

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121123\
 Data File : VD077809.D
 Acq On : 11 Dec 2023 12:48
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 13:04:24 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	279506	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	259583	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	117927	15.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.880%
7) Chloroethane-d5	2.811	69	113075	18.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
11) 1,1-Dichloroethene-d2	3.928	65	33128	16.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.040%
21) 2-Butanone-d5	6.987	46	42715	44.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.680%
24) Chloroform-d	7.569	84	171301	22.740	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.234	65	85414	22.378	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.520%
32) Benzene-d6	8.204	84	340553	21.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.120%
36) 1,2-Dichloropropane-d6	9.216	67	104076	21.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	10.269	98	307924	21.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	10.528	79	46188	21.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.600%
47) 2-Hexanone-d5	10.875	63	35605	43.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85009	24.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	111121	22.777	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	97641	21.882	ug/L	97
3) Chloromethane	2.152	50	130360	20.336	ug/L	98
5) Vinyl chloride	2.287	62	174511	21.856	ug/L	98
6) Bromomethane	2.705	94	84664	20.015	ug/L	92
8) Chloroethane	2.846	64	114519	22.977	ug/L	99
9) Trichlorofluoromethane	3.187	101	156986	23.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	96912	24.123	ug/L	98
12) 1,1-Dichloroethene	3.946	96	89104	23.436	ug/L	88
13) Acetone	4.022	43	49852	40.390	ug/L	94
14) Carbon disulfide	4.281	76	291626	21.644	ug/L	98
15) Methyl Acetate	4.563	43	35755	20.236	ug/L	95
16) Methylene chloride	4.805	84	102217	20.596	ug/L	96
17) trans-1,2-Dichloroethene	5.322	96	98115	24.751	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	214473	24.543	ug/L	97
19) 1,1-Dichloroethane	6.122	63	181423	24.283	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	110181	25.012	ug/L	95
22) 2-Butanone	7.087	43	54944	39.551	ug/L #	61
23) Bromochloromethane	7.434	128	46928	25.588	ug/L #	86
25) Chloroform	7.599	83	184407	25.071	ug/L	95

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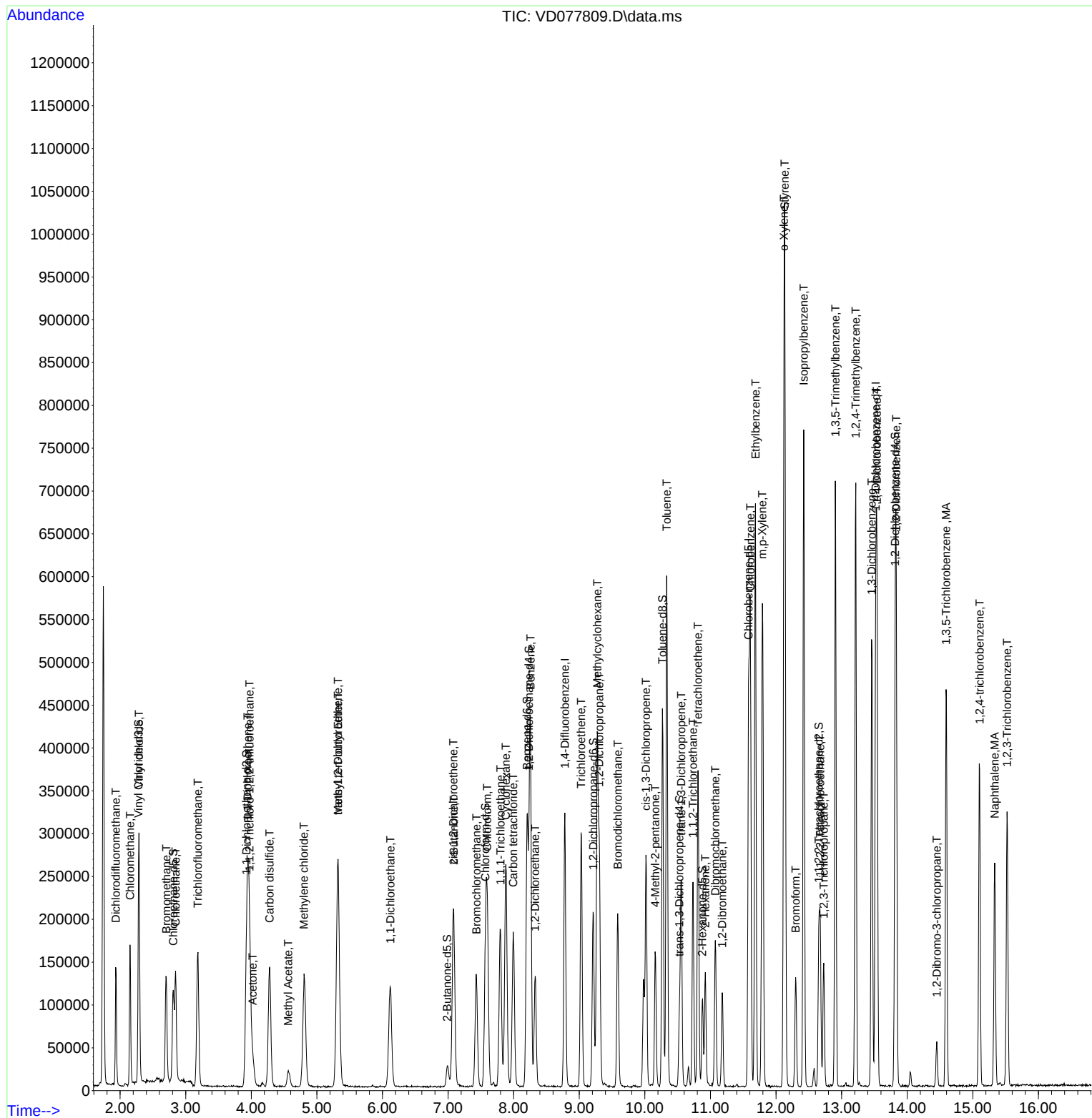
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	111929	24.328	ug/L	98
29) Cyclohexane	7.881	56	146985	21.458	ug/L	91
30) 1,1,1-Trichloroethane	7.799	97	155776	24.524	ug/L	99
31) Carbon tetrachloride	7.993	117	139296	24.937	ug/L	100
33) Benzene	8.257	78	413662	24.483	ug/L	100
34) Trichloroethene	9.028	95	106558	25.407	ug/L	95
35) Methylcyclohexane	9.275	83	171647	23.053	ug/L	94
37) 1,2-Dichloropropane	9.304	63	106206	24.109	ug/L	100
38) Bromodichloromethane	9.587	83	134867	25.176	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	166478	24.200	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	104891	43.149	ug/L	94
42) Toluene	10.334	91	449639	25.055	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	140859	24.515	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	77581	26.223	ug/L	97
46) Tetrachloroethene	10.810	164	85700	25.341	ug/L	98
48) 2-Hexanone	10.922	43	83615	40.468	ug/L #	94
49) Dibromochloromethane	11.075	129	91001	25.868	ug/L	95
50) 1,2-Dibromoethane	11.181	107	72196	25.303	ug/L #	100
51) Chlorobenzene	11.610	112	288725	25.946	ug/L	93
52) Ethylbenzene	11.687	91	494876	24.876	ug/L	99
53) m,p-Xylene	11.792	106	188668	25.099	ug/L	99
54) o-Xylene	12.122	106	186526	25.928	ug/L	95
55) Styrene	12.134	104	327972	26.054	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	87699	25.017	ug/L	95
59) Bromoform	12.298	173	57535	25.499	ug/L #	99
60) Isopropylbenzene	12.422	105	497137	24.424	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	59036	23.535	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	370766	24.253	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	378598	24.425	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	221369	25.148	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	231770	25.374	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	199284	25.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12793	21.629	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	148718	24.811	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	124688	24.503	ug/L	99
71) Naphthalene	15.333	128	223498	24.024	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	109764	24.606	ug/L	98

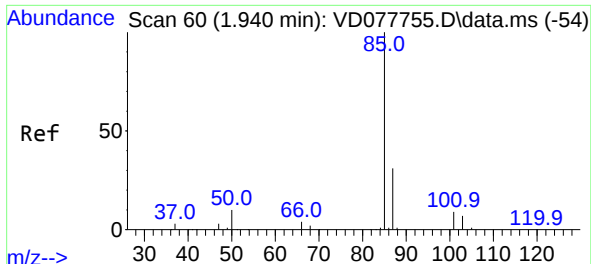
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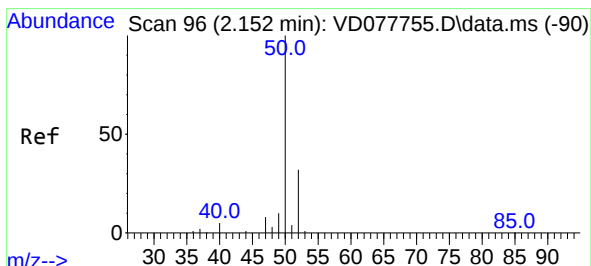
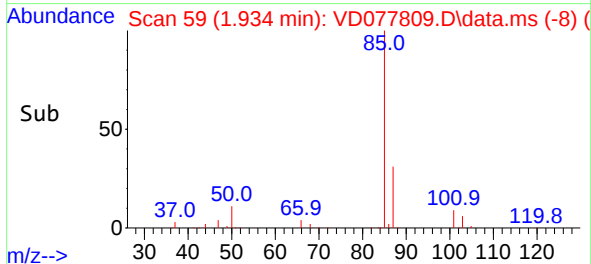
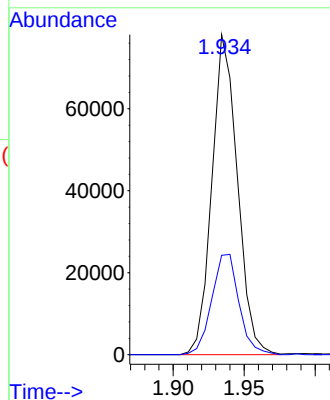
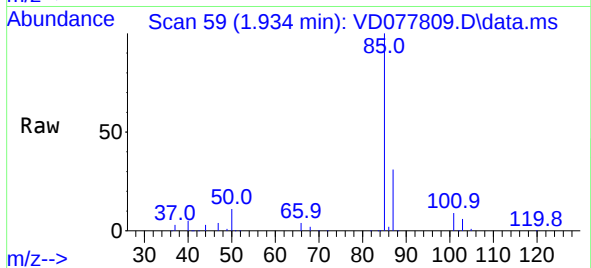




#2
Dichlorodifluoromethane
Concen: 21.882 ug/L
RT: 1.934 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

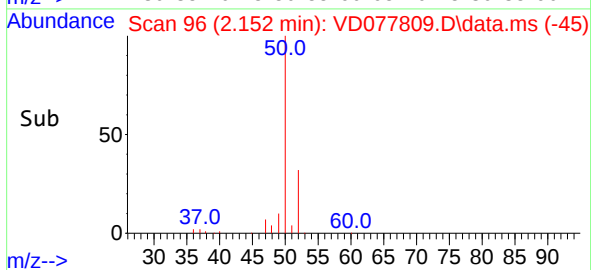
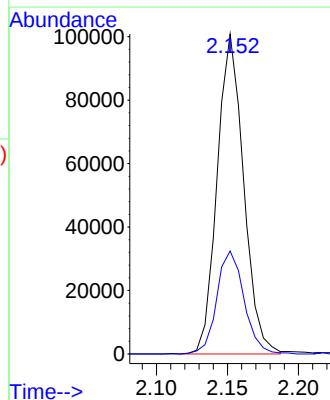
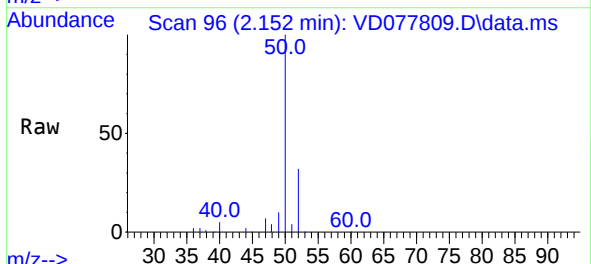
Instrument :
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ClientSampleId :

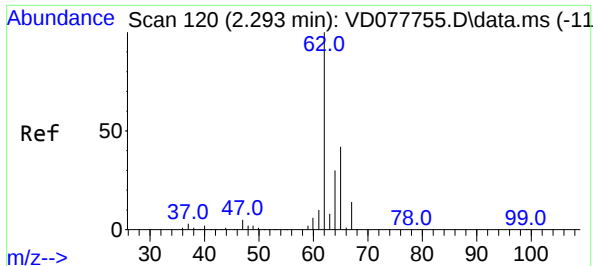
Tgt Ion: 85 Resp: 97641
Ion Ratio Lower Upper
85 100
87 33.6 25.6 38.4



#3
Chloromethane
Concen: 20.336 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 50 Resp: 130360
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.2

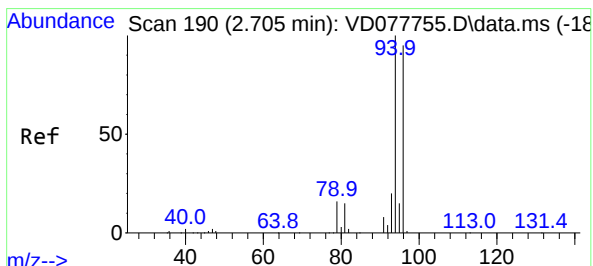
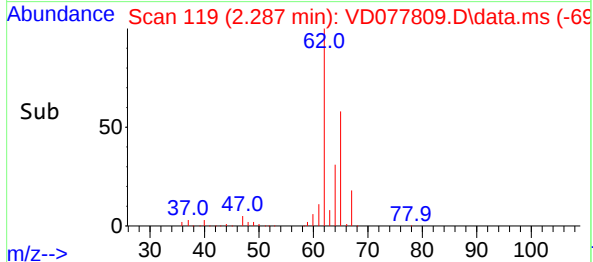
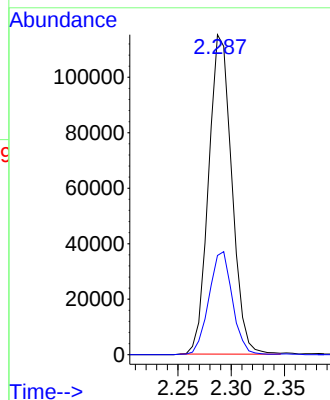
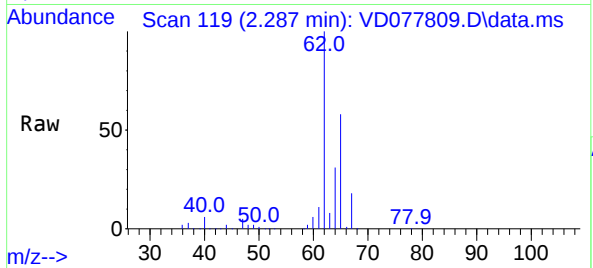




#5
 Vinyl chloride
 Concen: 21.856 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077809.D
 Acq: 11 Dec 2023 12:48

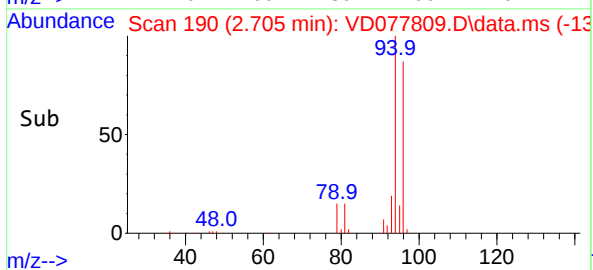
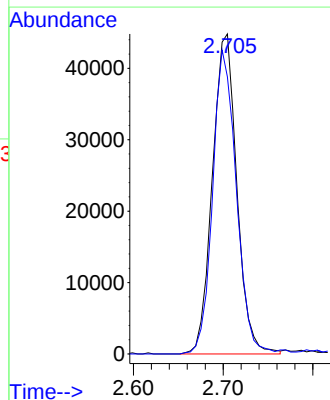
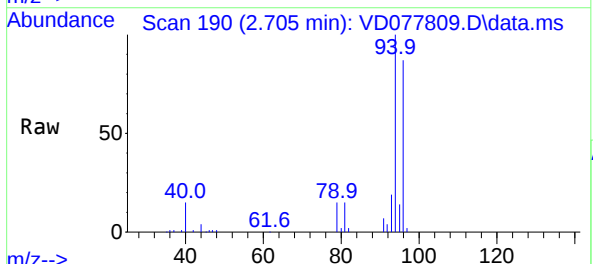
Instrument :
 MSVOA_D
 ClientSampleId :

