

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027691.D
 Acq On : 16 Dec 2023 15:00
 Operator : SY/MD
 Sample : 05836-14MSD
 Misc : 5.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 00:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	622015	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	574521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	173020	19.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.560%
7) Chloroethane-d5	2.899	69	141761	20.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.021	65	70818	20.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.280%
21) 2-Butanone-d5	7.081	46	69788	46.524	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.040%
24) Chloroform-d	7.648	84	339078	22.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.307	65	158267	22.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.270	84	715366	21.305	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.270	67	207441	21.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	10.325	98	671904	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	10.575	79	85475	23.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.840%
47) 2-Hexanone-d5	10.922	63	66285	47.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	164774	22.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	227685	21.701	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	140533	19.411	ug/L	94
3) Chloromethane	2.223	50	171106	20.066	ug/L	98
5) Vinyl chloride	2.375	62	199920	19.707	ug/L	96
6) Bromomethane	2.796	94	135071	20.918	ug/L	96
8) Chloroethane	2.936	64	123167	20.306	ug/L	98
9) Trichlorofluoromethane	3.271	101	182182	19.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	160648	20.640	ug/L	94
12) 1,1-Dichloroethene	4.039	96	158127	20.754	ug/L	89
13) Acetone	4.143	43	37126	27.264	ug/L	99
14) Carbon disulfide	4.387	76	511018	19.964	ug/L	98
15) Methyl Acetate	4.679	43	52292	21.256	ug/L	100
16) Methylene chloride	4.923	84	171742	17.609	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	169424	21.029	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	237096	22.258	ug/L	99
19) 1,1-Dichloroethane	6.216	63	289394	21.123	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	186298	21.966	ug/L	96
22) 2-Butanone	7.179	43	62442	34.531	ug/L	99
23) Bromochloromethane	7.514	128	80314	22.426	ug/L	95
25) Chloroform	7.673	83	292729	21.695	ug/L	95

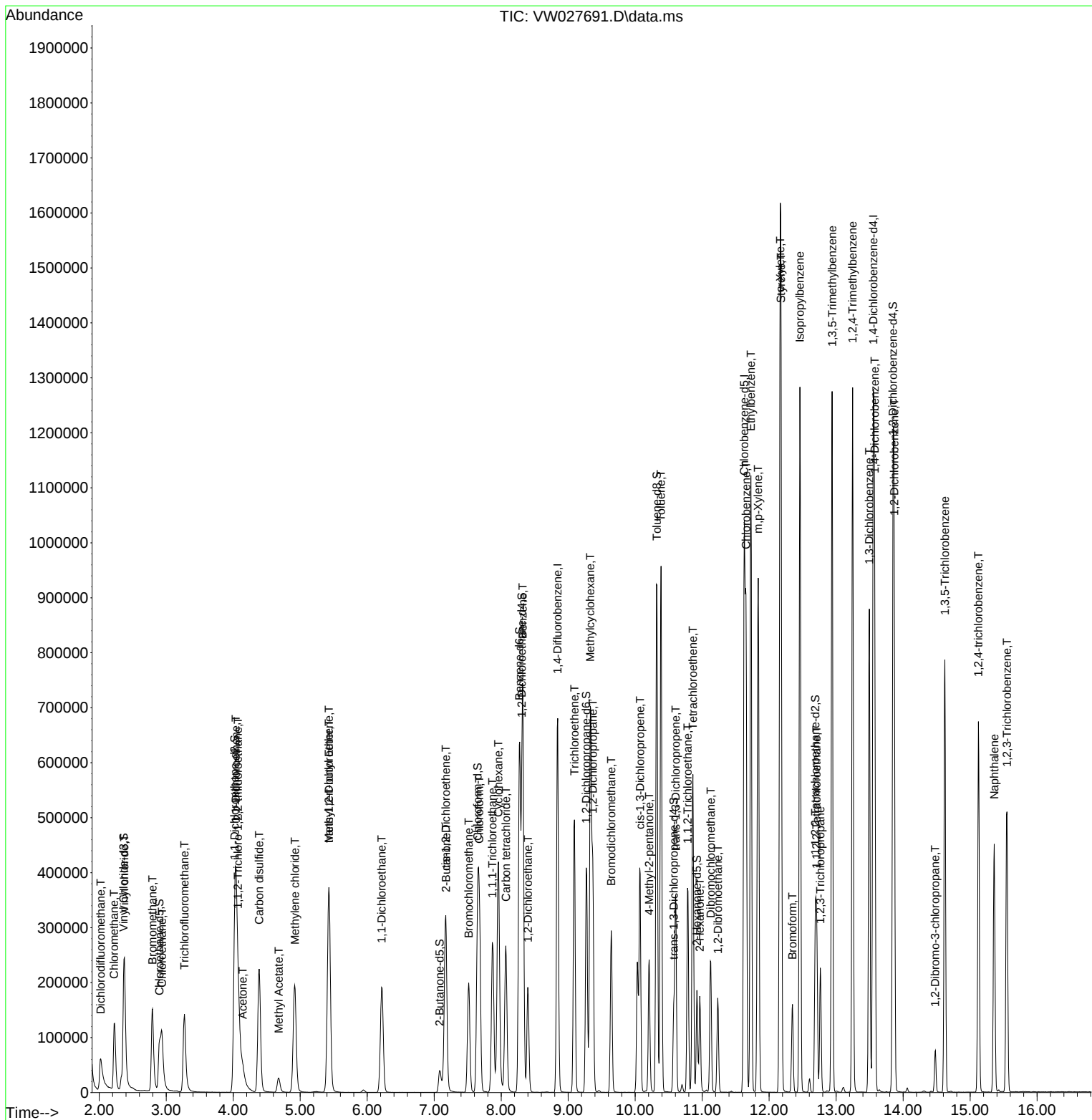
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 Data File : VW027691.D
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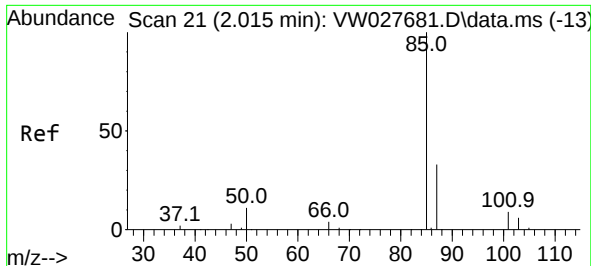
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 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173267	21.903	ug/L	97
29) Cyclohexane	7.959	56	260976	19.199	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	236169	19.679	ug/L	99
31) Carbon tetrachloride	8.069	117	212866	20.155	ug/L	98
33) Benzene	8.319	78	672893	20.204	ug/L	100
34) Trichloroethene	9.093	95	181371	19.979	ug/L	96
35) Methylcyclohexane	9.331	83	320854	19.596	ug/L	99
37) 1,2-Dichloropropane	9.368	63	167530	20.838	ug/L	99
38) Bromodichloromethane	9.642	83	206481	21.131	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	267714	21.848	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	148199	42.176	ug/L	99
42) Toluene	10.386	91	737980	20.594	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	213044	22.078	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	125187	21.032	ug/L	97
46) Tetrachloroethene	10.861	164	137449	18.961	ug/L	99
48) 2-Hexanone	10.965	43	101507	38.811	ug/L	99
49) Dibromochloromethane	11.130	129	135890	21.829	ug/L	99
50) 1,2-Dibromoethane	11.233	107	119142	21.063	ug/L	91
51) Chlorobenzene	11.654	112	477387	20.852	ug/L	95
52) Ethylbenzene	11.727	91	830756	20.573	ug/L	98
53) m,p-Xylene	11.837	106	326553	21.054	ug/L	91
54) o-Xylene	12.166	106	307510	21.292	ug/L	97
55) Styrene	12.178	104	534249	21.943	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	142796	21.046	ug/L	99
59) Bromoform	12.349	173	77242	21.529	ug/L	97
60) Isopropylbenzene	12.459	105	843426	20.389	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	98751	20.215	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	697592	21.095	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	692671	21.279	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	375042	20.980	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	373430	20.797	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	324663	20.886	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19880	20.371	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	246953	19.854	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	214279	20.978	ug/L	89
71) Naphthalene	15.360	128	395111	21.828	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	182730	21.396	ug/L	98

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

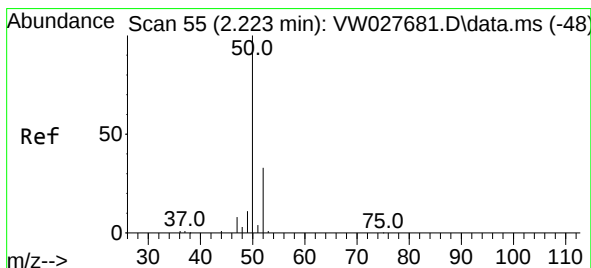
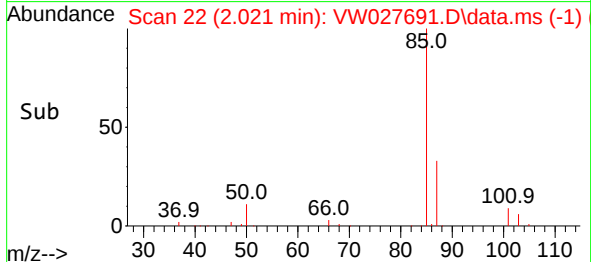
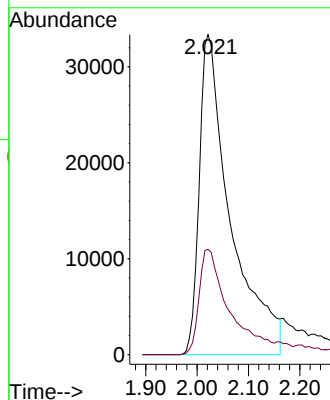
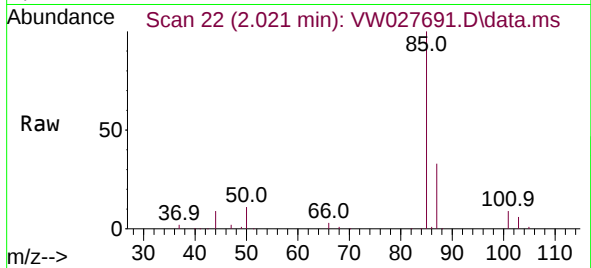
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
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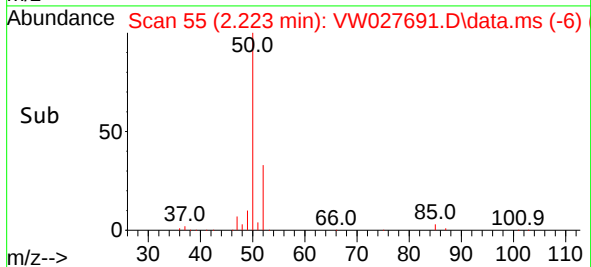
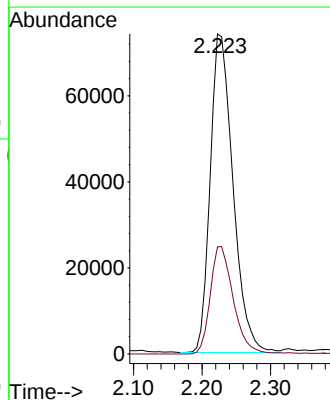
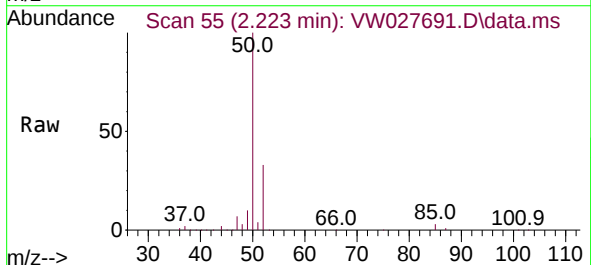
#2
Dichlorodifluoromethane
Concen: 19.411 ug/L
RT: 2.021 min Scan# 22
Delta R.T. 0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

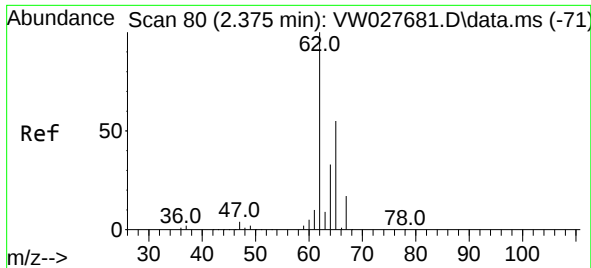
Tgt Ion: 85 Resp: 140533
Ion Ratio Lower Upper
85 100
87 32.1 23.2 34.8



#3
Chloromethane
Concen: 20.066 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

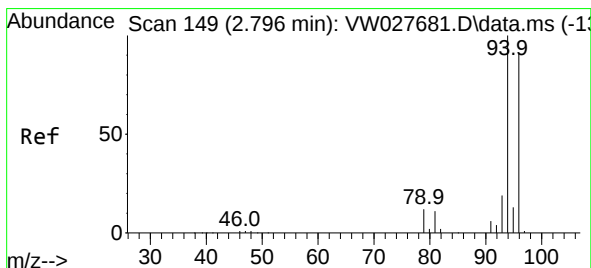
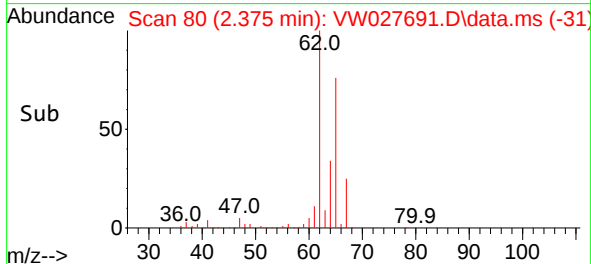
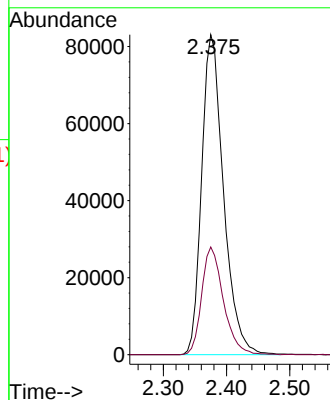
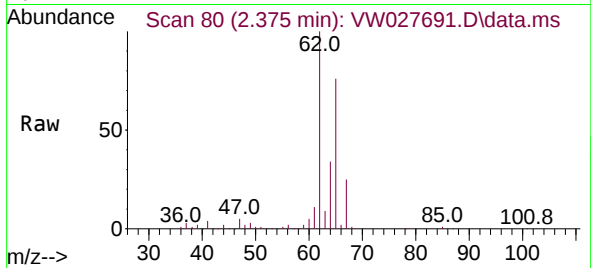
Tgt Ion: 50 Resp: 171106
Ion Ratio Lower Upper
50 100
52 33.5 22.8 42.4





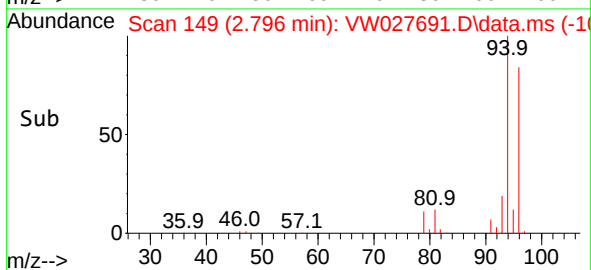
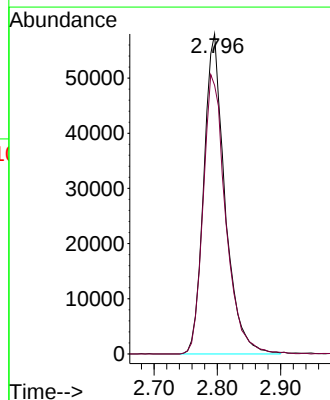
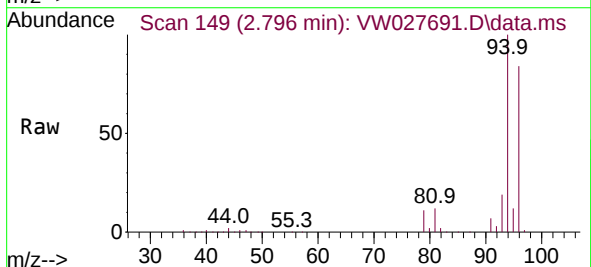
#5
 Vinyl chloride
 Concen: 19.707 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027691.D
 Acq: 16 Dec 2023 15:00

