

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027687.D
 Acq On : 16 Dec 2023 13:25
 Operator : SY/MD
 Sample : 05788-20MSD
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 17 00:17:45 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	597010	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	553778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	161556	19.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.440%
7) Chloroethane-d5	2.899	69	126336	19.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	4.015	65	66694	19.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	7.087	46	64631	44.890	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.780%
24) Chloroform-d	7.648	84	309295	21.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	8.301	65	147123	22.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.240%
32) Benzene-d6	8.270	84	669422	20.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.720%
36) 1,2-Dichloropropane-d6	9.270	67	193871	21.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	10.319	98	616106	20.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	10.575	79	79611	22.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	61343	45.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151341	21.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	209504	20.766	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	120713	17.372	ug/L	94
3) Chloromethane	2.222	50	163238	19.945	ug/L	98
5) Vinyl chloride	2.375	62	190517	19.566	ug/L	99
6) Bromomethane	2.789	94	124902	20.153	ug/L	96
8) Chloroethane	2.936	64	108180	18.582	ug/L	99
9) Trichlorofluoromethane	3.265	101	169684	19.295	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147421	19.734	ug/L	99
12) 1,1-Dichloroethene	4.045	96	149307	20.417	ug/L	93
13) Acetone	4.149	43	51390	39.320	ug/L	99
14) Carbon disulfide	4.387	76	481925	19.616	ug/L	100
15) Methyl Acetate	4.679	43	47410	20.078	ug/L	97
16) Methylene chloride	4.917	84	162569	17.367	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	154981	20.042	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	219073	21.428	ug/L	100
19) 1,1-Dichloroethane	6.216	63	267409	20.336	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	174325	21.415	ug/L	95
22) 2-Butanone	7.179	43	67914	39.131	ug/L	97
23) Bromochloromethane	7.514	128	74971	21.811	ug/L	93
25) Chloroform	7.673	83	271558	20.969	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	162451	21.396	ug/L	97
29) Cyclohexane	7.959	56	246984	18.850	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	219321	18.960	ug/L	99
31) Carbon tetrachloride	8.069	117	193920	19.049	ug/L	97
33) Benzene	8.325	78	637171	19.848	ug/L	100
34) Trichloroethene	9.093	95	166250	18.999	ug/L	97
35) Methylcyclohexane	9.331	83	301415	19.098	ug/L	99
37) 1,2-Dichloropropane	9.367	63	156461	20.191	ug/L	100
38) Bromodichloromethane	9.642	83	192146	20.400	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	246458	20.867	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	137717	40.661	ug/L	99
42) Toluene	10.386	91	676071	19.573	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	197849	21.271	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	118416	20.640	ug/L	99
46) Tetrachloroethene	10.861	164	132241	18.926	ug/L	92
48) 2-Hexanone	10.965	43	101002	40.065	ug/L	99
49) Dibromochloromethane	11.123	129	124566	20.759	ug/L	90
50) 1,2-Dibromoethane	11.233	107	111230	20.401	ug/L	88
51) Chlorobenzene	11.654	112	448172	20.309	ug/L	95
52) Ethylbenzene	11.727	91	764762	19.648	ug/L	95
53) m,p-Xylene	11.837	106	293091	19.604	ug/L	90
54) o-Xylene	12.166	106	290019	20.833	ug/L	85
55) Styrene	12.178	104	497960	21.219	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	132059	20.193	ug/L	99
59) Bromoform	12.349	173	70383	20.401	ug/L	96
60) Isopropylbenzene	12.458	105	792553	19.924	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	92013	19.588	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	634496	19.954	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	651043	20.799	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	350809	20.409	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	347906	20.150	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	307972	20.604	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	18513	19.728	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	245312	20.511	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	192718	19.621	ug/L	93
71) Naphthalene	15.360	128	363643	20.893	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	164227	19.998	ug/L	93

