

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
 Data File : VD077803.D
 Acq On : 11 Dec 2023 09:19
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 13:03:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	302199	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	283033	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	144568	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	127657	15.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.960%
7) Chloroethane-d5	2.810	69	118677	18.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
11) 1,1-Dichloroethene-d2	3.922	65	35679	16.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.800%
21) 2-Butanone-d5	6.987	46	45880	44.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.100%
24) Chloroform-d	7.575	84	181358	22.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.080%
26) 1,2-Dichloroethane-d4	8.234	65	87753	21.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.040%
32) Benzene-d6	8.204	84	354106	20.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.216	67	111771	21.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.960%
41) Toluene-d8	10.275	98	324307	20.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.680%
43) trans-1,3-Dichloroprop...	10.528	79	47842	20.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	10.881	63	39779	44.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.760%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	90790	24.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.640%
66) 1,2-Dichlorobenzene-d4	13.822	152	116087	22.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	100941	20.923	ug/L	99
3) Chloromethane	2.152	50	124216	17.922	ug/L	97
5) Vinyl chloride	2.287	62	174857	20.254	ug/L	99
6) Bromomethane	2.704	94	79835	17.457	ug/L	99
8) Chloroethane	2.846	64	115712	21.473	ug/L	99
9) Trichlorofluoromethane	3.187	101	158946	21.587	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	100069	23.038	ug/L	95
12) 1,1-Dichloroethene	3.946	96	91646	22.294	ug/L #	88
13) Acetone	4.022	43	55558	41.632	ug/L	98
14) Carbon disulfide	4.281	76	302089	20.737	ug/L	99
15) Methyl Acetate	4.569	43	38090	19.939	ug/L	95
16) Methylene chloride	4.810	84	95792	17.852	ug/L	88
17) trans-1,2-Dichloroethene	5.316	96	97855	22.831	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	204624	21.658	ug/L #	76
19) 1,1-Dichloroethane	6.122	63	176688	21.873	ug/L	94
20) cis-1,2-Dichloroethene	7.087	96	106832	22.431	ug/L	94
22) 2-Butanone	7.081	43	57472	38.264	ug/L #	58
23) Bromochloromethane	7.428	128	45388	22.890	ug/L	82
25) Chloroform	7.598	83	178539	22.450	ug/L	91

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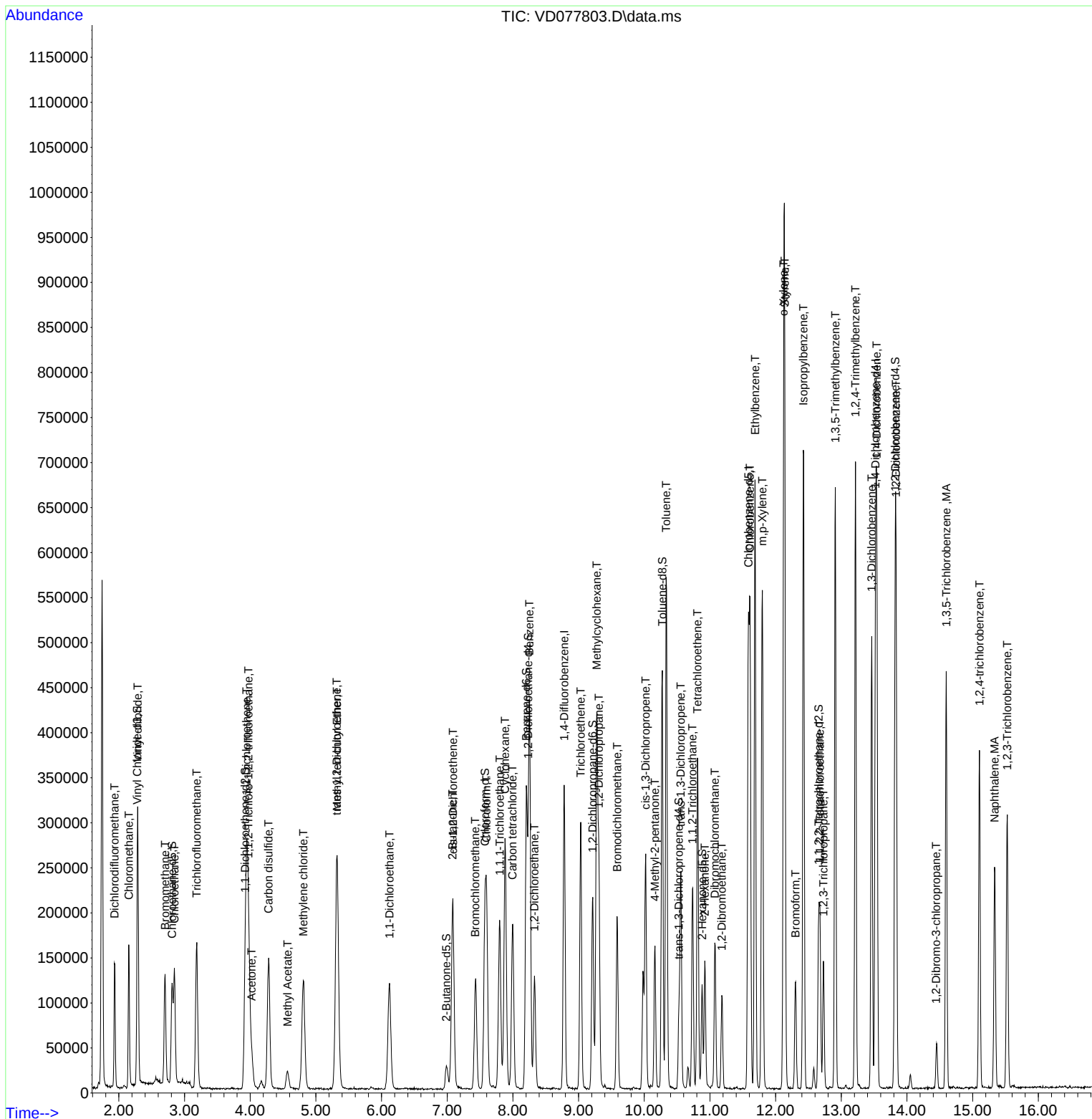
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 ClientSampleId :

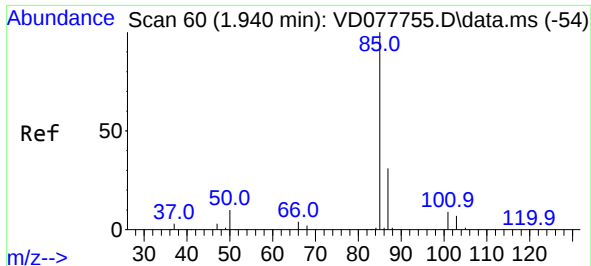
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 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109988	22.111	ug/L	100
29) Cyclohexane	7.881	56	153337	20.531	ug/L	91
30) 1,1,1-Trichloroethane	7.798	97	153332	22.139	ug/L	99
31) Carbon tetrachloride	7.992	117	140083	23.000	ug/L	99
33) Benzene	8.251	78	398114	21.611	ug/L	100
34) Trichloroethene	9.034	95	103814	22.702	ug/L	95
35) Methylcyclohexane	9.275	83	171736	21.154	ug/L	96
37) 1,2-Dichloropropane	9.310	63	104435	21.743	ug/L	99
38) Bromodichloromethane	9.586	83	128910	22.071	ug/L #	97
39) cis-1,3-Dichloropropene	10.022	75	160735	21.429	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	104323	39.360	ug/L	96
42) Toluene	10.333	91	441934	22.586	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	136863	21.846	ug/L	97
45) 1,1,2-Trichloroethane	10.733	97	74660	23.145	ug/L	96
46) Tetrachloroethene	10.810	164	81478	22.096	ug/L	97
48) 2-Hexanone	10.922	43	85140	37.792	ug/L #	90
49) Dibromochloromethane	11.075	129	85298	22.238	ug/L	95
50) 1,2-Dibromoethane	11.180	107	68042	21.872	ug/L	99
51) Chlorobenzene	11.610	112	282315	23.268	ug/L	97
52) Ethylbenzene	11.686	91	479366	22.100	ug/L	97
53) m,p-Xylene	11.798	106	184311	22.488	ug/L	99
54) o-Xylene	12.122	106	178395	22.743	ug/L	92
55) Styrene	12.139	104	310269	22.606	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	84534	22.116	ug/L	97
59) Bromoform	12.304	173	54023	22.585	ug/L #	98
60) Isopropylbenzene	12.422	105	486767	22.559	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	55710	20.950	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	355889	21.959	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	366639	22.312	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	211389	22.652	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	221220	22.845	ug/L	96
67) 1,2-Dichlorobenzene	13.833	146	189877	22.612	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11981	19.108	ug/L	98
69) 1,3,5-Trichlorobenzene	14.598	180	146166	23.002	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	120862	22.405	ug/L	99
71) Naphthalene	15.333	128	215001	21.801	ug/L	97
72) 1,2,3-Trichlorobenzene	15.527	180	105909	22.395	ug/L	99

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

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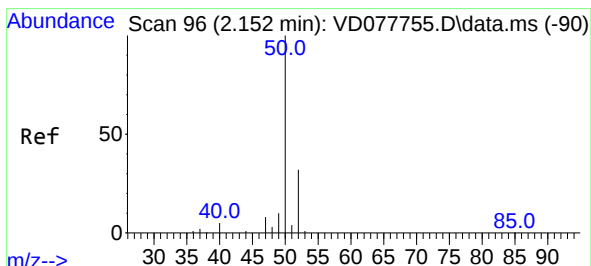
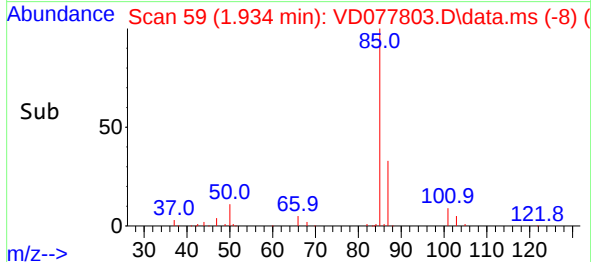
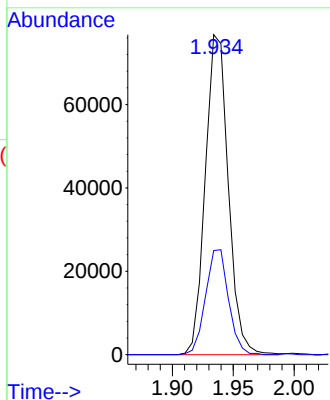
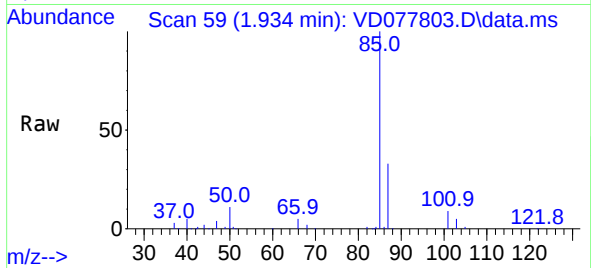




#2
 Dichlorodifluoromethane
 Concen: 20.923 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD077803.D
 Acq: 11 Dec 2023 09:19

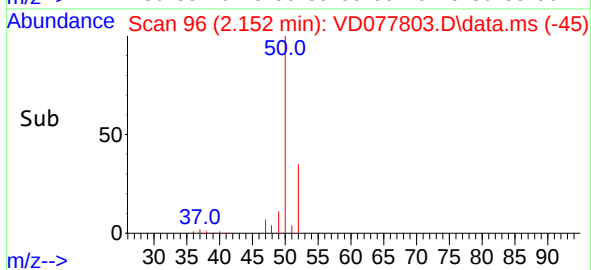
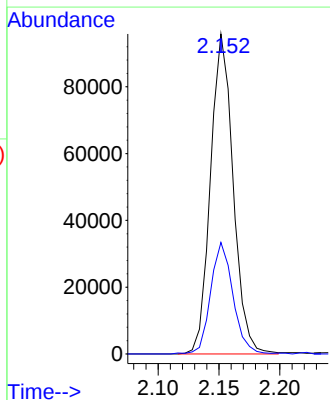
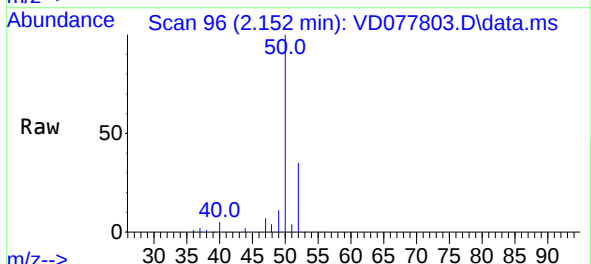
Instrument :
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 ClientSampleId :

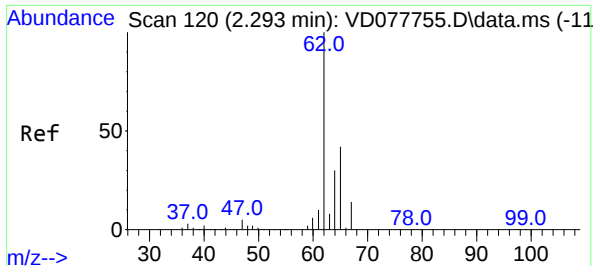
Tgt Ion: 85 Resp: 100941
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.6 38.4



#3
 Chloromethane
 Concen: 17.922 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077803.D
 Acq: 11 Dec 2023 09:19

Tgt Ion: 50 Resp: 124216
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.2 43.2

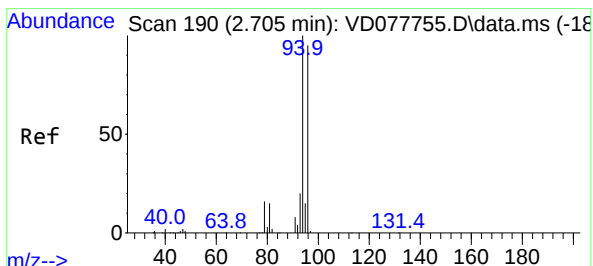
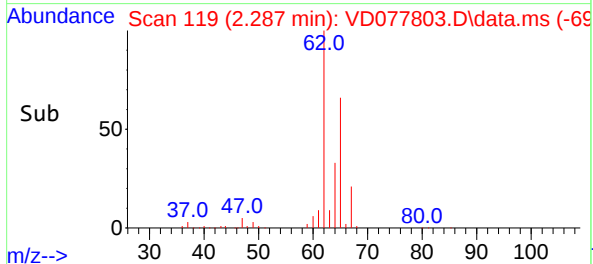
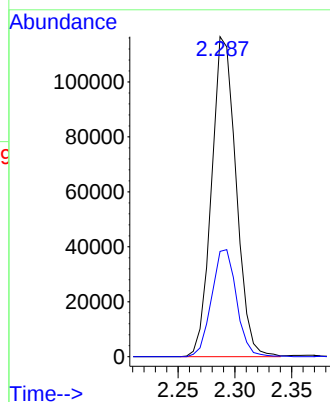
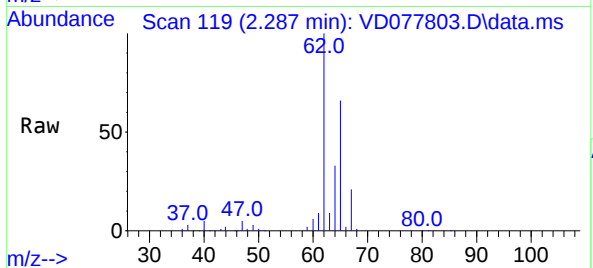




#5
 Vinyl chloride
 Concen: 20.254 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077803.D
 Acq: 11 Dec 2023 09:19