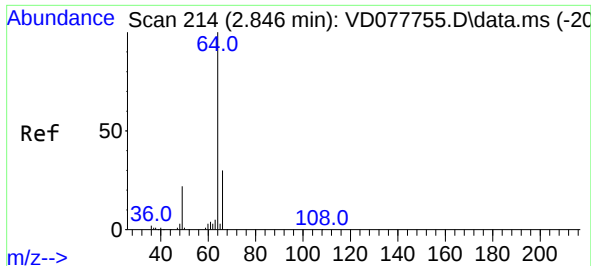
Tgt Ion: 62 Resp: 174511
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.6 42.0



#6
 Bromomethane
 Concen: 20.015 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. -0.000 min
 Lab File: VD077809.D
 Acq: 11 Dec 2023 12:48

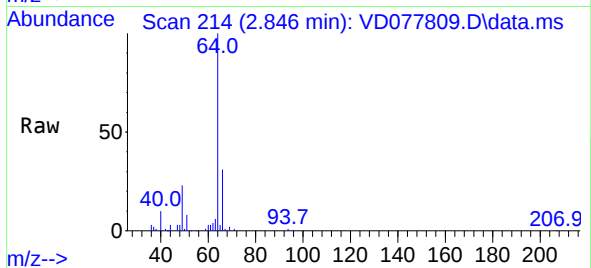
Tgt Ion: 94 Resp: 84664
 Ion Ratio Lower Upper
 94 100
 96 86.6 66.0 122.6



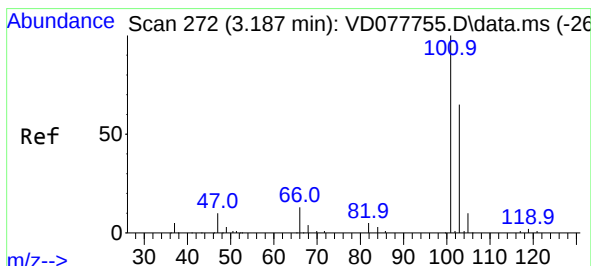
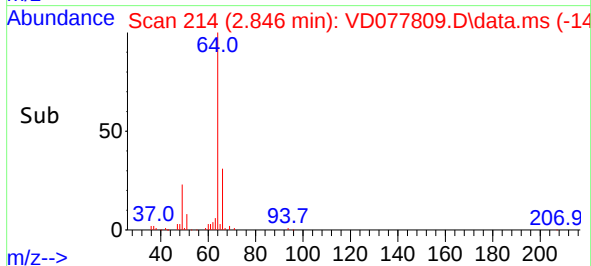
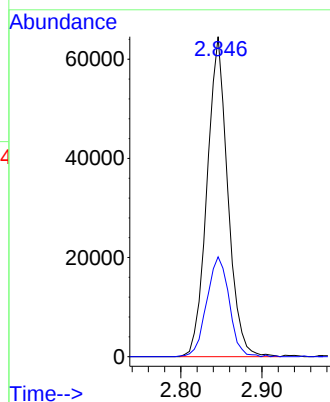


#8
Chloroethane
Concen: 22.977 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

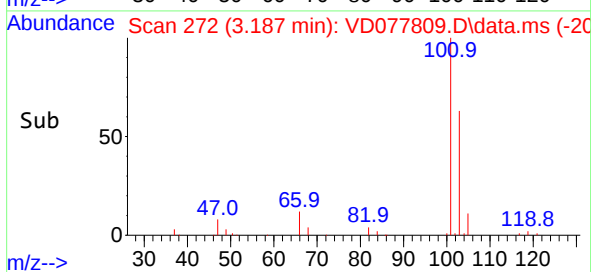
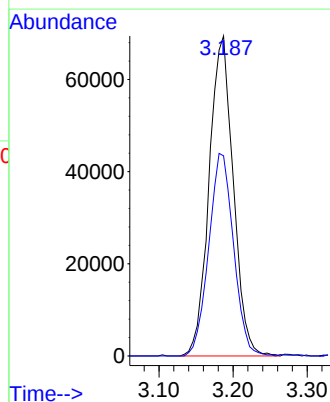
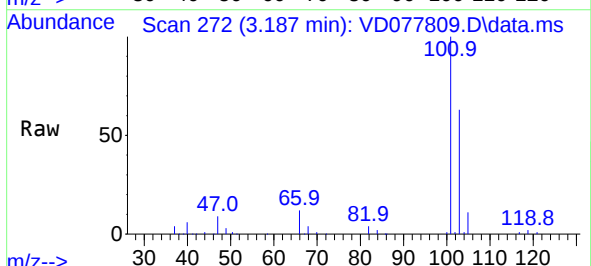


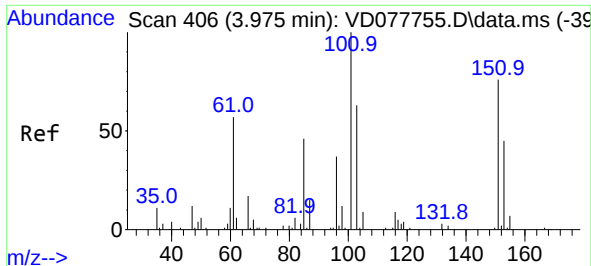
Tgt Ion: 64 Resp: 114519
Ion Ratio Lower Upper
64 100
66 31.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.052 ug/L
RT: 3.187 min Scan# 272
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:101 Resp: 156986
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

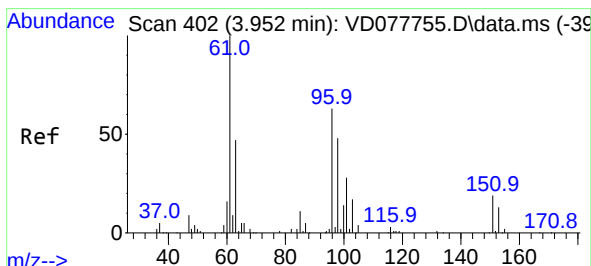
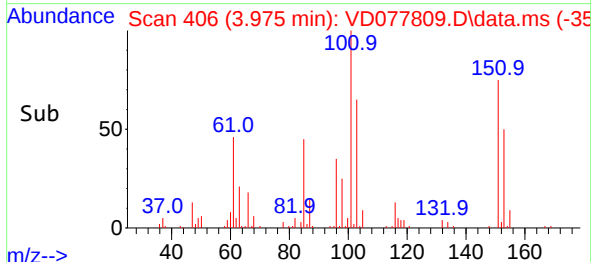
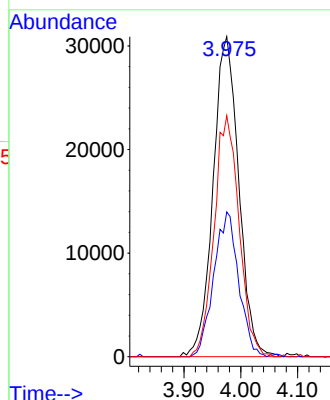
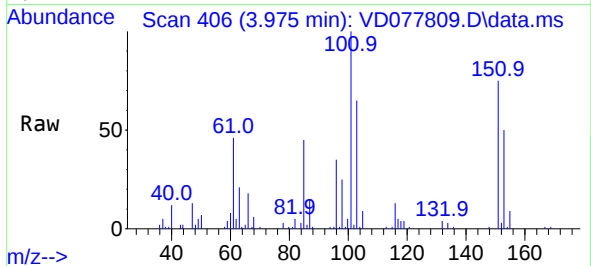




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.123 ug/L
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

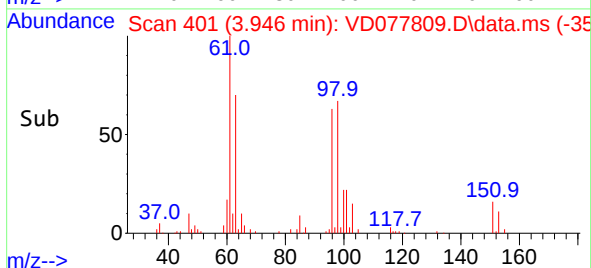
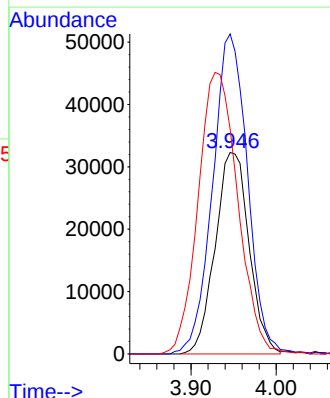
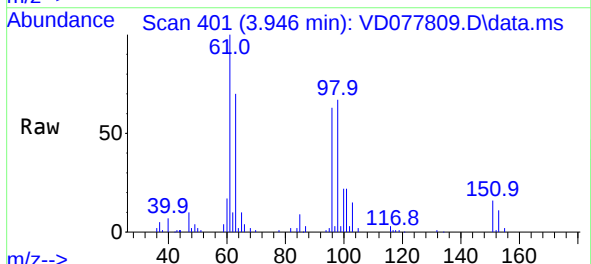
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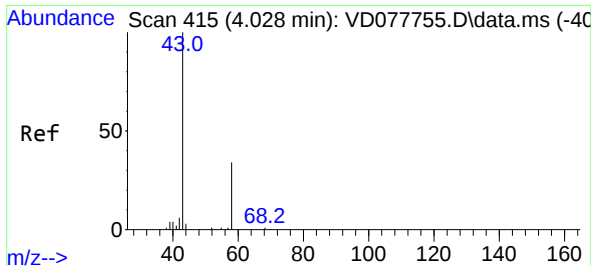
Tgt Ion:101 Resp: 96912
Ion Ratio Lower Upper
101 100
85 43.7 35.8 53.6
151 73.0 57.0 85.6



#12
1,1-Dichloroethene
Concen: 23.436 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 96 Resp: 89104
Ion Ratio Lower Upper
96 100
61 158.8 108.6 201.6
63 111.6 60.3 111.9





#13

Acetone

Concen: 40.390 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

Instrument :

MSVOA_D

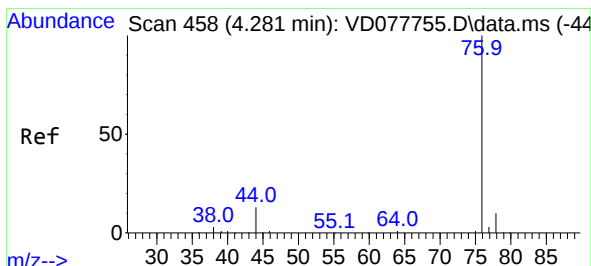
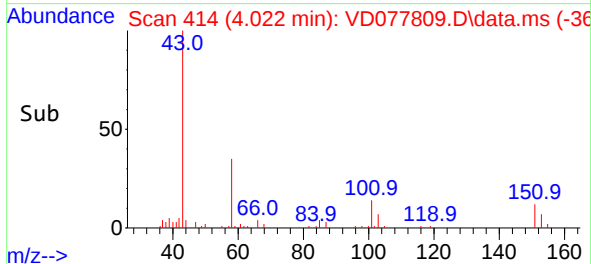
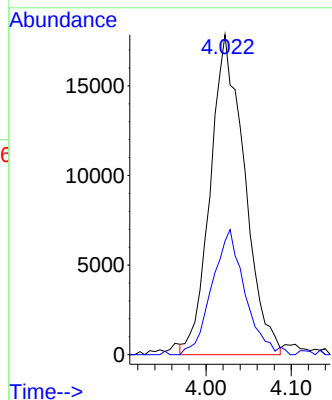
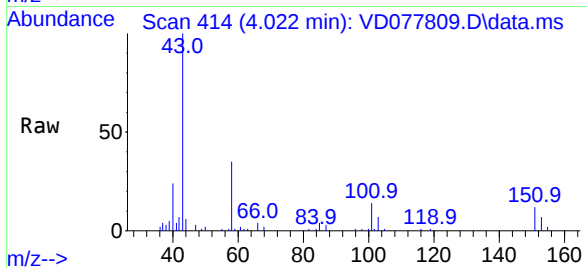
ClientSampleId :

Tgt Ion: 43 Resp: 49852

Ion Ratio Lower Upper

43 100

58 37.0 0.0 67.2



#14

Carbon disulfide

Concen: 21.644 ug/L

RT: 4.281 min Scan# 458

Delta R.T. -0.000 min

Lab File: VD077809.D

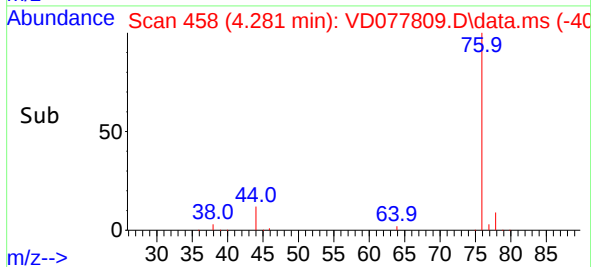
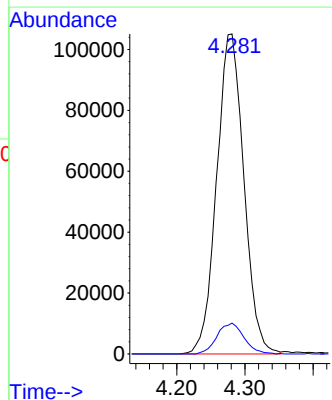
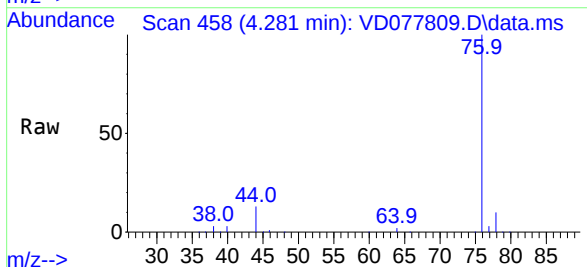
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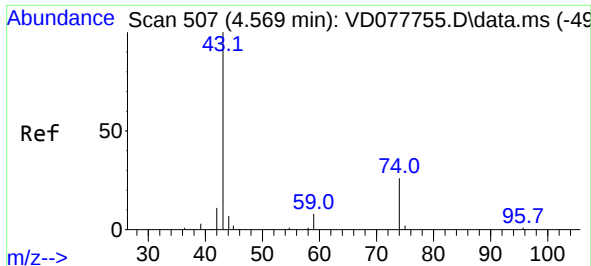
Tgt Ion: 76 Resp: 291626

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

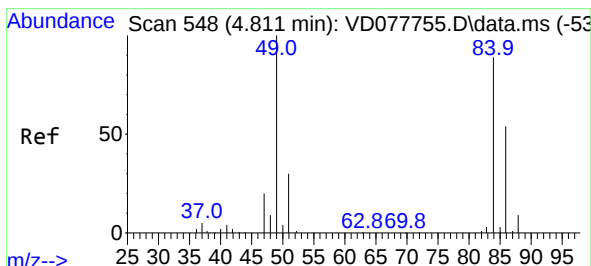
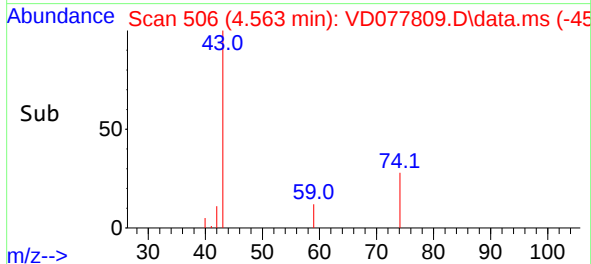
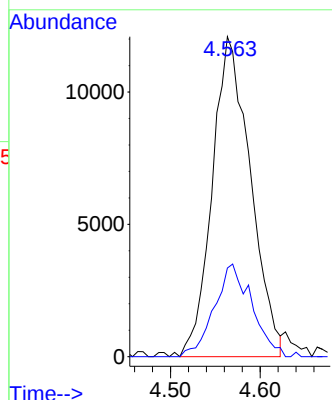
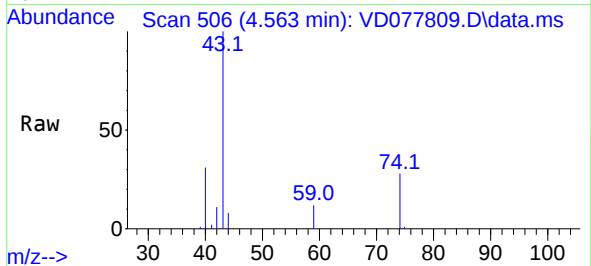




#15
Methyl Acetate
Concen: 20.236 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

