

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083023\
 Data File : VD077076.D
 Acq On : 30 Aug 2023 14:03
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 02:13:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 02:12:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	259590	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	269531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	143645	20.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
7) Chloroethane-d5	2.799	69	154480	23.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	3.910	65	33231	19.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.600%
21) 2-Butanone-d5	6.981	46	72462	63.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.440%
24) Chloroform-d	7.563	84	232866	27.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	8.228	65	123239	29.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	8.198	84	437350	25.808	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.240%
36) 1,2-Dichloropropane-d6	9.210	67	136824	26.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	10.269	98	391046	25.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.680%
43) trans-1,3-Dichloroprop...	10.522	79	60462	25.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.680%
47) 2-Hexanone-d5	10.875	63	66523	66.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	156359	31.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	156532	29.434	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91264	21.211	ug/L	99
3) Chloromethane	2.146	50	189440	33.937	ug/L	100
5) Vinyl chloride	2.281	62	215699	27.021	ug/L	90
6) Bromomethane	2.687	94	152394	25.575	ug/L	97
8) Chloroethane	2.834	64	146727	27.304	ug/L	95
9) Trichlorofluoromethane	3.169	101	165714	25.073	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	100942	23.438	ug/L	98
12) 1,1-Dichloroethene	3.934	96	92529	24.230	ug/L	77
13) Acetone	4.016	43	56676	48.357	ug/L	82
14) Carbon disulfide	4.263	76	315843	23.829	ug/L	96
15) Methyl Acetate	4.557	43	51231	25.861	ug/L	91
16) Methylene chloride	4.793	84	132904	24.407	ug/L #	73
17) trans-1,2-Dichloroethene	5.310	96	110715	25.605	ug/L	83
18) Methyl tert-butyl Ether	5.316	73	252773	26.461	ug/L #	91
19) 1,1-Dichloroethane	6.104	63	183304	25.389	ug/L	93
20) cis-1,2-Dichloroethene	7.069	96	128138	26.547	ug/L	89
22) 2-Butanone	7.075	43	76404	46.593	ug/L	88
23) Bromochloromethane	7.422	128	62965	26.894	ug/L #	73
25) Chloroform	7.593	83	215247	27.222	ug/L	98

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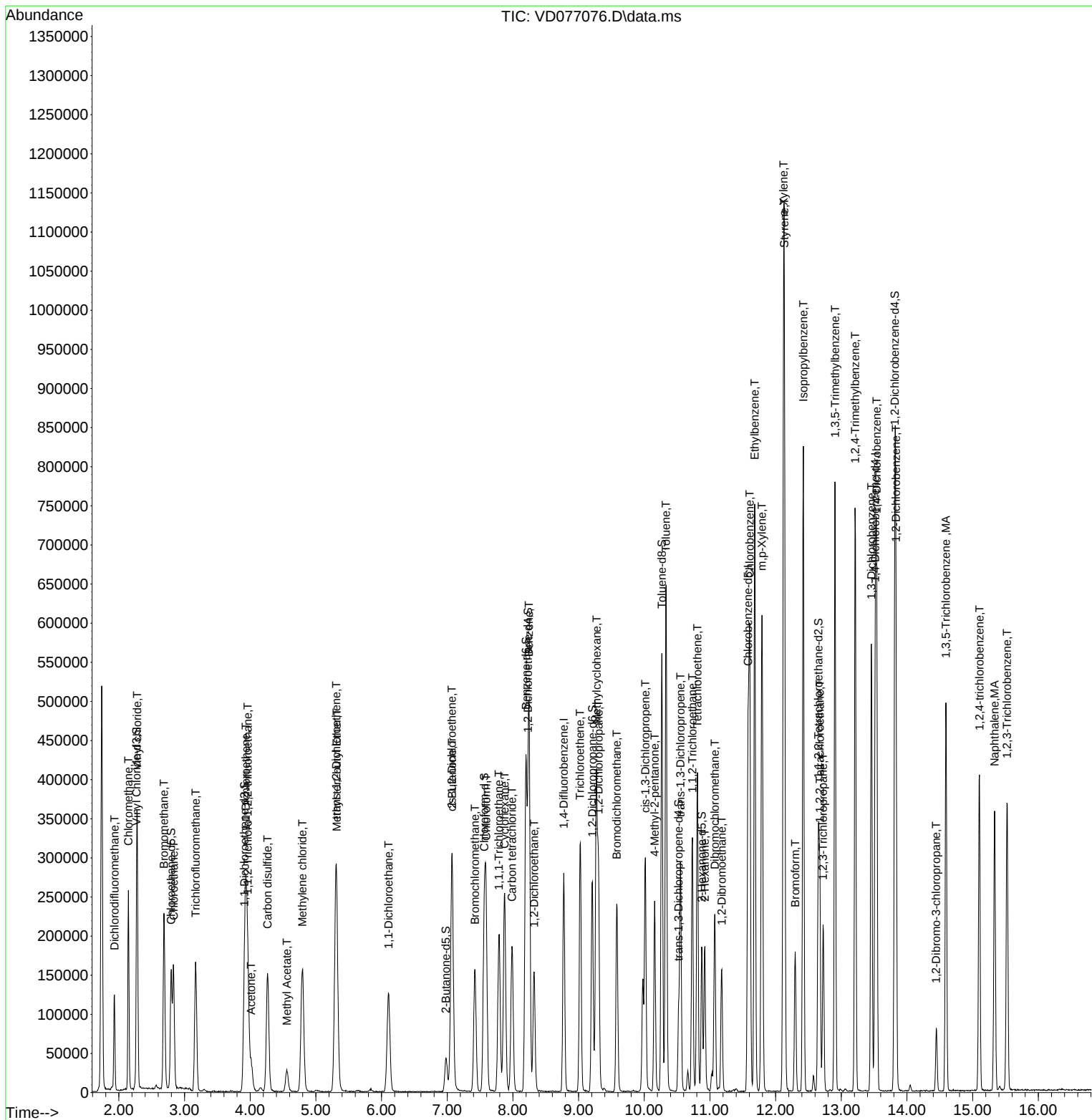
Instrument :
 MSVOA_D
 ClientSampleId :

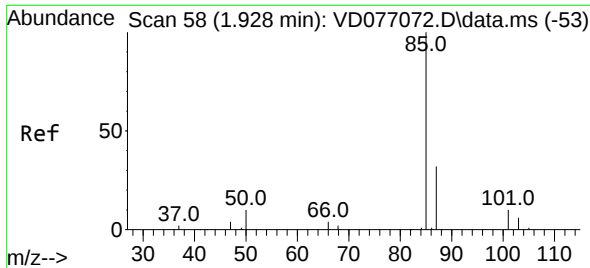
Quant Time: Aug 31 02:13:29 2023
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 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 02:12:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	135456	27.333	ug/L	100
29) Cyclohexane	7.875	56	131148	22.104	ug/L #	80
30) 1,1,1-Trichloroethane	7.787	97	171044	25.611	ug/L	95
31) Carbon tetrachloride	7.987	117	146445	26.793	ug/L	99
33) Benzene	8.246	78	464337	26.282	ug/L	100
34) Trichloroethene	9.022	95	114587	24.905	ug/L	99
35) Methylcyclohexane	9.275	83	171691	22.883	ug/L	90
37) 1,2-Dichloropropane	9.304	63	114889	25.599	ug/L #	97
38) Bromodichloromethane	9.581	83	164430	26.605	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	185054	25.549	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	144873	51.233	ug/L #	88
42) Toluene	10.328	91	507181	26.400	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	164113	25.925	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	107687	26.998	ug/L	93
46) Tetrachloroethene	10.810	164	91579	26.410	ug/L	94
48) 2-Hexanone	10.922	43	110716	50.914	ug/L #	91
49) Dibromochloromethane	11.075	129	123510	27.834	ug/L	97
50) 1,2-Dibromoethane	11.181	107	105526	27.127	ug/L	94
51) Chlorobenzene	11.604	112	331859	26.514	ug/L	96
52) Ethylbenzene	11.681	91	541049	26.430	ug/L	99
53) m,p-Xylene	11.792	106	210574	26.659	ug/L	94
54) o-Xylene	12.122	106	208220	27.408	ug/L	100
55) Styrene	12.134	104	381296	27.759	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.675	83	131304	26.616	ug/L	98
59) Bromoform	12.298	173	80486	27.900	ug/L #	99
60) Isopropylbenzene	12.422	105	524930	25.092	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	86149	25.375	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	409618	25.702	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	410721	25.896	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	250392	26.225	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	263995	26.750	ug/L	96
67) 1,2-Dichlorobenzene	13.833	146	237333	26.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	19224	24.713	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	155271	25.988	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	136118	25.899	ug/L	99
71) Naphthalene	15.333	128	318297	25.756	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	130024	27.279	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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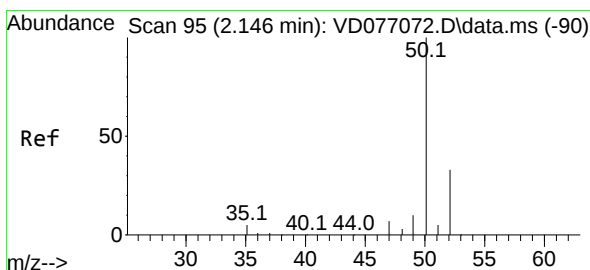
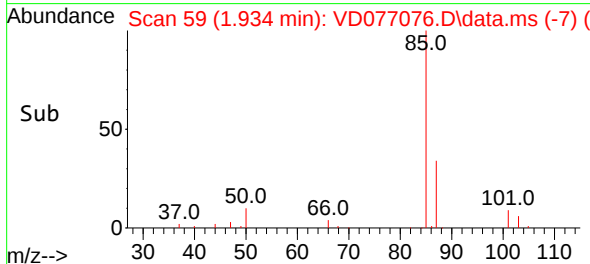
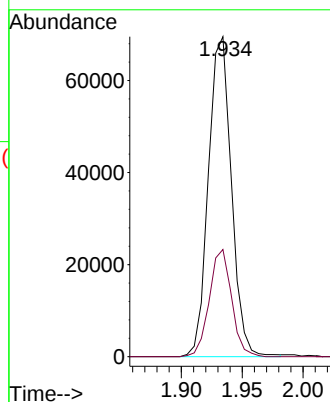
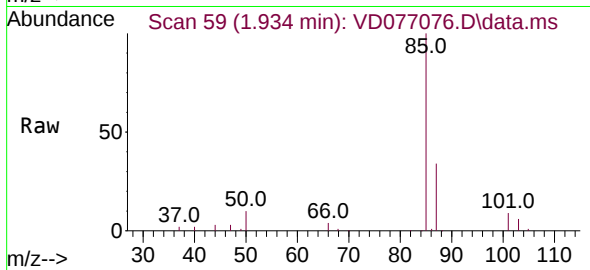




#2
 Dichlorodifluoromethane
 Concen: 21.211 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

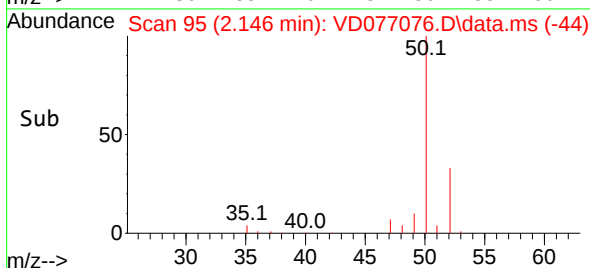
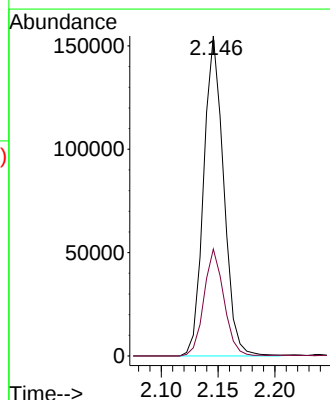
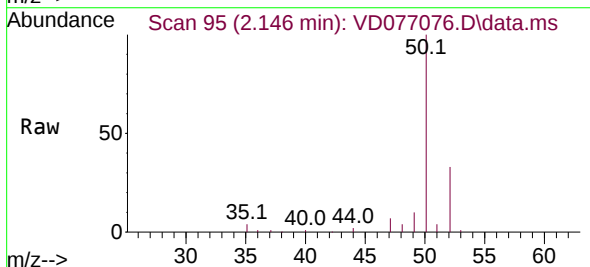
Instrument :
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 ClientSampleId :

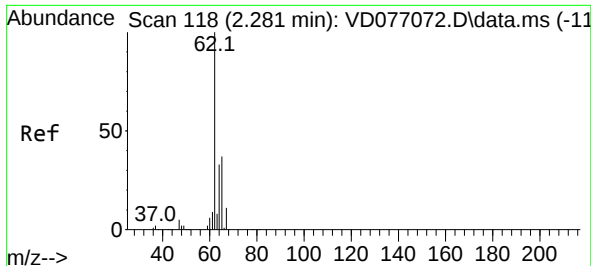
Tgt Ion: 85 Resp: 91264
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.3 39.5



#3
 Chloromethane
 Concen: 33.937 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

Tgt Ion: 50 Resp: 189440
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

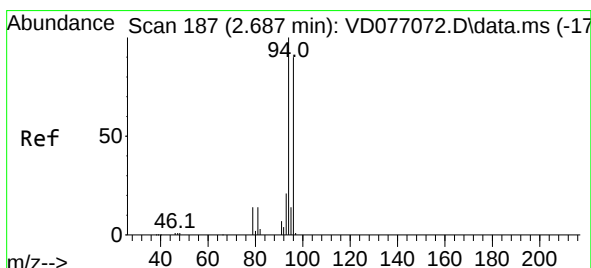
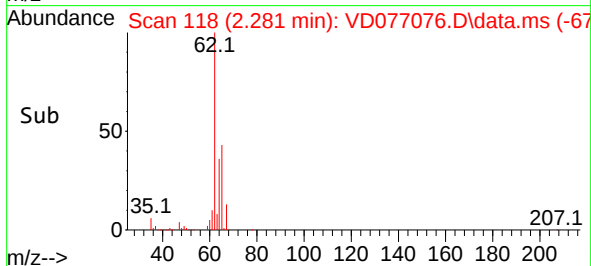
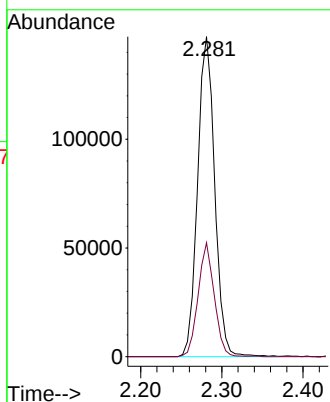
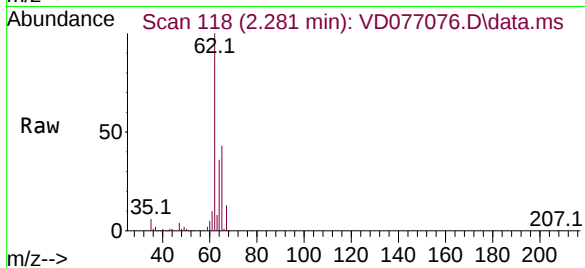




#5
 Vinyl chloride
 Concen: 27.021 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

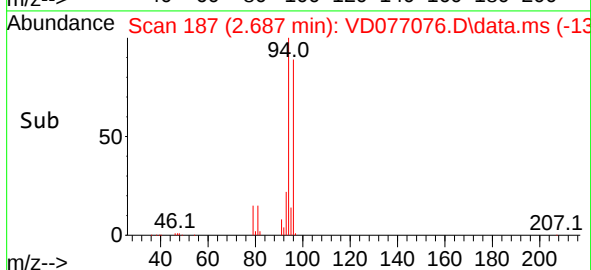
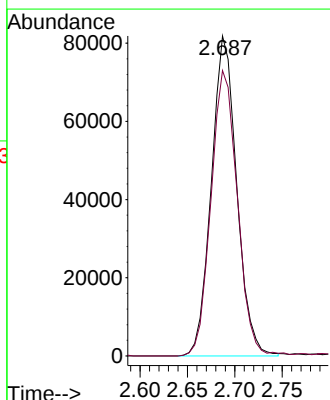
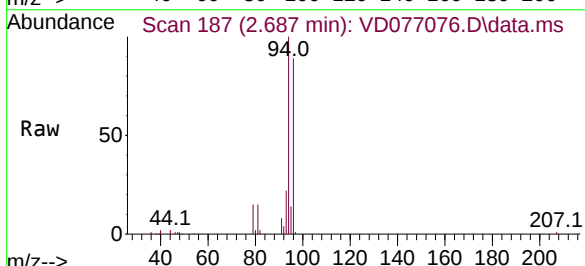
Instrument :
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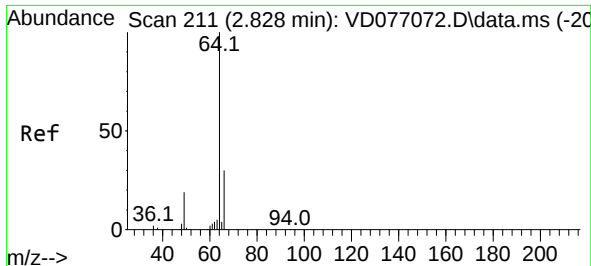
Tgt Ion: 62 Resp: 215699
 Ion Ratio Lower Upper
 62 100
 64 35.6 21.1 39.1