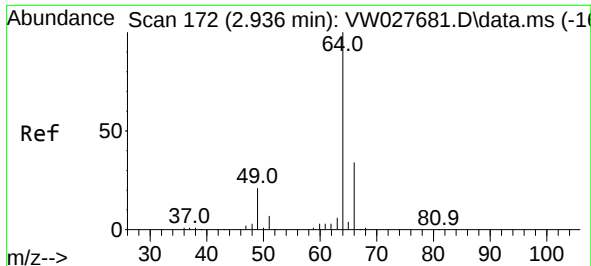
Tgt Ion: 62 Resp: 199920
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.2 41.2



#6
 Bromomethane
 Concen: 20.918 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027691.D
 Acq: 16 Dec 2023 15:00

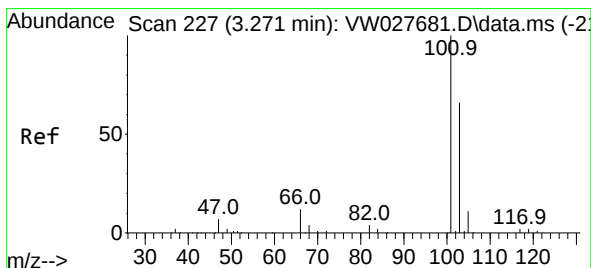
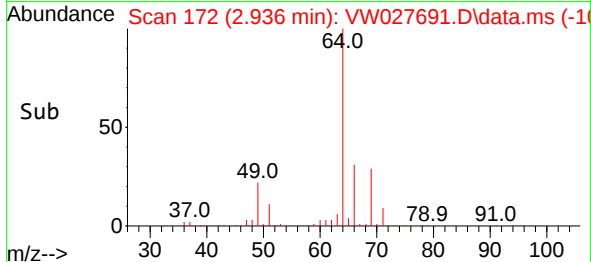
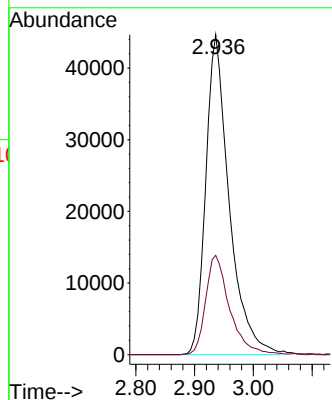
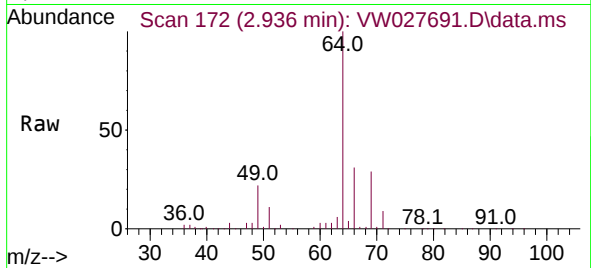
Tgt Ion: 94 Resp: 135071
 Ion Ratio Lower Upper
 94 100
 96 84.0 61.2 113.8





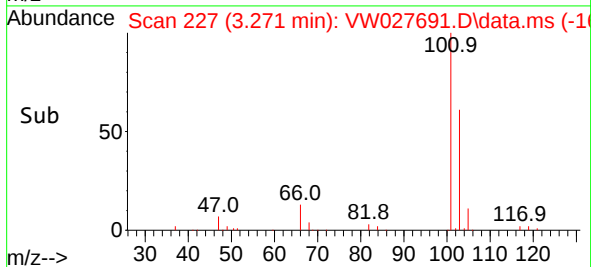
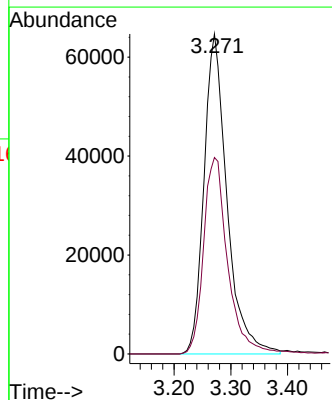
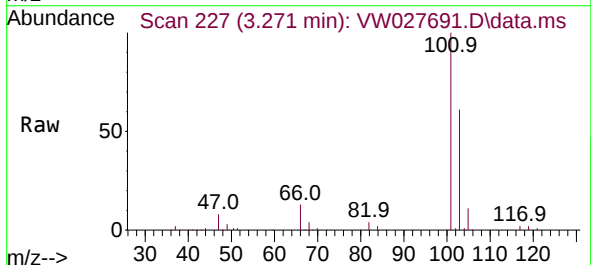
#8
Chloroethane
Concen: 20.306 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

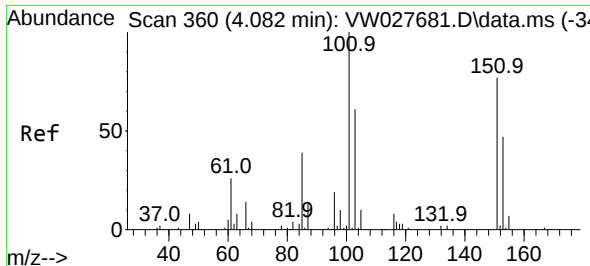
Tgt Ion: 64 Resp: 123167
Ion Ratio Lower Upper
64 100
66 31.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 19.883 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

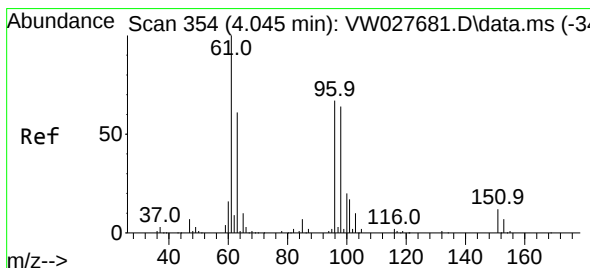
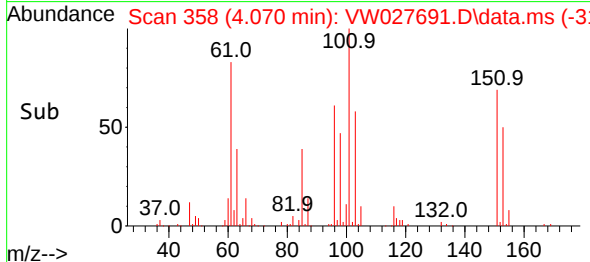
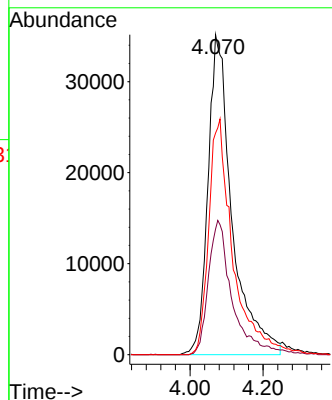
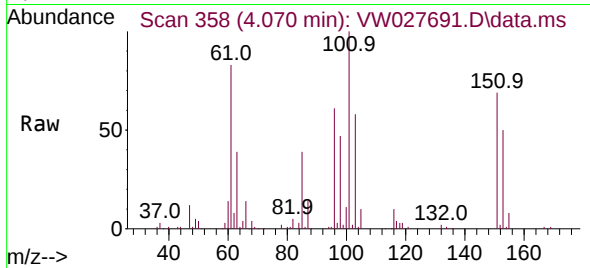
Tgt Ion:101 Resp: 182182
Ion Ratio Lower Upper
101 100
103 64.0 51.1 76.7





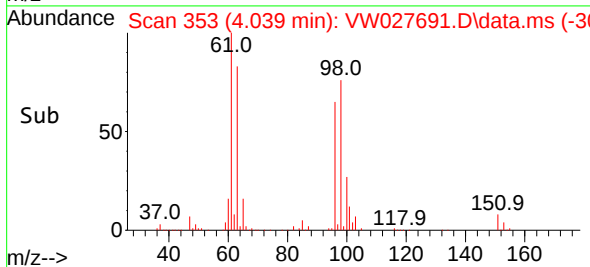
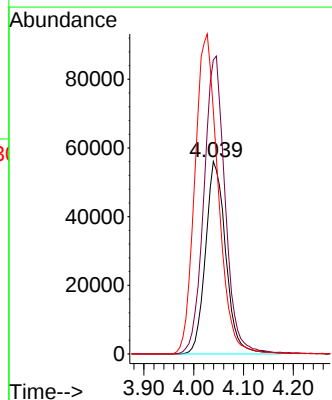
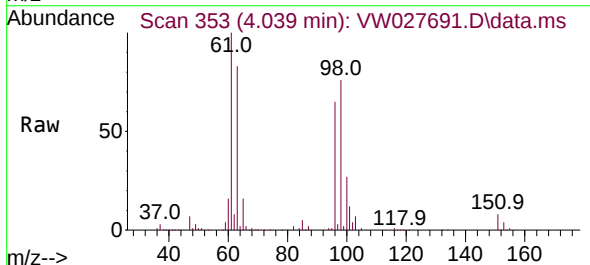
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.640 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW027691.D
 Acq: 16 Dec 2023 15:00

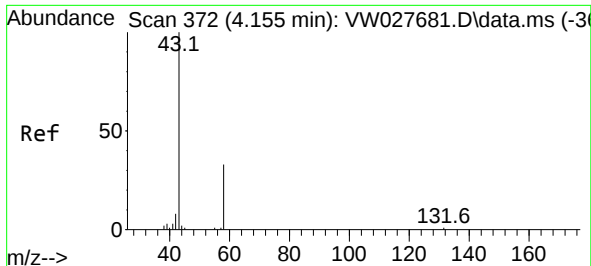
Tgt Ion:101 Resp: 160648
 Ion Ratio Lower Upper
 101 100
 85 37.3 33.0 49.4
 151 69.2 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 20.754 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027691.D
 Acq: 16 Dec 2023 15:00

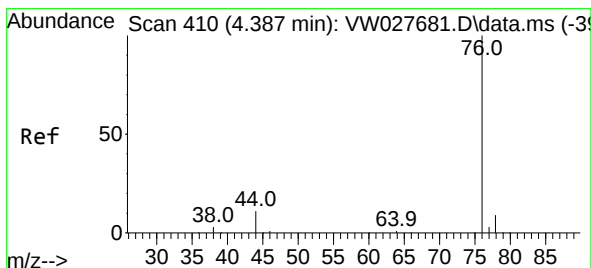
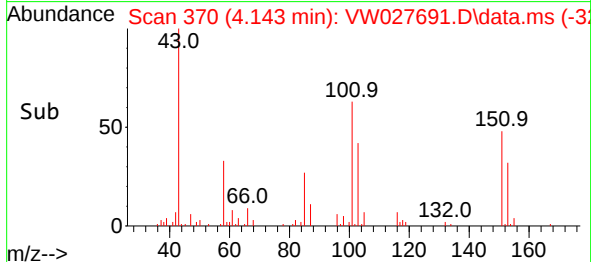
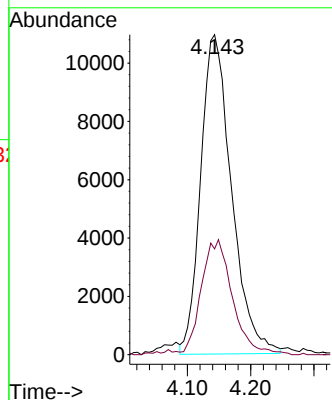
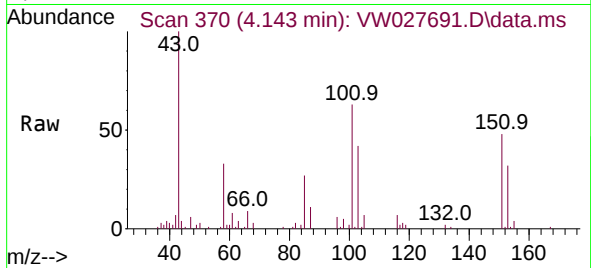
Tgt Ion: 96 Resp: 158127
 Ion Ratio Lower Upper
 96 100
 61 152.7 110.9 206.1
 63 126.5 73.6 136.6





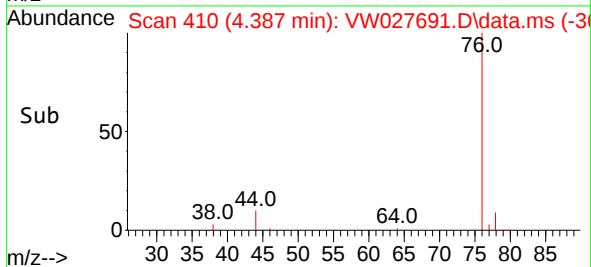
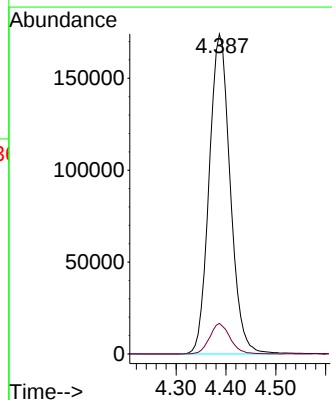
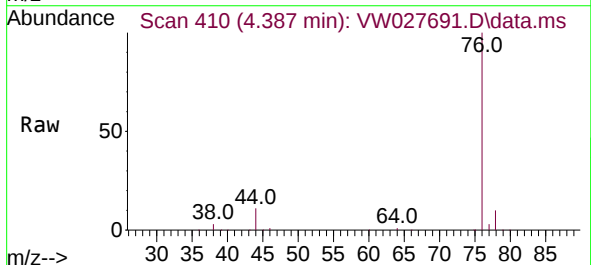
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Acetone
Concen: 27.264 ug/L
RT: 4.143 min Scan# 370
Delta R.T. -0.012 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

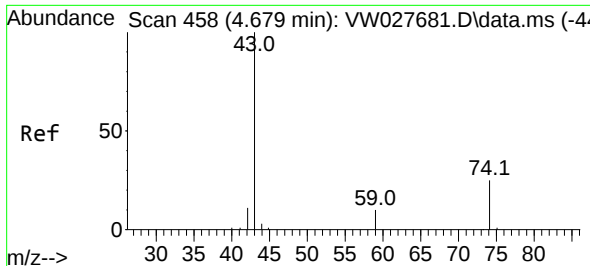
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Ion Ratio Lower Upper
43 100
58 33.7 0.0 68.6



#14
Carbon disulfide
Concen: 19.964 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

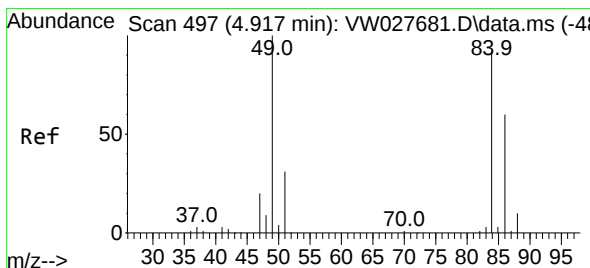
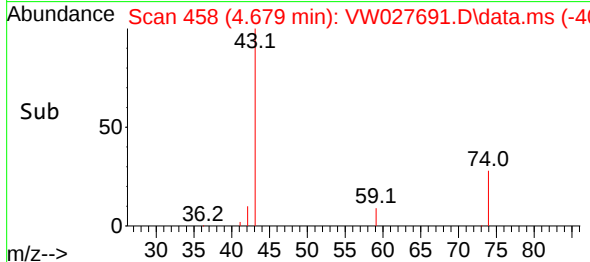
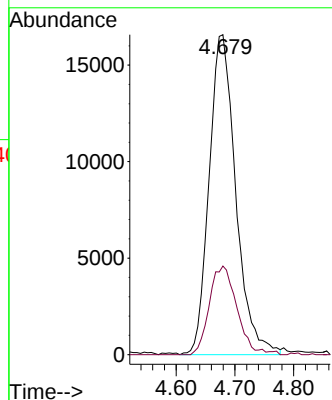
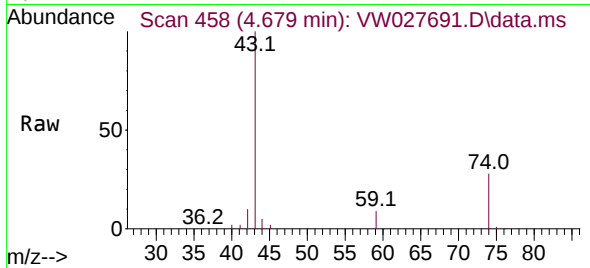
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Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6