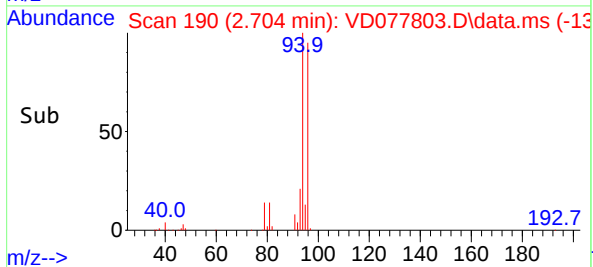
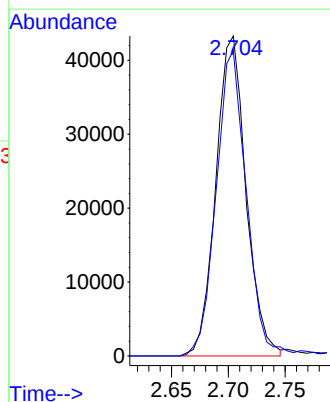
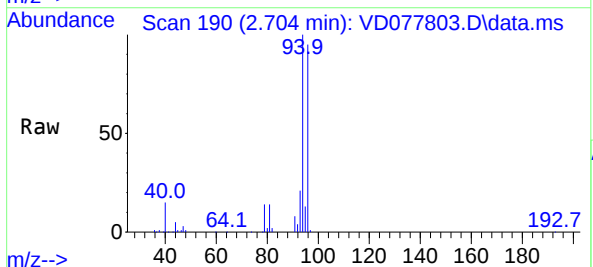
Instrument :
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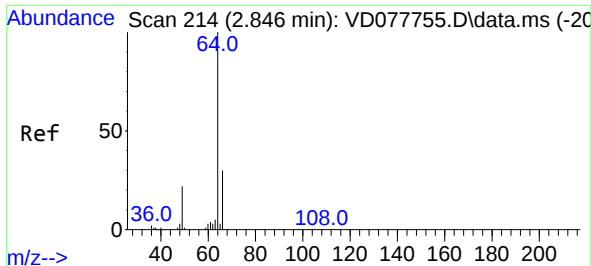
Tgt Ion: 62 Resp: 174857
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.6 42.0



#6
 Bromomethane
 Concen: 17.457 ug/L
 RT: 2.704 min Scan# 190
 Delta R.T. -0.000 min
 Lab File: VD077803.D
 Acq: 11 Dec 2023 09:19

Tgt Ion: 94 Resp: 79835
 Ion Ratio Lower Upper
 94 100
 96 95.4 66.0 122.6

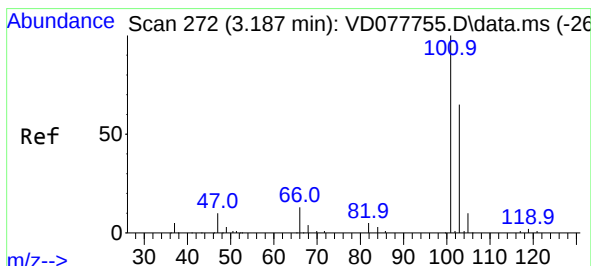
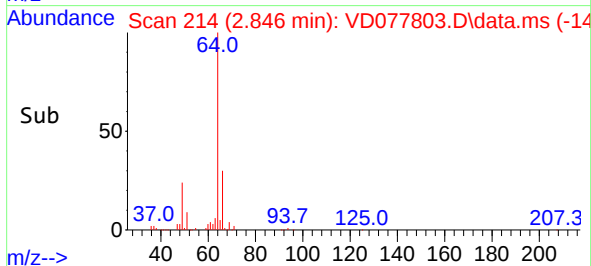
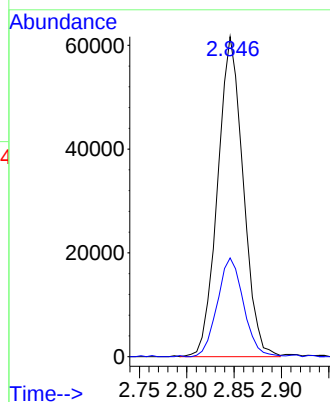
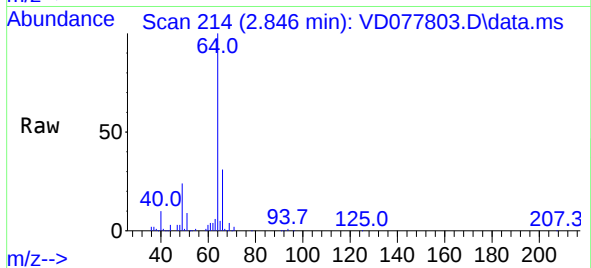




#8
Chloroethane
Concen: 21.473 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

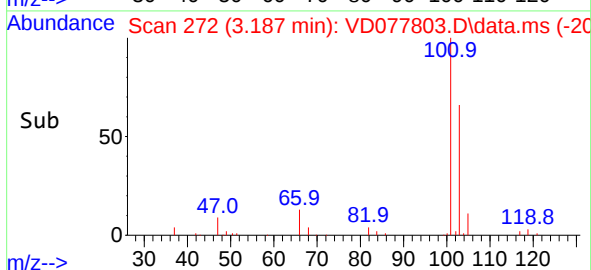
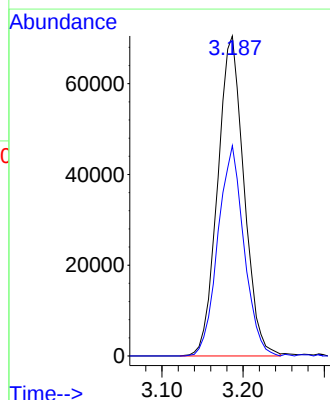
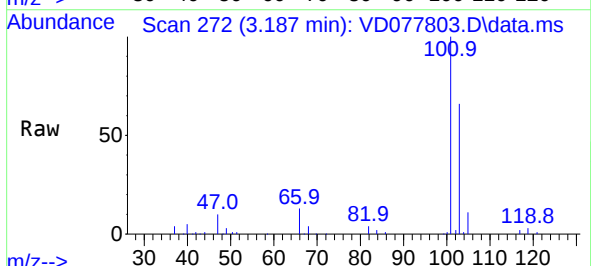
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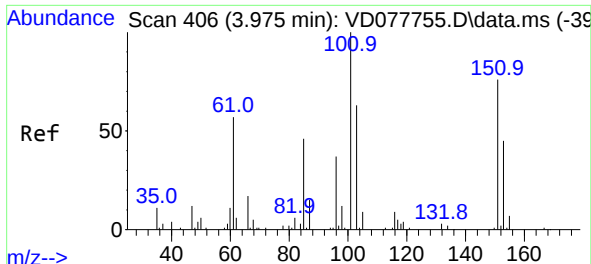
Tgt Ion: 64 Resp: 115712
Ion Ratio Lower Upper
64 100
66 30.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 21.587 ug/L
RT: 3.187 min Scan# 272
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:101 Resp: 158946
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

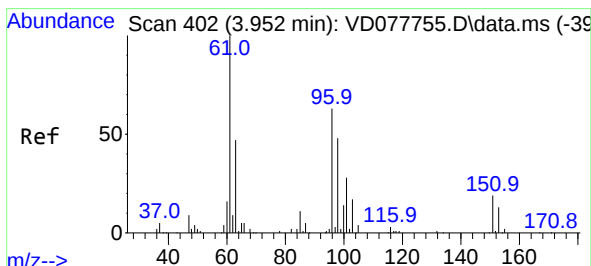
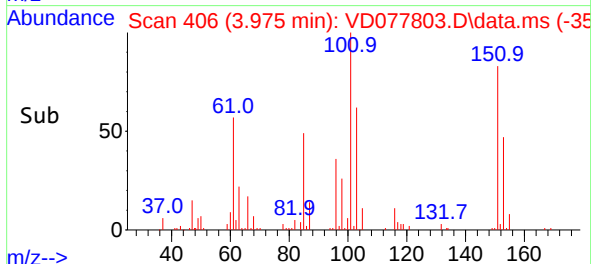
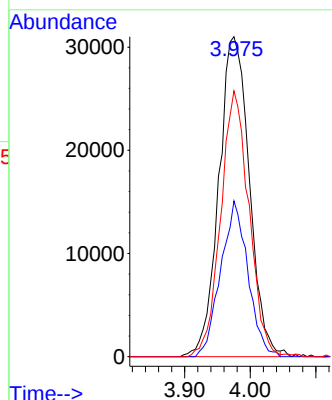
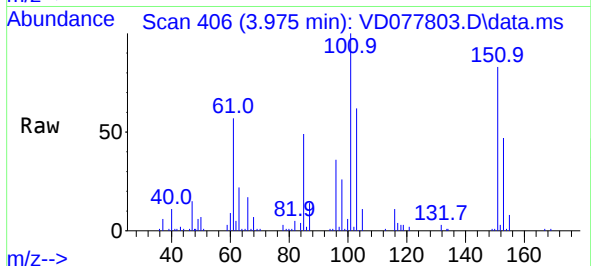




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.038 ug/L
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

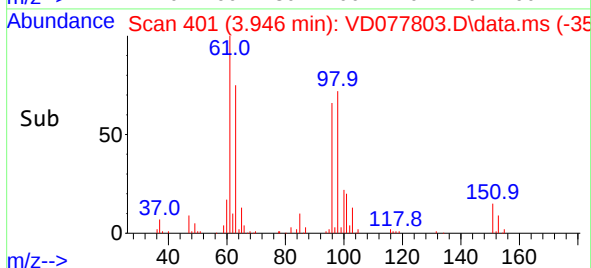
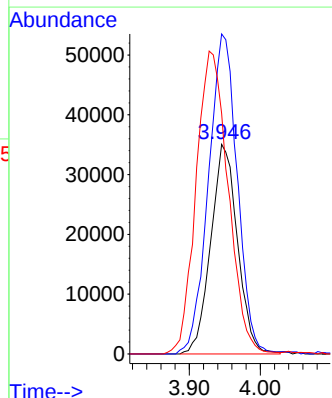
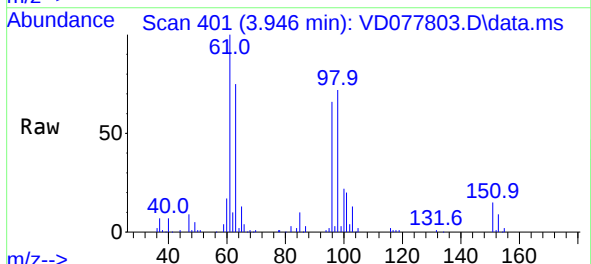
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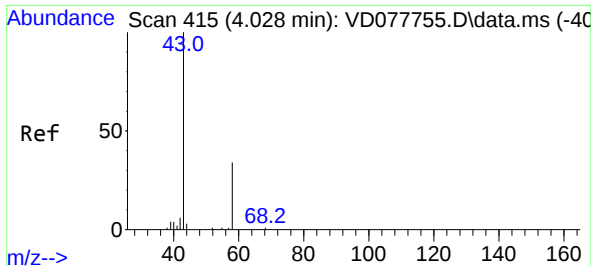
Tgt Ion:101 Resp: 100069
Ion Ratio Lower Upper
101 100
85 43.3 35.8 53.6
151 76.9 57.0 85.6



#12
1,1-Dichloroethene
Concen: 22.294 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 96 Resp: 91646
Ion Ratio Lower Upper
96 100
61 152.7 108.6 201.6
63 114.7 60.3 111.9#





#13

Acetone

Concen: 41.632 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

Instrument :

MSVOA_D

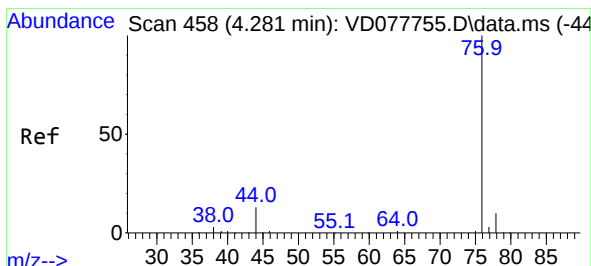
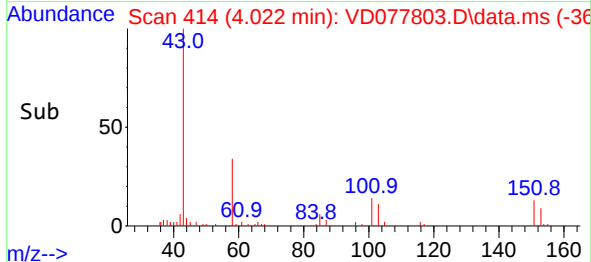
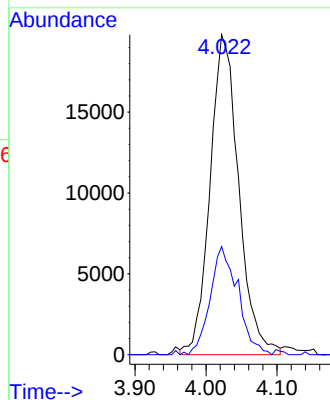
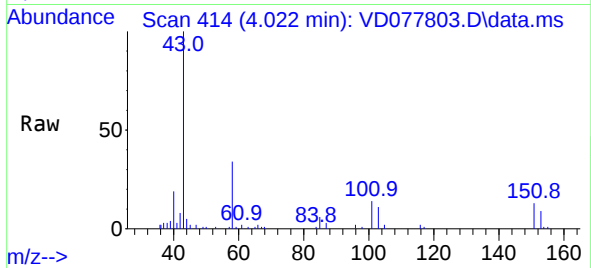
ClientSampleId :

Tgt Ion: 43 Resp: 55558

Ion Ratio Lower Upper

43 100

58 32.6 0.0 67.2



#14

Carbon disulfide

Concen: 20.737 ug/L

RT: 4.281 min Scan# 458

Delta R.T. -0.000 min

Lab File: VD077803.D

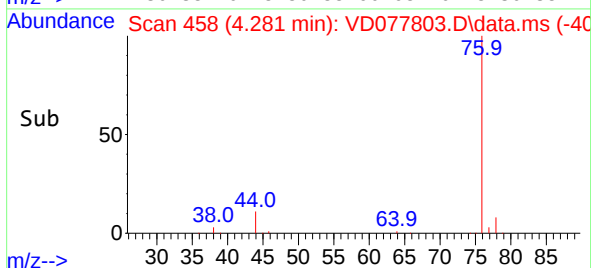
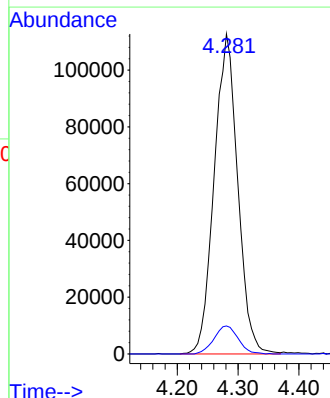
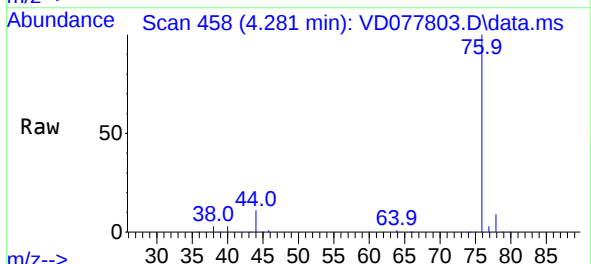
Acq: 11 Dec 2023 09:19

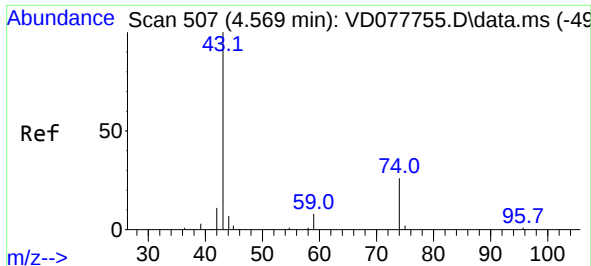
Tgt Ion: 76 Resp: 302089

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

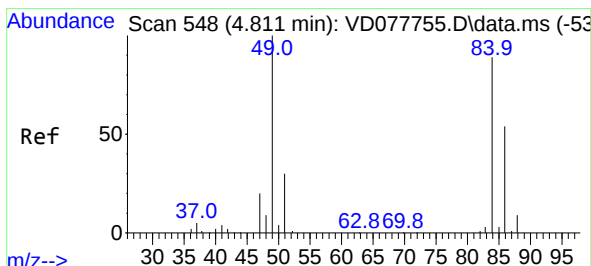
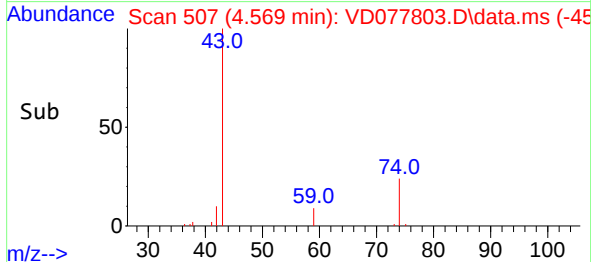
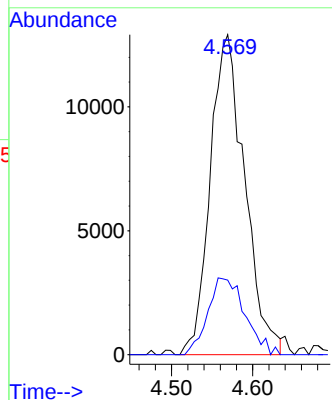
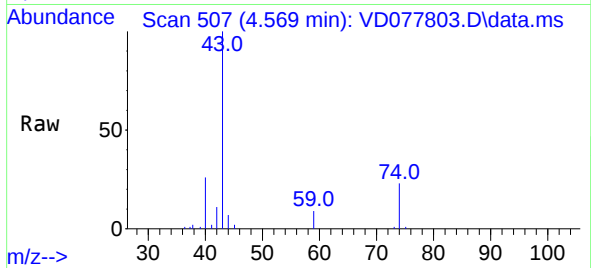