#6
 Bromomethane
 Concen: 25.575 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

Tgt Ion: 94 Resp: 152394
 Ion Ratio Lower Upper
 94 100
 96 89.2 64.7 120.1

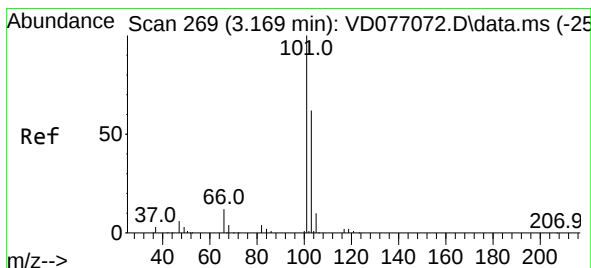
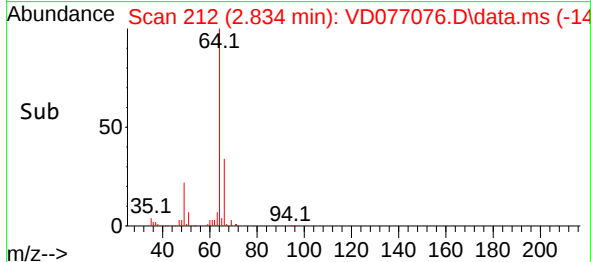
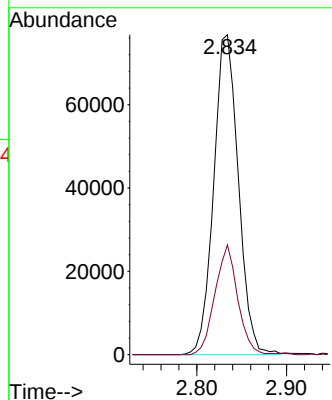
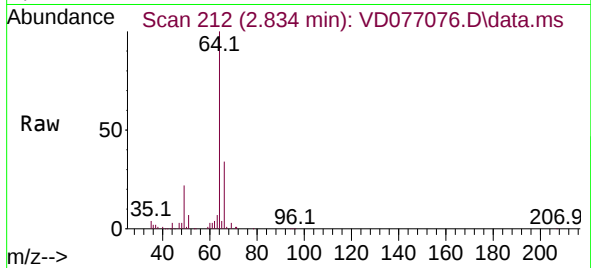




#8
Chloroethane
Concen: 27.304 ug/L
RT: 2.834 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

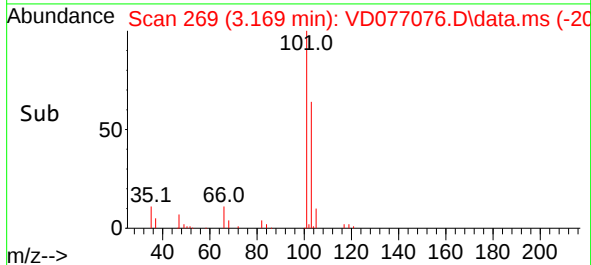
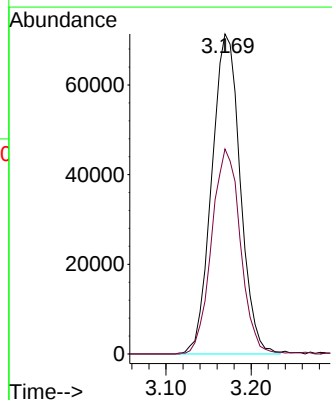
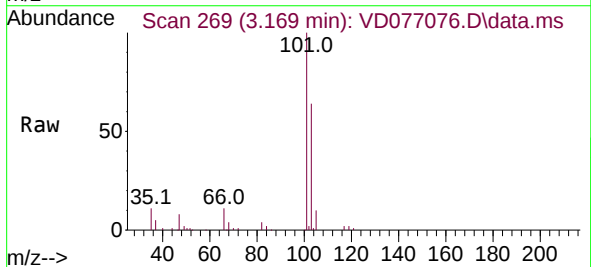
Instrument :
MSVOA_D
ClientSampleId :

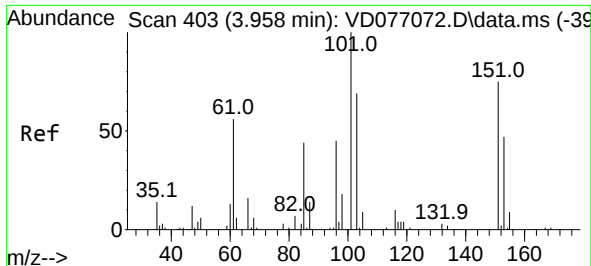
Tgt Ion: 64 Resp: 146727
Ion Ratio Lower Upper
64 100
66 34.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 25.073 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion:101 Resp: 165714
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

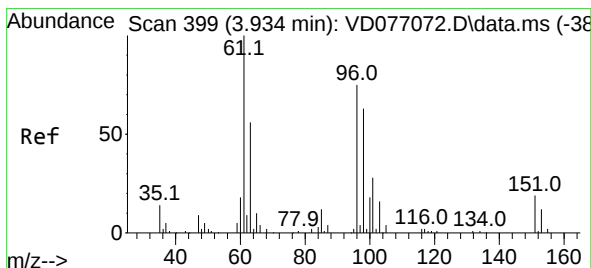
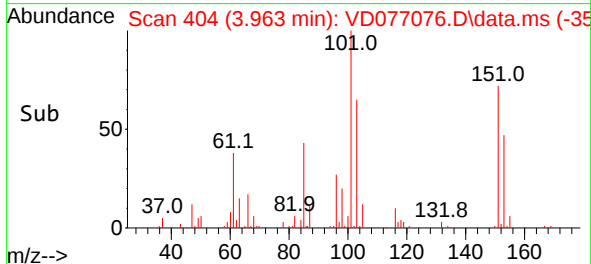
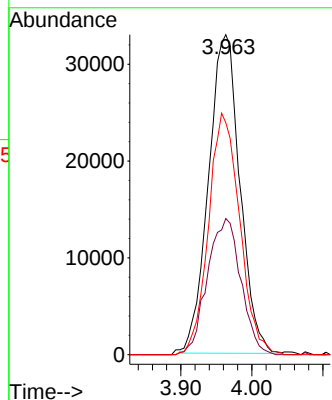
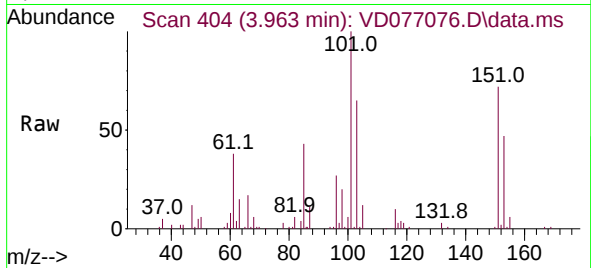




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.438 ug/L
 RT: 3.963 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

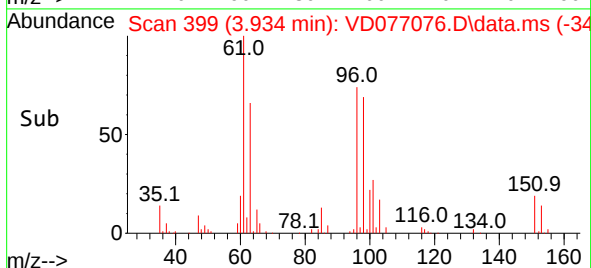
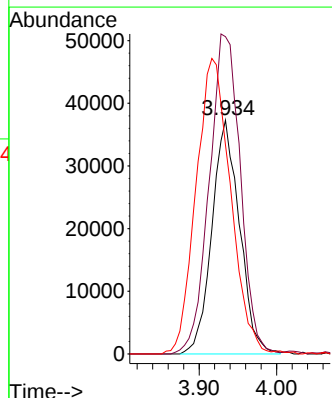
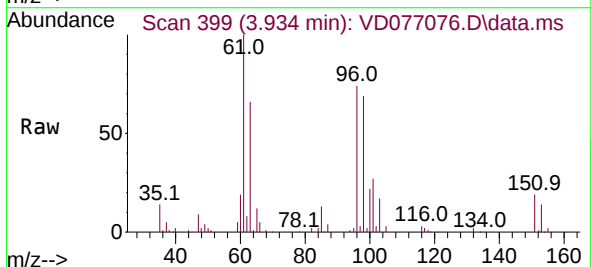
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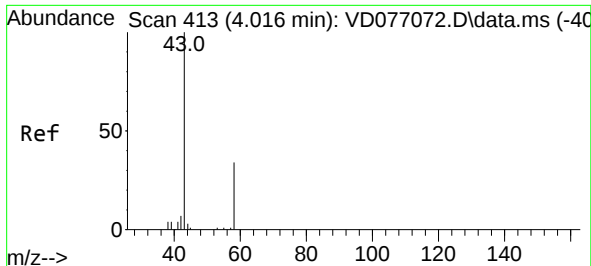
Tgt Ion:101 Resp: 100942
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.5 53.3
 151 75.3 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 24.230 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

Tgt Ion: 96 Resp: 92529
 Ion Ratio Lower Upper
 96 100
 61 135.7 113.0 209.8
 63 89.4 83.6 155.2

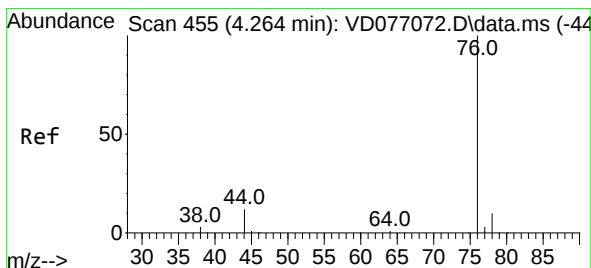
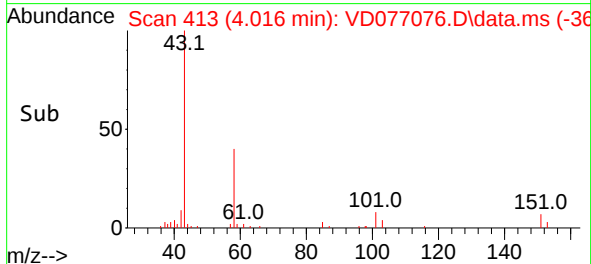
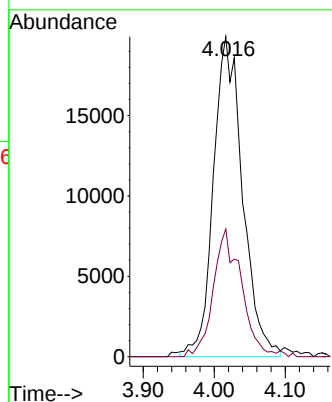
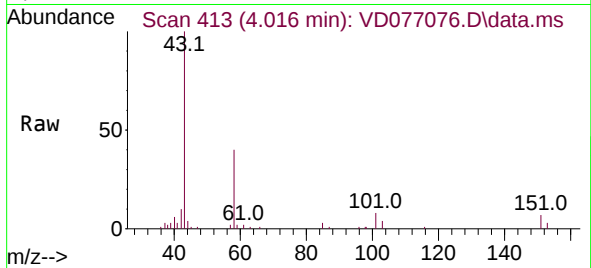




#13
Acetone
Concen: 48.357 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

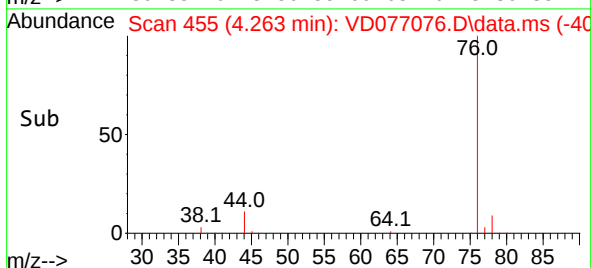
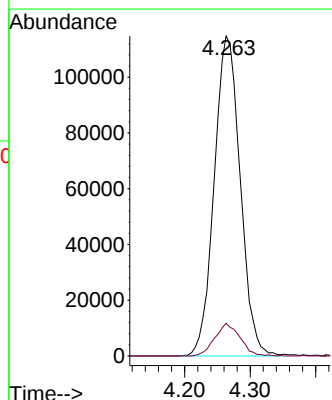
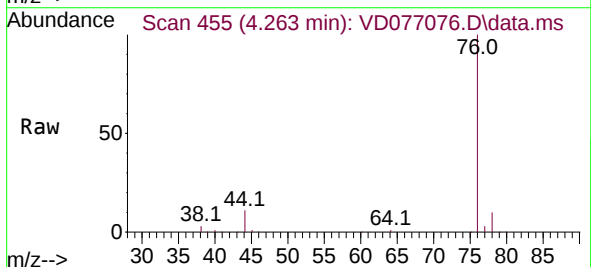
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ClientSampleId :

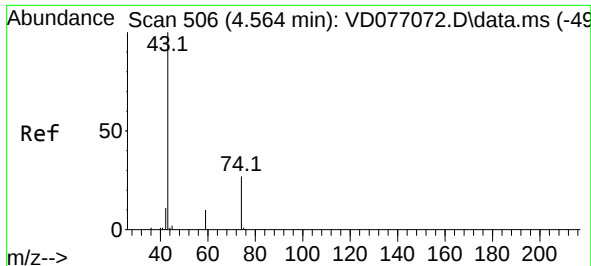
Tgt Ion: 43 Resp: 56676
Ion Ratio Lower Upper
43 100
58 23.2 0.0 67.4



#14
Carbon disulfide
Concen: 23.829 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

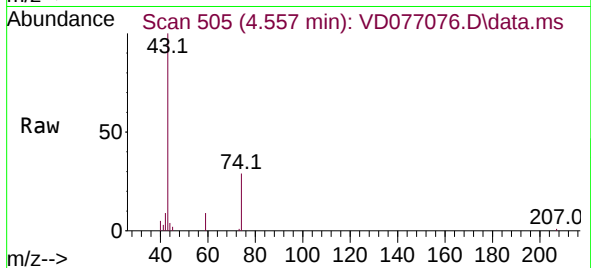
Tgt Ion: 76 Resp: 315843
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4



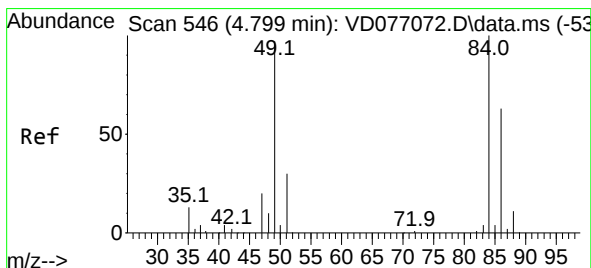
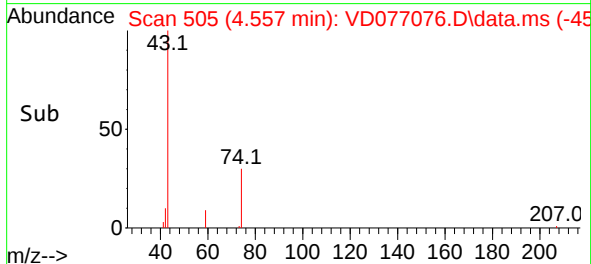
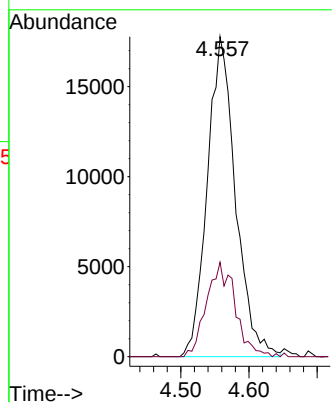


#15
Methyl Acetate
Concen: 25.861 ug/L
RT: 4.557 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

