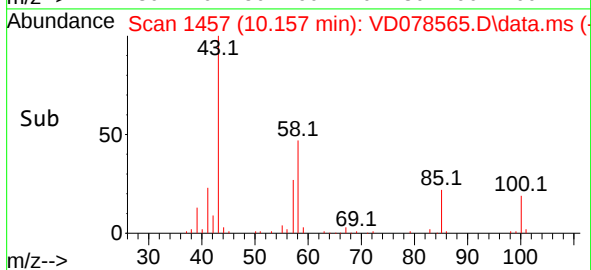
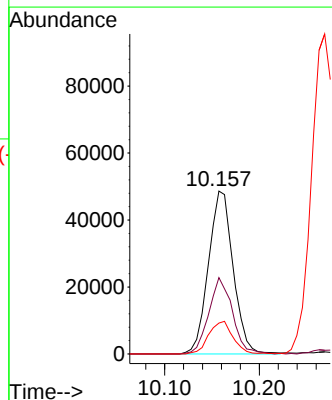
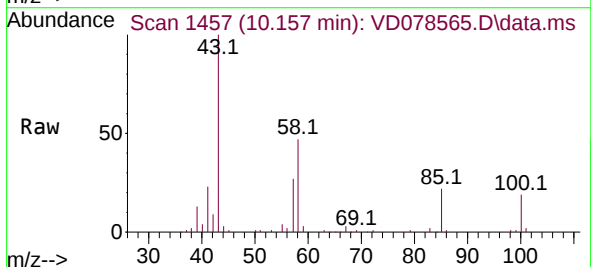
Tgt Ion: 43 Resp: 88259

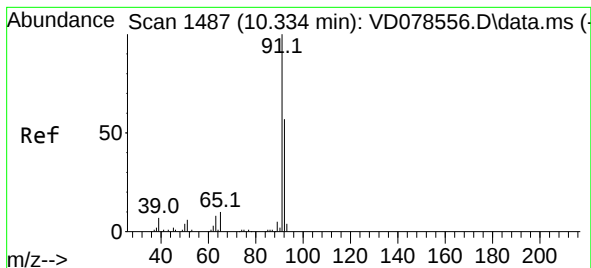
Ion Ratio Lower Upper

43 100

58 44.7 36.2 54.2

100 19.5 15.6 23.4





#42

Toluene

Concen: 27.573 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

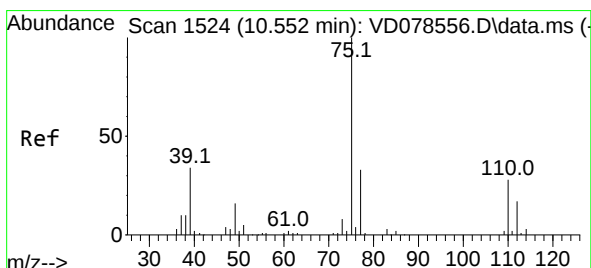
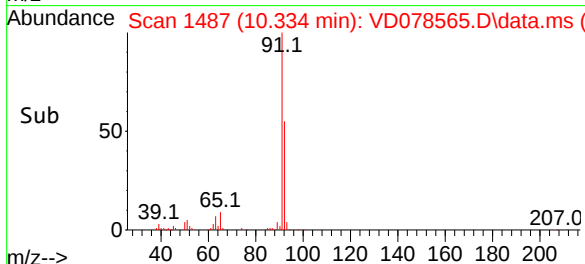
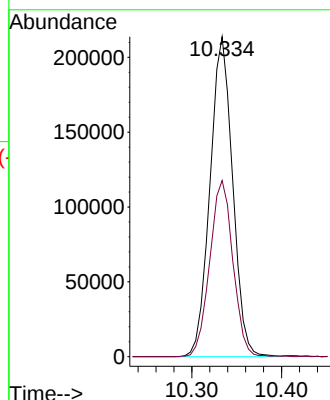
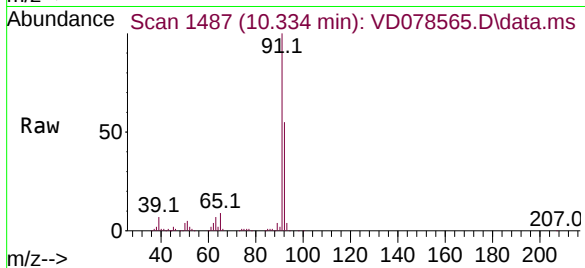
ClientSampleId :

Tgt Ion: 91 Resp: 374104

Ion Ratio Lower Upper

91 100

92 55.1 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 28.110 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078565.D

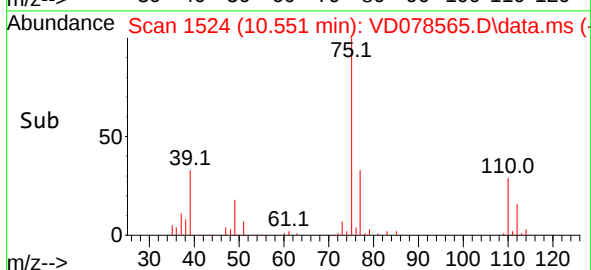
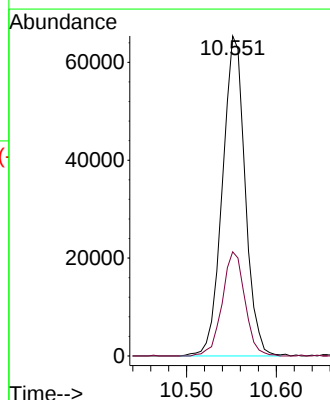
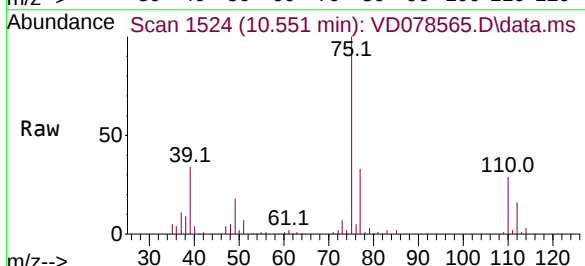
Acq: 28 Feb 2024 10:16

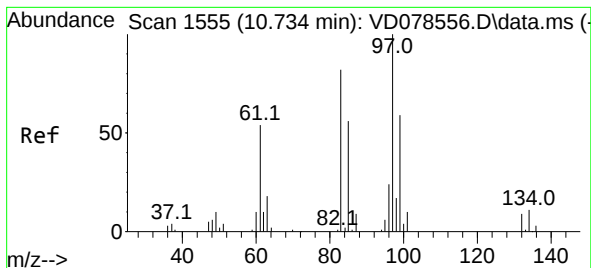
Tgt Ion: 75 Resp: 114810

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 28.477 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

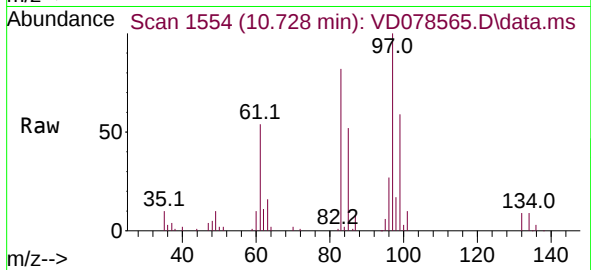
Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 70207