#15
Methyl Acetate
Concen: 19.939 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

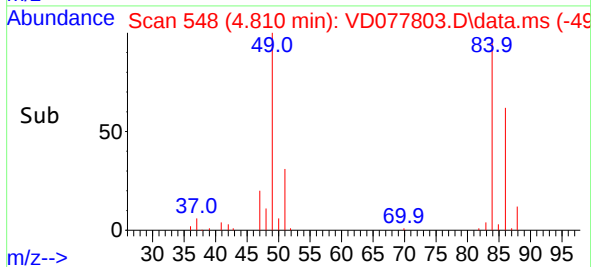
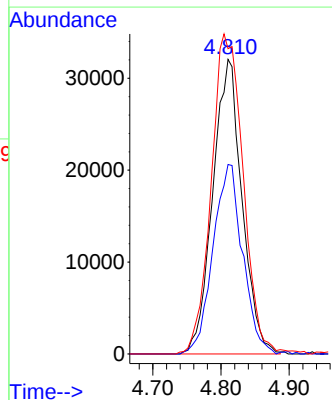
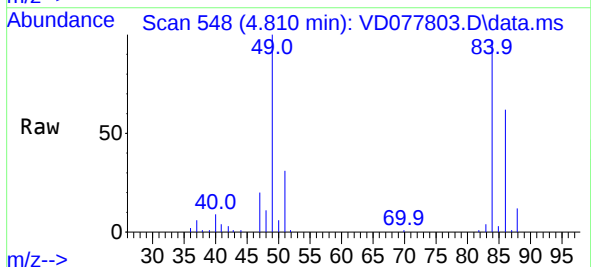
Instrument :
MSVOA_D
ClientSampleId :

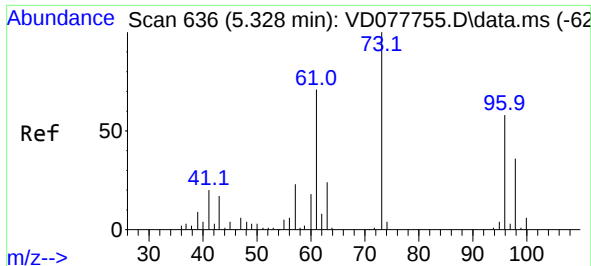
Tgt Ion: 43 Resp: 38090
Ion Ratio Lower Upper
43 100
74 25.5 18.6 27.8



#16
Methylene chloride
Concen: 17.852 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

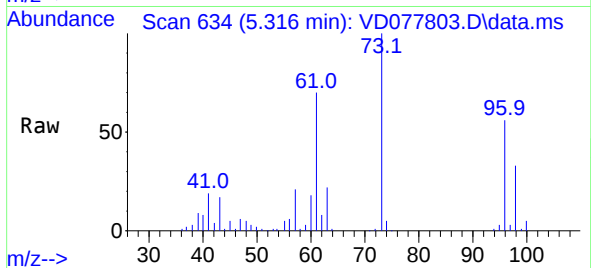
Tgt Ion: 84 Resp: 95792
Ion Ratio Lower Upper
84 100
86 64.3 40.1 74.5
49 103.6 83.2 154.6



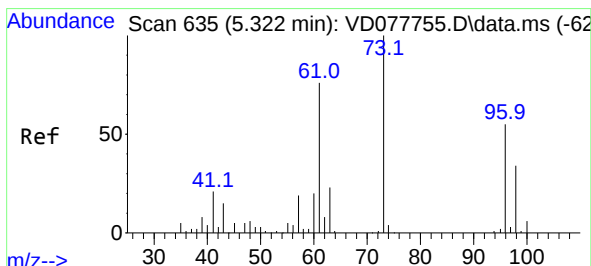
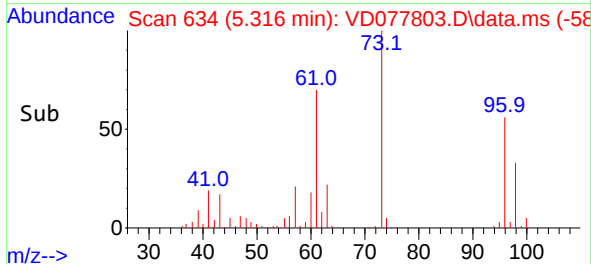
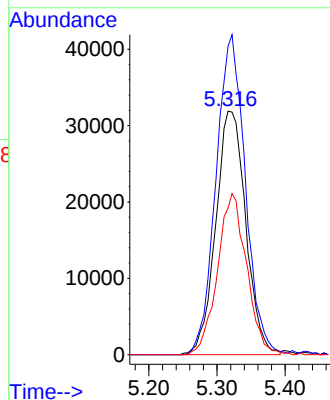


#17
trans-1,2-Dichloroethene
Concen: 22.831 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

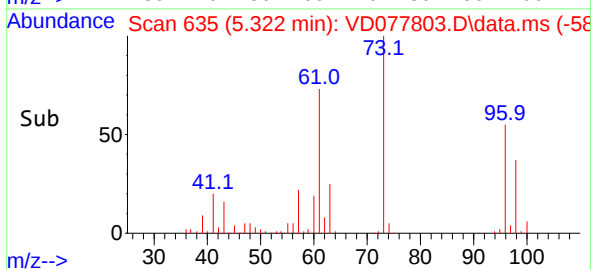
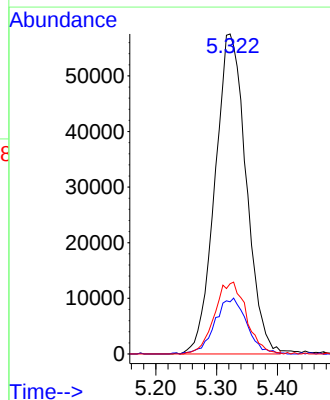
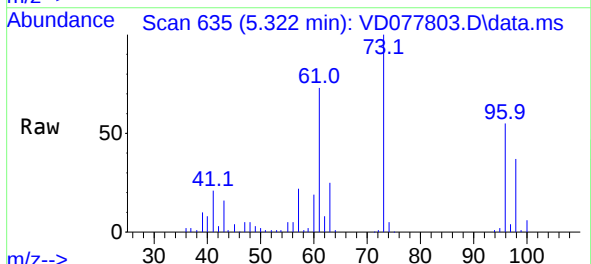


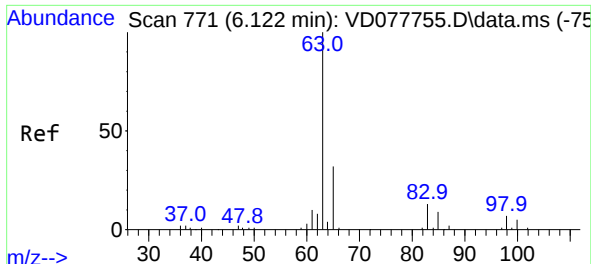
Tgt Ion: 96 Resp: 97855
Ion Ratio Lower Upper
96 100
61 126.6 92.3 171.3
98 60.2 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 21.658 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

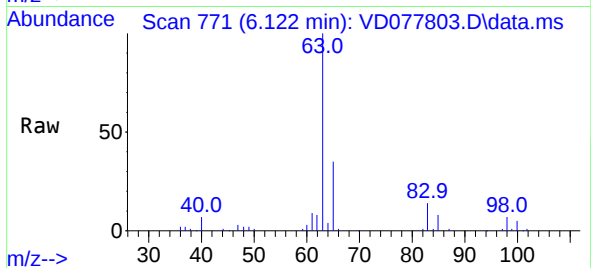
Tgt Ion: 73 Resp: 204624
Ion Ratio Lower Upper
73 100
43 9.4 15.0 22.4#
57 10.0 18.1 27.1#



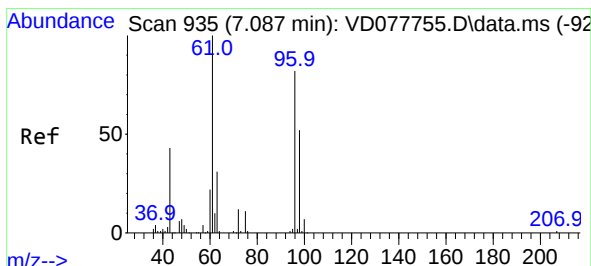
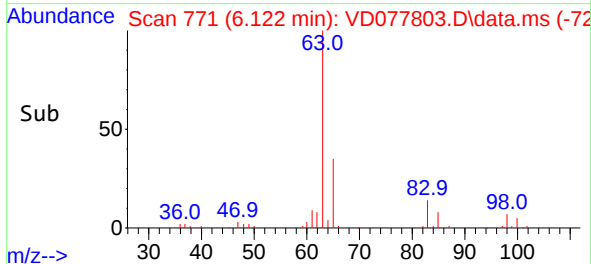
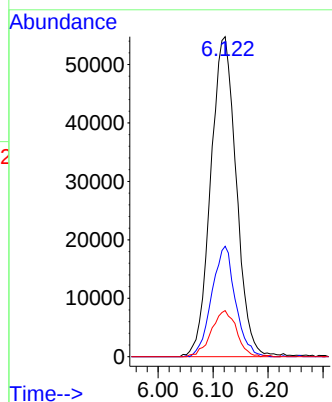


#19
1,1-Dichloroethane
Concen: 21.873 ug/L
RT: 6.122 min Scan# 771
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

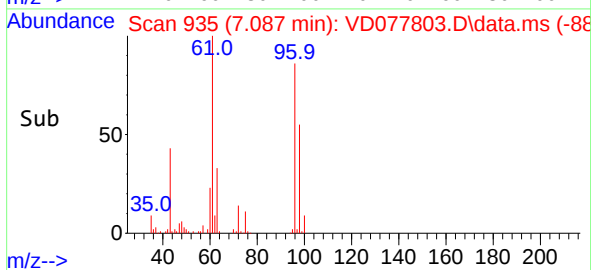
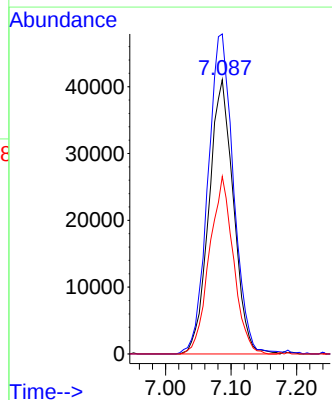
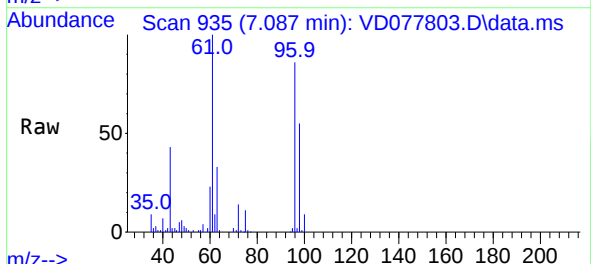


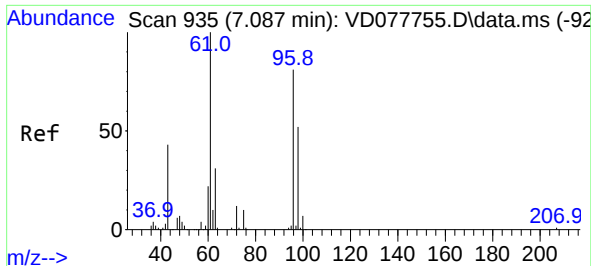
Tgt Ion: 63 Resp: 176688
Ion Ratio Lower Upper
63 100
65 34.5 20.9 38.9
83 14.4 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 22.431 ug/L
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

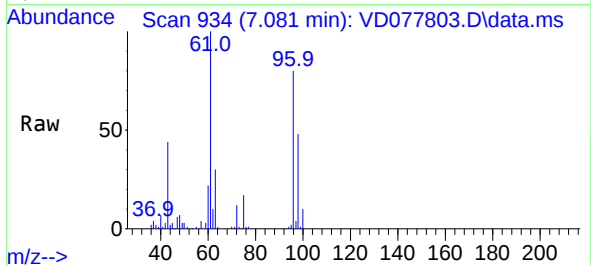
Tgt Ion: 96 Resp: 106832
Ion Ratio Lower Upper
96 100
61 116.7 88.1 163.5
98 64.7 44.1 81.9



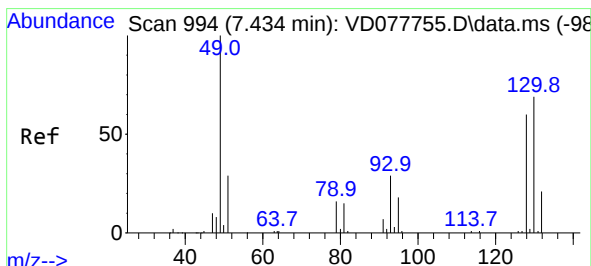
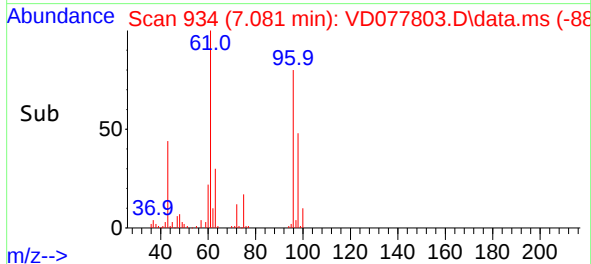
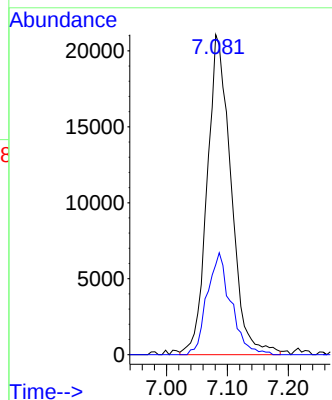


#22
2-Butanone
Concen: 38.264 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

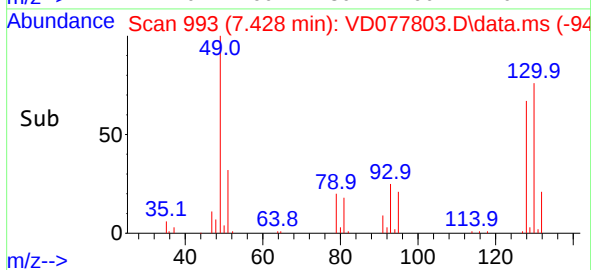
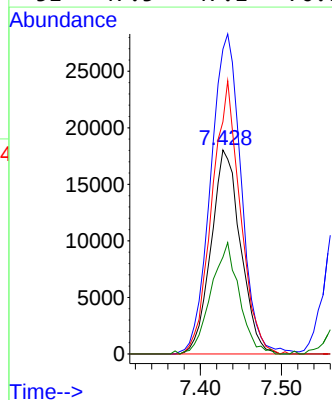
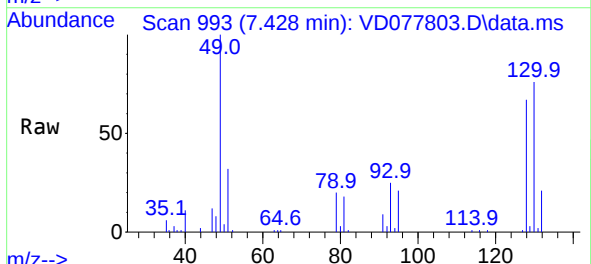


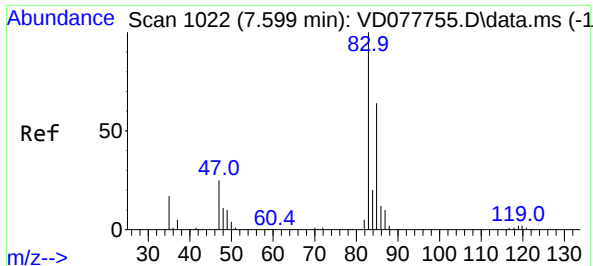
Tgt Ion: 43 Resp: 57472
Ion Ratio Lower Upper
43 100
72 31.7 7.2 21.6#



#23
Bromochloromethane
Concen: 22.890 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:128 Resp: 45388
Ion Ratio Lower Upper
128 100
49 149.4 124.7 231.5
130 113.7 92.3 171.3
51 47.5 47.1 70.7

