

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077536.D
 Acq On : 09 Nov 2023 18:01
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 02:09:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	352785	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	331009	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	156641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	192187	21.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.804	69	159369	22.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
11) 1,1-Dichloroethene-d2	3.916	65	59723	21.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	6.987	46	88419	56.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.569	84	250060	24.537	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.160%
26) 1,2-Dichloroethane-d4	8.234	65	139105	25.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%
32) Benzene-d6	8.204	84	504441	23.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.210	67	168026	24.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.040%
41) Toluene-d8	10.269	98	453306	23.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	10.528	79	75351	24.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.880%
47) 2-Hexanone-d5	10.875	63	71293	56.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	128098	27.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	143370	25.728	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	122445	21.551	ug/L	99
3) Chloromethane	2.152	50	189949	23.238	ug/L	98
5) Vinyl chloride	2.287	62	208987	22.652	ug/L	96
6) Bromomethane	2.699	94	111714	22.744	ug/L	99
8) Chloroethane	2.840	64	133590	23.291	ug/L	96
9) Trichlorofluoromethane	3.175	101	189956	22.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	114930	22.244	ug/L	98
12) 1,1-Dichloroethene	3.940	96	107924	21.512	ug/L	87
13) Acetone	4.022	43	87099	53.329	ug/L	65
14) Carbon disulfide	4.275	76	394786	21.854	ug/L	98
15) Methyl Acetate	4.557	43	72868	27.120	ug/L	100
16) Methylene chloride	4.798	84	138086	23.183	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	119237	22.594	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	321070	25.922	ug/L	99
19) 1,1-Dichloroethane	6.116	63	248851	23.502	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	136532	23.813	ug/L	97
22) 2-Butanone	7.087	43	107618	54.764	ug/L	97
23) Bromochloromethane	7.428	128	57726	25.057	ug/L	93
25) Chloroform	7.598	83	233925	24.049	ug/L	98

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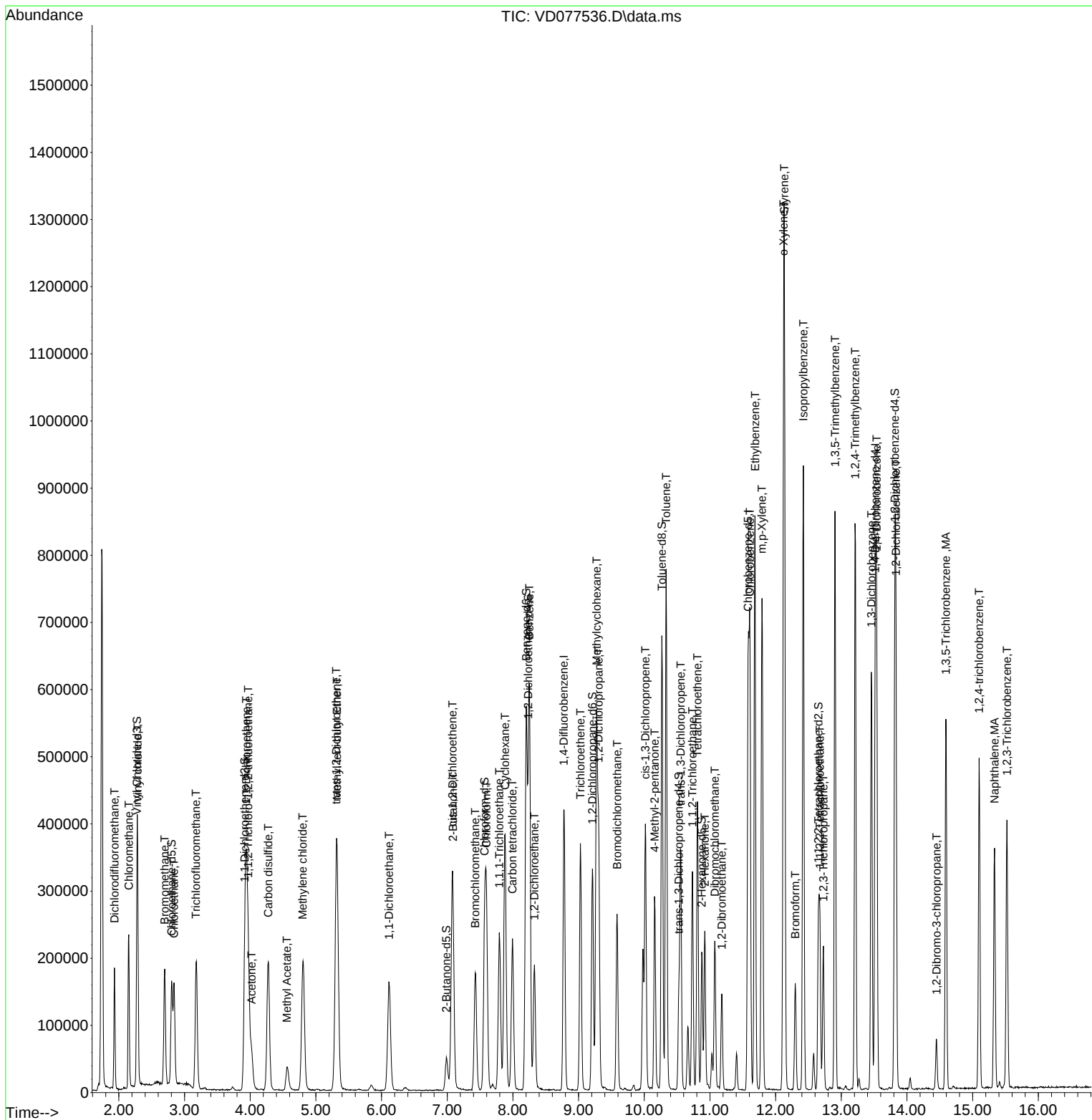
Instrument :
 MSVOA_D
 ClientSampleId :

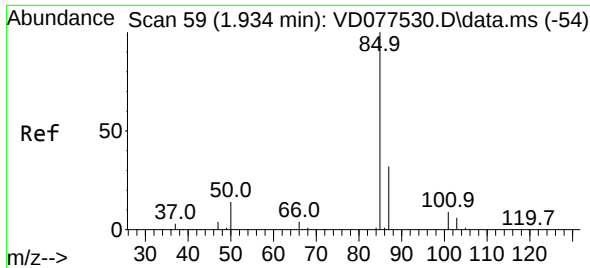
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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	163427	25.345	ug/L	98
29) Cyclohexane	7.881	56	225398	20.972	ug/L	100
30) 1,1,1-Trichloroethane	7.792	97	192104	22.169	ug/L	99
31) Carbon tetrachloride	7.992	117	161660	21.708	ug/L	97
33) Benzene	8.251	78	527540	22.982	ug/L	100
34) Trichloroethene	9.028	95	129607	22.787	ug/L	93
35) Methylcyclohexane	9.275	83	217849	21.224	ug/L	99
37) 1,2-Dichloropropane	9.304	63	151233	23.700	ug/L	98
38) Bromodichloromethane	9.586	83	178442	24.379	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	240847	24.562	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	201487	51.813	ug/L	99
42) Toluene	10.333	91	556575	23.095	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	200490	24.744	ug/L	99
45) 1,1,2-Trichloroethane	10.733	97	100086	25.659	ug/L	96
46) Tetrachloroethene	10.810	164	92873	22.192	ug/L	94
48) 2-Hexanone	10.922	43	161355	52.348	ug/L	99
49) Dibromochloromethane	11.075	129	110436	24.925	ug/L	98
50) 1,2-Dibromoethane	11.180	107	93425	25.046	ug/L	97
51) Chlorobenzene	11.610	112	333645	23.631	ug/L	97
52) Ethylbenzene	11.686	91	612029	23.080	ug/L	96
53) m,p-Xylene	11.792	106	226514	23.474	ug/L	97
54) o-Xylene	12.122	106	219184	23.716	ug/L	97
55) Styrene	12.133	104	383132	23.743	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	121393	26.418	ug/L	98
59) Bromoform	12.298	173	67925	25.434	ug/L	98
60) Isopropylbenzene	12.422	105	579197	22.860	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	85870	25.736	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	447052	23.248	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	463446	23.792	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	246934	23.756	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	249778	23.811	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	223544	24.325	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	19157	26.396	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.592	180	168863	23.859	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	148388	24.876	ug/L	98
71) Naphthalene	15.333	128	289784	25.777	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	127333	25.035	ug/L	100

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

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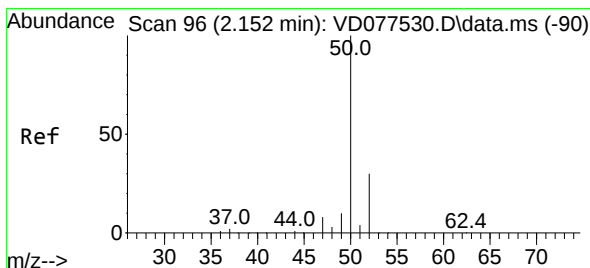
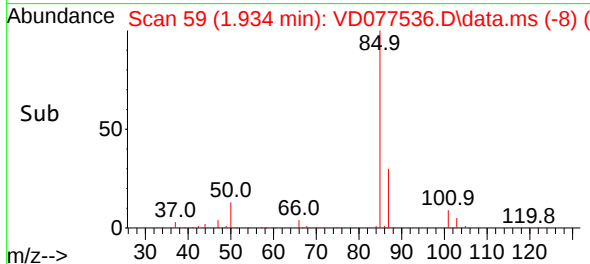
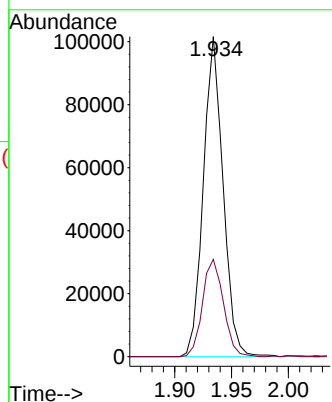
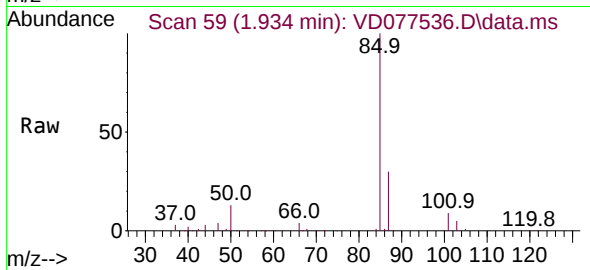




#2
Dichlorodifluoromethane
Concen: 21.551 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

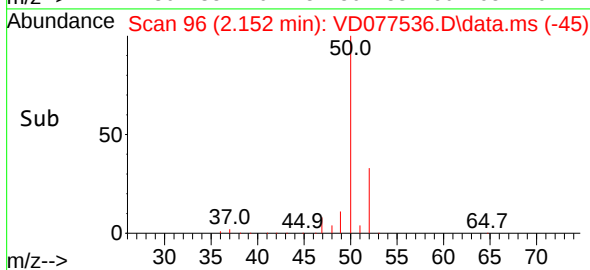
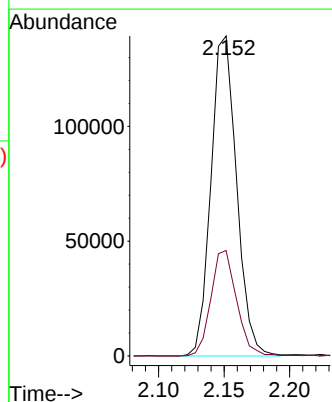
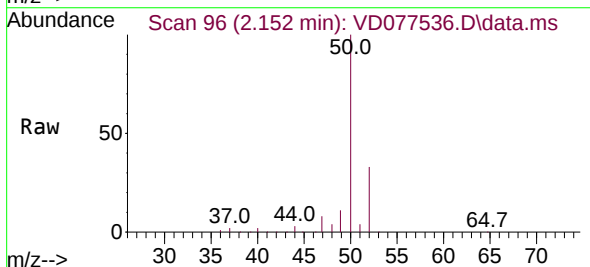
Instrument :
MSVOA_D
ClientSampleId :

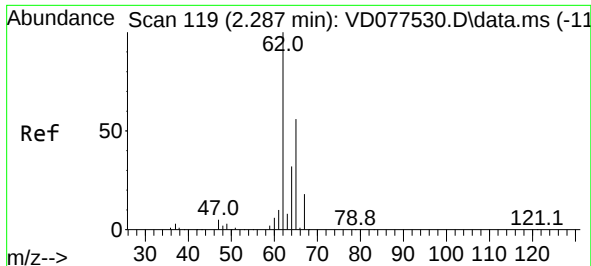
Tgt Ion: 85 Resp: 122445
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.2



#3
Chloromethane
Concen: 23.238 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 50 Resp: 189949
Ion Ratio Lower Upper
50 100
52 33.0 22.1 41.1

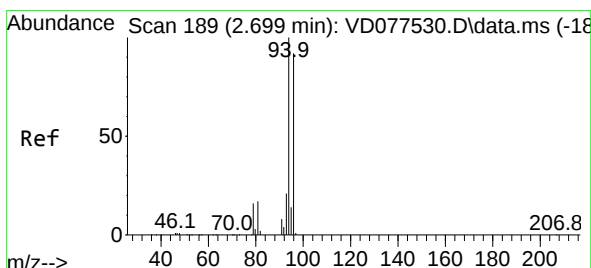
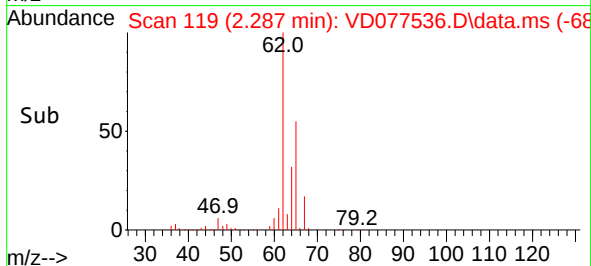
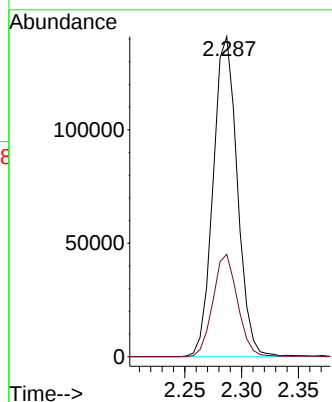
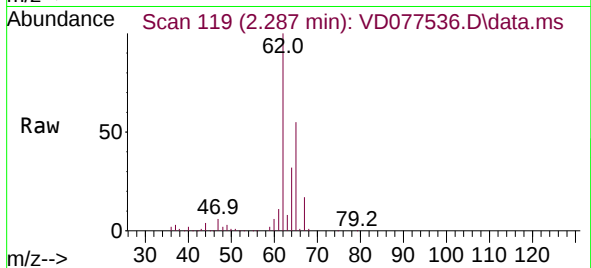




#5
 Vinyl chloride
 Concen: 22.652 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD077536.D
 Acq: 09 Nov 2023 18:01

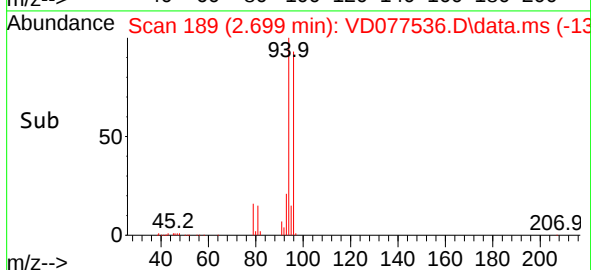
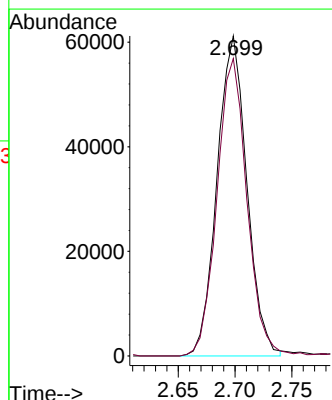
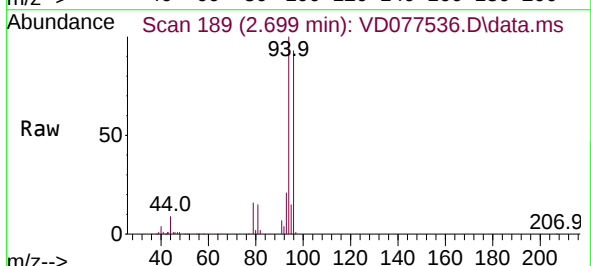
Instrument :
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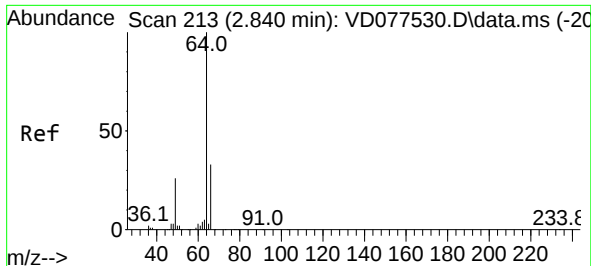
Tgt Ion: 62 Resp: 208987
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.9 44.5