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

Abundance

TIC: VW027687.D\data.ms

Time-->

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl chloride, S

Bromomethane, T

Chloroethane, S

Trichlorofluoromethane, T

Acetone, T

1,1,2-Trichloroethane, T

1,1,2-Dichloroethane, T

Carbon disulfide, T

Methyl acetate, T

Methylene chloride, T

Methylcyclohexane, T

1,1-Dichloroethane, T

2-Butanone-d5, S

2-Butanone, T

Bromochloromethane, T

Chloroform-d, S

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane-d2, S

1,4-Difluorobenzene, T

Trichloroethene, T

1,2-Dichloropropane-d5, S

1,2-Dichloropropane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, T

trans-1,3-Dichloropropene-d5, S

trans-1,3-Dichloropropene, T

1,1,2-Trichloroethane, T

Tetrachloroethene, T

2-Hexanone-d5, S

Dibromochloromethane, T

1,2-Dibromoethane, T

Chlorobenzene, T

Chlorobenzene-d5, T

m,p-Xylene, T

Styrene, T

Bromoforn, T

1,2,3-Trichloropropane-d2, S

1,2,3-Trichloropropane, T

1,3-Dichlorobenzene, T

1,3-Dichlorobenzene-d4, T

1,2-Dichlorobenzene, T

1,2-Dichlorobenzene-d4, S

1,2-Dibromo-3-chloropropane, T

1,3,5-Trichlorobenzene

Naphthalene

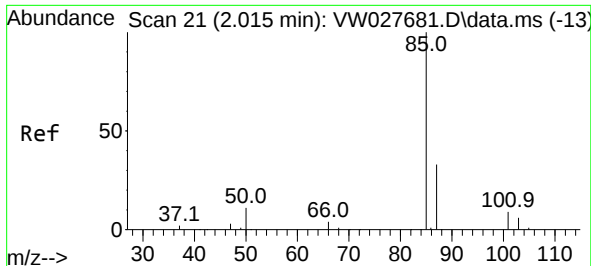
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1,2,4-trichlorobenzene, T

1,3,5-Trimethylbenzene

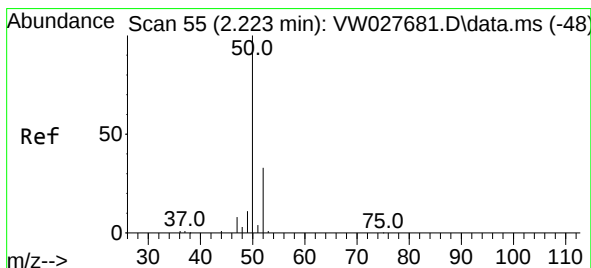
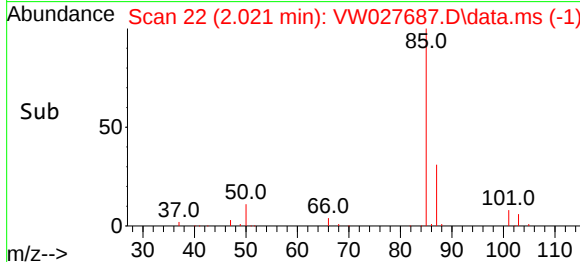
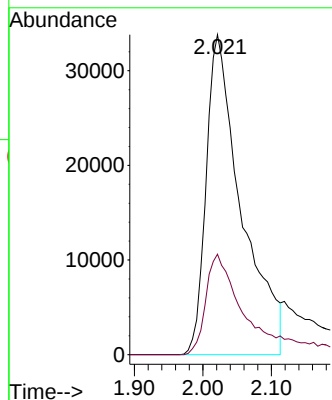
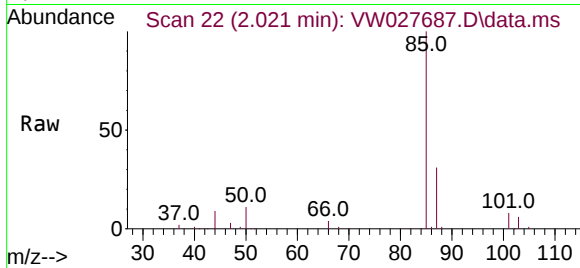
1,2,4-Trimethylbenzene

Isopropylbenzene



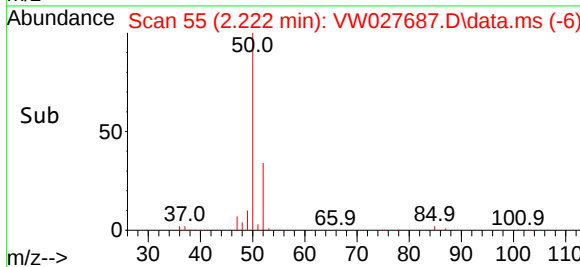
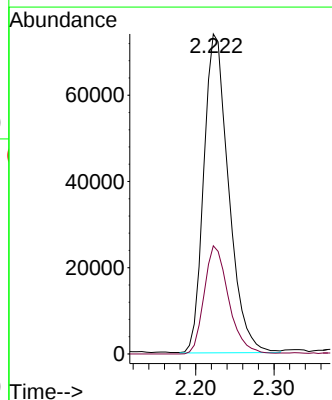
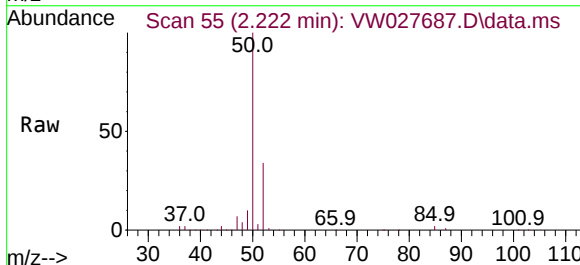
#2
Dichlorodifluoromethane
Concen: 17.372 ug/L
RT: 2.021 min Scan# 22
Delta R.T. 0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