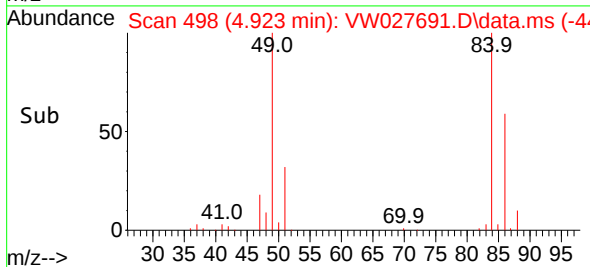
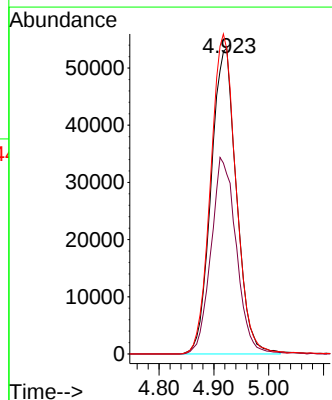
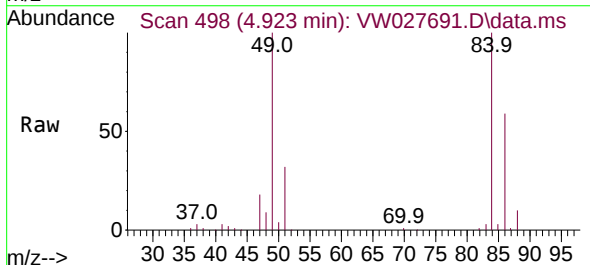
#15
Methyl Acetate
Concen: 21.256 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

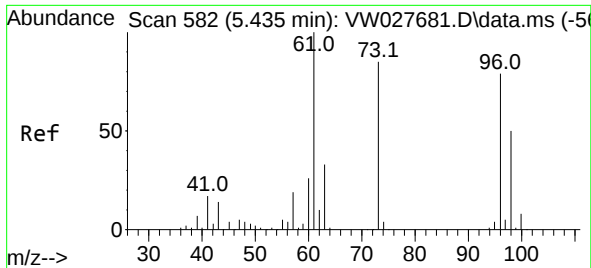
Tgt Ion: 43 Resp: 52292
Ion Ratio Lower Upper
43 100
74 27.8 22.1 33.1



#16
Methylene chloride
Concen: 17.609 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 84 Resp: 171742
Ion Ratio Lower Upper
84 100
86 58.8 45.8 85.2
49 99.6 76.2 141.6

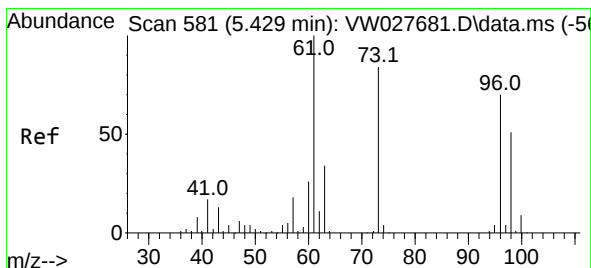
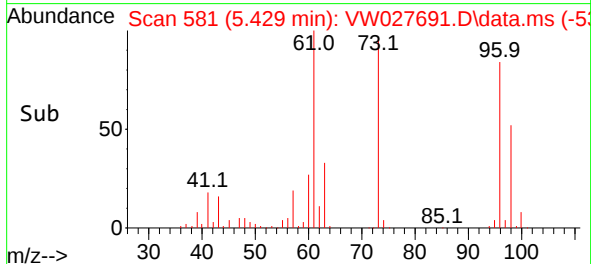
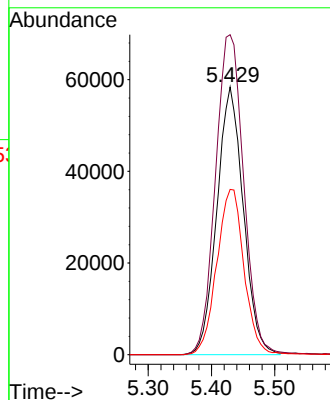
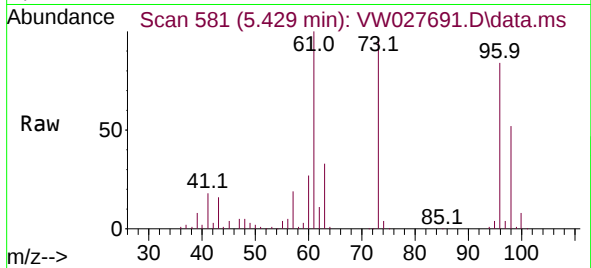




#17
trans-1,2-Dichloroethene
Concen: 21.029 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 96 Resp: 169424

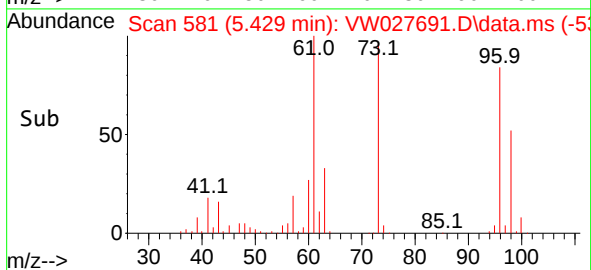
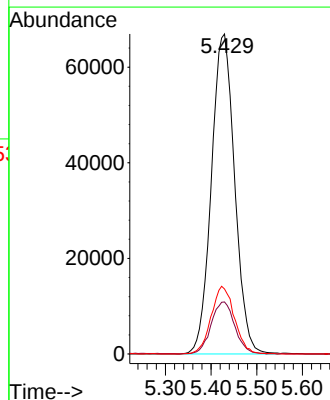
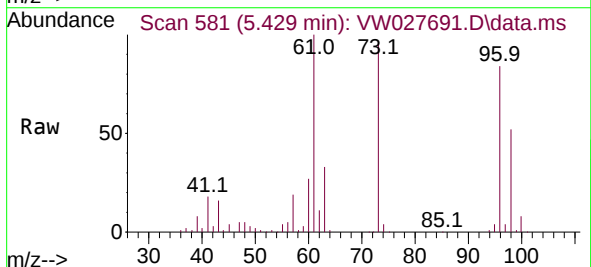
Ion	Ratio	Lower	Upper
96	100		
61	119.5	88.5	164.3
98	61.8	42.9	79.7

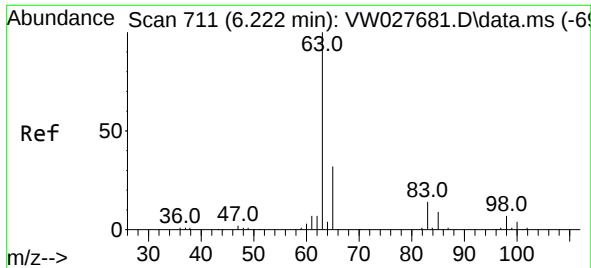


#18
Methyl tert-butyl Ether
Concen: 22.258 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 73 Resp: 237096

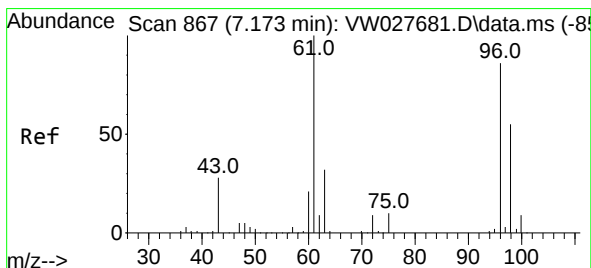
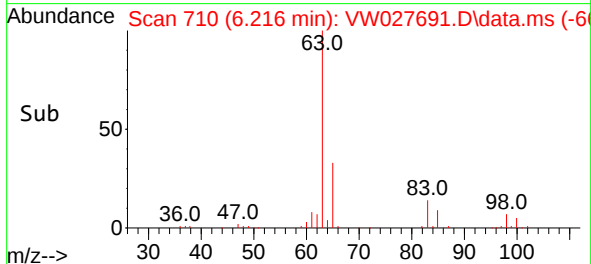
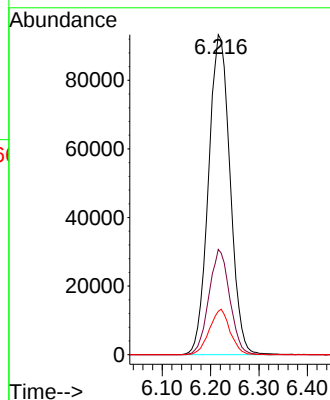
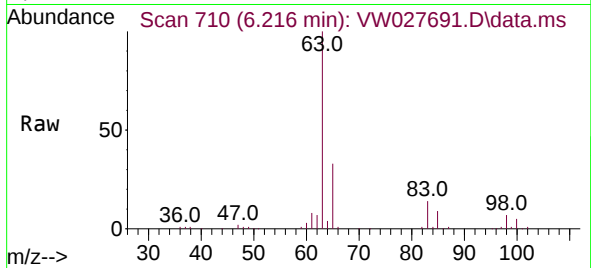
Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.5	20.3
57	21.1	17.4	26.0





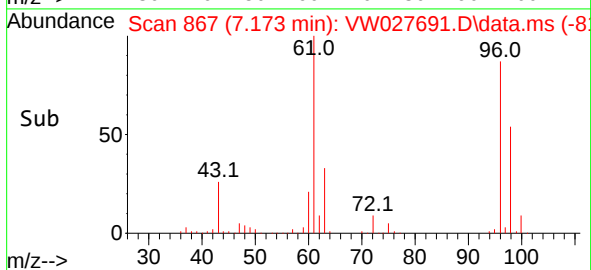
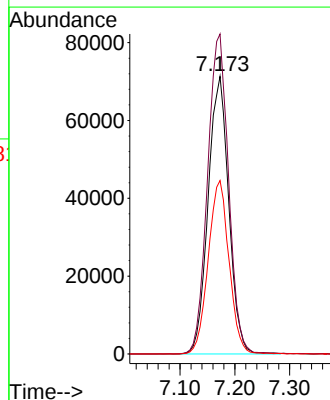
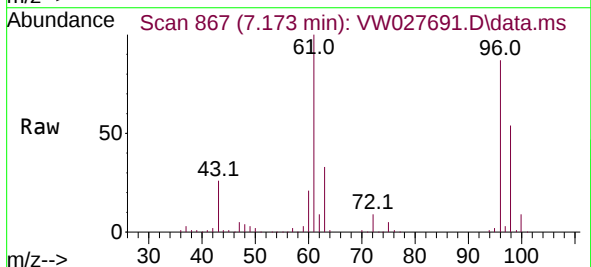
#19
1,1-Dichloroethane
Concen: 21.123 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

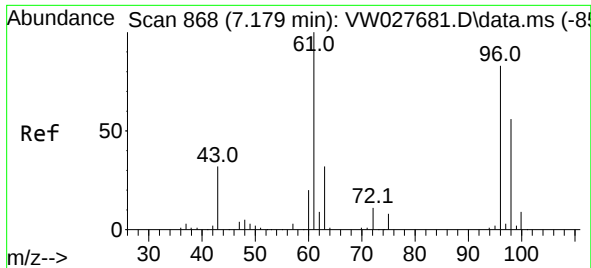
Tgt Ion: 63 Resp: 289394
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.8
83 13.5 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 21.966 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

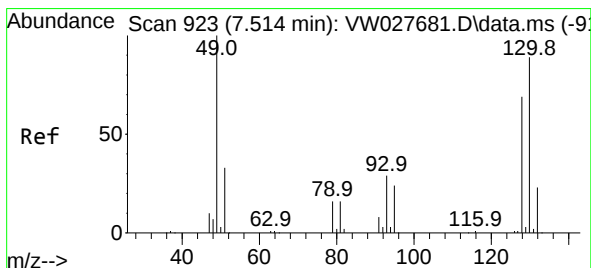
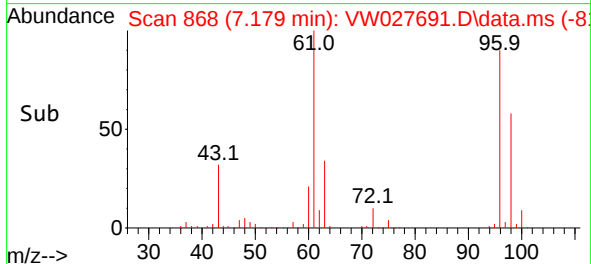
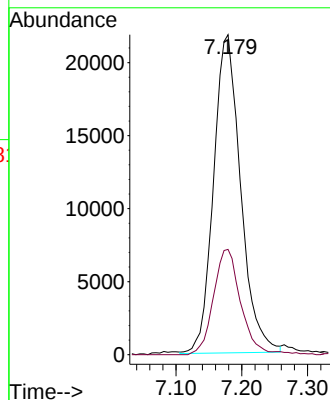
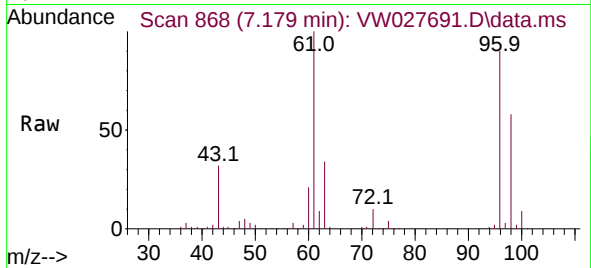
Tgt Ion: 96 Resp: 186298
Ion Ratio Lower Upper
96 100
61 115.2 83.5 155.1
98 62.5 46.5 86.5





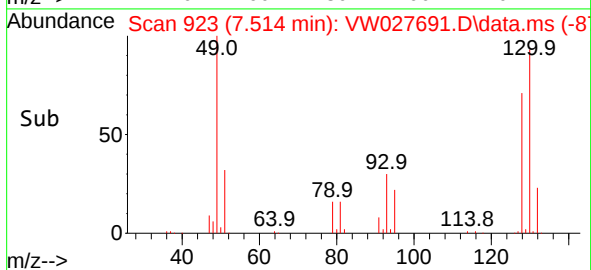
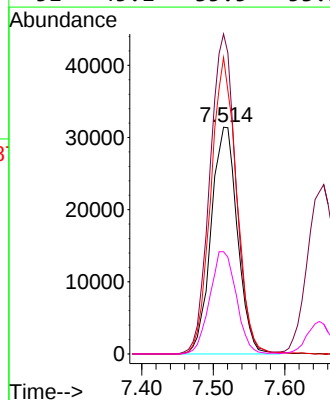
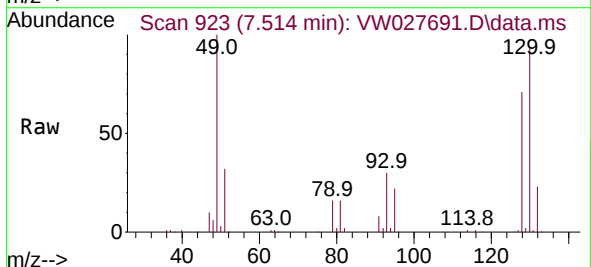
#22
2-Butanone
Concen: 34.531 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

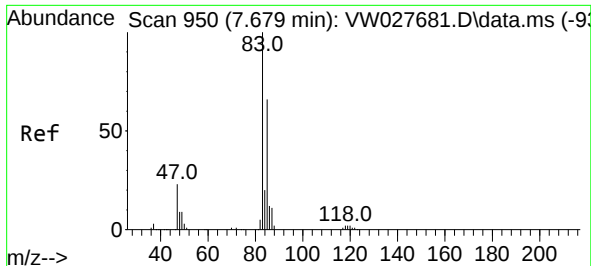
Tgt Ion: 43 Resp: 62442
Ion Ratio Lower Upper
43 100
72 32.9 16.1 48.2



#23
Bromochloromethane
Concen: 22.426 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