#6
 Bromomethane
 Concen: 22.744 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD077536.D
 Acq: 09 Nov 2023 18:01

Tgt Ion: 94 Resp: 111714
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.5 119.9

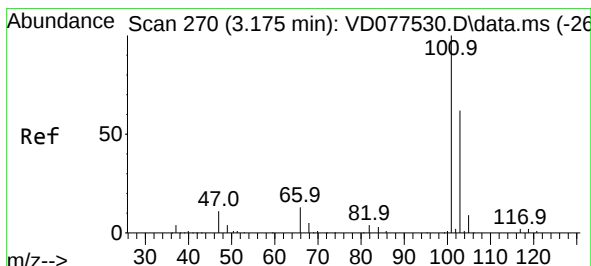
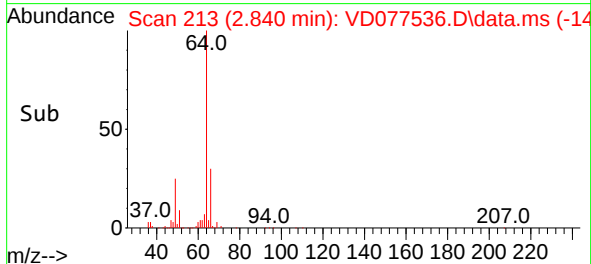
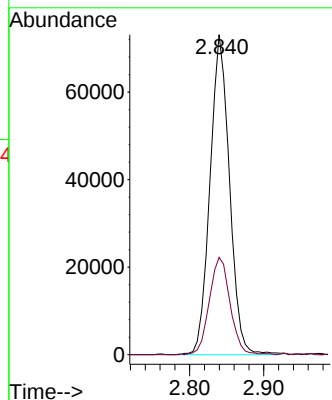
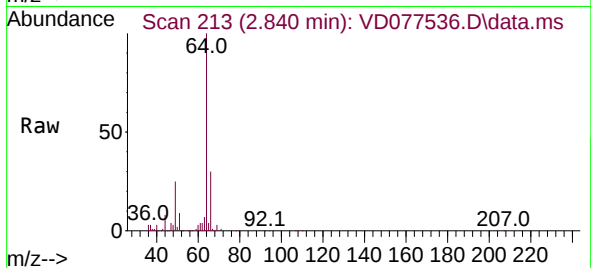




#8
Chloroethane
Concen: 23.291 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

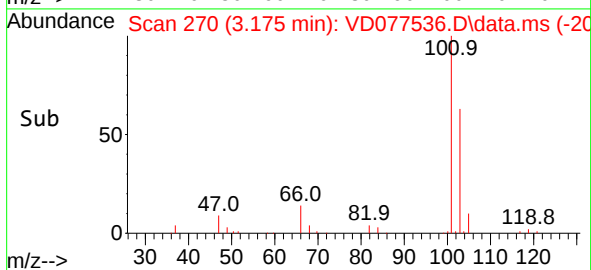
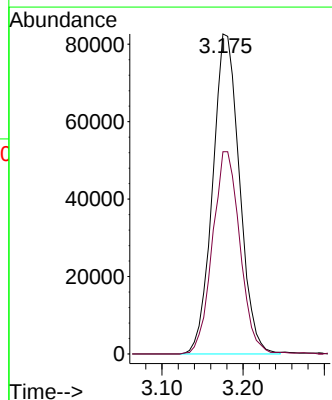
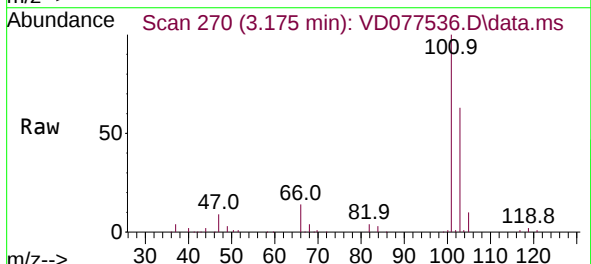
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MSVOA_D
ClientSampleId :

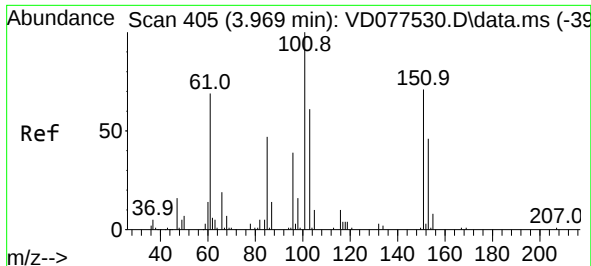
Tgt Ion: 64 Resp: 133590
Ion Ratio Lower Upper
64 100
66 30.4 19.8 36.8



#9
Trichlorofluoromethane
Concen: 22.624 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:101 Resp: 189956
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9





#10

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

Concen: 22.244 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

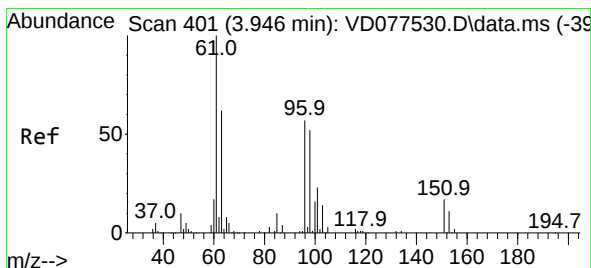
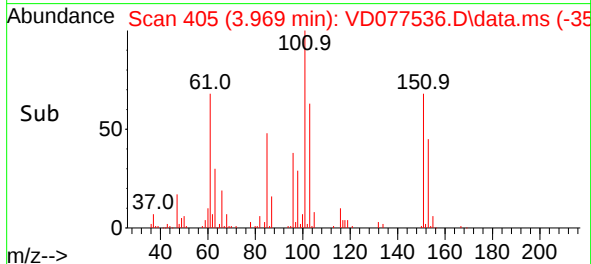
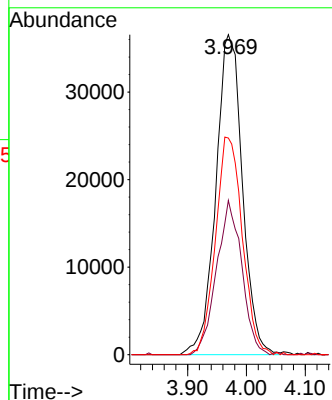
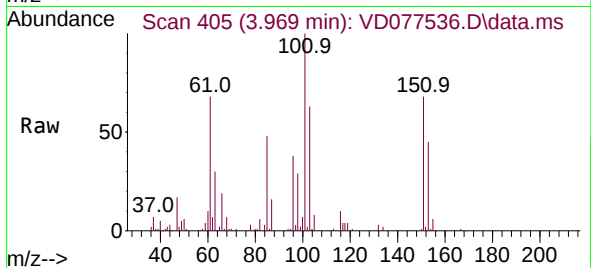
Tgt Ion:101 Resp: 114930

Ion Ratio Lower Upper

101 100

85 45.8 36.8 55.2

151 68.6 56.6 84.8



#12

1,1-Dichloroethene

Concen: 21.512 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

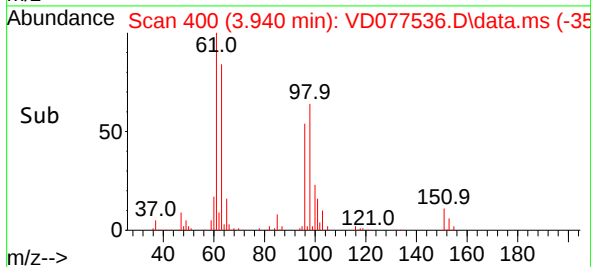
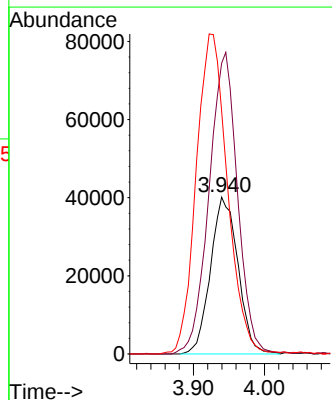
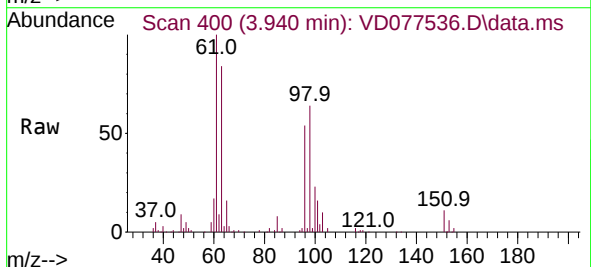
Tgt Ion: 96 Resp: 107924

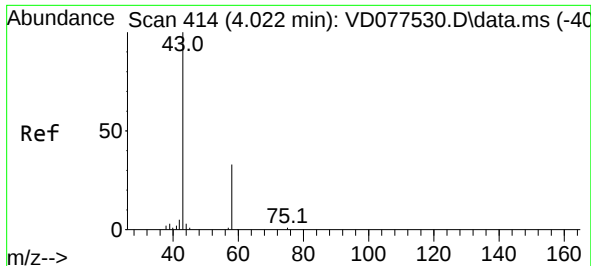
Ion Ratio Lower Upper

96 100

61 185.3 127.5 236.9

63 154.8 86.4 160.4

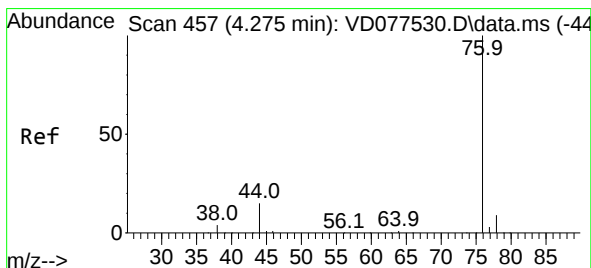
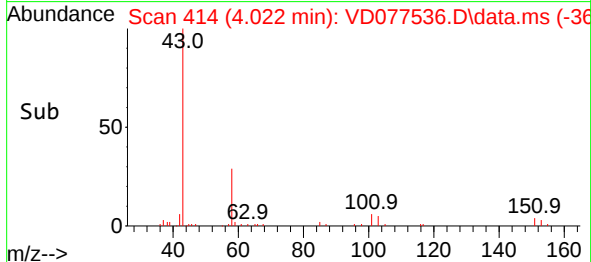
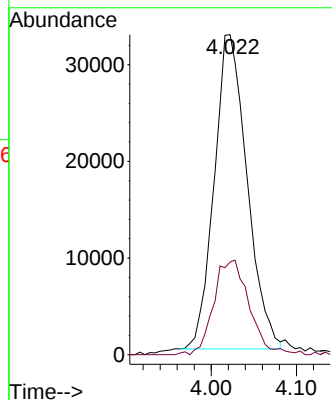
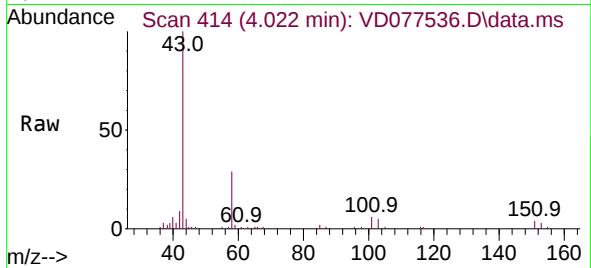




#13
Acetone
Concen: 53.329 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

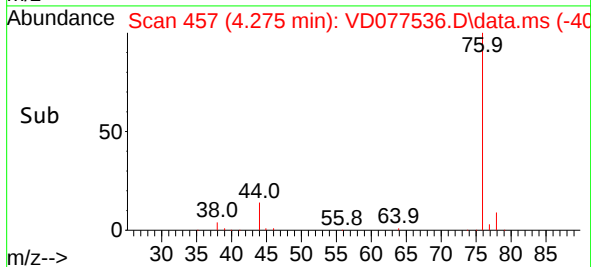
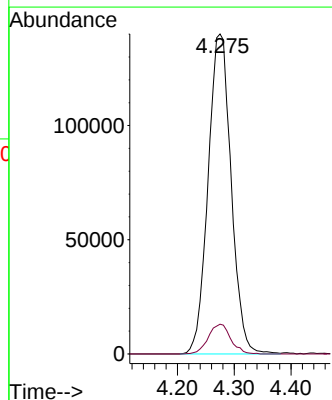
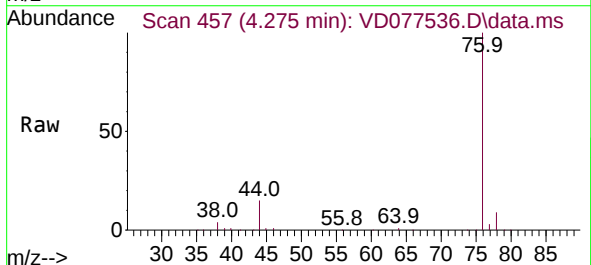
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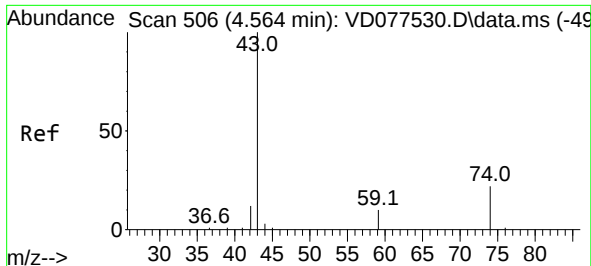
Tgt Ion: 43 Resp: 87099
Ion Ratio Lower Upper
43 100
58 12.7 0.0 64.0



#14
Carbon disulfide
Concen: 21.854 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 76 Resp: 394786
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

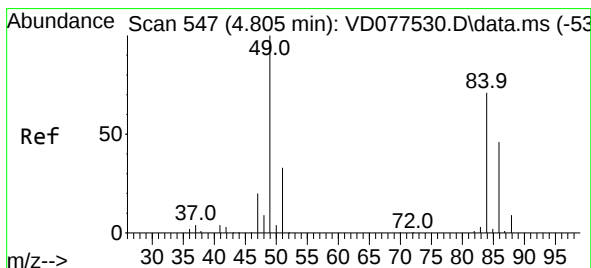
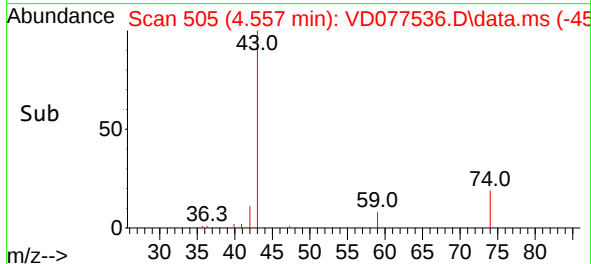
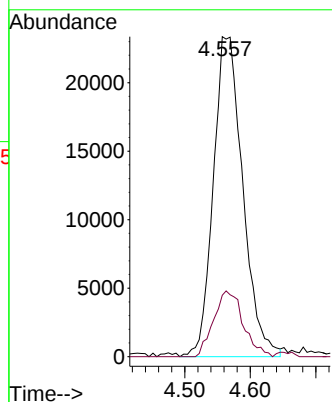
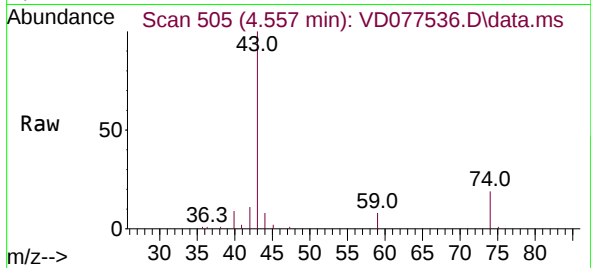




#15
Methyl Acetate
Concen: 27.120 ug/L
RT: 4.557 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