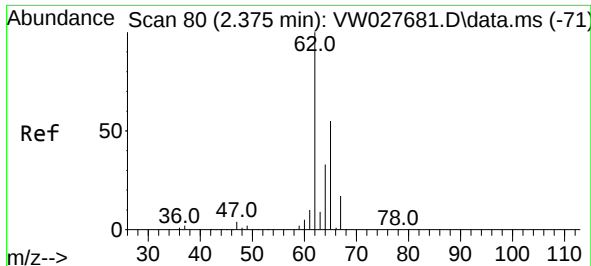
Tgt Ion: 85 Resp: 120713
Ion Ratio Lower Upper
85 100
87 32.0 23.2 34.8



#3
Chloromethane
Concen: 19.945 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

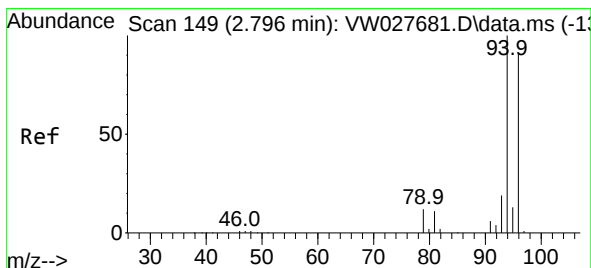
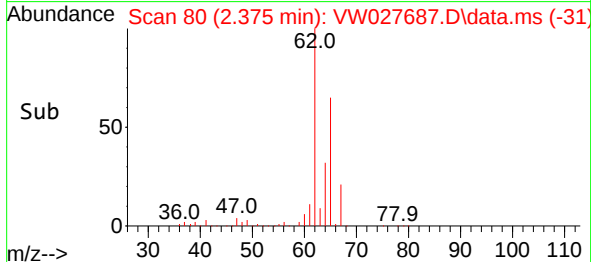
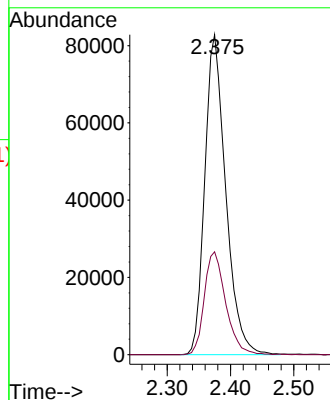
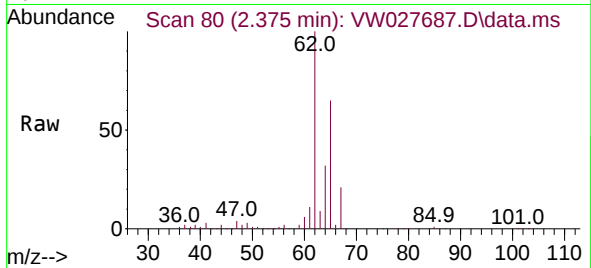
Tgt Ion: 50 Resp: 163238
Ion Ratio Lower Upper
50 100
52 33.8 22.8 42.4





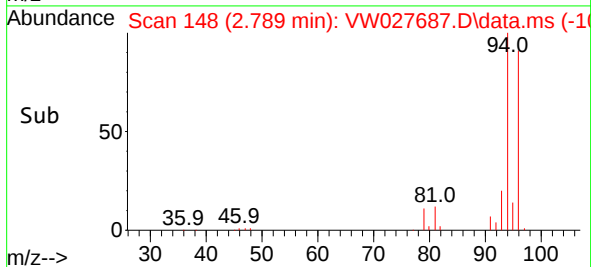
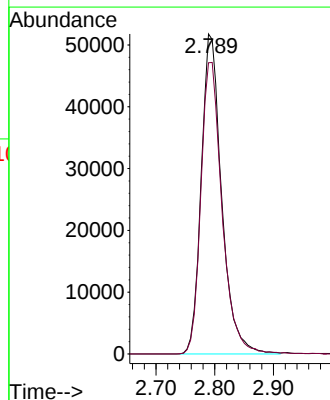
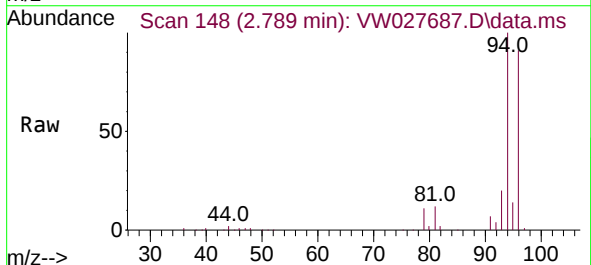
#5
 Vinyl chloride
 Concen: 19.566 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027687.D
 Acq: 16 Dec 2023 13:25

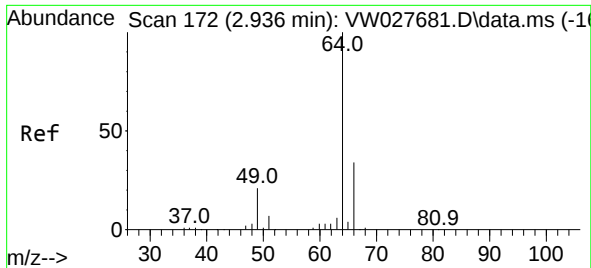
Tgt Ion: 62 Resp: 190517
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.2 41.2



