

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092623\
 Data File : VD077220.D
 Acq On : 26 Sep 2023 10:42
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:29:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	257818	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	261679	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	144678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	108739	15.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.800%
7) Chloroethane-d5	2.799	69	104355	24.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	3.917	65	33758	17.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.400%
21) 2-Butanone-d5	6.993	46	57448	46.499	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.000%
24) Chloroform-d	7.569	84	210430	21.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	8.228	65	100726	20.828	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.320%
32) Benzene-d6	8.199	84	394289	20.744	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.960%
36) 1,2-Dichloropropane-d6	9.210	67	121962	20.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.560%
41) Toluene-d8	10.269	98	351711	21.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.522	79	50642	21.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.320%
47) 2-Hexanone-d5	10.875	63	46898	49.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	125938	23.592	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	123334	20.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	84759	20.216	ug/L	99
3) Chloromethane	2.146	50	134504	24.726	ug/L	98
5) Vinyl chloride	2.281	62	137153	21.171	ug/L	99
6) Bromomethane	2.693	94	82477	20.808	ug/L	100
8) Chloroethane	2.834	64	105662	33.256	ug/L	99
9) Trichlorofluoromethane	3.175	101	172471	25.748	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	112358	23.467	ug/L	98
12) 1,1-Dichloroethene	3.940	96	95548	23.916	ug/L	99
13) Acetone	4.022	43	73597	57.410	ug/L	98
14) Carbon disulfide	4.269	76	267068	25.634	ug/L	98
16) Methylene chloride	4.799	84	142132	22.137	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	109511	24.353	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	251578	23.734	ug/L	98
19) 1,1-Dichloroethane	6.111	63	209900	24.766	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	136966	24.947	ug/L	97
22) 2-Butanone	7.087	43	87285	52.635	ug/L	98
23) Bromochloromethane	7.434	128	66022	25.397	ug/L	# 81
25) Chloroform	7.593	83	235653	25.127	ug/L	97
27) 1,2-Dichloroethane	8.322	62	139782	25.192	ug/L	94

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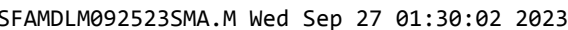
Instrument :
 MSVOA_D
 ClientSampleId :

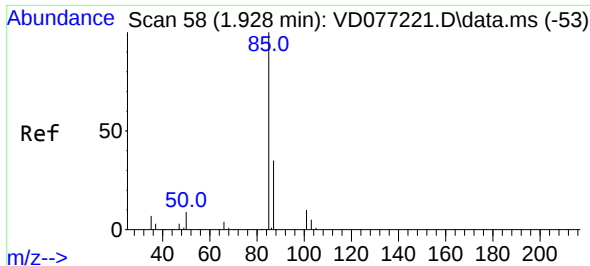
Quant Time: Sep 27 01:29:55 2023
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 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	128871	24.209	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	187282	24.706	ug/L	99
31) Carbon tetrachloride	7.993	117	152018	24.813	ug/L	96
33) Benzene	8.252	78	489651	25.344	ug/L	100
34) Trichloroethene	9.028	95	119096	24.429	ug/L	96
35) Methylcyclohexane	9.275	83	168633	24.837	ug/L	99
37) 1,2-Dichloropropane	9.305	63	134211	25.321	ug/L	98
38) Bromodichloromethane	9.581	83	177389	25.183	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	199520	24.778	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	162895	53.634	ug/L	100
42) Toluene	10.334	91	540985	25.955	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	176791	25.399	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	114798	25.433	ug/L	96
46) Tetrachloroethene	10.810	164	95703	25.026	ug/L	97
48) 2-Hexanone	10.922	43	135751	58.284	ug/L	99
49) Dibromochloromethane	11.075	129	129010	25.679	ug/L	95
50) 1,2-Dibromoethane	11.181	107	107732	25.504	ug/L	93
51) Chlorobenzene	11.610	112	346491	24.475	ug/L	96
52) Ethylbenzene	11.687	91	569884	25.220	ug/L	99
53) m,p-Xylene	11.793	106	220029	25.531	ug/L	95
54) o-Xylene	12.122	106	215296	25.620	ug/L	96
55) Styrene	12.134	104	399720	26.162	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	138962	25.752	ug/L	96
59) Bromoform	12.298	173	85338	26.199	ug/L	99
60) Isopropylbenzene	12.422	105	563198	24.914	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	91628	25.008	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	426961	24.703	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	421825	24.579	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	263922	23.989	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	276345	24.037	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	243933	24.068	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	19088	24.348	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	169492	23.434	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	142520	22.990	ug/L	98
71) Naphthalene	15.334	128	307688	23.978	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	137834	23.799	ug/L	98

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

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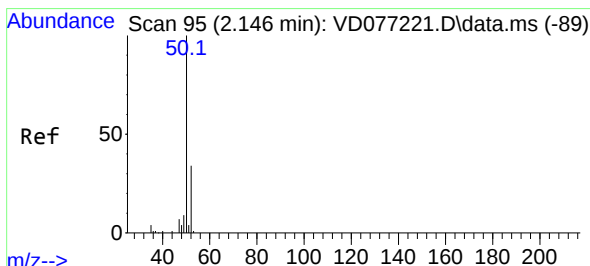
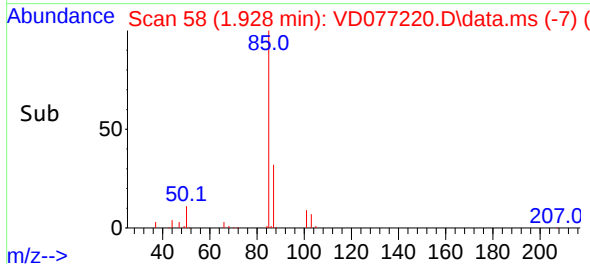
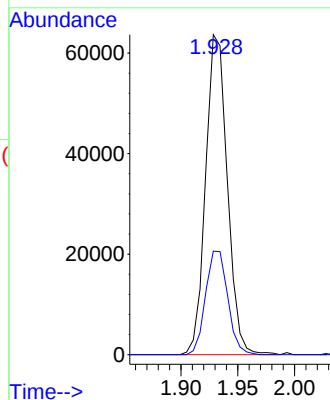
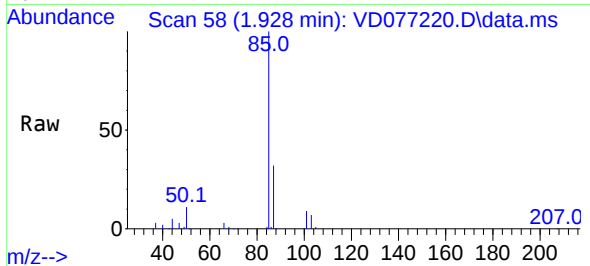




#2
Dichlorodifluoromethane
Concen: 20.216 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

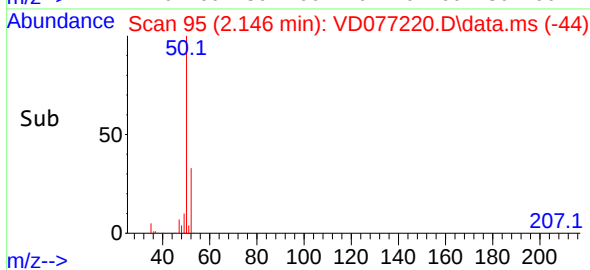
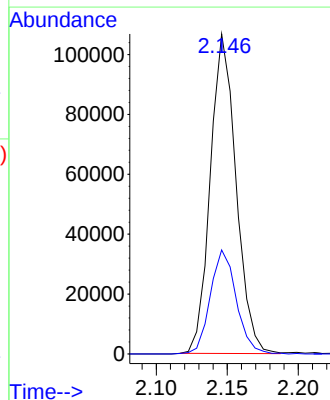
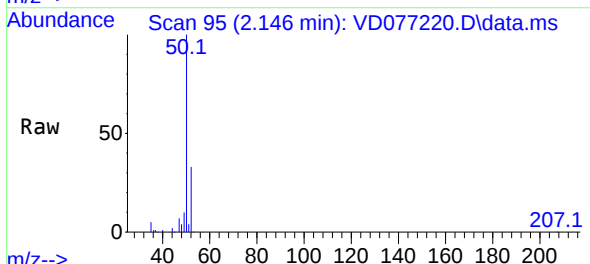
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ClientSampleId :

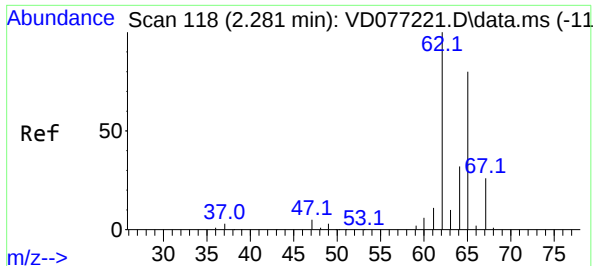
Tgt Ion: 85 Resp: 84759
Ion Ratio Lower Upper
85 100
87 33.1 25.9 38.9



#3
Chloromethane
Concen: 24.726 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 50 Resp: 134504
Ion Ratio Lower Upper
50 100
52 32.5 23.6 43.8

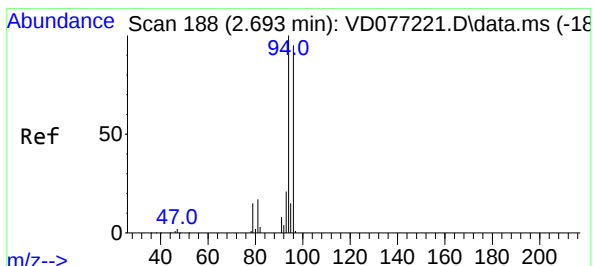
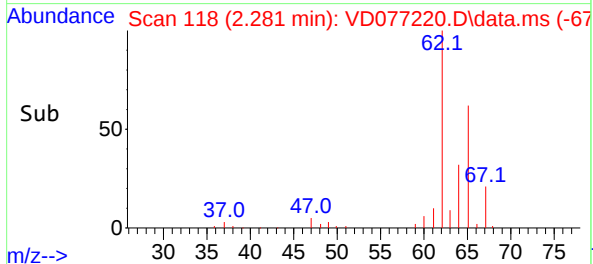
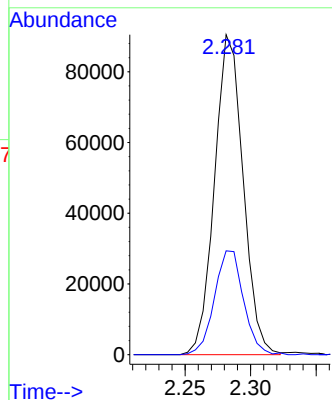
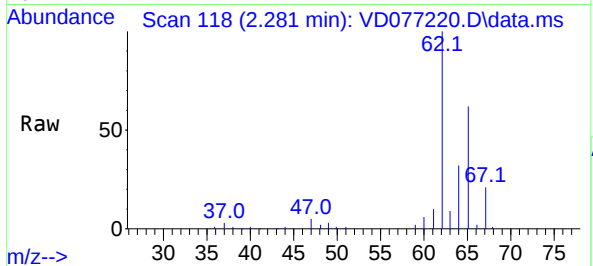




#5
 Vinyl chloride
 Concen: 21.171 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077220.D
 Acq: 26 Sep 2023 10:42

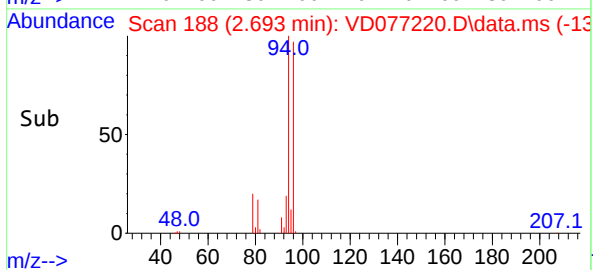
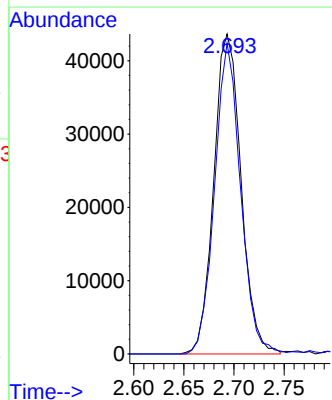
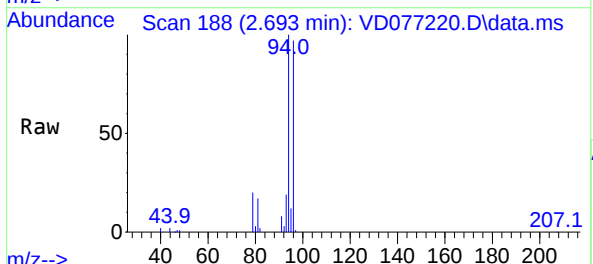
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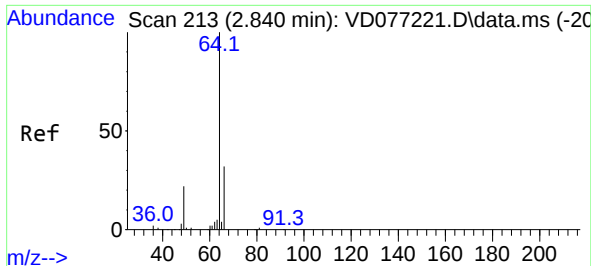
Tgt Ion: 62 Resp: 137153
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.8



#6
 Bromomethane
 Concen: 20.808 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD077220.D
 Acq: 26 Sep 2023 10:42

Tgt Ion: 94 Resp: 82477
 Ion Ratio Lower Upper
 94 100
 96 97.1 67.8 125.8

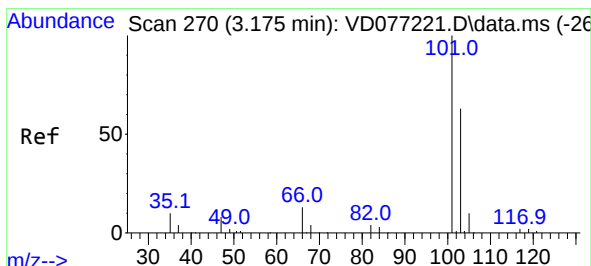
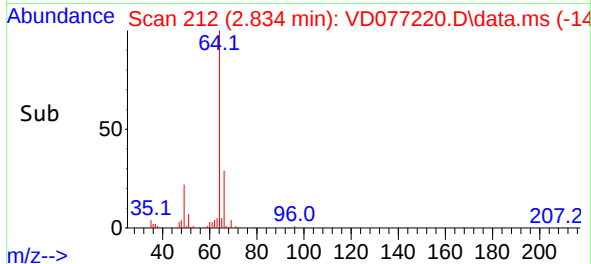
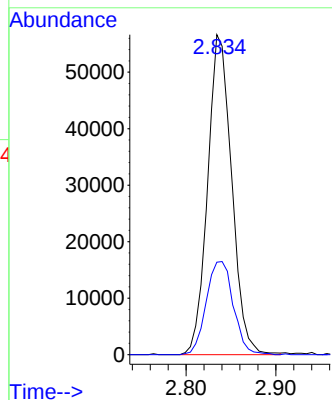
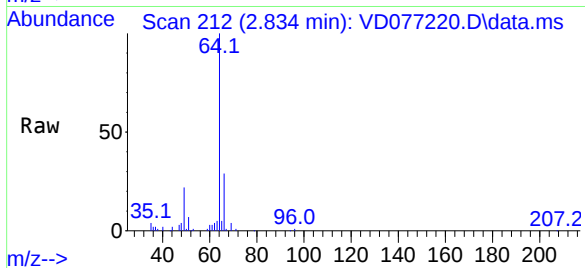




#8
Chloroethane
Concen: 33.256 ug/L
RT: 2.834 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