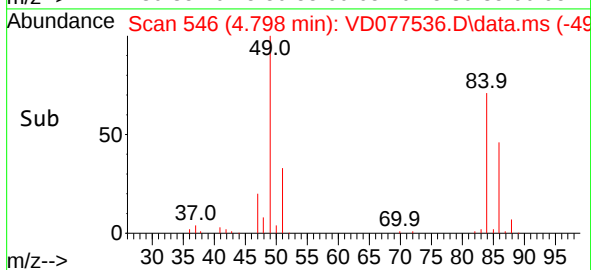
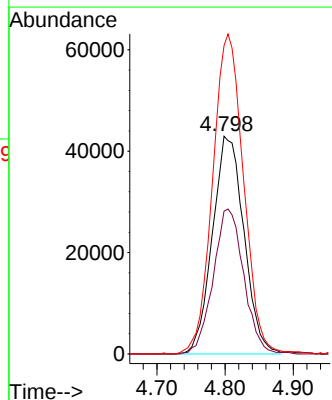
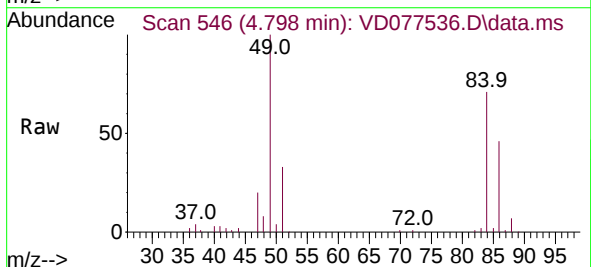
Instrument :
MSVOA_D
ClientSampleId :

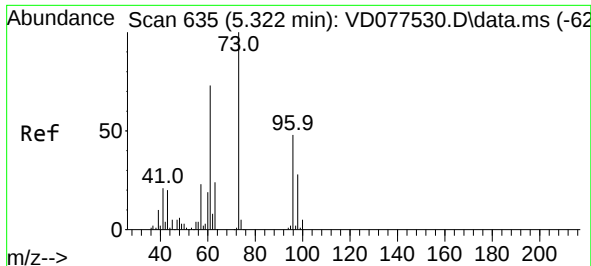
Tgt Ion: 43 Resp: 72868
Ion Ratio Lower Upper
43 100
74 20.5 16.6 24.8



#16
Methylene chloride
Concen: 23.183 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

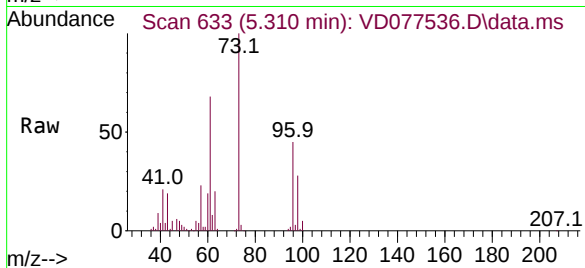
Tgt Ion: 84 Resp: 138086
Ion Ratio Lower Upper
84 100
86 65.6 46.5 86.5
49 141.6 98.3 182.7



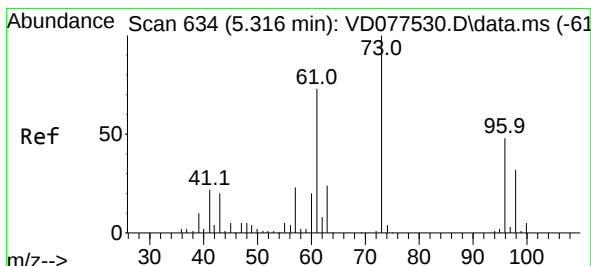
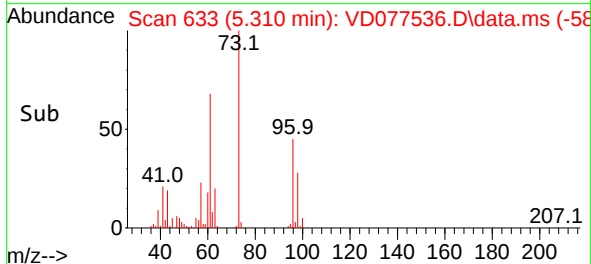
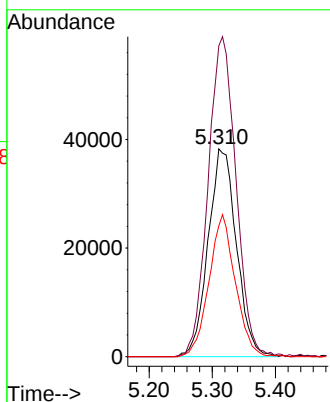


#17
trans-1,2-Dichloroethene
Concen: 22.594 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :

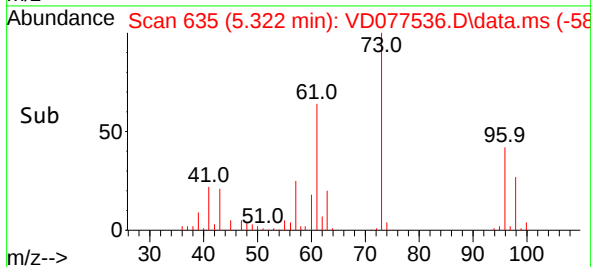
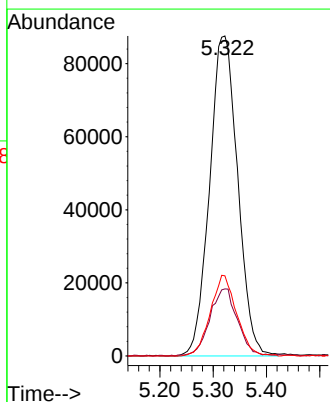
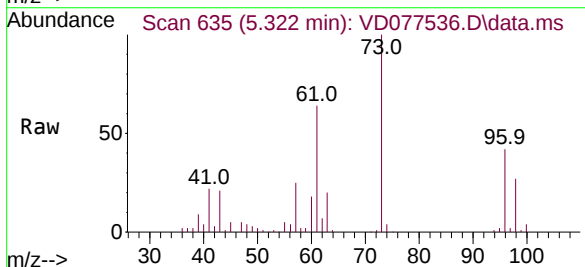


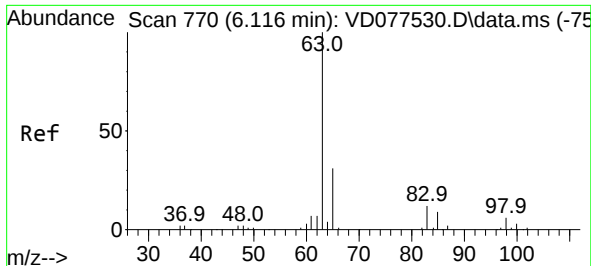
Tgt Ion: 96 Resp: 119237
Ion Ratio Lower Upper
96 100
61 149.6 104.0 193.2
98 63.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 25.922 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 73 Resp: 321070
Ion Ratio Lower Upper
73 100
43 20.2 16.4 24.6
57 23.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.502 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

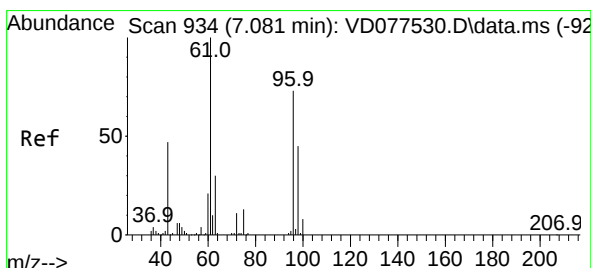
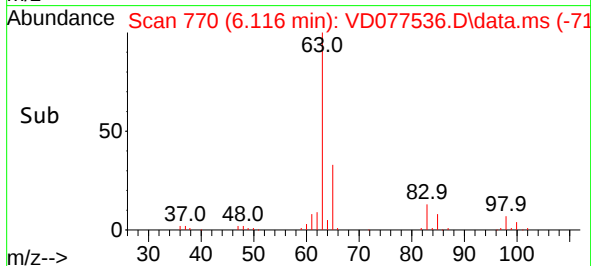
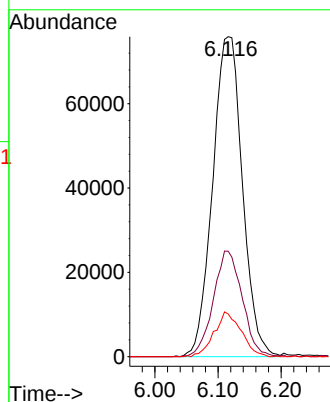
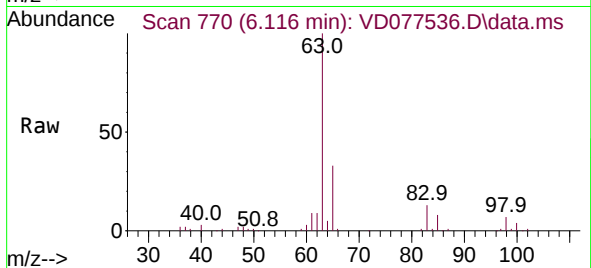
Tgt Ion: 63 Resp: 248851

Ion Ratio Lower Upper

63 100

65 32.9 22.6 42.0

83 13.4 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 23.813 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

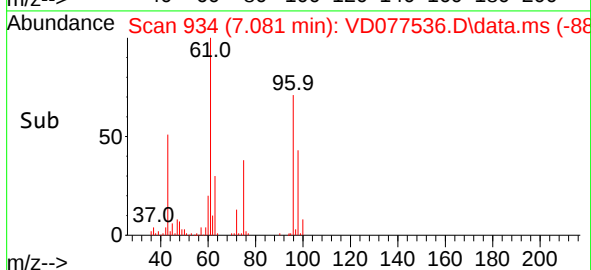
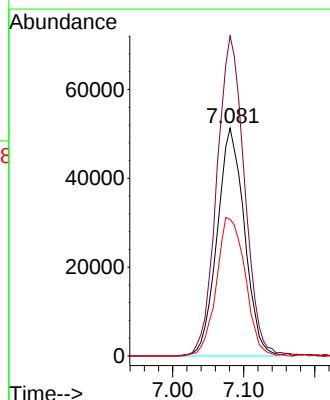
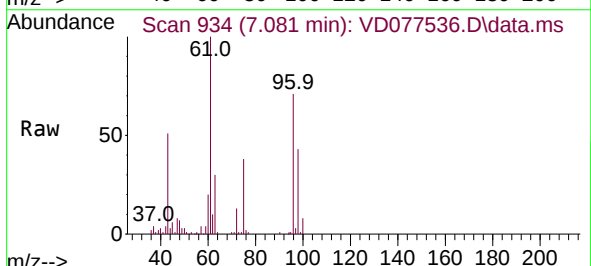
Tgt Ion: 96 Resp: 136532

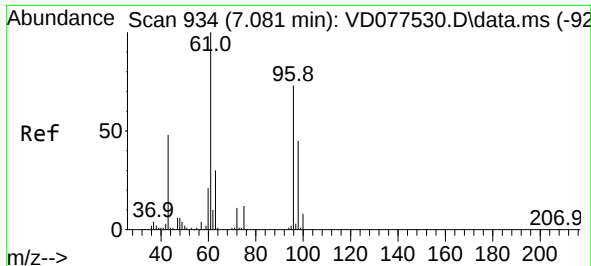
Ion Ratio Lower Upper

96 100

61 140.4 95.0 176.4

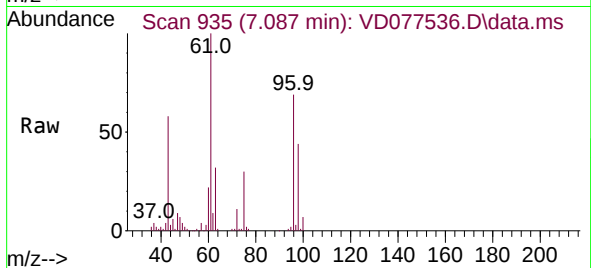
98 59.9 43.1 80.1



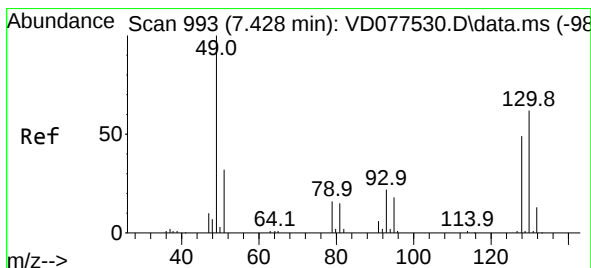
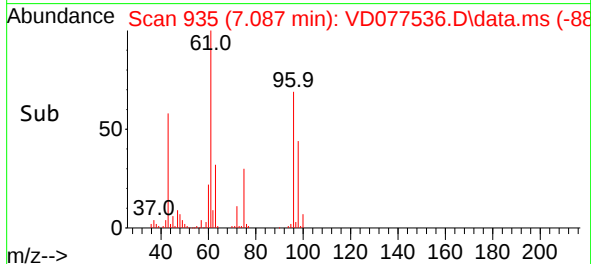
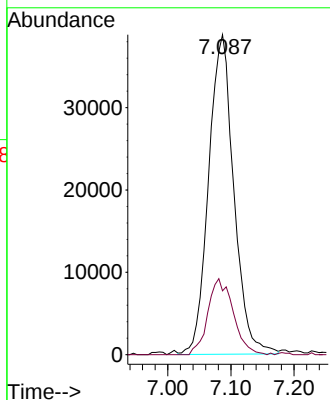


#22
2-Butanone
Concen: 54.764 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :

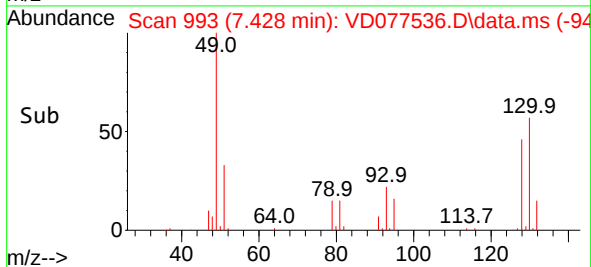
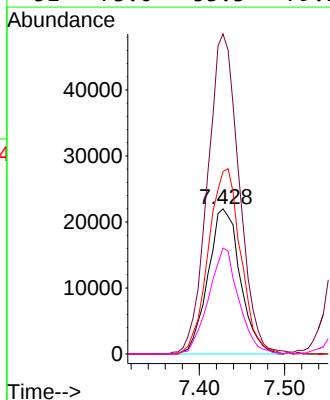
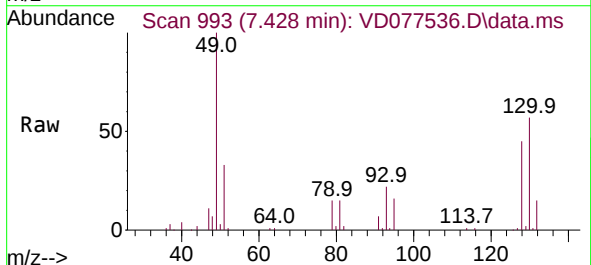


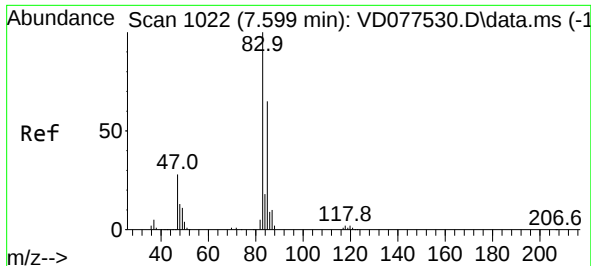
Tgt Ion: 43 Resp: 107618
Ion Ratio Lower Upper
43 100
72 23.9 12.8 38.4



#23
Bromochloromethane
Concen: 25.057 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 128 Resp: 57726
Ion Ratio Lower Upper
128 100
49 220.6 146.7 272.5
130 125.8 83.2 154.6
51 73.0 53.3 79.9