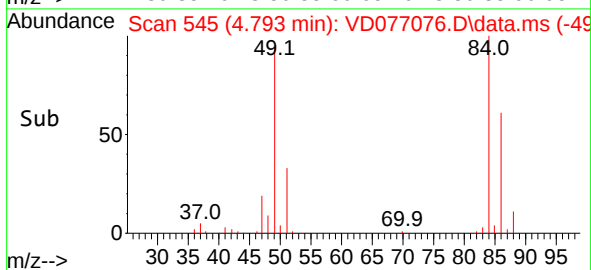
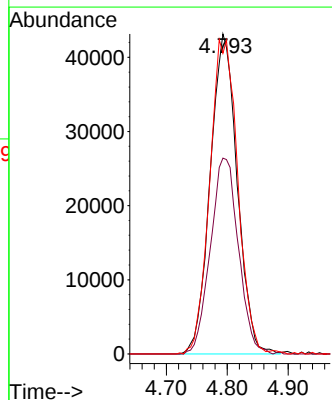
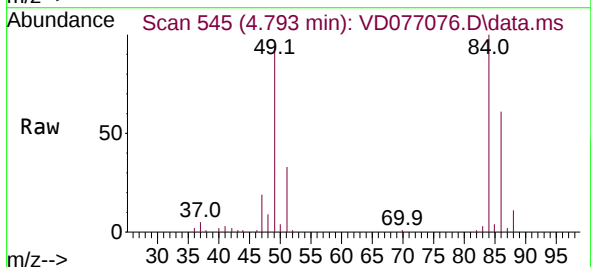


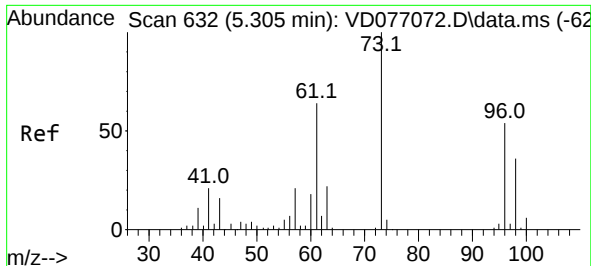
Tgt Ion: 43 Resp: 51231
Ion Ratio Lower Upper
43 100
74 18.6 18.2 27.2



#16
Methylene chloride
Concen: 24.407 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

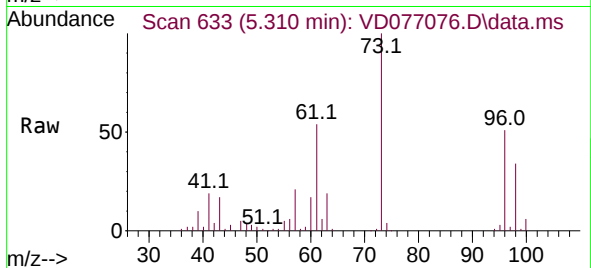
Tgt Ion: 84 Resp: 132904
Ion Ratio Lower Upper
84 100
86 61.2 45.1 83.9
49 93.9 97.2 180.6#



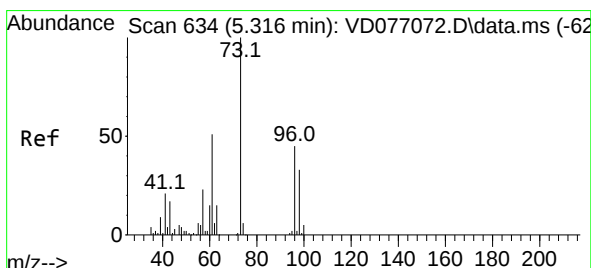
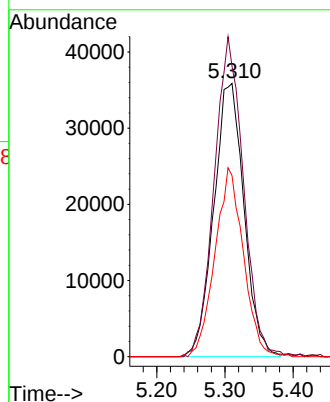
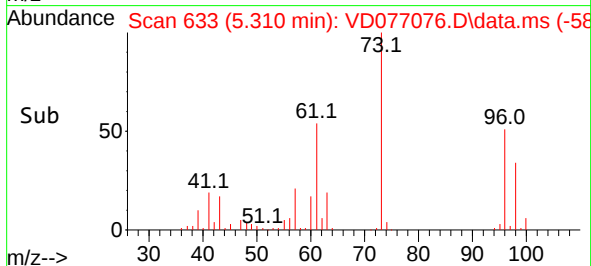


#17
trans-1,2-Dichloroethene
Concen: 25.605 ug/L
RT: 5.310 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

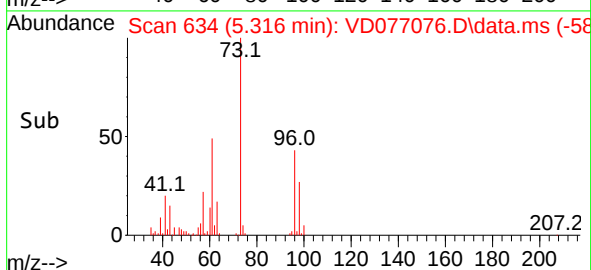
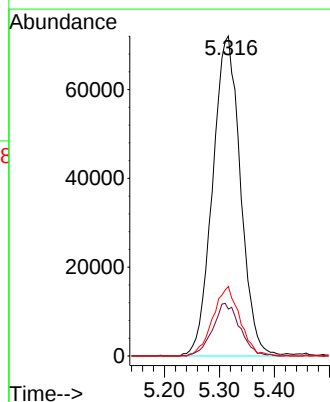
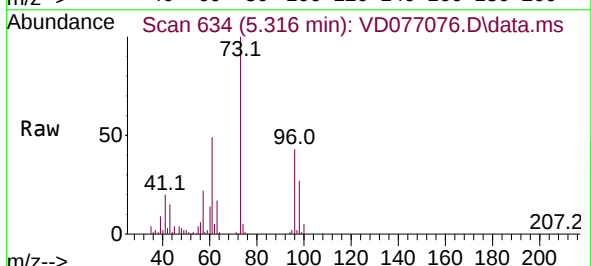


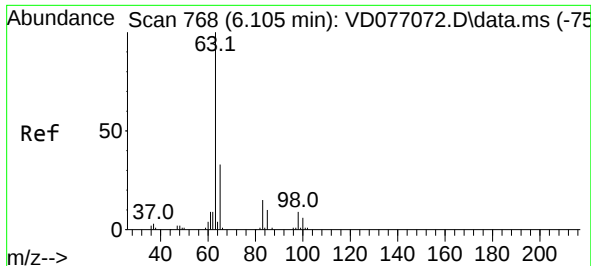
Tgt Ion: 96 Resp: 110715
Ion Ratio Lower Upper
96 100
61 106.2 94.5 175.5
98 66.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 26.461 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion: 73 Resp: 252773
Ion Ratio Lower Upper
73 100
43 16.1 7.2 10.8#
57 20.8 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.389 ug/L

RT: 6.104 min Scan# 71

Delta R.T. -0.000 min

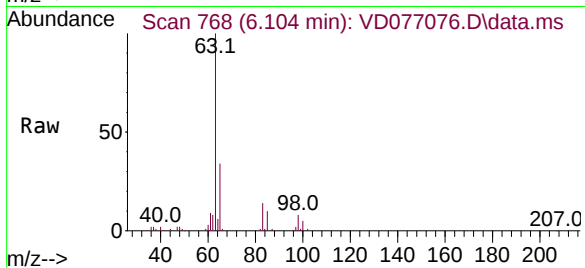
Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



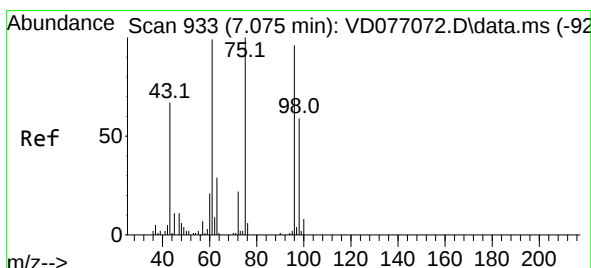
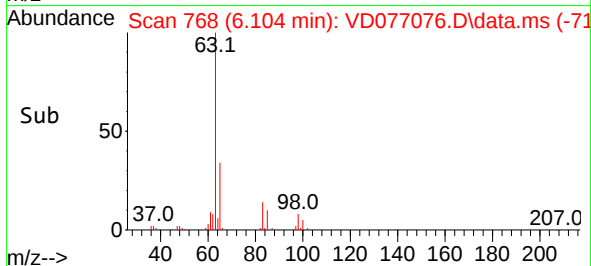
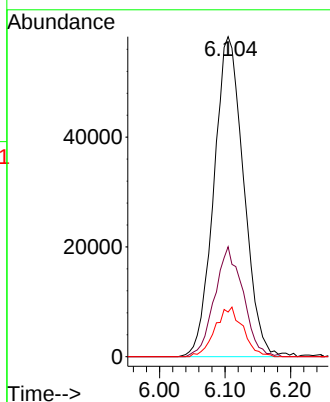
Tgt Ion: 63 Resp: 183304

Ion Ratio Lower Upper

63 100

65 34.3 20.8 38.6

83 14.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 26.547 ug/L

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

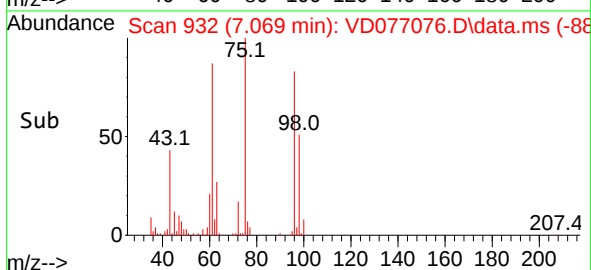
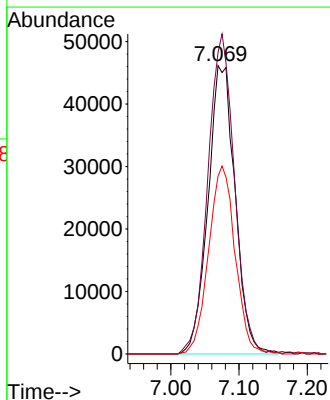
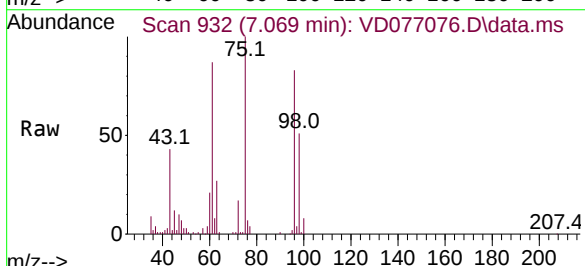
Tgt Ion: 96 Resp: 128138

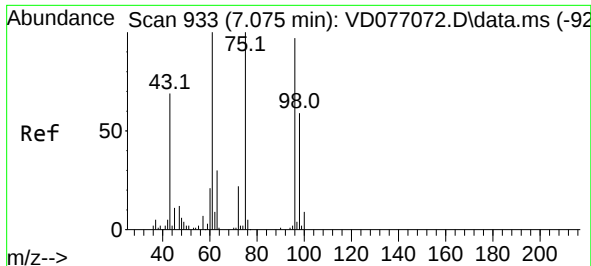
Ion Ratio Lower Upper

96 100

61 104.6 86.0 159.6

98 61.6 42.2 78.4

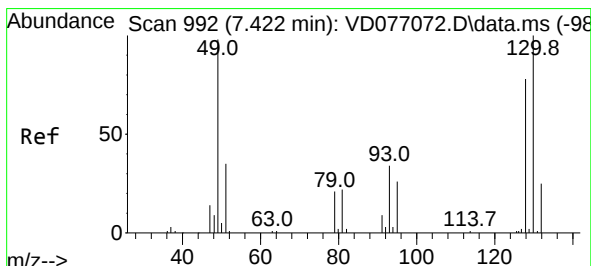
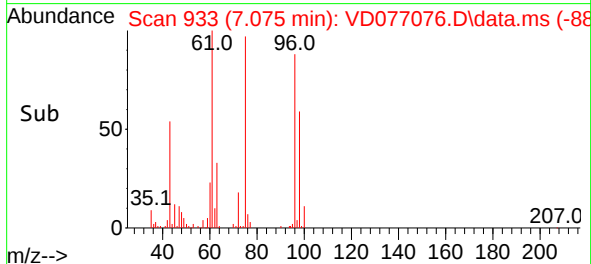
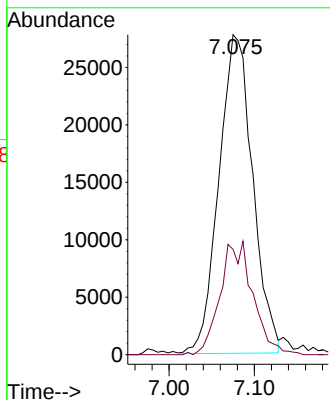
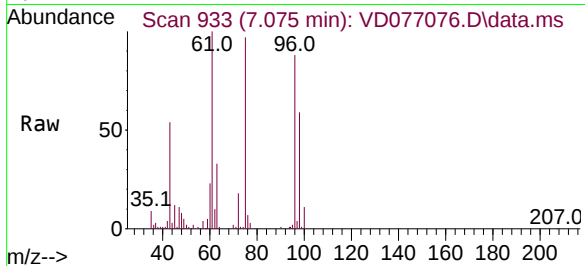




#22
2-Butanone
Concen: 46.593 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

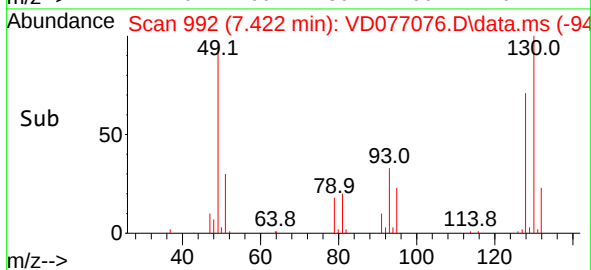
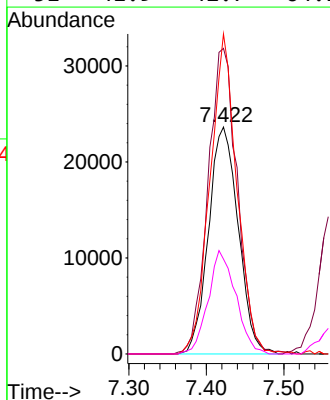
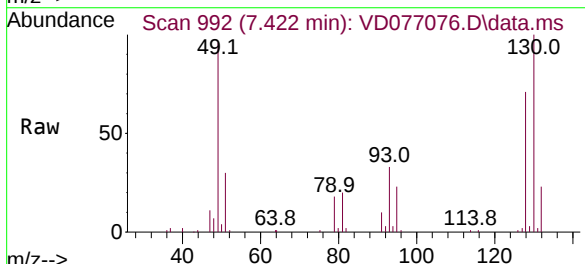
Instrument :
MSVOA_D
ClientSampleId :

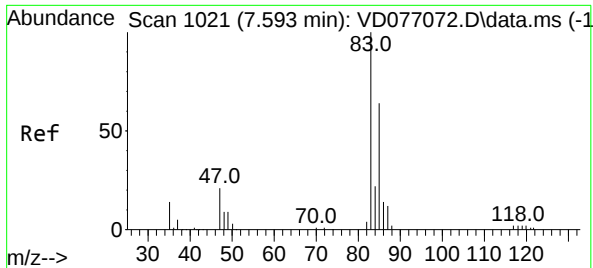
Tgt Ion: 43 Resp: 76404
Ion Ratio Lower Upper
43 100
72 19.8 12.9 38.7



#23
Bromochloromethane
Concen: 26.894 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion: 128 Resp: 62965
Ion Ratio Lower Upper
128 100
49 134.7 124.7 231.7
130 141.1 80.0 148.6
51 41.9 42.7 64.1#