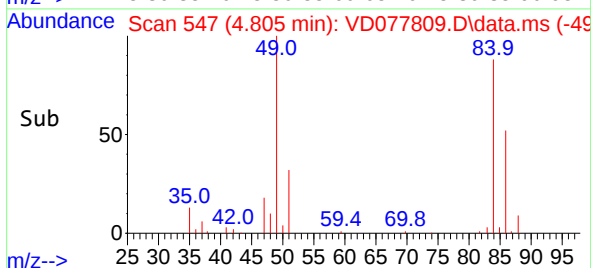
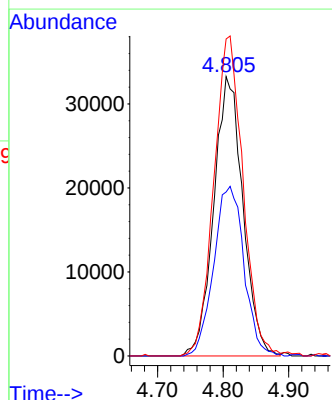
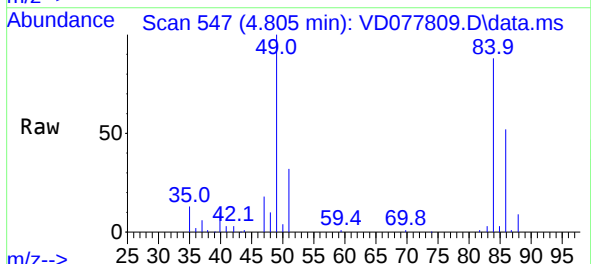
Instrument :
MSVOA_D
ClientSampleId :

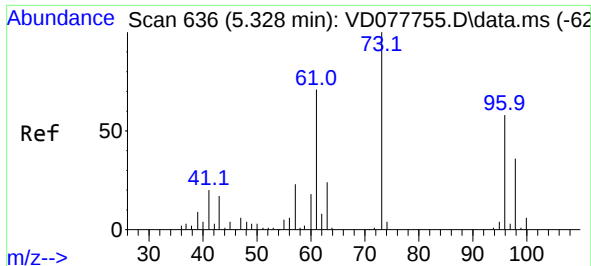
Tgt Ion: 43 Resp: 35755
Ion Ratio Lower Upper
43 100
74 20.7 18.6 27.8



#16
Methylene chloride
Concen: 20.596 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

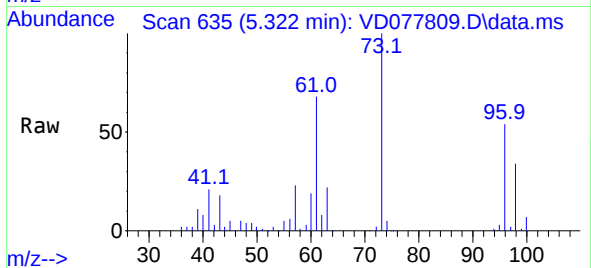
Tgt Ion: 84 Resp: 102217
Ion Ratio Lower Upper
84 100
86 58.7 40.1 74.5
49 113.4 83.2 154.6



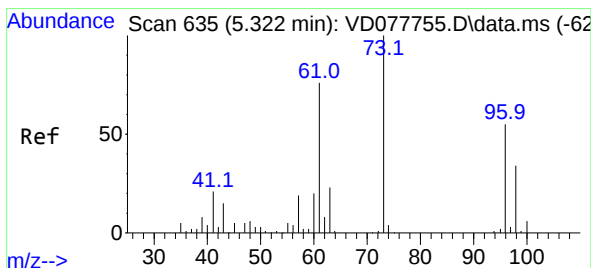
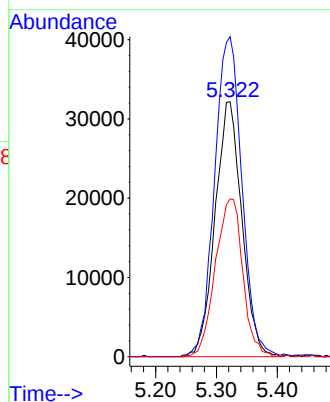
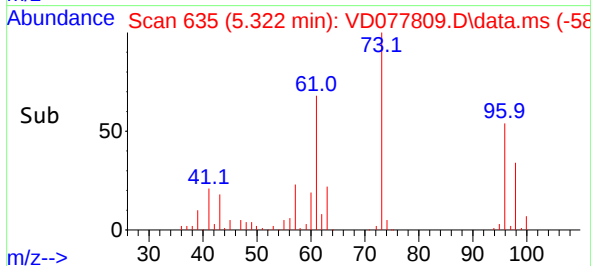


#17
trans-1,2-Dichloroethene
Concen: 24.751 ug/L
RT: 5.322 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

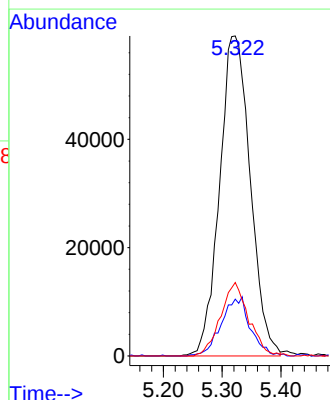
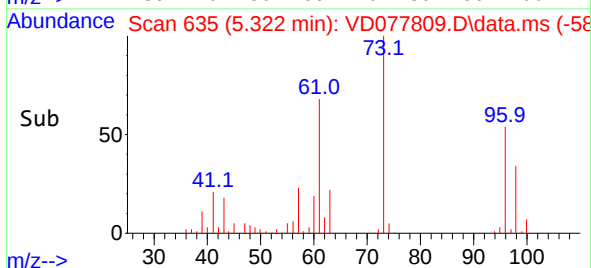
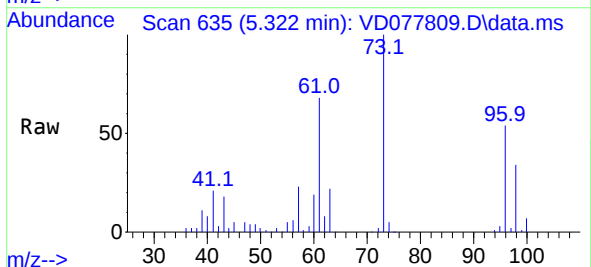


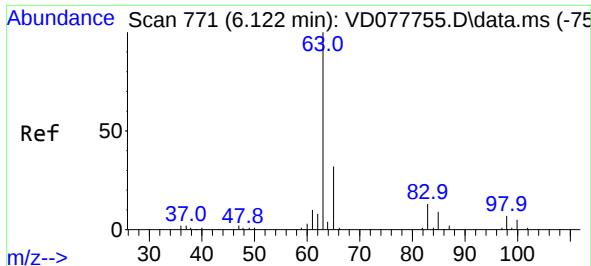
Tgt Ion: 96 Resp: 98115
Ion Ratio Lower Upper
96 100
61 125.5 92.3 171.3
98 61.9 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 24.543 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

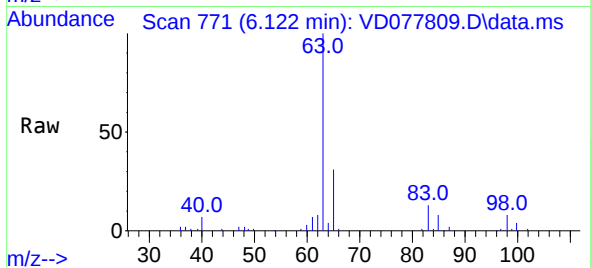
Tgt Ion: 73 Resp: 214473
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.4
57 21.1 18.1 27.1



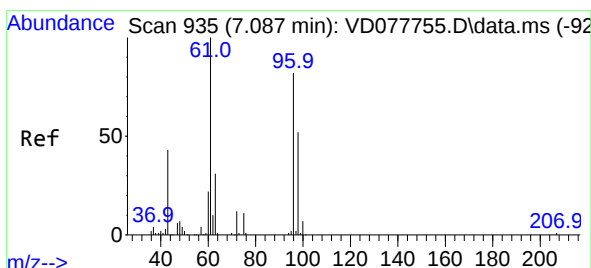
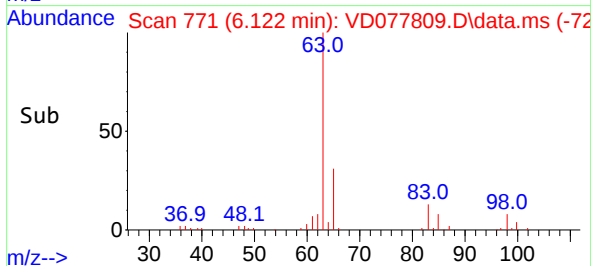
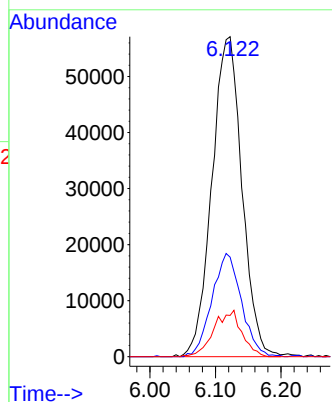


#19
1,1-Dichloroethane
Concen: 24.283 ug/L
RT: 6.122 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

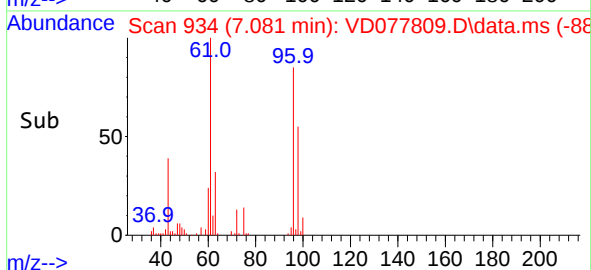
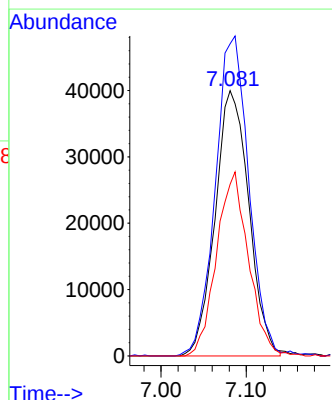
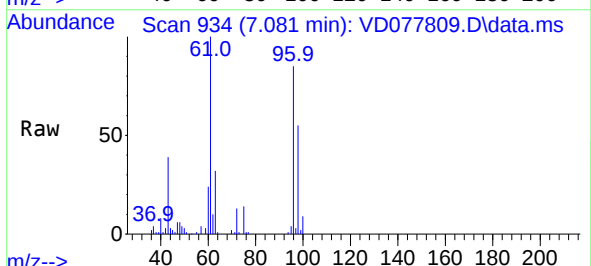


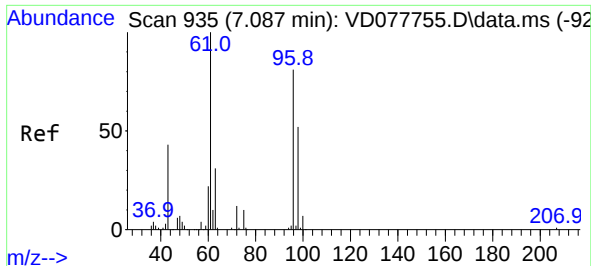
Tgt Ion: 63 Resp: 181423
Ion Ratio Lower Upper
63 100
65 31.1 20.9 38.9
83 12.9 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.012 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 96 Resp: 110181
Ion Ratio Lower Upper
96 100
61 117.7 88.1 163.5
98 64.8 44.1 81.9

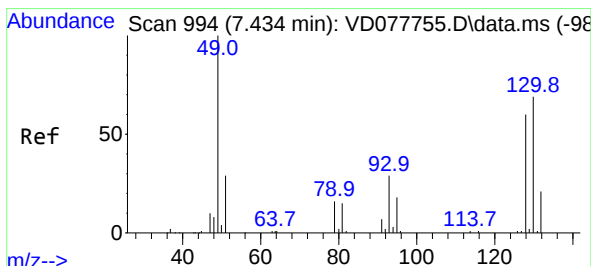
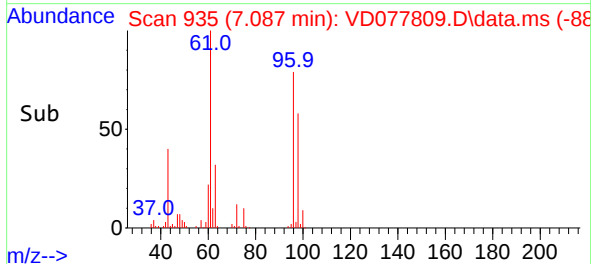
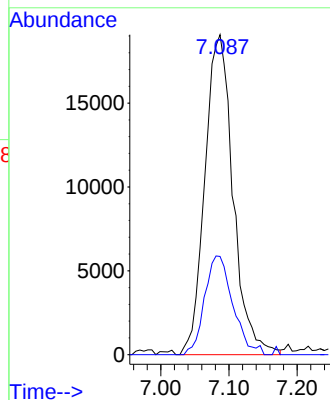
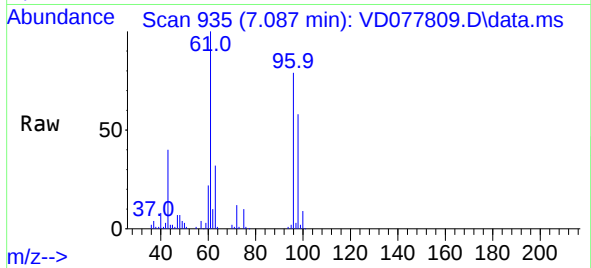




#22
2-Butanone
Concen: 39.551 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

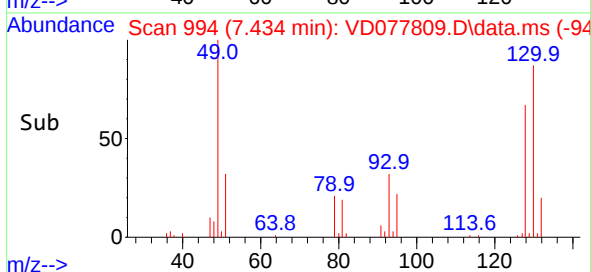
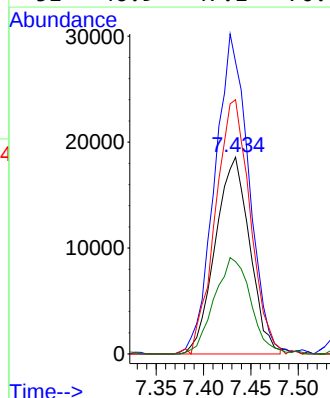
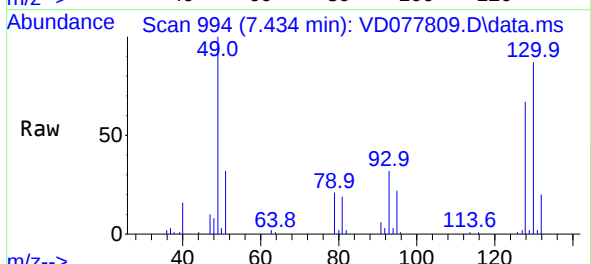
Instrument :
MSVOA_D
ClientSampleId :

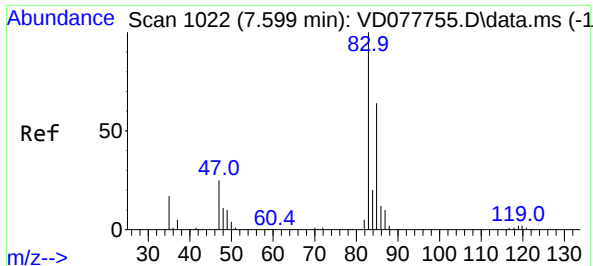
Tgt Ion: 43 Resp: 54944
Ion Ratio Lower Upper
43 100
72 30.5 7.2 21.6#



#23
Bromochloromethane
Concen: 25.588 ug/L
RT: 7.434 min Scan# 994
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:128 Resp: 46928
Ion Ratio Lower Upper
128 100
49 148.3 124.7 231.5
130 129.1 92.3 171.3
51 46.9 47.1 70.7#