#25

Chloroform

Concen: 24.049 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

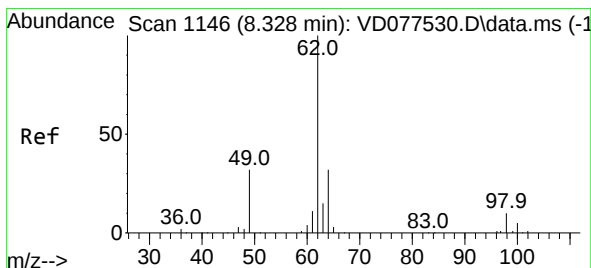
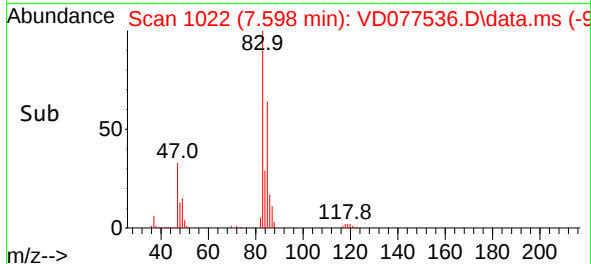
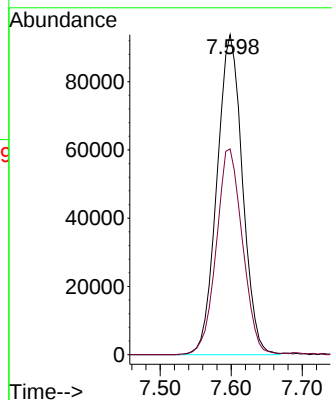
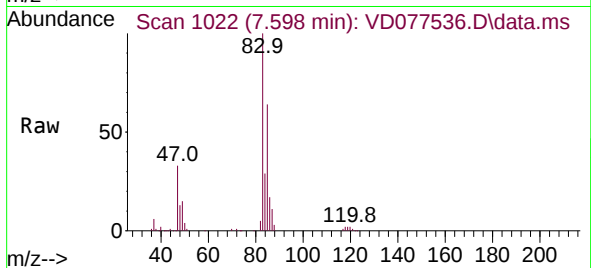
ClientSampleId :

Tgt Ion: 83 Resp: 233925

Ion Ratio Lower Upper

83 100

85 64.3 45.9 85.3



#27

1,2-Dichloroethane

Concen: 25.345 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077536.D

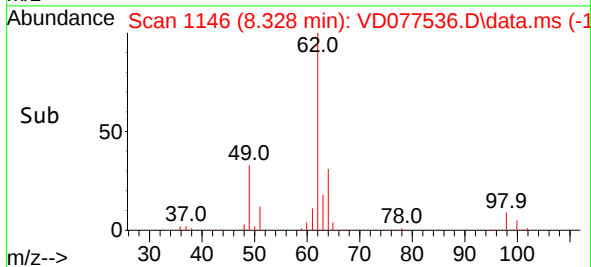
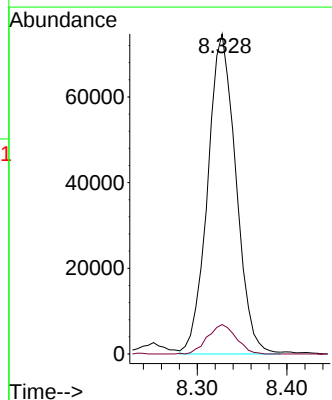
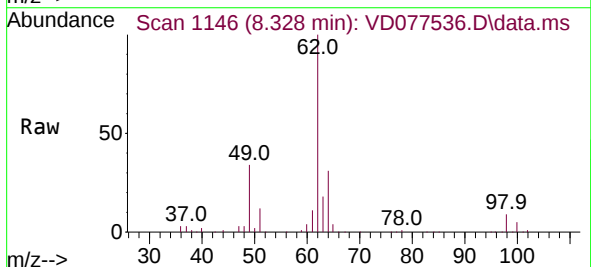
Acq: 09 Nov 2023 18:01

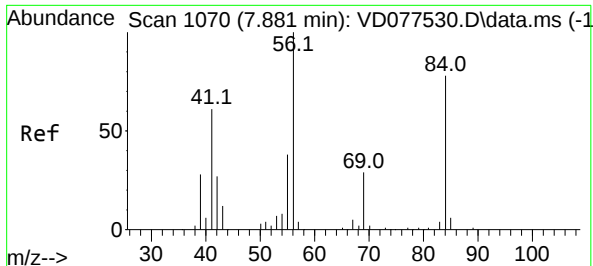
Tgt Ion: 62 Resp: 163427

Ion Ratio Lower Upper

62 100

98 9.2 8.0 12.0





#29

Cyclohexane

Concen: 20.972 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

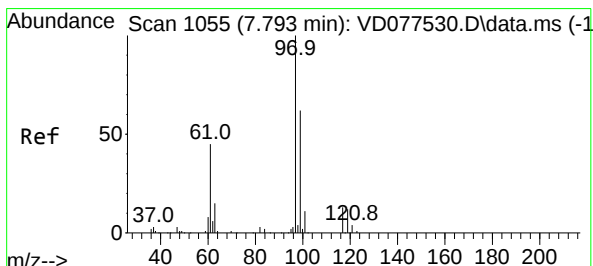
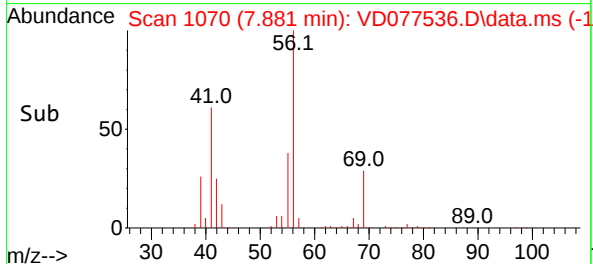
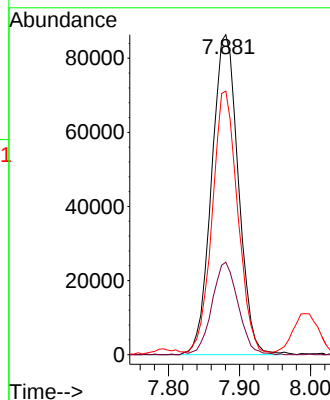
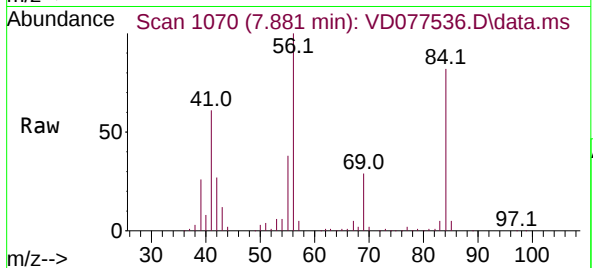
Tgt Ion: 56 Resp: 225398

Ion Ratio Lower Upper

56 100

69 28.3 22.6 33.8

84 79.0 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 22.169 ug/L

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

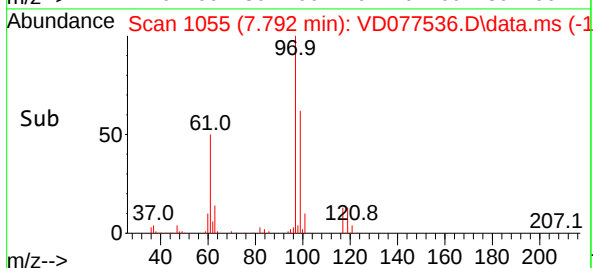
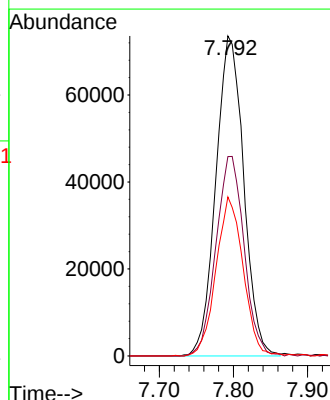
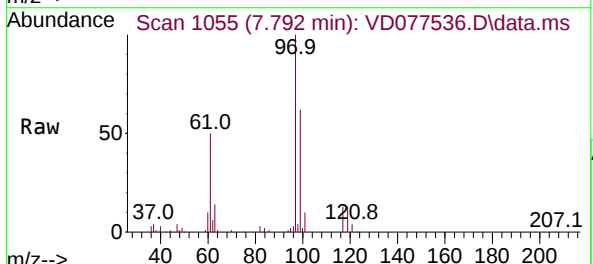
Tgt Ion: 97 Resp: 192104

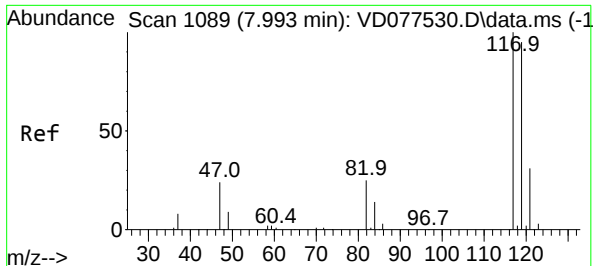
Ion Ratio Lower Upper

97 100

99 62.9 51.4 77.2

61 48.3 38.1 57.1

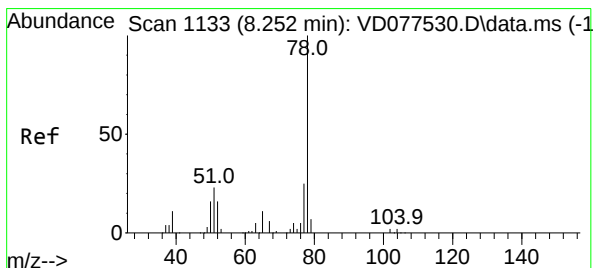
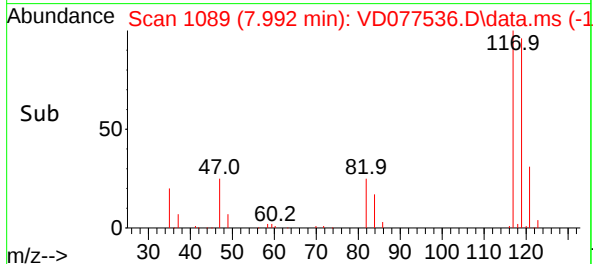
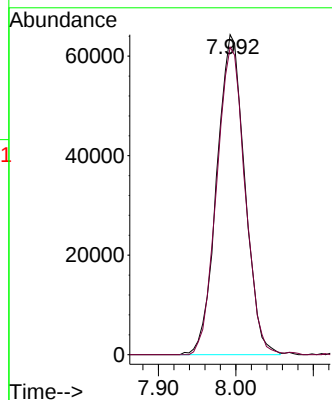
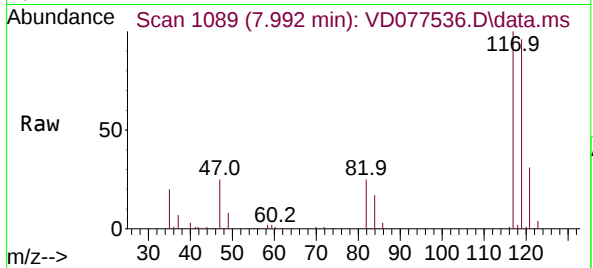




#31
Carbon tetrachloride
Concen: 21.708 ug/L
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

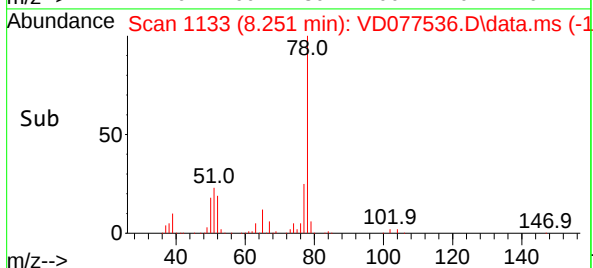
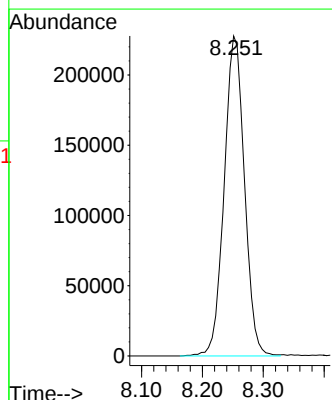
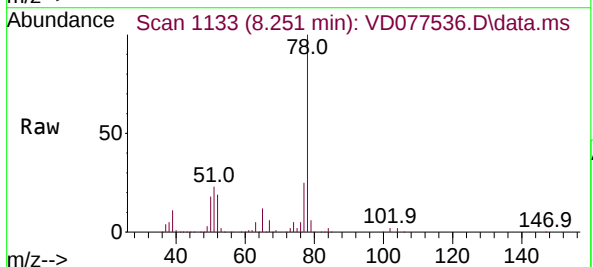
Instrument :
MSVOA_D
ClientSampleId :

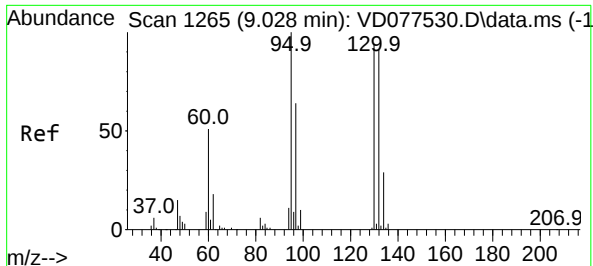
Tgt Ion:117 Resp: 161660
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0



#33
Benzene
Concen: 22.982 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

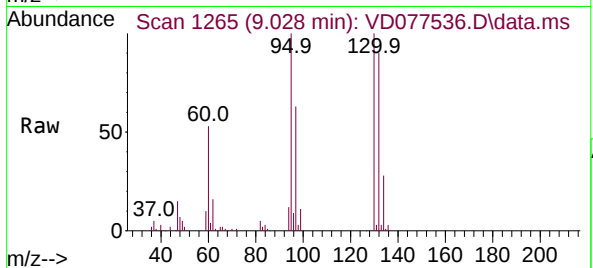
Tgt Ion: 78 Resp: 527540



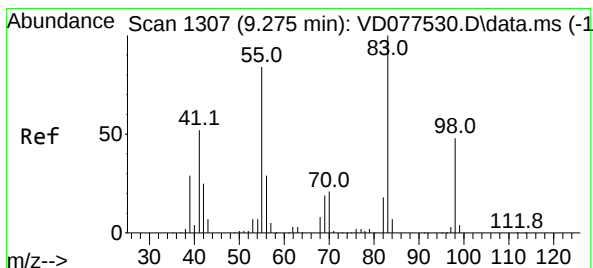
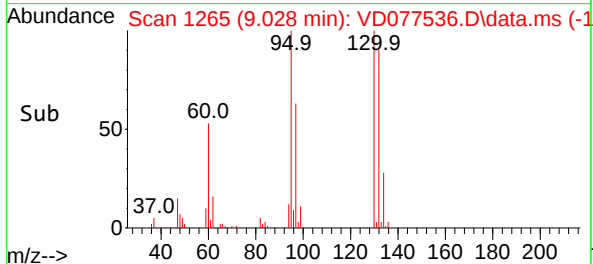
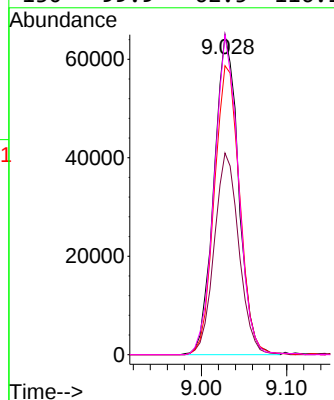


#34
Trichloroethene
Concen: 22.787 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :

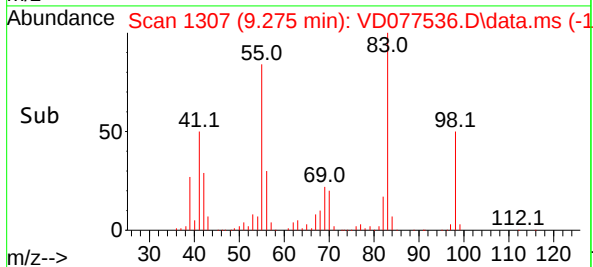
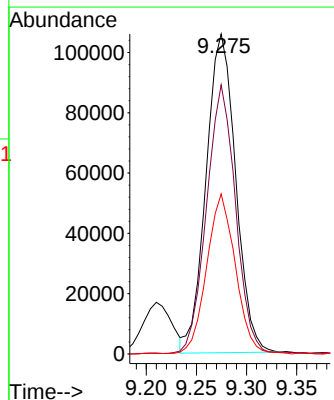
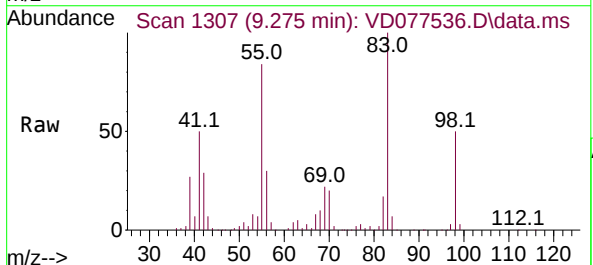