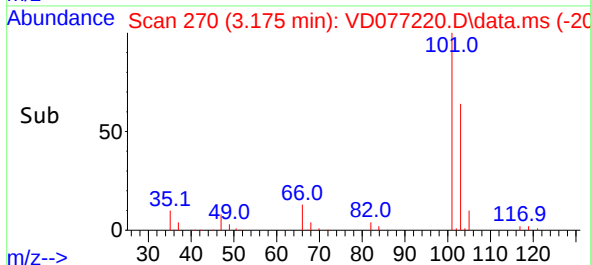
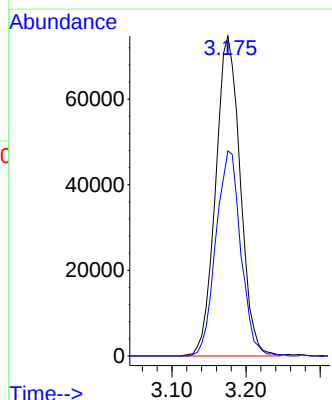
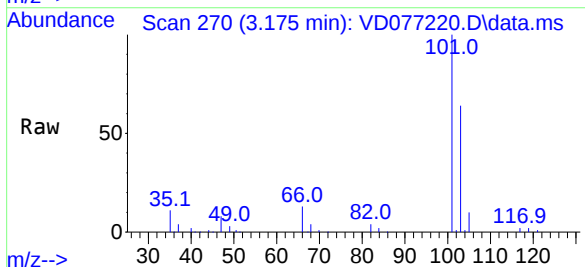
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ClientSampleId :

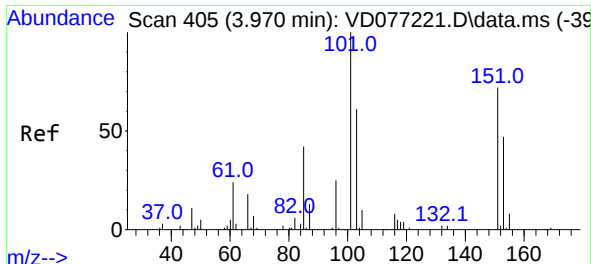
Tgt Ion: 64 Resp: 105662
Ion Ratio Lower Upper
64 100
66 28.9 20.8 38.6



#9
Trichlorofluoromethane
Concen: 25.748 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 101 Resp: 172471
Ion Ratio Lower Upper
101 100
103 64.7 52.9 79.3

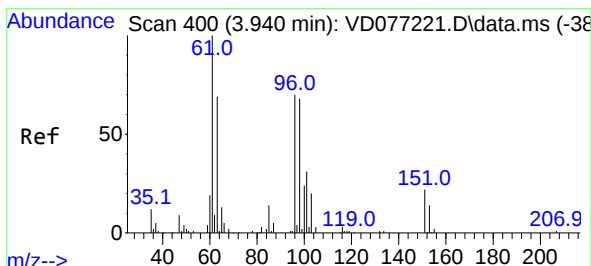
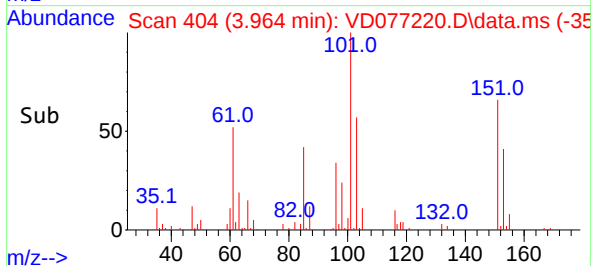
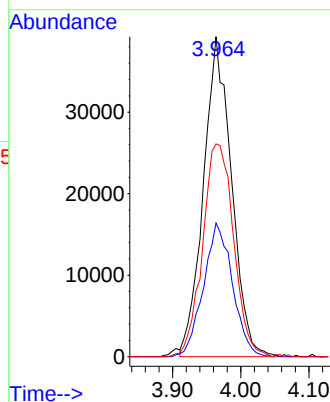
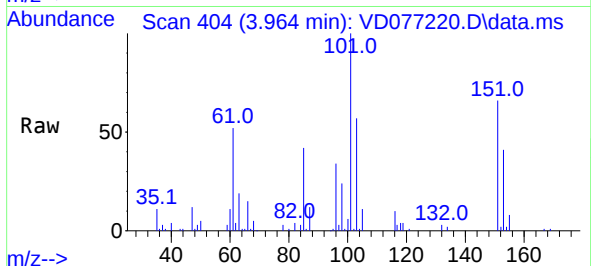




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.467 ug/L
RT: 3.964 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

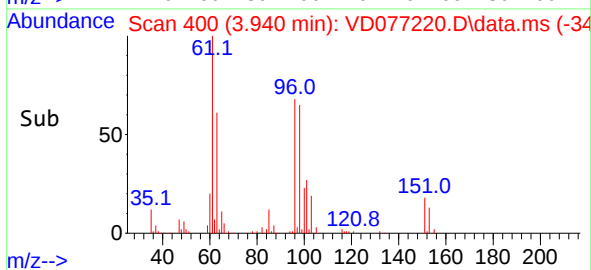
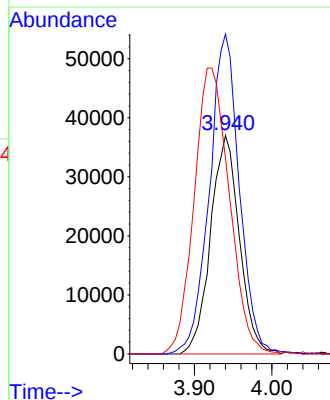
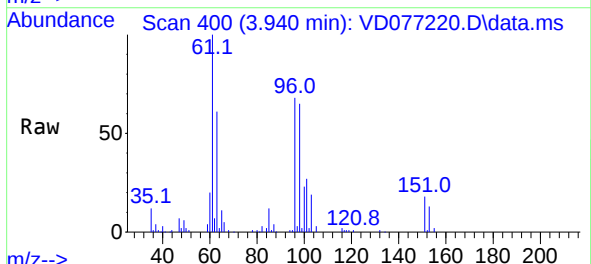
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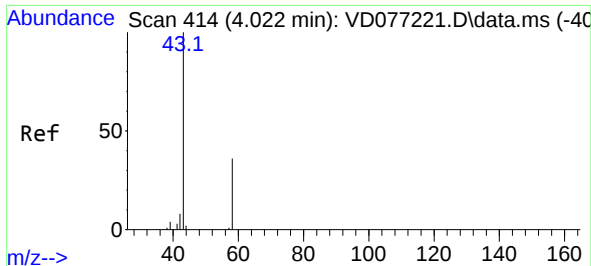
Tgt Ion:101 Resp: 112358
Ion Ratio Lower Upper
101 100
85 43.1 35.3 52.9
151 73.4 59.9 89.9



#12
1,1-Dichloroethene
Concen: 23.916 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 96 Resp: 95548
Ion Ratio Lower Upper
96 100
61 146.4 102.1 189.5
63 89.6 63.3 117.5

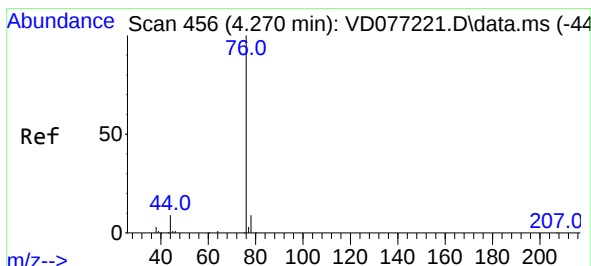
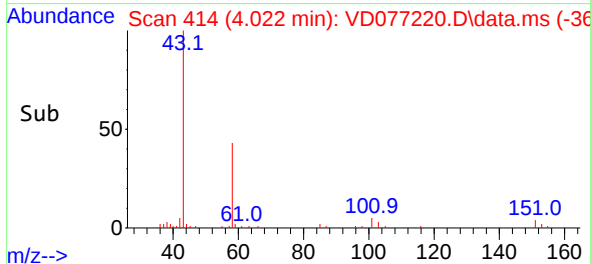
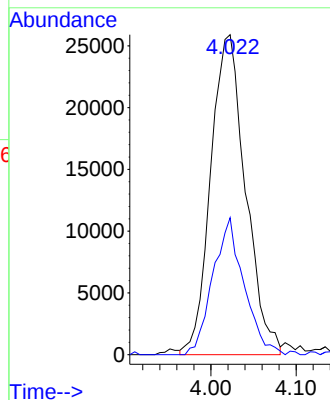
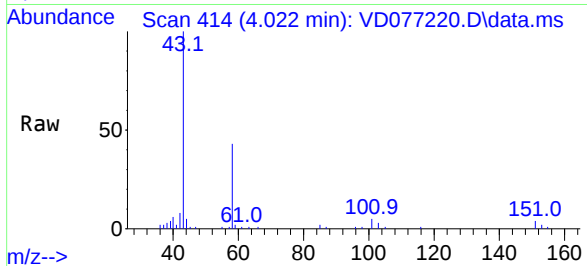




#13
Acetone
Concen: 57.410 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

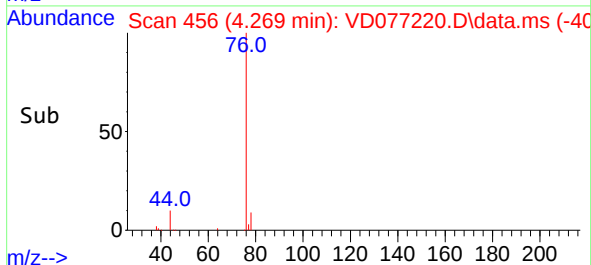
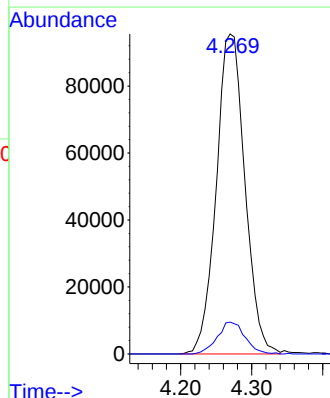
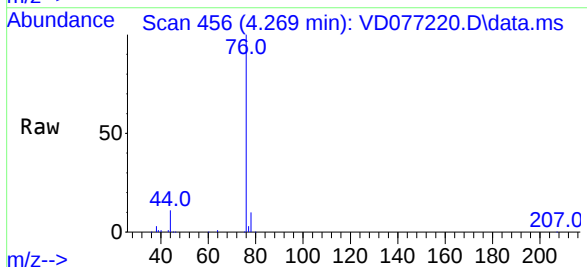
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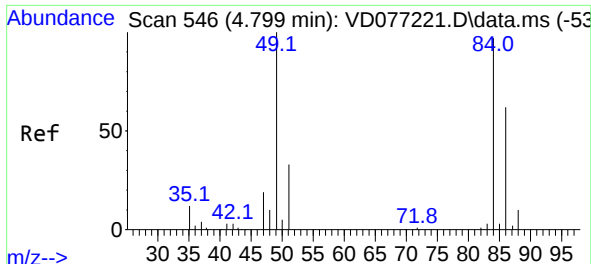
Tgt Ion: 43 Resp: 73597
Ion Ratio Lower Upper
43 100
58 38.2 0.0 74.0



#14
Carbon disulfide
Concen: 25.634 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077220.D
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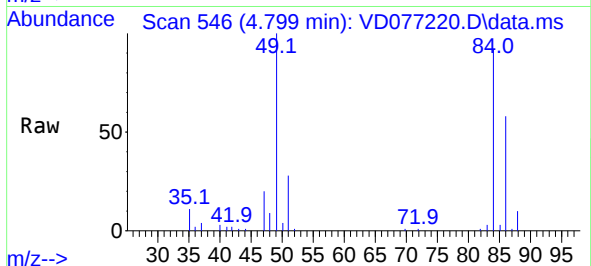
Tgt Ion: 76 Resp: 267068
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



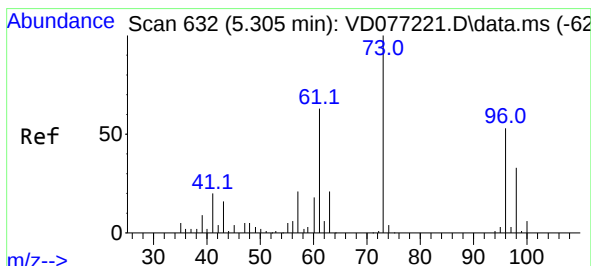
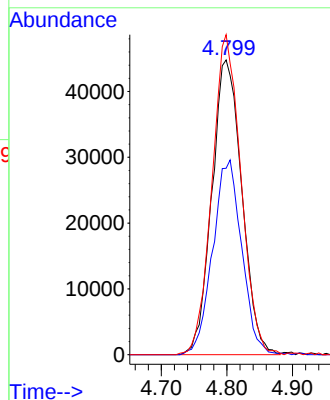
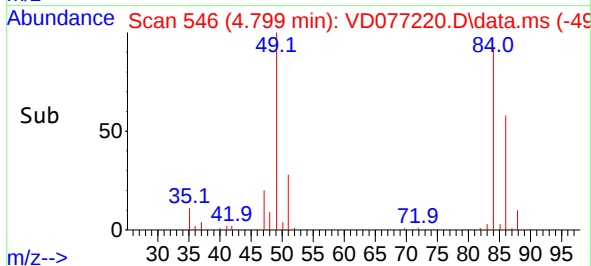


#16
Methylene chloride
Concen: 22.137 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

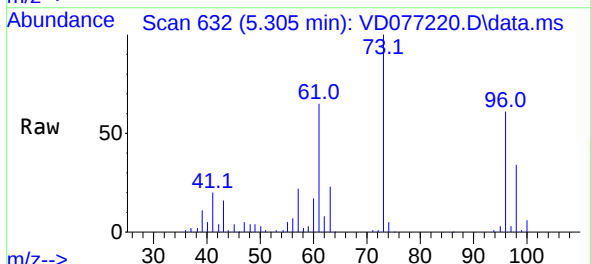
Instrument :
MSVOA_D
ClientSampleId :



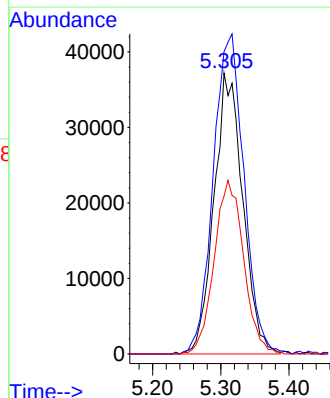
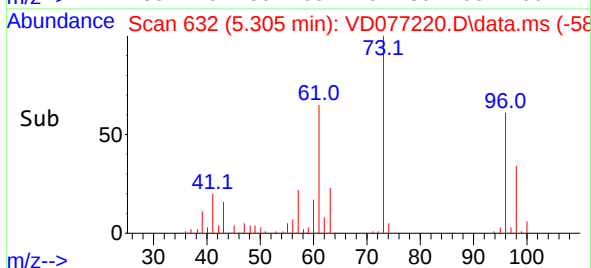
Tgt Ion: 84 Resp: 142132
Ion Ratio Lower Upper
84 100
86 63.3 45.2 84.0
49 108.6 73.4 136.4

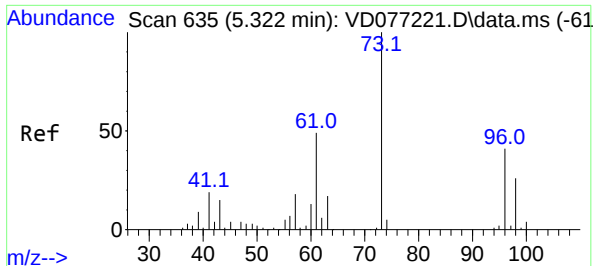


#17
trans-1,2-Dichloroethene
Concen: 24.353 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42