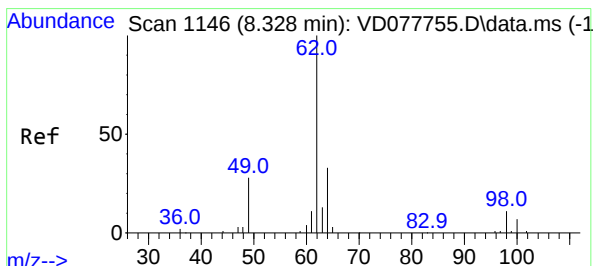
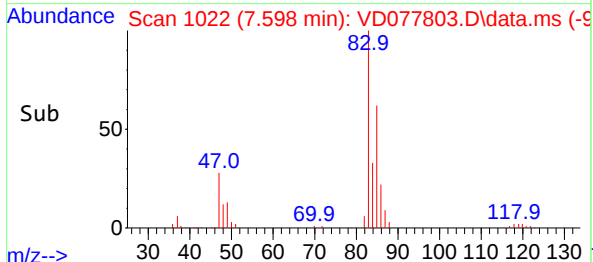
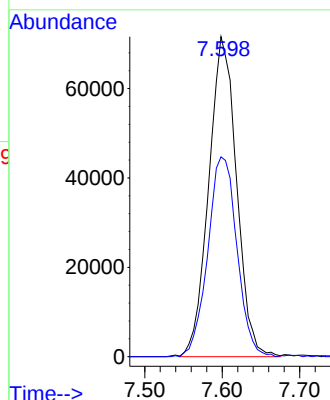
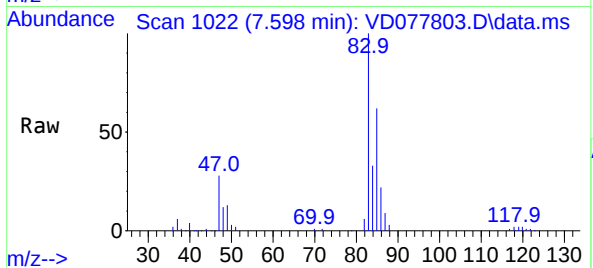




#25
Chloroform
Concen: 22.450 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

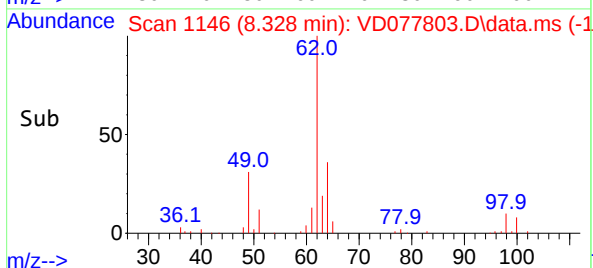
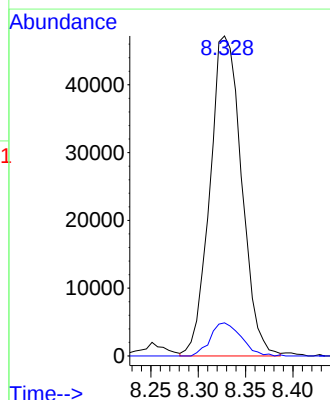
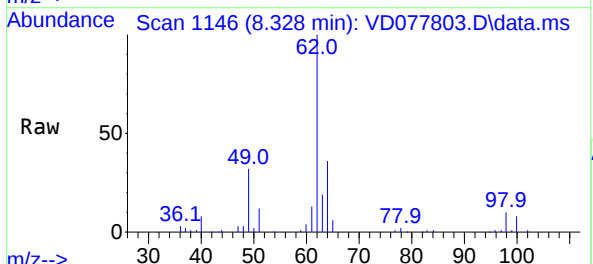
Instrument :
MSVOA_D
ClientSampleId :

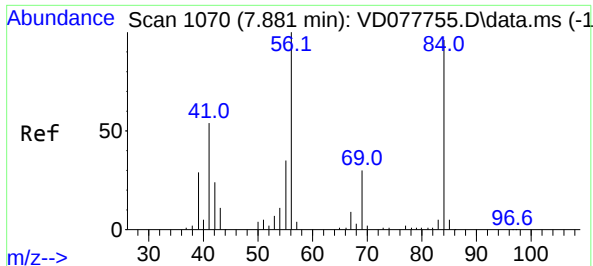
Tgt Ion: 83 Resp: 178539
Ion Ratio Lower Upper
83 100
85 62.4 48.9 90.9



#27
1,2-Dichloroethane
Concen: 22.111 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 62 Resp: 109988
Ion Ratio Lower Upper
62 100
98 10.3 8.4 12.6





#29

Cyclohexane

Concen: 20.531 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

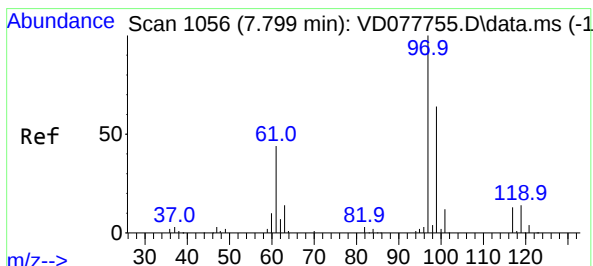
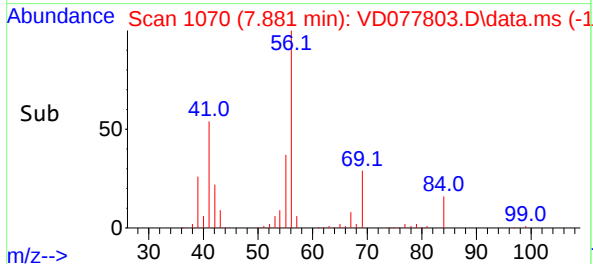
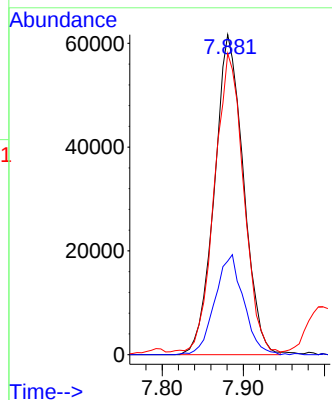
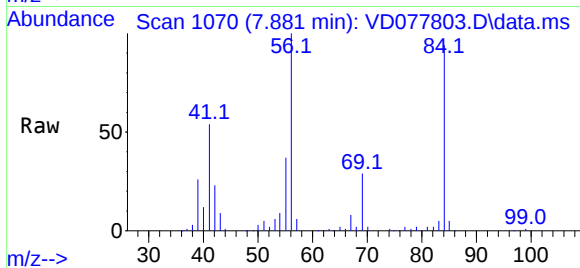
Tgt Ion: 56 Resp: 153337

Ion Ratio Lower Upper

56 100

69 30.6 22.2 33.4

84 94.8 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 22.139 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

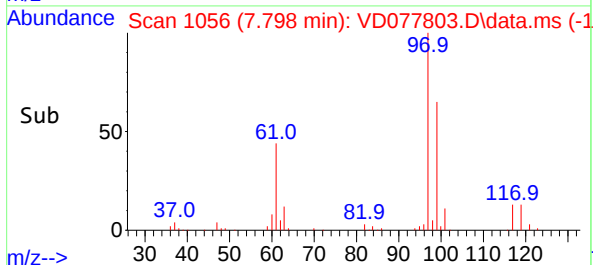
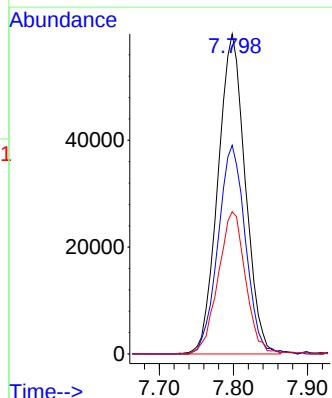
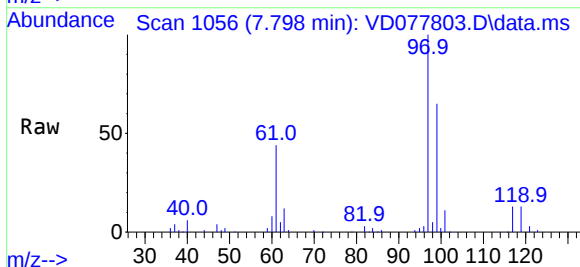
Tgt Ion: 97 Resp: 153332

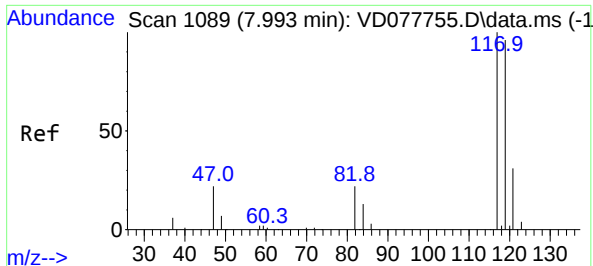
Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.2

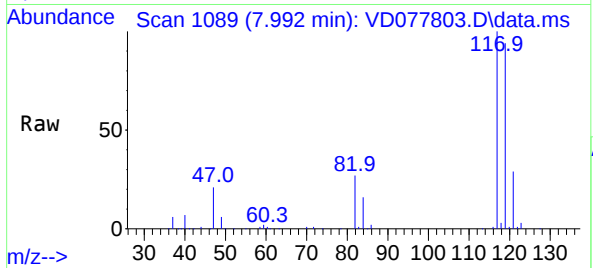
61 44.4 35.4 53.2



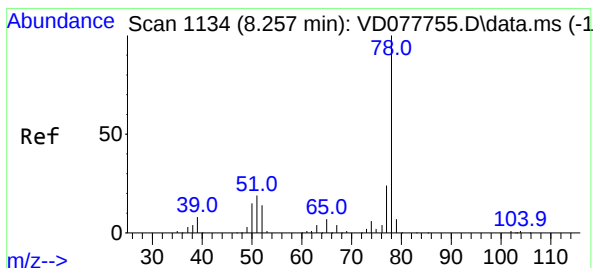
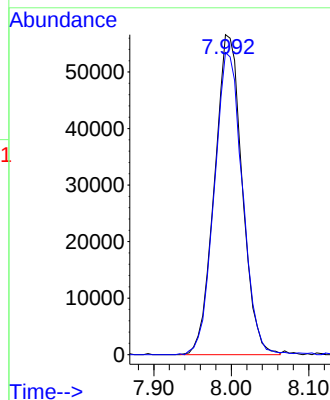
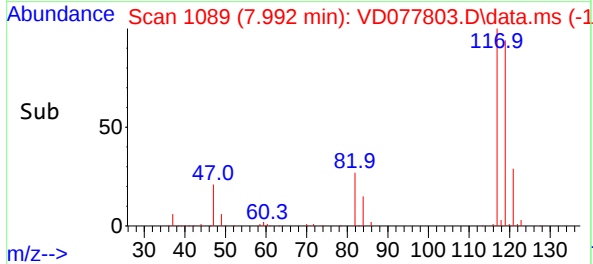


#31
Carbon tetrachloride
Concen: 23.000 ug/L
RT: 7.992 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

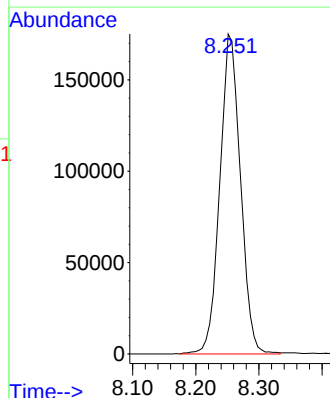
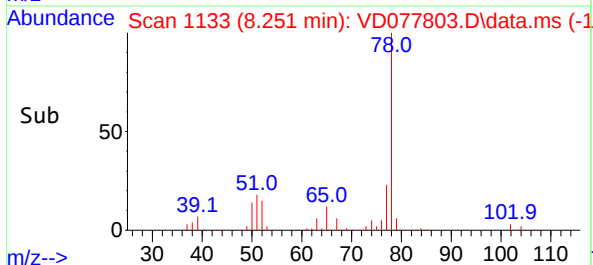
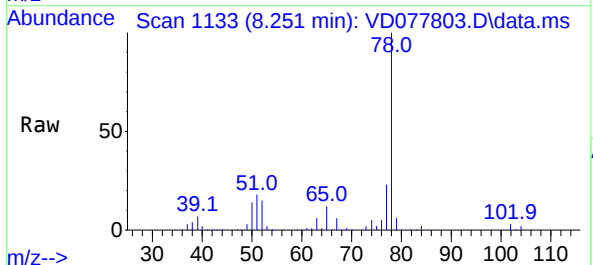


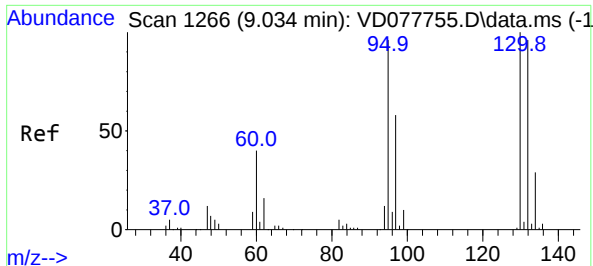
Tgt Ion:117 Resp: 140083
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5



#33
Benzene
Concen: 21.611 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

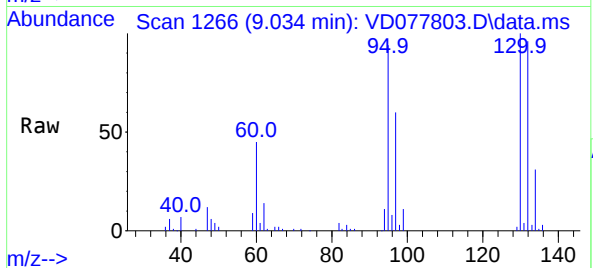
Tgt Ion: 78 Resp: 398114



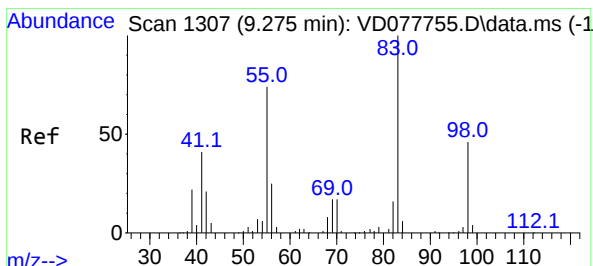
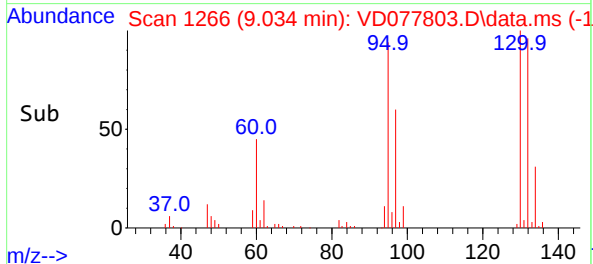
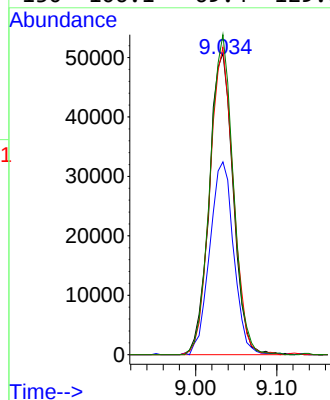


#34
Trichloroethene
Concen: 22.702 ug/L
RT: 9.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

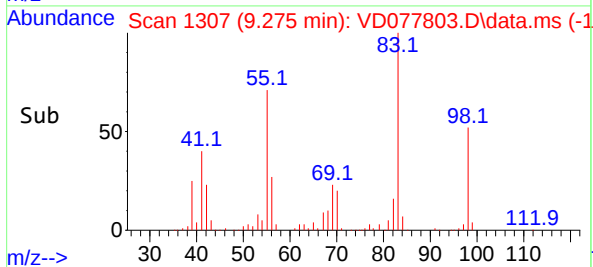
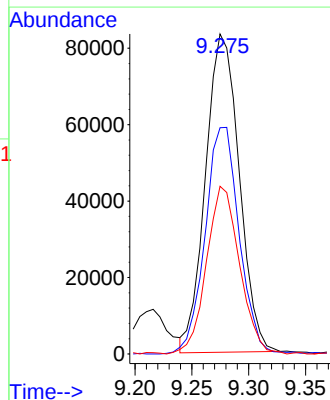
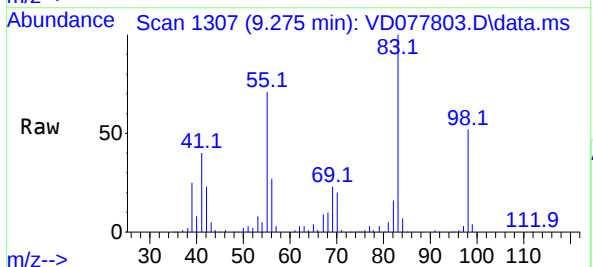