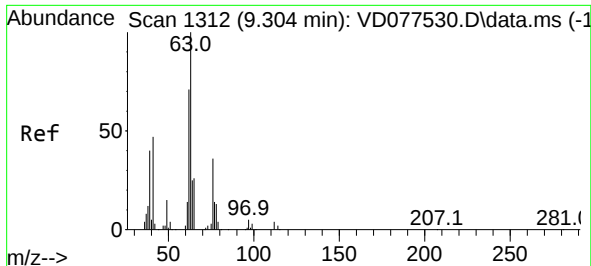
Tgt Ion:	95	Resp:	129607
Ion	Ratio	Lower	Upper
95	100		
97	63.0	42.4	78.6
132	90.3	59.4	110.2
130	99.9	62.5	116.1



#35
Methylcyclohexane
Concen: 21.224 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:	83	Resp:	217849
Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.5	99.7
98	48.5	37.4	56.2





#37

1,2-Dichloropropane

Concen: 23.700 ug/L

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

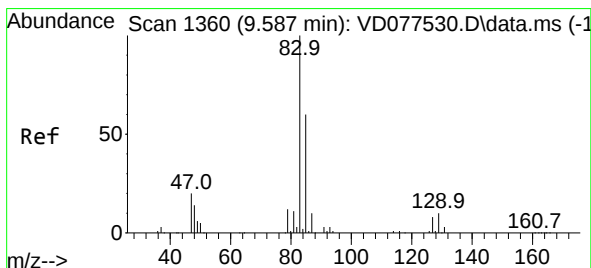
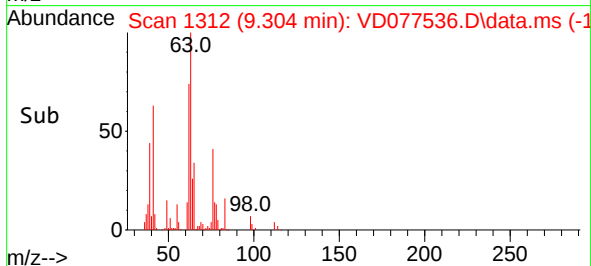
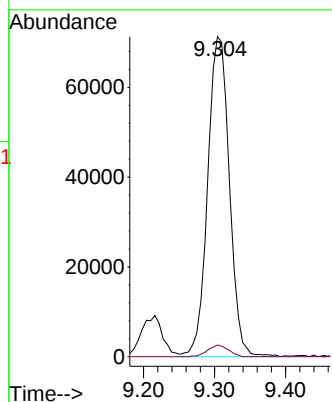
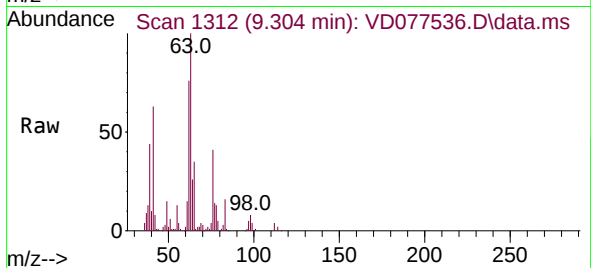
ClientSampleId :

Tgt Ion: 63 Resp: 151233

Ion Ratio Lower Upper

63 100

112 3.5 3.2 4.8



#38

Bromodichloromethane

Concen: 24.379 ug/L

RT: 9.586 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

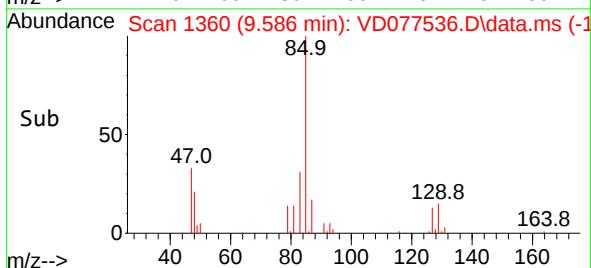
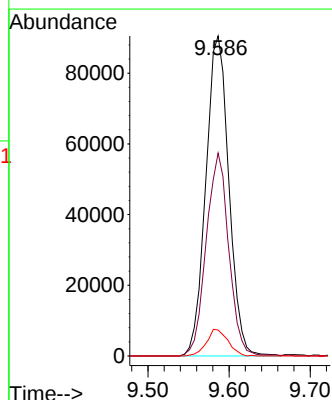
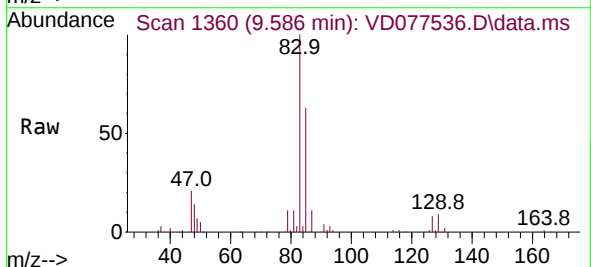
Tgt Ion: 83 Resp: 178442

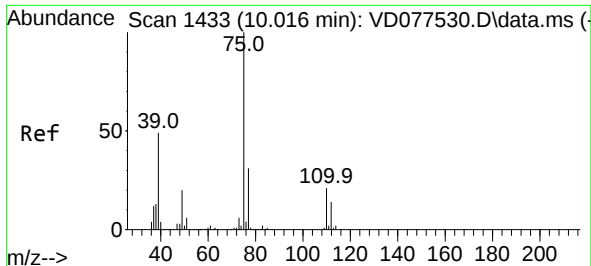
Ion Ratio Lower Upper

83 100

85 63.4 42.4 78.8

127 8.1 6.4 9.6

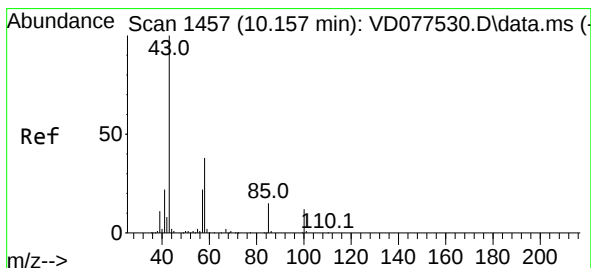
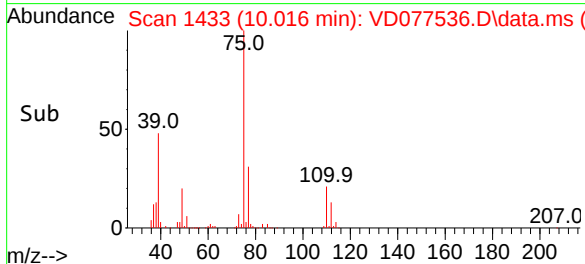
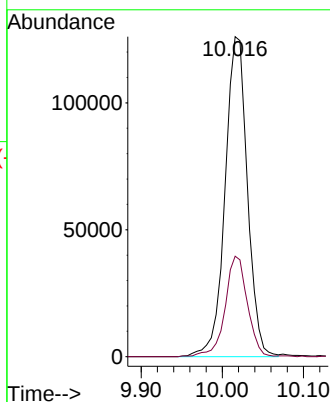
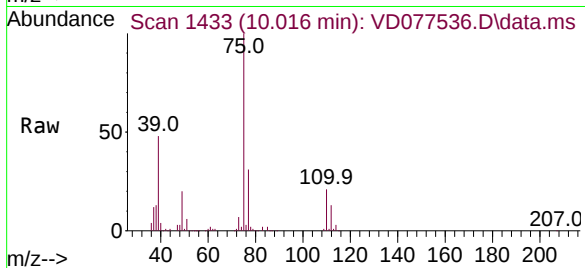




#39
 cis-1,3-Dichloropropene
 Concen: 24.562 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077536.D
 Acq: 09 Nov 2023 18:01

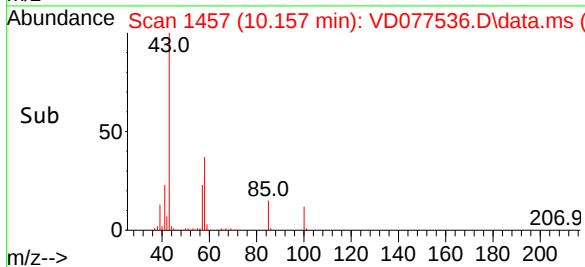
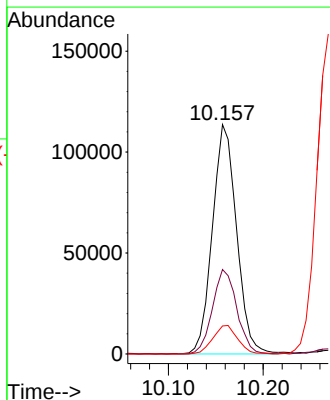
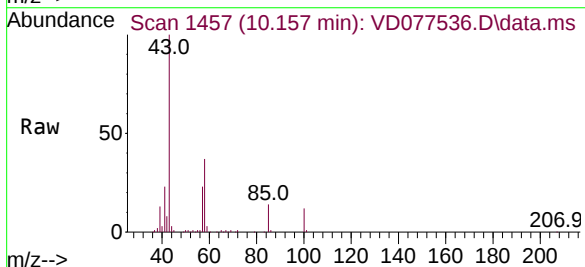
Instrument :
 MSVOA_D
 ClientSampleId :

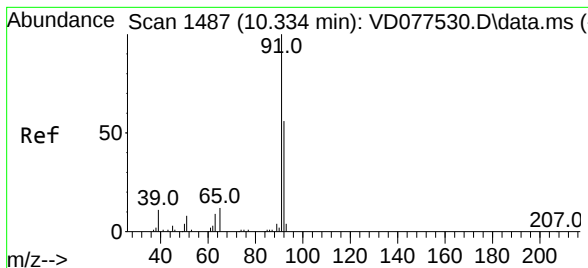
Tgt Ion: 75 Resp: 240847
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 51.813 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD077536.D
 Acq: 09 Nov 2023 18:01

Tgt Ion: 43 Resp: 201487
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.8 44.8
 100 12.7 9.5 14.3





#42

Toluene

Concen: 23.095 ug/L

RT: 10.333 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

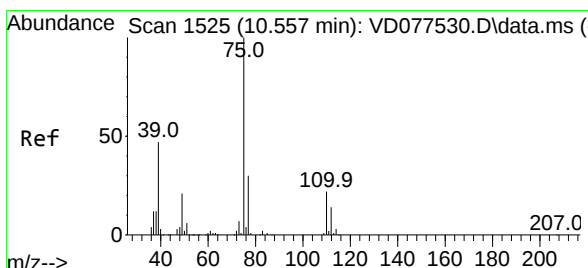
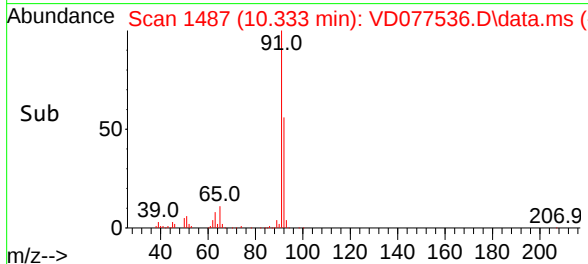
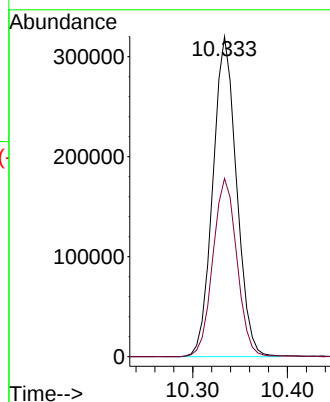
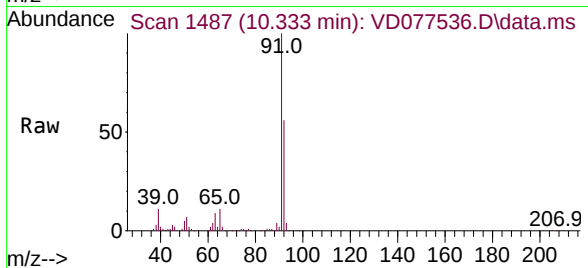
ClientSampleId :

Tgt Ion: 91 Resp: 556575

Ion Ratio Lower Upper

91 100

92 55.7 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.744 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD077536.D

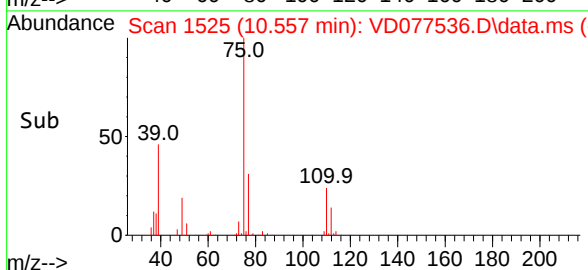
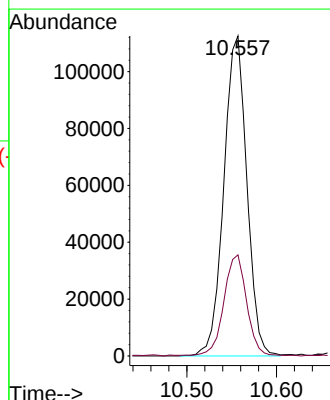
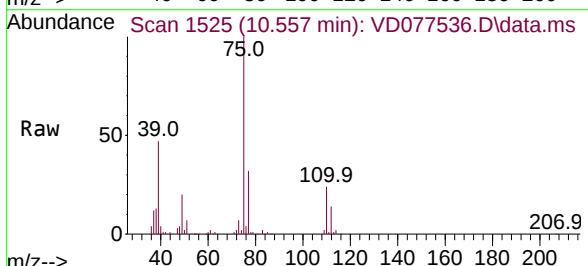
Acq: 09 Nov 2023 18:01

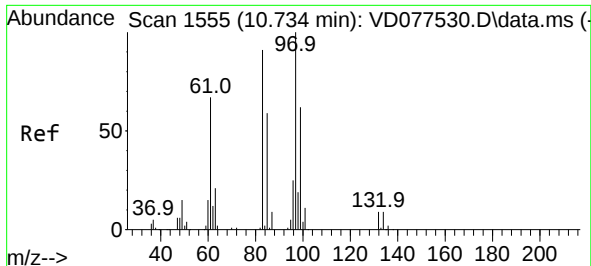
Tgt Ion: 75 Resp: 200490

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5

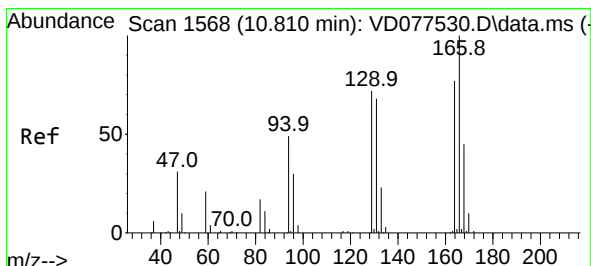
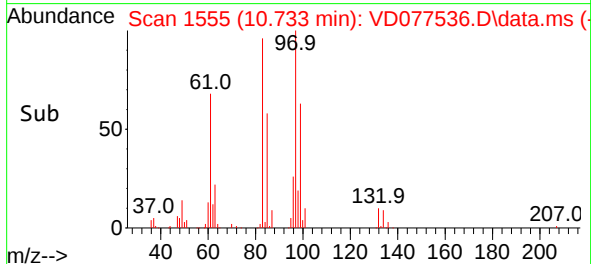
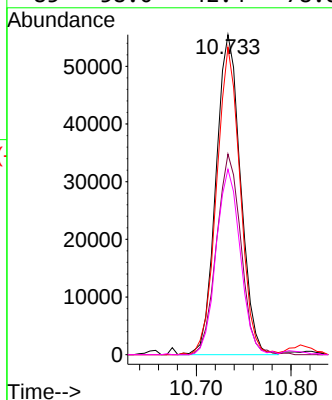
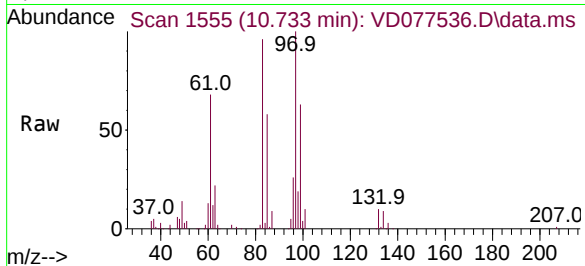




#45
1,1,2-Trichloroethane
Concen: 25.659 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