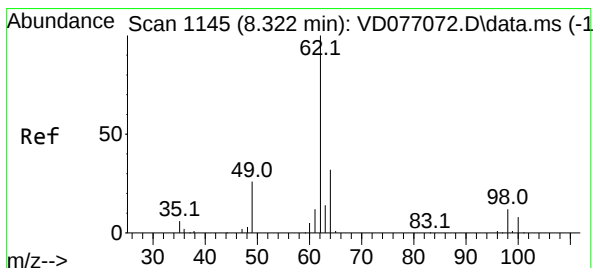
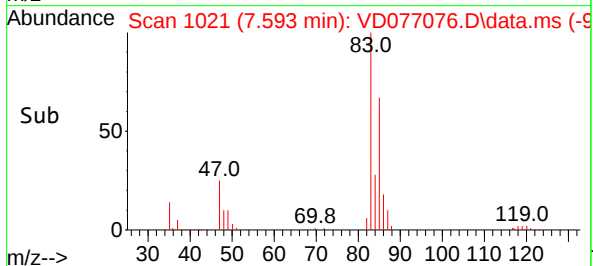
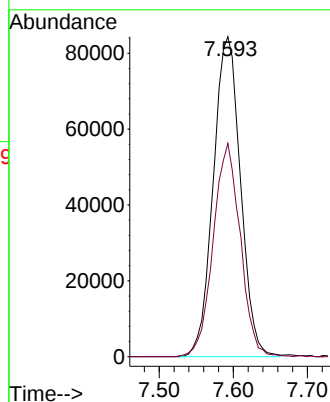
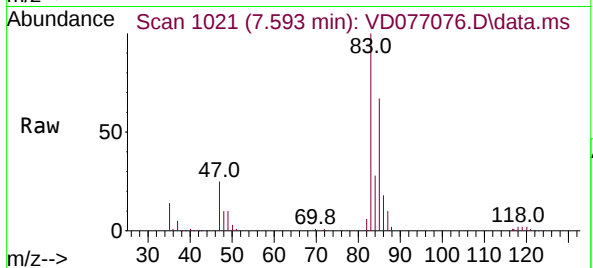




#25
Chloroform
Concen: 27.222 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

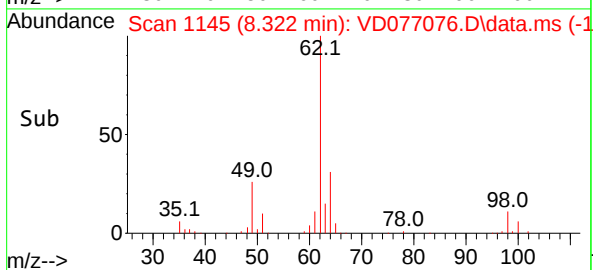
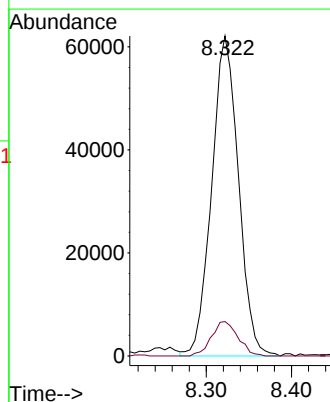
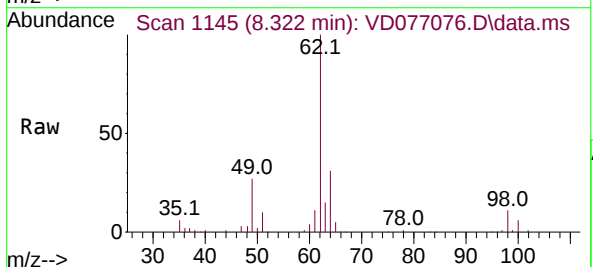
Instrument :
MSVOA_D
ClientSampleId :

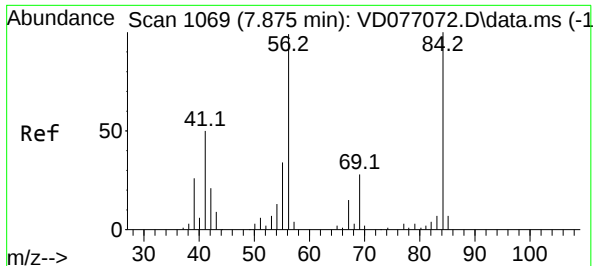
Tgt Ion: 83 Resp: 215247
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 27.333 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion: 62 Resp: 135456
Ion Ratio Lower Upper
62 100
98 10.8 8.7 13.1





#29

Cyclohexane

Concen: 22.104 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

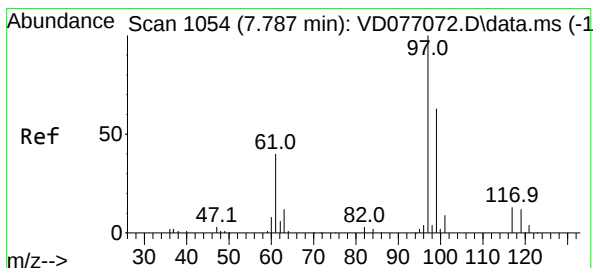
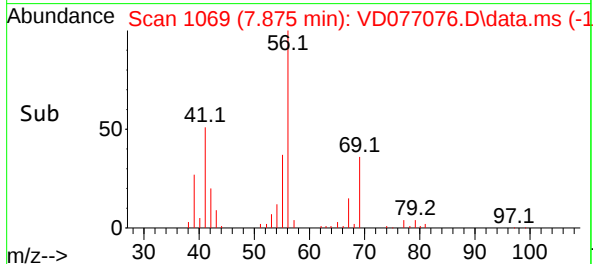
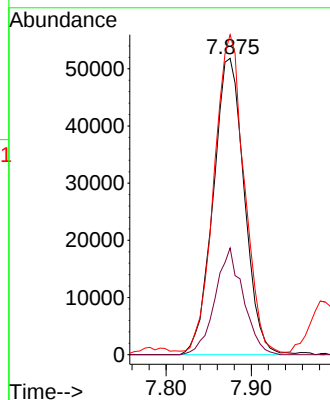
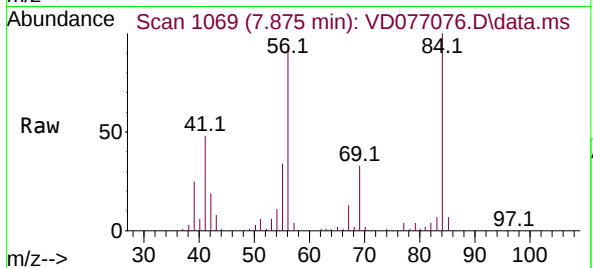
Tgt Ion: 56 Resp: 131148

Ion Ratio Lower Upper

56 100

69 32.7 23.4 35.0

84 105.4 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 25.611 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

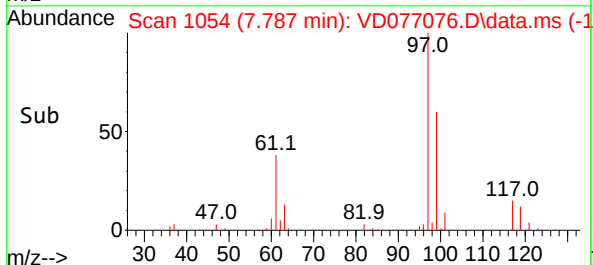
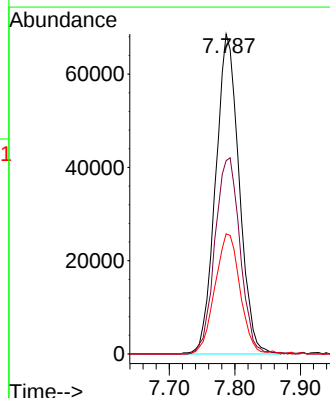
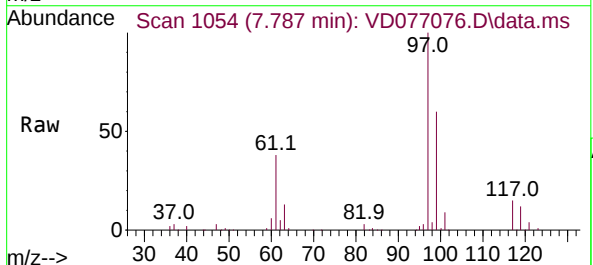
Tgt Ion: 97 Resp: 171044

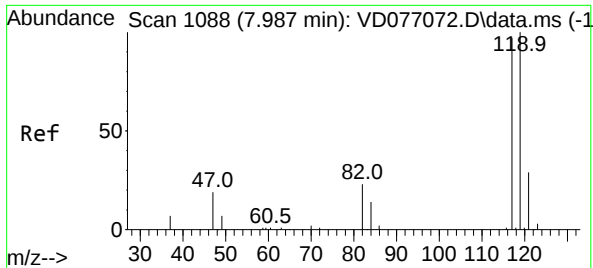
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.6

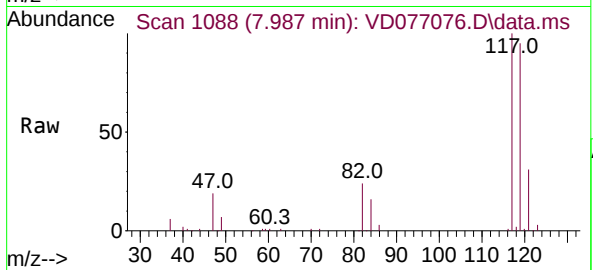
61 40.0 36.4 54.6



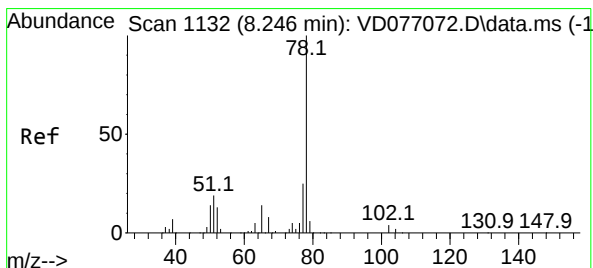
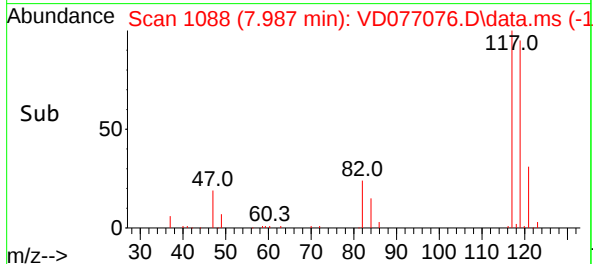
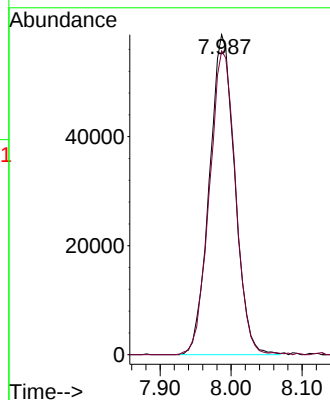


#31
Carbon tetrachloride
Concen: 26.793 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

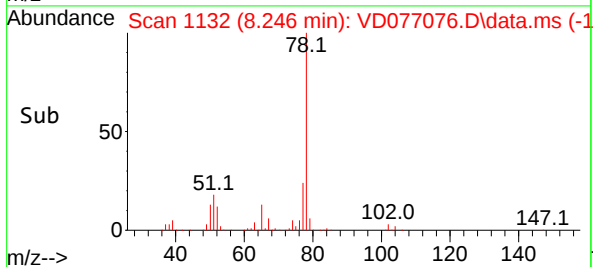
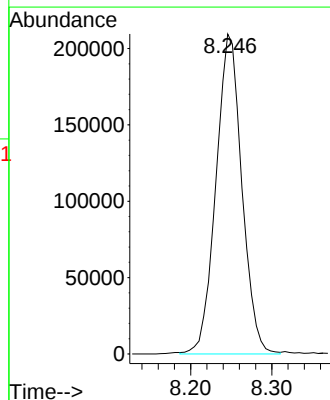
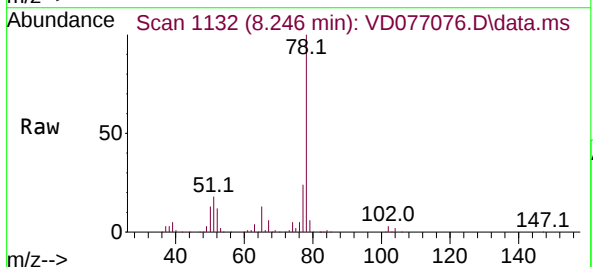


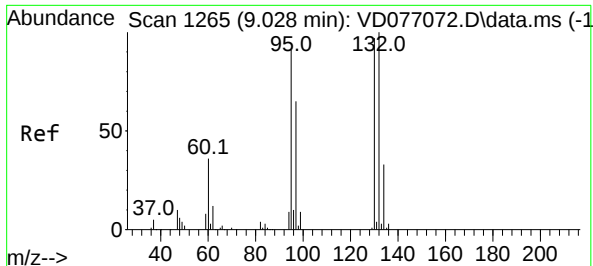
Tgt Ion:117 Resp: 146445
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6



#33
Benzene
Concen: 26.282 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion: 78 Resp: 464337





#34

Trichloroethene

Concen: 24.905 ug/L

RT: 9.022 min Scan# 11

Delta R.T. -0.006 min

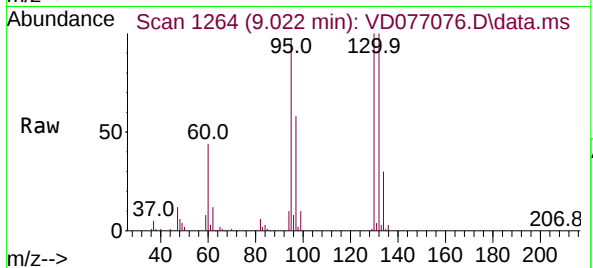
Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 114587

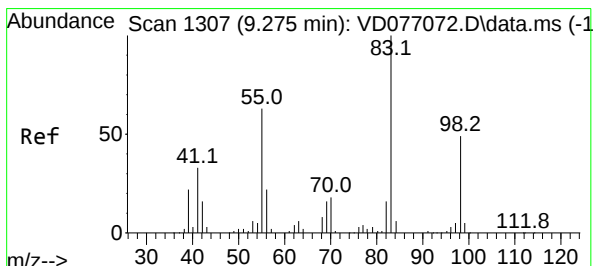
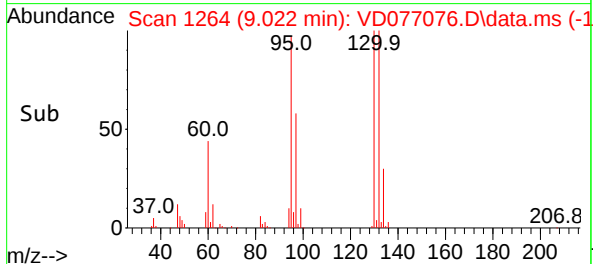
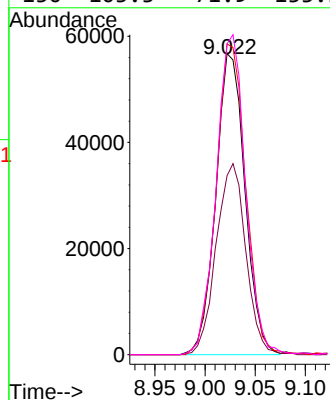
Ion Ratio Lower Upper

95 100

97 59.5 43.1 80.1

132 103.2 71.8 133.4

130 103.3 71.9 133.5



#35

Methylcyclohexane

Concen: 22.883 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

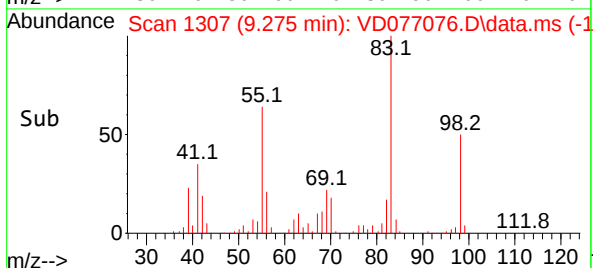
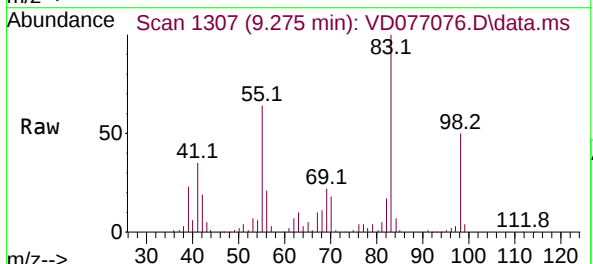
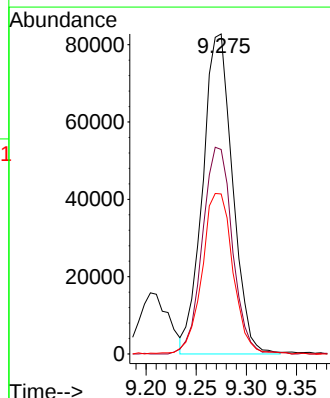
Tgt Ion: 83 Resp: 171691