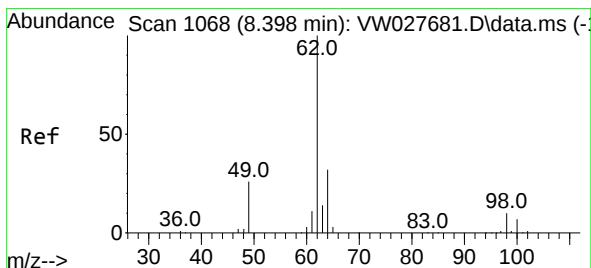
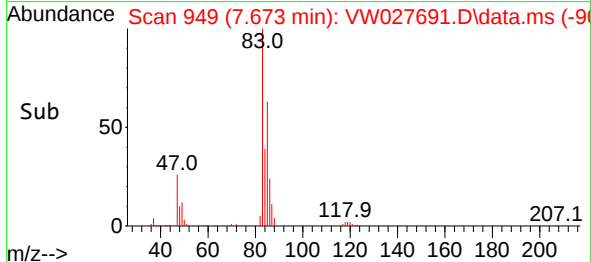
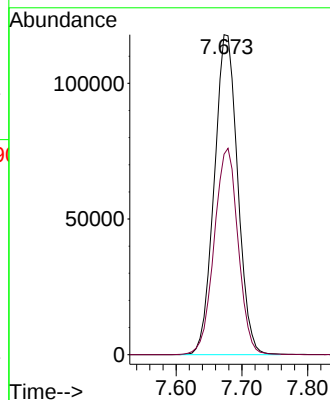
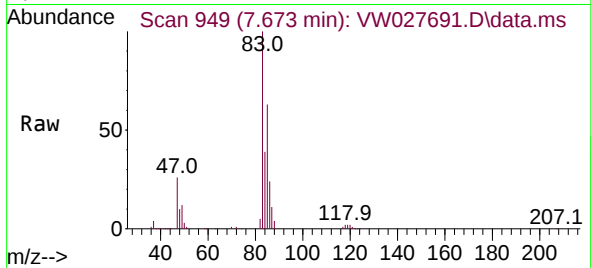
Tgt Ion: 128 Resp: 80314
Ion Ratio Lower Upper
128 100
49 141.2 94.1 174.7
130 130.8 86.2 160.0
51 45.1 35.5 53.3





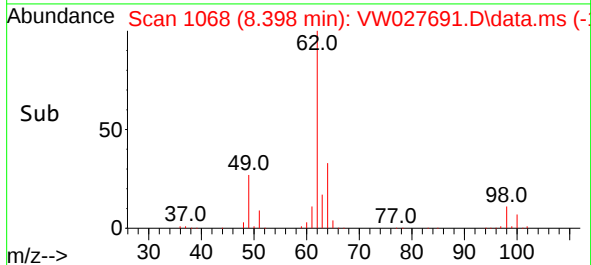
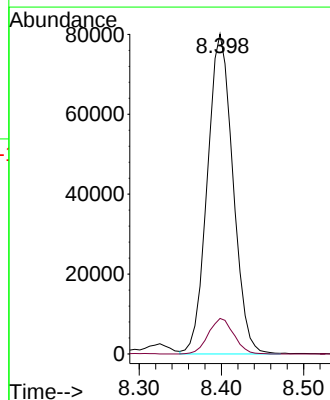
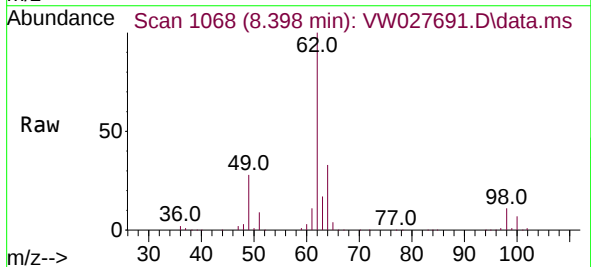
#25
Chloroform
Concen: 21.695 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

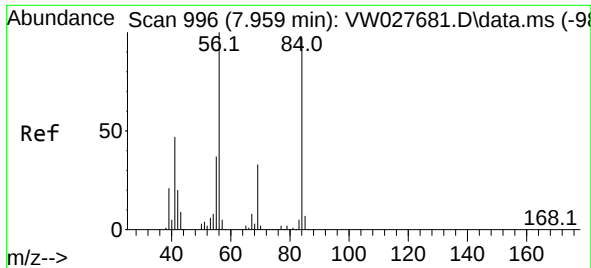
Tgt Ion: 83 Resp: 292729
Ion Ratio Lower Upper
83 100
85 62.7 46.9 87.1



#27
1,2-Dichloroethane
Concen: 21.903 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

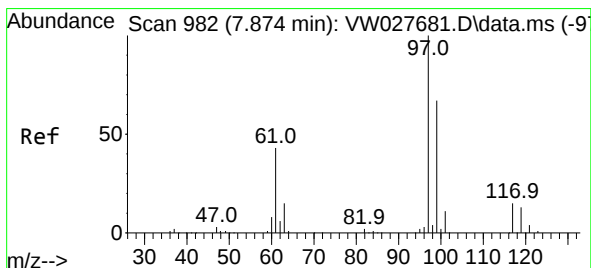
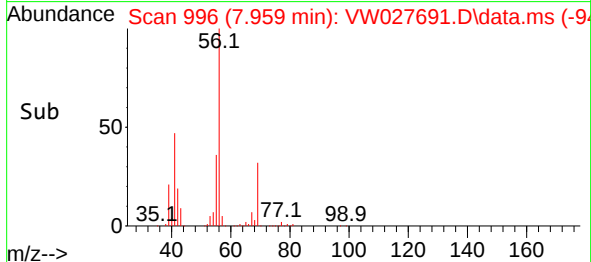
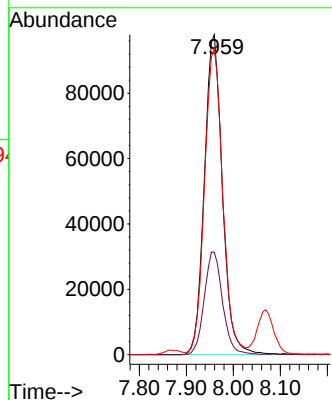
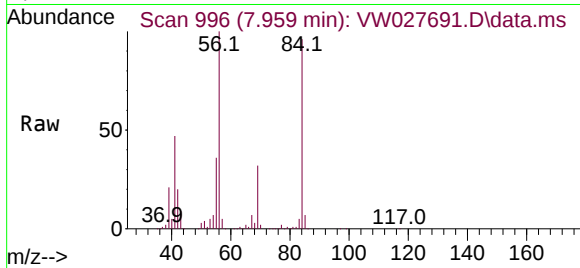
Tgt Ion: 62 Resp: 173267
Ion Ratio Lower Upper
62 100
98 11.1 8.1 12.1





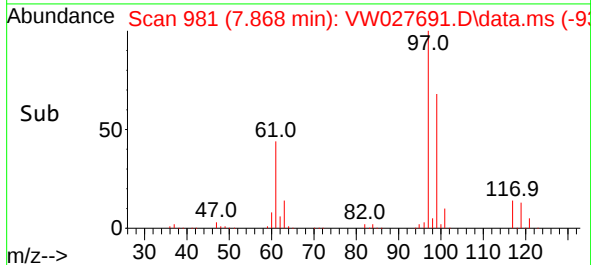
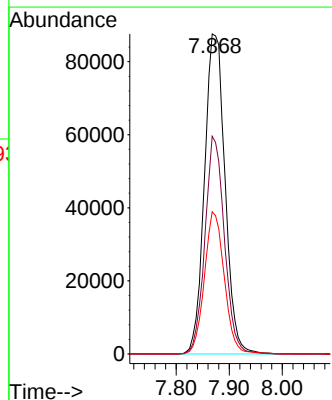
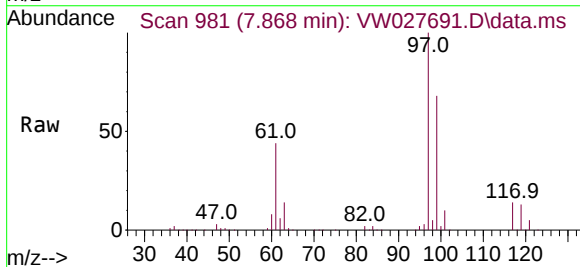
#29
Cyclohexane
Concen: 19.199 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

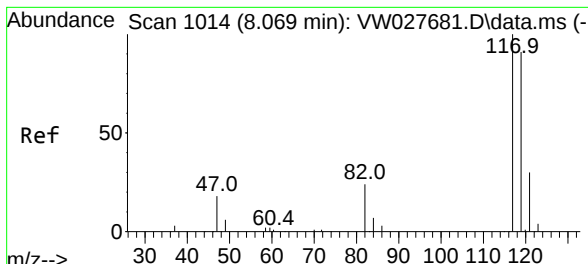
Tgt Ion	56	69	84
Ratio	100	32.7	96.4
Lower		25.7	75.6
Upper		38.5	113.4



#30
1,1,1-Trichloroethane
Concen: 19.679 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion	97	99	61
Ratio	100	64.5	43.0
Lower		51.1	34.2
Upper		76.7	51.4

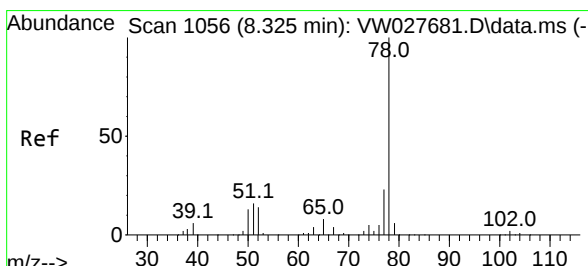
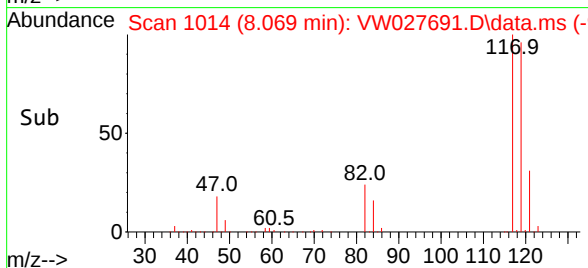
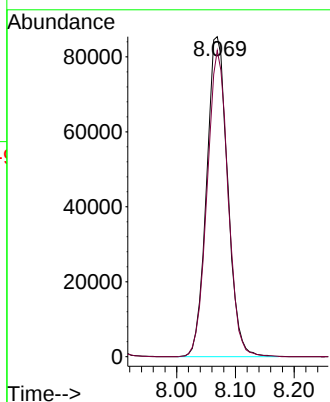
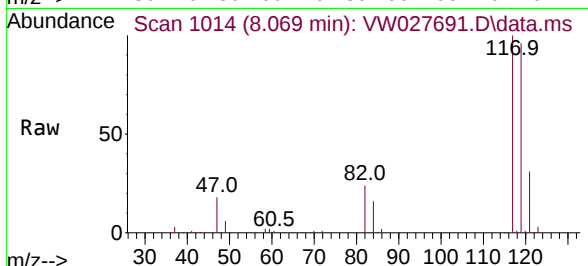




#31
Carbon tetrachloride
Concen: 20.155 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

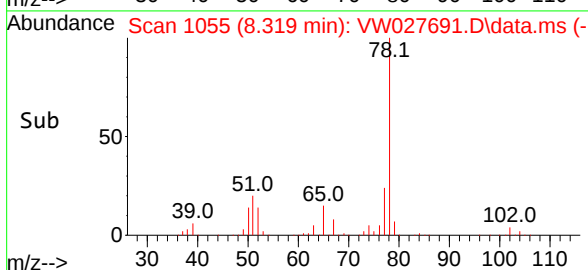
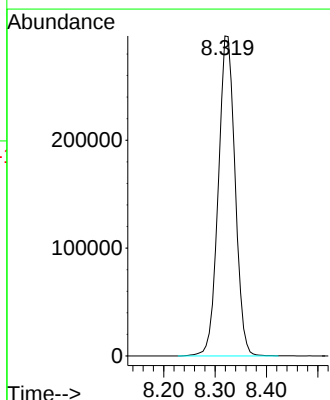
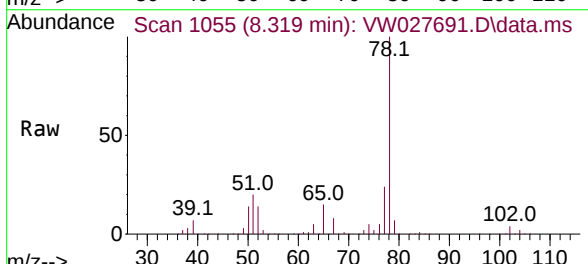
Tgt Ion: 117 Resp: 212866

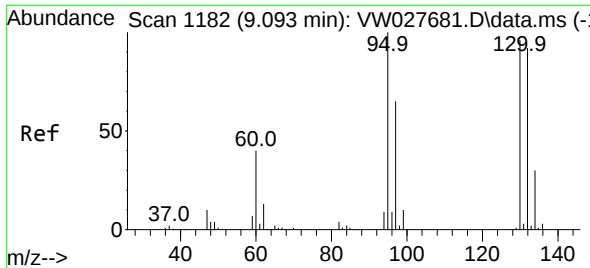
Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.6	112.0



#33
Benzene
Concen: 20.204 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 78 Resp: 672893

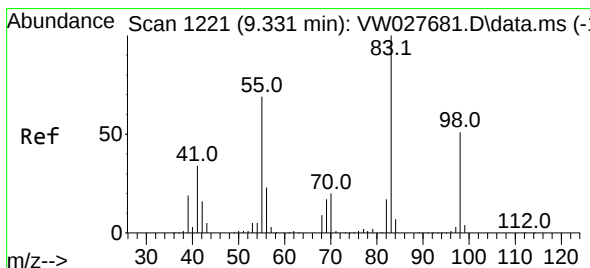
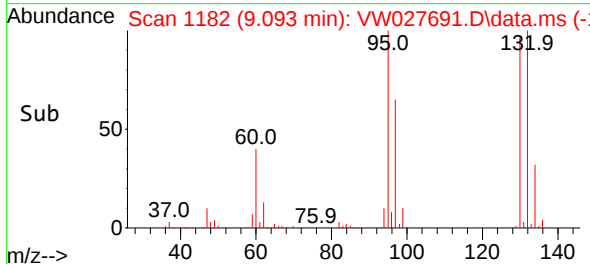
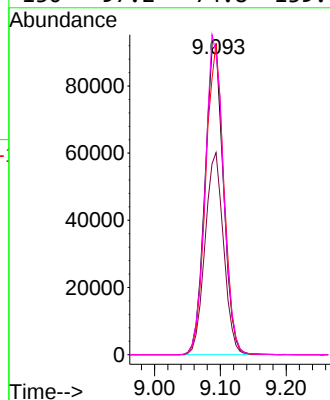
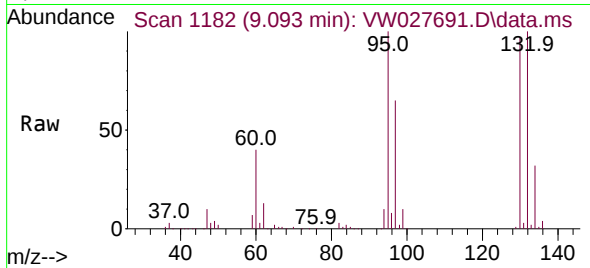




#34
Trichloroethene
Concen: 19.979 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 95 Resp: 181371

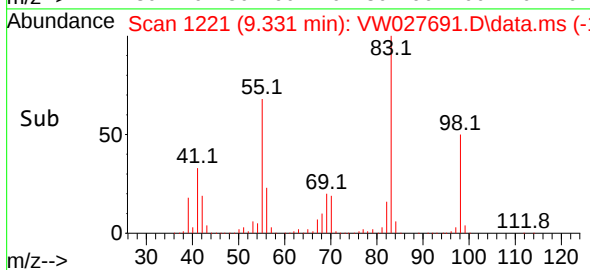
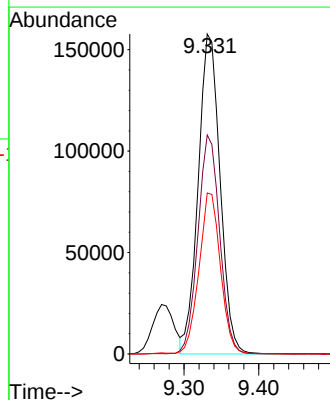
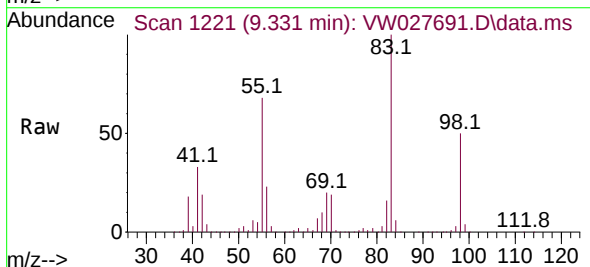
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	100.4	70.4	130.8
130	97.2	74.8	139.0