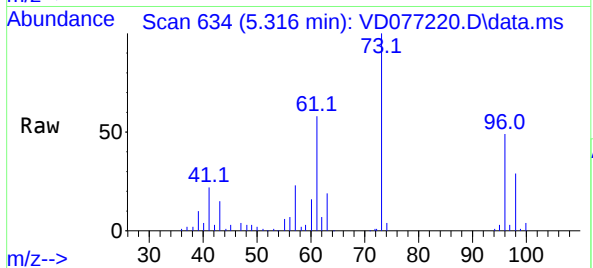
Tgt Ion: 96 Resp: 109511
Ion Ratio Lower Upper
96 100
61 107.7 84.1 156.3
98 56.2 42.0 78.0



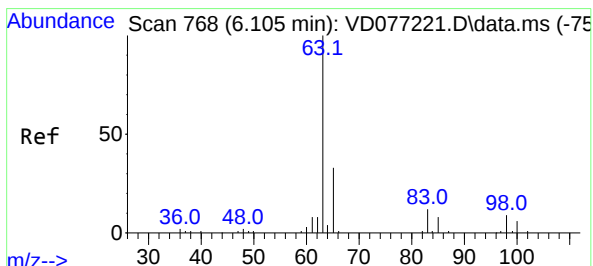
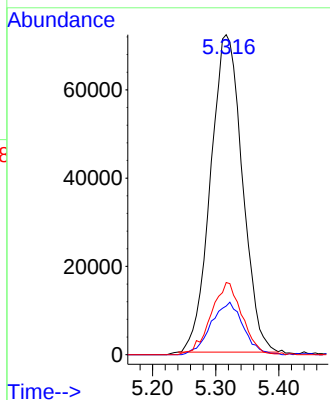
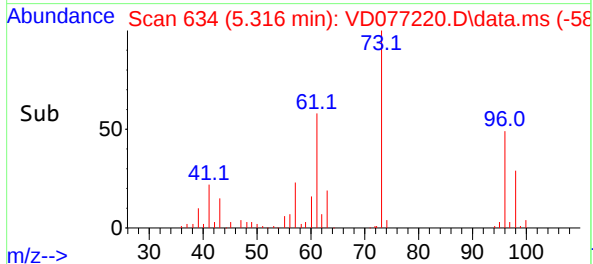


#18
Methyl tert-butyl Ether
Concen: 23.734 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

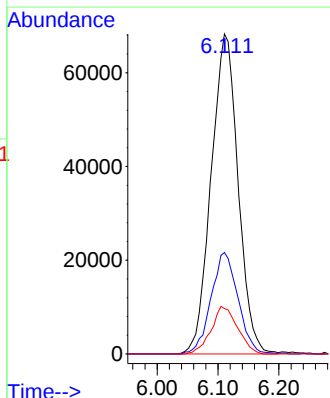
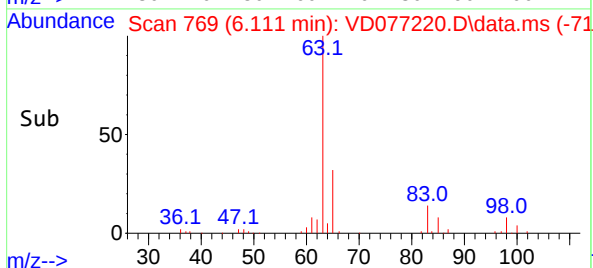
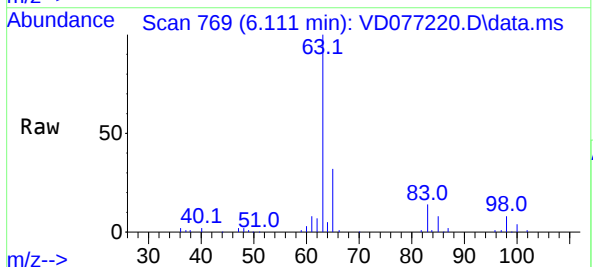


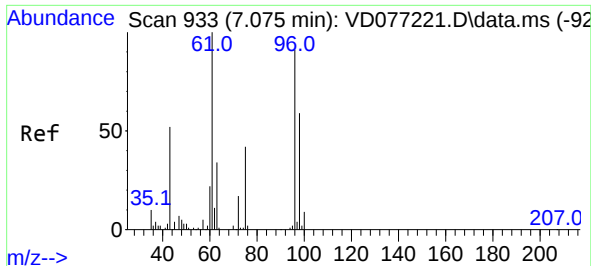
Tgt Ion: 73 Resp: 251578
Ion Ratio Lower Upper
73 100
43 16.8 12.7 19.1
57 22.2 17.2 25.8



#19
1,1-Dichloroethane
Concen: 24.766 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

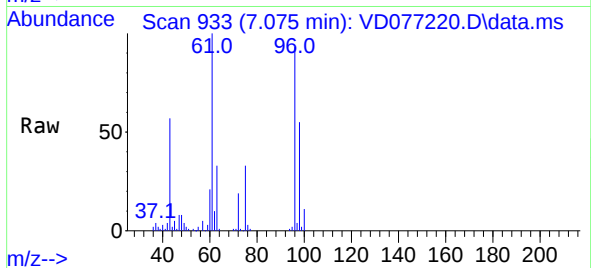
Tgt Ion: 63 Resp: 209900
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 14.2 10.0 18.6



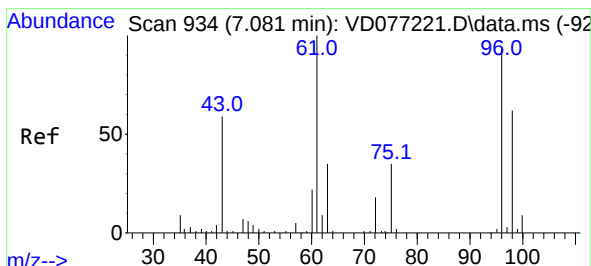
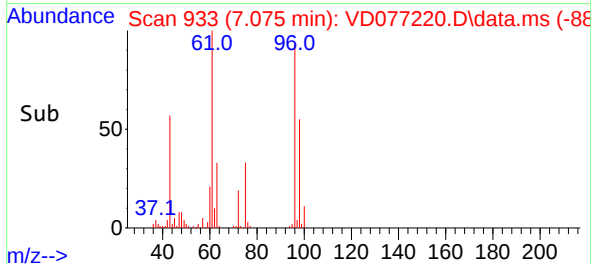
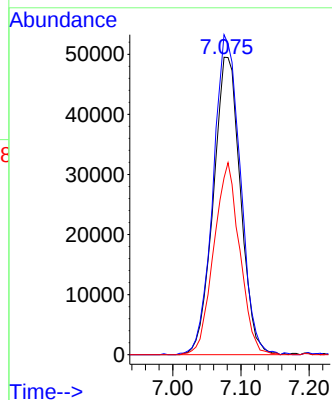


#20
cis-1,2-Dichloroethene
Concen: 24.947 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

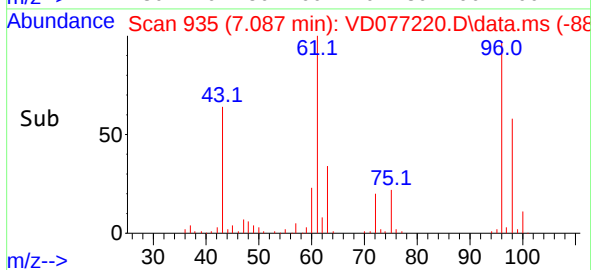
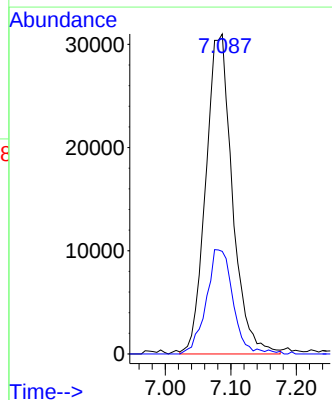
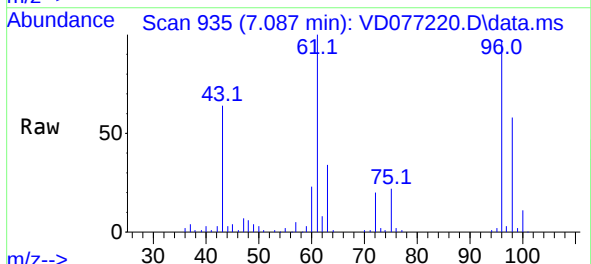


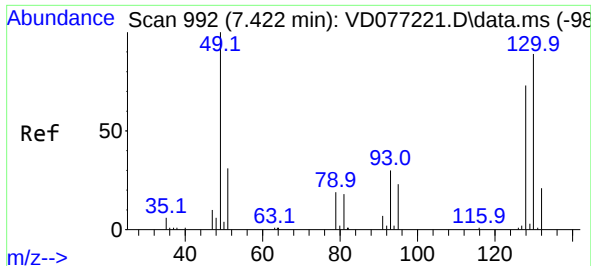
Tgt Ion: 96 Resp: 136966
Ion Ratio Lower Upper
96 100
61 107.6 74.8 139.0
98 59.4 45.1 83.7



#22
2-Butanone
Concen: 52.635 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

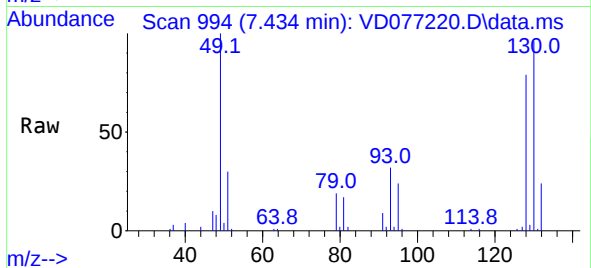
Tgt Ion: 43 Resp: 87285
Ion Ratio Lower Upper
43 100
72 32.1 15.4 46.4



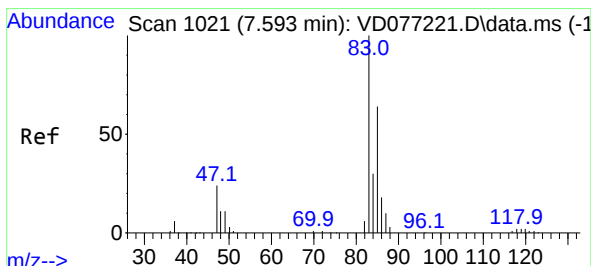
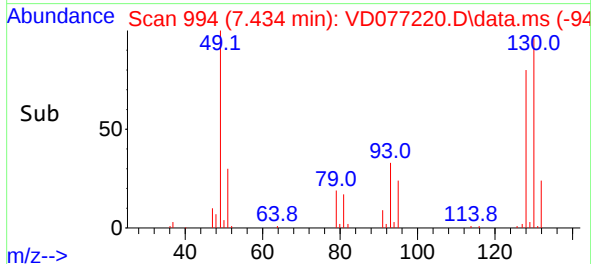
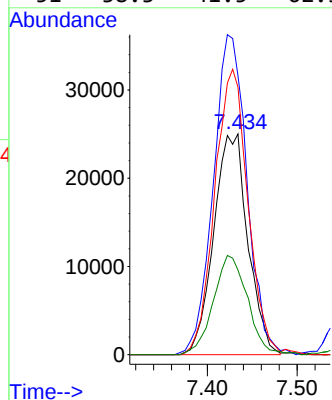


#23
Bromochloromethane
Concen: 25.397 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

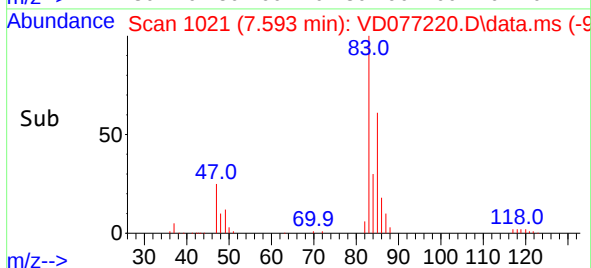
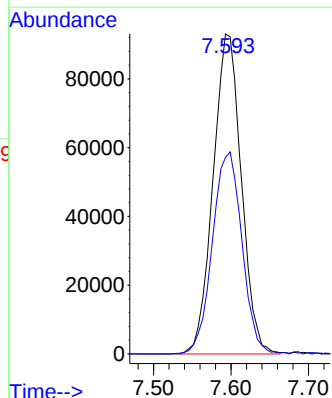
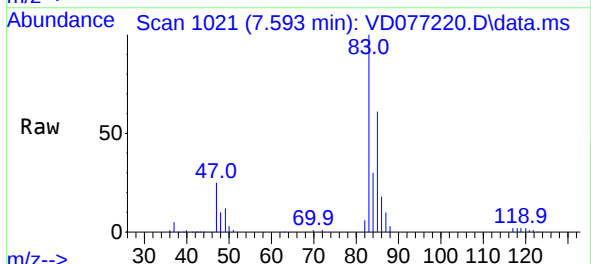


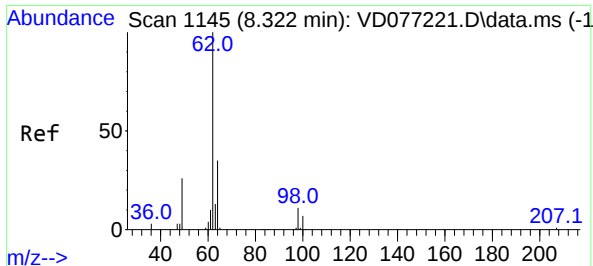
Tgt Ion:128 Resp: 66022
Ion Ratio Lower Upper
128 100
49 126.4 109.4 203.2
130 121.2 97.1 180.3
51 38.3 41.5 62.3#



#25
Chloroform
Concen: 25.127 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 83 Resp: 235653
Ion Ratio Lower Upper
83 100
85 61.4 44.4 82.5

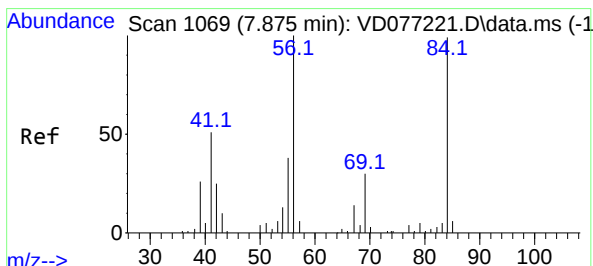
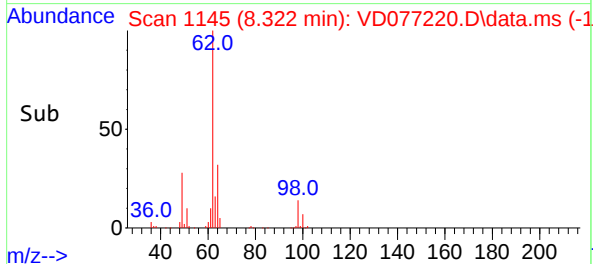
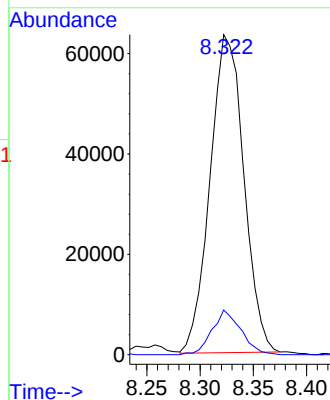
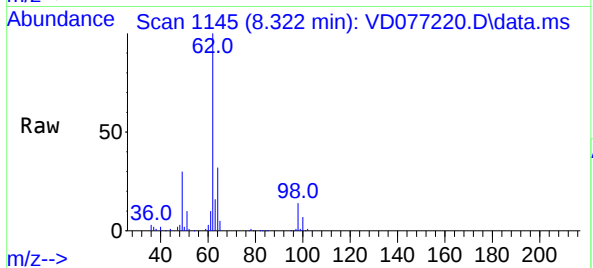




#27
1,2-Dichloroethane
Concen: 25.192 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