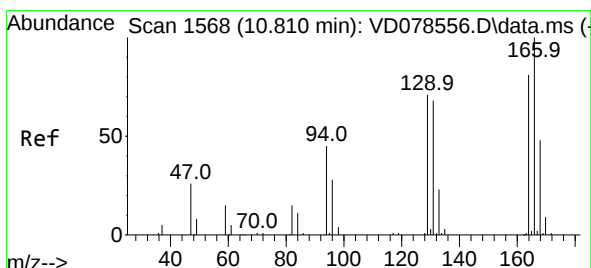
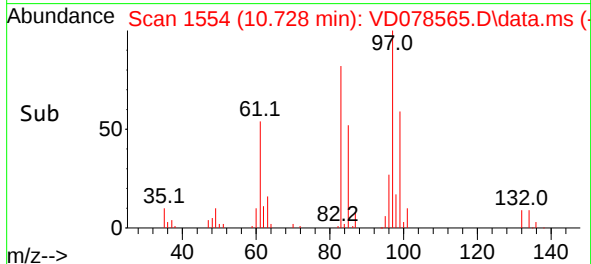
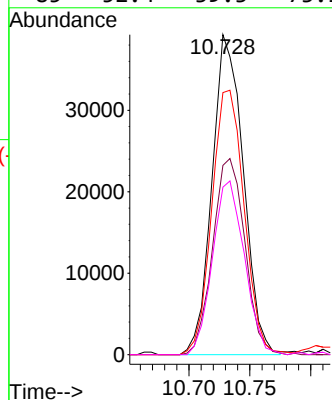
Ion Ratio Lower Upper

97 100

99 59.2 41.1 76.3

83 81.9 57.5 106.7

85 52.4 39.3 73.1



#46

Tetrachloroethene

Concen: 26.393 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Tgt Ion:164 Resp: 69789

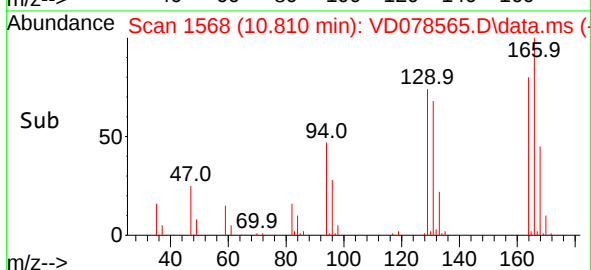
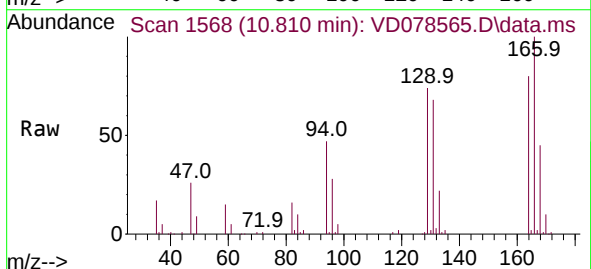
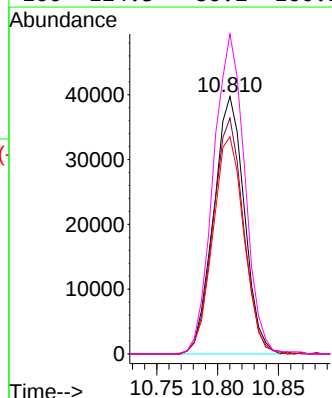
Ion Ratio Lower Upper

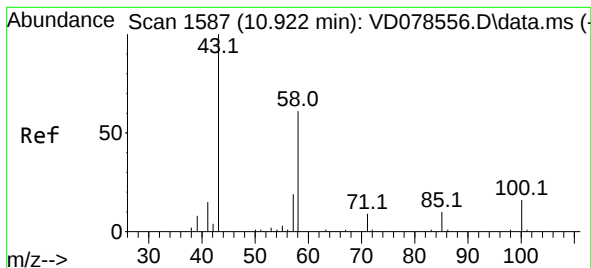
164 100

129 91.6 60.9 113.1

131 84.4 58.9 109.3

166 124.3 86.2 160.2





#48

2-Hexanone

Concen: 68.883 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

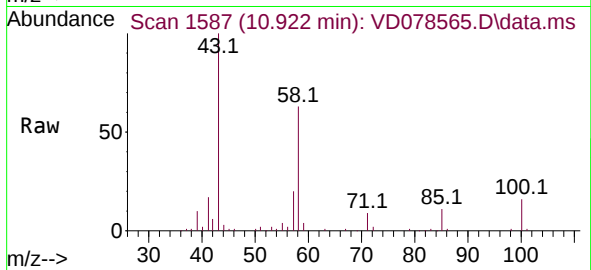
Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 80268

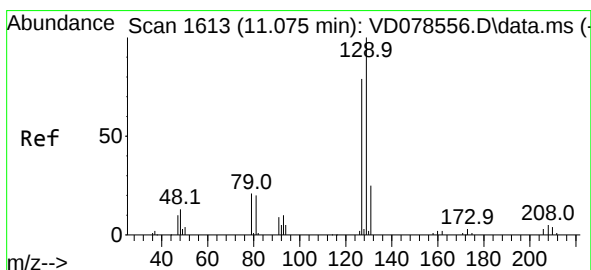
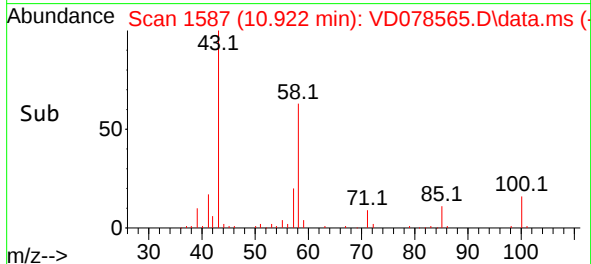
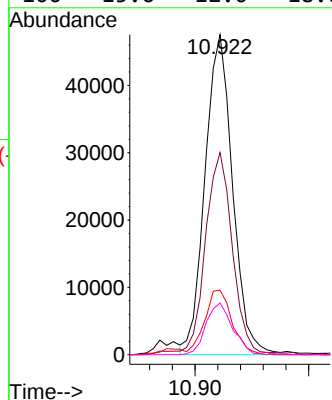
Ion Ratio Lower Upper

43 100

58 60.6 48.7 73.1

57 20.1 15.6 23.4

100 15.6 12.0 18.0



#49

Dibromochloromethane

Concen: 28.543 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078565.D

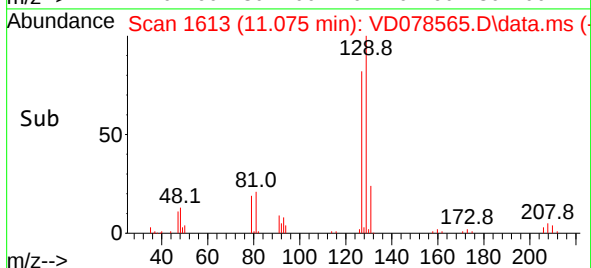
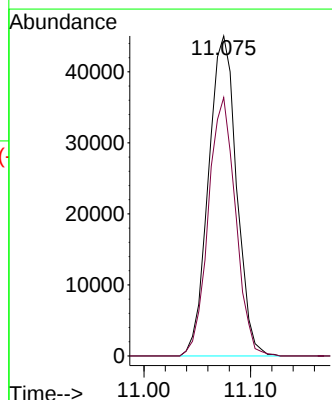
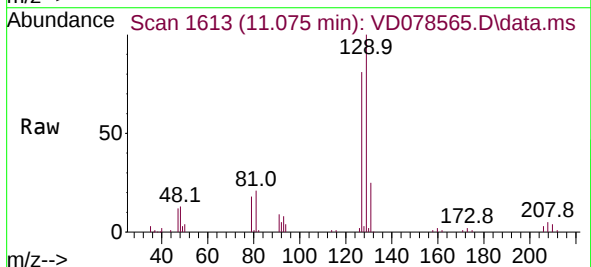
Acq: 28 Feb 2024 10:16