#6
 Bromomethane
 Concen: 20.153 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027687.D
 Acq: 16 Dec 2023 13:25

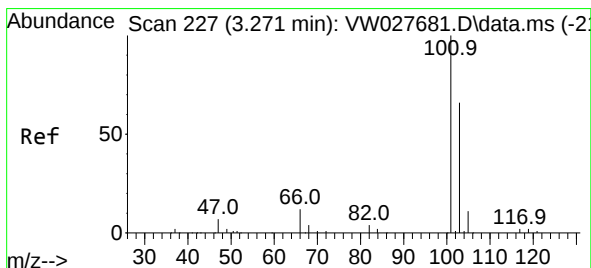
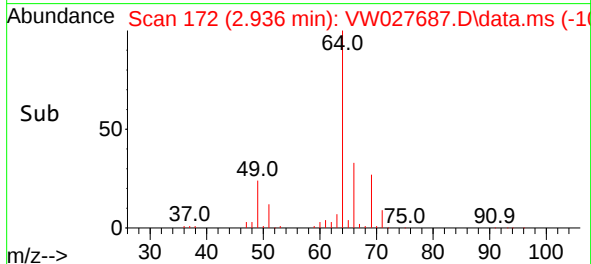
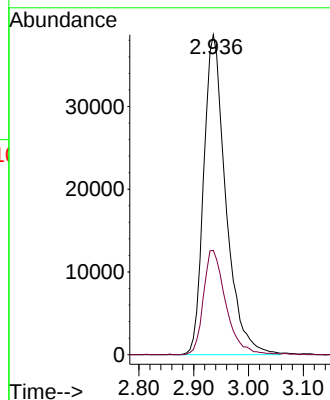
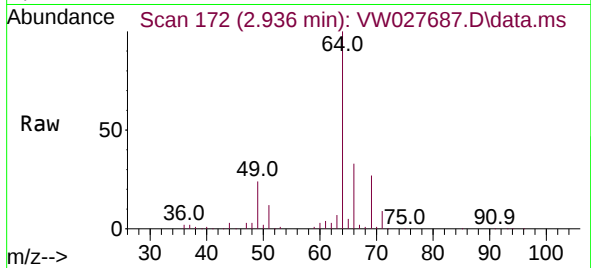
Tgt Ion: 94 Resp: 124902
 Ion Ratio Lower Upper
 94 100
 96 91.0 61.2 113.8





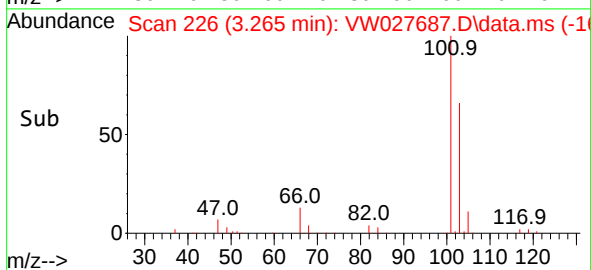
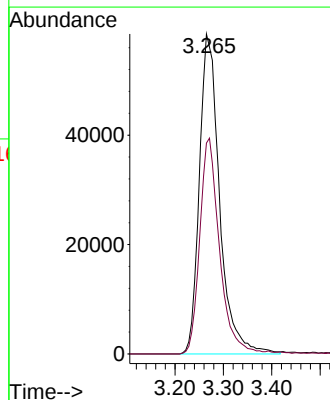
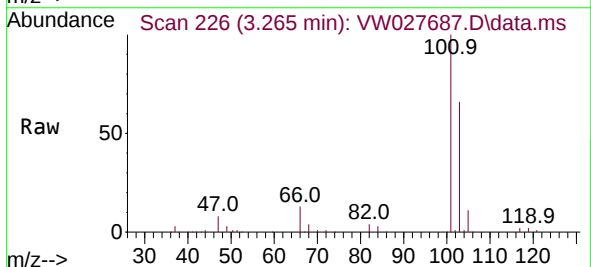
#8
Chloroethane
Concen: 18.582 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

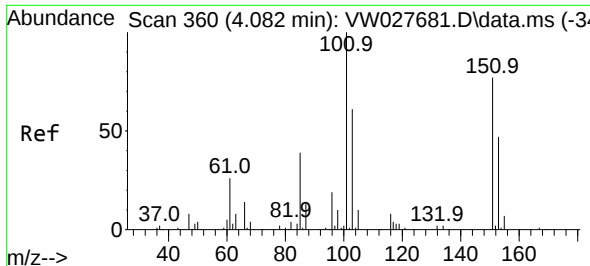
Tgt Ion: 64 Resp: 108180
Ion Ratio Lower Upper
64 100
66 32.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 19.295 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