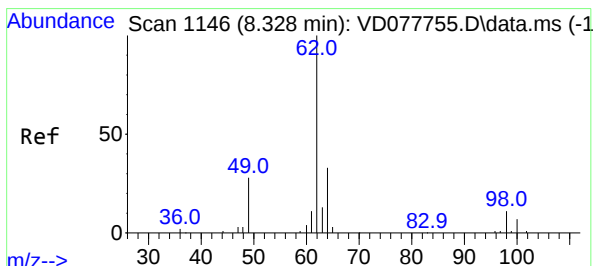
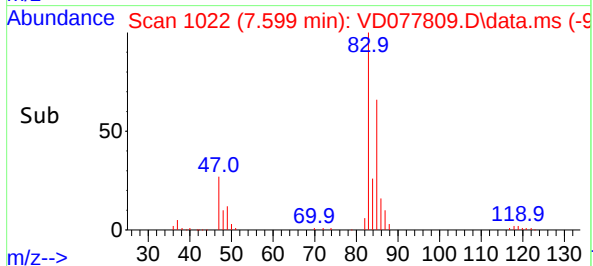
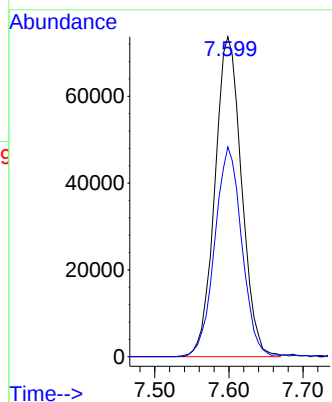
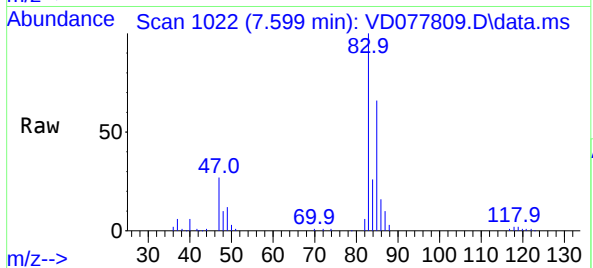




#25
Chloroform
Concen: 25.071 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

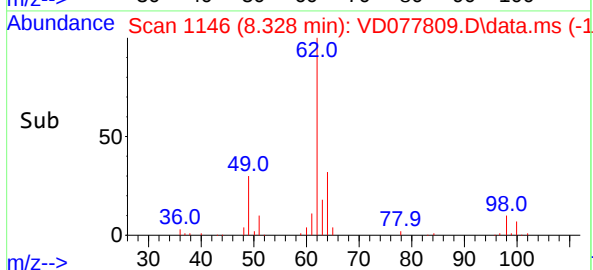
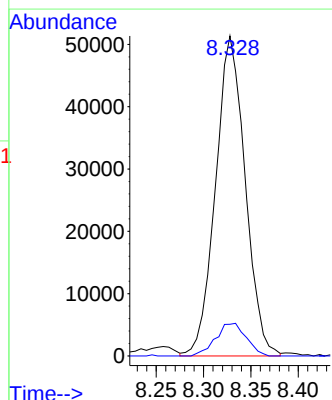
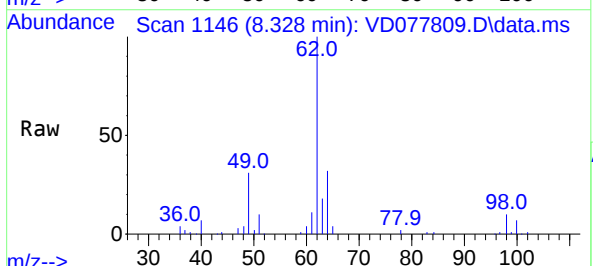
Instrument :
MSVOA_D
ClientSampleId :

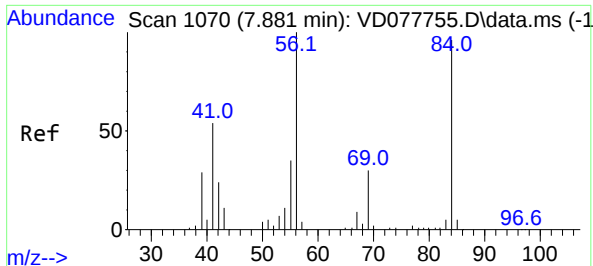
Tgt Ion: 83 Resp: 184407
Ion Ratio Lower Upper
83 100
85 65.6 48.9 90.9



#27
1,2-Dichloroethane
Concen: 24.328 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 62 Resp: 111929
Ion Ratio Lower Upper
62 100
98 9.9 8.4 12.6





#29

Cyclohexane

Concen: 21.458 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

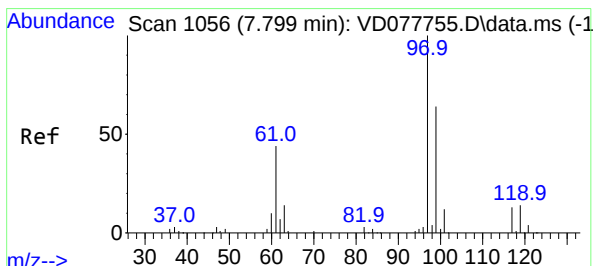
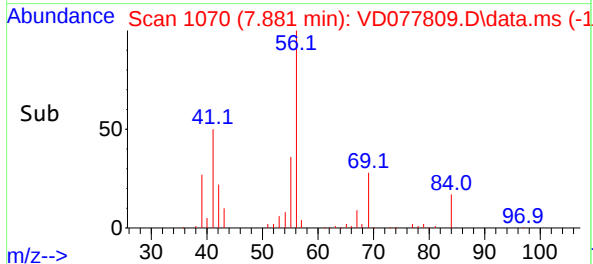
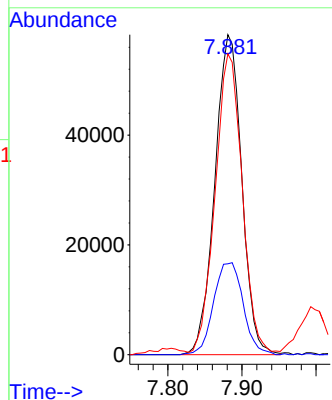
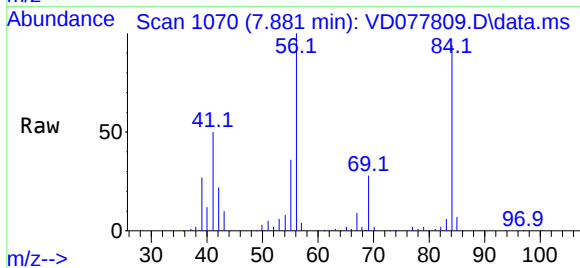
Tgt Ion: 56 Resp: 146985

Ion Ratio Lower Upper

56 100

69 31.5 22.2 33.4

84 94.9 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 24.524 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

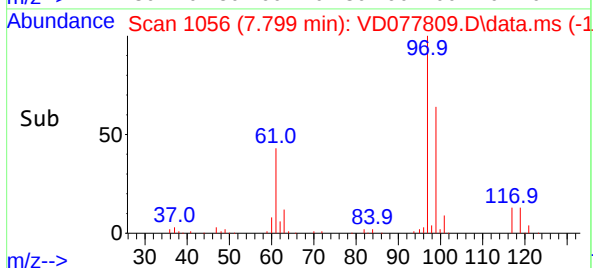
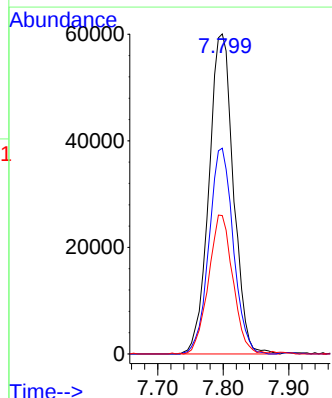
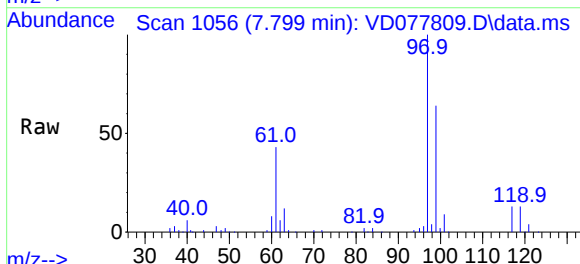
Tgt Ion: 97 Resp: 155776

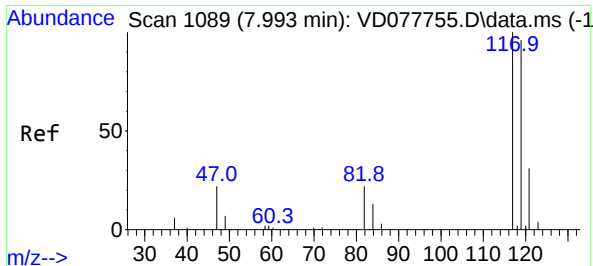
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 43.0 35.4 53.2

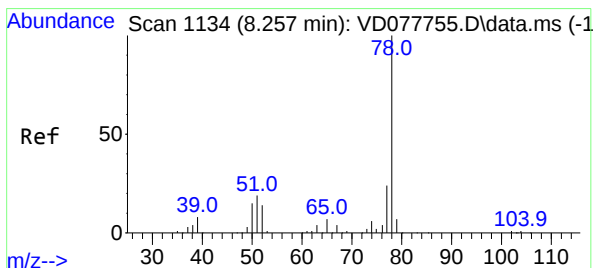
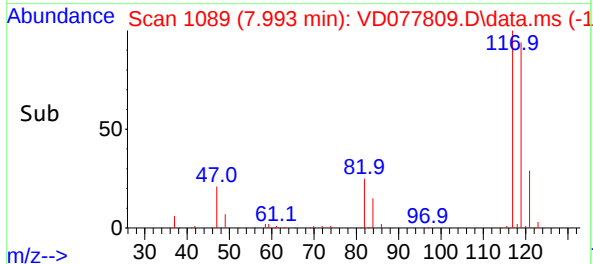
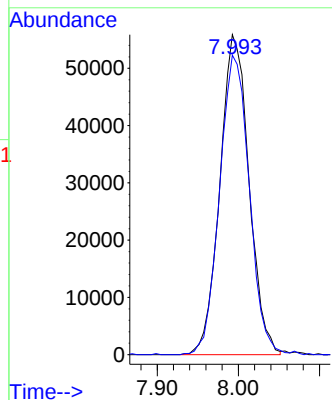
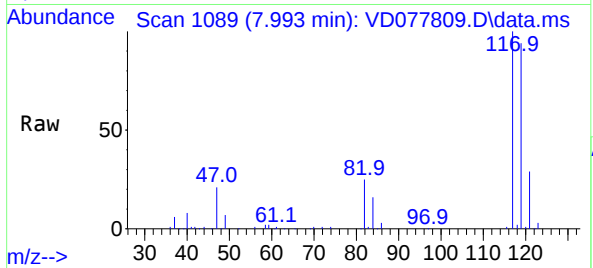




#31
Carbon tetrachloride
Concen: 24.937 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

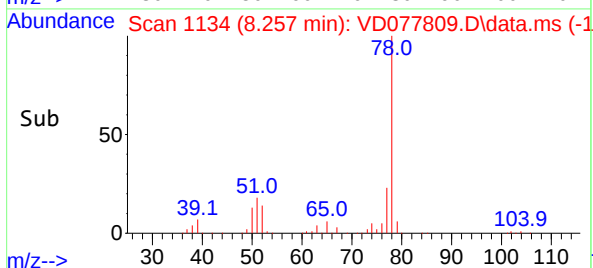
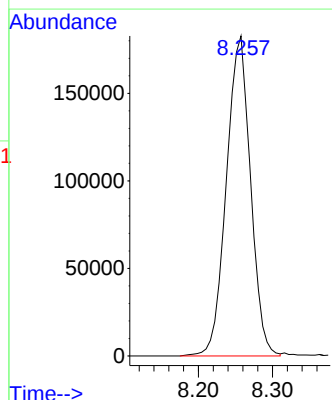
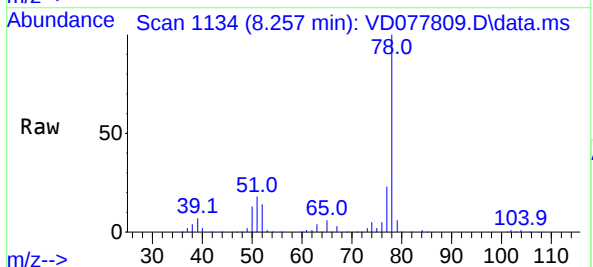
Instrument :
MSVOA_D
ClientSampleId :

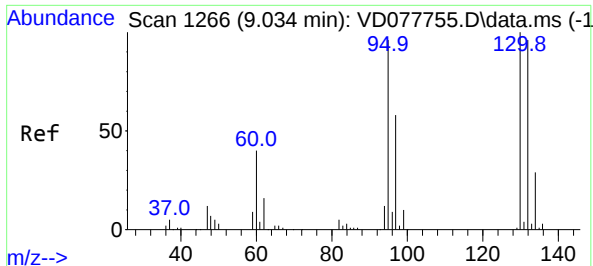
Tgt Ion:117 Resp: 139296
Ion Ratio Lower Upper
117 100
119 95.5 76.3 114.5



#33
Benzene
Concen: 24.483 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 78 Resp: 413662





#34

Trichloroethene

Concen: 25.407 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 106558

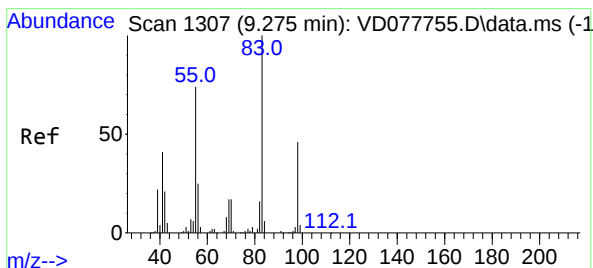
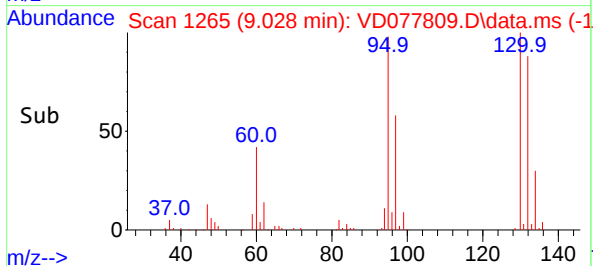
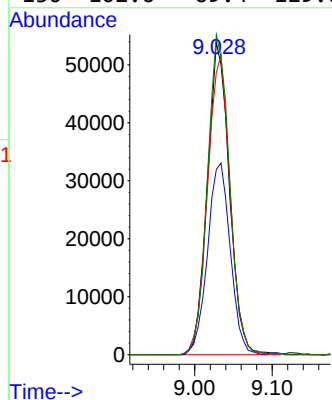
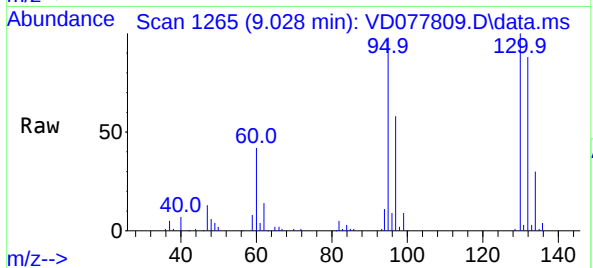
Ion Ratio Lower Upper

95 100

97 59.4 44.2 82.0

132 90.5 67.5 125.3

130 102.6 69.4 129.0



#35

Methylcyclohexane

Concen: 23.053 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

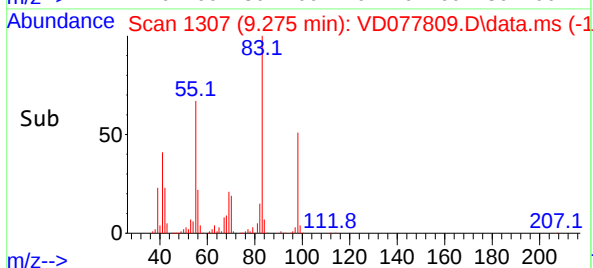
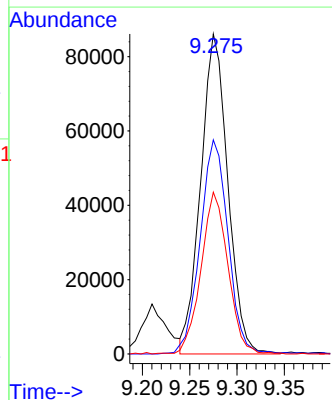
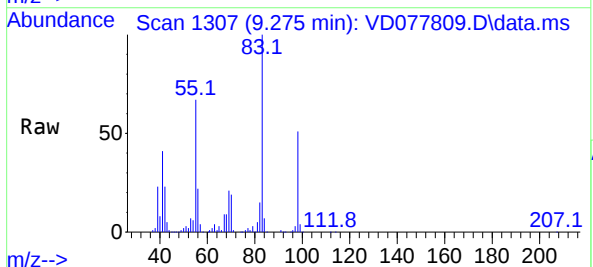
Tgt Ion: 83 Resp: 171647