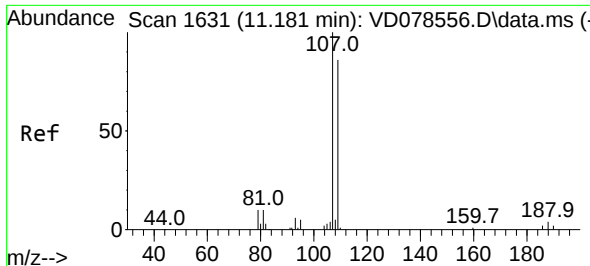
Tgt Ion: 129 Resp: 82593

Ion Ratio Lower Upper

129 100

127 80.7 55.5 103.1

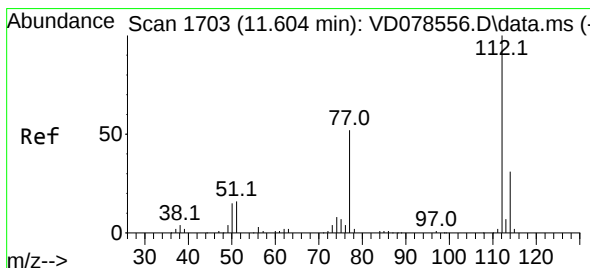
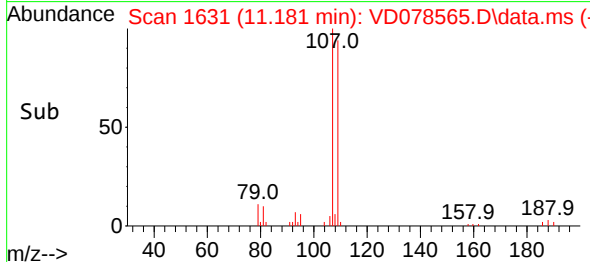
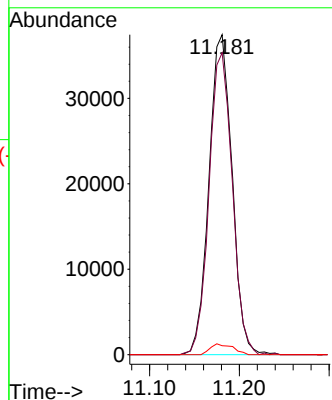
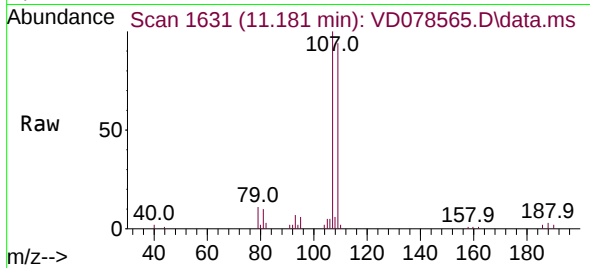




#50
1,2-Dibromoethane
Concen: 28.607 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

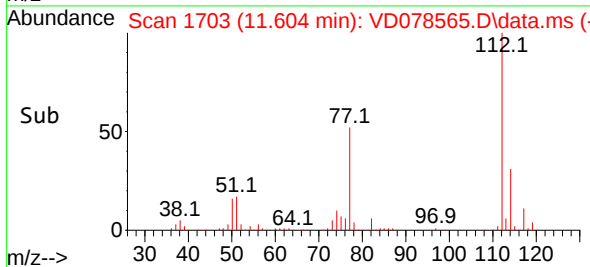
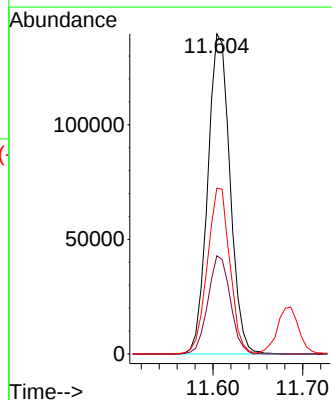
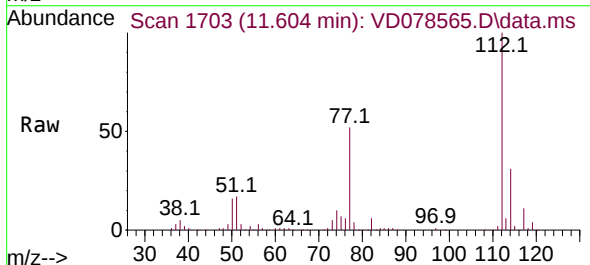
Instrument :
MSVOA_D
ClientSampleId :

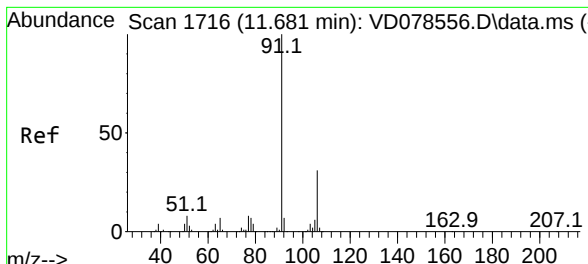
Tgt Ion:107 Resp: 67013
Ion Ratio Lower Upper
107 100
109 94.3 60.4 112.2
188 2.8 3.0 4.6#



#51
Chlorobenzene
Concen: 26.924 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion:112 Resp: 240614
Ion Ratio Lower Upper
112 100
114 30.7 21.6 40.0
77 51.8 42.0 63.0

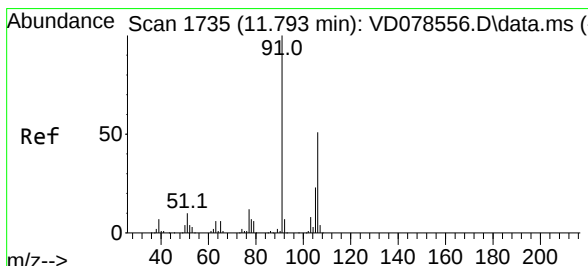
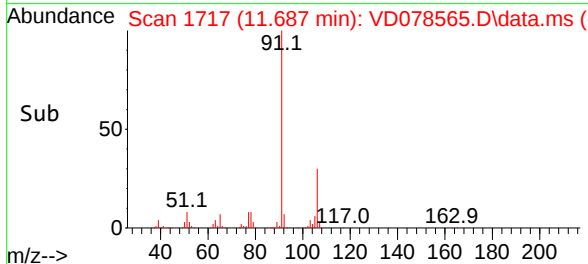
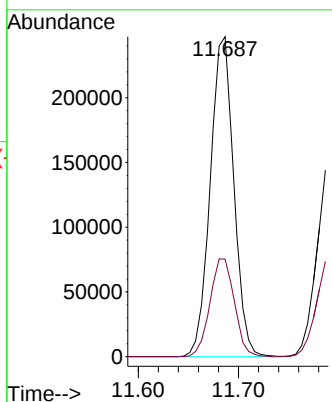
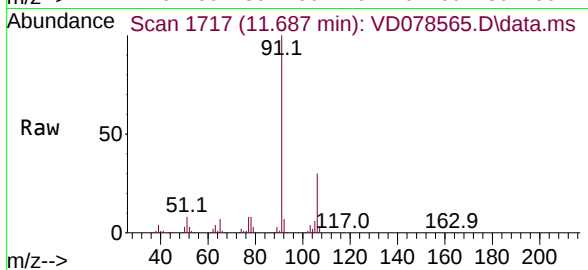