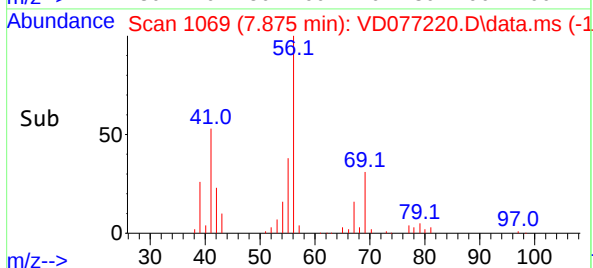
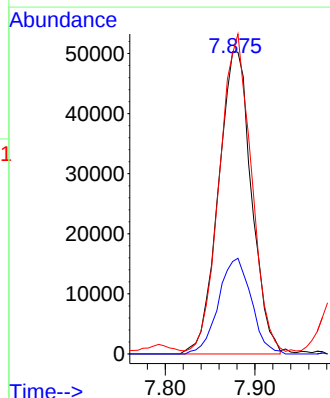
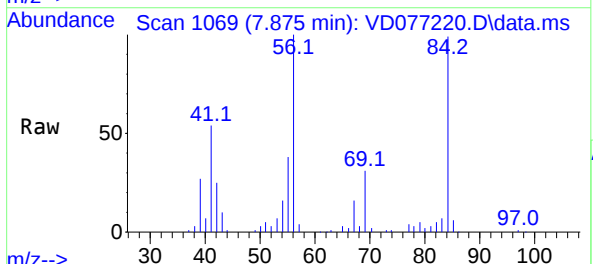
Instrument :
MSVOA_D
ClientSampleId :

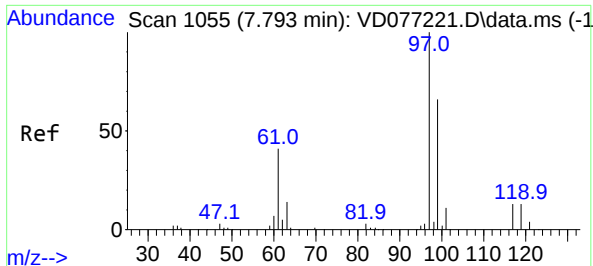
Tgt Ion: 62 Resp: 139782
Ion Ratio Lower Upper
62 100
98 14.0 9.4 14.0



#29
Cyclohexane
Concen: 24.209 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 56 Resp: 128871
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 102.3 80.6 120.8

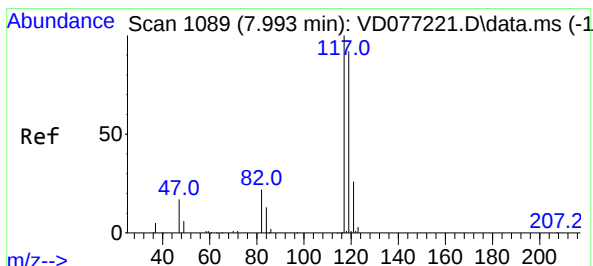
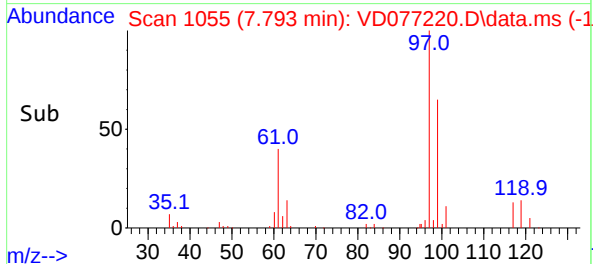
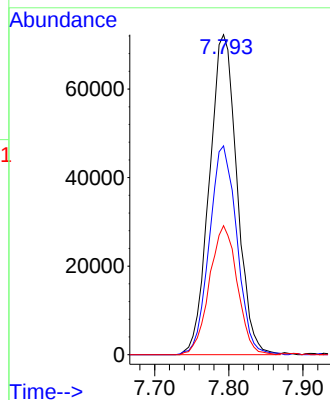
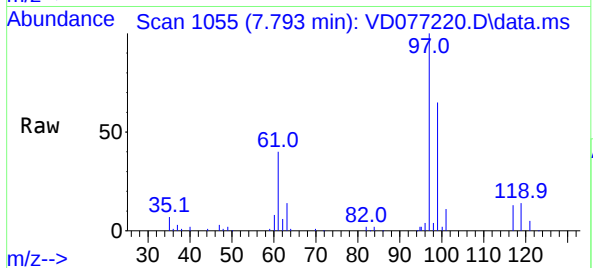




#30
1,1,1-Trichloroethane
Concen: 24.706 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

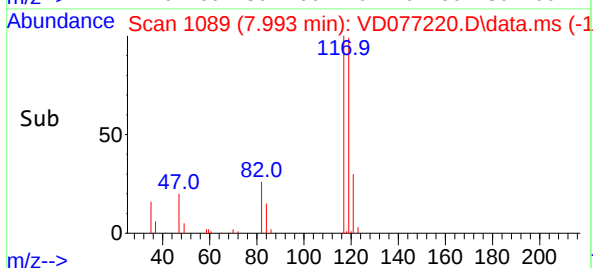
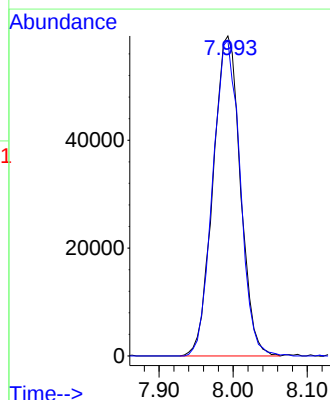
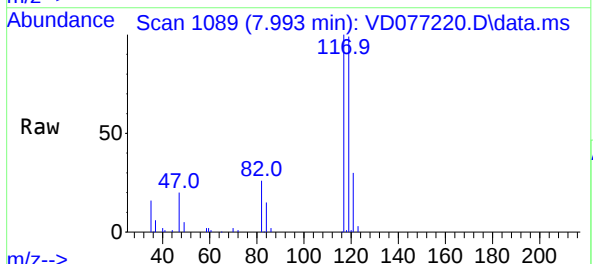
Instrument :
MSVOA_D
ClientSampleId :

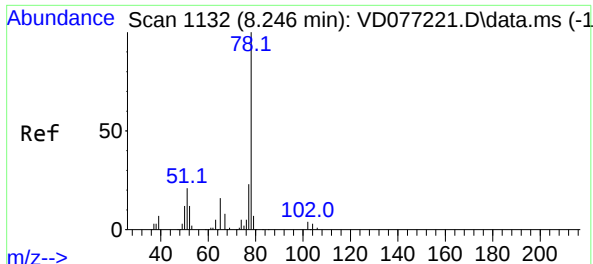
Tgt Ion: 97 Resp: 187282
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 40.7 31.6 47.4



#31
Carbon tetrachloride
Concen: 24.813 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 117 Resp: 152018
Ion Ratio Lower Upper
117 100
119 98.0 75.4 113.0

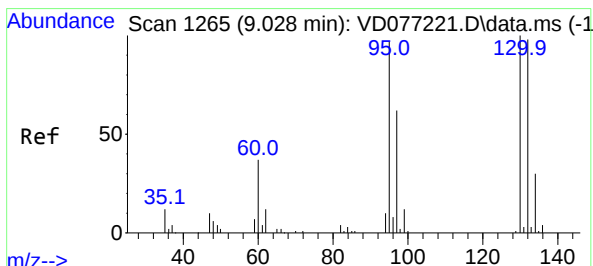
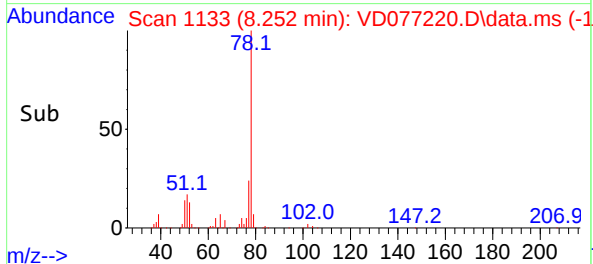
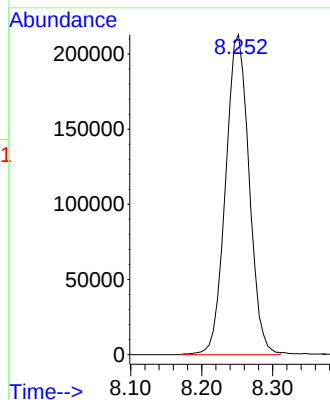
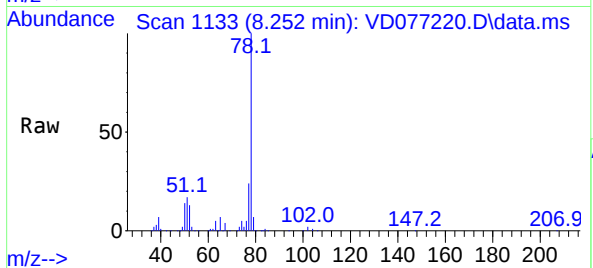




#33
Benzene
Concen: 25.344 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

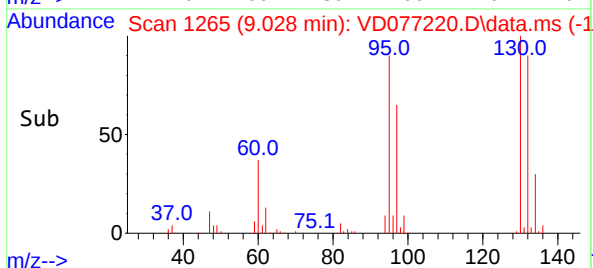
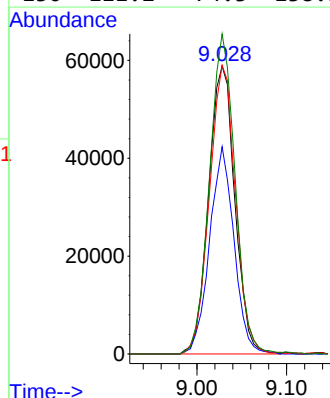
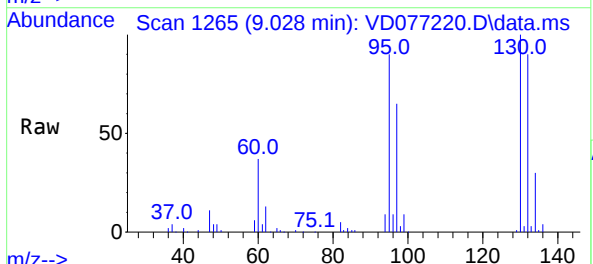
Tgt Ion: 78 Resp: 489651

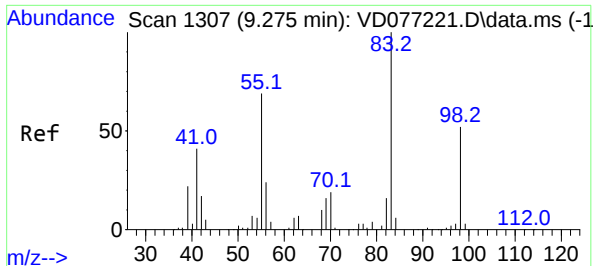


#34
Trichloroethene
Concen: 24.429 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 95 Resp: 119096

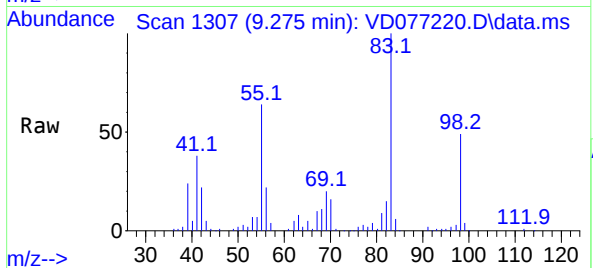
Ion	Ratio	Lower	Upper
95	100		
97	72.0	46.5	86.5
132	100.3	71.8	133.4
130	111.2	74.3	138.1



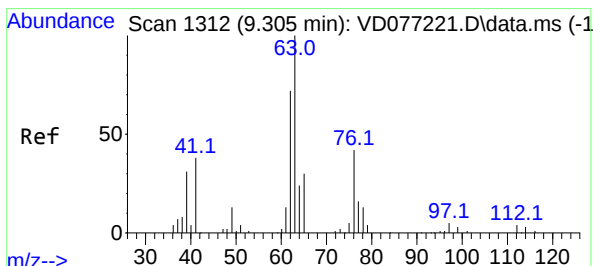
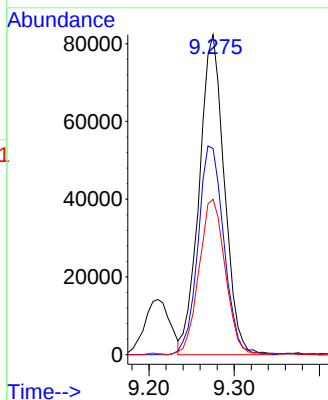
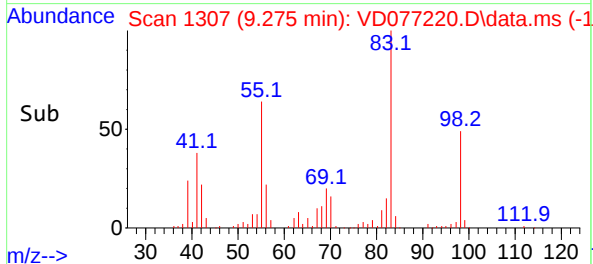


#35
Methylcyclohexane
Concen: 24.837 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

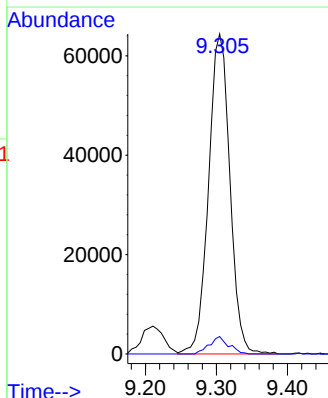
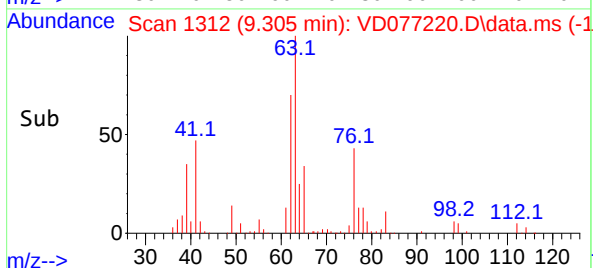
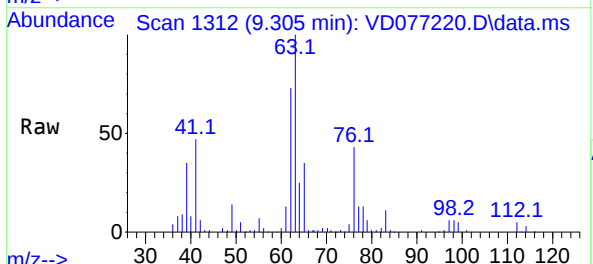


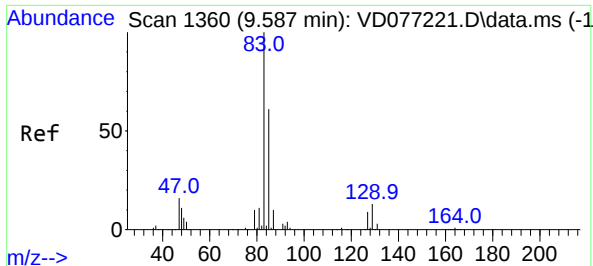
Tgt Ion: 83 Resp: 168633
Ion Ratio Lower Upper
83 100
55 67.0 53.0 79.4
98 50.6 39.4 59.0



#37
1,2-Dichloropropane
Concen: 25.321 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 63 Resp: 134211
Ion Ratio Lower Upper
63 100
112 4.9 3.4 5.2