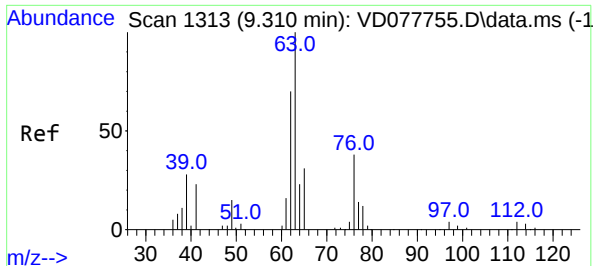
Ion Ratio Lower Upper

83 100

55 67.5 59.8 89.6

98 50.1 38.5 57.7

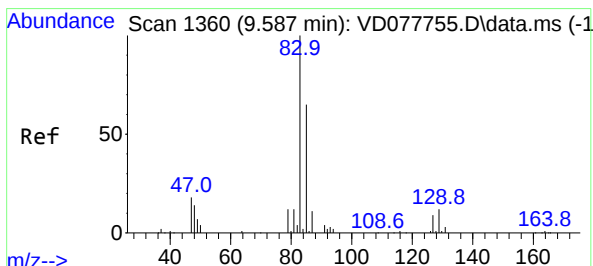
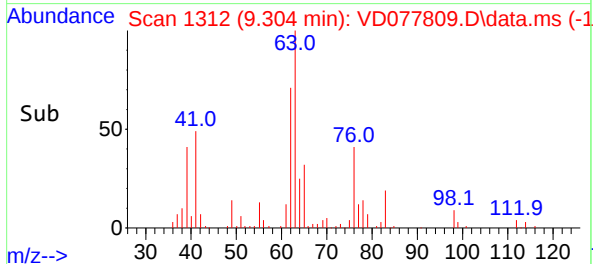
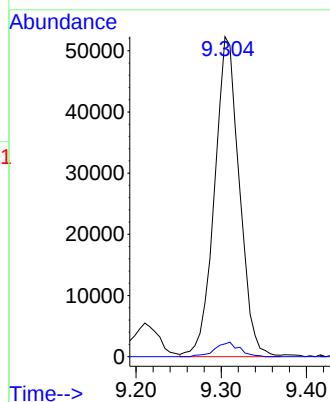
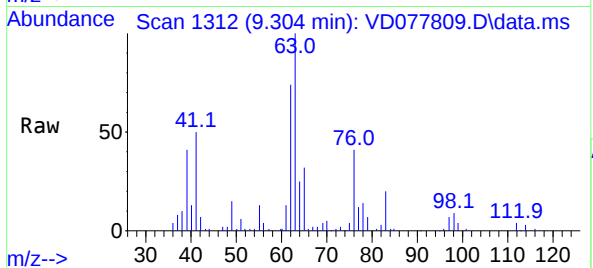




#37
1,2-Dichloropropane
Concen: 24.109 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

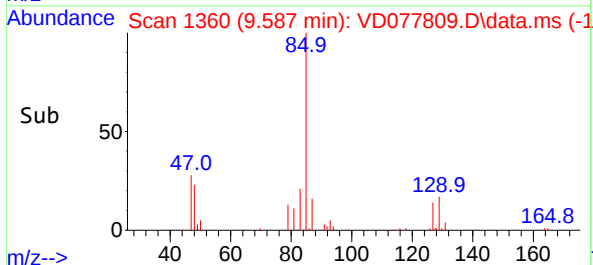
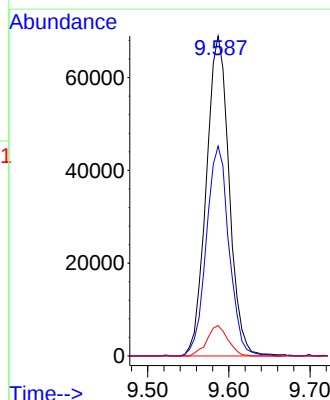
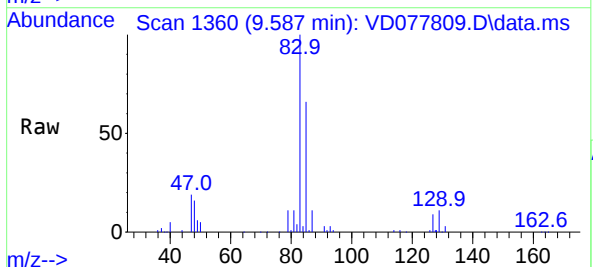
Instrument :
MSVOA_D
ClientSampleId :

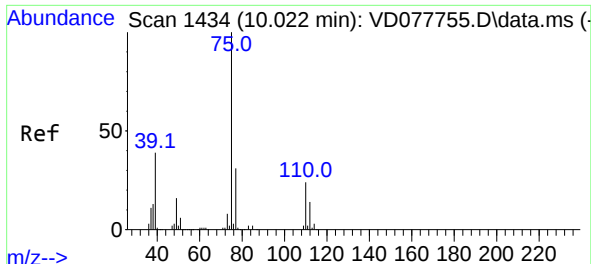
Tgt Ion: 63 Resp: 106206
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 25.176 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 83 Resp: 134867
Ion Ratio Lower Upper
83 100
85 65.6 45.5 84.5
127 9.5 7.4 11.2

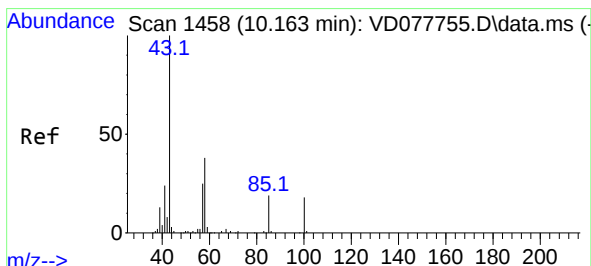
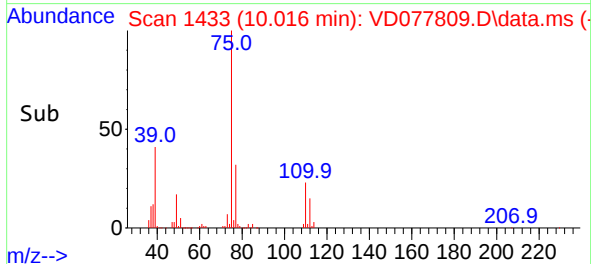
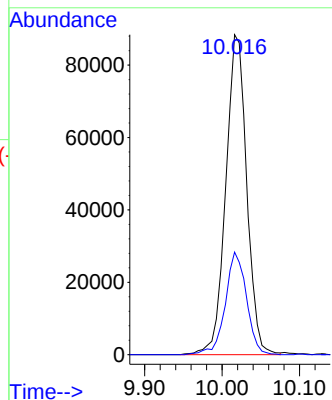
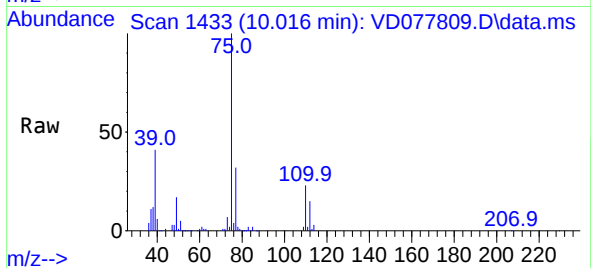




#39
 cis-1,3-Dichloropropene
 Concen: 24.200 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD077809.D
 Acq: 11 Dec 2023 12:48

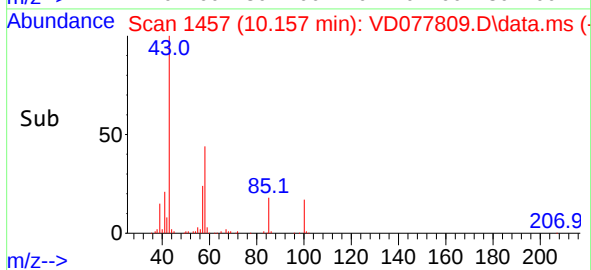
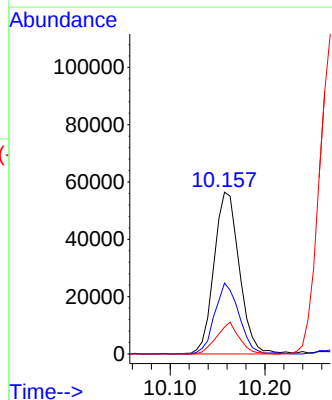
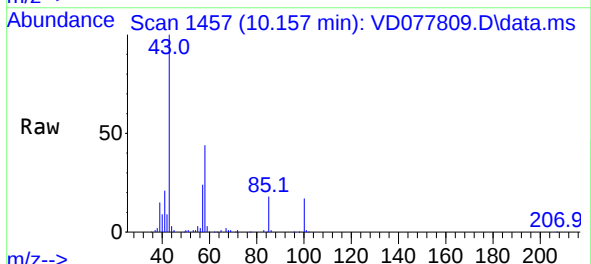
Instrument :
 MSVOA_D
 ClientSampleId :

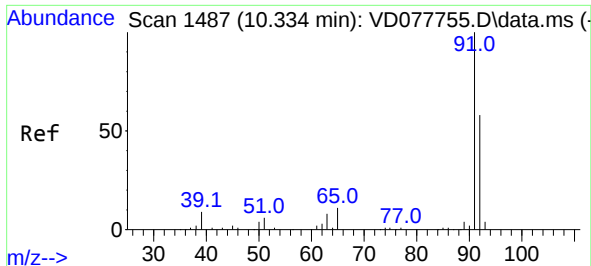
Tgt Ion: 75 Resp: 166478
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 43.149 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD077809.D
 Acq: 11 Dec 2023 12:48

Tgt Ion: 43 Resp: 104891
 Ion Ratio Lower Upper
 43 100
 58 42.0 31.0 46.4
 100 17.5 11.9 17.9

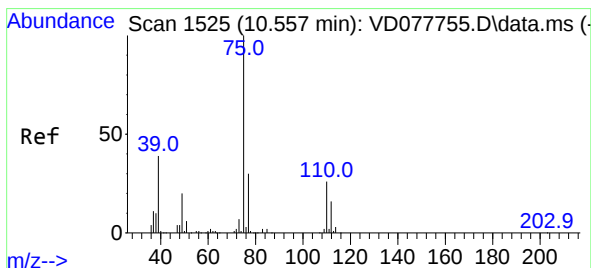
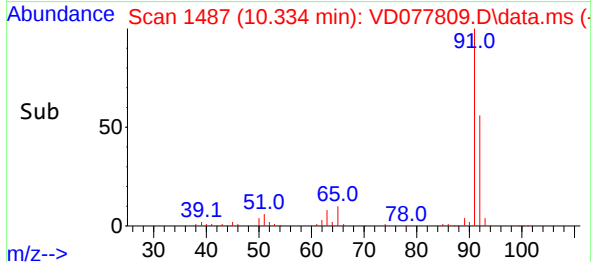
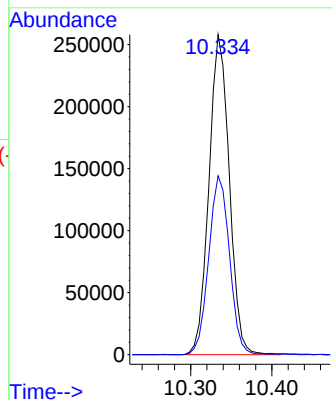
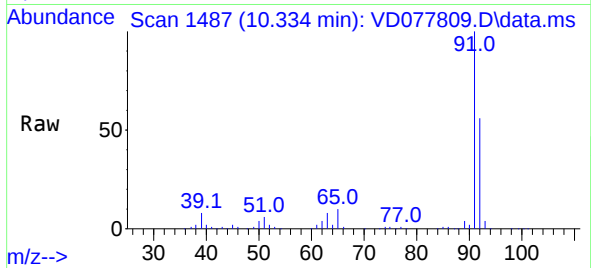




#42
Toluene
Concen: 25.055 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

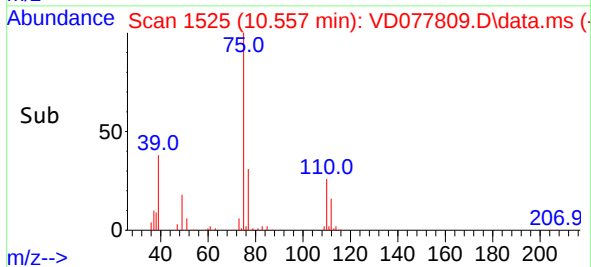
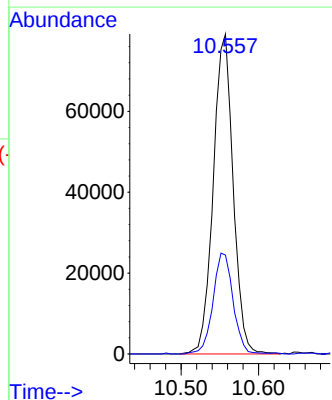
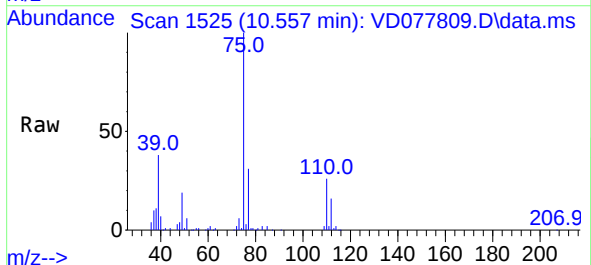
Instrument :
MSVOA_D
ClientSampleId :

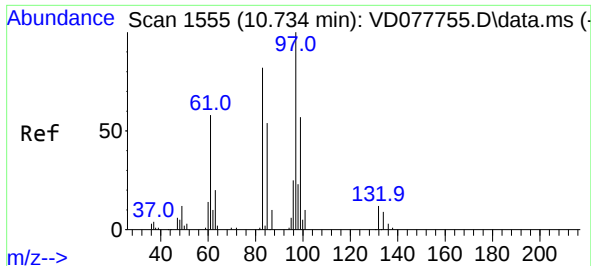
Tgt Ion: 91 Resp: 449639
Ion Ratio Lower Upper
91 100
92 55.9 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 24.515 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 75 Resp: 140859
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8

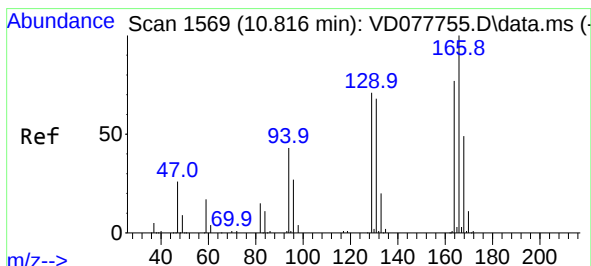
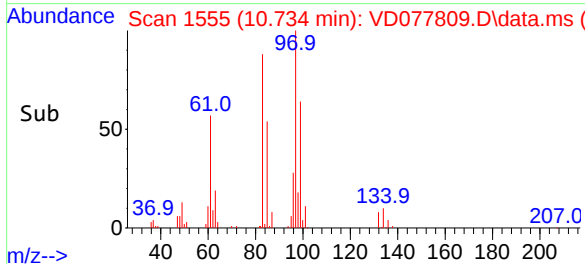
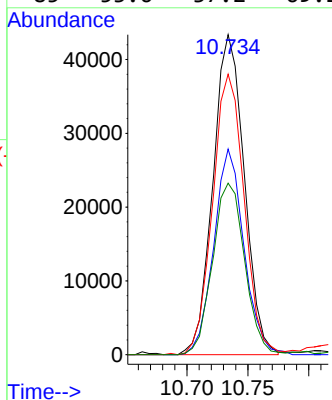
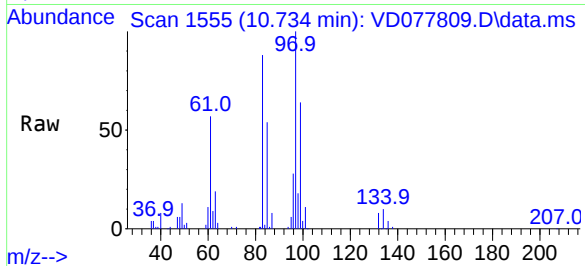