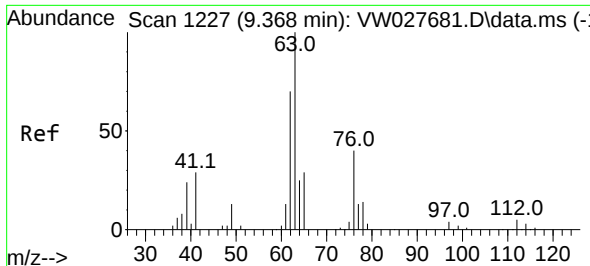


#35
Methylcyclohexane
Concen: 19.596 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 83 Resp: 320854

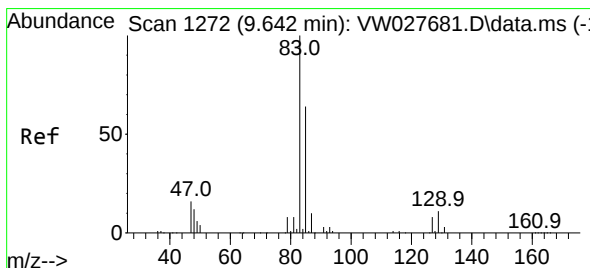
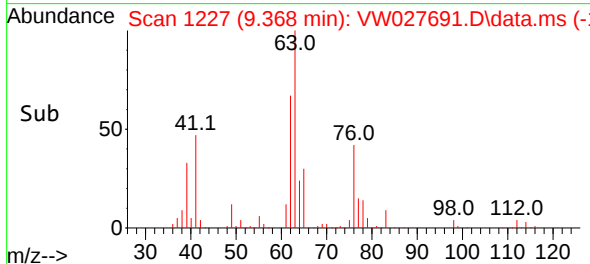
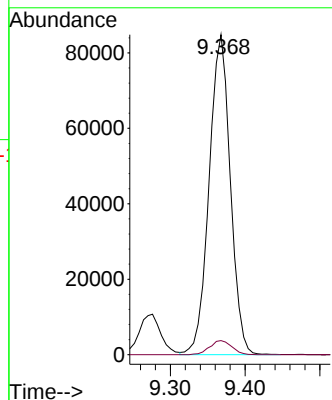
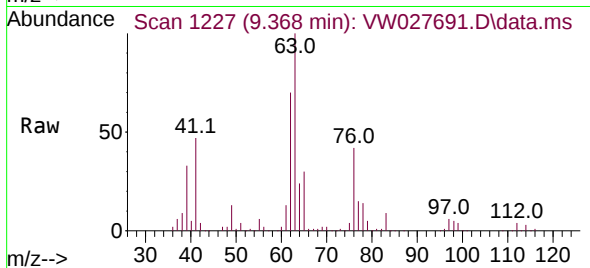
Ion	Ratio	Lower	Upper
83	100		
55	68.0	55.1	82.7
98	49.3	39.3	58.9





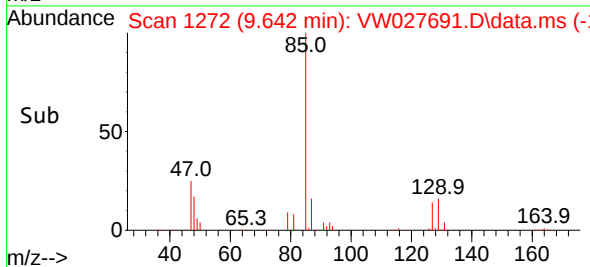
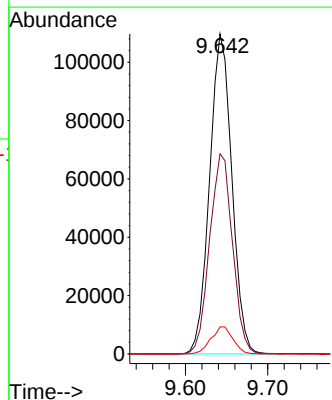
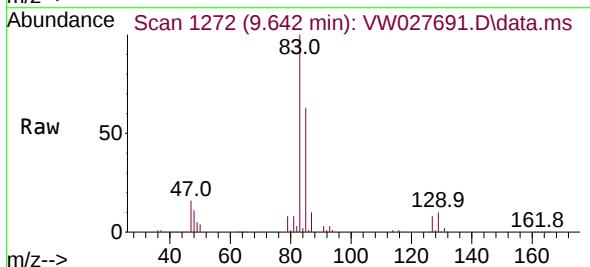
#37
1,2-Dichloropropane
Concen: 20.838 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

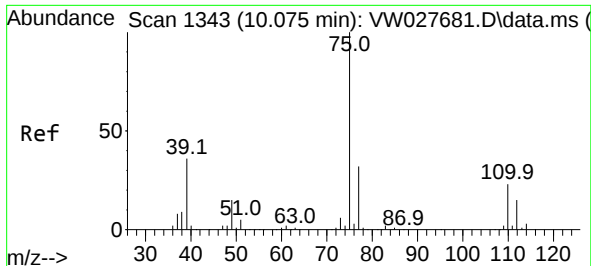
Tgt Ion: 63 Resp: 167530
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



#38
Bromodichloromethane
Concen: 21.131 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

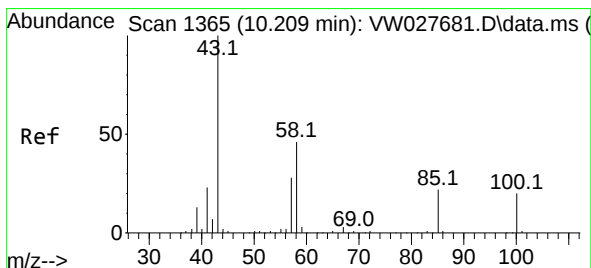
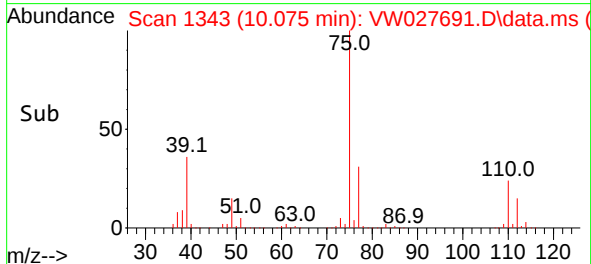
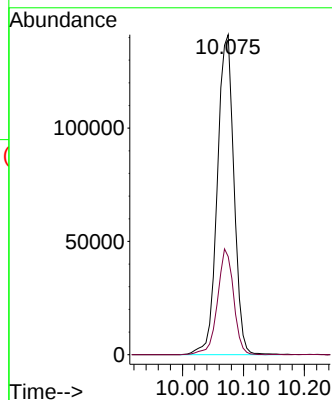
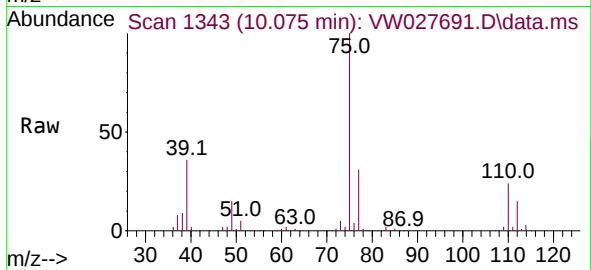
Tgt Ion: 83 Resp: 206481
Ion Ratio Lower Upper
83 100
85 62.6 45.3 84.1
127 8.5 6.8 10.2





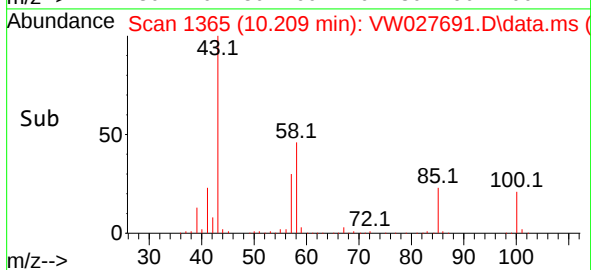
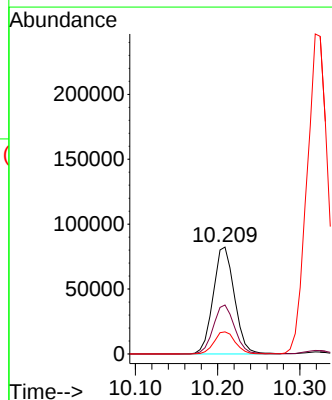
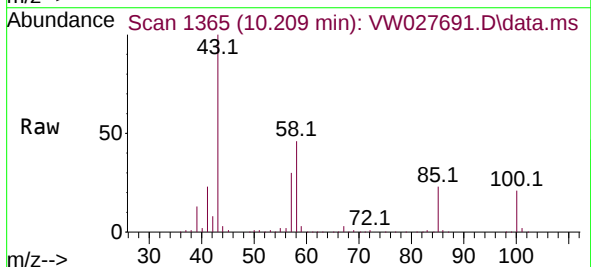
#39
cis-1,3-Dichloropropene
Concen: 21.848 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

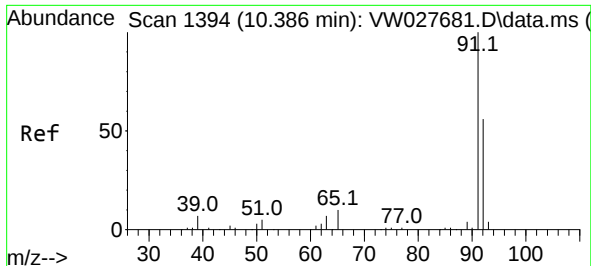
Tgt Ion: 75 Resp: 267714
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 42.176 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

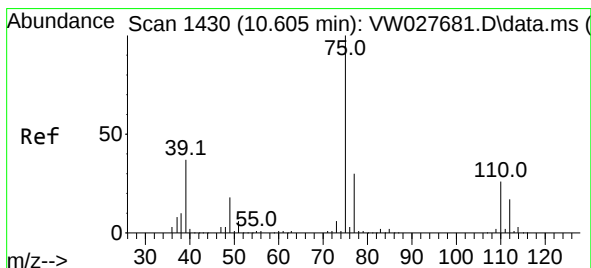
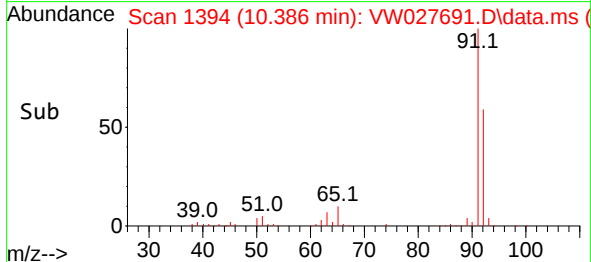
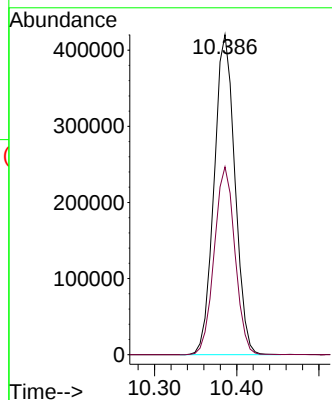
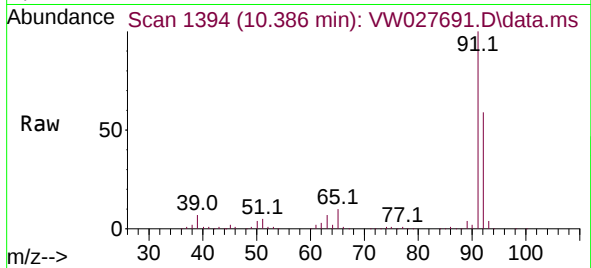
Tgt Ion: 43 Resp: 148199
Ion Ratio Lower Upper
43 100
58 45.7 36.1 54.1
100 20.6 15.8 23.8





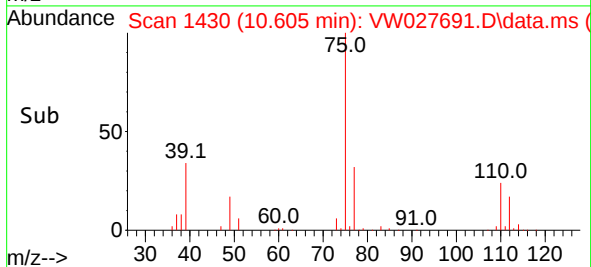
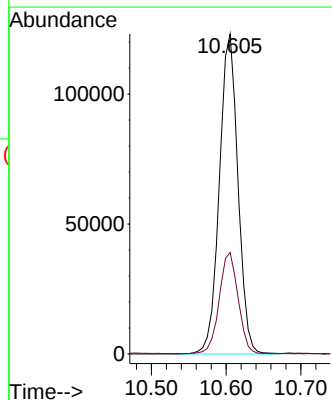
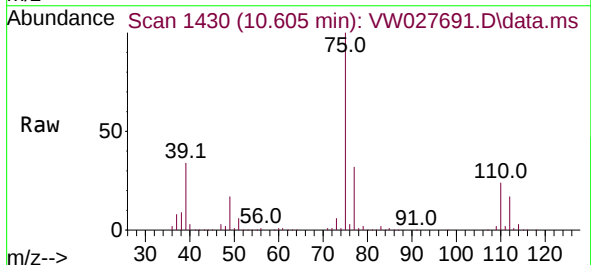
#42
Toluene
Concen: 20.594 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

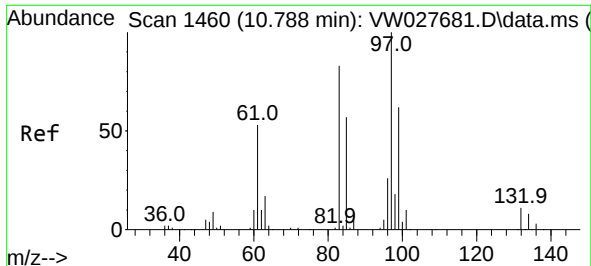
Tgt Ion: 91 Resp: 737980
Ion Ratio Lower Upper
91 100
92 58.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 22.078 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

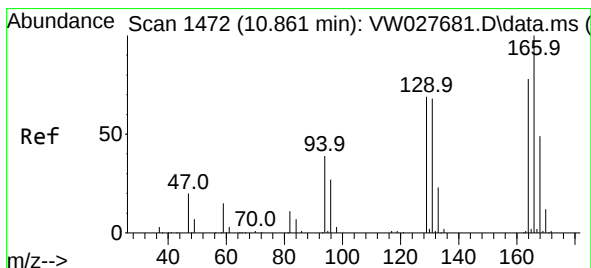
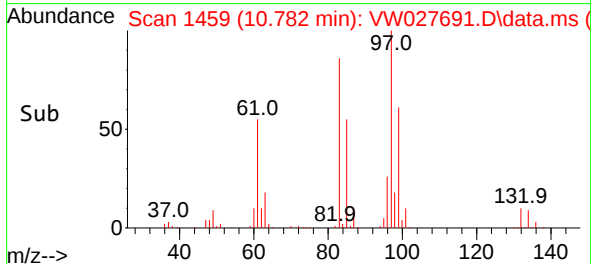
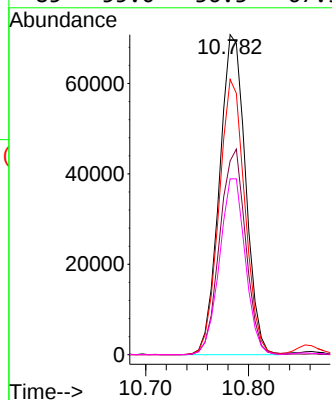
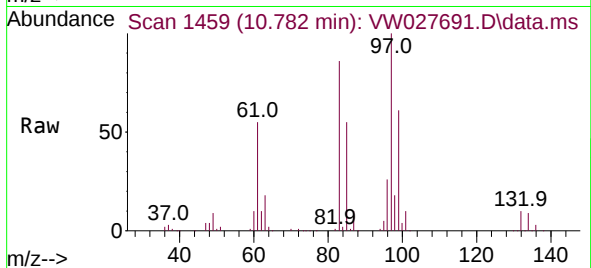
Tgt Ion: 75 Resp: 213044
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.1