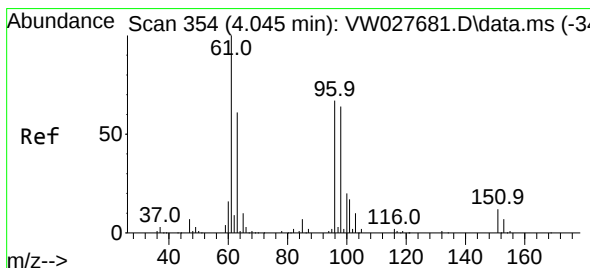
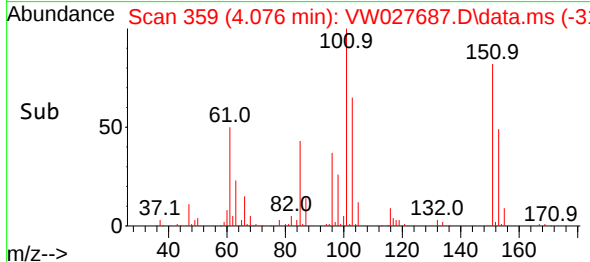
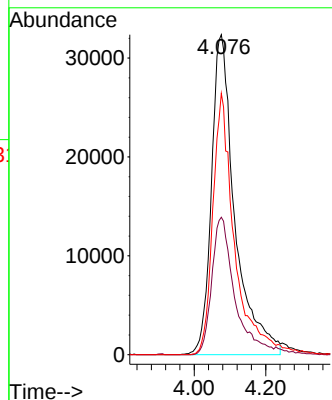
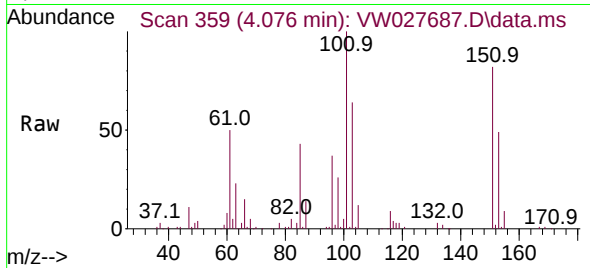
Tgt Ion:101 Resp: 169684
Ion Ratio Lower Upper
101 100
103 65.7 51.1 76.7





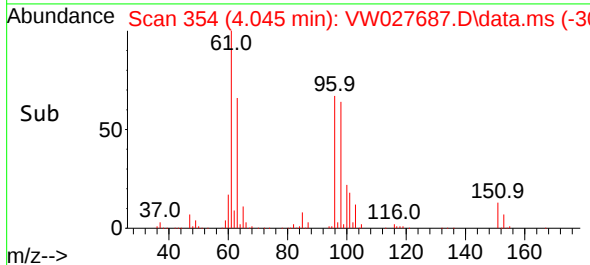
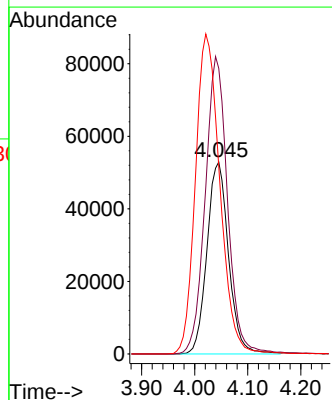
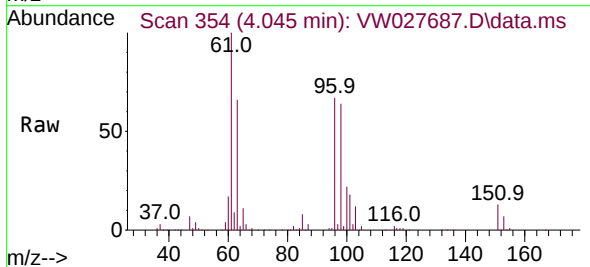
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.734 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027687.D
 Acq: 16 Dec 2023 13:25

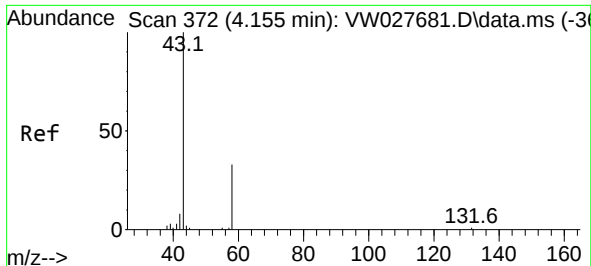
Tgt Ion:101 Resp: 147421
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.0 49.4
 151 74.1 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 20.417 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027687.D
 Acq: 16 Dec 2023 13:25