#45
1,1,2-Trichloroethane
Concen: 26.223 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

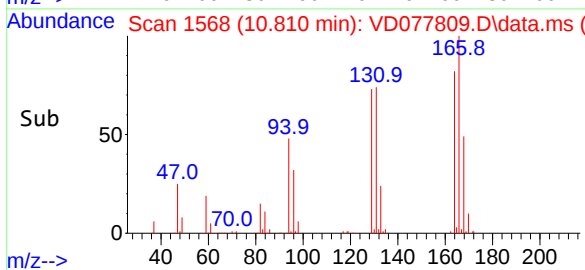
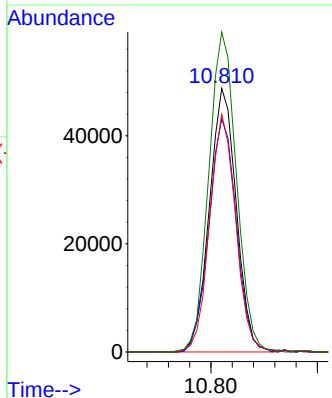
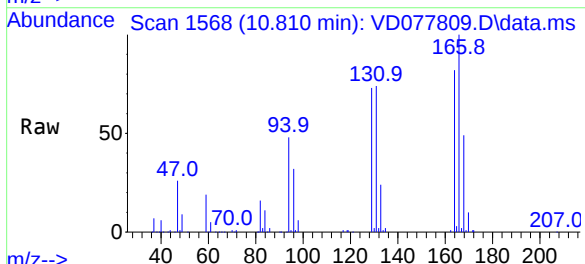
Instrument :
MSVOA_D
ClientSampleId :

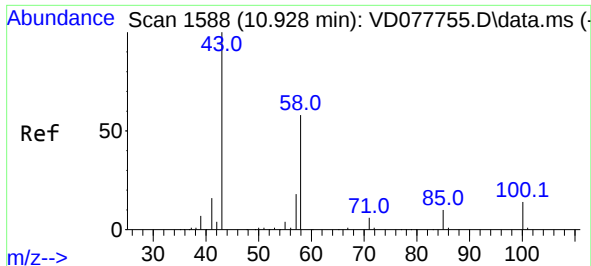
Tgt Ion: 97	Resp: 77581
Ion Ratio	Lower Upper
97 100	
99 64.3	41.7 77.5
83 87.6	63.6 118.2
85 53.6	37.2 69.2



#46
Tetrachloroethene
Concen: 25.341 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

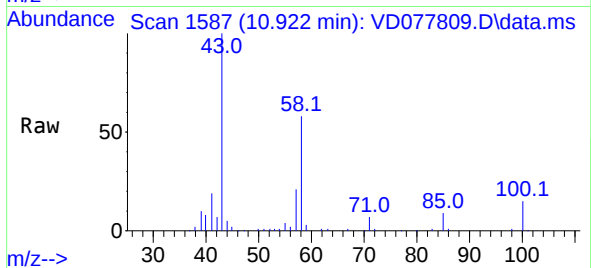
Tgt	Ion:164	Resp:	85700
Ion	Ratio	Lower	Upper
164	100		
129	88.3	61.5	114.3
131	90.1	59.1	109.9
166	121.3	85.4	158.6



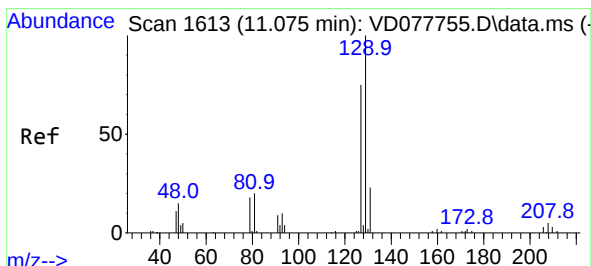
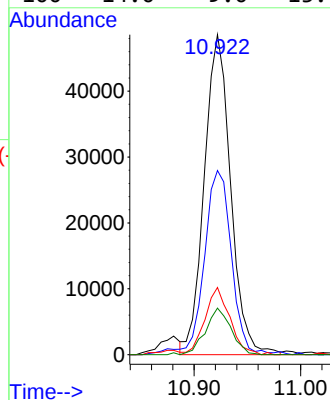
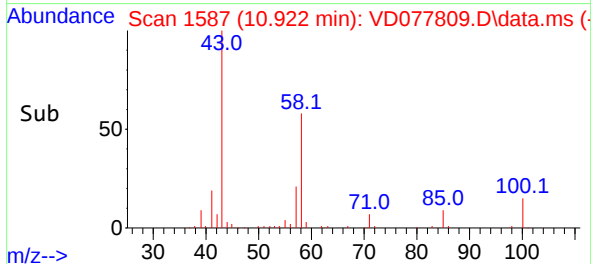


#48
2-Hexanone
Concen: 40.468 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

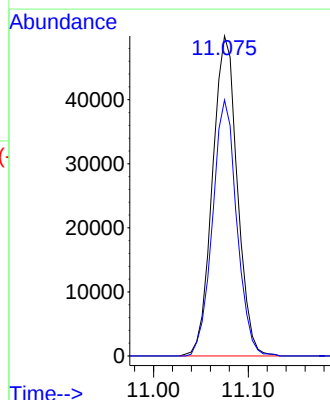
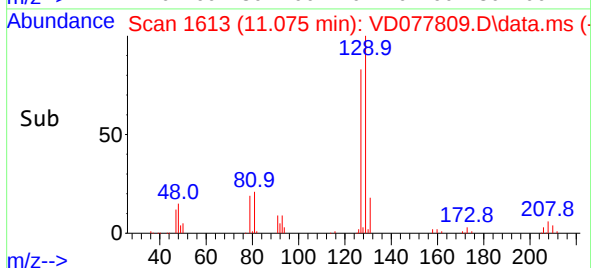
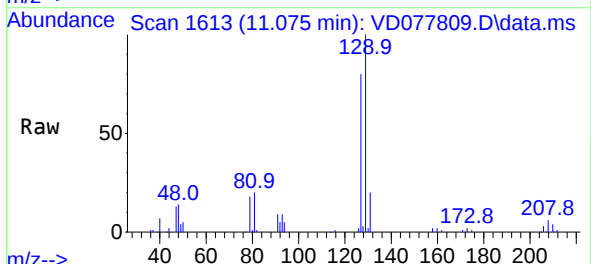


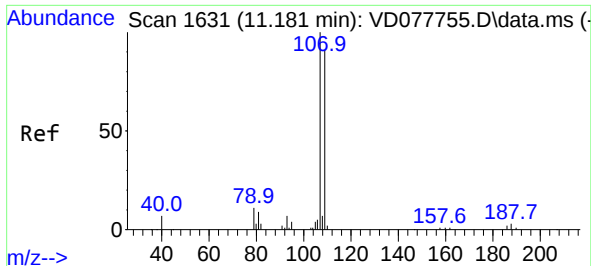
Tgt Ion: 43 Resp: 83615
Ion Ratio Lower Upper
43 100
58 57.5 43.0 64.6
57 19.7 13.8 20.8
100 14.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 25.868 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:129 Resp: 91001
Ion Ratio Lower Upper
129 100
127 80.0 52.8 98.2

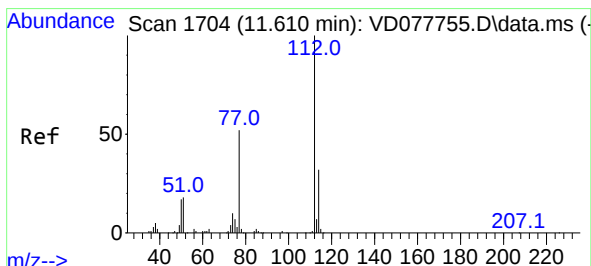
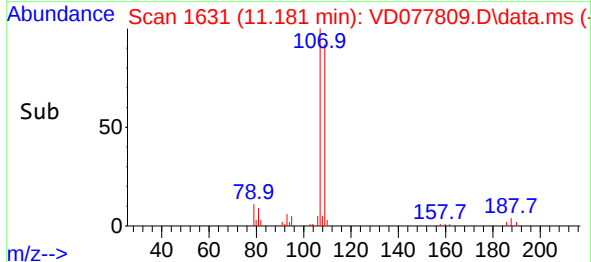
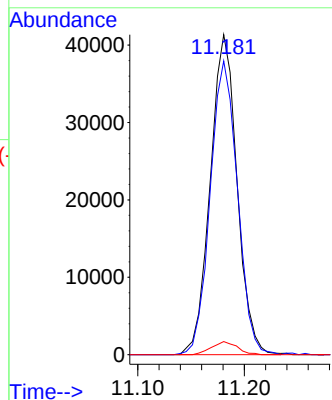
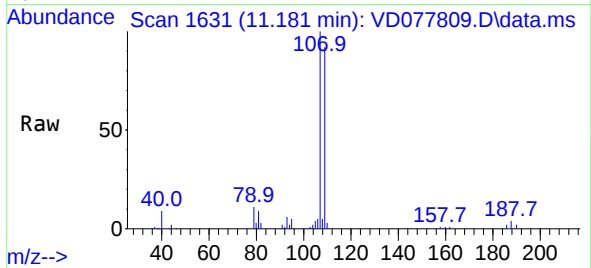




#50
1,2-Dibromoethane
Concen: 25.303 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

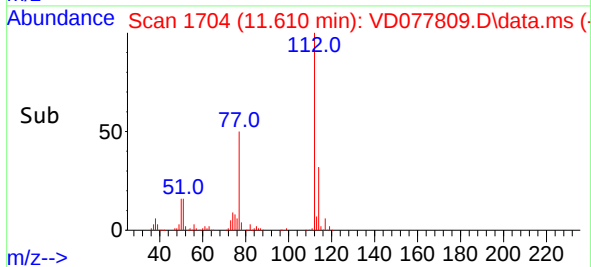
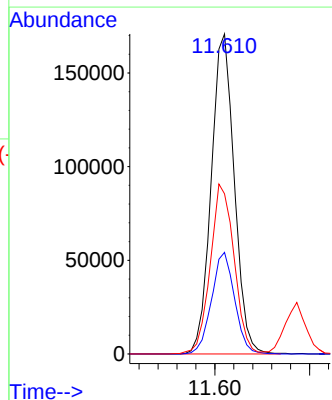
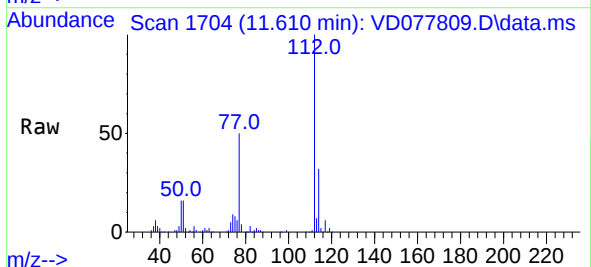
Instrument :
MSVOA_D
ClientSampleId :

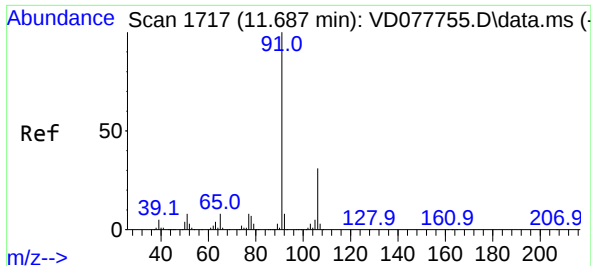
Tgt Ion:107 Resp: 72196
Ion Ratio Lower Upper
107 100
109 91.8 64.2 119.2
188 4.1 2.3 3.5#



#51
Chlorobenzene
Concen: 25.946 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:112 Resp: 288725
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.9
77 50.0 46.4 69.6

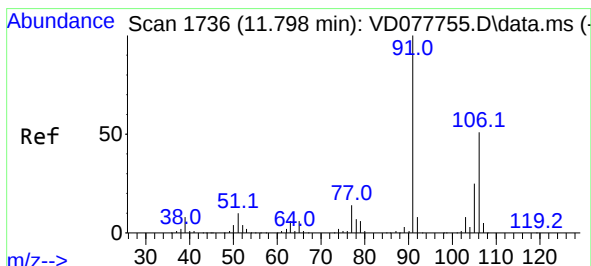
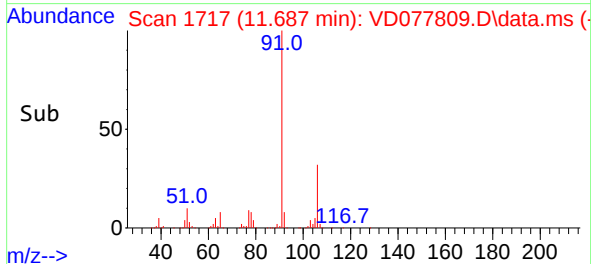
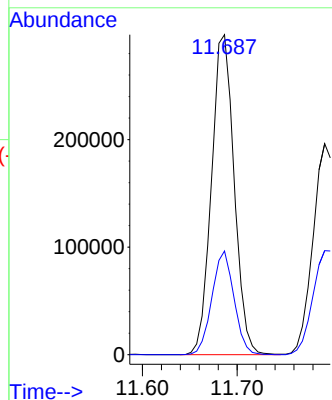
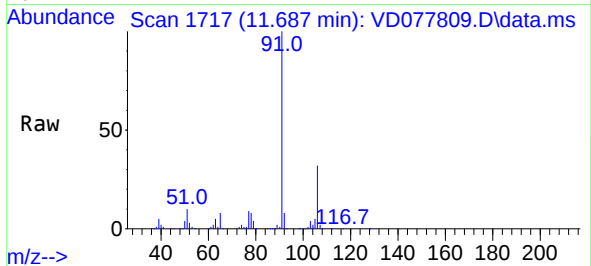




#52
Ethylbenzene
Concen: 24.876 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

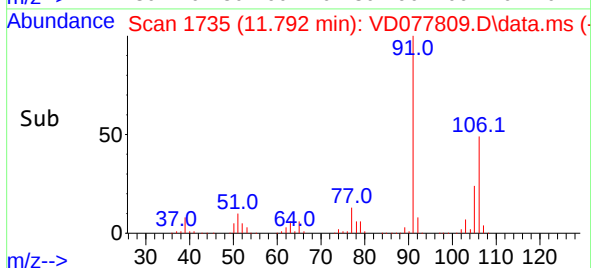
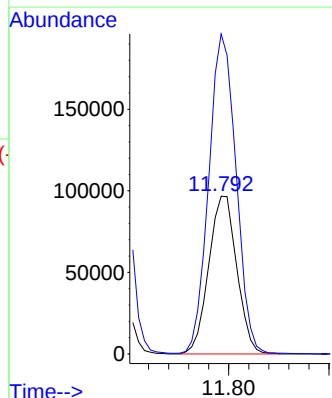
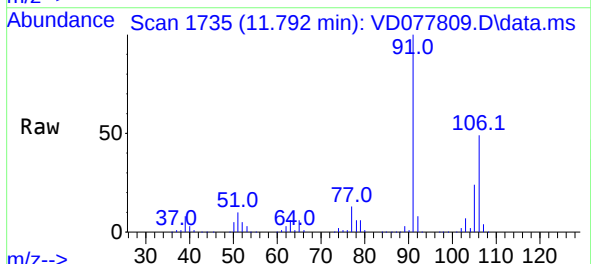
Instrument :
MSVOA_D
ClientSampleId :

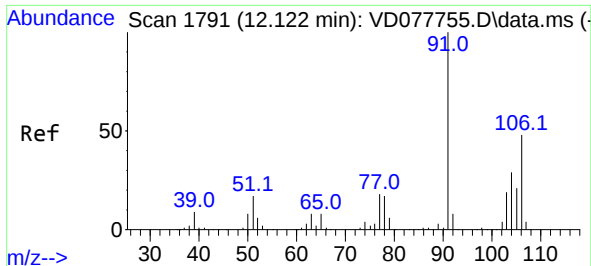
Tgt Ion: 91 Resp: 494876
Ion Ratio Lower Upper
91 100
106 32.4 22.4 41.6



#53
m,p-Xylene
Concen: 25.099 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 106 Resp: 188668
Ion Ratio Lower Upper
106 100
91 202.9 140.8 261.6