#52
Ethylbenzene
Concen: 27.379 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

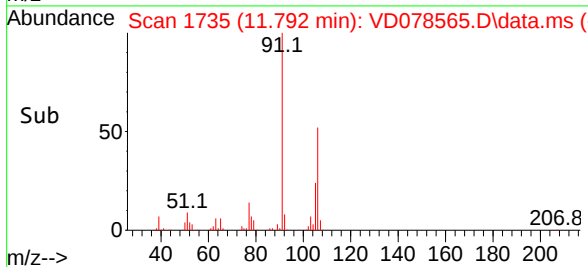
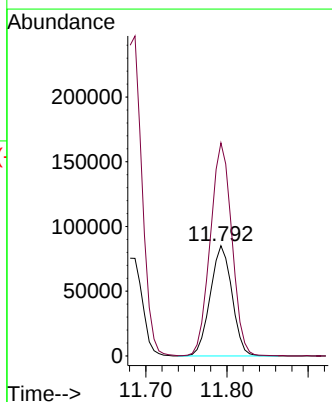
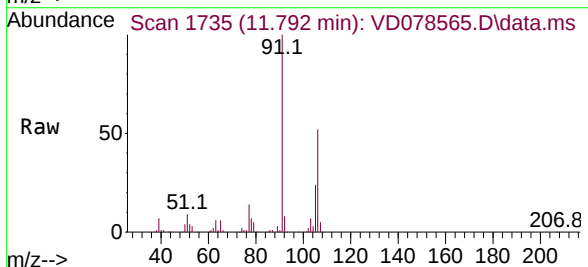
Instrument :
MSVOA_D
ClientSampleId :

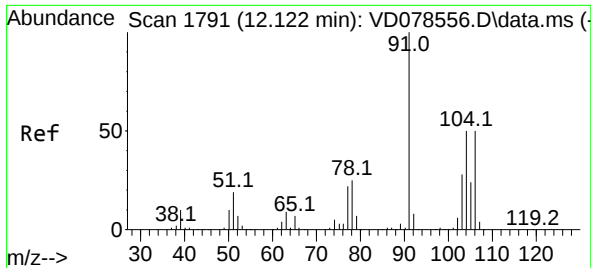
Tgt Ion: 91 Resp: 403602
Ion Ratio Lower Upper
91 100
106 30.5 21.8 40.4



#53
m,p-Xylene
Concen: 27.855 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion: 106 Resp: 158352
Ion Ratio Lower Upper
106 100
91 193.4 138.2 256.6

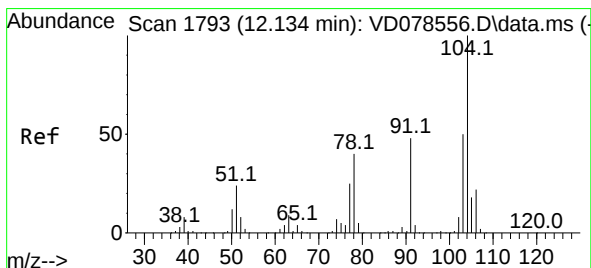
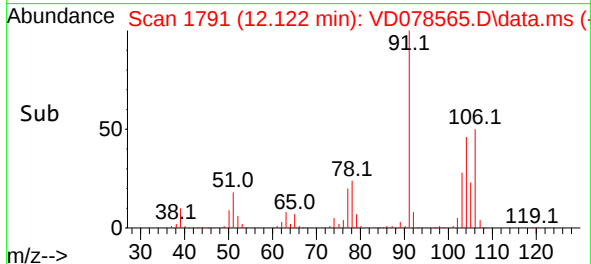
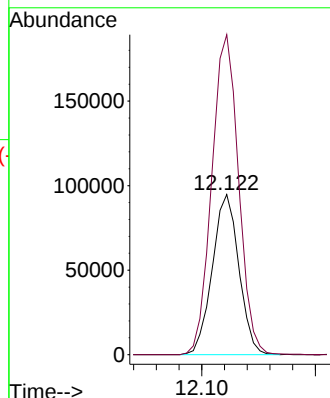
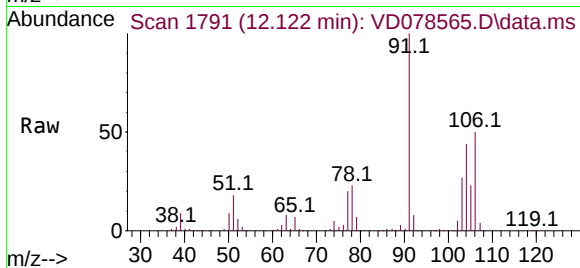




#54
o-Xylene
Concen: 27.828 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

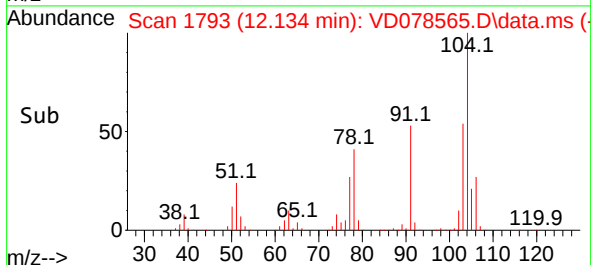
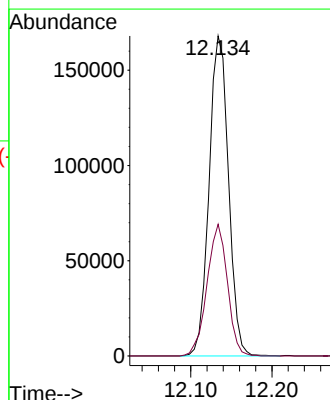
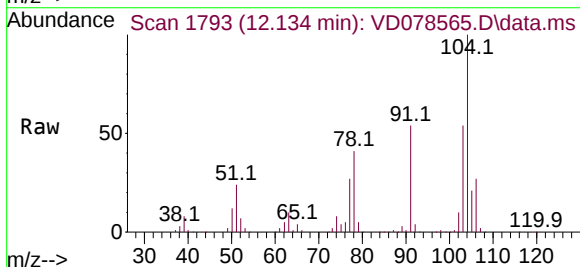
Instrument :
MSVOA_D
ClientSampleId :

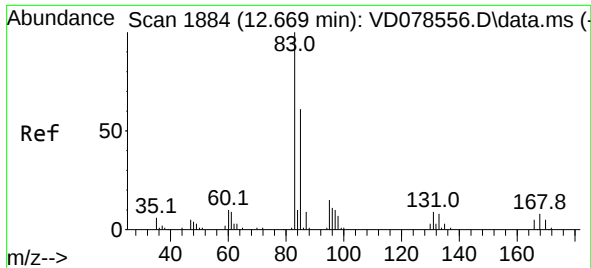
Tgt Ion:106 Resp: 153749
Ion Ratio Lower Upper
106 100
91 199.8 140.2 260.4



#55
Styrene
Concen: 28.441 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion:104 Resp: 278836
Ion Ratio Lower Upper
104 100
78 41.1 27.9 51.9