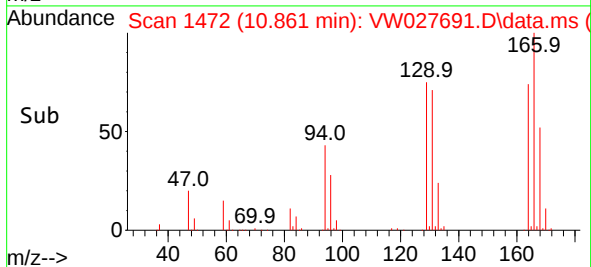
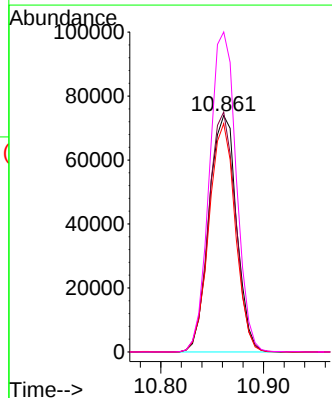
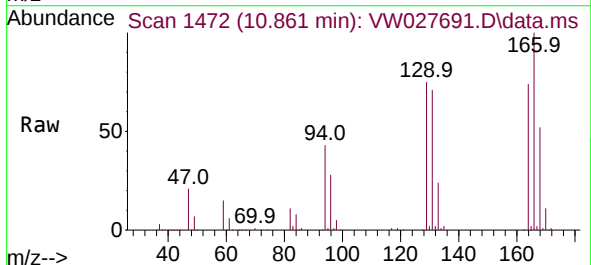
#45
1,1,2-Trichloroethane
Concen: 21.032 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

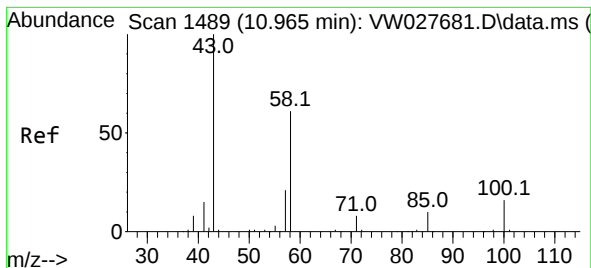
Tgt Ion:	97	Resp:	125187
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.4	80.6
83	86.1	59.0	109.6
85	55.0	36.3	67.5



#46
Tetrachloroethene
Concen: 18.961 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

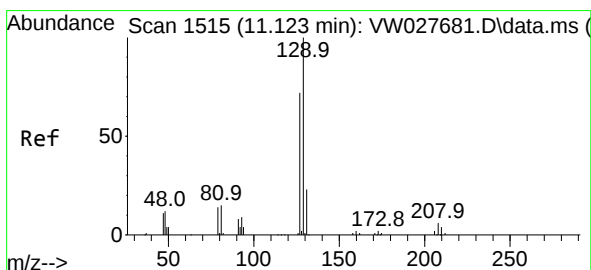
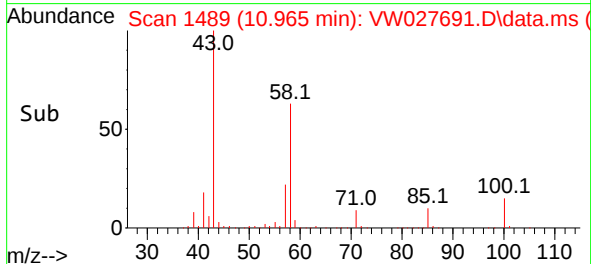
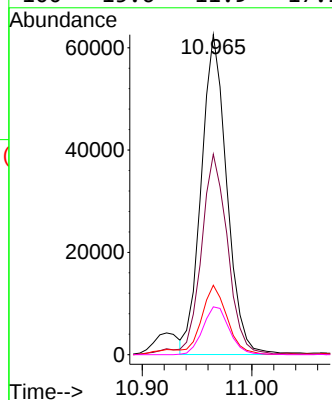
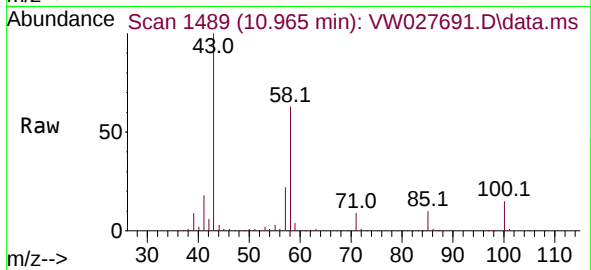
Tgt Ion:	164	Resp:	137449
Ion	Ratio	Lower	Upper
164	100		
129	101.6	70.5	130.9
131	96.6	64.8	120.3
166	135.4	94.8	176.0





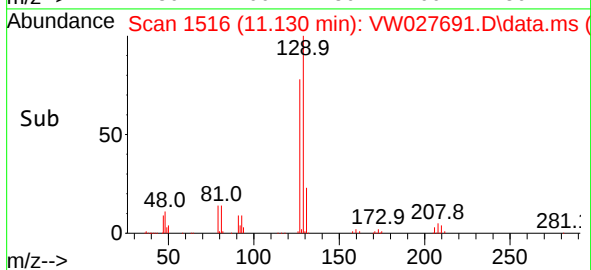
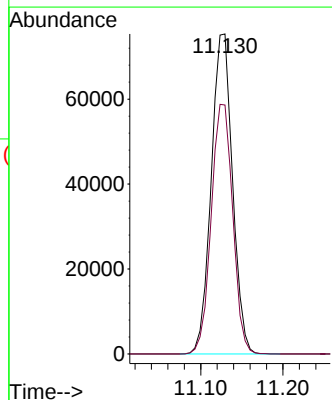
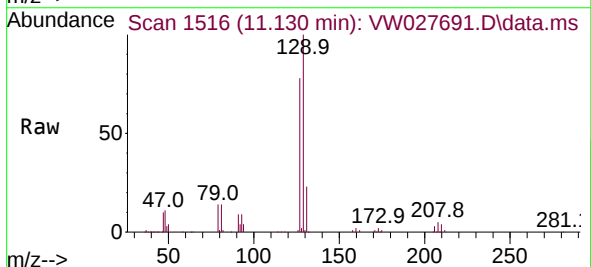
#48
2-Hexanone
Concen: 38.811 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

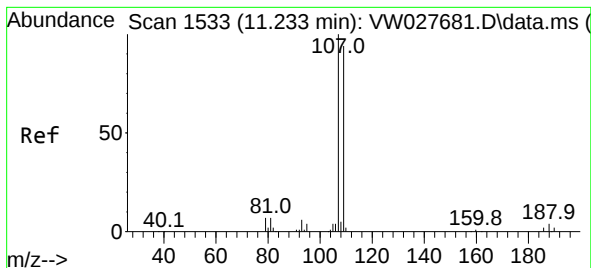
Tgt Ion: 43	Resp: 101507		
Ion	Ratio	Lower	Upper
43	100		
58	63.8	50.4	75.6
57	21.6	17.0	25.6
100	15.6	11.9	17.9



#49
Dibromochloromethane
Concen: 21.829 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

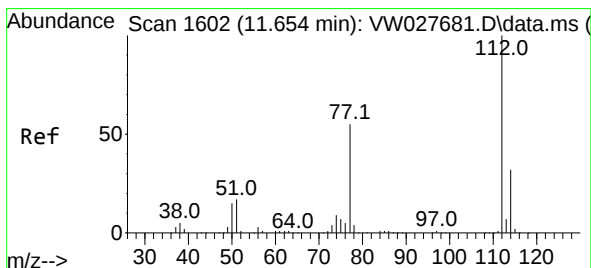
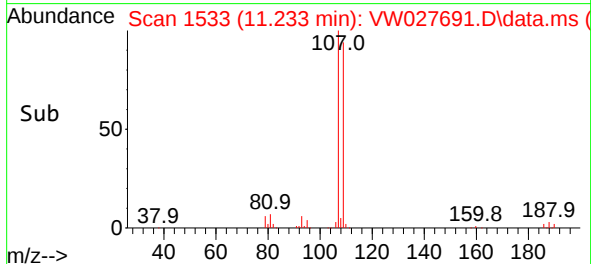
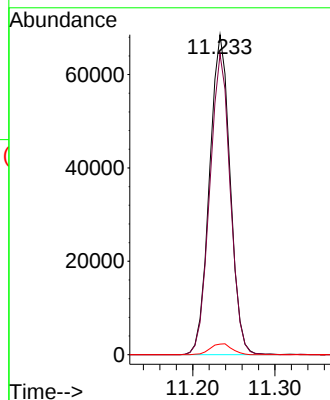
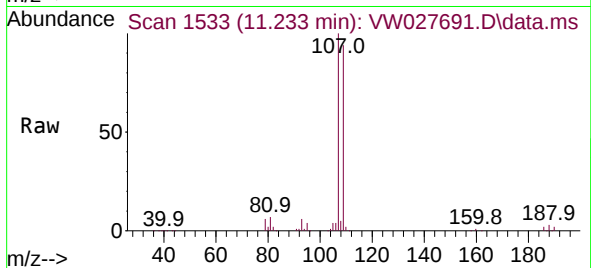
Tgt Ion:129	Resp: 135890
Ion Ratio	Lower Upper
129 100	
127 77.8	55.4 102.8





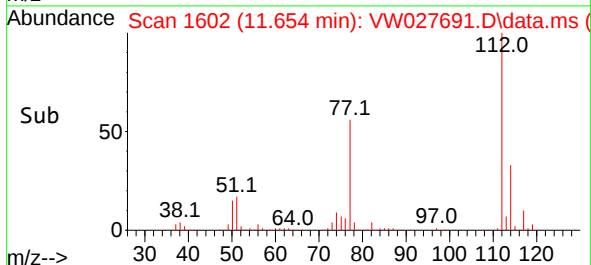
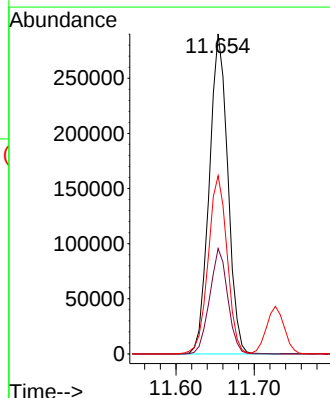
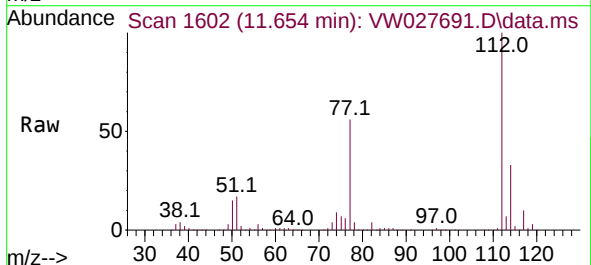
#50
1,2-Dibromoethane
Concen: 21.063 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

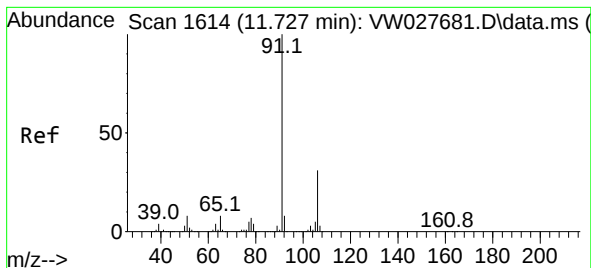
Tgt Ion:107 Resp: 119142
Ion Ratio Lower Upper
107 100
109 93.9 72.1 133.9
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 20.852 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

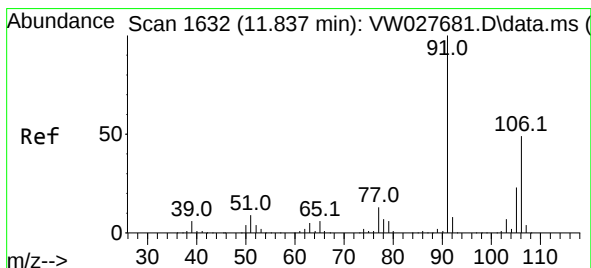
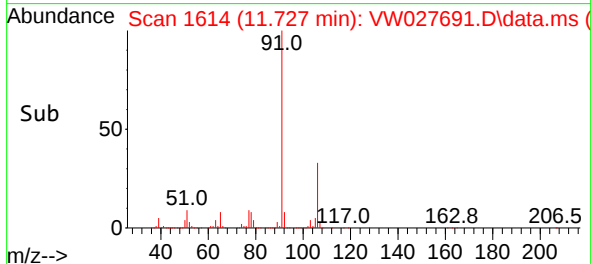
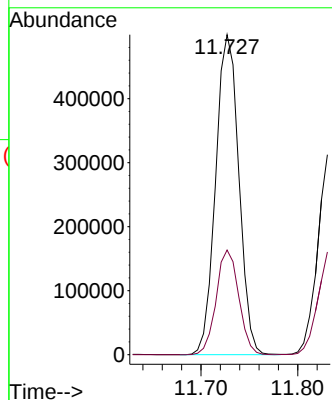
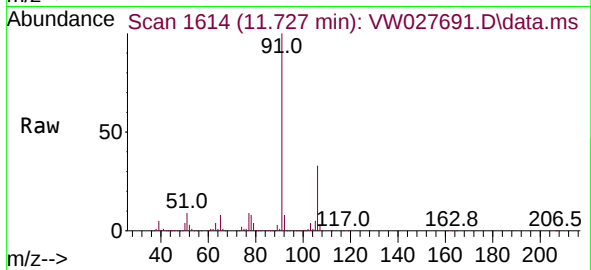
Tgt Ion:112 Resp: 477387
Ion Ratio Lower Upper
112 100
114 33.0 25.0 46.4
77 55.7 48.1 72.1





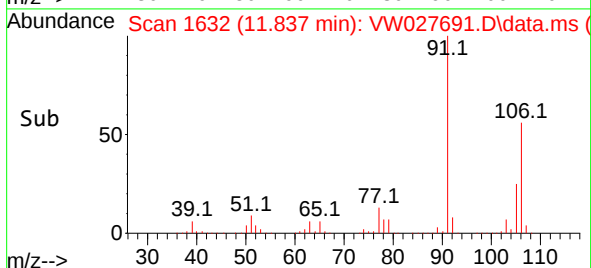
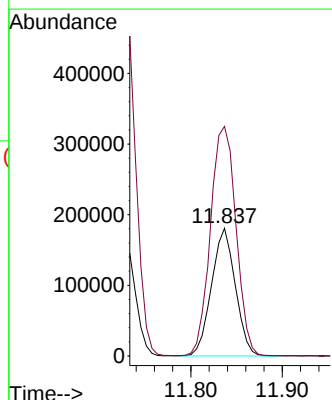
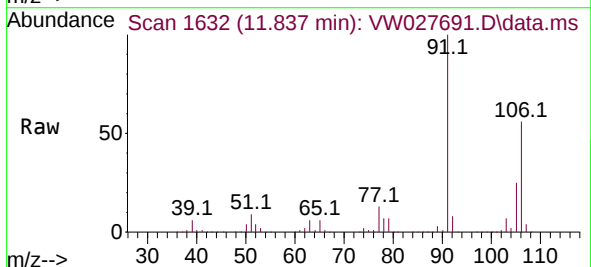
#52
Ethylbenzene
Concen: 20.573 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

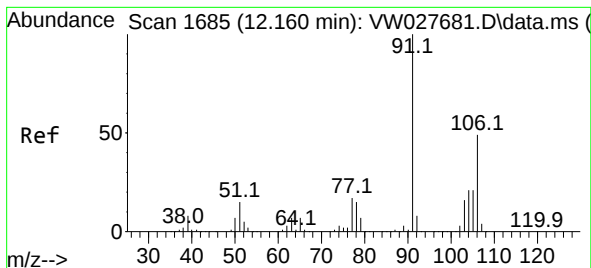
Tgt Ion: 91 Resp: 830756
Ion Ratio Lower Upper
91 100
106 32.7 23.7 44.1



#53
m,p-Xylene
Concen: 21.054 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion: 106 Resp: 326553
Ion Ratio Lower Upper
106 100
91 179.8 135.7 251.9





#54

o-Xylene

Concen: 21.292 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW027691.D

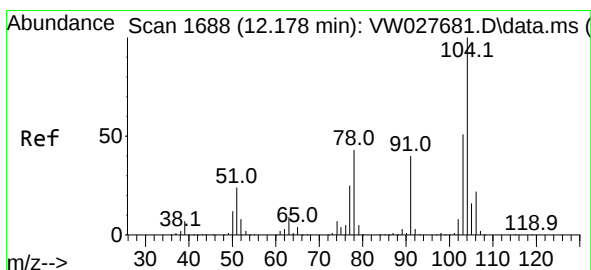
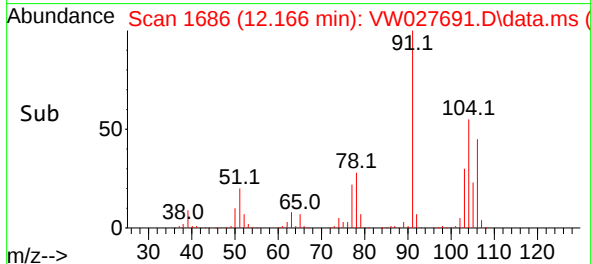
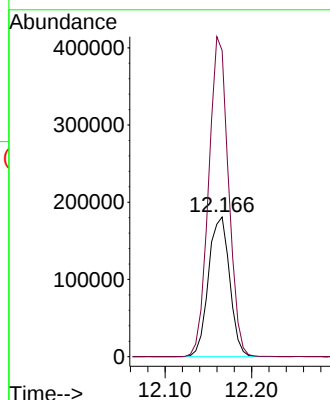
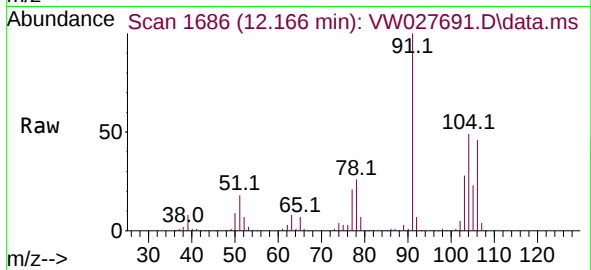
Acq: 16 Dec 2023 15:00