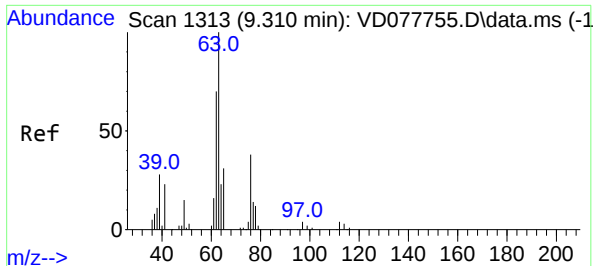
Tgt Ion: 95 Resp: 103814
Ion Ratio Lower Upper
95 100
97 64.0 44.2 82.0
132 102.0 67.5 125.3
130 106.1 69.4 129.0



#35
Methylcyclohexane
Concen: 21.154 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 83 Resp: 171736
Ion Ratio Lower Upper
83 100
55 72.1 59.8 89.6
98 51.7 38.5 57.7

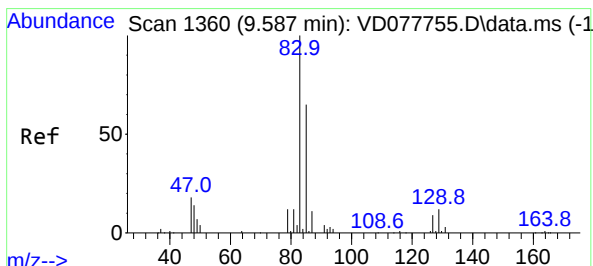
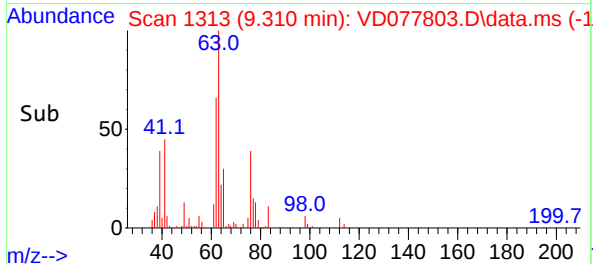
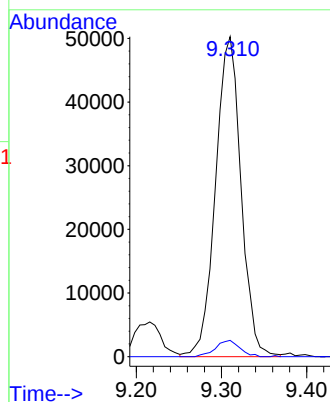
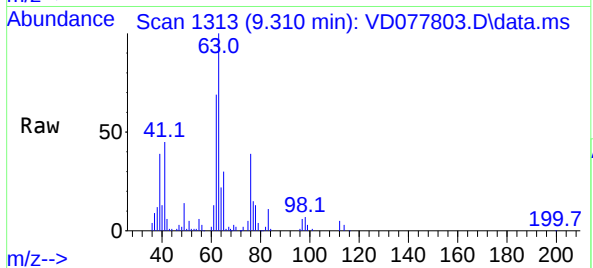




#37
1,2-Dichloropropane
Concen: 21.743 ug/L
RT: 9.310 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

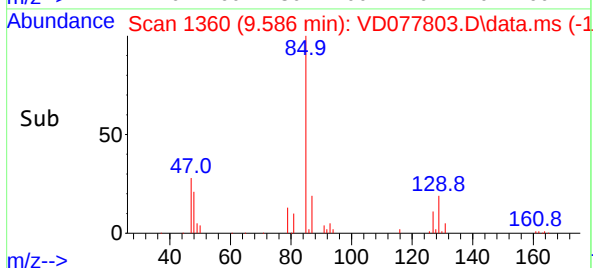
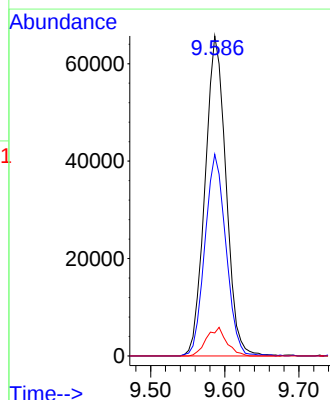
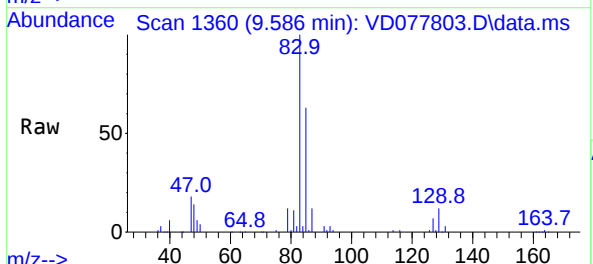
Instrument :
MSVOA_D
ClientSampleId :

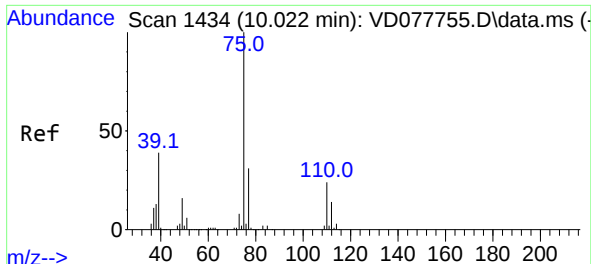
Tgt Ion: 63 Resp: 104435
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 22.071 ug/L
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

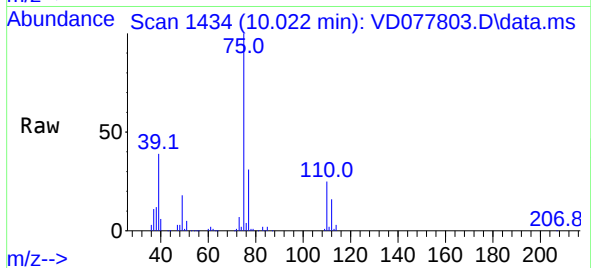
Tgt Ion: 83 Resp: 128910
Ion Ratio Lower Upper
83 100
85 63.0 45.5 84.5
127 7.2 7.4 11.2#



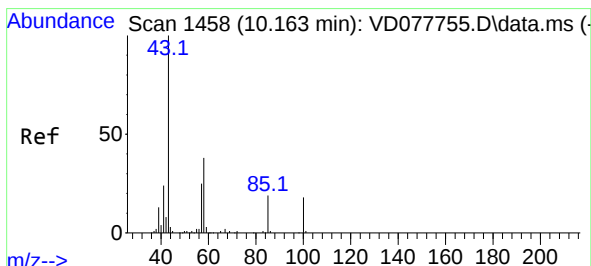
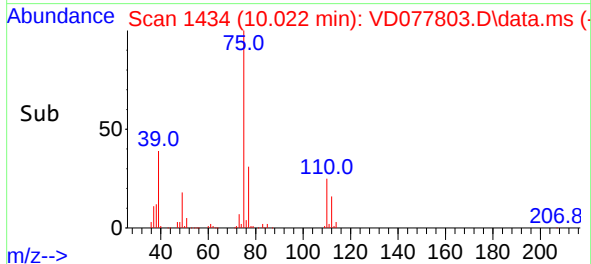
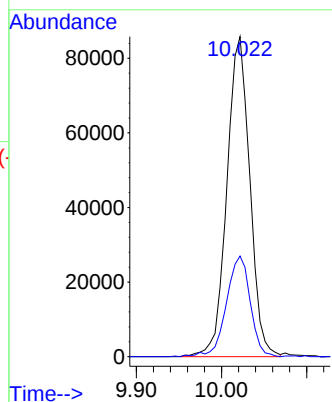


#39
cis-1,3-Dichloropropene
Concen: 21.429 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

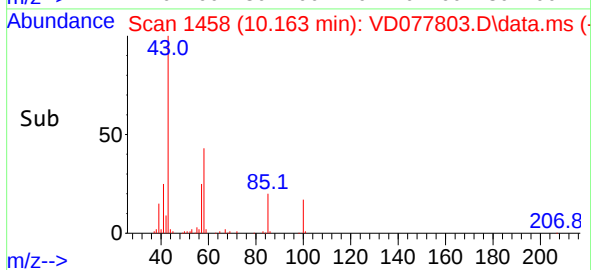
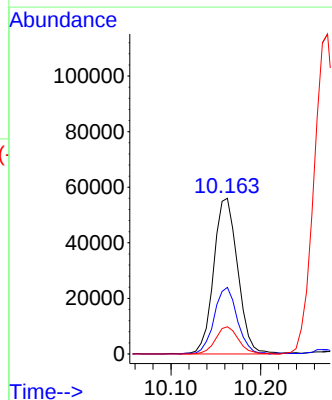
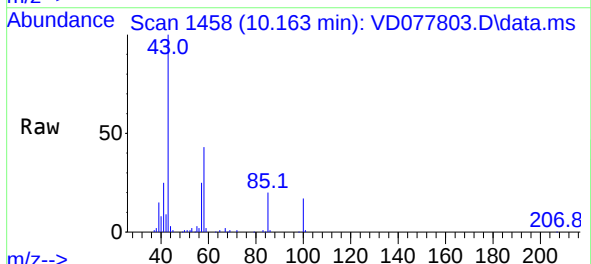


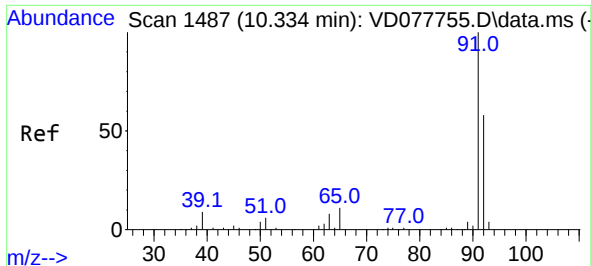
Tgt Ion: 75 Resp: 160735
Ion Ratio Lower Upper
75 100
77 31.4 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 39.360 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 43 Resp: 104323
Ion Ratio Lower Upper
43 100
58 41.0 31.0 46.4
100 16.6 11.9 17.9

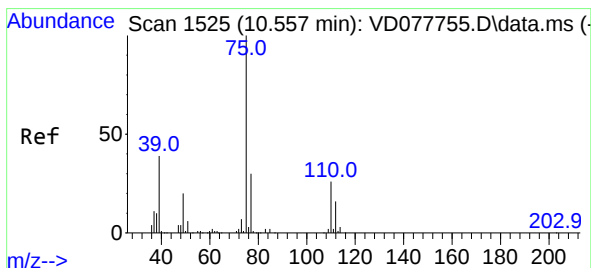
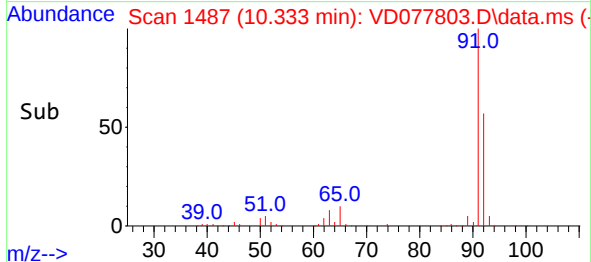
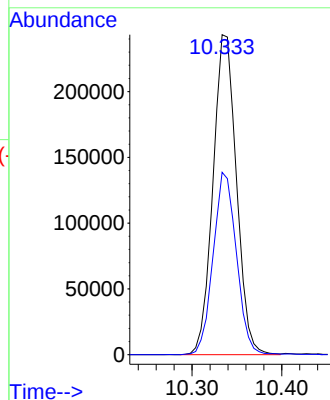
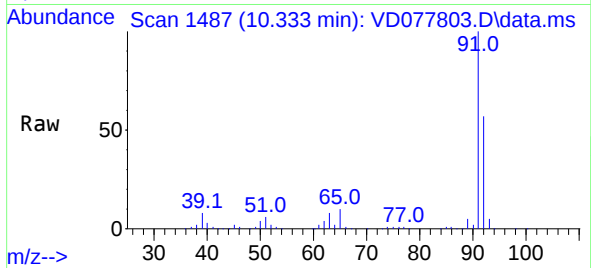




#42
Toluene
Concen: 22.586 ug/L
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

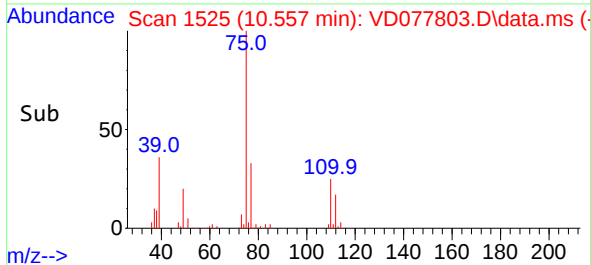
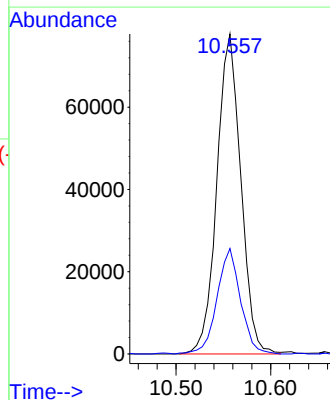
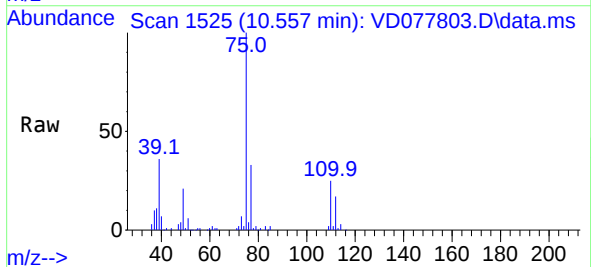
Instrument :
MSVOA_D
ClientSampleId :

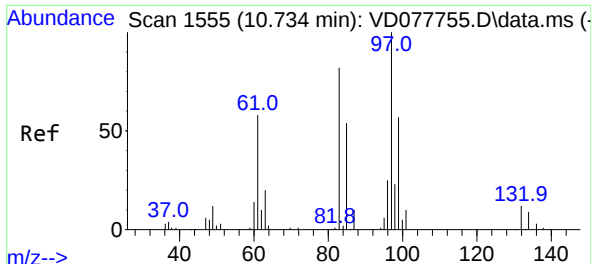
Tgt Ion: 91 Resp: 441934
Ion Ratio Lower Upper
91 100
92 57.0 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 21.846 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

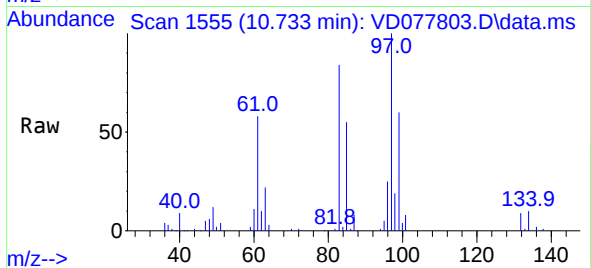
Tgt Ion: 75 Resp: 136863
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8





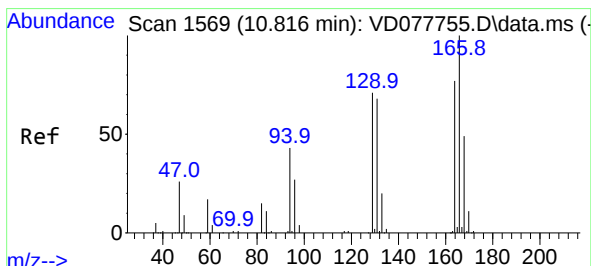
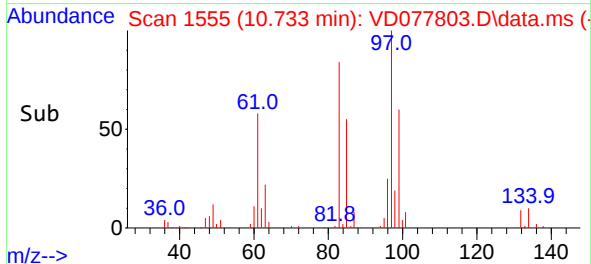
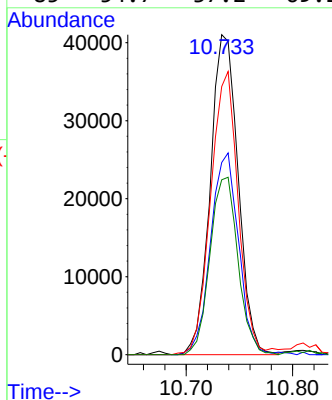
#45
1,1,2-Trichloroethane
Concen: 23.145 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 74660