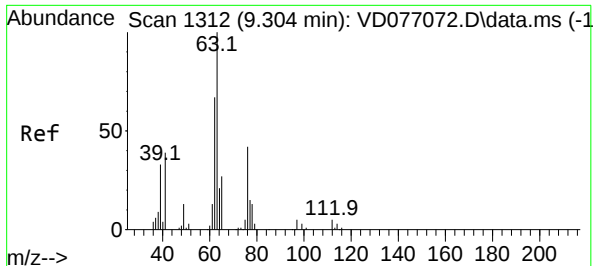
Ion Ratio Lower Upper

83 100

55 64.4 59.8 89.6

98 51.6 37.8 56.6





#37

1,2-Dichloropropane

Concen: 25.599 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

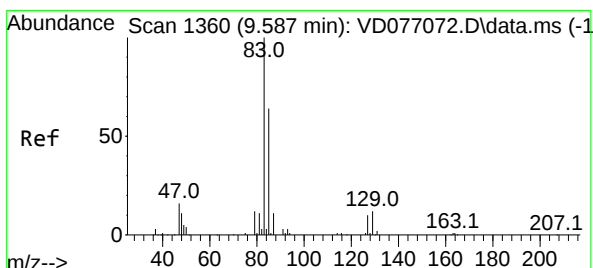
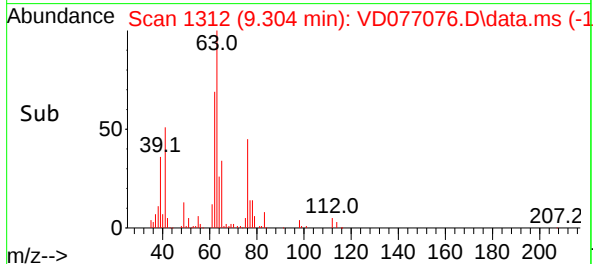
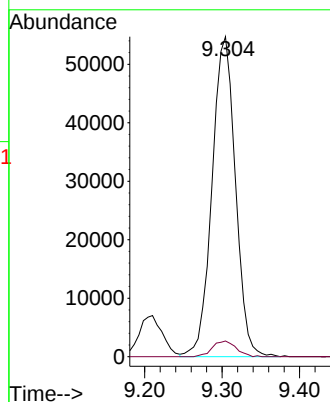
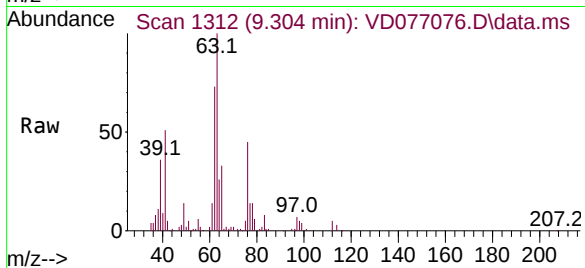
ClientSampleId :

Tgt Ion: 63 Resp: 114889

Ion Ratio Lower Upper

63 100

112 4.9 3.1 4.7#



#38

Bromodichloromethane

Concen: 26.605 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

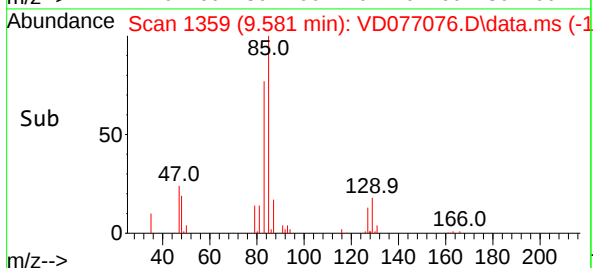
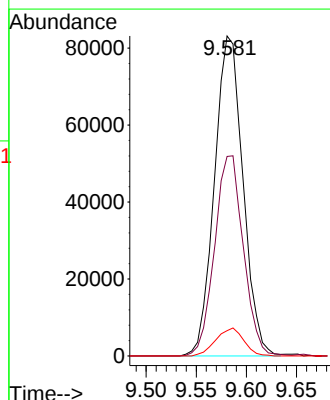
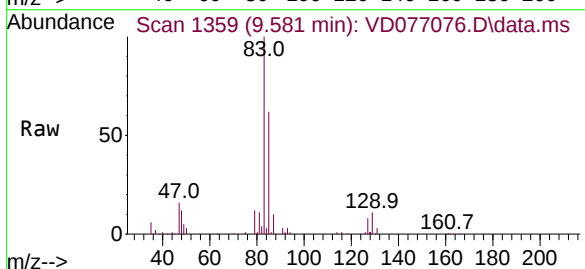
Tgt Ion: 83 Resp: 164430

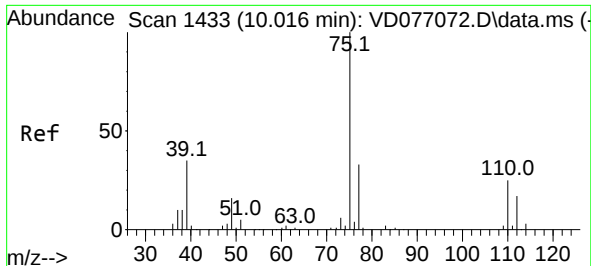
Ion Ratio Lower Upper

83 100

85 62.3 43.9 81.5

127 8.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 25.549 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

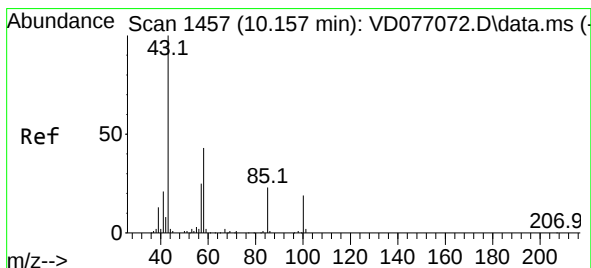
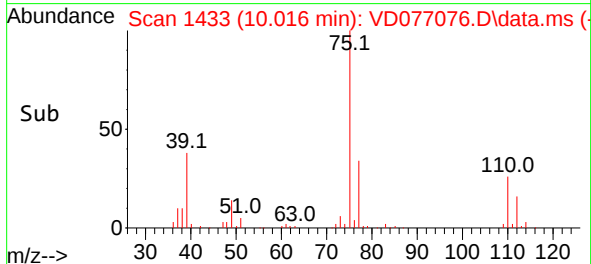
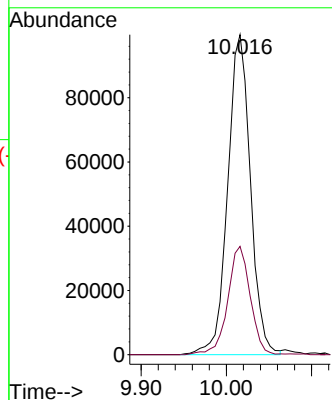
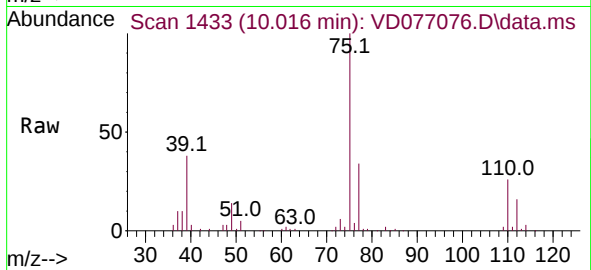
ClientSampleId :

Tgt Ion: 75 Resp: 185054

Ion Ratio Lower Upper

75 100

77 33.9 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 51.233 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

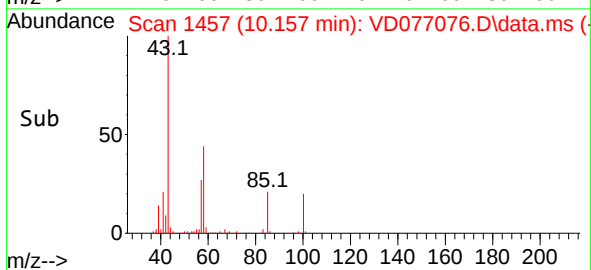
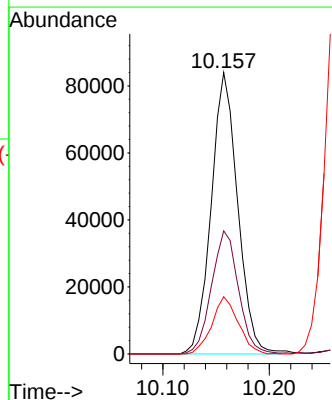
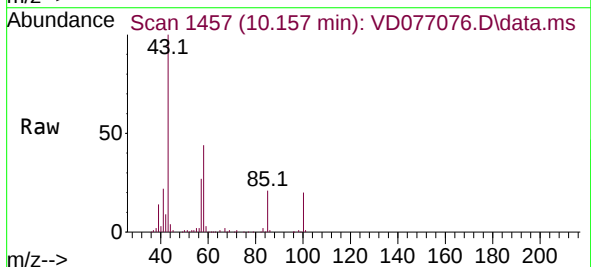
Tgt Ion: 43 Resp: 144873

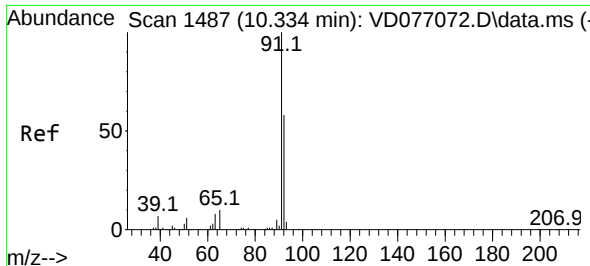
Ion Ratio Lower Upper

43 100

58 44.6 30.7 46.1

100 20.2 11.0 16.4#

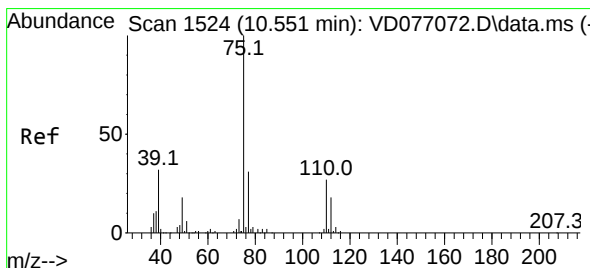
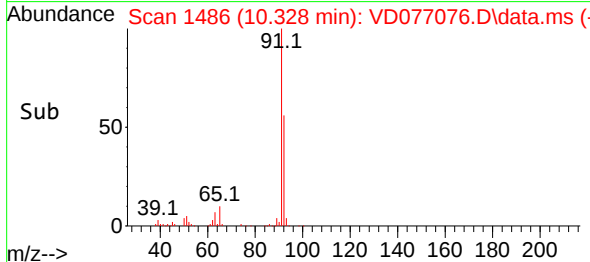
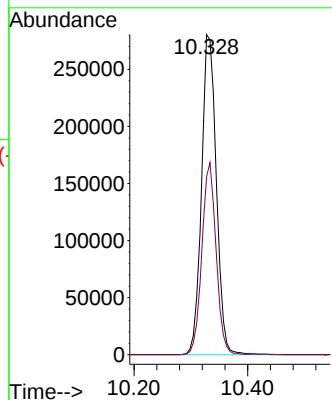
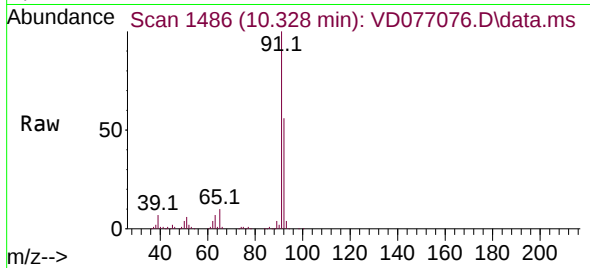




#42
Toluene
Concen: 26.400 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

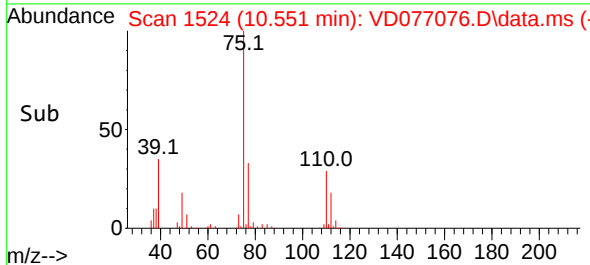
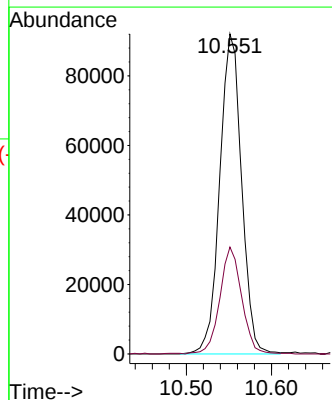
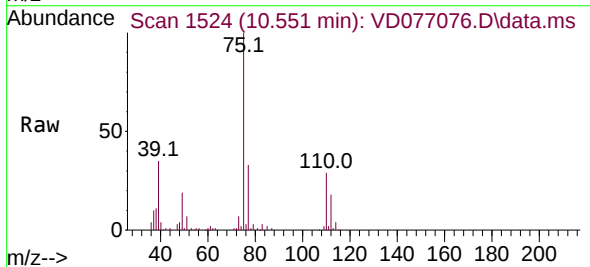
Instrument :
MSVOA_D
ClientSampleId :

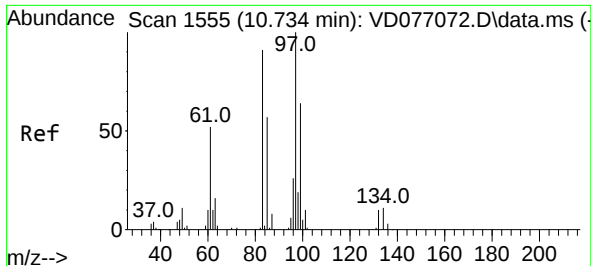
Tgt Ion: 91 Resp: 507181
Ion Ratio Lower Upper
91 100
92 55.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.925 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion: 75 Resp: 164113
Ion Ratio Lower Upper
75 100
77 33.4 22.5 41.7

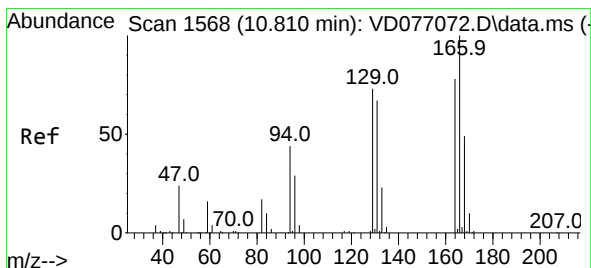
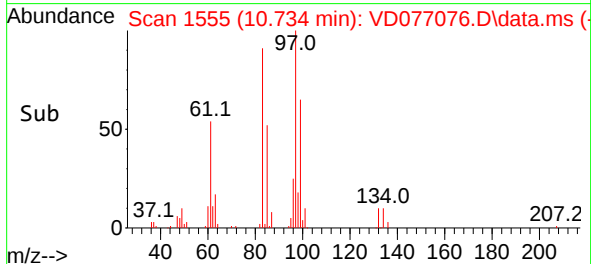
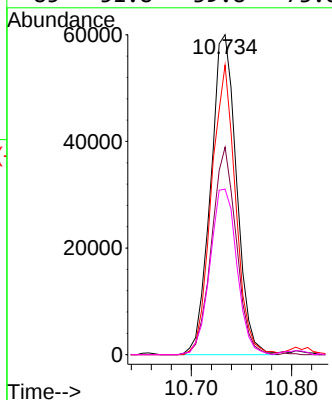
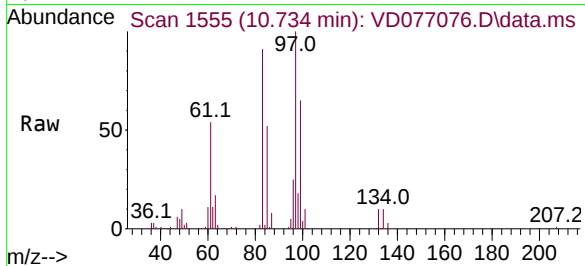




#45
1,1,2-Trichloroethane
Concen: 26.998 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