Tgt Ion:106 Resp: 307510

Ion Ratio Lower Upper

106 100

91 219.2 149.9 278.3



#55

Styrene

Concen: 21.943 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027691.D

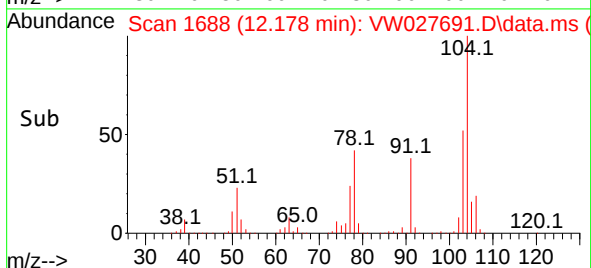
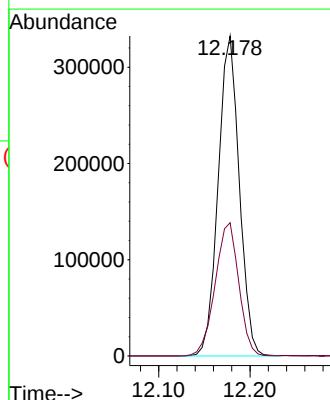
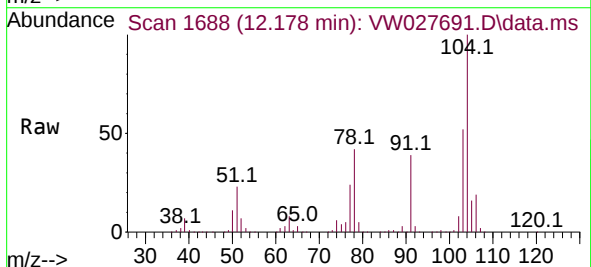
Acq: 16 Dec 2023 15:00

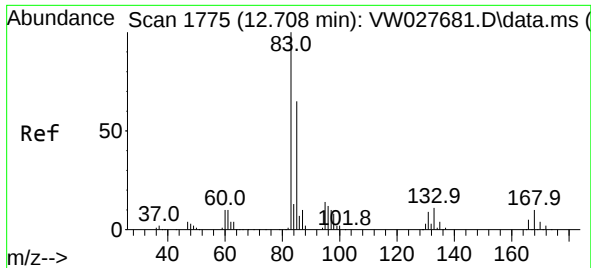
Tgt Ion:104 Resp: 534249

Ion Ratio Lower Upper

104 100

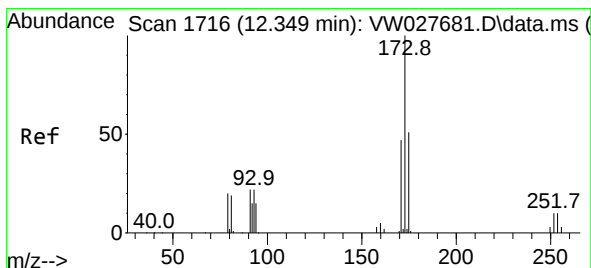
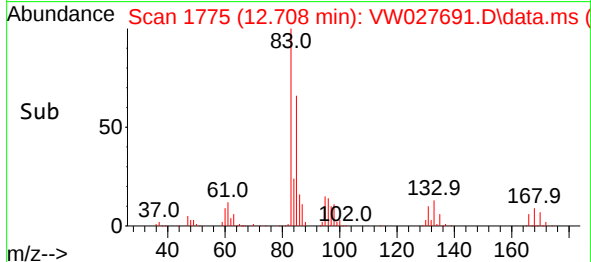
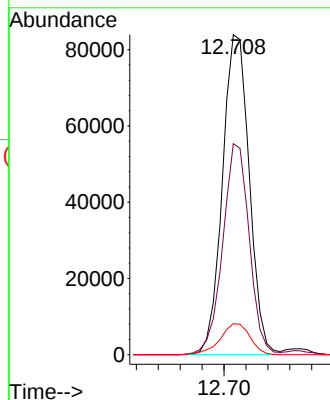
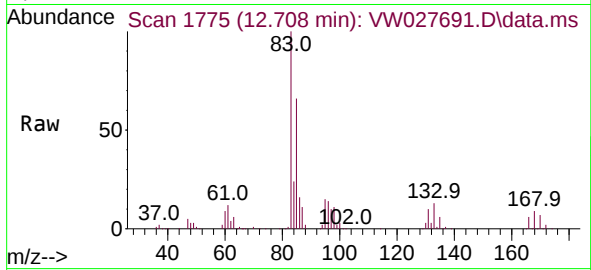
78 41.7 29.6 55.0





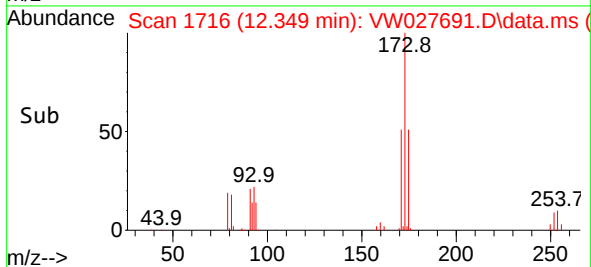
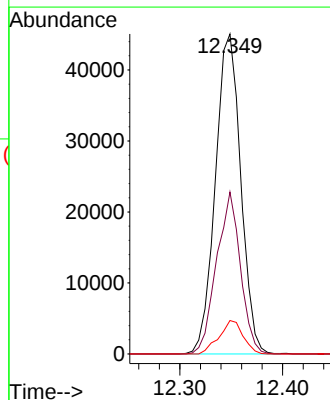
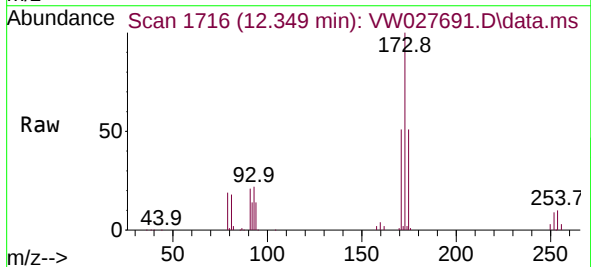
#57
1,1,2,2-Tetrachloroethane
Concen: 21.046 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

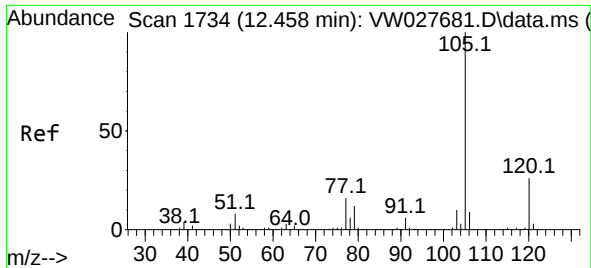
Tgt Ion: 83 Resp: 142796
Ion Ratio Lower Upper
83 100
85 65.9 45.8 85.2
131 9.7 7.0 10.6



#59
Bromoform
Concen: 21.529 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

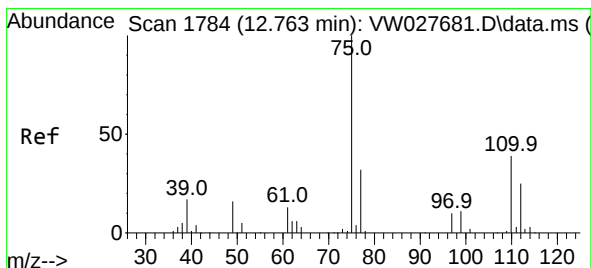
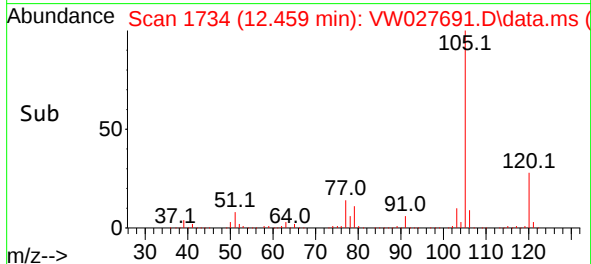
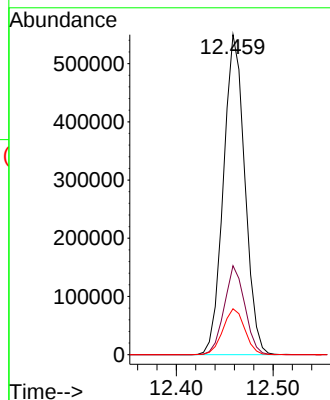
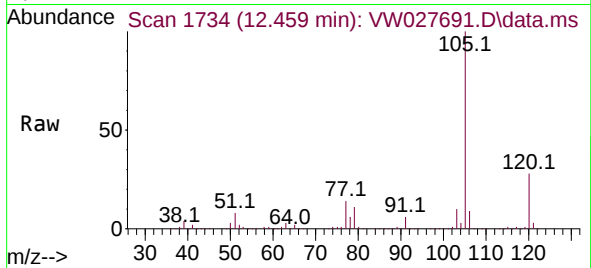
Tgt Ion:173 Resp: 77242
Ion Ratio Lower Upper
173 100
175 47.6 36.3 54.5
254 9.9 7.5 11.3





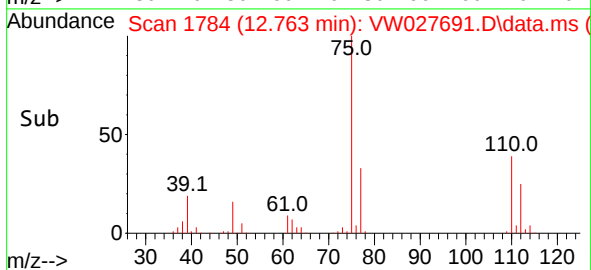
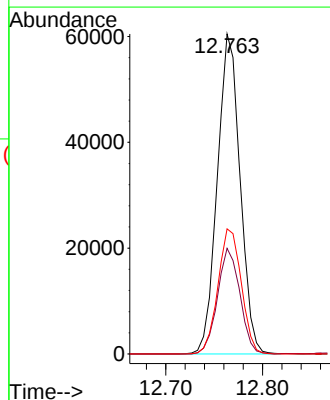
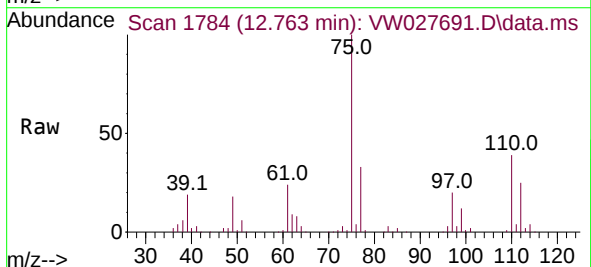
#60
Isopropylbenzene
Concen: 20.389 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

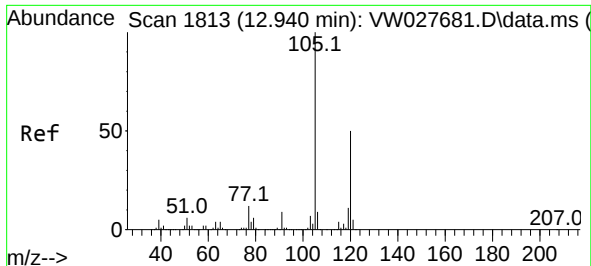
Tgt Ion:105 Resp: 843426
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.4
77 14.6 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 20.215 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

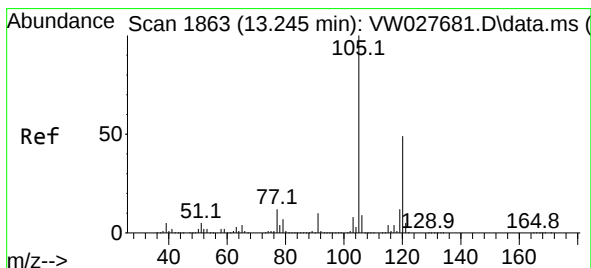
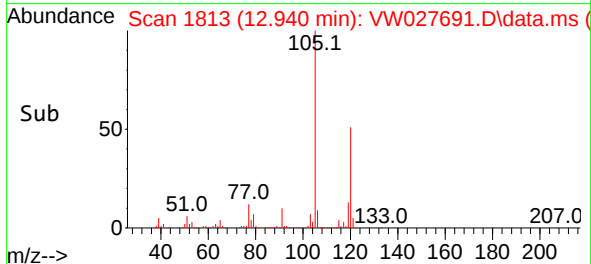
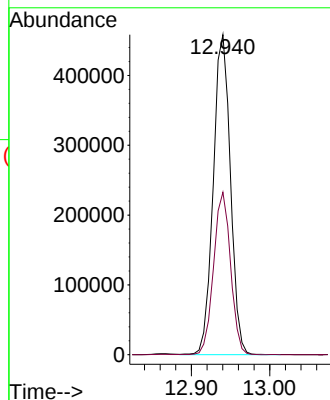
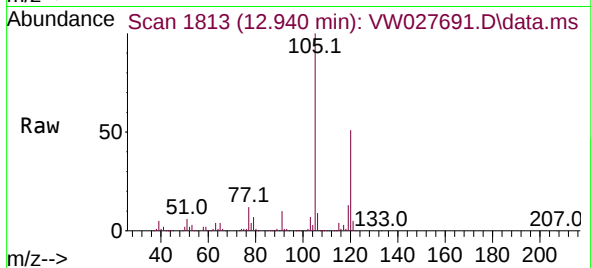
Tgt Ion: 75 Resp: 98751
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
110 40.0 32.2 48.2





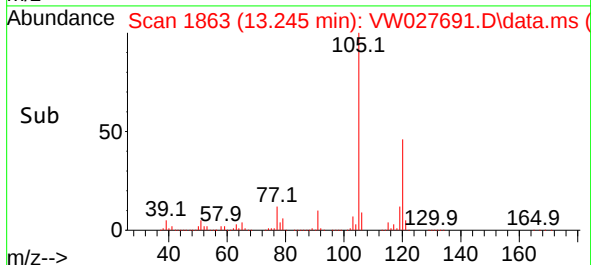
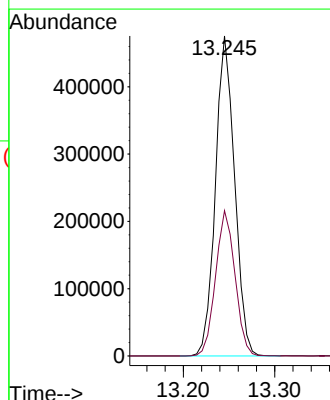
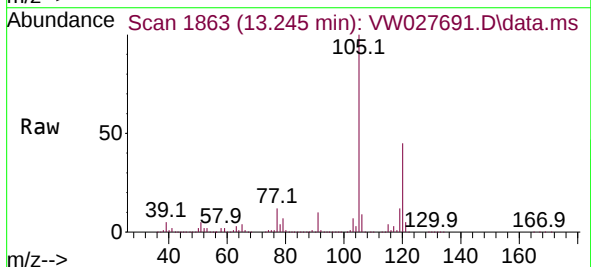
#62
1,3,5-Trimethylbenzene
Concen: 21.095 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

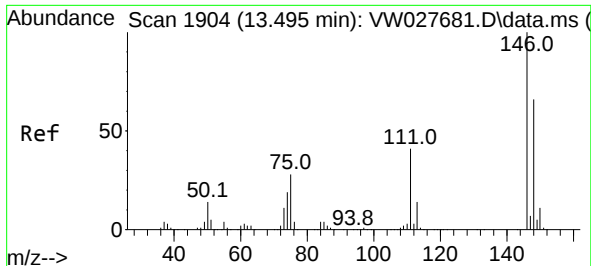
Tgt Ion:105 Resp: 697592
Ion Ratio Lower Upper
105 100
120 50.2 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 21.279 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