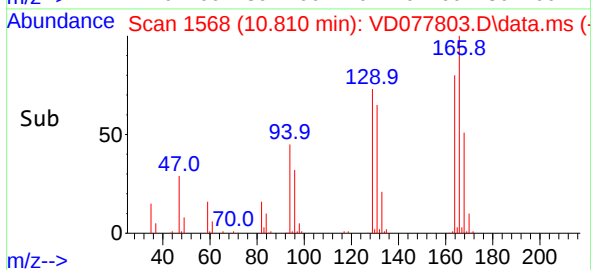
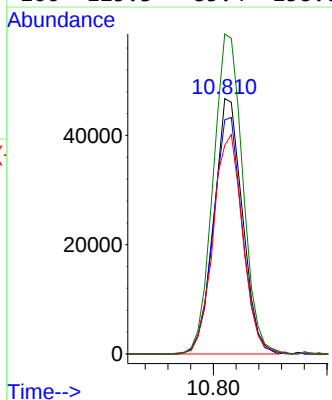
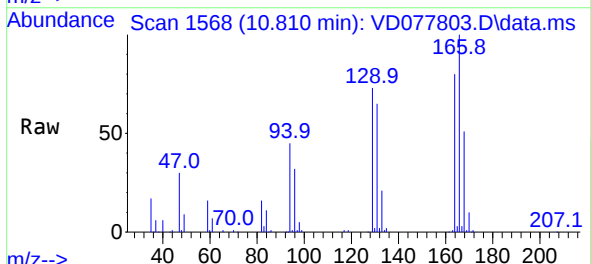
Ion	Ratio	Lower	Upper
97	100		
99	60.1	41.7	77.5
83	83.8	63.6	118.2
85	54.7	37.2	69.2

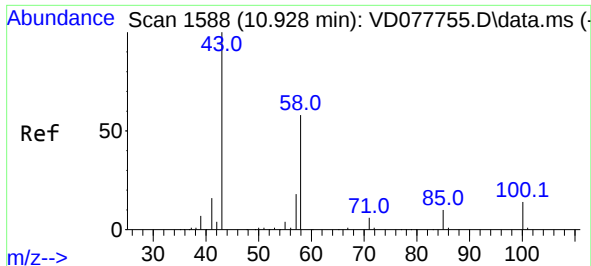


#46
Tetrachloroethene
Concen: 22.096 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 164 Resp: 81478

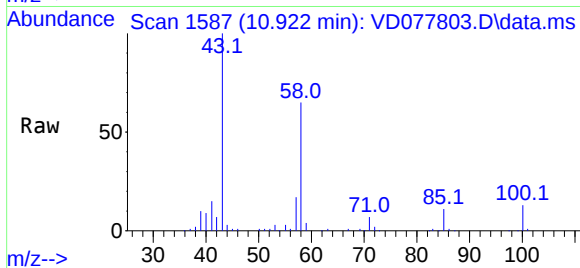
Ion	Ratio	Lower	Upper
164	100		
129	91.6	61.5	114.3
131	81.7	59.1	109.9
166	125.3	85.4	158.6



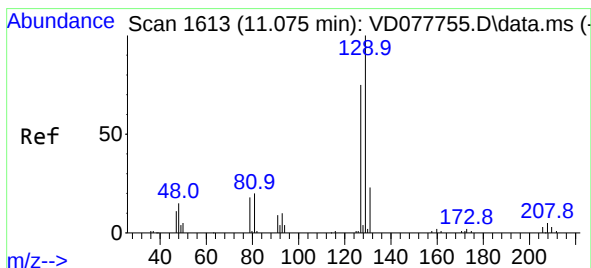
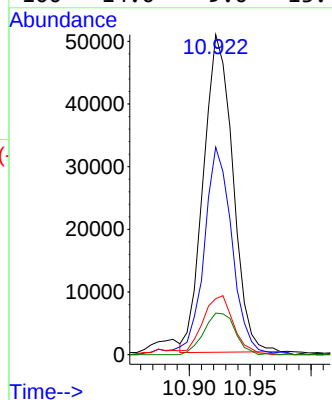
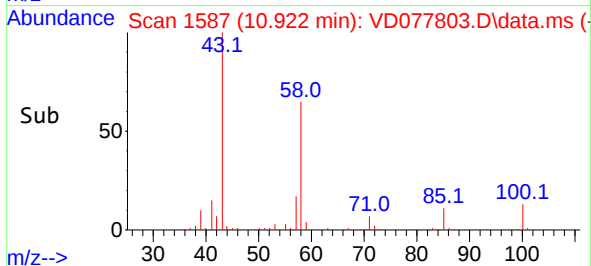


#48
2-Hexanone
Concen: 37.792 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

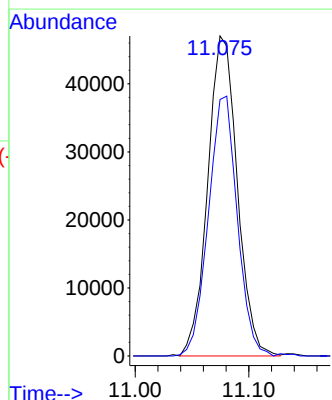
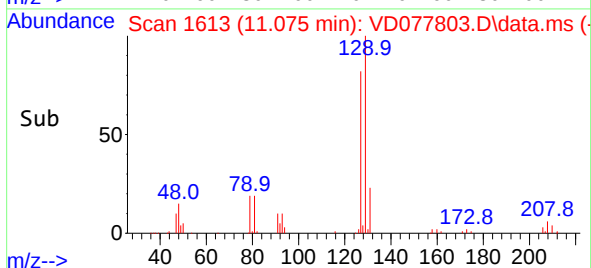
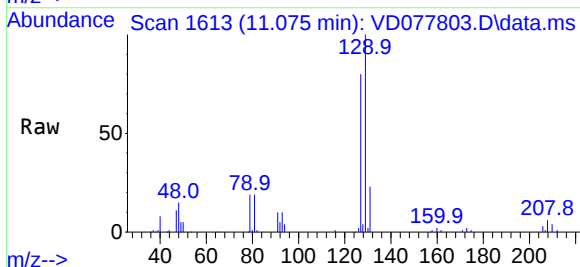


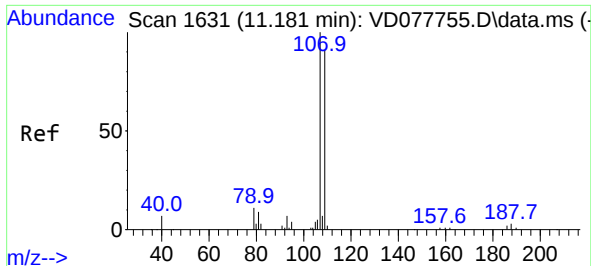
Tgt Ion: 43 Resp: 85140
Ion Ratio Lower Upper
43 100
58 62.2 43.0 64.6
57 19.4 13.8 20.8
100 14.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 22.238 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 129 Resp: 85298
Ion Ratio Lower Upper
129 100
127 80.2 52.8 98.2

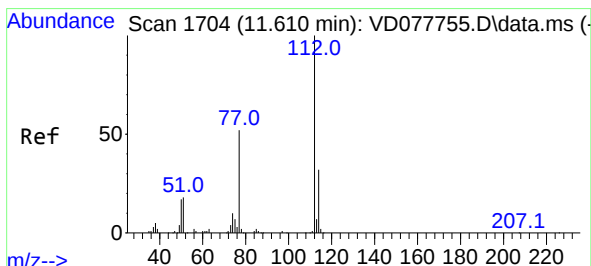
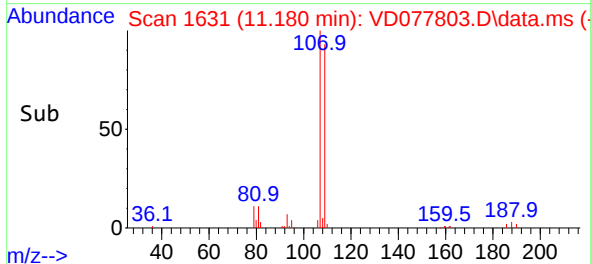
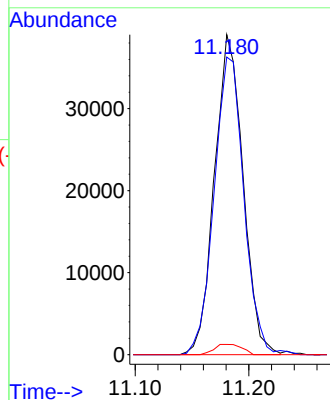
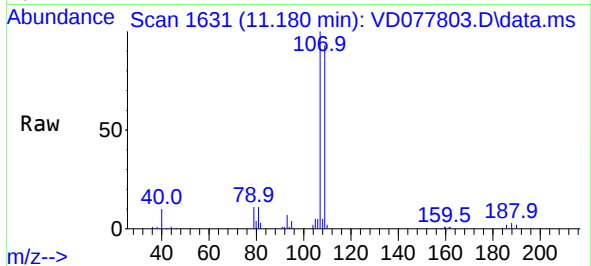




#50
1,2-Dibromoethane
Concen: 21.872 ug/L
RT: 11.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

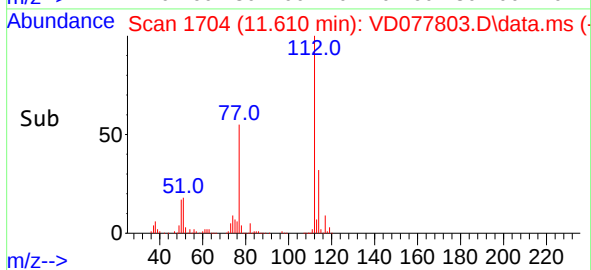
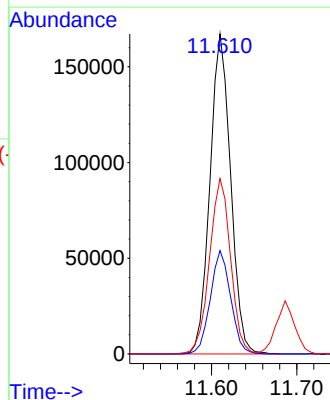
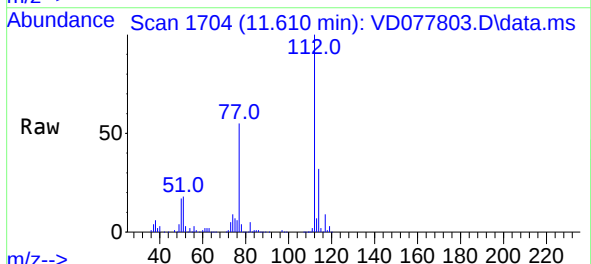
Instrument :
MSVOA_D
ClientSampleId :

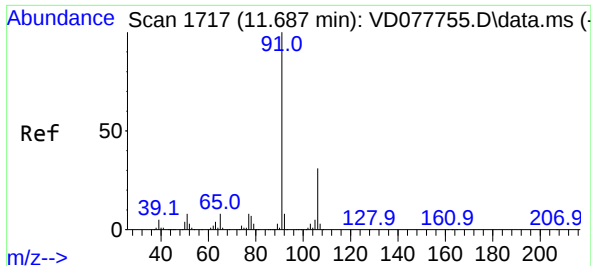
Tgt Ion:107 Resp: 68042
Ion Ratio Lower Upper
107 100
109 93.0 64.2 119.2
188 3.2 2.3 3.5



#51
Chlorobenzene
Concen: 23.268 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:112 Resp: 282315
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 54.8 46.4 69.6

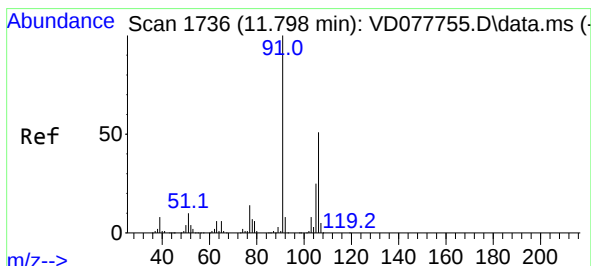
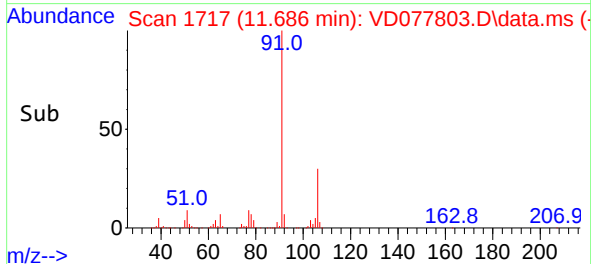
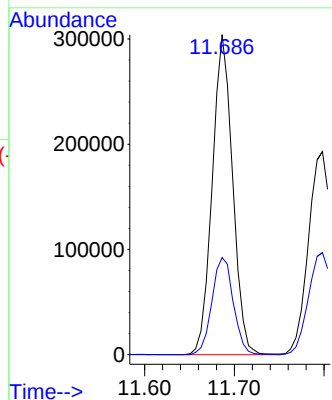
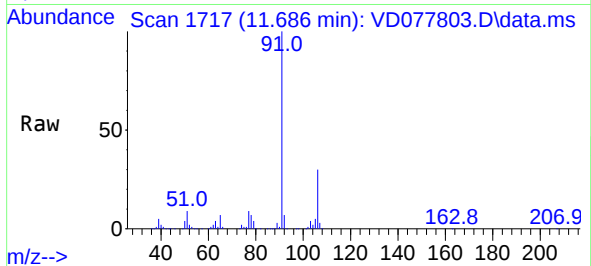




#52
Ethylbenzene
Concen: 22.100 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

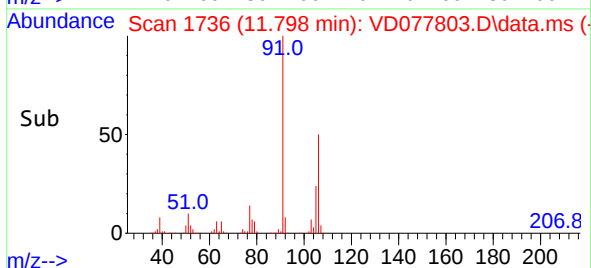
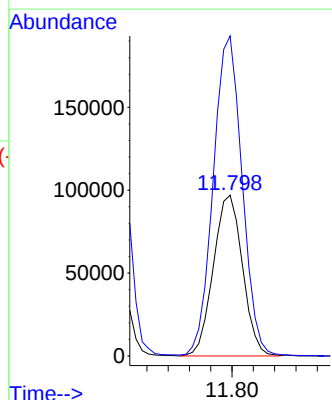
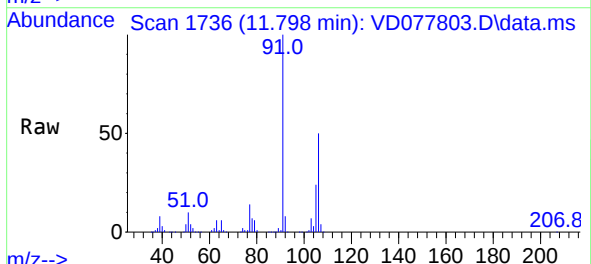
Instrument :
MSVOA_D
ClientSampleId :

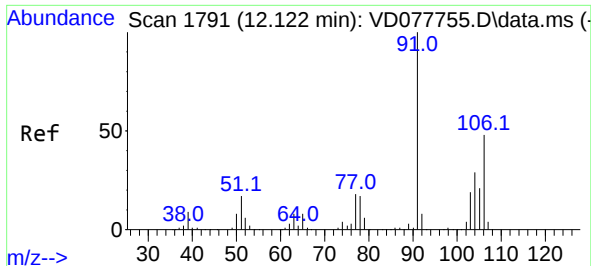
Tgt Ion: 91 Resp: 479366
Ion Ratio Lower Upper
91 100
106 30.3 22.4 41.6



#53
m,p-Xylene
Concen: 22.488 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:106 Resp: 184311
Ion Ratio Lower Upper
106 100
91 198.9 140.8 261.6