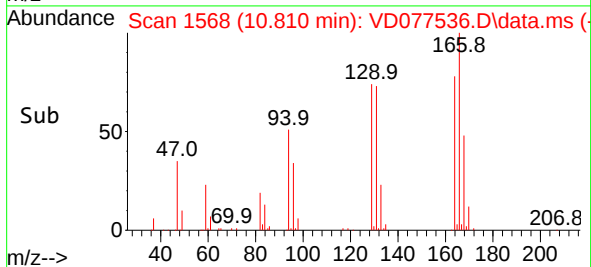
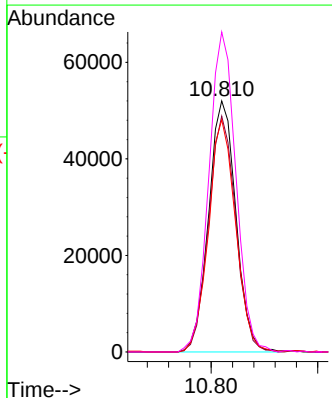
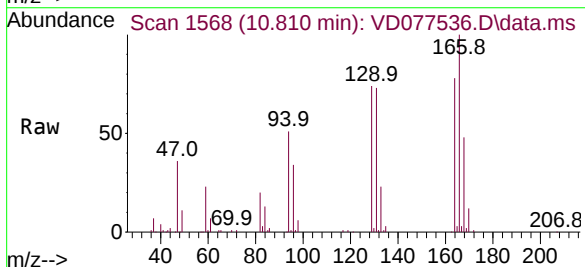
Instrument :
MSVOA_D
ClientSampleId :

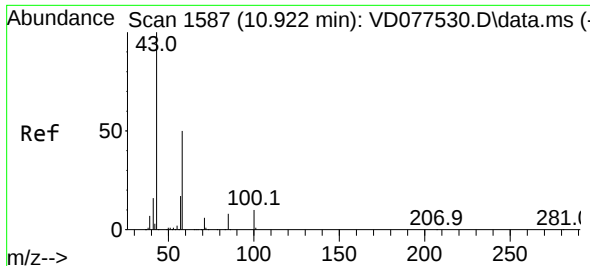
Tgt Ion: 97	Resp: 100086
Ion Ratio	Lower Upper
97 100	
99 62.7	43.5 80.7
83 96.1	63.1 117.3
85 58.0	42.4 78.8



#46
Tetrachloroethene
Concen: 22.192 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

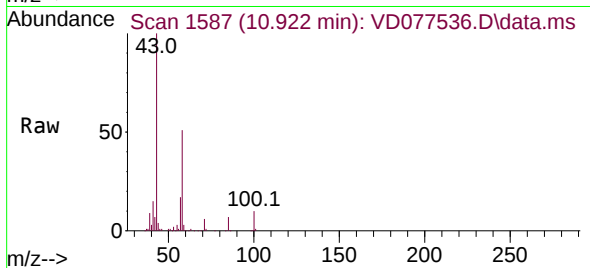
Tgt	Ion:164	Resp:	92873
Ion	Ratio	Lower	Upper
164	100		
129	93.9	60.6	112.6
131	92.5	61.6	114.4
166	127.5	85.4	158.6



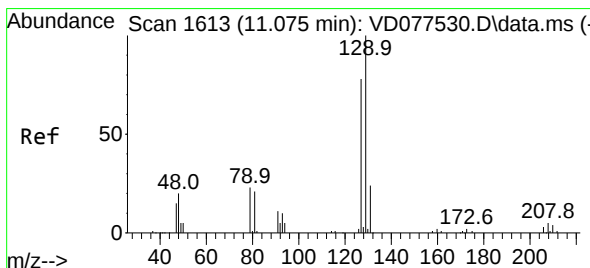
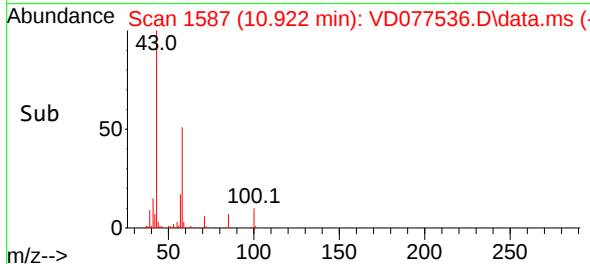
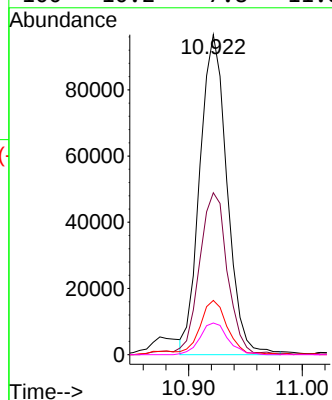


#48
2-Hexanone
Concen: 52.348 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :

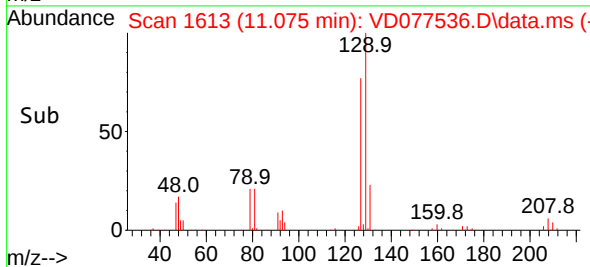
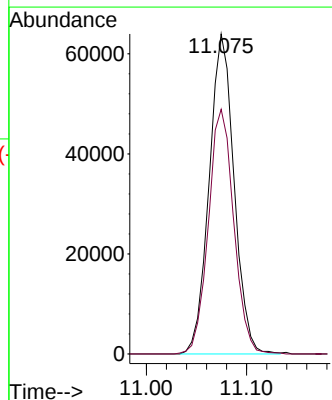
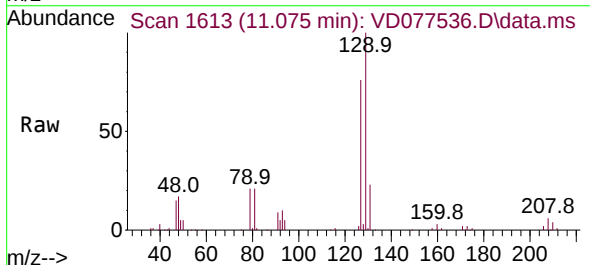


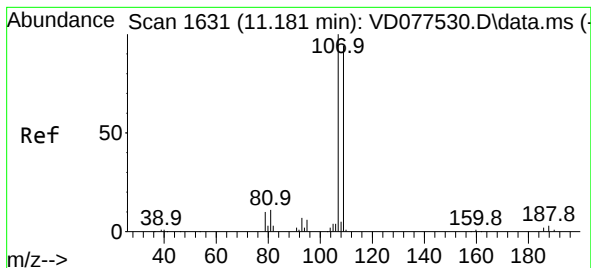
Tgt Ion: 43 Resp: 161355
Ion Ratio Lower Upper
43 100
58 51.6 40.8 61.2
57 16.8 13.7 20.5
100 10.2 7.8 11.8



#49
Dibromochloromethane
Concen: 24.925 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 129 Resp: 110436
Ion Ratio Lower Upper
129 100
127 76.4 54.9 102.1

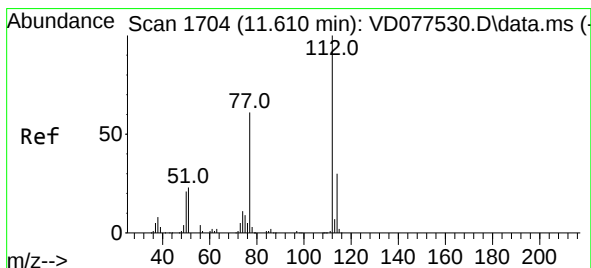
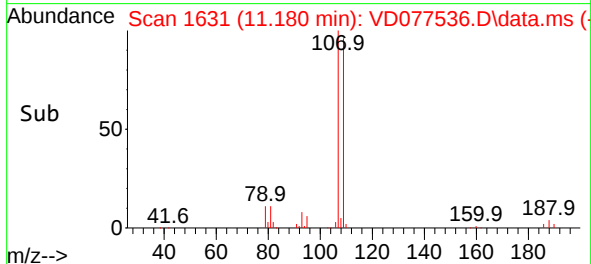
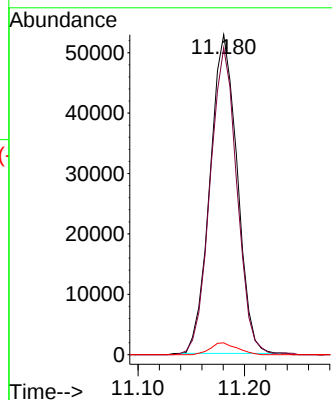
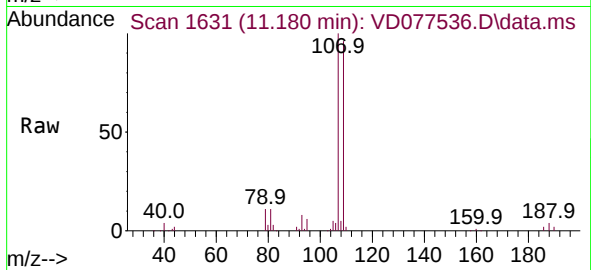




#50
1,2-Dibromoethane
Concen: 25.046 ug/L
RT: 11.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

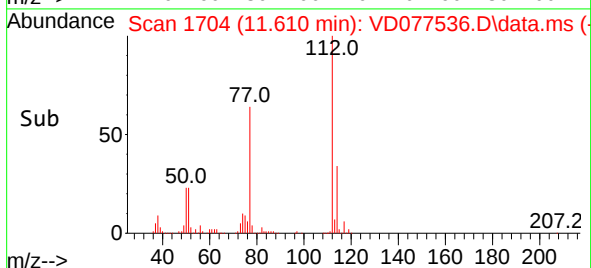
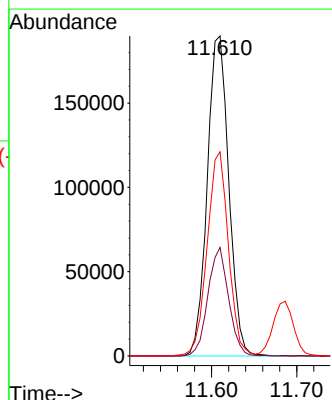
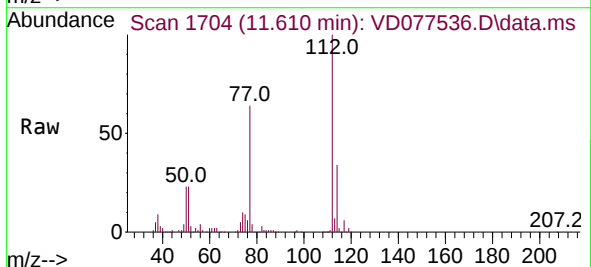
Instrument :
MSVOA_D
ClientSampleId :

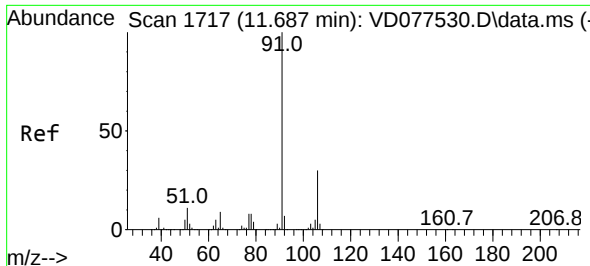
Tgt Ion:107 Resp: 93425
Ion Ratio Lower Upper
107 100
109 95.9 64.8 120.3
188 3.7 3.2 4.8



#51
Chlorobenzene
Concen: 23.631 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:112 Resp: 333645
Ion Ratio Lower Upper
112 100
114 33.9 22.4 41.6
77 63.8 49.6 74.4

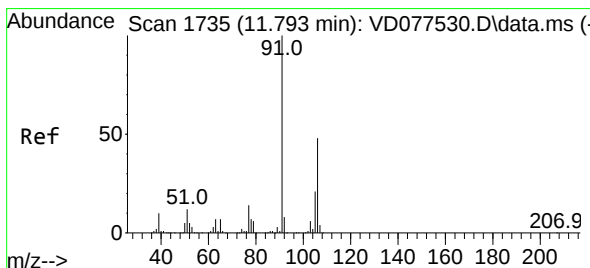
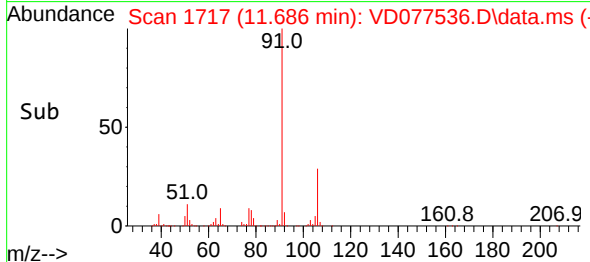
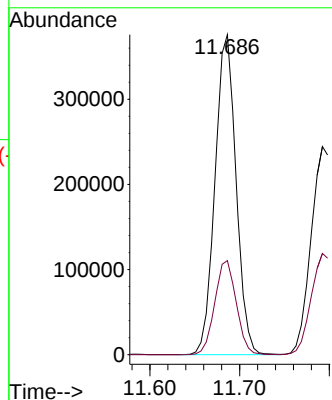
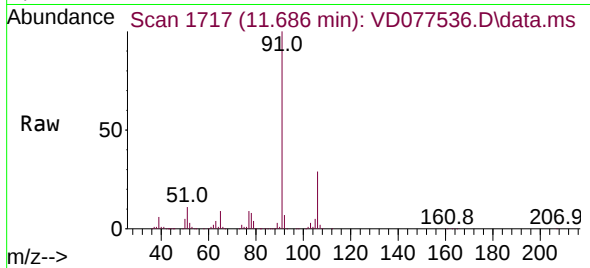




#52
Ethylbenzene
Concen: 23.080 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

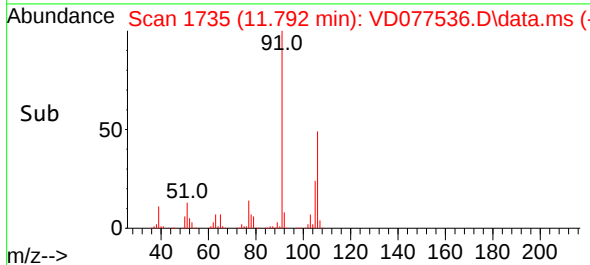
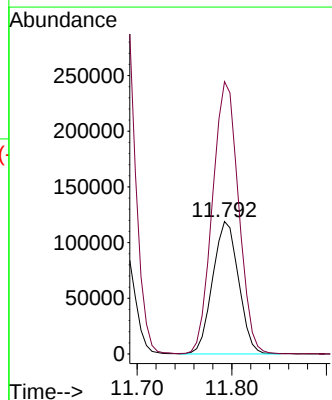
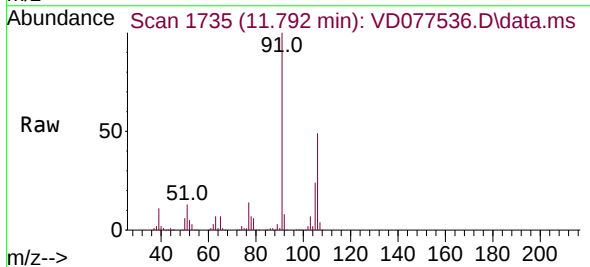
Instrument :
MSVOA_D
ClientSampleId :

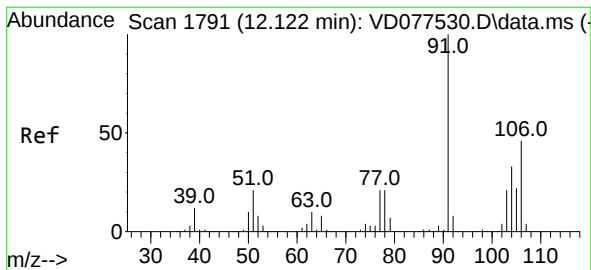
Tgt Ion: 91 Resp: 612029
Ion Ratio Lower Upper
91 100
106 29.4 22.0 40.8



#53
m,p-Xylene
Concen: 23.474 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 106 Resp: 226514
Ion Ratio Lower Upper
106 100
91 205.5 146.7 272.4