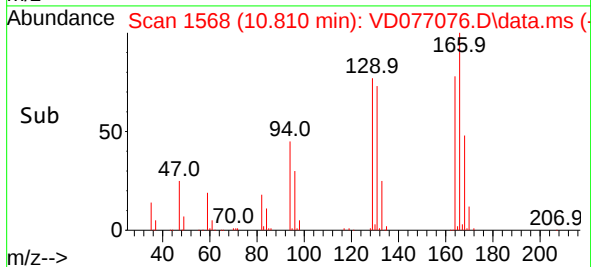
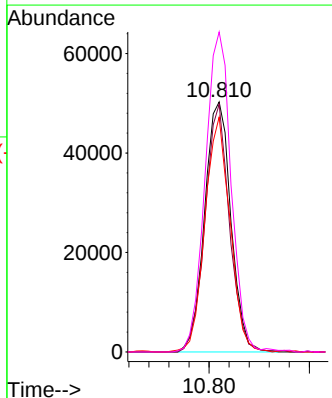
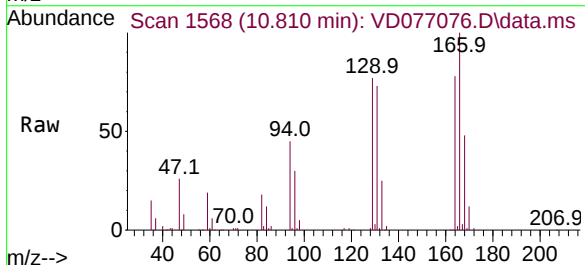
Instrument :
MSVOA_D
ClientSampleId :

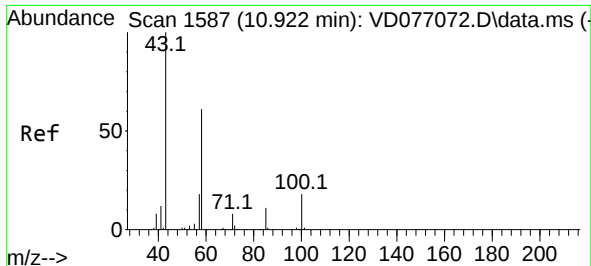
Tgt Ion: 97	Resp: 107687
Ion Ratio	Lower Upper
97 100	
99 64.9	41.9 77.9
83 90.5	59.2 110.0
85 51.8	39.8 73.8



#46
Tetrachloroethene
Concen: 26.410 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

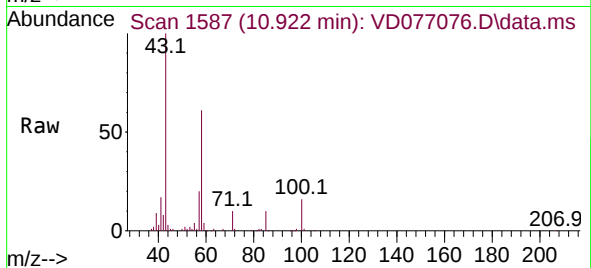
Tgt	Ion:164	Resp:	91579
Ion	Ratio	Lower	Upper
164	100		
129	99.1	65.5	121.6
131	93.9	64.8	120.3
166	128.0	97.2	180.4



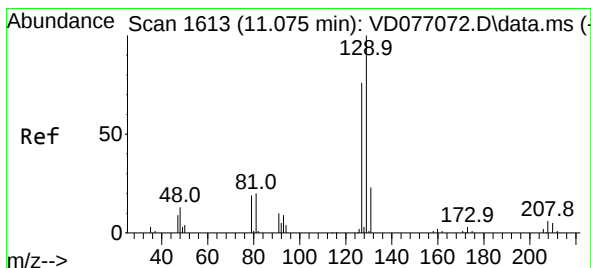
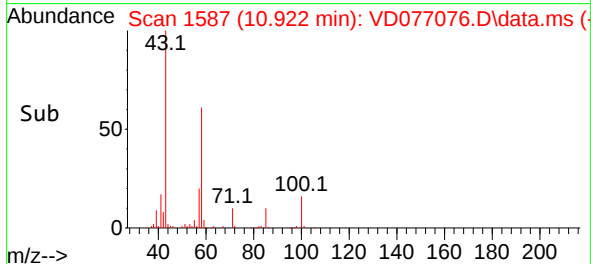
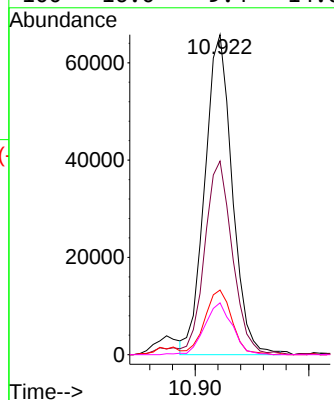


#48
2-Hexanone
Concen: 50.914 ug/L
RT: 10.922 min Scan# 110716
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

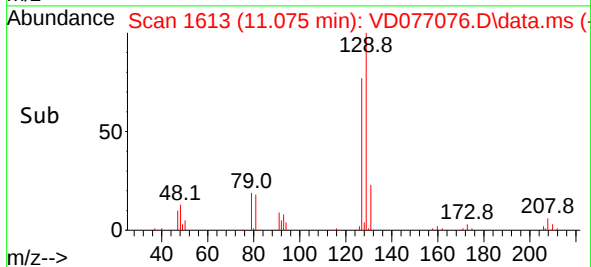
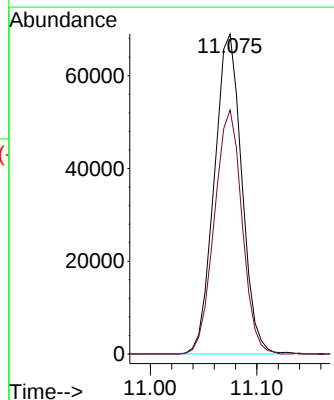
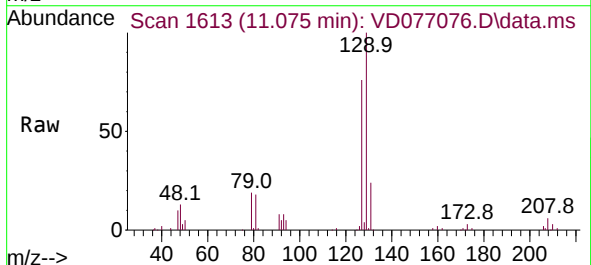


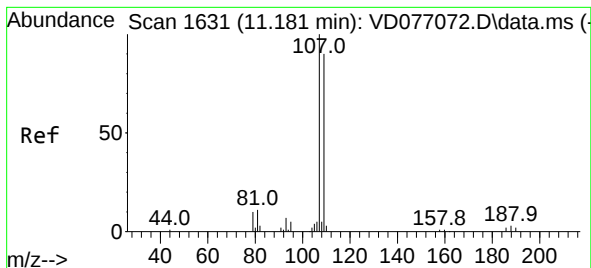
Tgt Ion: 43 Resp: 110716
Ion Ratio Lower Upper
43 100
58 60.6 42.9 64.3
57 20.1 13.7 20.5
100 16.0 9.4 14.0#



#49
Dibromochloromethane
Concen: 27.834 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion: 129 Resp: 123510
Ion Ratio Lower Upper
129 100
127 76.3 55.2 102.6





#50

1,2-Dibromoethane

Concen: 27.127 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

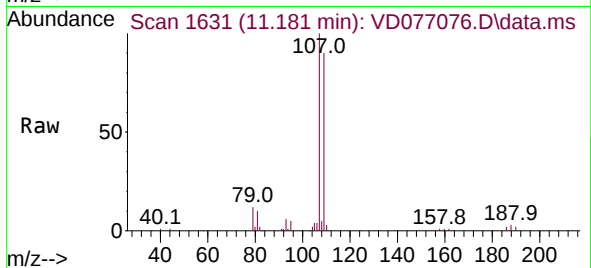
Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



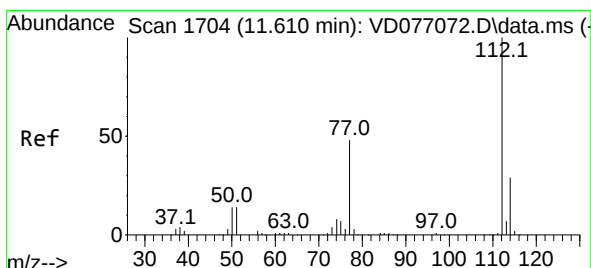
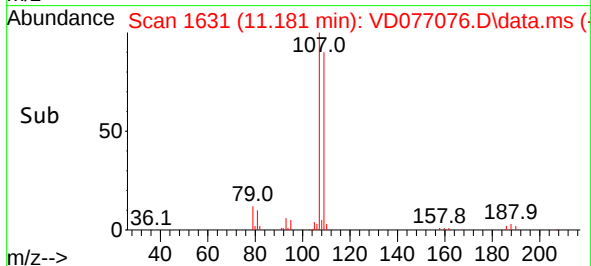
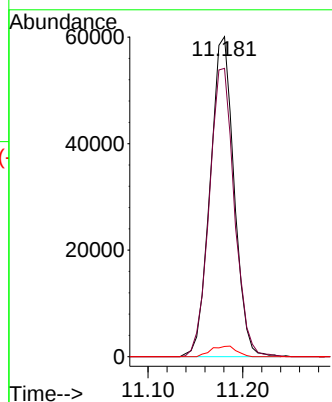
Tgt Ion:107 Resp: 105526

Ion Ratio Lower Upper

107 100

109 90.1 58.8 109.2

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 26.514 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

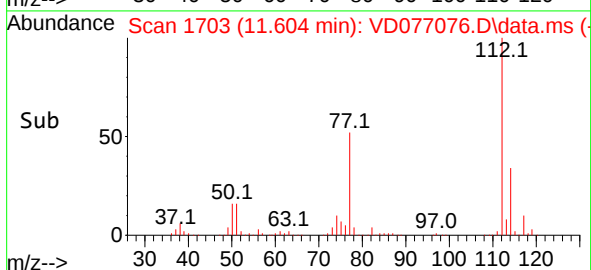
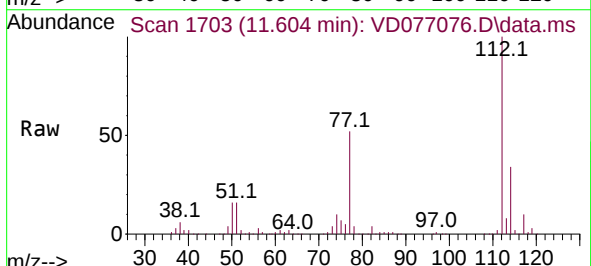
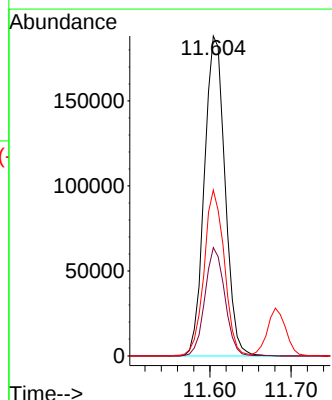
Tgt Ion:112 Resp: 331859

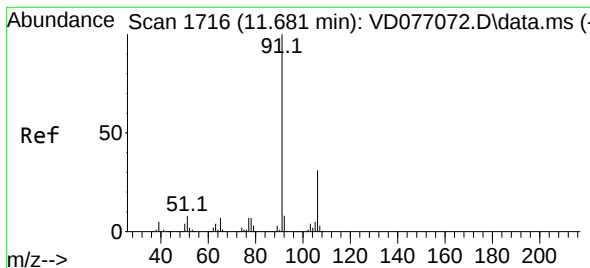
Ion Ratio Lower Upper

112 100

114 33.8 21.5 39.9

77 51.9 43.4 65.2





#52

Ethylbenzene

Concen: 26.430 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

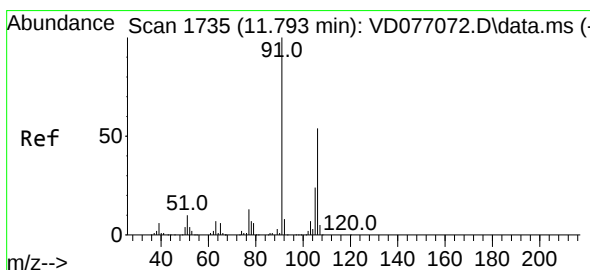
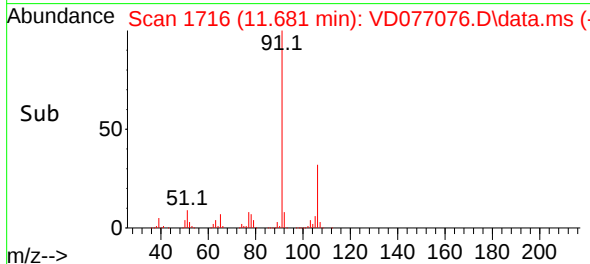
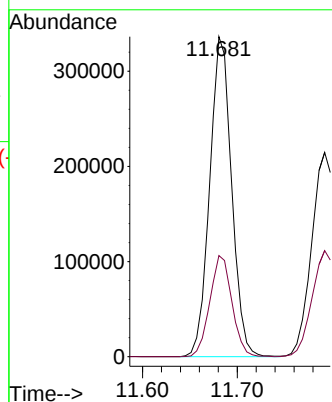
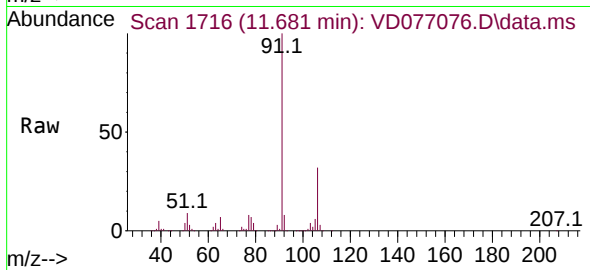
ClientSampleId :

Tgt Ion: 91 Resp: 541049

Ion Ratio Lower Upper

91 100

106 31.6 22.4 41.6



#53

m,p-Xylene

Concen: 26.659 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD077076.D

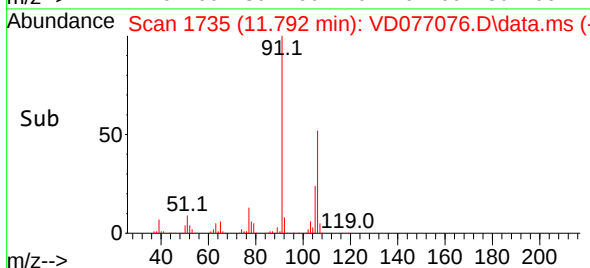
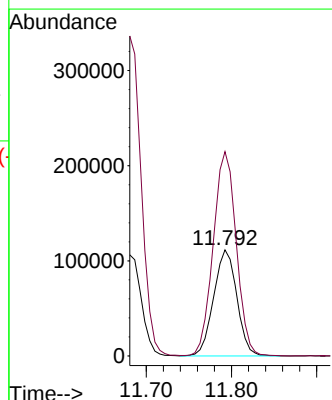
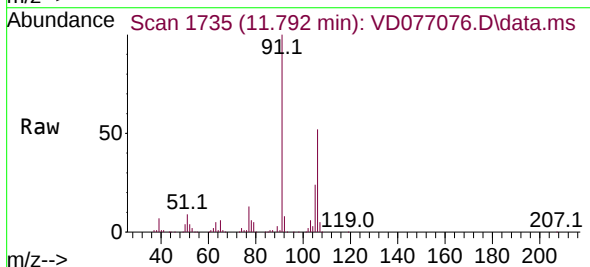
Acq: 30 Aug 2023 14:03