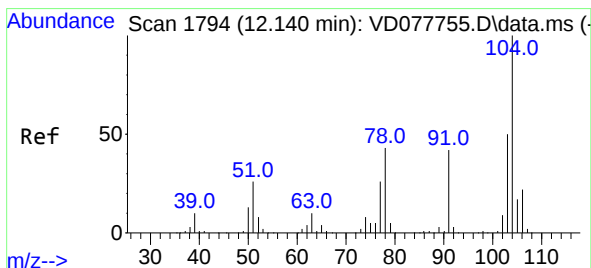
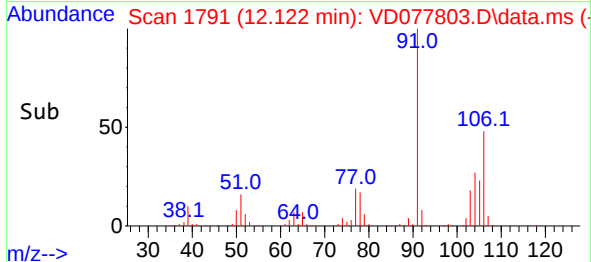
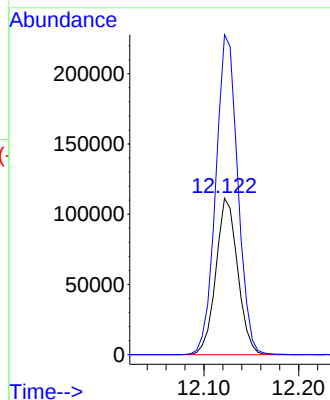
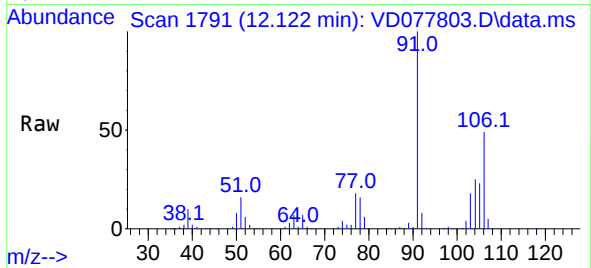




#54
o-Xylene
Concen: 22.743 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

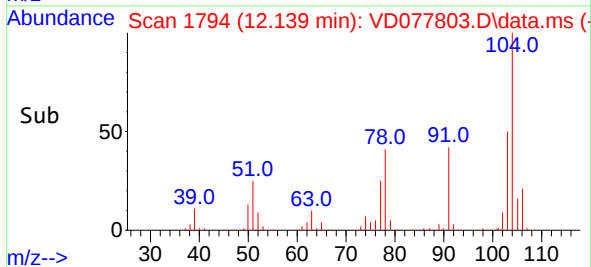
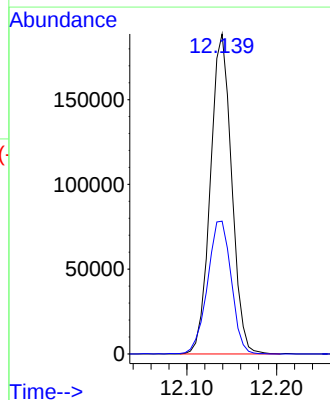
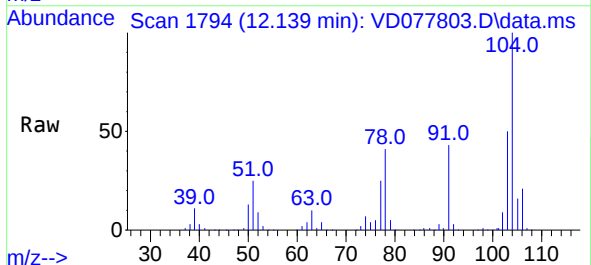
Instrument :
MSVOA_D
ClientSampleId :

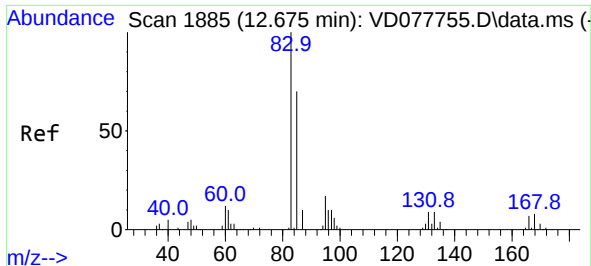
Tgt Ion:106 Resp: 178395
Ion Ratio Lower Upper
106 100
91 204.5 152.2 282.7



#55
Styrene
Concen: 22.606 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:104 Resp: 310269
Ion Ratio Lower Upper
104 100
78 41.5 30.9 57.5

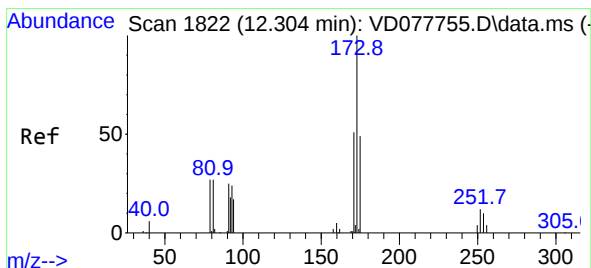
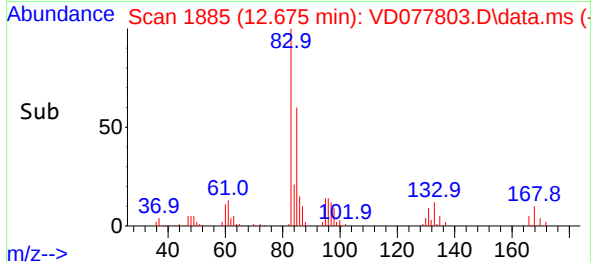
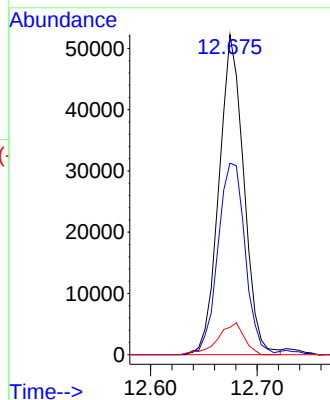
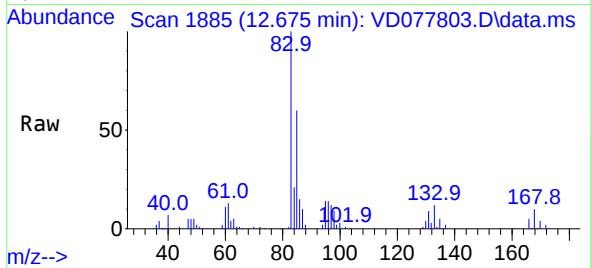




#57
1,1,2,2-Tetrachloroethane
Concen: 22.116 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

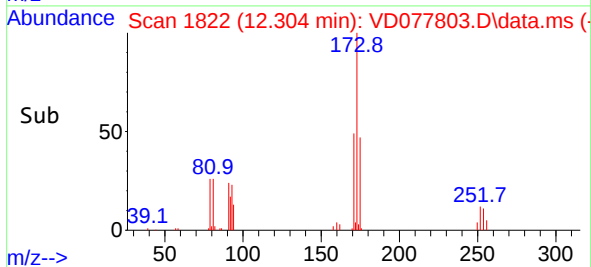
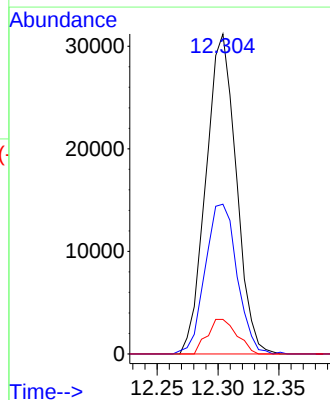
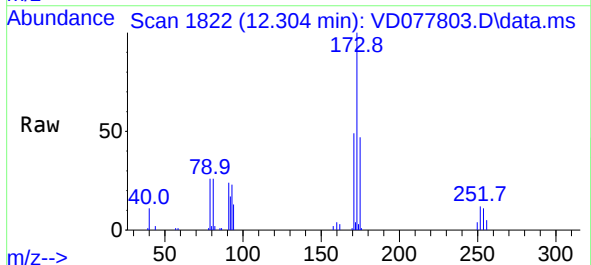
Instrument :
MSVOA_D
ClientSampleId :

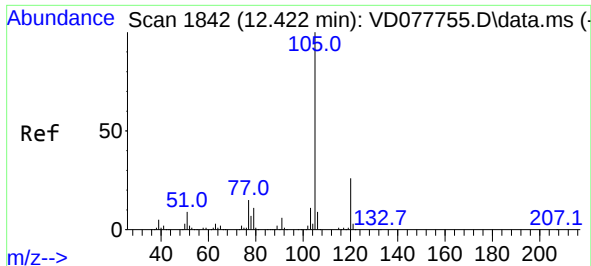
Tgt Ion:	83	Resp:	84534
Ion	Ratio	Lower	Upper
83	100		
85	59.9	43.3	80.5
131	8.5	7.3	10.9



#59
Bromoform
Concen: 22.585 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

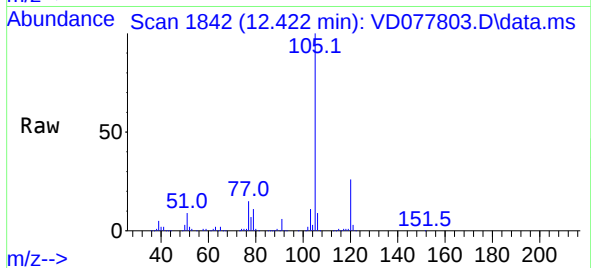
Tgt Ion:	173	Resp:	54023
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.7	58.1
254	10.5	1.8	2.8#



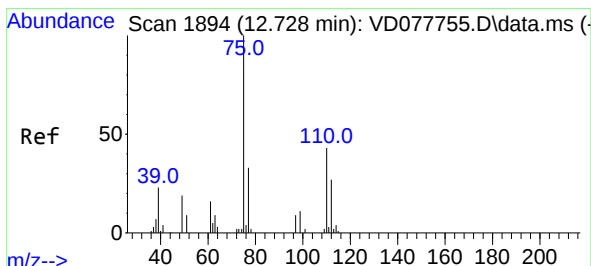
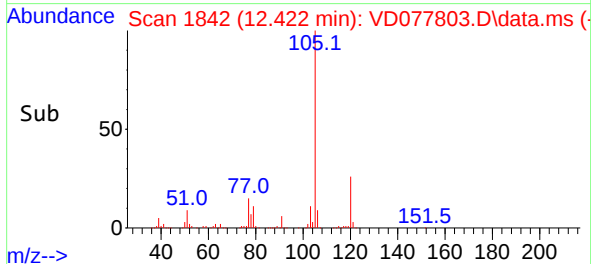
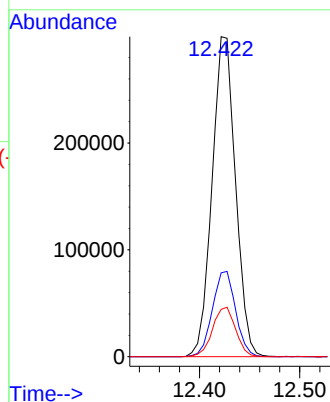


#60
Isopropylbenzene
Concen: 22.559 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

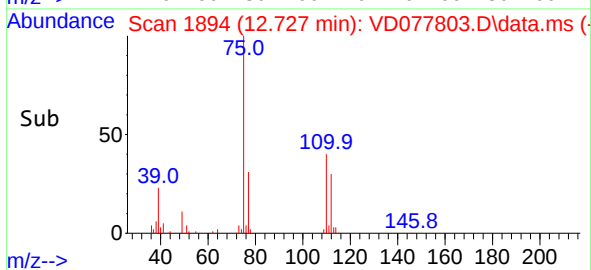
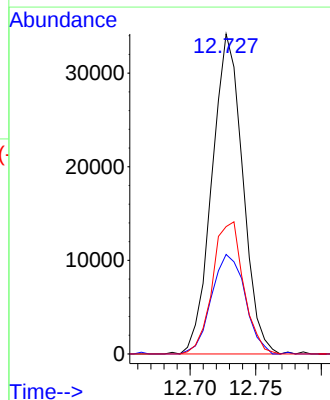
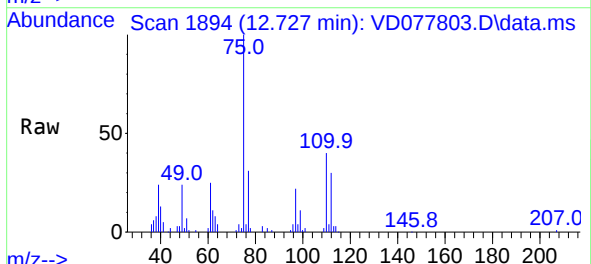


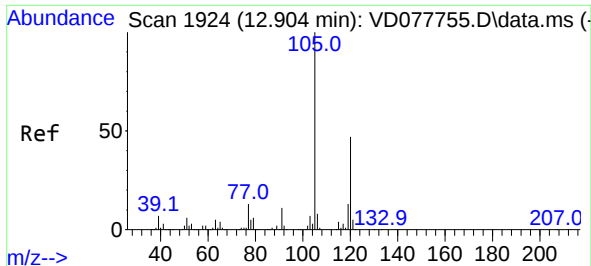
Tgt Ion:105 Resp: 486767
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 20.950 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion: 75 Resp: 55710
Ion Ratio Lower Upper
75 100
77 34.0 26.8 40.2
110 41.7 33.4 50.2





#62

1,3,5-Trimethylbenzene

Concen: 21.959 ug/L

RT: 12.910 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

Instrument :

MSVOA_D

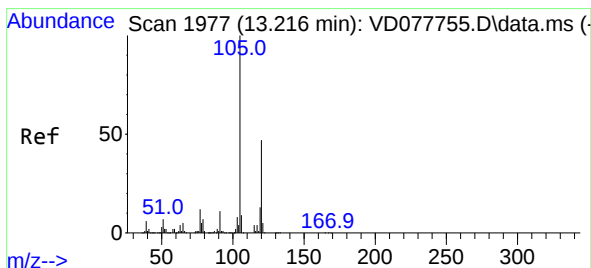
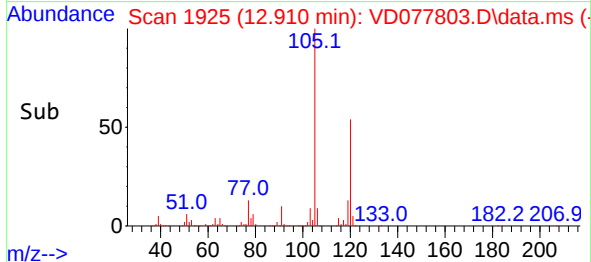
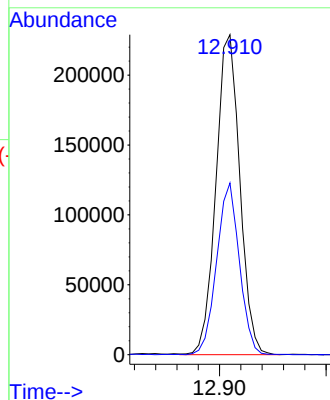
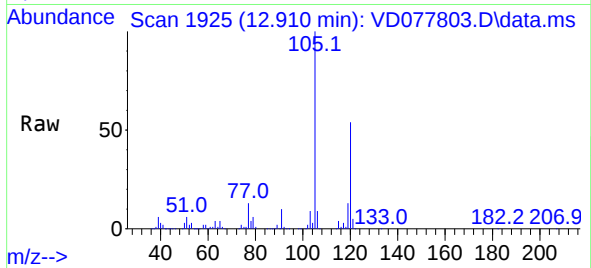
ClientSampleId :

Tgt Ion:105 Resp: 355889

Ion Ratio Lower Upper

105 100

120 51.1 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 22.312 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD077803.D

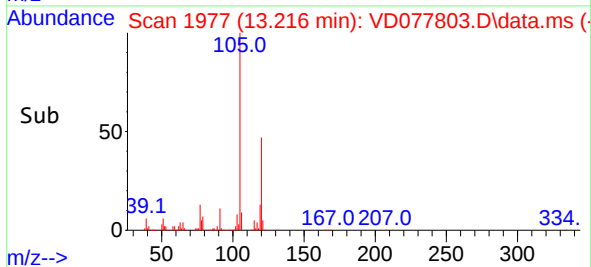
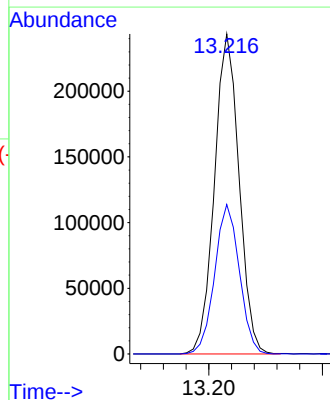
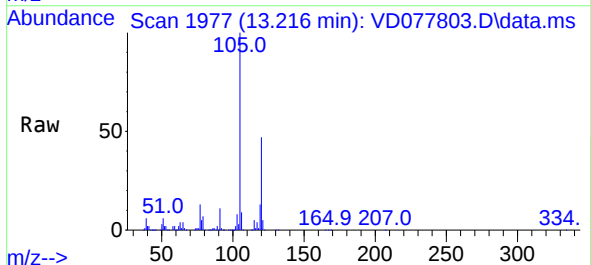
Acq: 11 Dec 2023 09:19