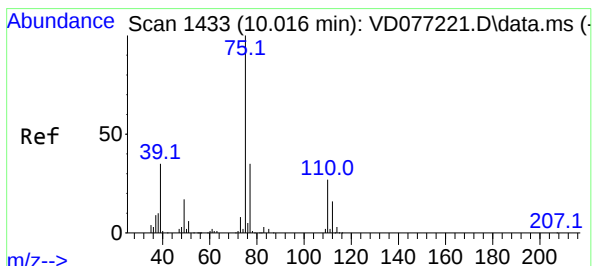
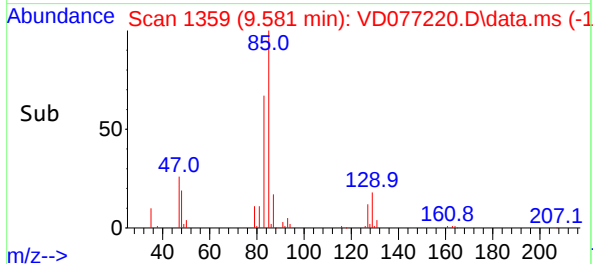
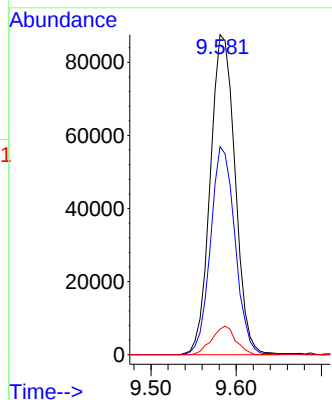
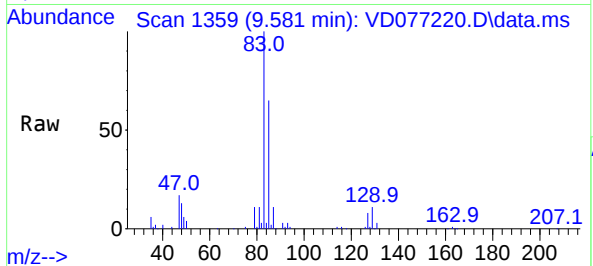




#38
Bromodichloromethane
Concen: 25.183 ug/L
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

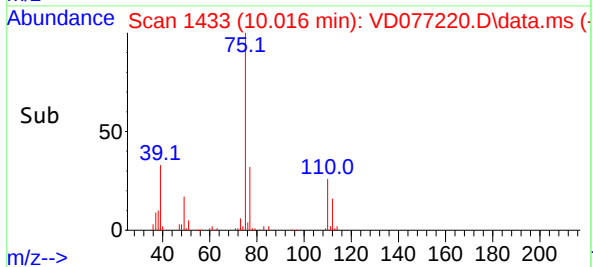
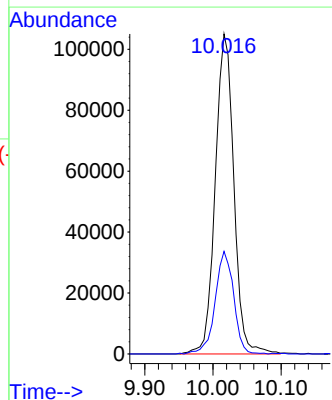
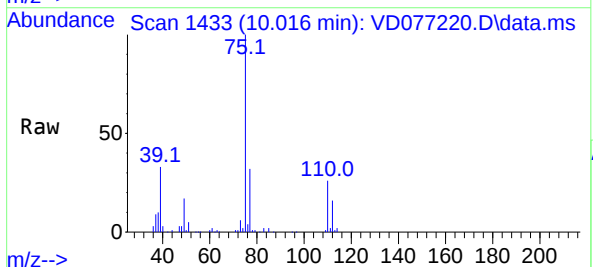
Instrument :
MSVOA_D
ClientSampleId :

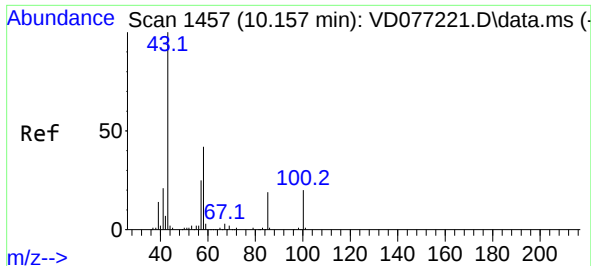
Tgt Ion: 83 Resp: 177389
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.2
127 8.0 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 24.778 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 75 Resp: 199520
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0

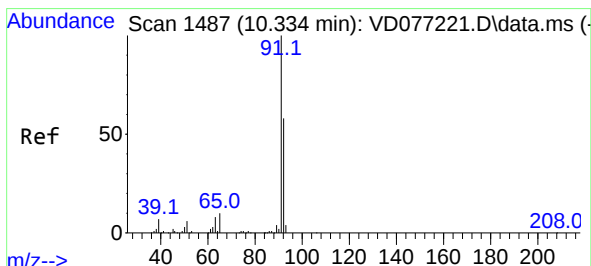
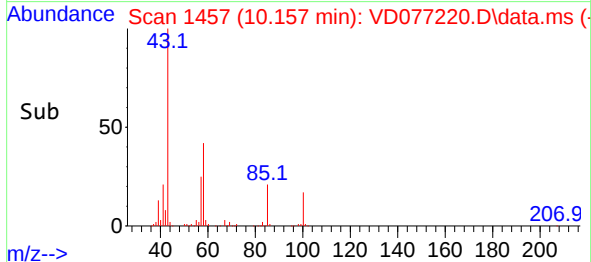
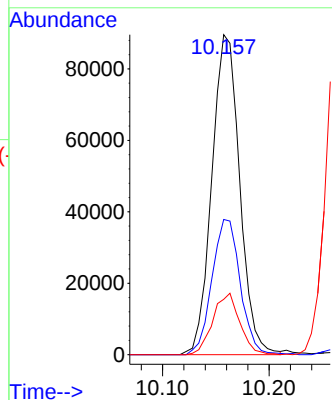
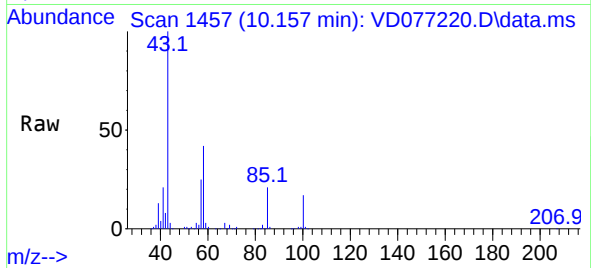




#40
4-Methyl-2-pentanone
Concen: 53.634 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

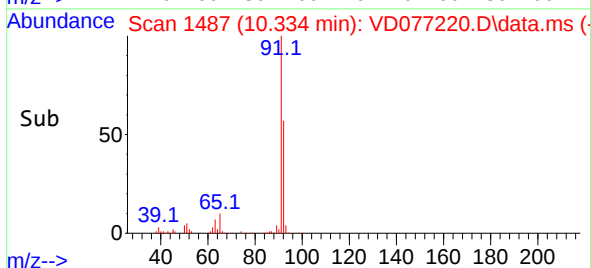
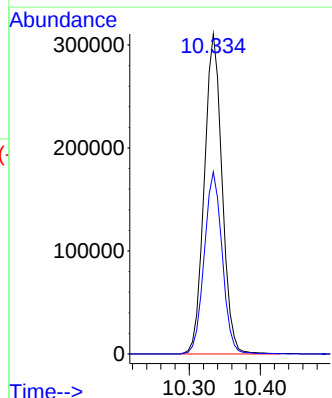
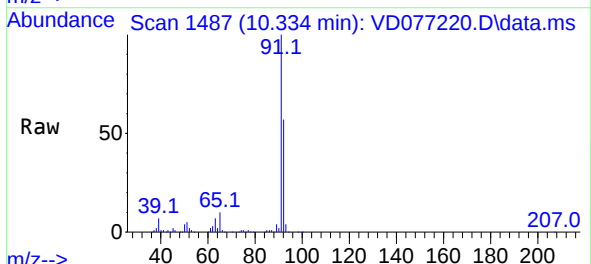
Instrument :
MSVOA_D
ClientSampleId :

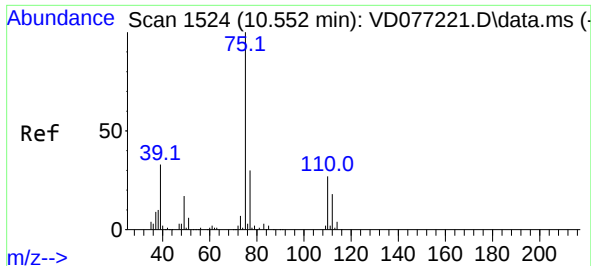
Tgt Ion: 43 Resp: 162895
Ion Ratio Lower Upper
43 100
58 42.8 33.9 50.9
100 18.6 14.9 22.3



#42
Toluene
Concen: 25.955 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 91 Resp: 540985
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.3

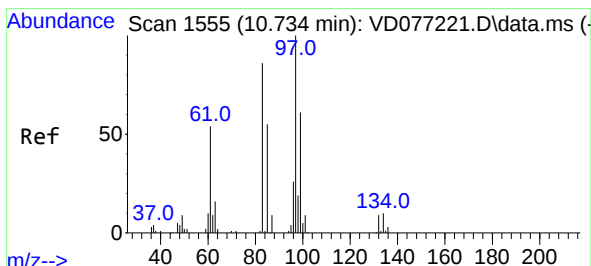
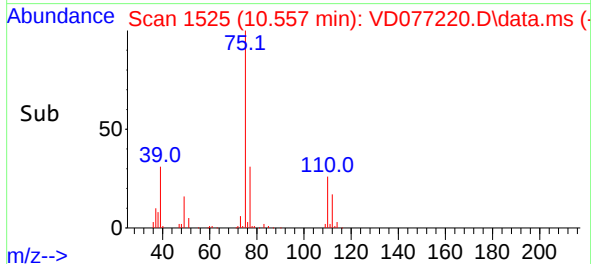
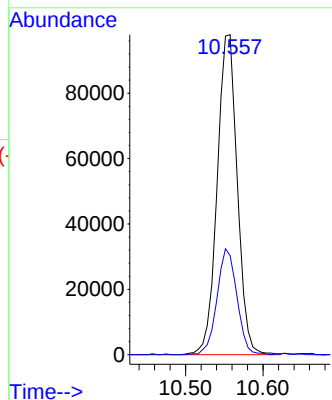
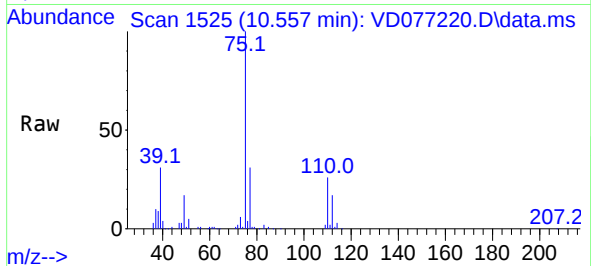




#44
trans-1,3-Dichloropropene
Concen: 25.399 ug/L
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

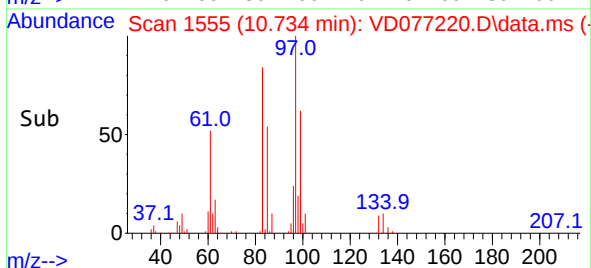
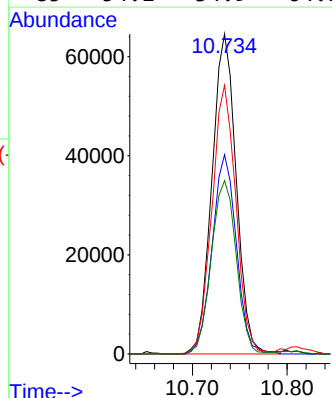
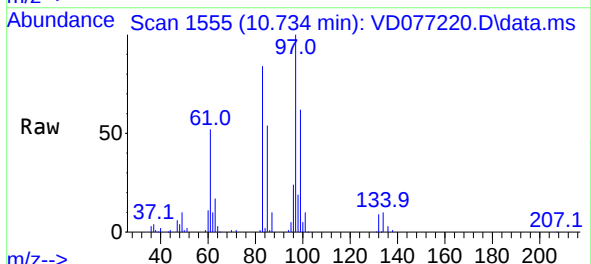
Instrument :
MSVOA_D
ClientSampleId :

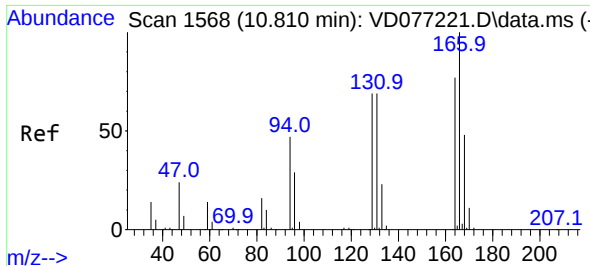
Tgt Ion: 75 Resp: 176791
Ion Ratio Lower Upper
75 100
77 30.9 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 25.433 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

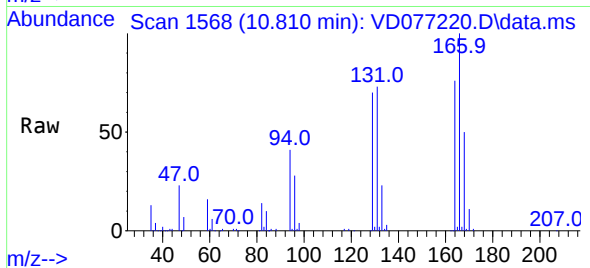
Tgt Ion: 97 Resp: 114798
Ion Ratio Lower Upper
97 100
99 62.3 44.2 82.0
83 84.0 56.4 104.7
85 54.1 34.9 64.9





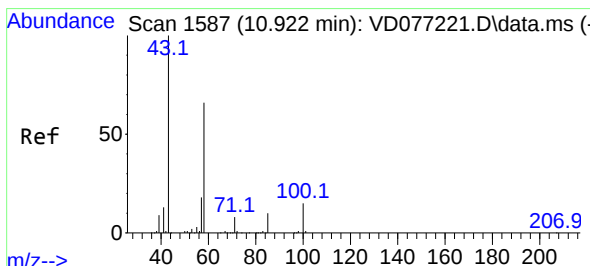
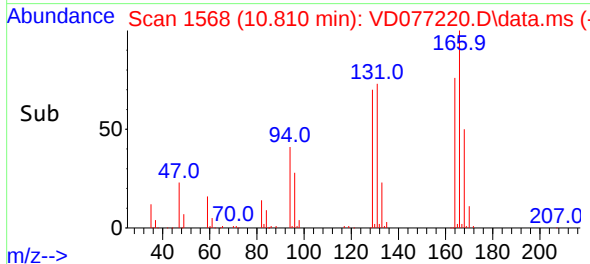
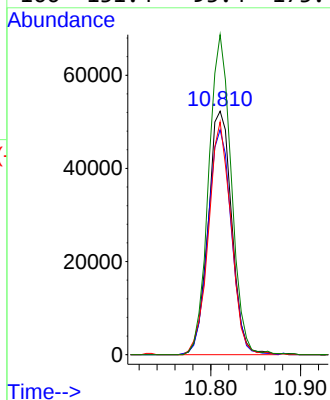
#46
Tetrachloroethene
Concen: 25.026 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:164 Resp: 95703