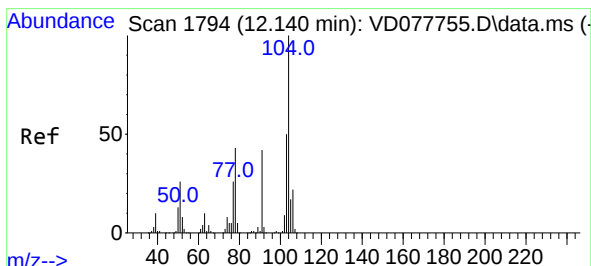
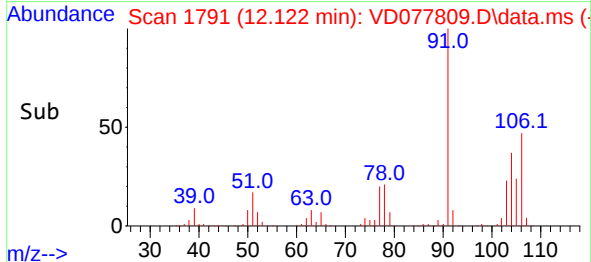
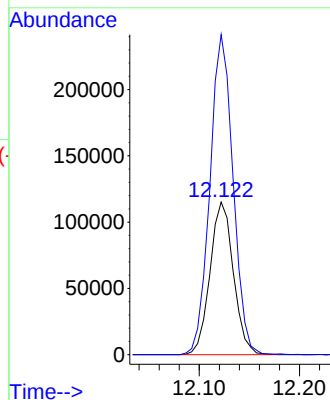
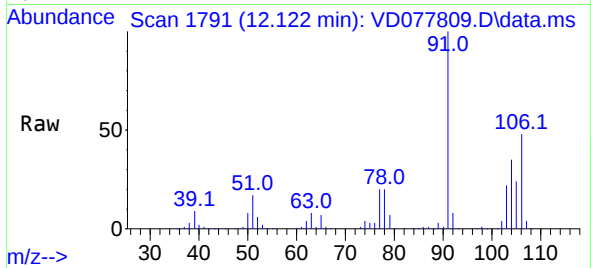




#54
o-Xylene
Concen: 25.928 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

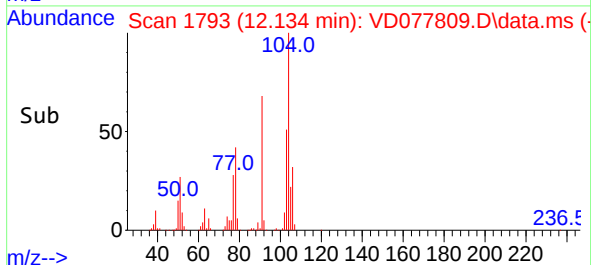
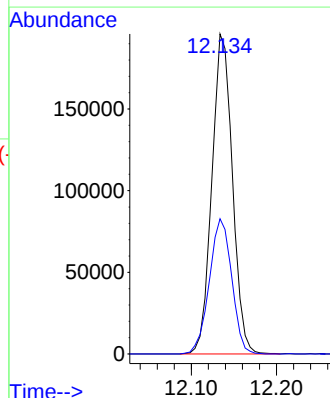
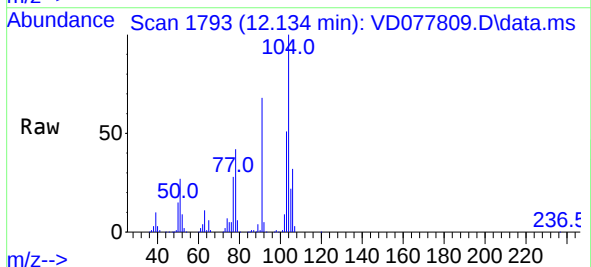
Instrument :
MSVOA_D
ClientSampleId :

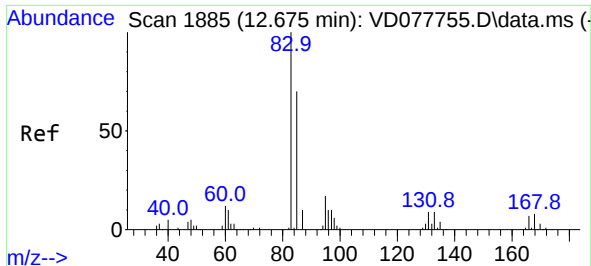
Tgt Ion:106 Resp: 186526
Ion Ratio Lower Upper
106 100
91 209.6 152.2 282.7



#55
Styrene
Concen: 26.054 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:104 Resp: 327972
Ion Ratio Lower Upper
104 100
78 42.3 30.9 57.5

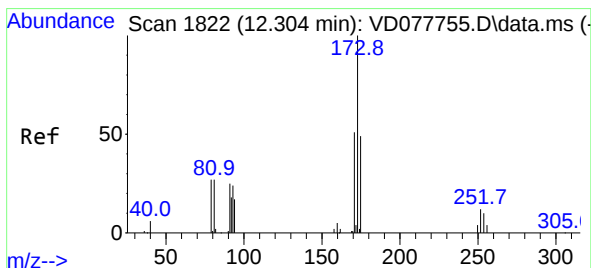
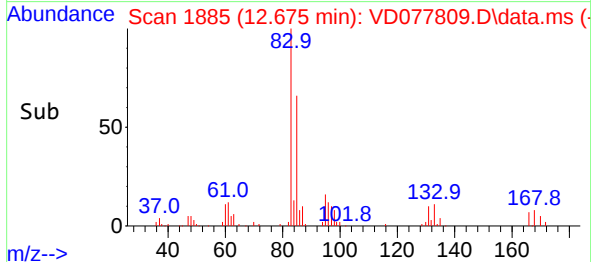
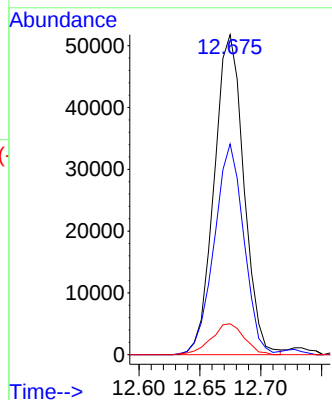
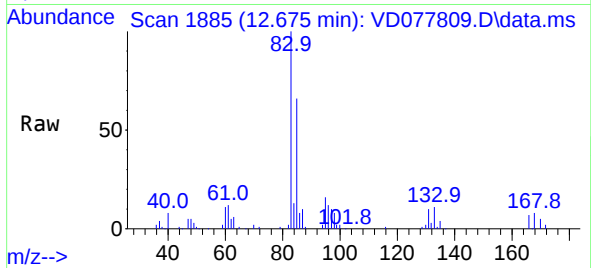




#57
1,1,2-Tetrachloroethane
Concen: 25.017 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

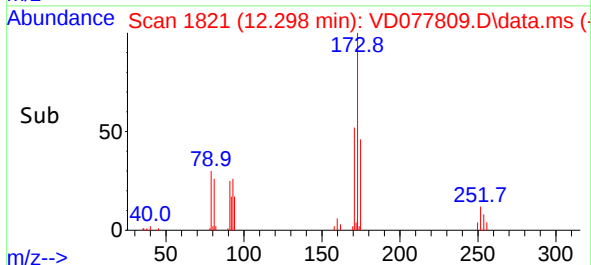
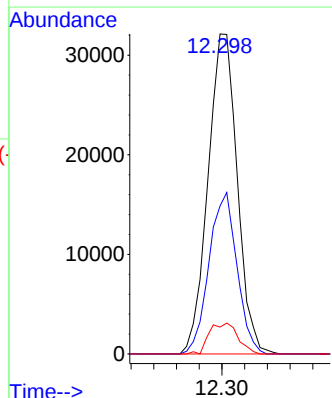
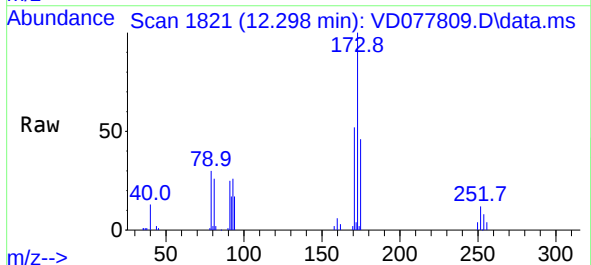
Instrument :
MSVOA_D
ClientSampleId :

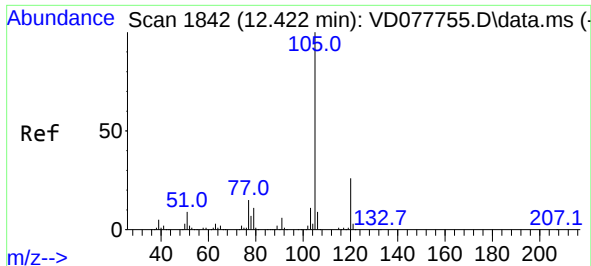
Tgt Ion:	83	Resp:	87699
Ion	Ratio	Lower	Upper
83	100		
85	65.9	43.3	80.5
131	9.7	7.3	10.9



#59
Bromoform
Concen: 25.499 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

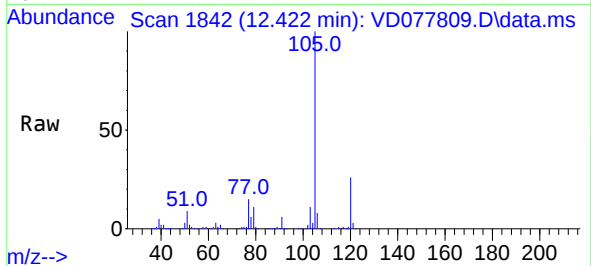
Tgt Ion:	173	Resp:	57535
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.7	58.1
254	9.3	1.8	2.8



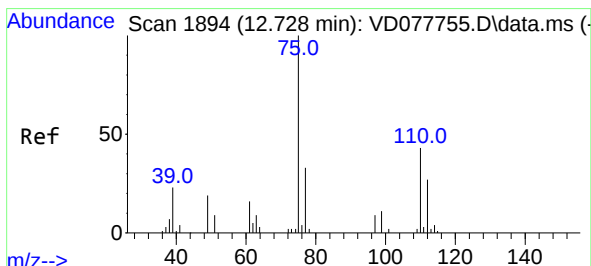
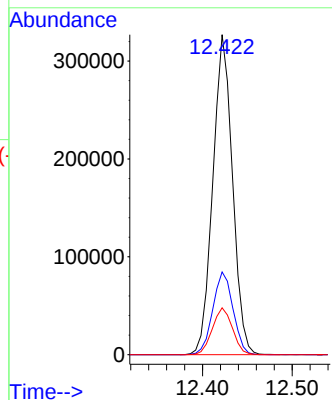


#60
Isopropylbenzene
Concen: 24.424 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

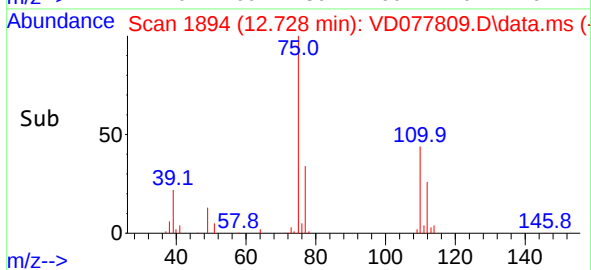
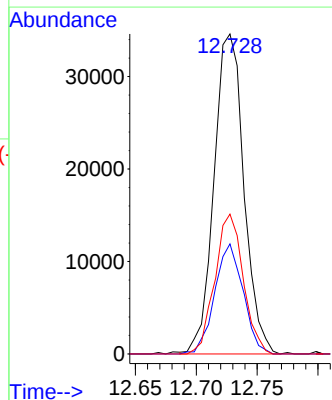
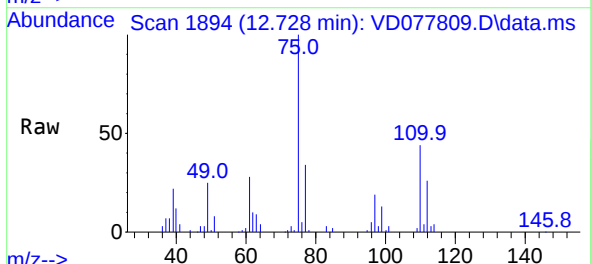


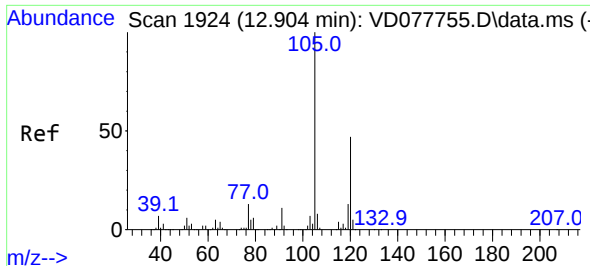
Tgt Ion:105 Resp: 497137
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 23.535 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 75 Resp: 59036
Ion Ratio Lower Upper
75 100
77 32.8 26.8 40.2
110 41.5 33.4 50.2

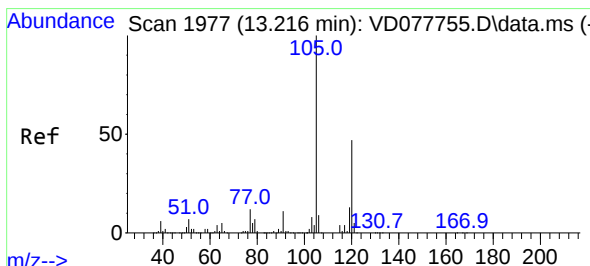
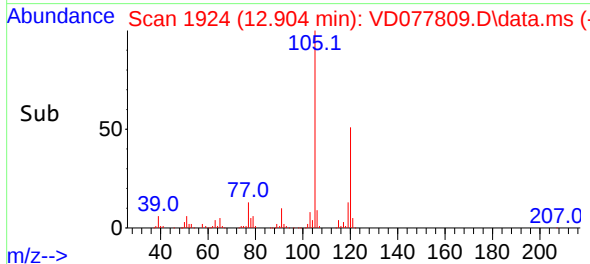
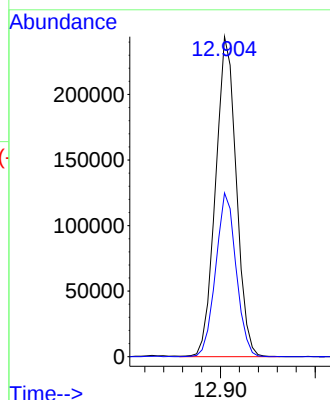
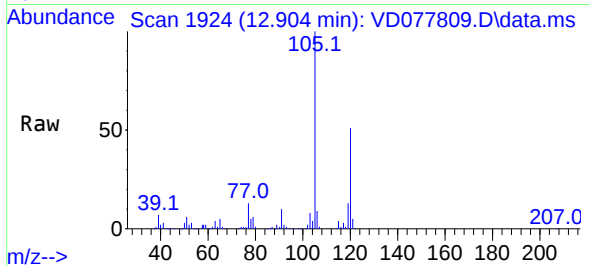




#62
1,3,5-Trimethylbenzene
Concen: 24.253 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

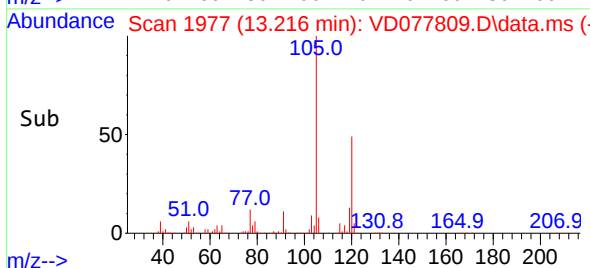
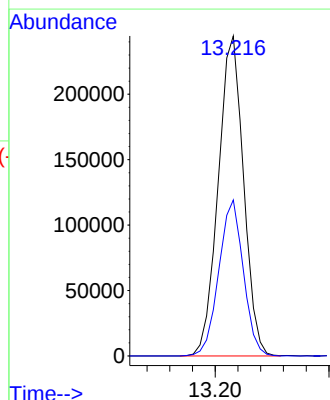
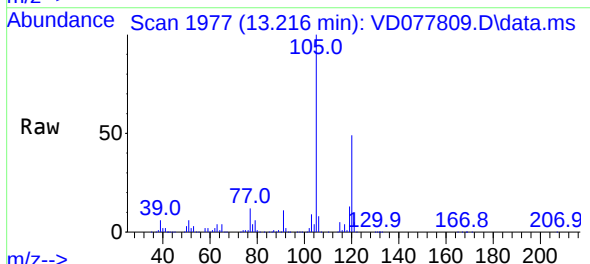
Instrument :
MSVOA_D
ClientSampleId :