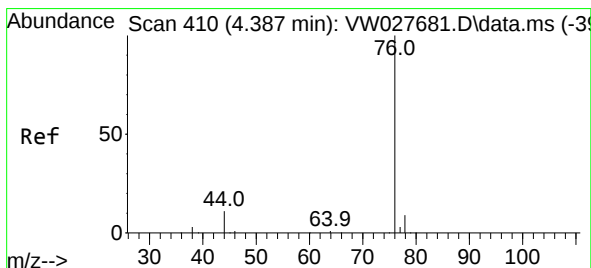
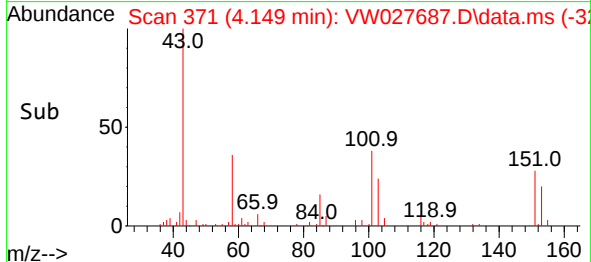
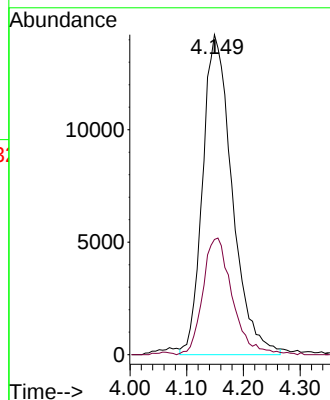
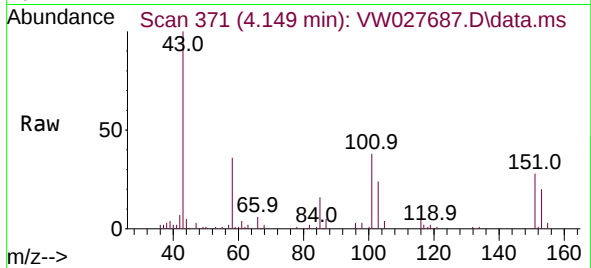
Tgt Ion: 96 Resp: 149307
 Ion Ratio Lower Upper
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 61 148.8 110.9 206.1
 63 97.6 73.6 136.6





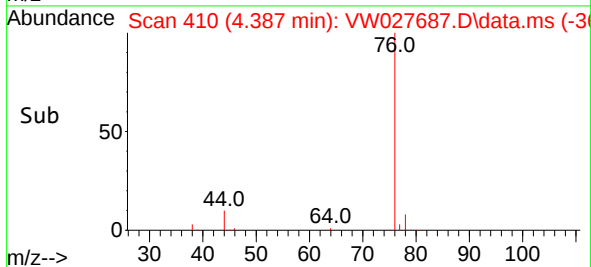
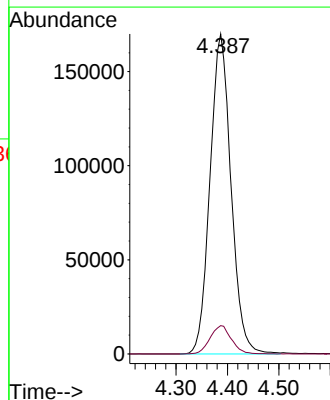
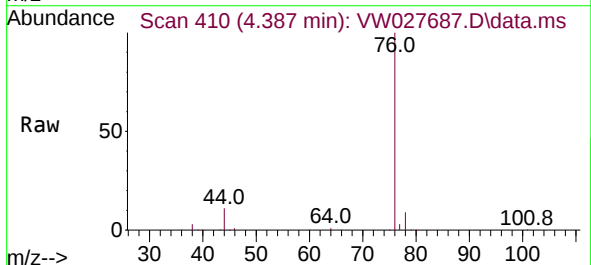
#13
Acetone
Concen: 39.320 ug/L
RT: 4.149 min Scan# 371
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

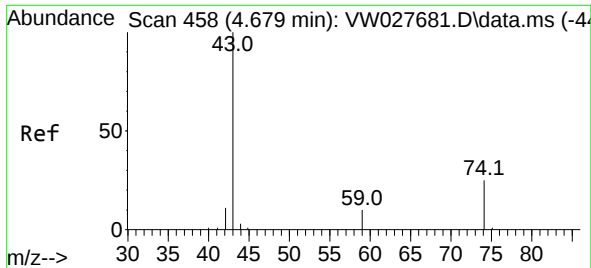
Tgt Ion: 43 Resp: 51390
Ion Ratio Lower Upper
43 100
58 35.0 0.0 68.6



#14
Carbon disulfide
Concen: 19.616 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