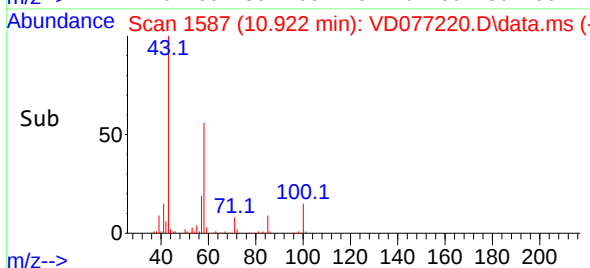
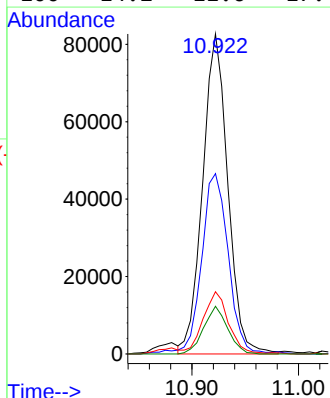
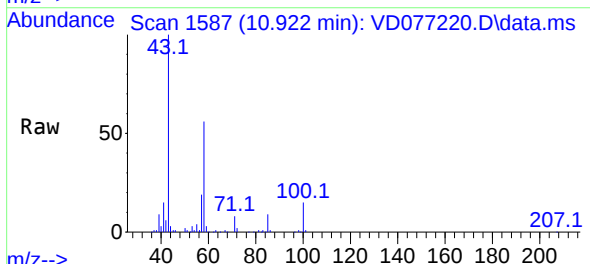
Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.1	122.8
131	95.6	63.5	117.9
166	131.4	93.4	173.4

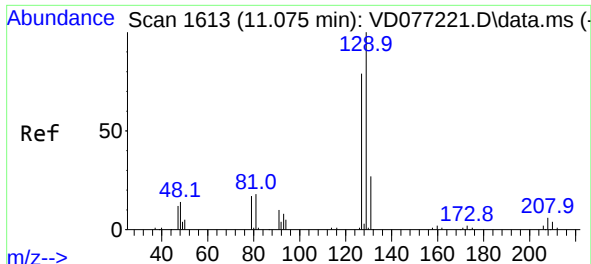


#48
2-Hexanone
Concen: 58.284 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 43 Resp: 135751

Ion	Ratio	Lower	Upper
43	100		
58	59.0	47.8	71.8
57	19.7	15.6	23.4
100	14.2	11.6	17.4





#49

Dibromochloromethane

Concen: 25.679 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077220.D

Acq: 26 Sep 2023 10:42

Instrument :

MSVOA_D

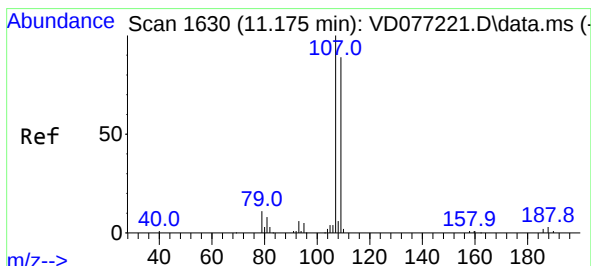
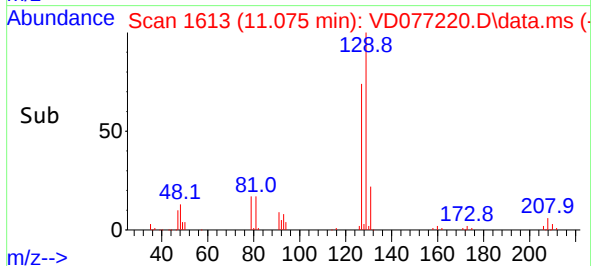
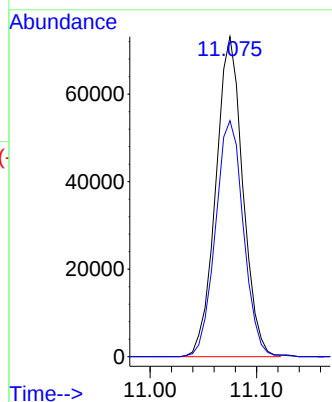
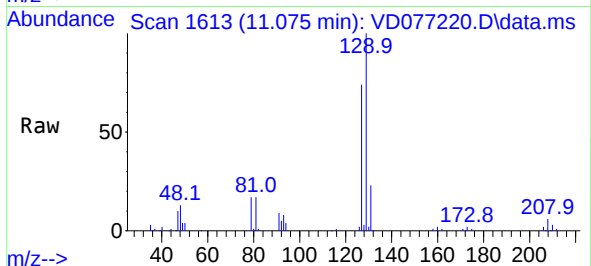
ClientSampleId :

Tgt Ion:129 Resp: 129010

Ion Ratio Lower Upper

129 100

127 73.7 54.5 101.1



#50

1,2-Dibromoethane

Concen: 25.504 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD077220.D

Acq: 26 Sep 2023 10:42

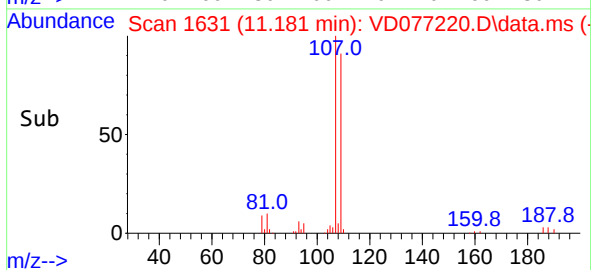
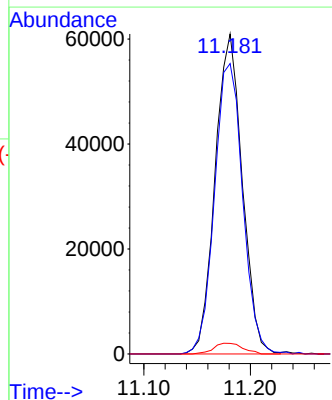
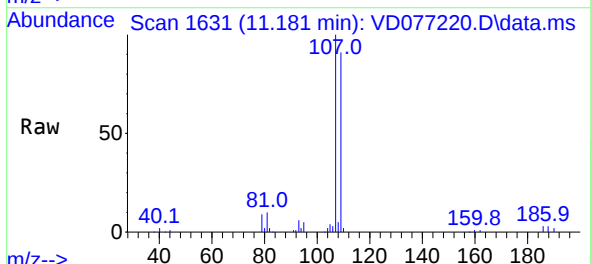
Tgt Ion:107 Resp: 107732

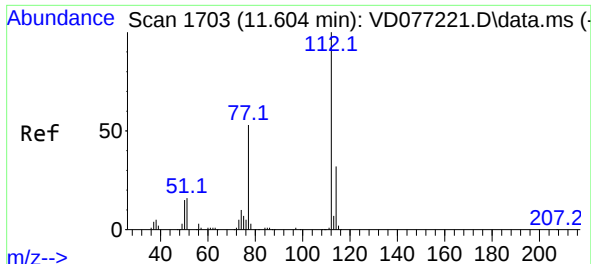
Ion Ratio Lower Upper

107 100

109 90.8 68.8 127.8

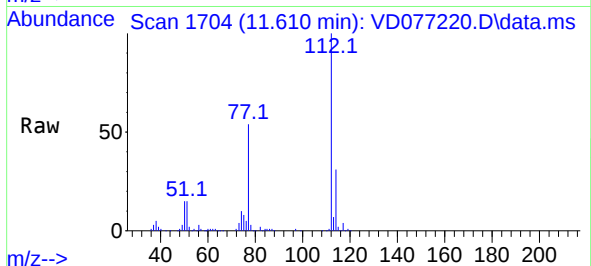
188 3.3 3.0 4.6



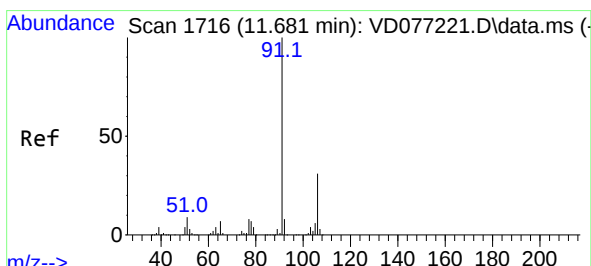
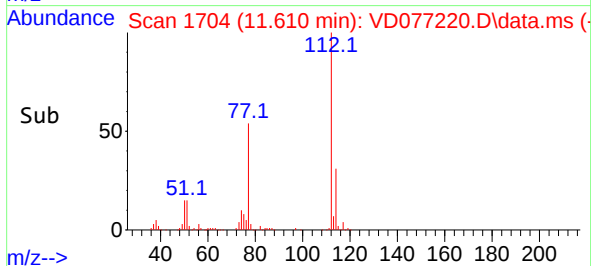
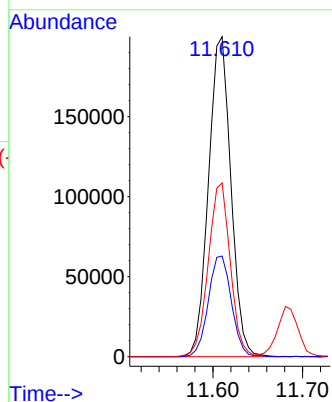


#51
Chlorobenzene
Concen: 24.475 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

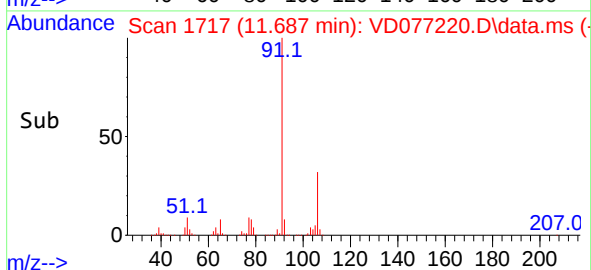
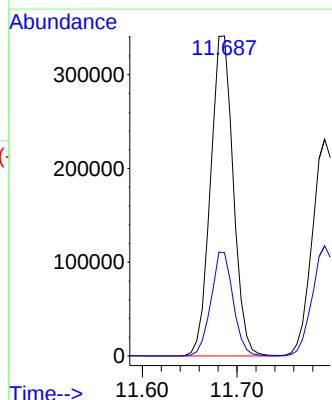
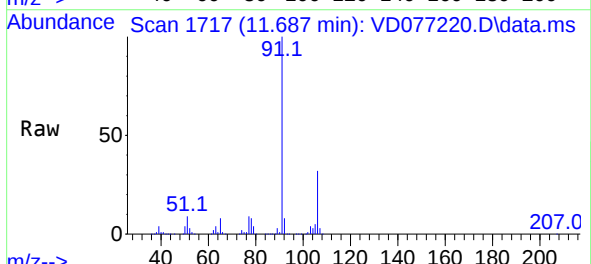


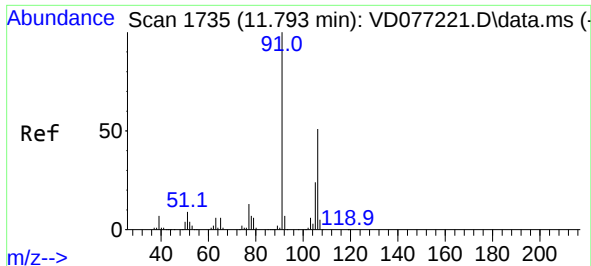
Tgt Ion:112 Resp: 346491
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.1
77 54.3 40.8 61.2



#52
Ethylbenzene
Concen: 25.220 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 91 Resp: 569884
Ion Ratio Lower Upper
91 100
106 32.3 23.2 43.0

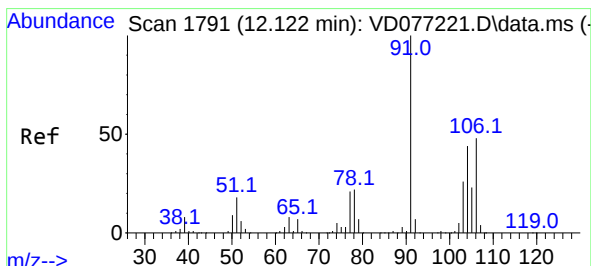
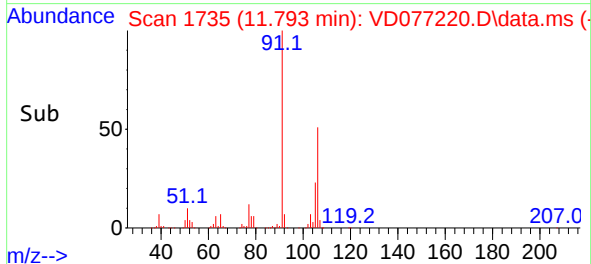
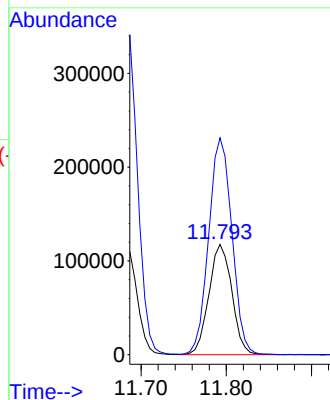
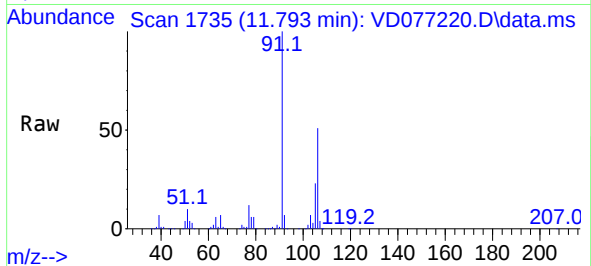




#53
m,p-Xylene
Concen: 25.531 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

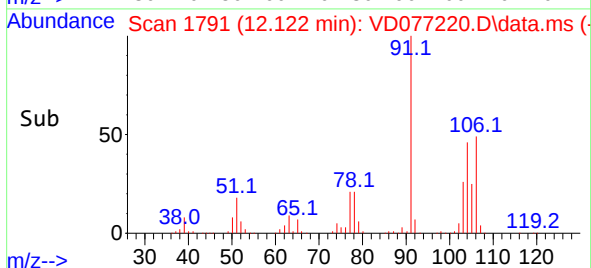
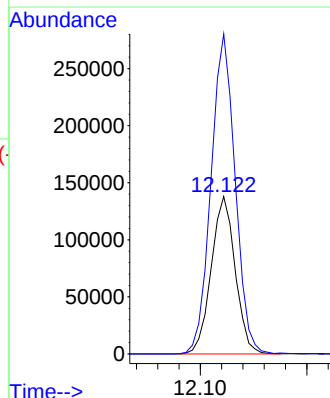
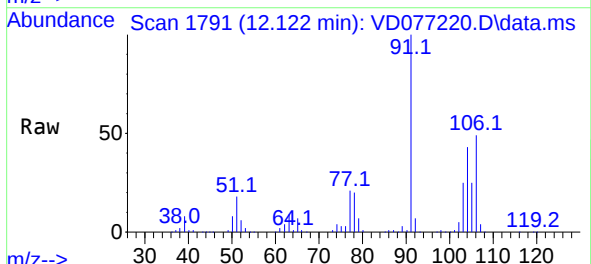
Instrument :
MSVOA_D
ClientSampleId :

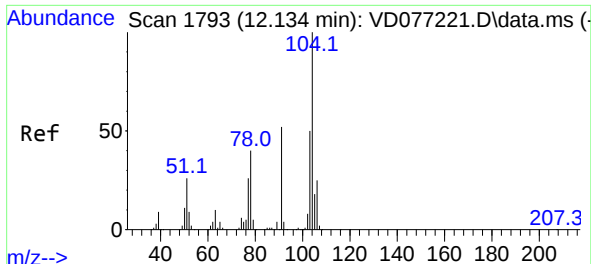
Tgt Ion:106 Resp: 220029
Ion Ratio Lower Upper
106 100
91 196.7 132.8 246.6



#54
o-Xylene
Concen: 25.620 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion:106 Resp: 215296
Ion Ratio Lower Upper
106 100
91 203.3 146.7 272.5