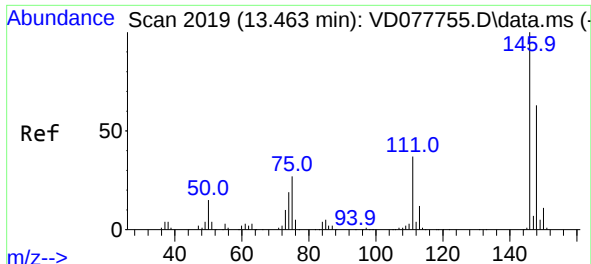
Tgt Ion:105 Resp: 370766
Ion Ratio Lower Upper
105 100
120 50.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 24.425 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:105 Resp: 378598
Ion Ratio Lower Upper
105 100
120 47.2 37.1 55.7

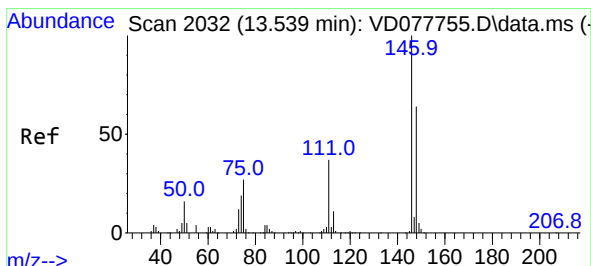
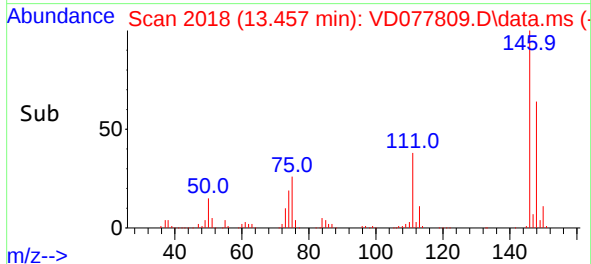
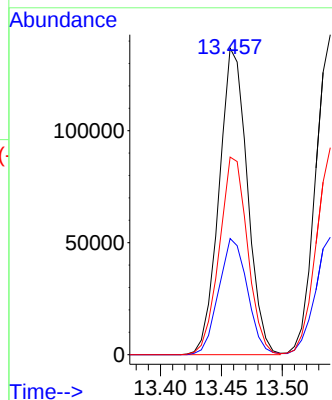
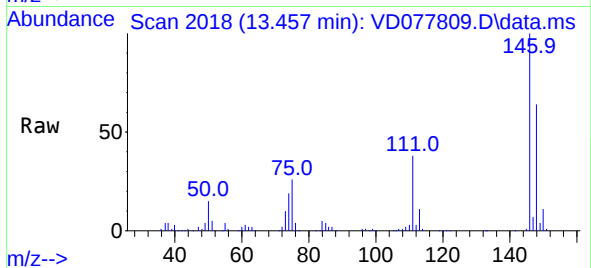




#64
1,3-Dichlorobenzene
Concen: 25.148 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

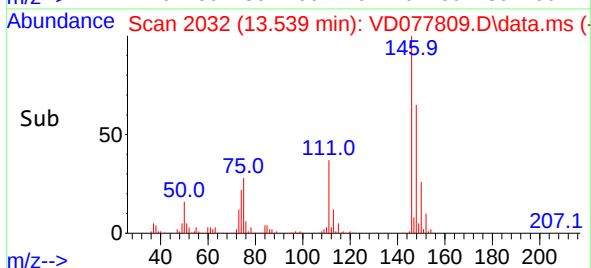
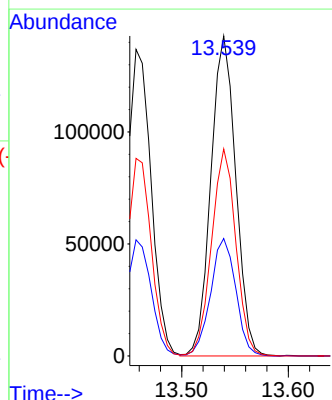
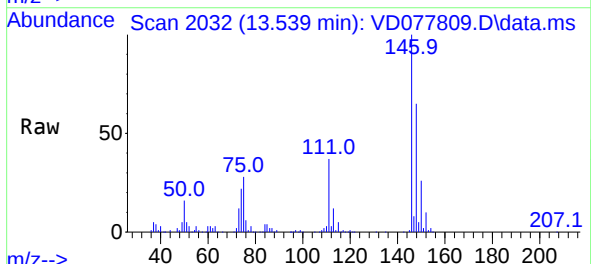
Instrument :
MSVOA_D
ClientSampleId :

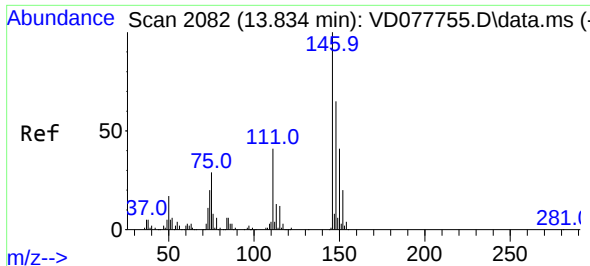
Tgt Ion:146 Resp: 221369
Ion Ratio Lower Upper
146 100
111 37.9 26.6 49.4
148 64.5 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 25.374 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:146 Resp: 231770
Ion Ratio Lower Upper
146 100
111 36.7 26.4 49.0
148 64.7 44.0 81.8

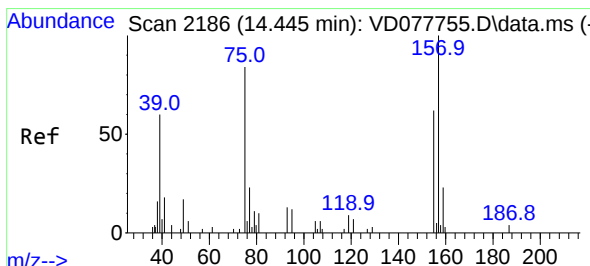
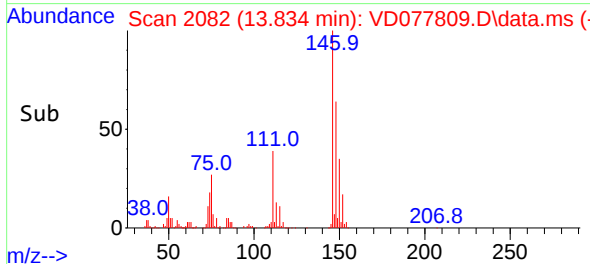
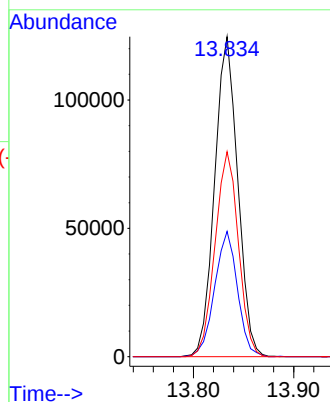
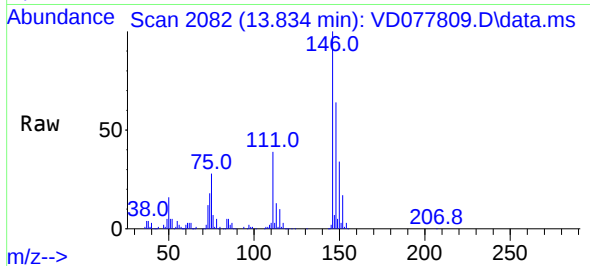




#67
1,2-Dichlorobenzene
Concen: 25.159 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

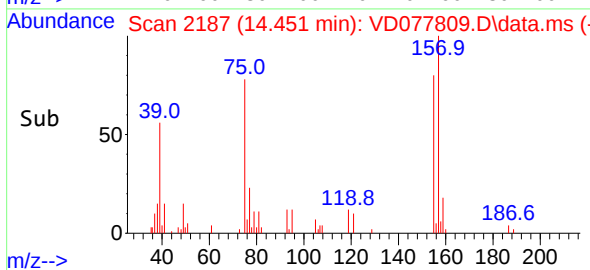
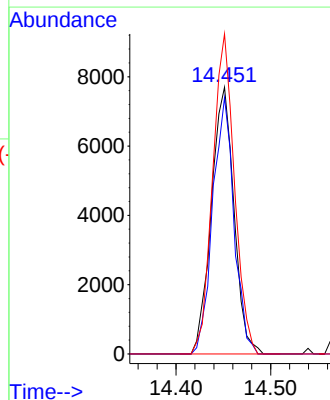
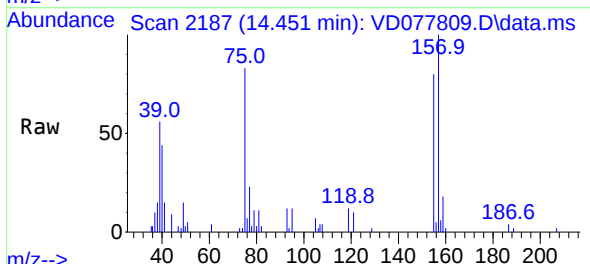
Instrument :
MSVOA_D
ClientSampleId :

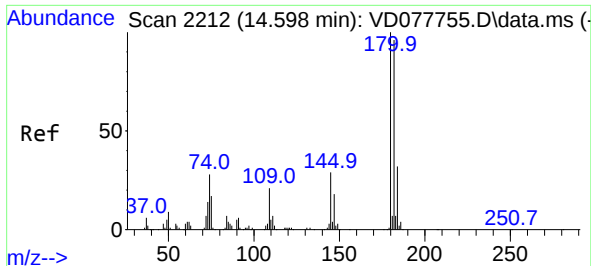
Tgt Ion:146 Resp: 199284
Ion Ratio Lower Upper
146 100
111 39.1 31.4 47.2
148 64.1 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 21.629 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion: 75 Resp: 12793
Ion Ratio Lower Upper
75 100
155 96.1 69.2 103.8
157 119.9 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 24.811 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 148718

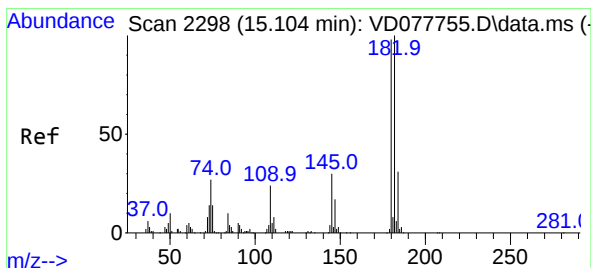
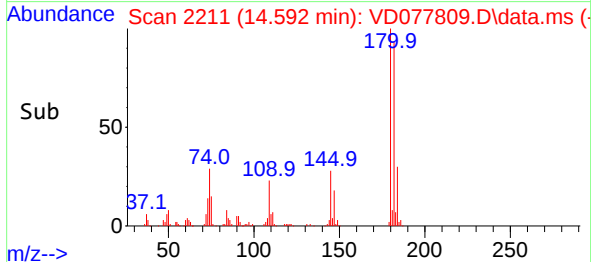
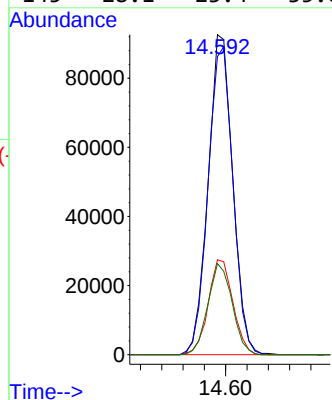
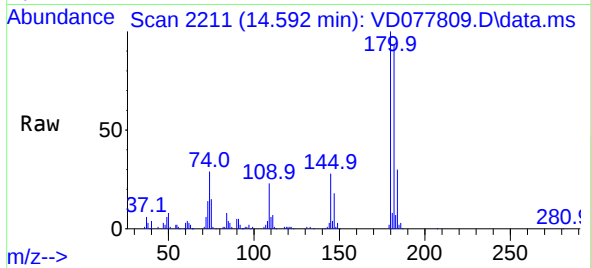
Ion Ratio Lower Upper

180 100

182 97.0 77.0 115.4

184 29.7 24.3 36.5

145 28.1 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 24.503 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077809.D

Acq: 11 Dec 2023 12:48

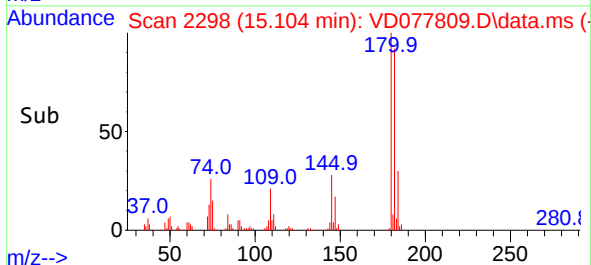
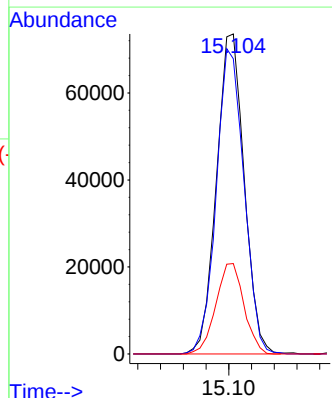
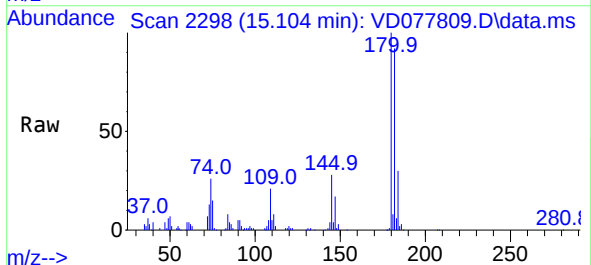
Tgt Ion:180 Resp: 124688

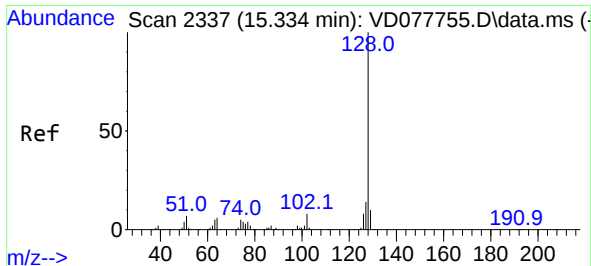
Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.6

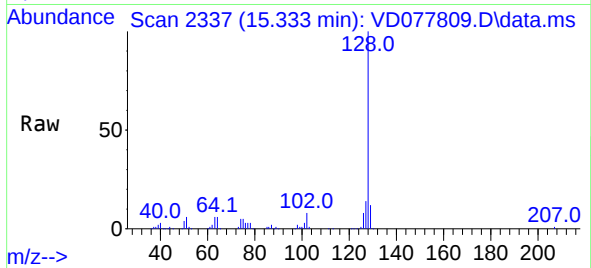
145 28.6 23.9 35.9



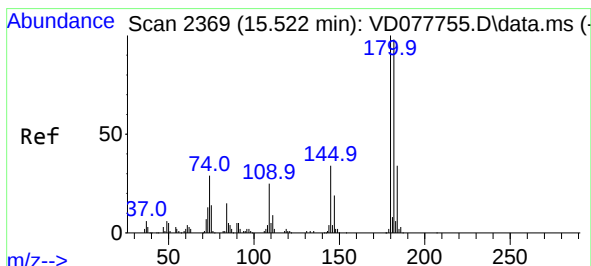
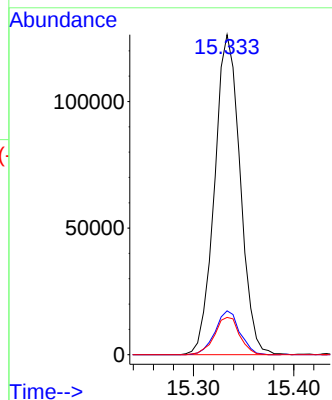
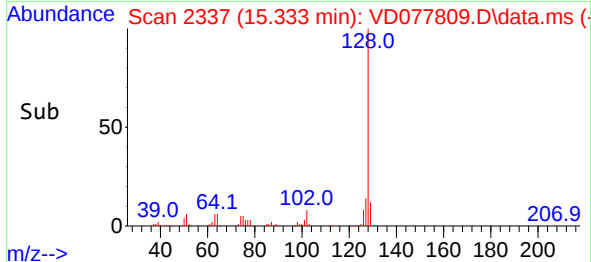


#71
Naphthalene
Concen: 24.024 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 223498
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.606 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077809.D
Acq: 11 Dec 2023 12:48

Tgt Ion:180 Resp: 109764
Ion Ratio Lower Upper
180 100
182 95.7 77.3 115.9
145 29.5 25.2 37.8