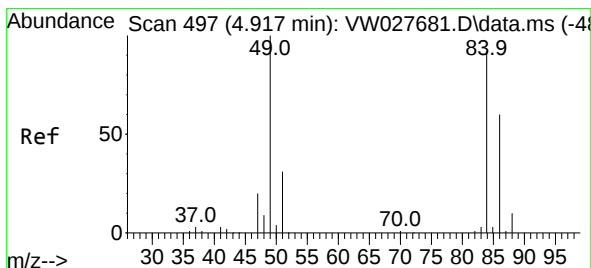
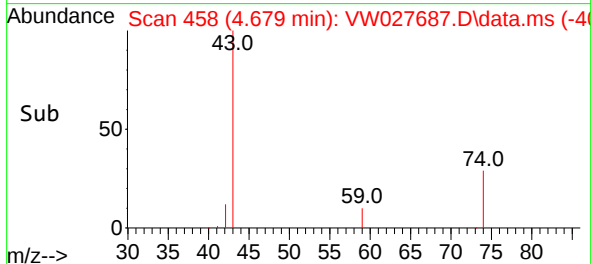
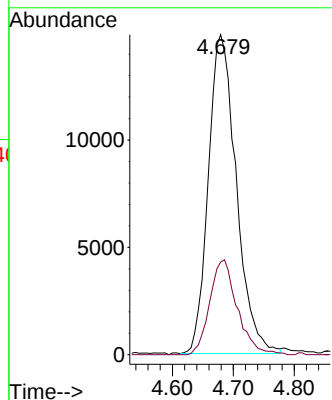
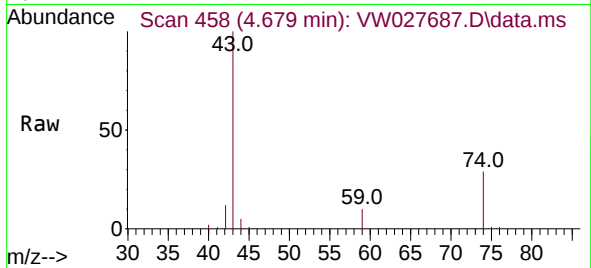
Tgt Ion: 76 Resp: 481925
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6





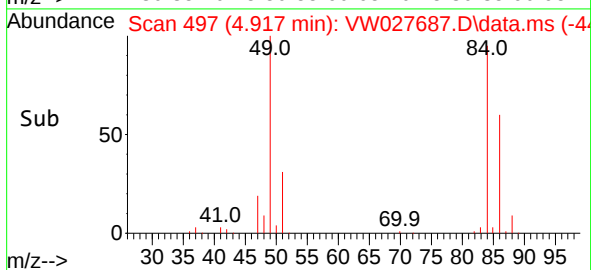
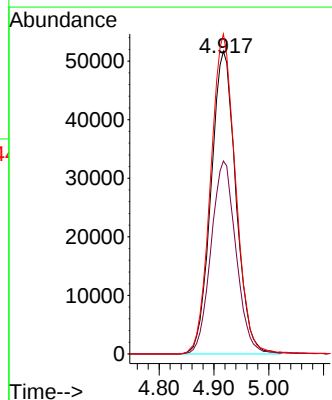
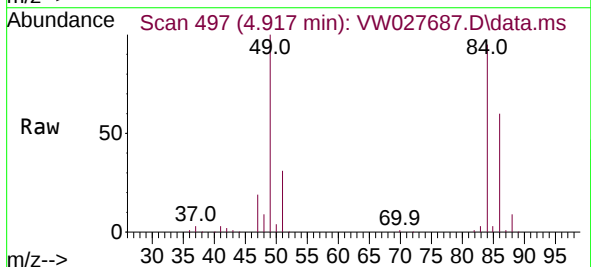
#15
Methyl Acetate
Concen: 20.078 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

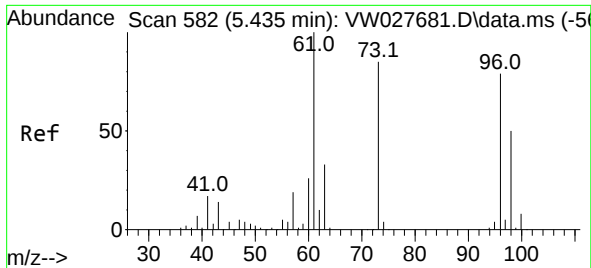
Tgt Ion: 43 Resp: 47410
Ion Ratio Lower Upper
43 100
74 29.2 22.1 33.1



#16
Methylene chloride
Concen: 17.367 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 84 Resp: 162569
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.2
49 105.7 76.2 141.6

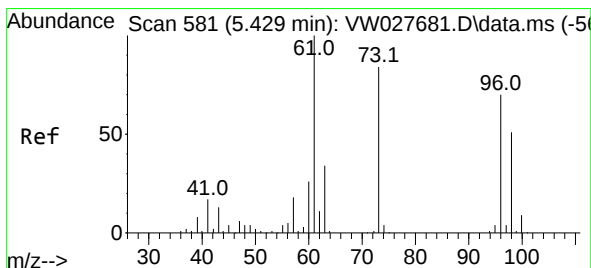
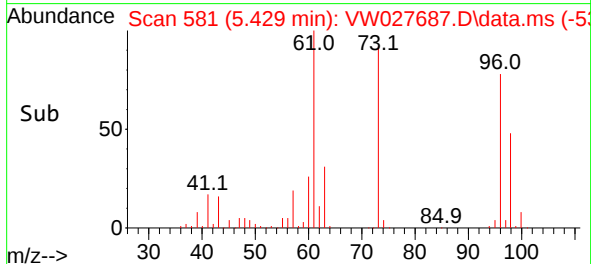
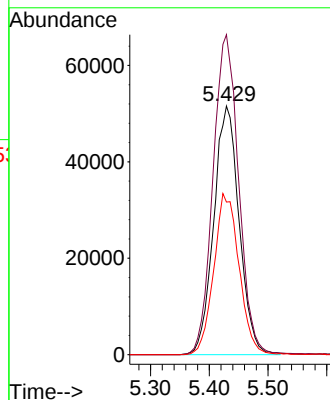
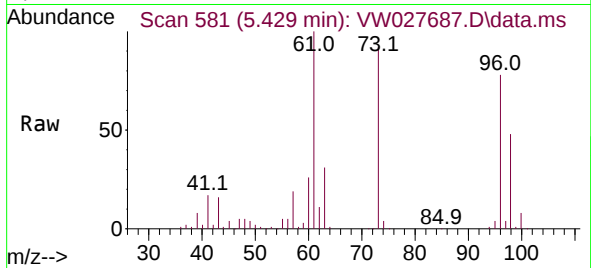