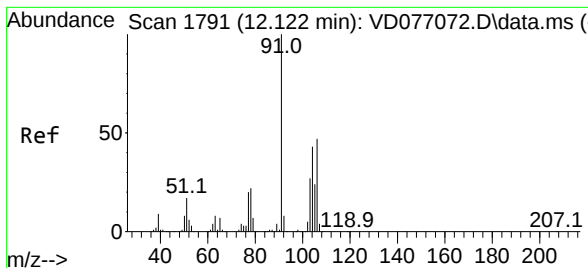
Tgt Ion: 106 Resp: 210574

Ion Ratio Lower Upper

106 100

91 192.8 141.5 262.9

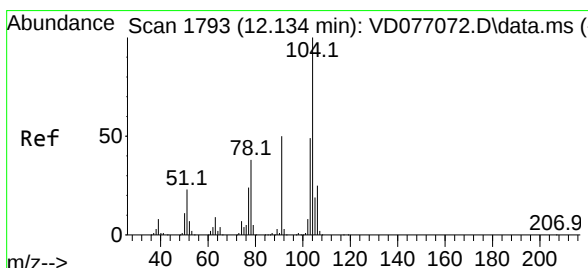
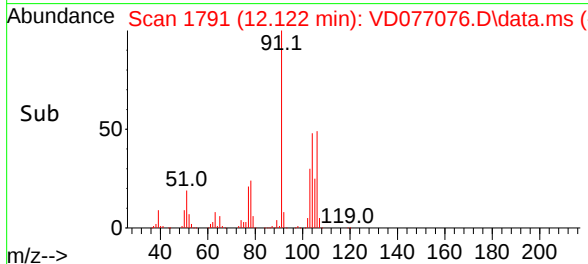
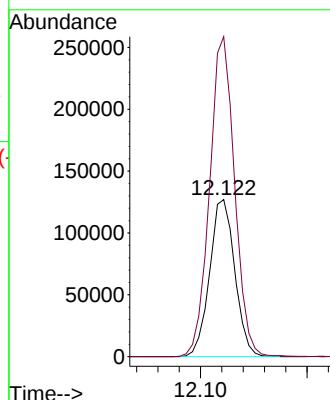
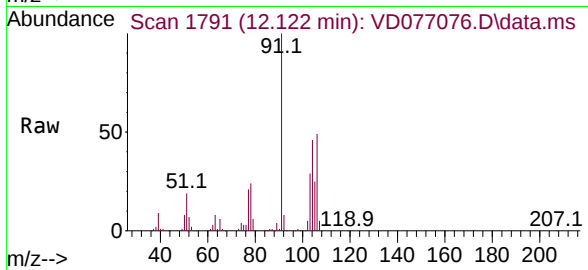




#54
o-Xylene
Concen: 27.408 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

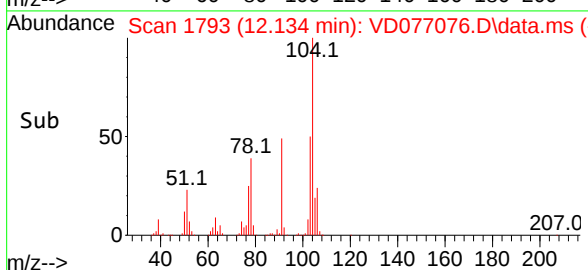
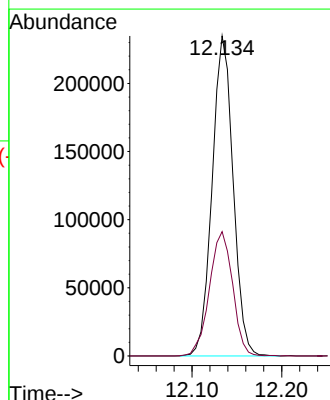
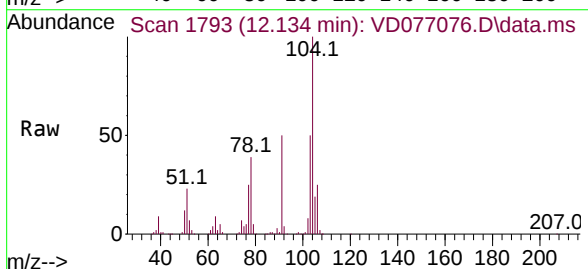
Instrument :
MSVOA_D
ClientSampleId :

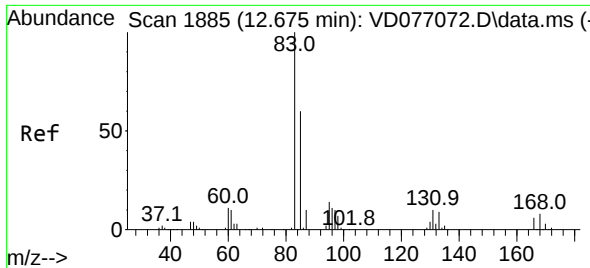
Tgt Ion:106 Resp: 208220
Ion Ratio Lower Upper
106 100
91 203.7 142.2 264.2



#55
Styrene
Concen: 27.759 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion:104 Resp: 381296
Ion Ratio Lower Upper
104 100
78 38.9 31.3 58.1

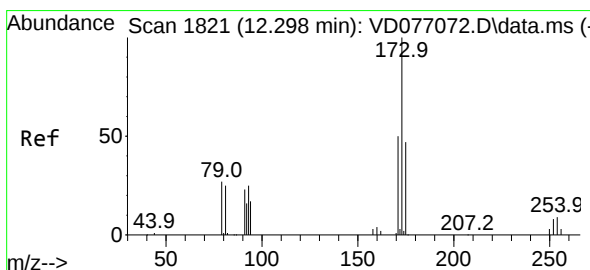
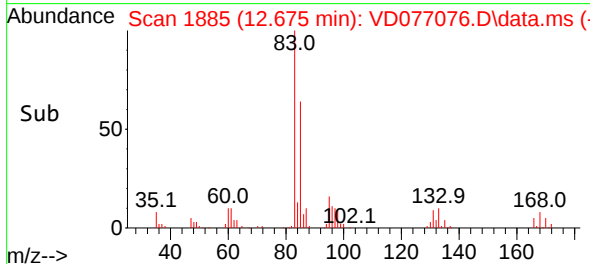
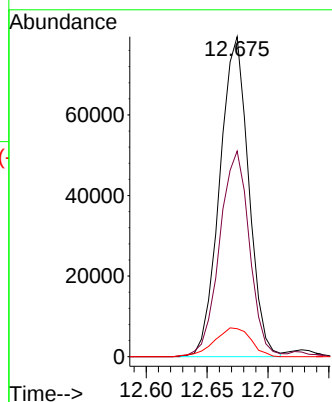
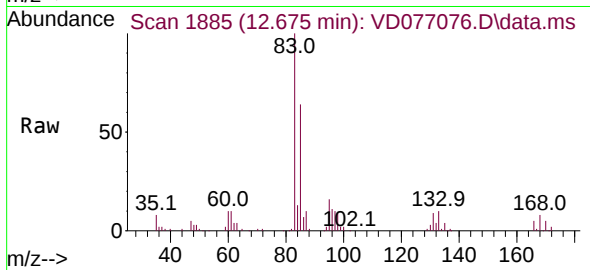




#57
1,1,2,2-Tetrachloroethane
Concen: 26.616 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

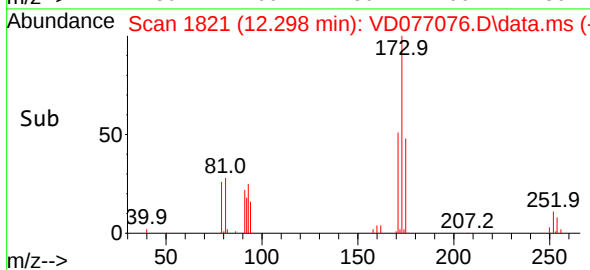
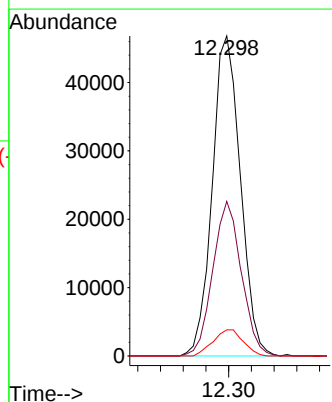
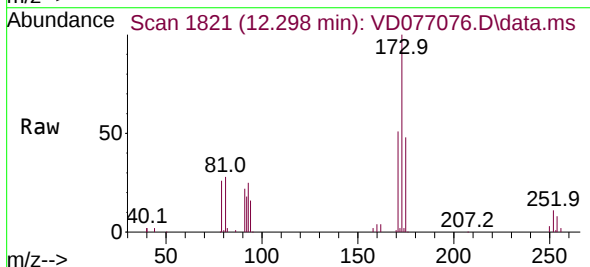
Instrument :
MSVOA_D
ClientSampleId :

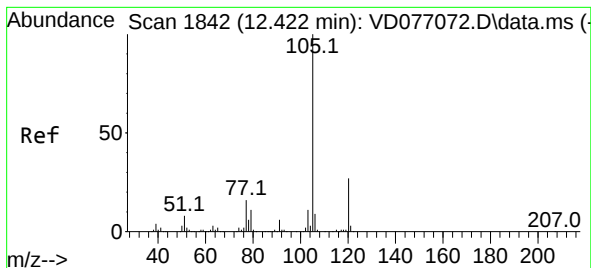
Tgt Ion: 83 Resp: 131304
Ion Ratio Lower Upper
83 100
85 64.2 46.3 86.1
131 8.8 7.0 10.4



#59
Bromoform
Concen: 27.900 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion:173 Resp: 80486
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 8.7 5.3 7.9#





#60

Isopropylbenzene

Concen: 25.092 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

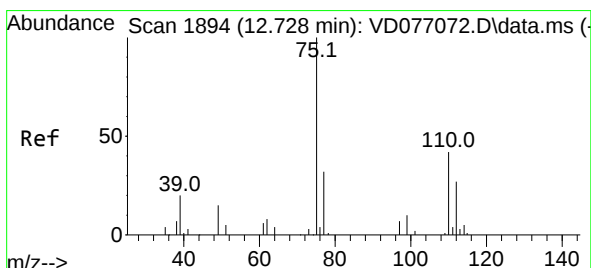
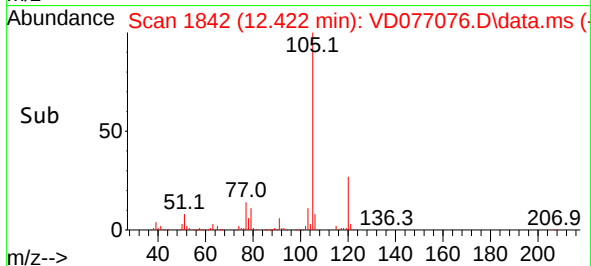
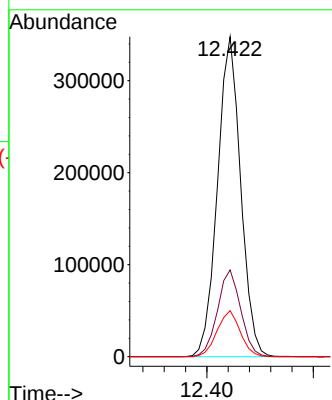
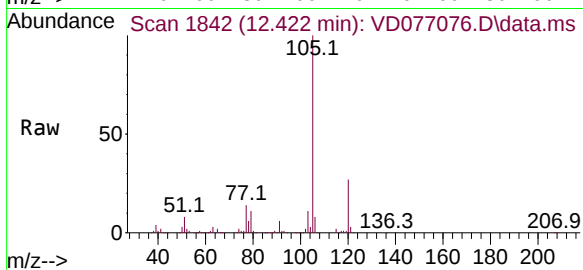
Tgt Ion:105 Resp: 524930

Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 14.4 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 25.375 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

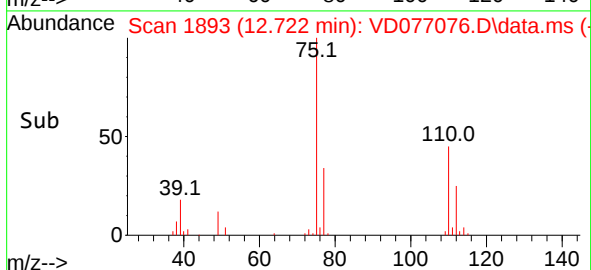
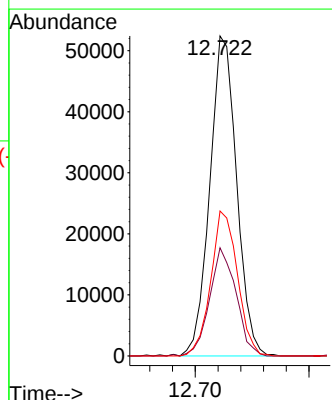
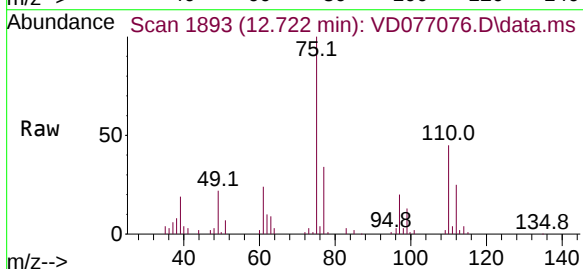
Tgt Ion: 75 Resp: 86149

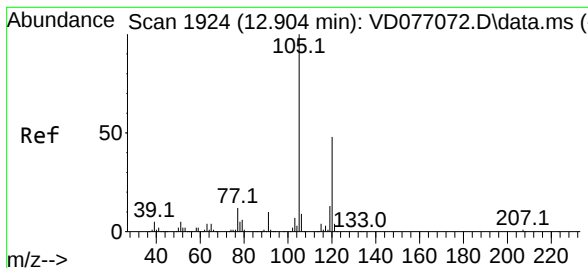
Ion Ratio Lower Upper

75 100

77 33.2 27.2 40.8

110 44.9 31.8 47.6

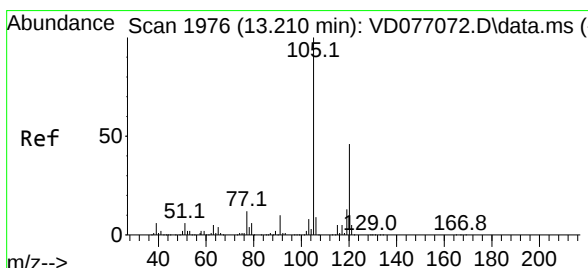
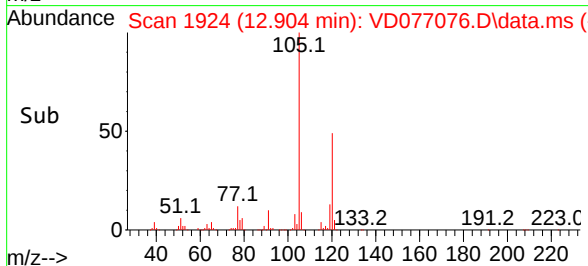
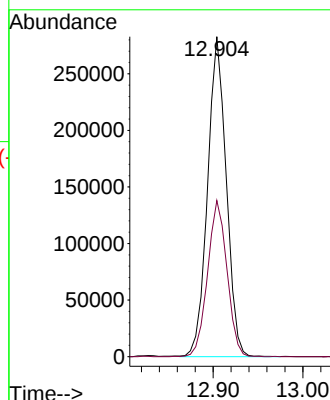
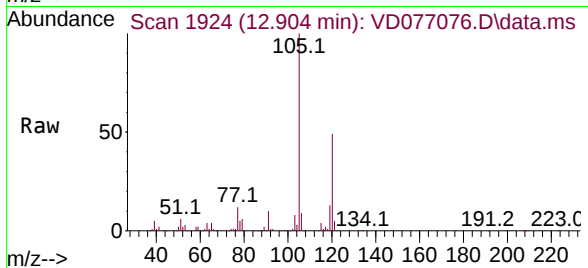




#62
 1,3,5-Trimethylbenzene
 Concen: 25.702 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

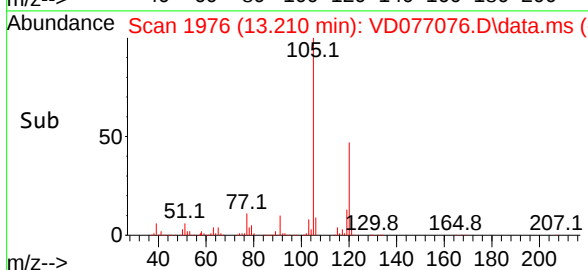
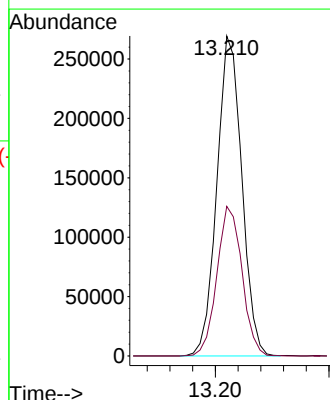
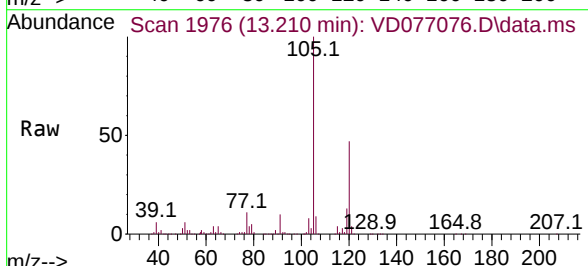
Instrument :
 MSVOA_D
 ClientSampleId :