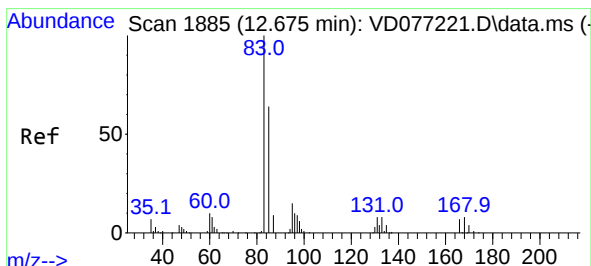
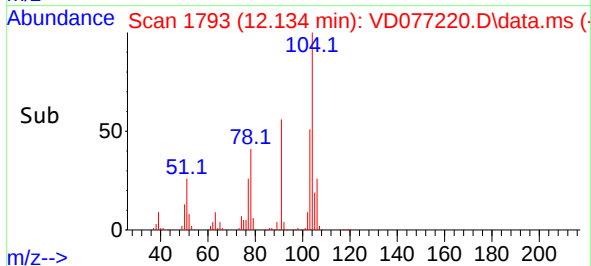
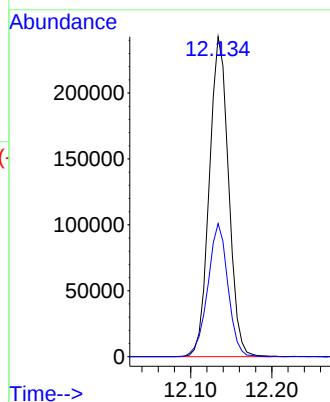
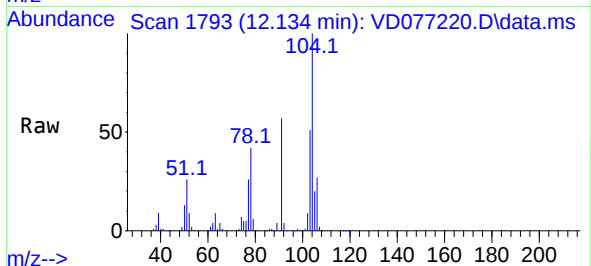




#55
Styrene
Concen: 26.162 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

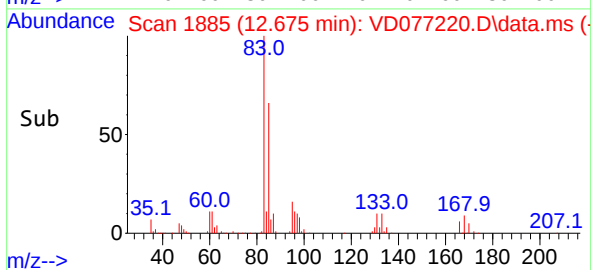
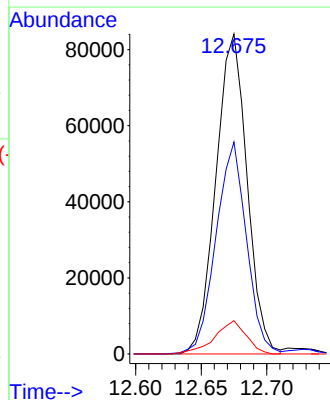
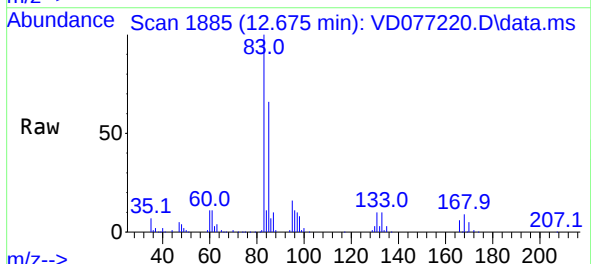
Instrument :
MSVOA_D
ClientSampleId :

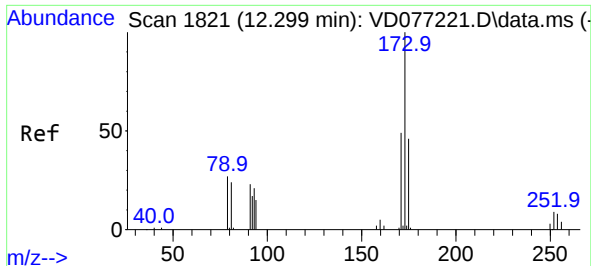
Tgt Ion:104 Resp: 399720
Ion Ratio Lower Upper
104 100
78 41.6 29.0 53.8



#57
1,1,2,2-Tetrachloroethane
Concen: 25.752 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 83 Resp: 138962
Ion Ratio Lower Upper
83 100
85 66.3 44.0 81.8
131 10.4 7.7 11.5

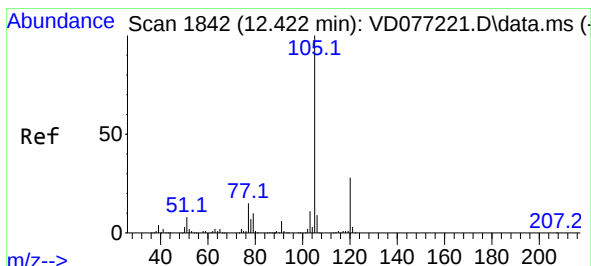
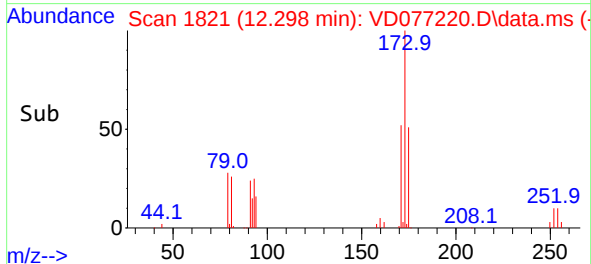
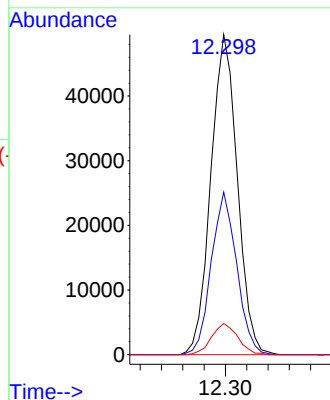
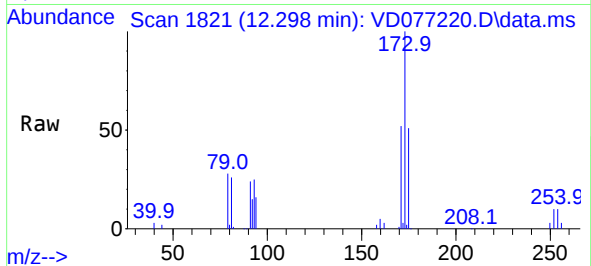




#59
Bromoform
Concen: 26.199 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

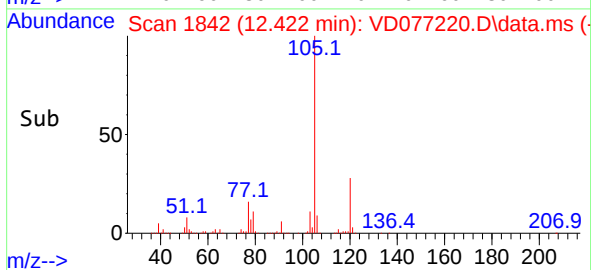
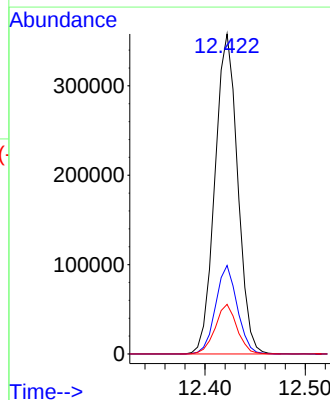
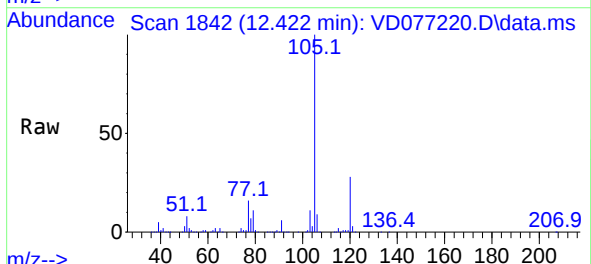
Instrument :
MSVOA_D
ClientSampleId :

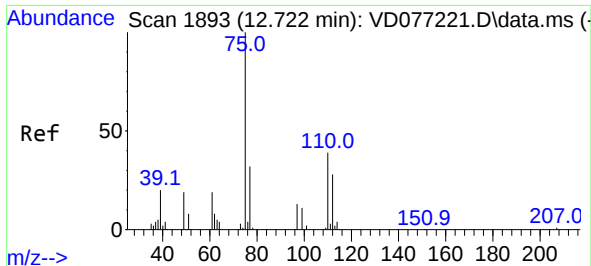
Tgt Ion:173 Resp: 85338
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
254 9.7 7.1 10.7



#60
Isopropylbenzene
Concen: 24.914 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

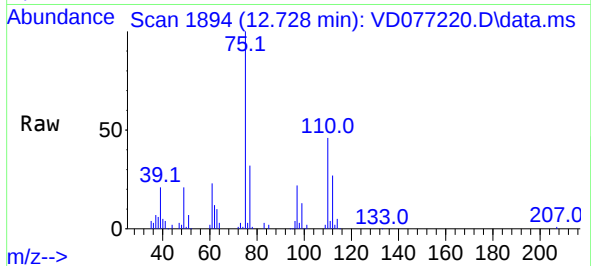
Tgt Ion:105 Resp: 563198
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 14.9 11.5 17.3



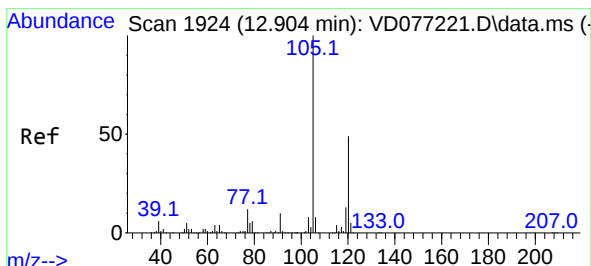
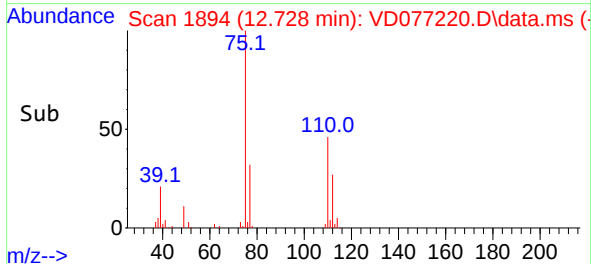
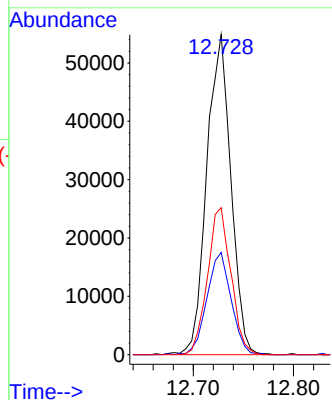


#61
1,2,3-Trichloropropane
Concen: 25.008 ug/L
RT: 12.728 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

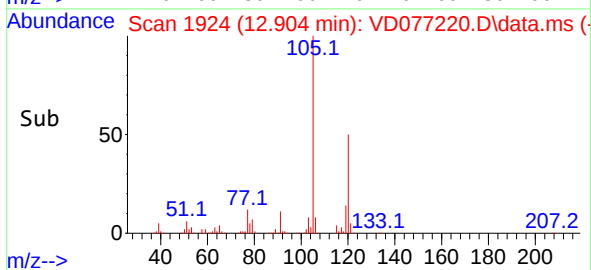
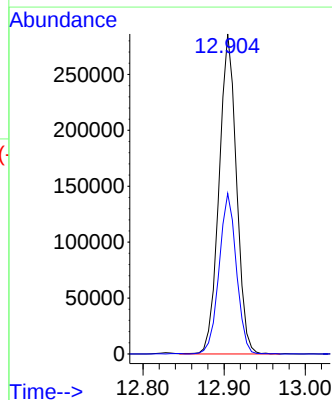
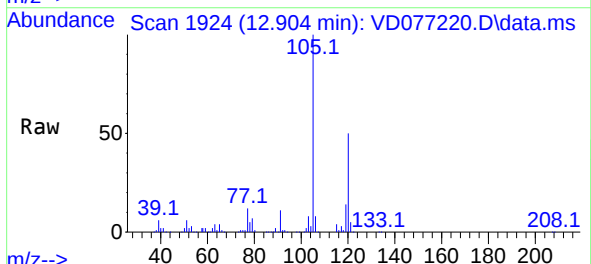


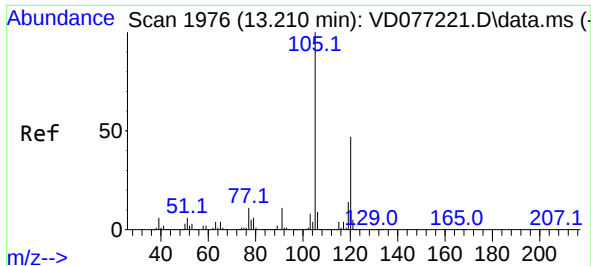
Tgt Ion: 75 Resp: 91628
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 44.7 33.8 50.8



#62
1,3,5-Trimethylbenzene
Concen: 24.703 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Tgt Ion: 105 Resp: 426961
Ion Ratio Lower Upper
105 100
120 49.8 39.4 59.2

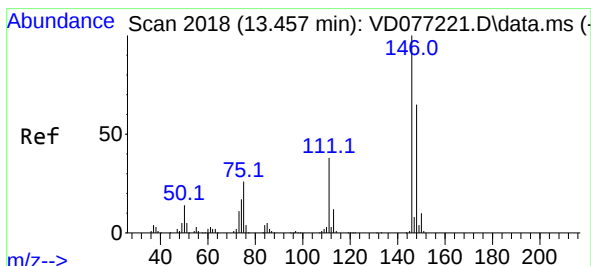
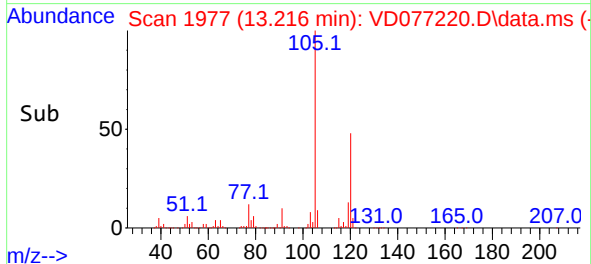
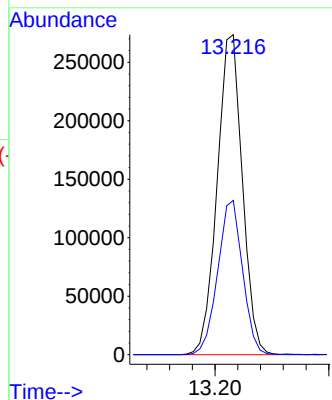
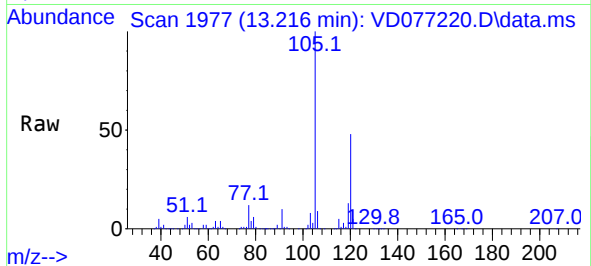




#63
1,2,4-Trimethylbenzene
Concen: 24.579 ug/L
RT: 13.216 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