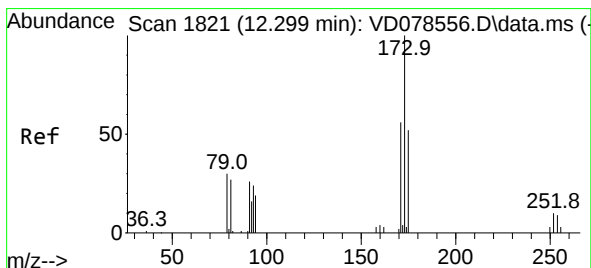
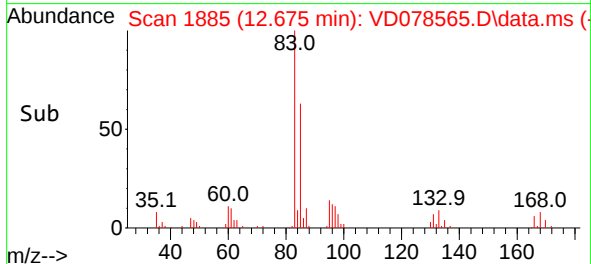
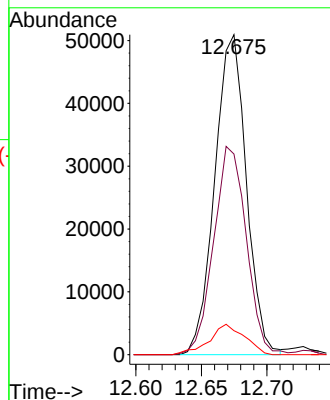
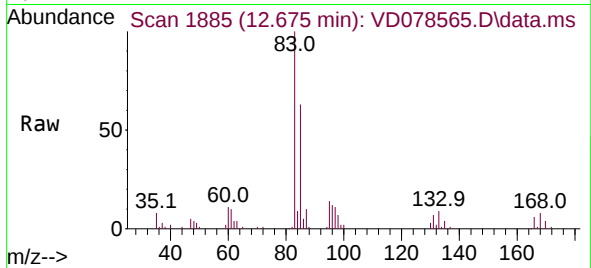




#57
1,1,2,2-Tetrachloroethane
Concen: 29.731 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

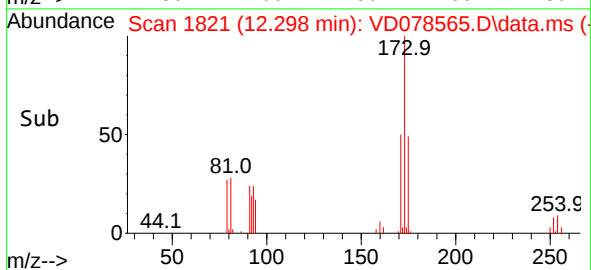
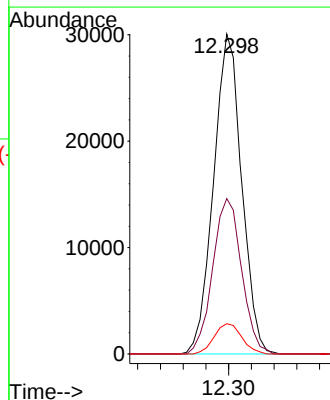
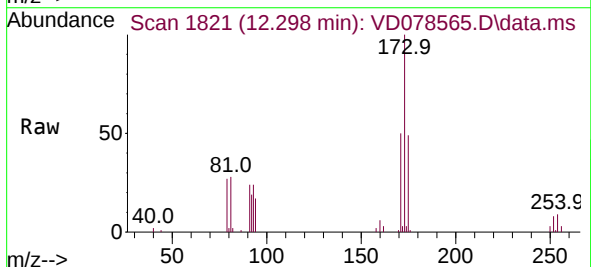
Instrument :
MSVOA_D
ClientSampleId :

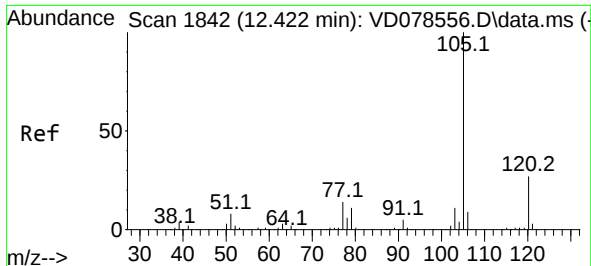
Tgt Ion: 83 Resp: 85311
Ion Ratio Lower Upper
83 100
85 62.7 43.1 80.1
131 7.5 7.4 11.0



#59
Bromoform
Concen: 29.358 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion:173 Resp: 51658
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.4
254 9.3 7.4 11.0

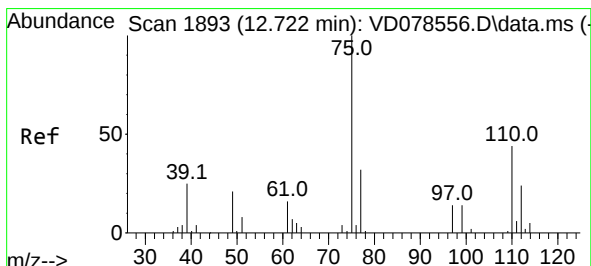
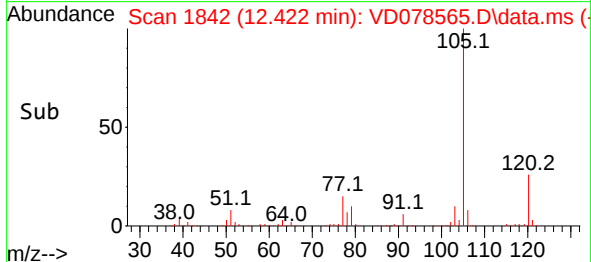
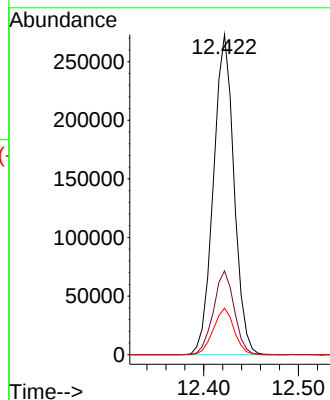
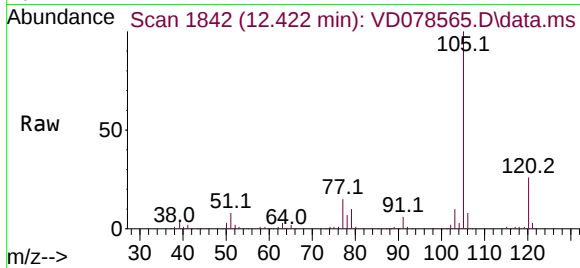




#60
Isopropylbenzene
Concen: 28.176 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

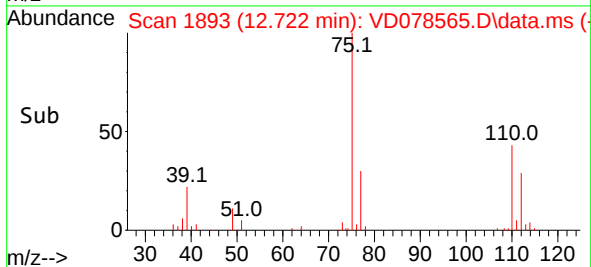
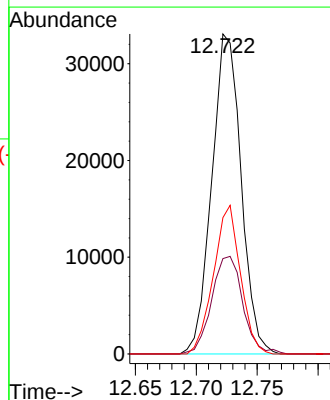
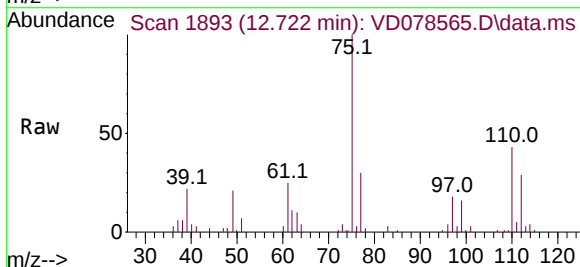
Instrument :
MSVOA_D
ClientSampleId :