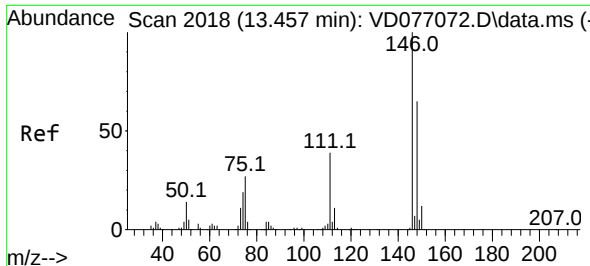
Tgt Ion:105 Resp: 409618
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 25.896 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

Tgt Ion:105 Resp: 410721
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.5 56.3

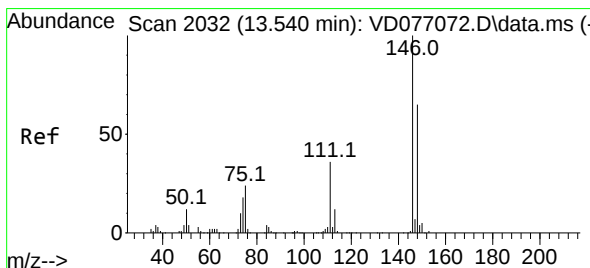
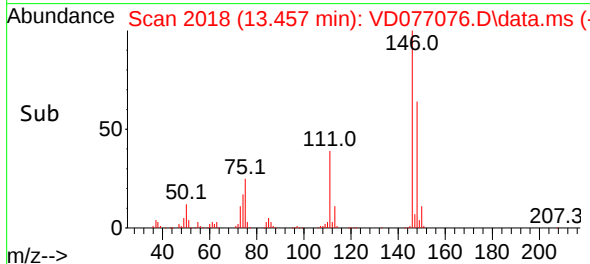
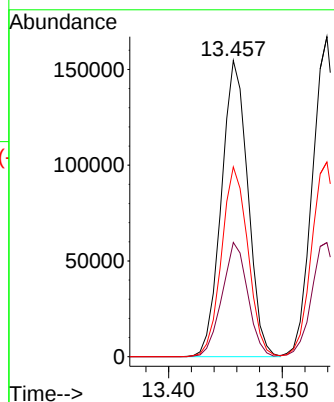
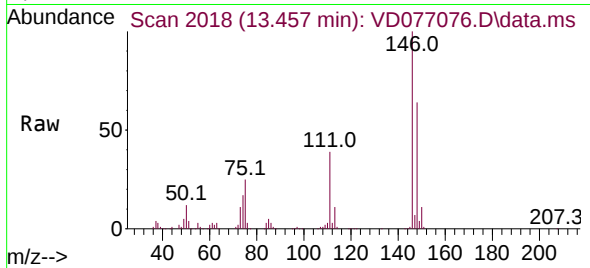




#64
1,3-Dichlorobenzene
Concen: 26.225 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

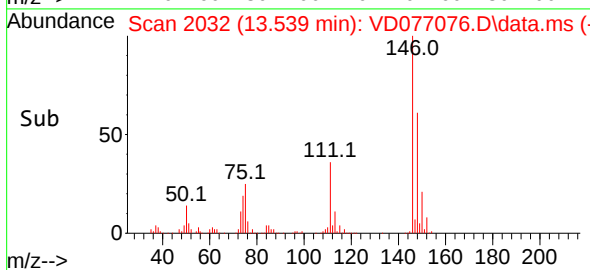
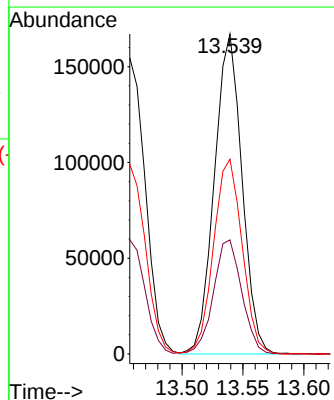
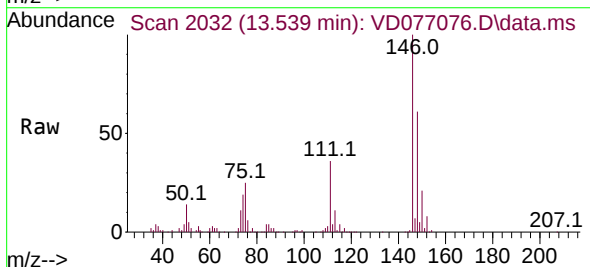
Instrument :
MSVOA_D
ClientSampleId :

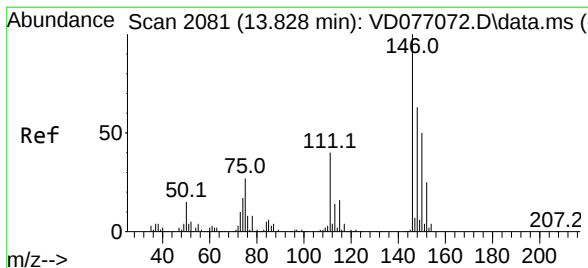
Tgt Ion:146 Resp: 250392
Ion Ratio Lower Upper
146 100
111 38.6 25.6 47.4
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 26.750 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077076.D
Acq: 30 Aug 2023 14:03

Tgt Ion:146 Resp: 263995
Ion Ratio Lower Upper
146 100
111 35.7 25.7 47.7
148 60.9 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 26.516 ug/L

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

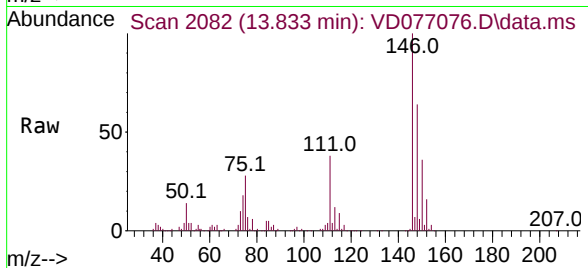
Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



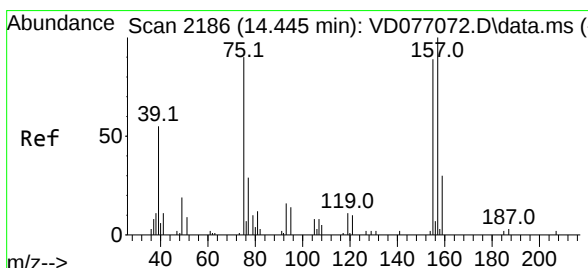
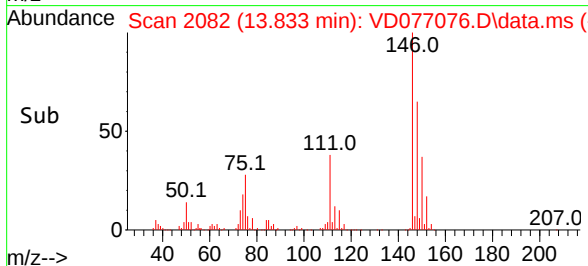
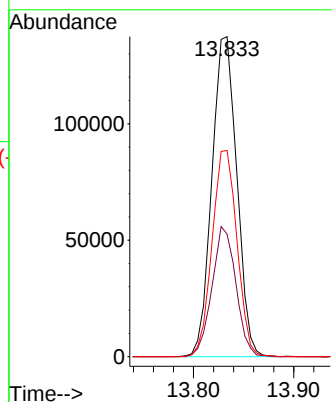
Tgt Ion:146 Resp: 237333

Ion Ratio Lower Upper

146 100

111 38.3 31.3 46.9

148 64.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.713 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

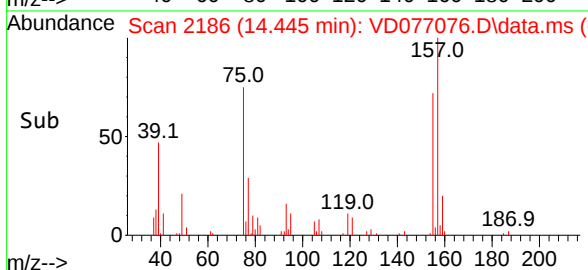
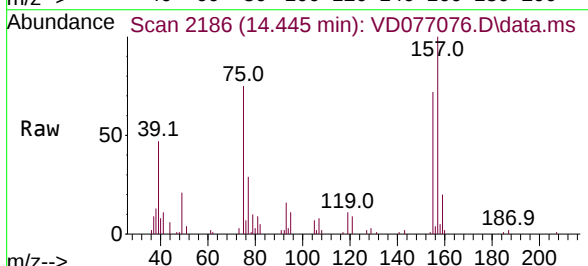
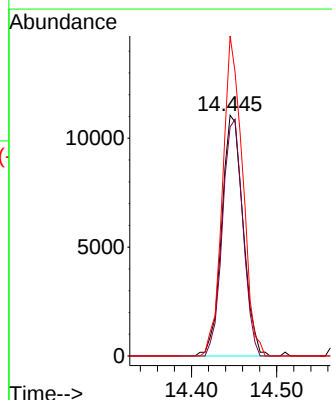
Tgt Ion: 75 Resp: 19224

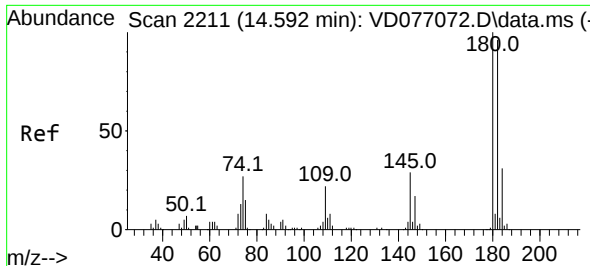
Ion Ratio Lower Upper

75 100

155 95.2 76.2 114.4

157 133.0 89.4 134.2

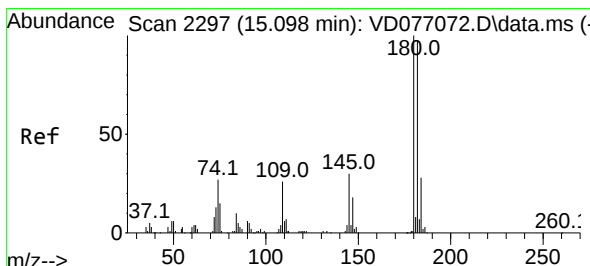
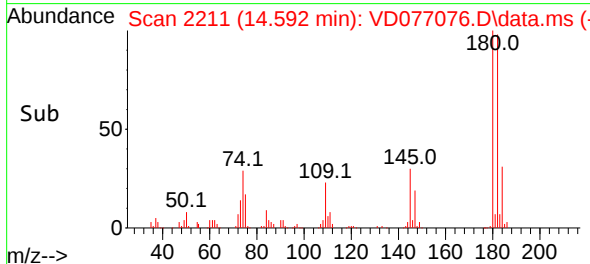
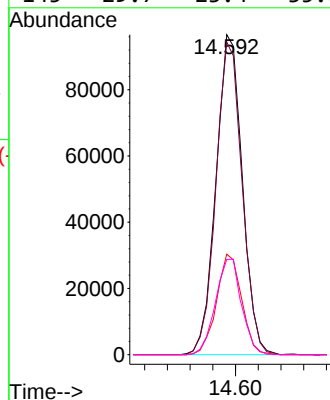
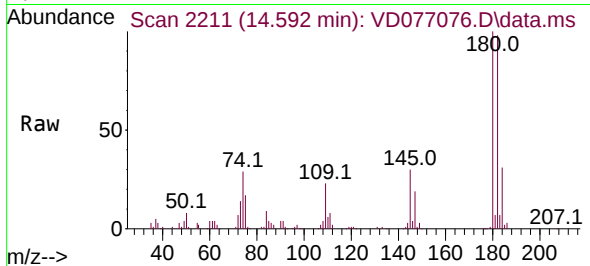




#69
 1,3,5-Trichlorobenzene
 Concen: 25.988 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

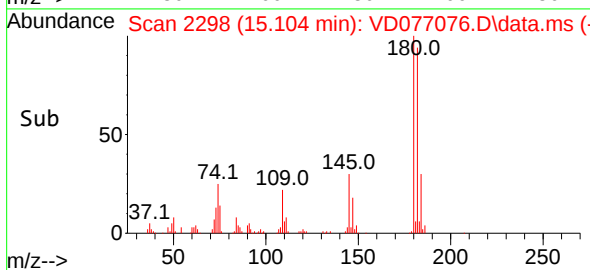
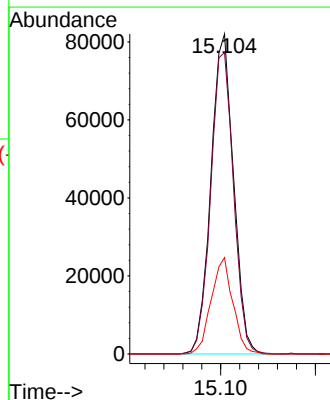
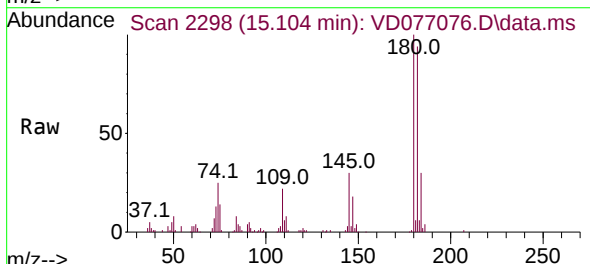
Instrument :
 MSVOA_D
 ClientSampleId :

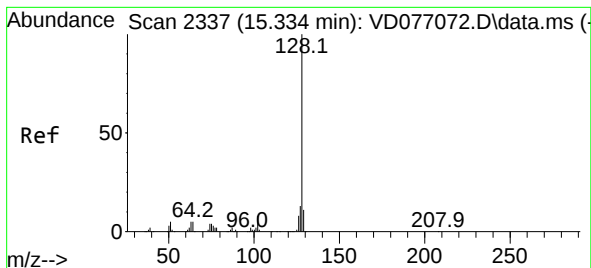
Tgt Ion:180	Resp: 155271
Ion Ratio	Lower Upper
180	100
182	97.0 77.1 115.7
184	30.0 25.0 37.4
145	29.7 23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 25.899 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VD077076.D
 Acq: 30 Aug 2023 14:03

Tgt Ion:180	Resp: 136118
Ion Ratio	Lower Upper
180	100
182	95.1 76.9 115.3
145	28.8 23.5 35.3





#71

Naphthalene

Concen: 25.756 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

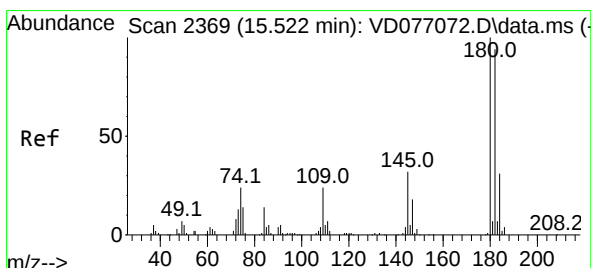
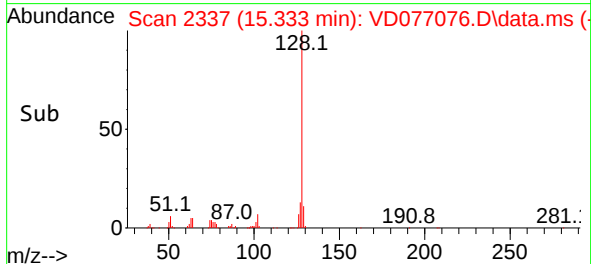
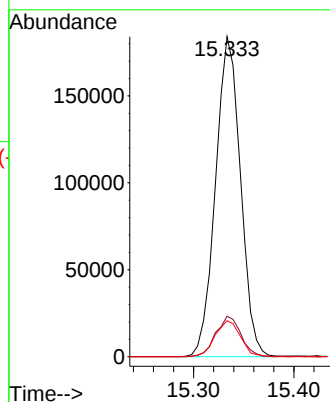
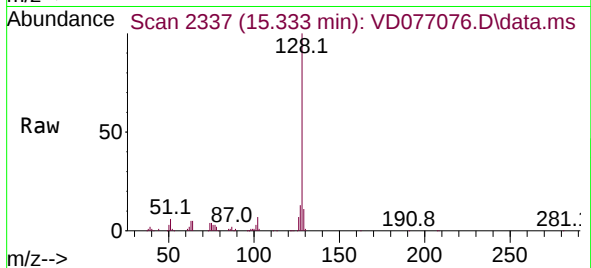
Tgt Ion:128 Resp: 318297

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.279 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077076.D

Acq: 30 Aug 2023 14:03

Tgt Ion:180 Resp: 130024

Ion Ratio Lower Upper

180 100

182 97.5 74.3 111.5

145 31.6 25.0 37.6