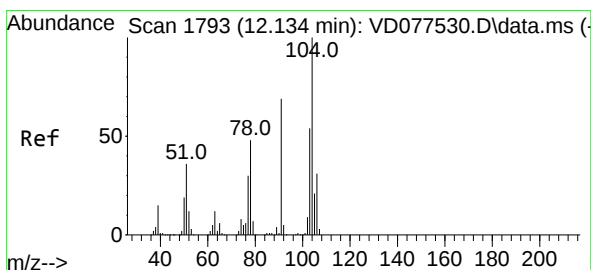
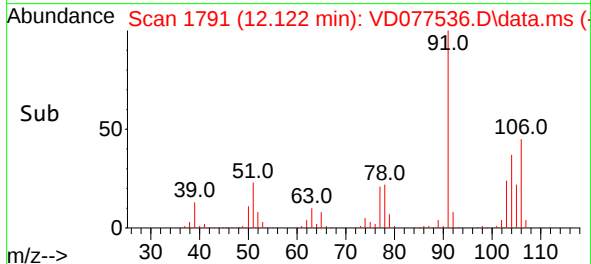
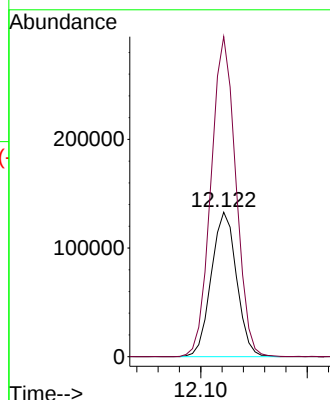
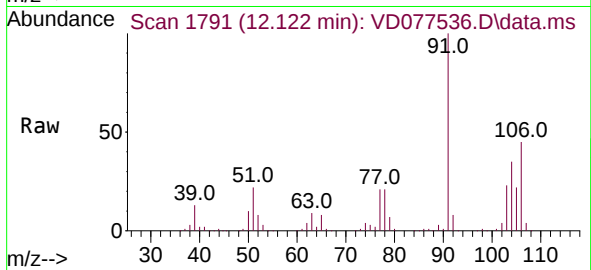




#54
o-Xylene
Concen: 23.716 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

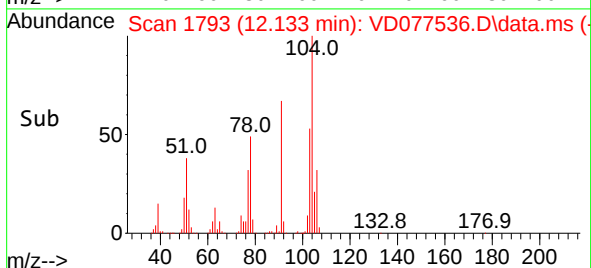
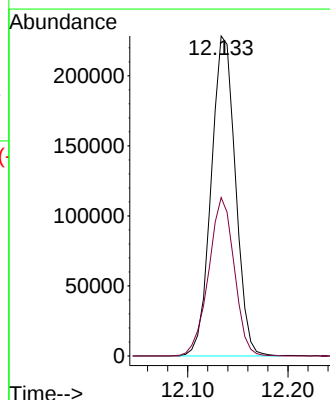
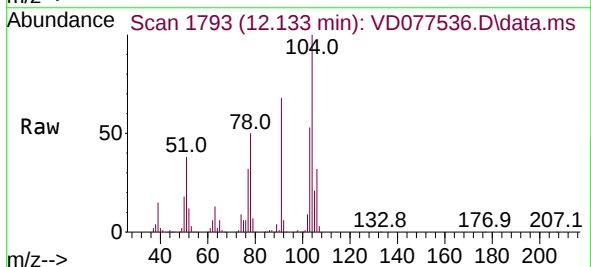
Instrument :
MSVOA_D
ClientSampleId :

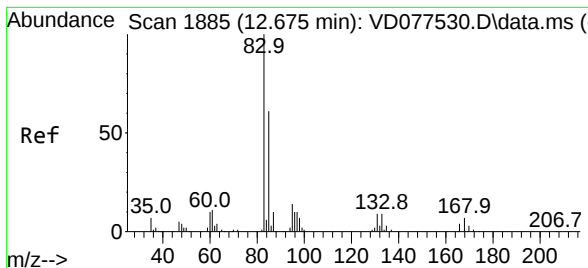
Tgt Ion:106 Resp: 219184
Ion Ratio Lower Upper
106 100
91 221.6 158.5 294.4



#55
Styrene
Concen: 23.743 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:104 Resp: 383132
Ion Ratio Lower Upper
104 100
78 49.5 34.9 64.9

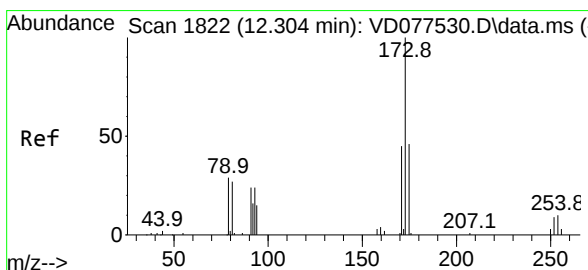
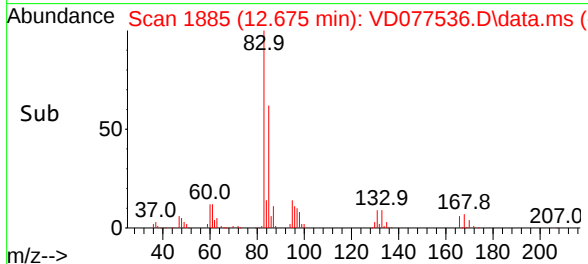
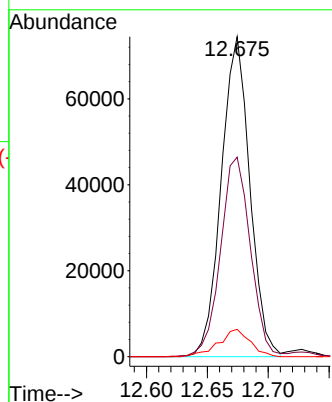
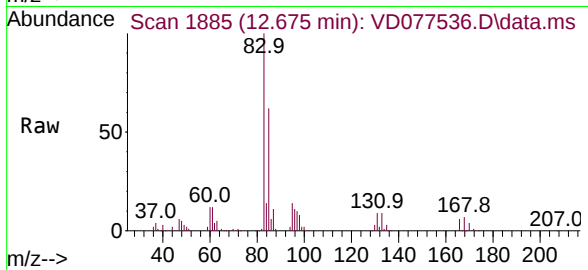




#57
1,1,2,2-Tetrachloroethane
Concen: 26.418 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

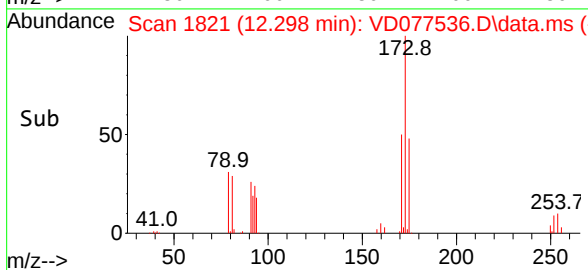
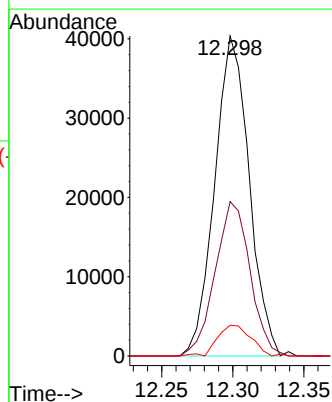
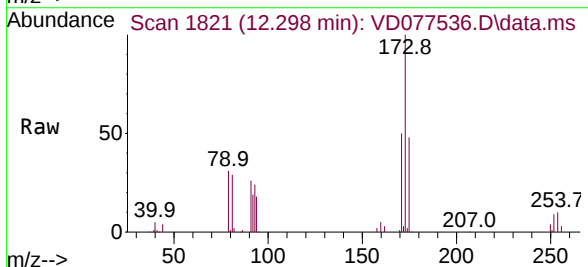
Instrument :
MSVOA_D
ClientSampleId :

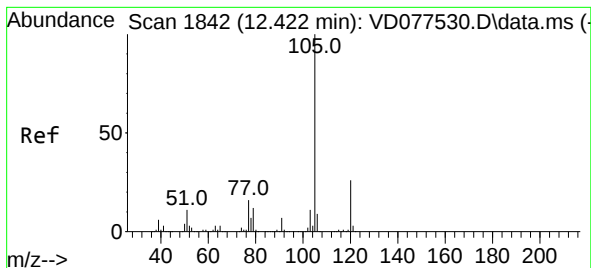
Tgt Ion: 83 Resp: 121393
Ion Ratio Lower Upper
83 100
85 62.4 44.9 83.3
131 8.6 7.2 10.8



#59
Bromoform
Concen: 25.434 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 173 Resp: 67925
Ion Ratio Lower Upper
173 100
175 48.9 38.2 57.2
254 9.1 7.1 10.7





#60

Isopropylbenzene

Concen: 22.860 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

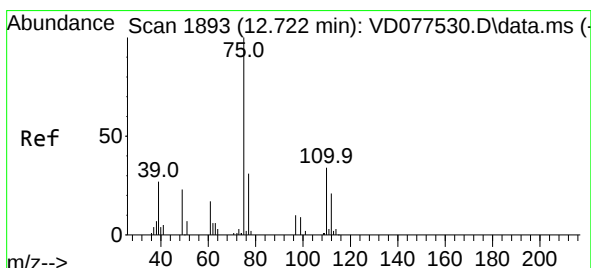
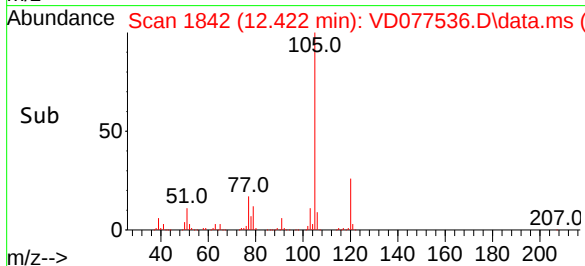
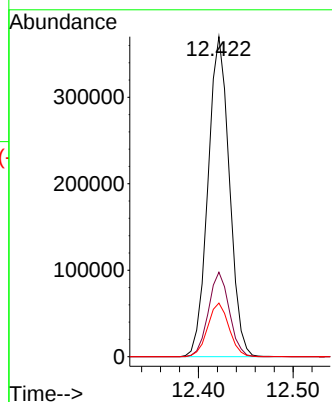
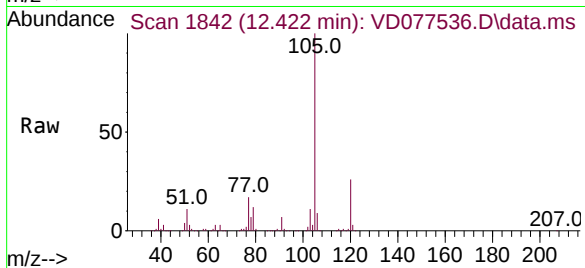
Tgt Ion:105 Resp: 579197

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.4

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.736 ug/L

RT: 12.727 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

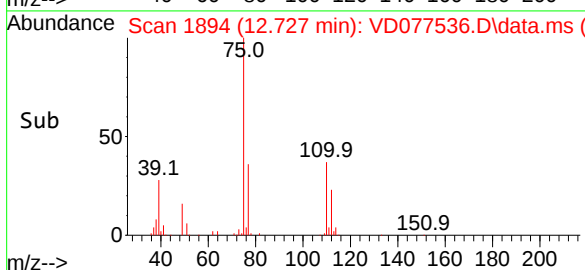
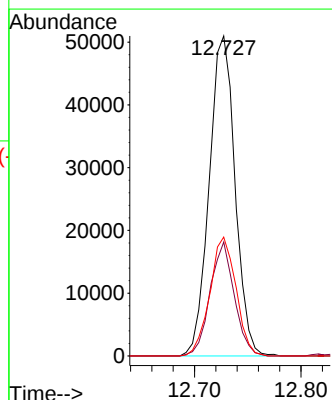
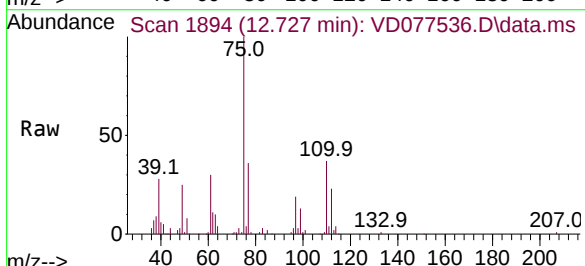
Tgt Ion: 75 Resp: 85870

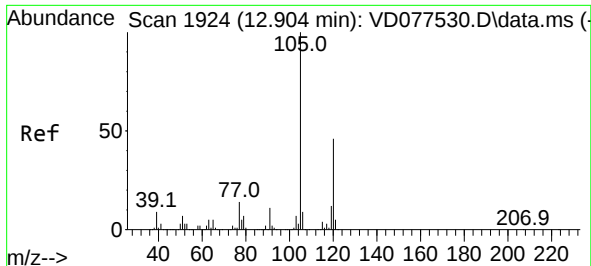
Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

110 37.5 29.6 44.4

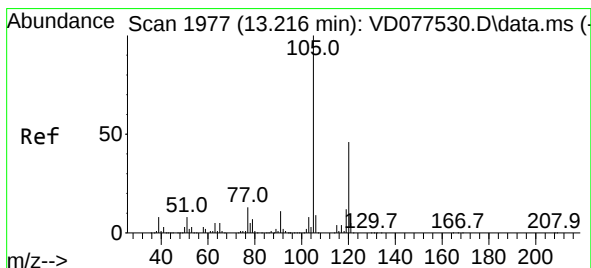
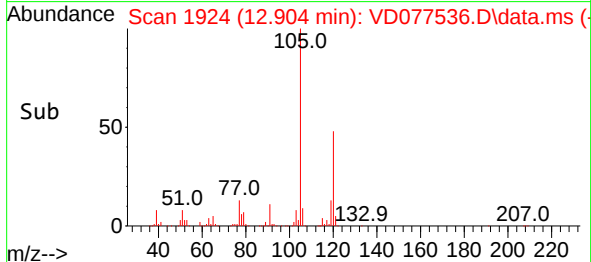
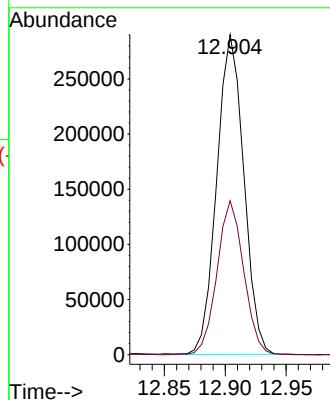
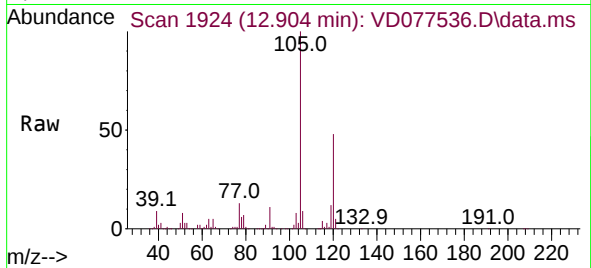




#62
1,3,5-Trimethylbenzene
Concen: 23.248 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

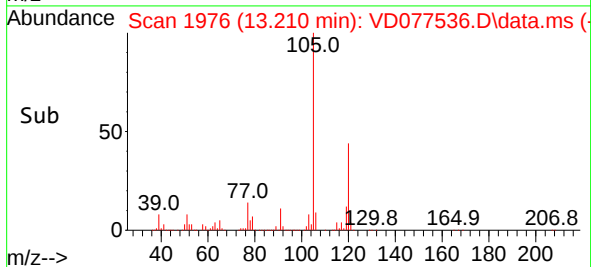
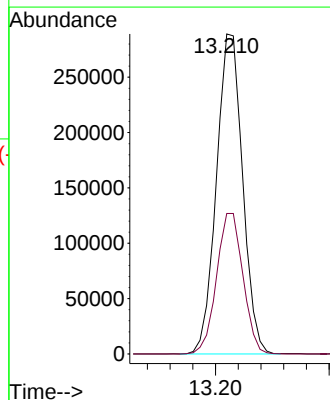
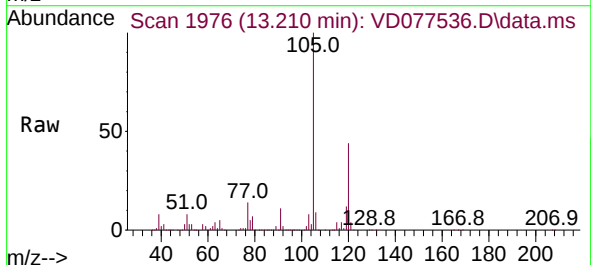
Instrument :
MSVOA_D
ClientSampleId :