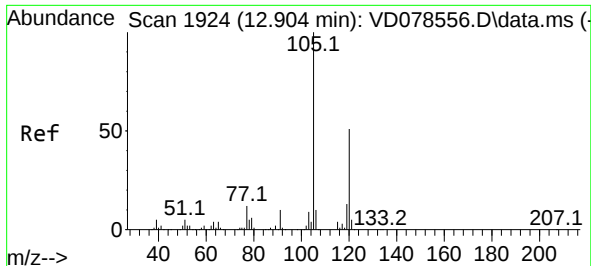
Tgt Ion:105 Resp: 411661
Ion Ratio Lower Upper
105 100
120 26.4 21.8 32.6
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 30.457 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078565.D
Acq: 28 Feb 2024 10:16

Tgt Ion: 75 Resp: 55314
Ion Ratio Lower Upper
75 100
77 32.4 26.3 39.5
110 42.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 28.412 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

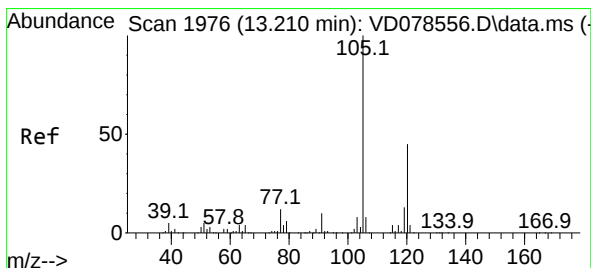
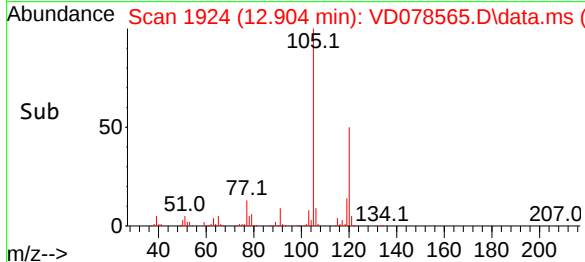
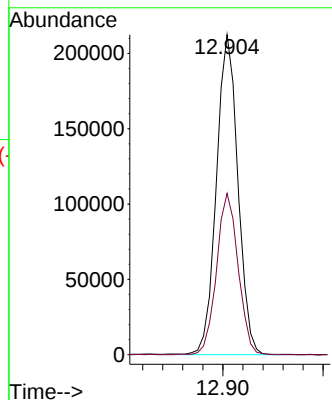
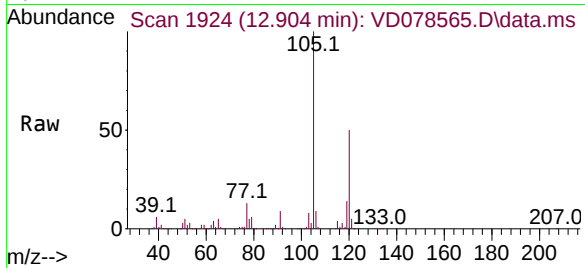
ClientSampleId :

Tgt Ion:105 Resp: 315402

Ion Ratio Lower Upper

105 100

120 50.6 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 28.703 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078565.D

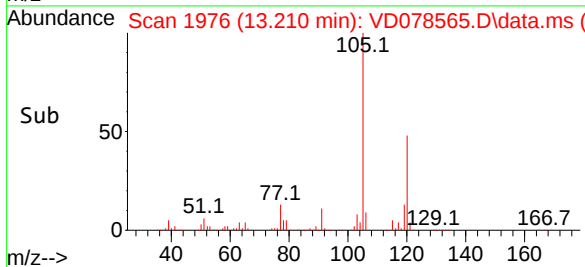
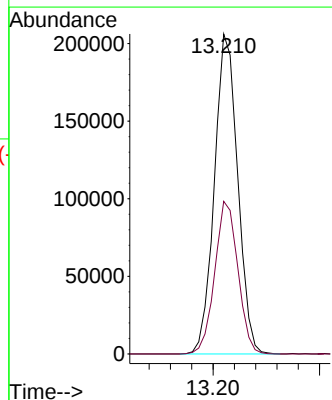
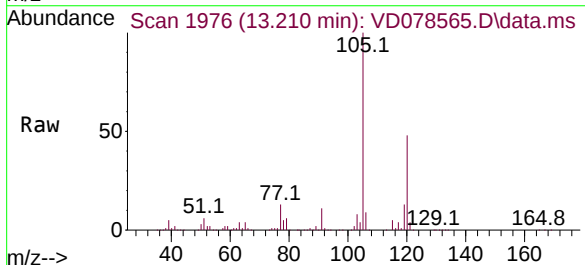
Acq: 28 Feb 2024 10:16

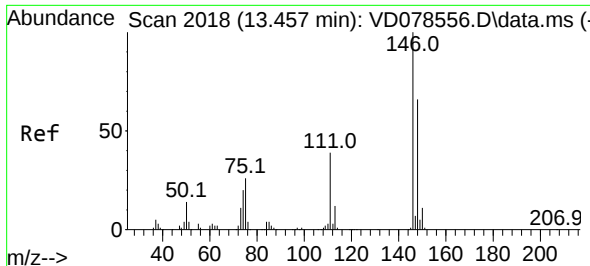
Tgt Ion:105 Resp: 312638

Ion Ratio Lower Upper

105 100

120 47.3 37.3 55.9

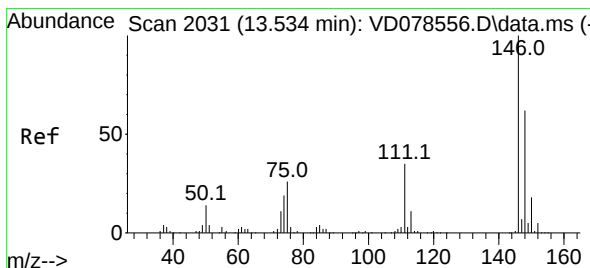
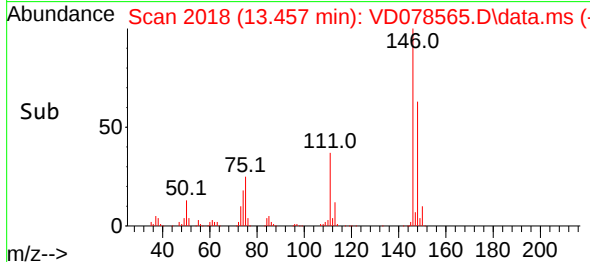
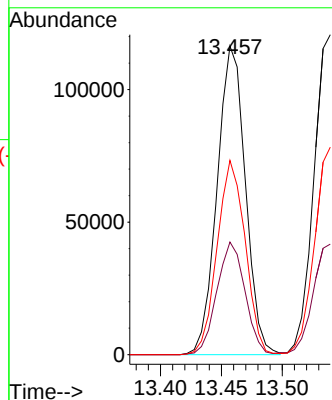
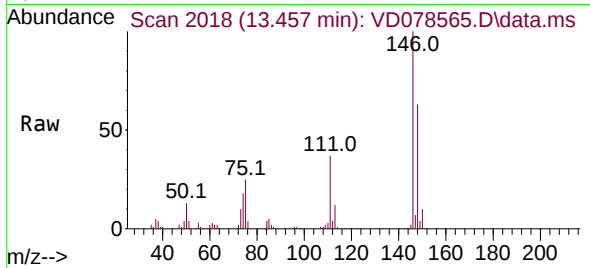