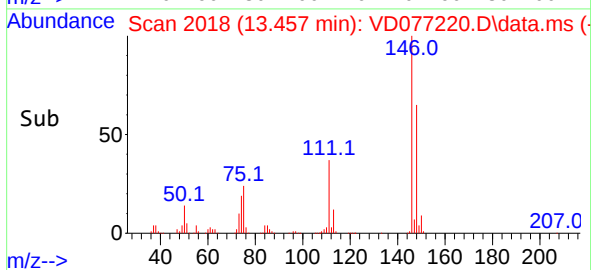
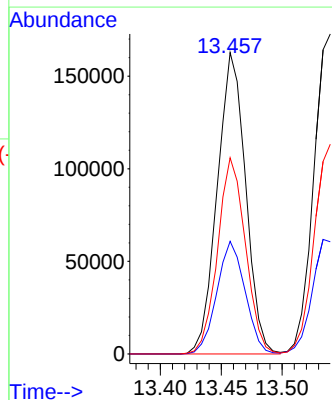
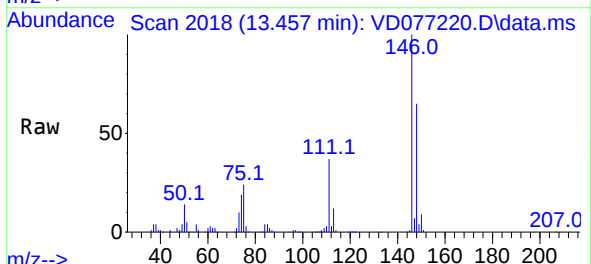
Instrument :
MSVOA_D
ClientSampleId :

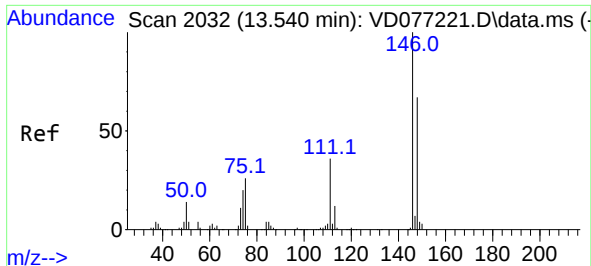
Tgt Ion:105 Resp: 421825
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4



#64
1,3-Dichlorobenzene
Concen: 23.989 ug/L
RT: 13.457 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

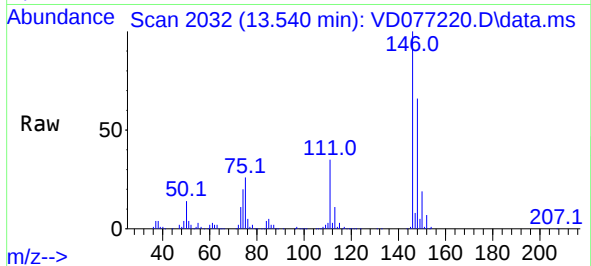
Tgt Ion:146 Resp: 263922
Ion Ratio Lower Upper
146 100
111 37.4 26.1 48.5
148 65.0 45.3 84.1



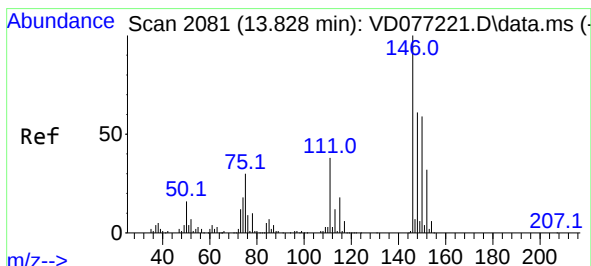
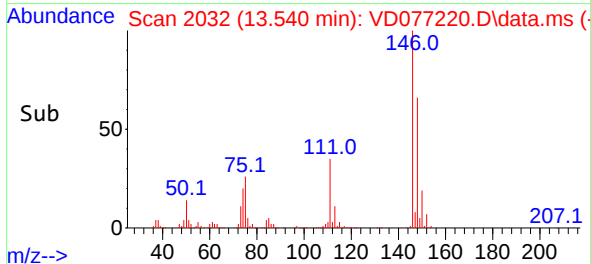
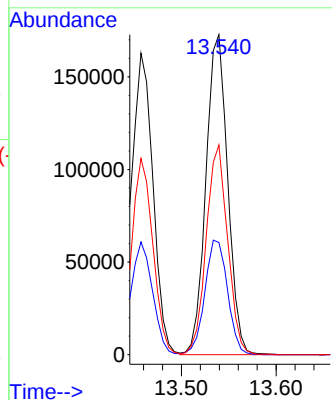


#65
1,4-Dichlorobenzene
Concen: 24.037 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

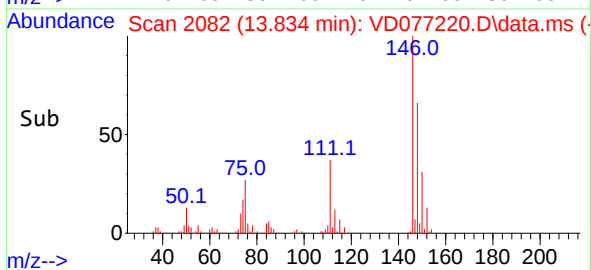
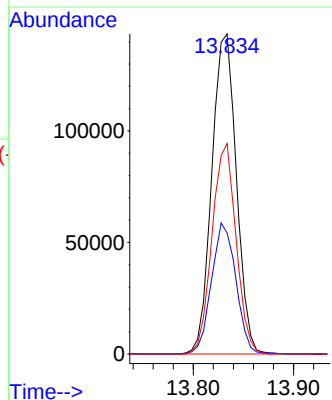
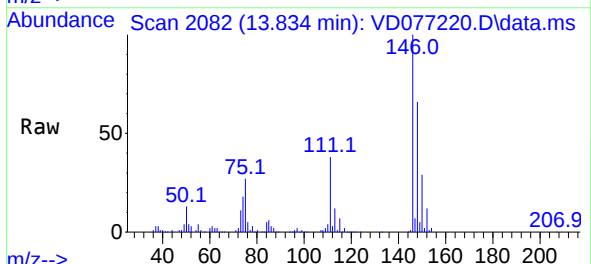


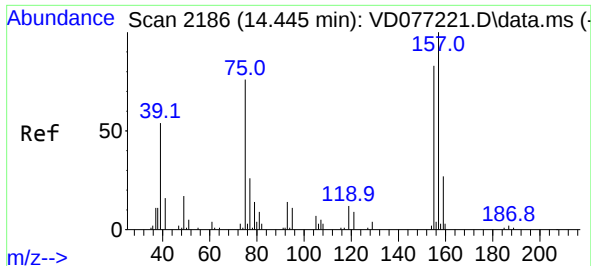
Tgt Ion:146 Resp: 276345
Ion Ratio Lower Upper
146 100
111 35.1 24.6 45.8
148 65.5 43.5 80.7



#67
1,2-Dichlorobenzene
Concen: 24.068 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

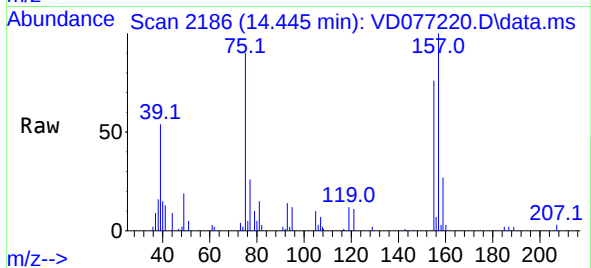
Tgt Ion:146 Resp: 243933
Ion Ratio Lower Upper
146 100
111 37.8 32.3 48.5
148 65.7 51.4 77.0



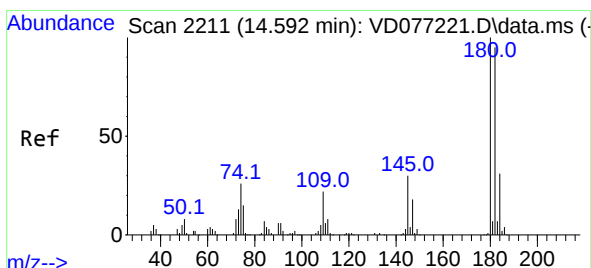
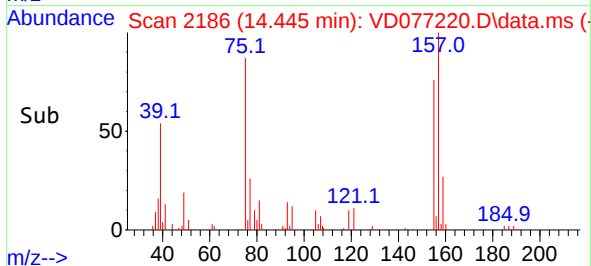
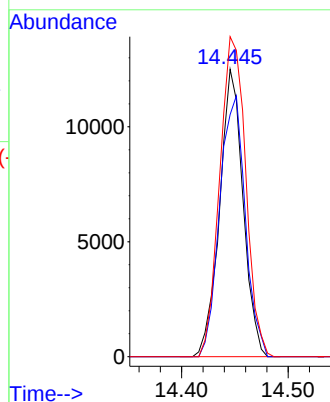


#68
1,2-Dibromo-3-chloropropane
Concen: 24.348 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

Instrument :
MSVOA_D
ClientSampleId :

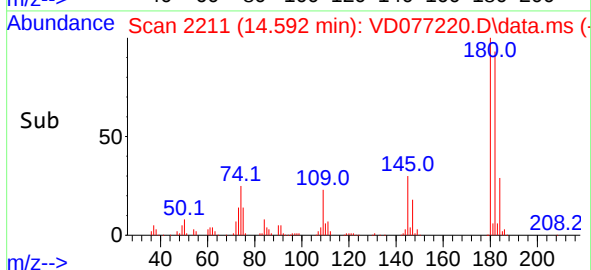
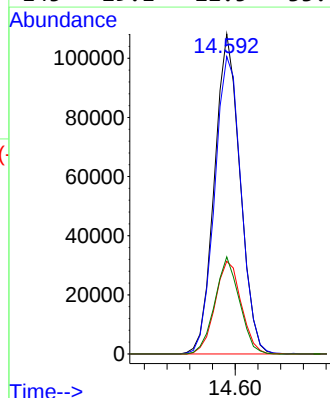
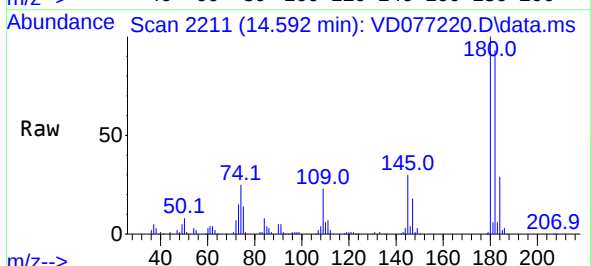


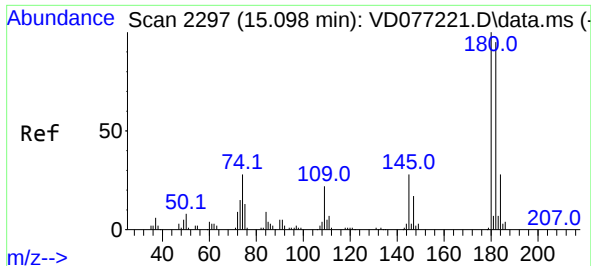
Tgt Ion: 75 Resp: 19088
Ion Ratio Lower Upper
75 100
155 84.2 69.8 104.6
157 111.3 91.5 137.3



#69
1,3,5-Trichlorobenzene
Concen: 23.434 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

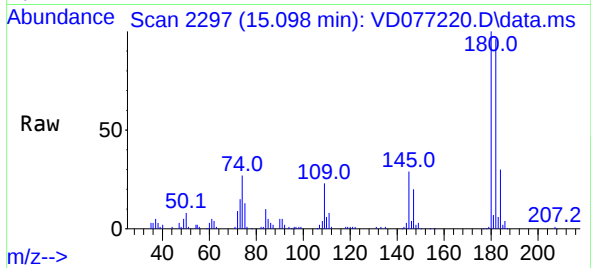
Tgt Ion:180 Resp: 169492
Ion Ratio Lower Upper
180 100
182 96.1 75.2 112.8
184 29.6 25.0 37.4
145 29.1 22.5 33.7



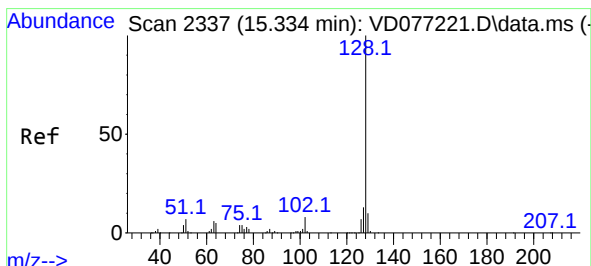
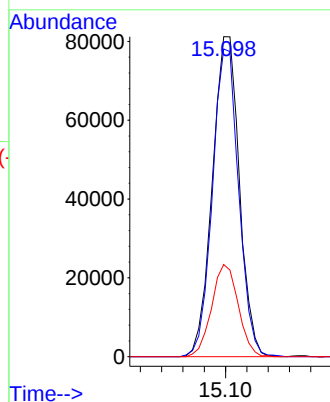
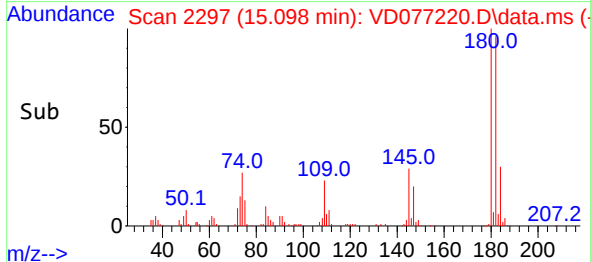


#70
1,2,4-trichlorobenzene
Concen: 22.990 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42

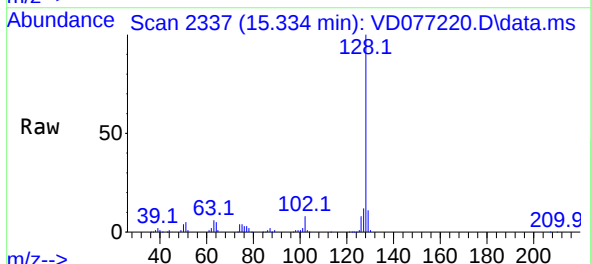
Instrument :
MSVOA_D
ClientSampleId :



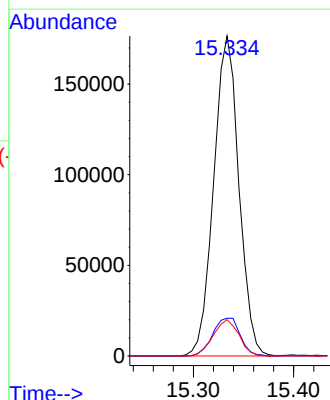
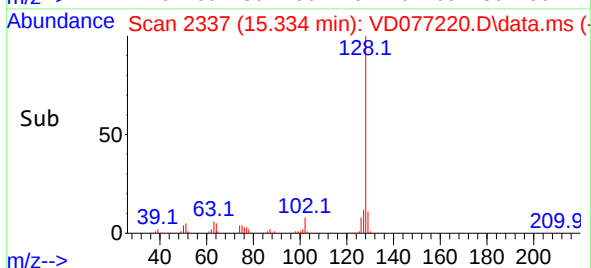
Tgt Ion:180 Resp: 142520
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 28.5 23.0 34.6

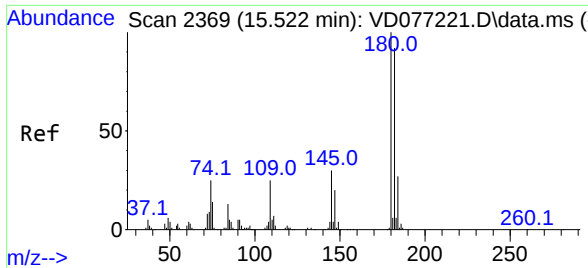


#71
Naphthalene
Concen: 23.978 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077220.D
Acq: 26 Sep 2023 10:42



Tgt Ion:128 Resp: 307688
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.6 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 23.799 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077220.D
 Acq: 26 Sep 2023 10:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:180 Resp: 137834
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.4 116.2
 145 31.4 25.5 38.3