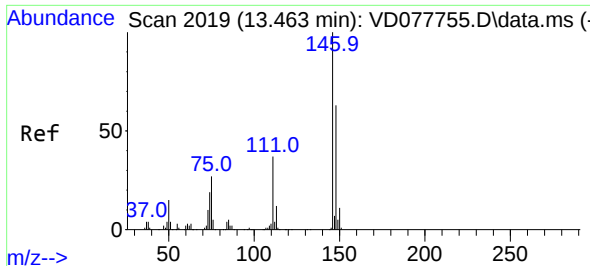
Tgt Ion:105 Resp: 366639

Ion Ratio Lower Upper

105 100

120 46.8 37.1 55.7

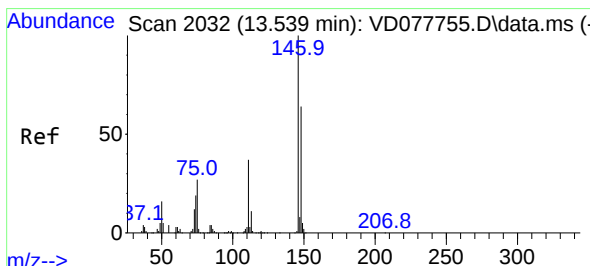
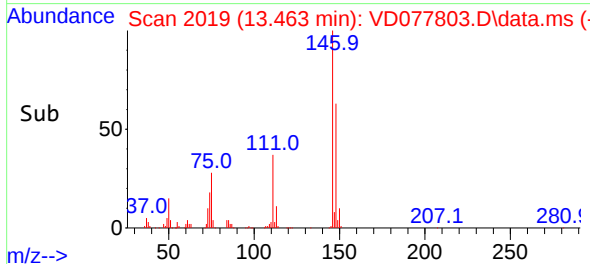
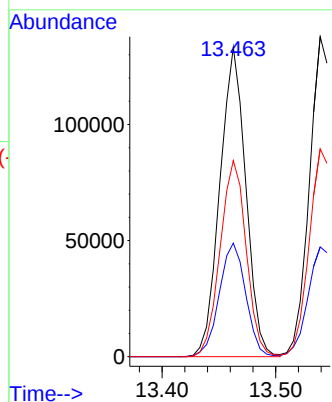
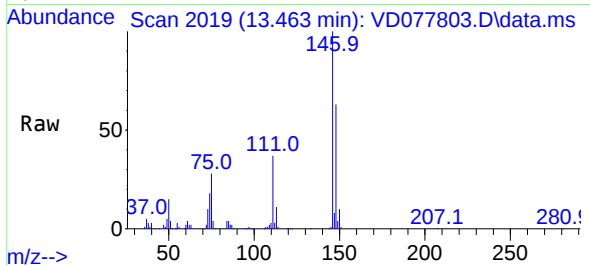




#64
1,3-Dichlorobenzene
Concen: 22.652 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

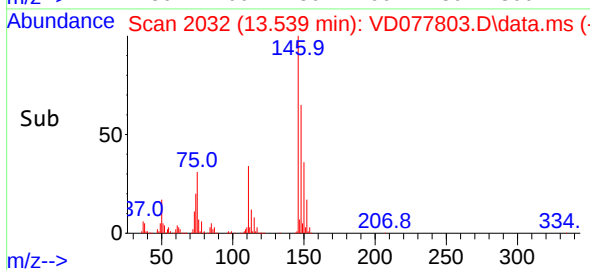
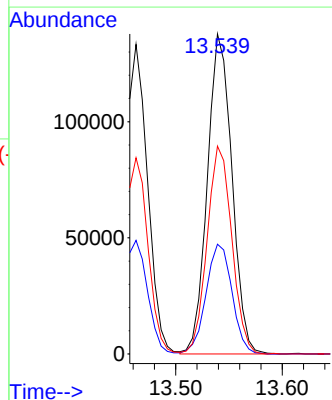
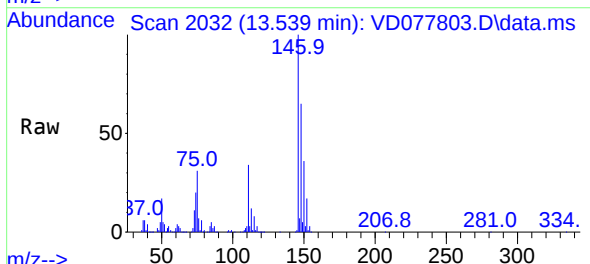
Instrument :
MSVOA_D
ClientSampleId :

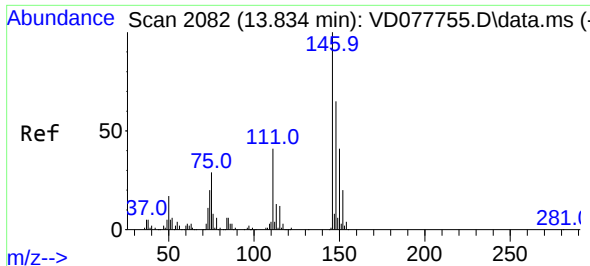
Tgt Ion:146 Resp: 211389
Ion Ratio Lower Upper
146 100
111 36.7 26.6 49.4
148 63.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 22.845 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:146 Resp: 221220
Ion Ratio Lower Upper
146 100
111 34.3 26.4 49.0
148 65.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 22.612 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :

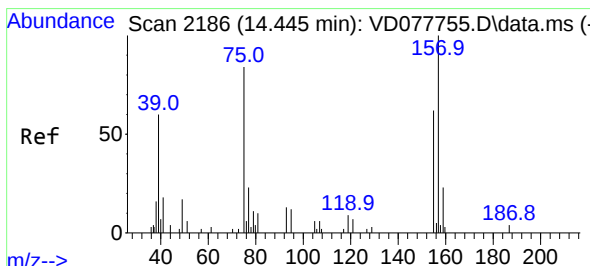
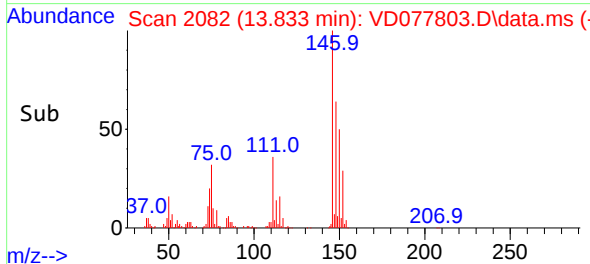
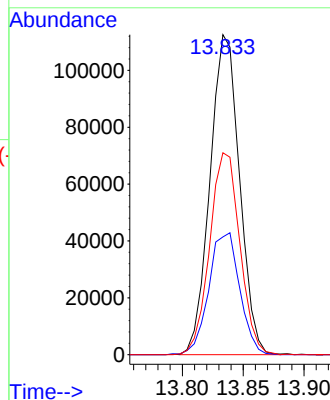
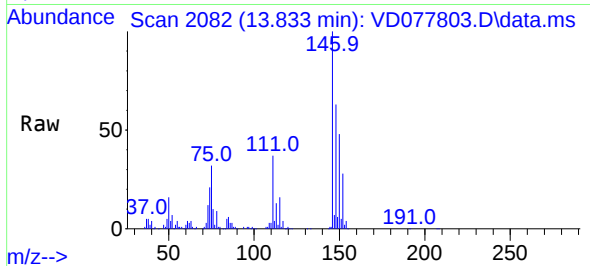
Tgt Ion:146 Resp: 189877

Ion Ratio Lower Upper

146 100

111 36.8 31.4 47.2

148 63.1 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 19.108 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

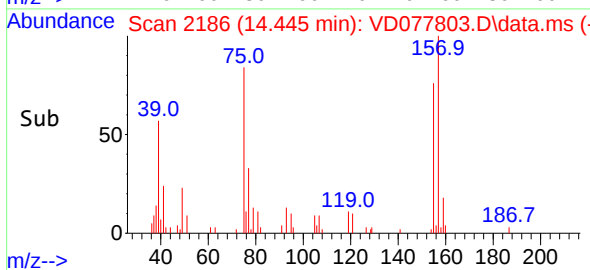
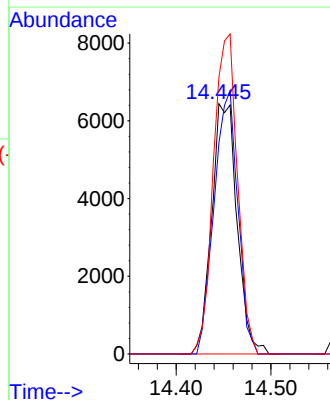
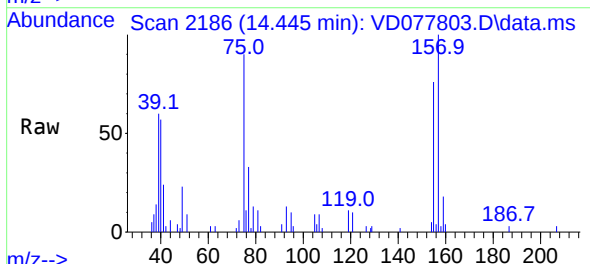
Tgt Ion: 75 Resp: 11981

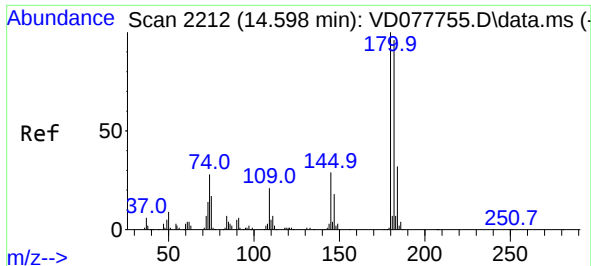
Ion Ratio Lower Upper

75 100

155 84.4 69.2 103.8

157 110.7 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 23.002 ug/L

RT: 14.598 min Scan# 21

Delta R.T. -0.000 min

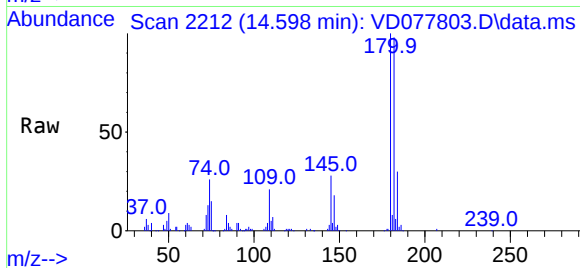
Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 146166

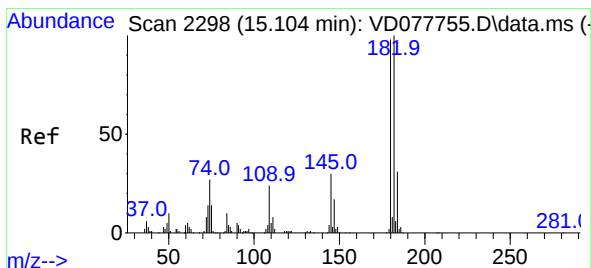
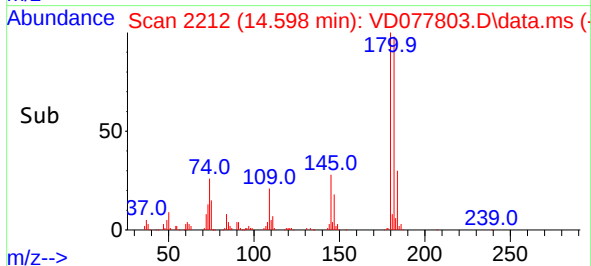
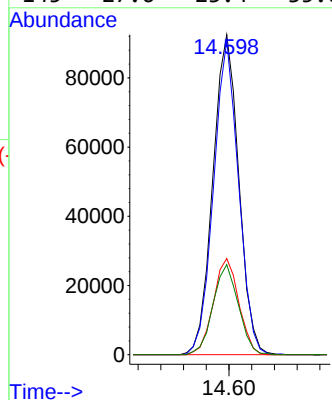
Ion Ratio Lower Upper

180 100

182 94.3 77.0 115.4

184 29.5 24.3 36.5

145 27.6 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 22.405 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077803.D

Acq: 11 Dec 2023 09:19

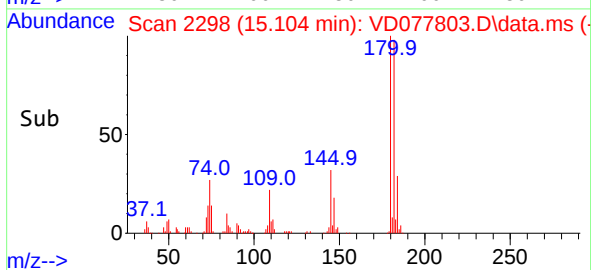
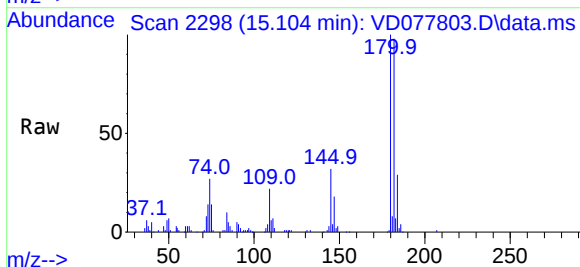
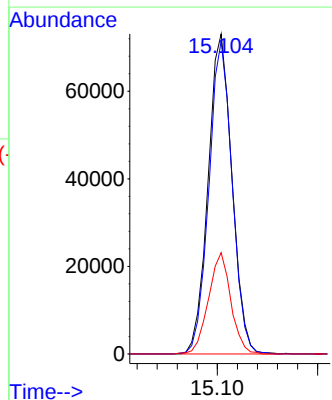
Tgt Ion:180 Resp: 120862

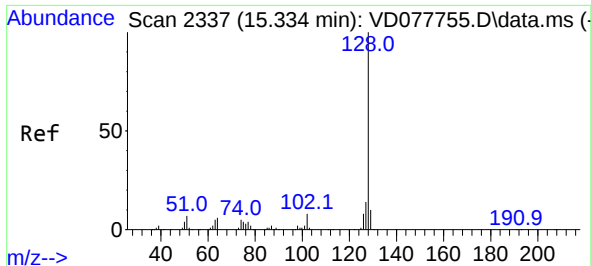
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.6

145 29.7 23.9 35.9



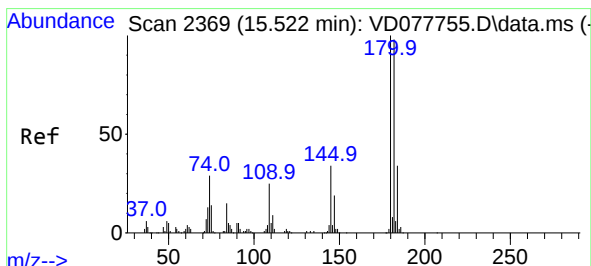
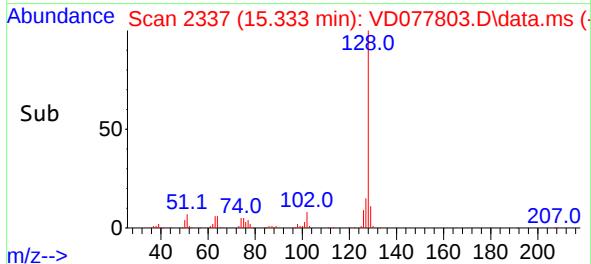
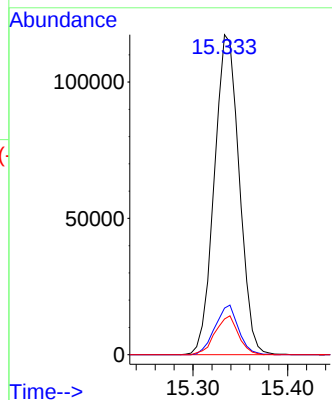
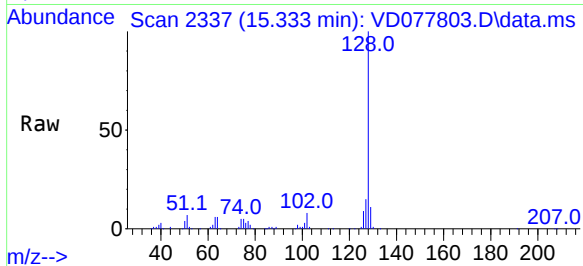


#71
Naphthalene
Concen: 21.801 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 215001

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.5	15.7
129	11.3	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.395 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077803.D
Acq: 11 Dec 2023 09:19

Tgt Ion:180 Resp: 105909

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.3	115.9
145	30.7	25.2	37.8