#64
 1,3-Dichlorobenzene
 Concen: 27.964 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

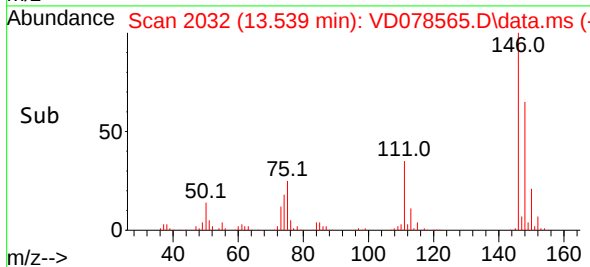
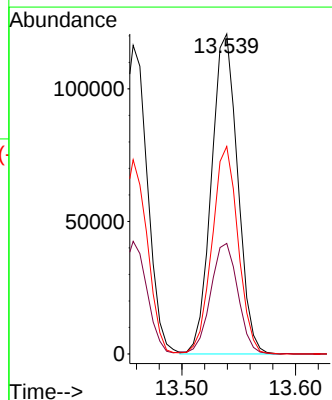
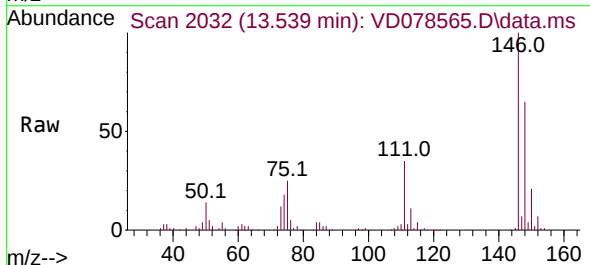
Instrument :
 MSVOA_D
 ClientSampleId :

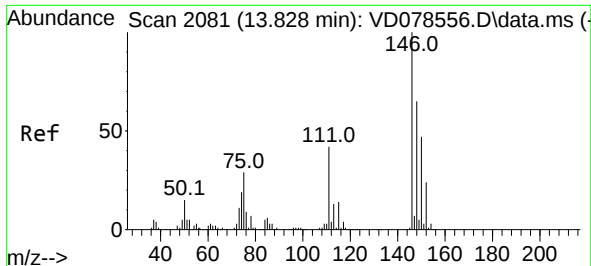
Tgt Ion:146 Resp: 188395
 Ion Ratio Lower Upper
 146 100
 111 36.5 27.4 51.0
 148 62.9 46.4 86.2



#65
 1,4-Dichlorobenzene
 Concen: 27.362 ug/L
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

Tgt Ion:146 Resp: 194067
 Ion Ratio Lower Upper
 146 100
 111 34.5 24.4 45.2
 148 64.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 27.991 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

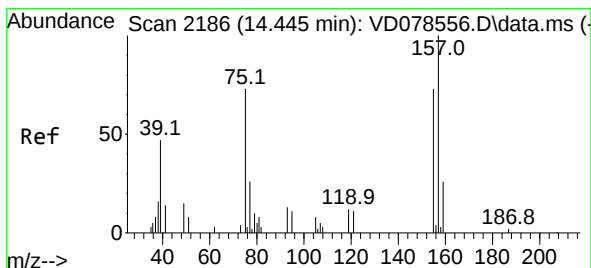
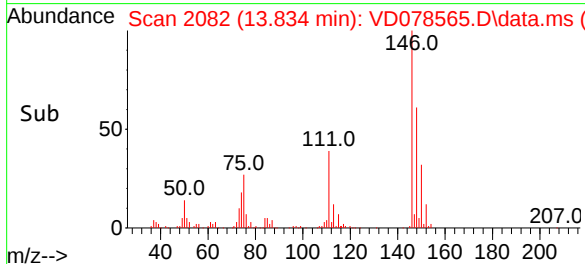
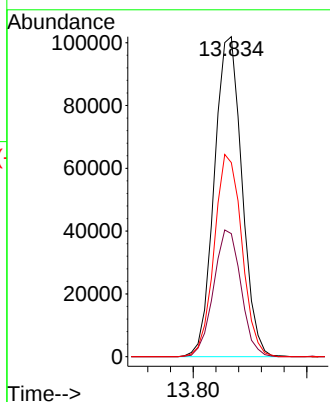
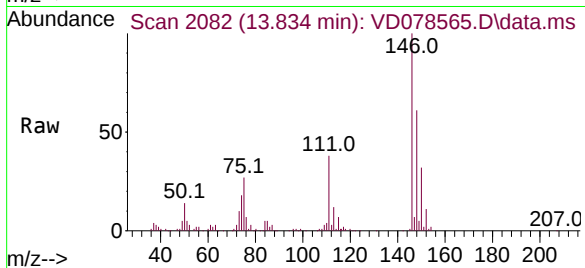
Tgt Ion:146 Resp: 172127

Ion Ratio Lower Upper

146 100

111 38.4 33.4 50.0

148 60.6 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 31.748 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

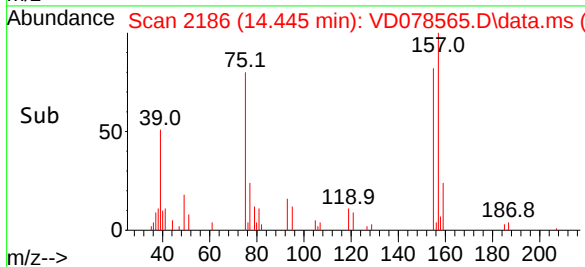
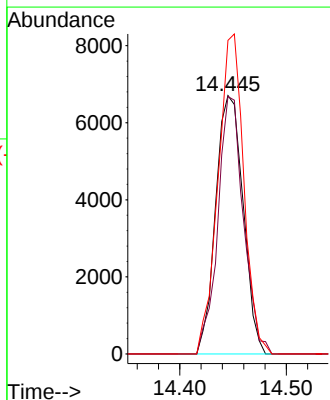
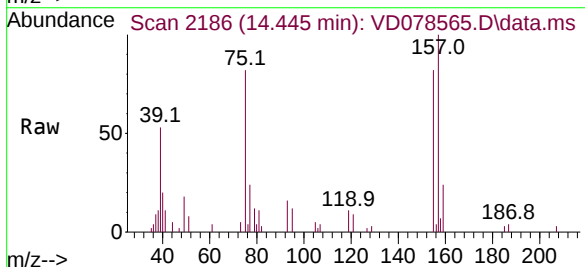
Tgt Ion: 75 Resp: 11960