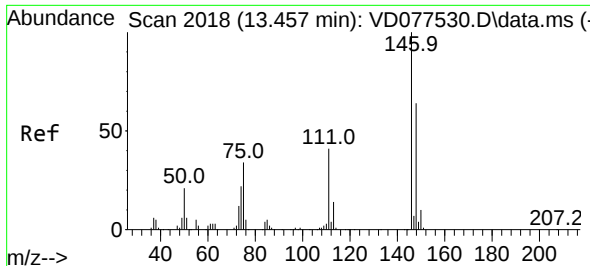
Tgt Ion:105 Resp: 447052
Ion Ratio Lower Upper
105 100
120 47.6 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 23.792 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:105 Resp: 463446
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4

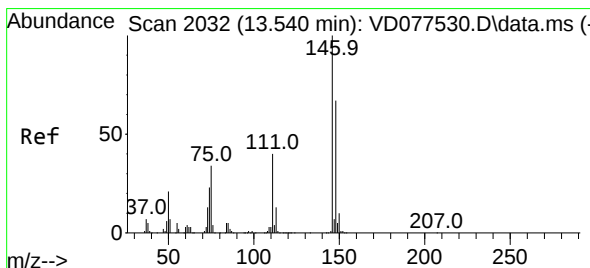
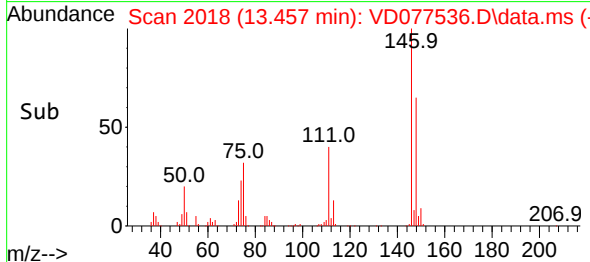
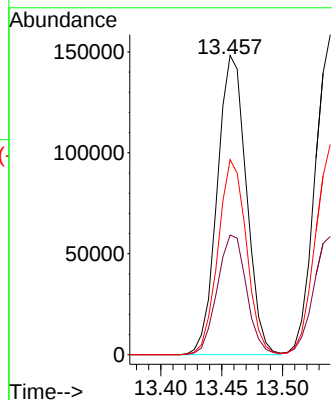
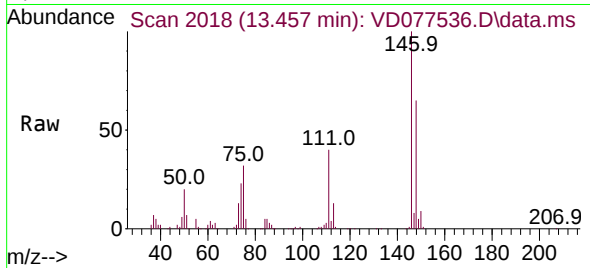




#64
1,3-Dichlorobenzene
Concen: 23.756 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

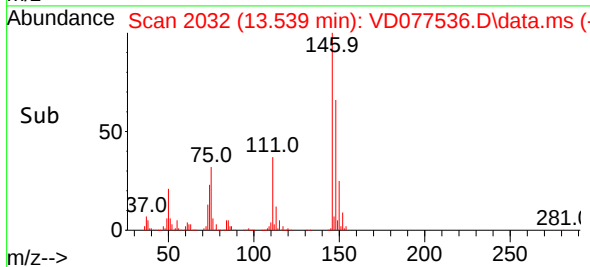
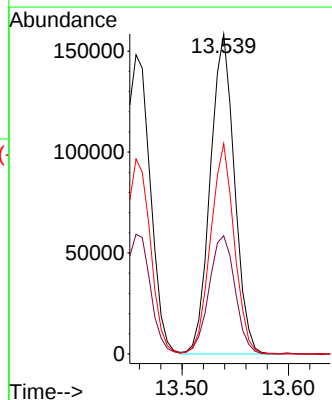
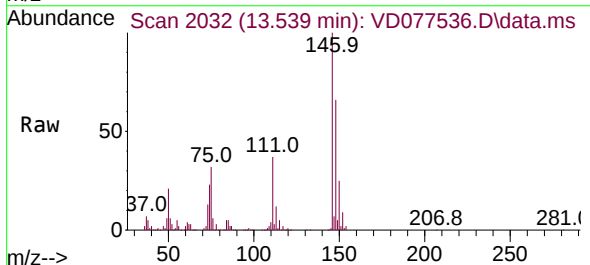
Instrument :
MSVOA_D
ClientSampleId :

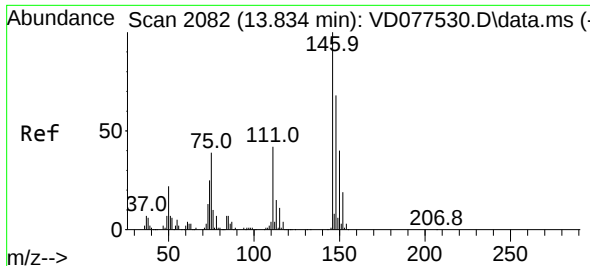
Tgt Ion:146 Resp: 246934
Ion Ratio Lower Upper
146 100
111 40.0 27.2 50.6
148 65.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 23.811 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:146 Resp: 249778
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.4
148 65.7 44.1 81.9

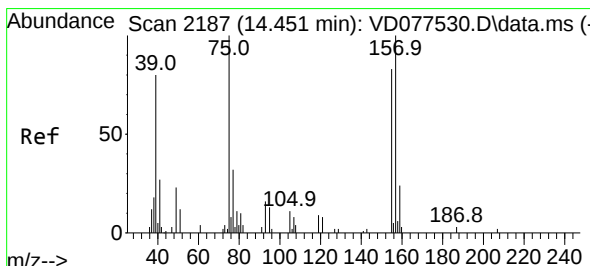
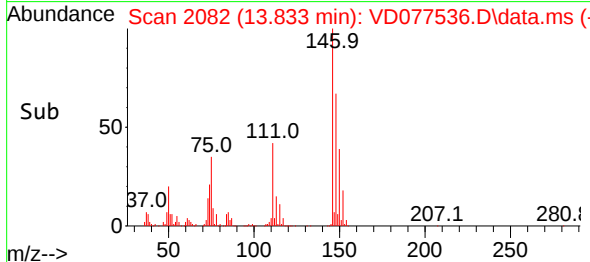
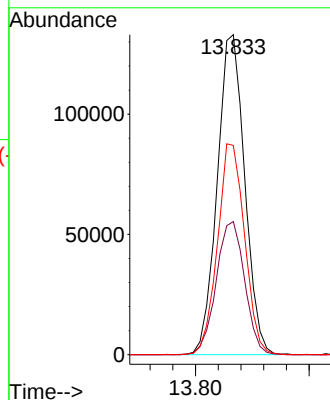
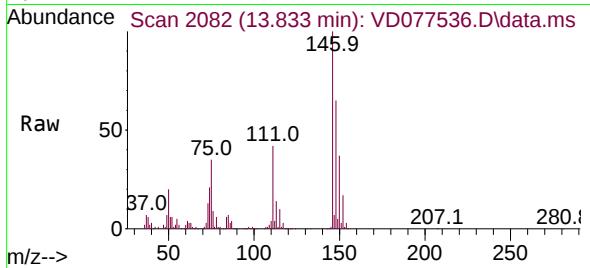




#67
1,2-Dichlorobenzene
Concen: 24.325 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

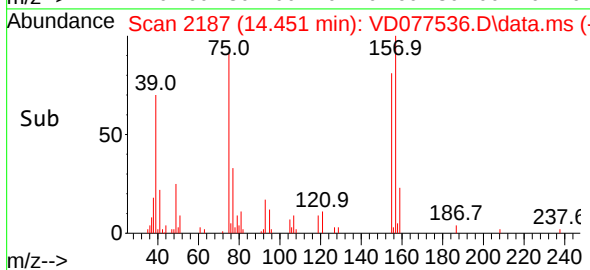
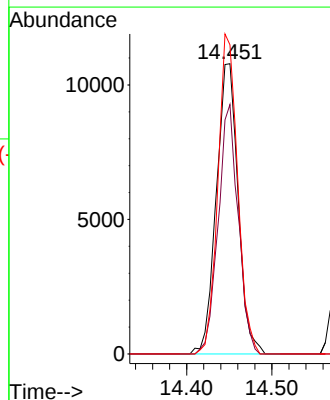
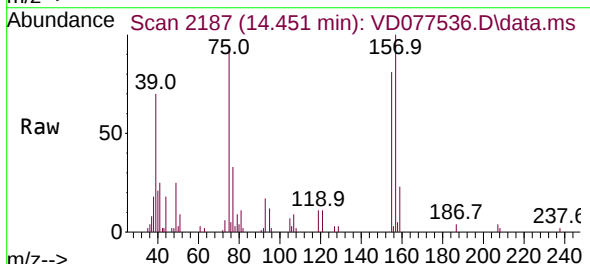
Instrument :
MSVOA_D
ClientSampleId :

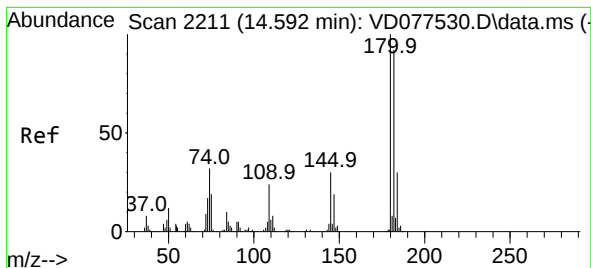
Tgt Ion:146 Resp: 223544
Ion Ratio Lower Upper
146 100
111 41.6 33.8 50.6
148 65.4 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 26.396 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion: 75 Resp: 19157
Ion Ratio Lower Upper
75 100
155 86.0 58.2 87.2
157 106.5 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 23.859 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

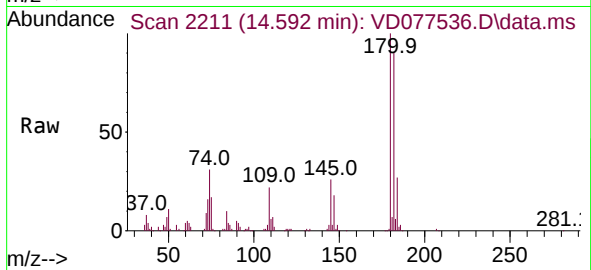
Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 168863

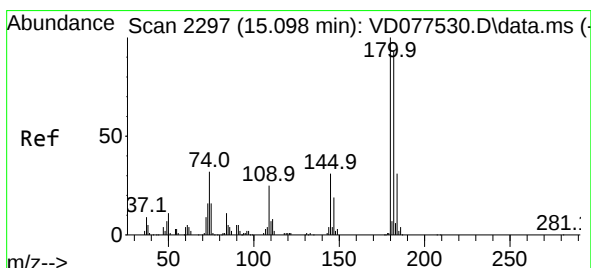
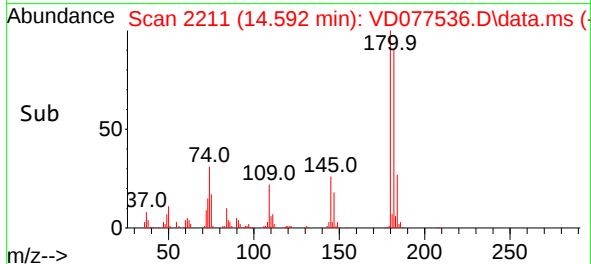
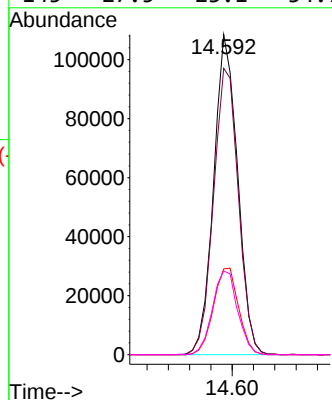
Ion Ratio Lower Upper

180 100

182 93.1 76.1 114.1

184 28.4 24.0 36.0

145 27.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 24.876 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077536.D

Acq: 09 Nov 2023 18:01

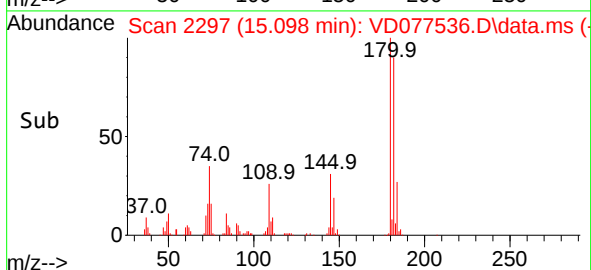
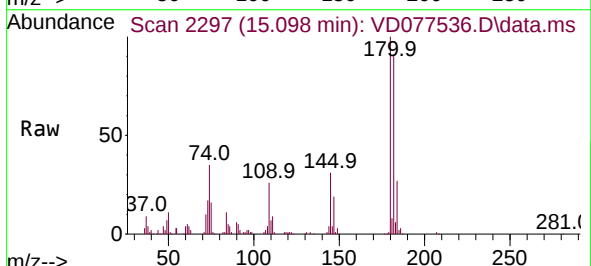
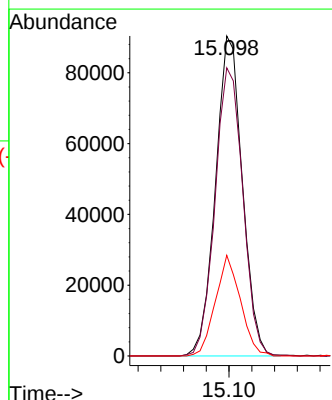
Tgt Ion:180 Resp: 148388

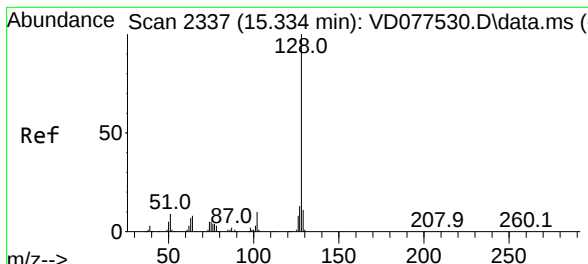
Ion Ratio Lower Upper

180 100

182 92.9 75.8 113.6

145 29.3 24.1 36.1

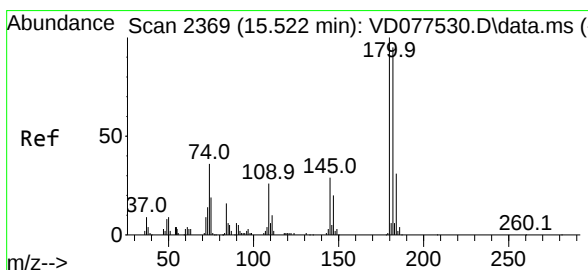
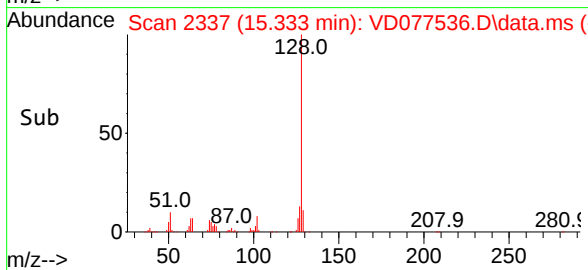
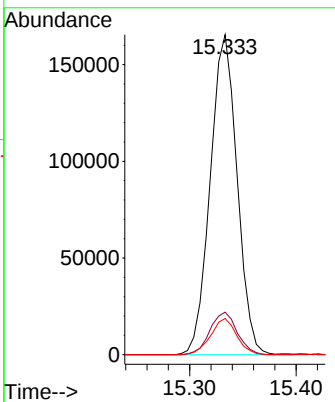
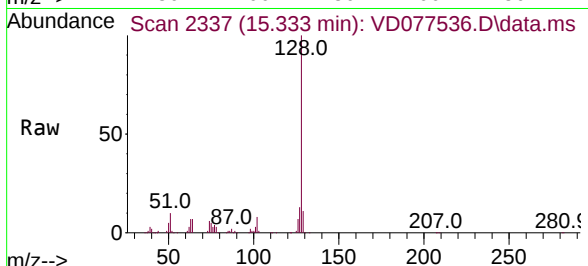




#71
Naphthalene
Concen: 25.777 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	289784
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.0	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.035 ug/L
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077536.D
Acq: 09 Nov 2023 18:01

Tgt Ion:	180	Resp:	127333
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	32.1	26.0	39.0