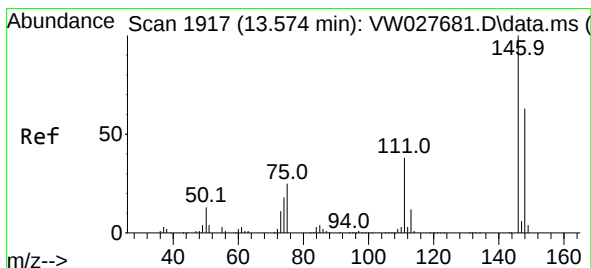
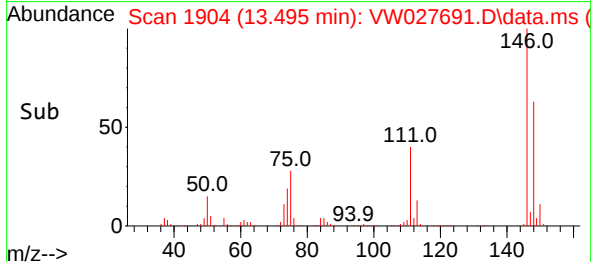
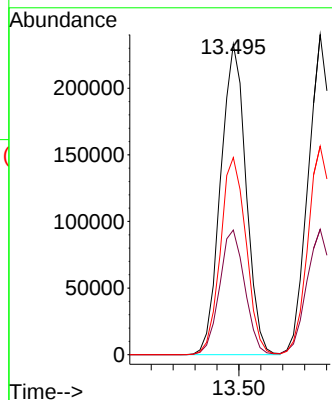
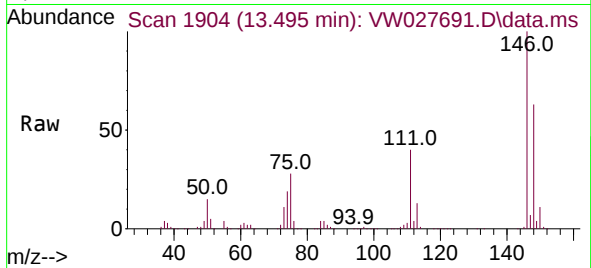
Tgt Ion:105 Resp: 692671
Ion Ratio Lower Upper
105 100
120 46.1 36.4 54.6





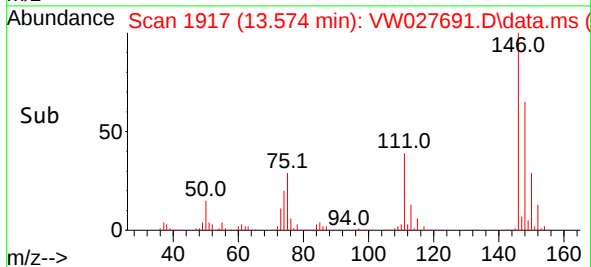
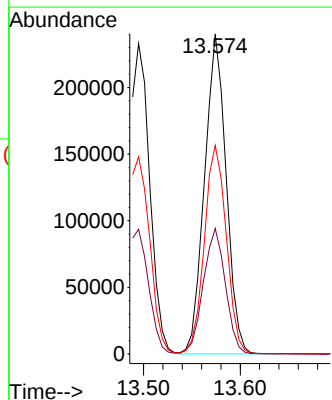
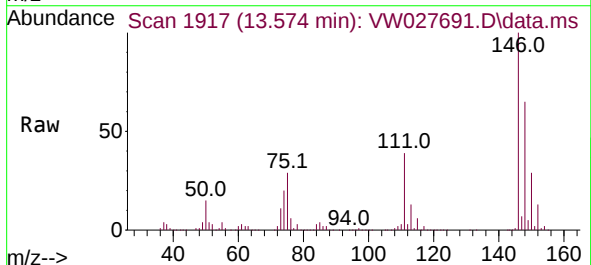
#64
1,3-Dichlorobenzene
Concen: 20.980 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

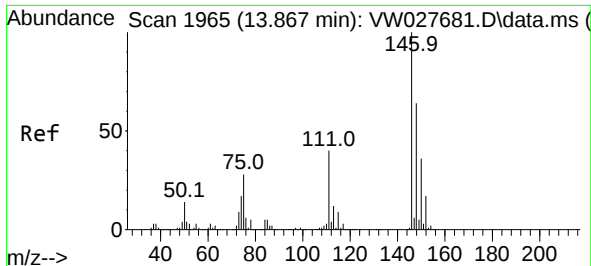
Tgt Ion:146 Resp: 375042
Ion Ratio Lower Upper
146 100
111 40.2 31.1 57.7
148 63.5 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 20.797 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

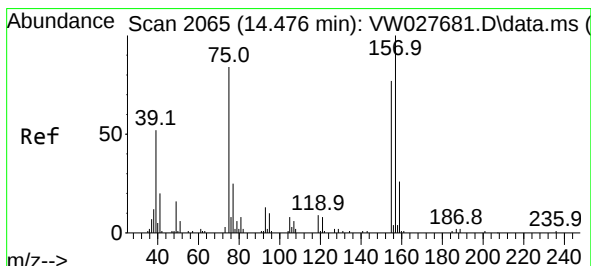
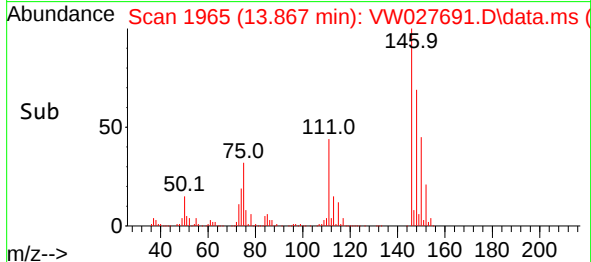
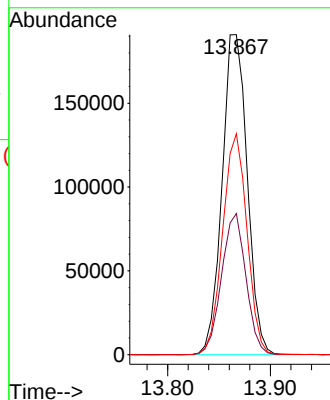
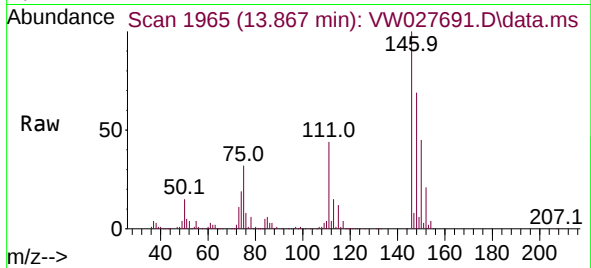
Tgt Ion:146 Resp: 373430
Ion Ratio Lower Upper
146 100
111 39.2 26.2 48.6
148 65.1 46.3 85.9





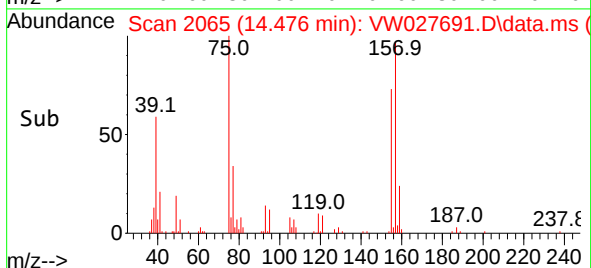
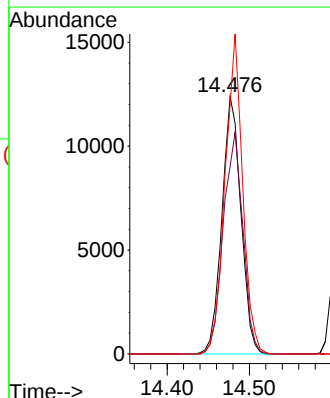
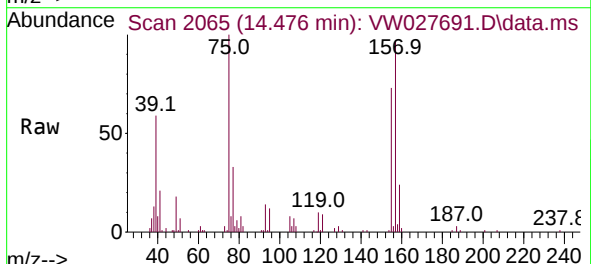
#67
1,2-Dichlorobenzene
Concen: 20.886 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

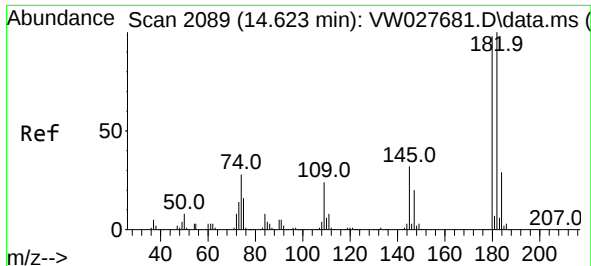
Tgt Ion:146 Resp: 324663
Ion Ratio Lower Upper
146 100
111 44.1 32.1 48.1
148 69.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 20.371 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

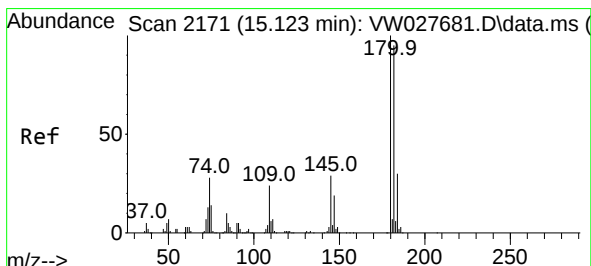
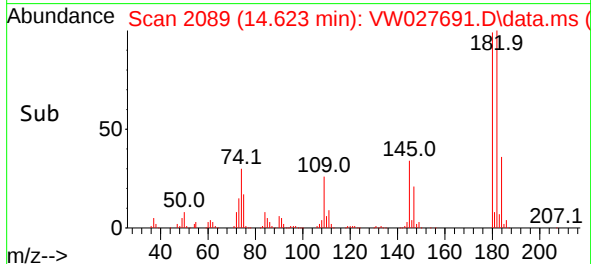
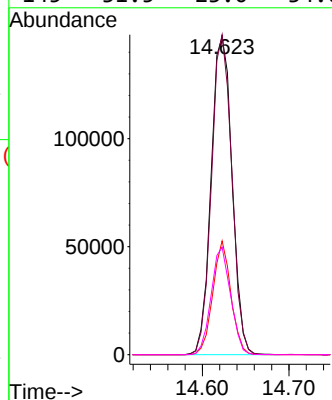
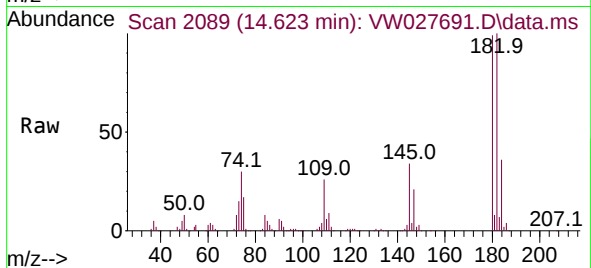
Tgt Ion: 75 Resp: 19880
Ion Ratio Lower Upper
75 100
155 72.8 59.8 89.6
157 96.5 87.5 131.3





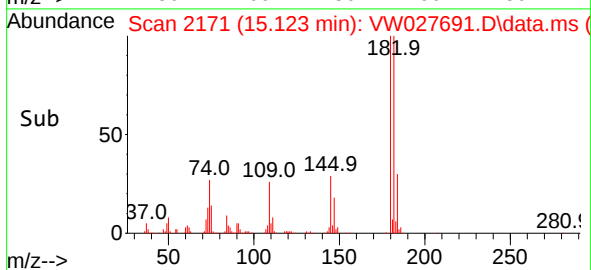
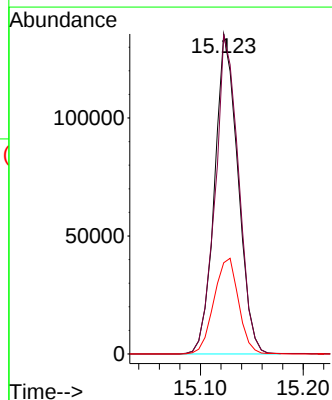
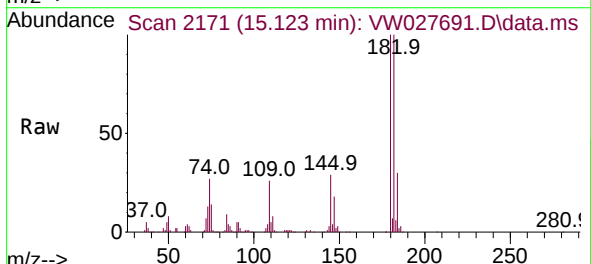
#69
1,3,5-Trichlorobenzene
Concen: 19.854 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

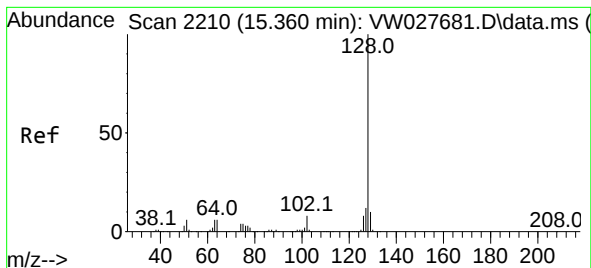
Tgt Ion:	180	Resp:	246953
Ion Ratio	Lower	Upper	
180	100		
182	97.3	72.6	109.0
184	31.0	23.0	34.6
145	31.5	23.0	34.6



#70
1,2,4-trichlorobenzene
Concen: 20.978 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

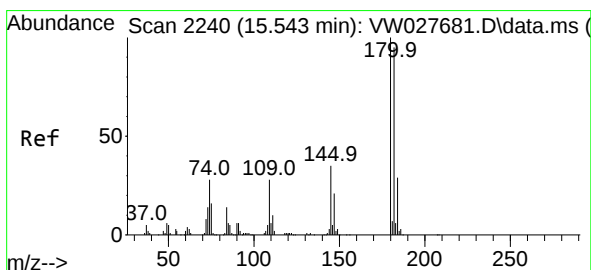
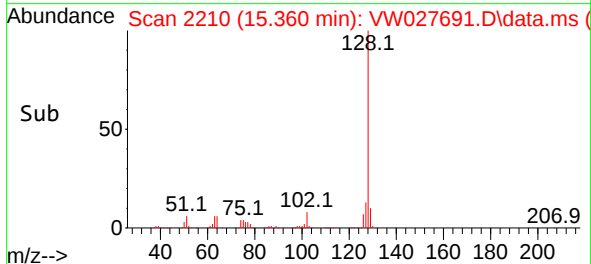
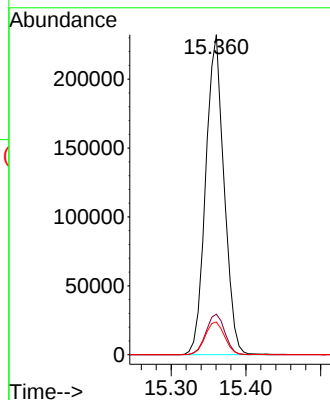
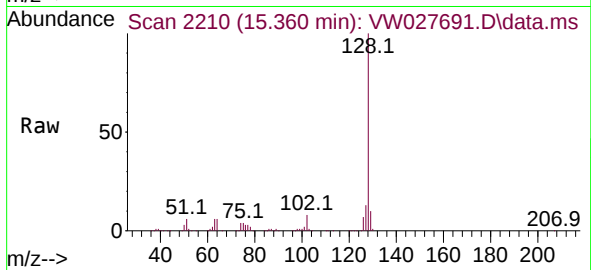
Tgt Ion:	180	Resp:	214279
Ion Ratio	Lower	Upper	
180	100		
182	99.5	69.7	104.5
145	31.4	24.1	36.1





#71
Naphthalene
Concen: 21.828 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion:128 Resp: 395111
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.396 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027691.D
Acq: 16 Dec 2023 15:00

Tgt Ion:180 Resp: 182730
Ion Ratio Lower Upper
180 100
182 95.8 75.5 113.3
145 32.9 25.0 37.6