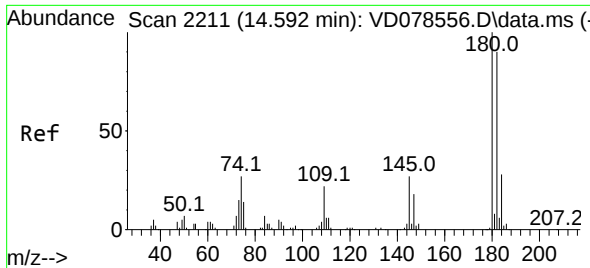
Ion Ratio Lower Upper

75 100

155 99.6 80.2 120.2

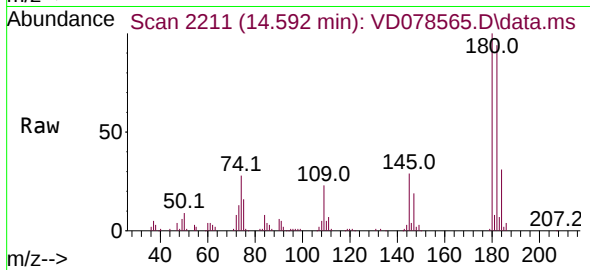
157 121.3 109.1 163.7



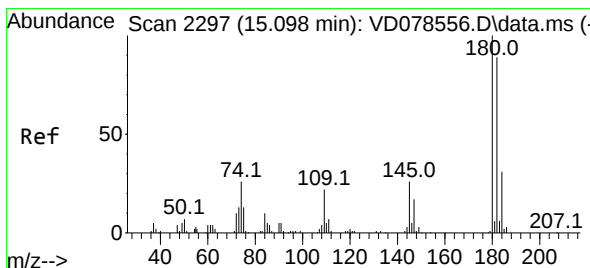
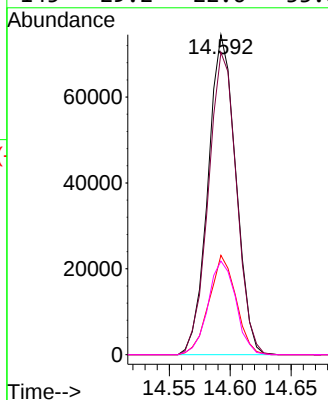
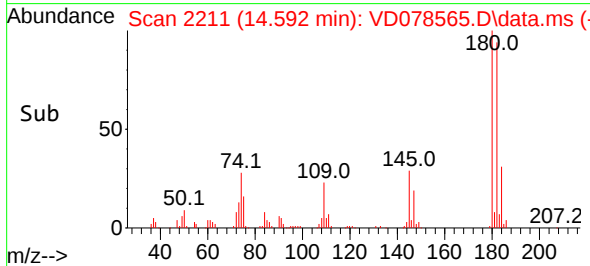


#69
 1,3,5-Trichlorobenzene
 Concen: 27.176 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16

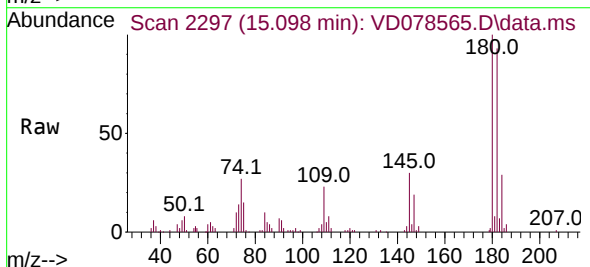
Instrument :
 MSVOA_D
 ClientSampleId :



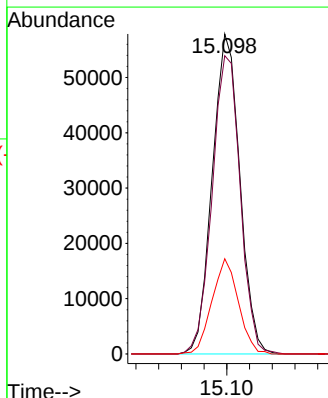
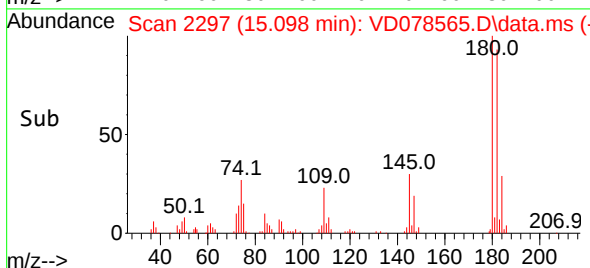
Tgt Ion:180 Resp: 118474
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.1 112.7
 184 30.1 24.2 36.4
 145 29.2 22.6 33.8

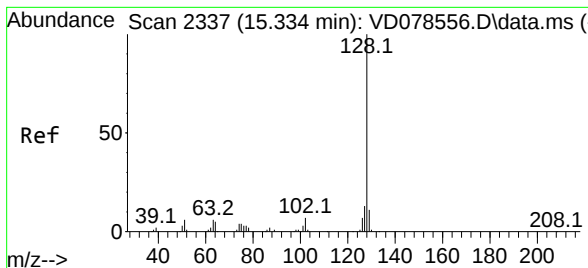


#70
 1,2,4-trichlorobenzene
 Concen: 26.777 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078565.D
 Acq: 28 Feb 2024 10:16



Tgt Ion:180 Resp: 97425
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.4 113.0
 145 28.5 22.9 34.3





#71

Naphthalene

Concen: 29.955 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

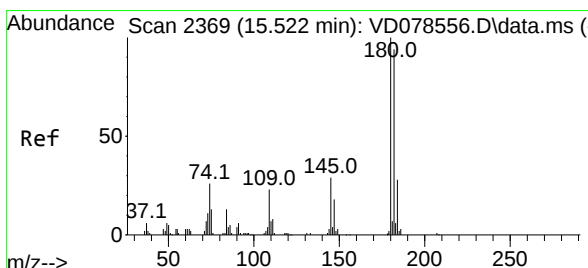
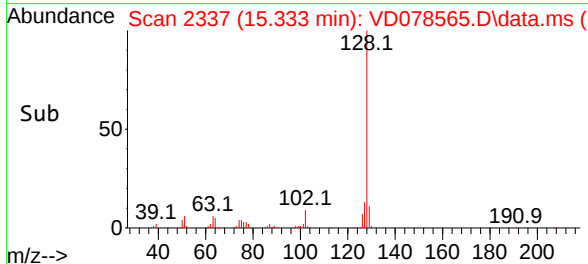
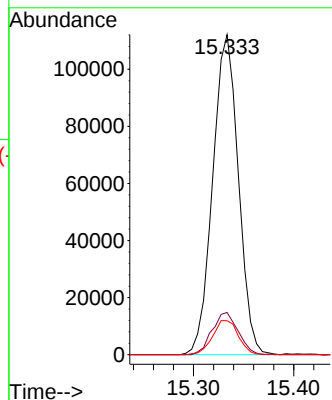
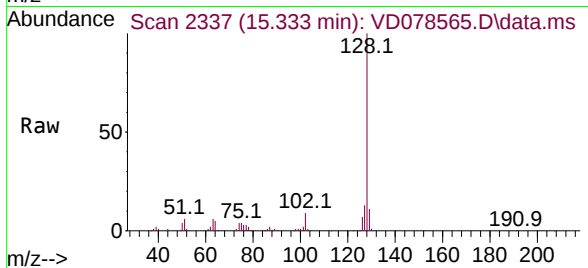
Tgt Ion:128 Resp: 199349

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.961 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078565.D

Acq: 28 Feb 2024 10:16

Tgt Ion:180 Resp: 89939

Ion Ratio Lower Upper

180 100

182 96.7 77.6 116.4

145 31.0 24.2 36.2