#17
trans-1,2-Dichloroethene
Concen: 20.042 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 96 Resp: 154981

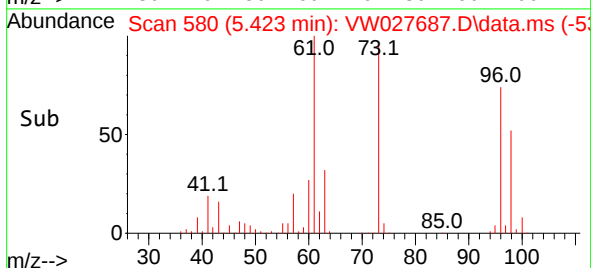
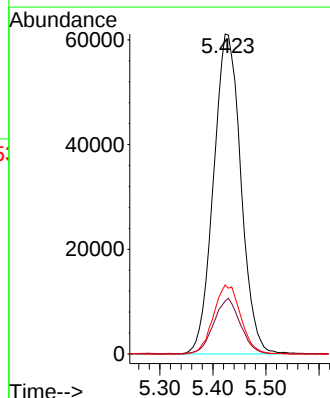
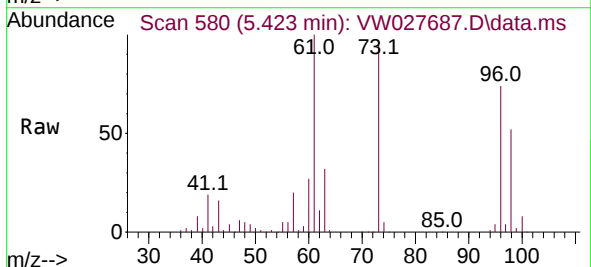
Ion	Ratio	Lower	Upper
96	100		
61	128.7	88.5	164.3
98	61.4	42.9	79.7

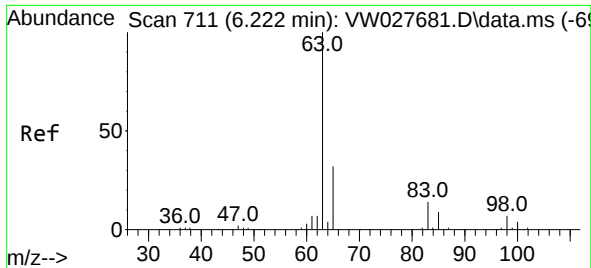


#18
Methyl tert-butyl Ether
Concen: 21.428 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion: 73 Resp: 219073

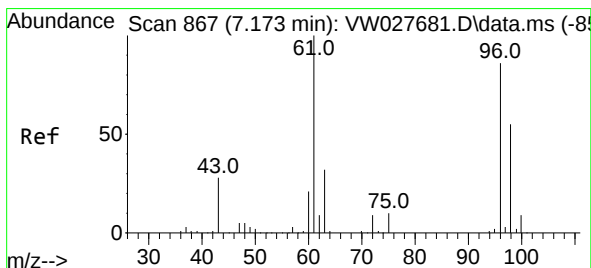
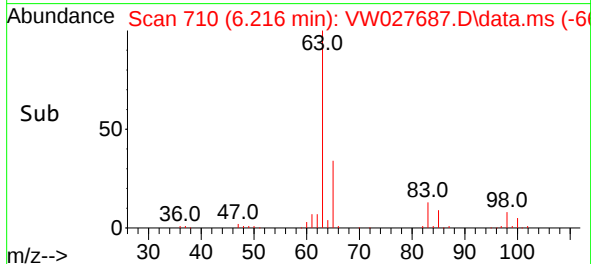
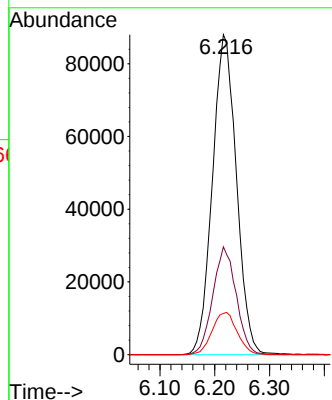
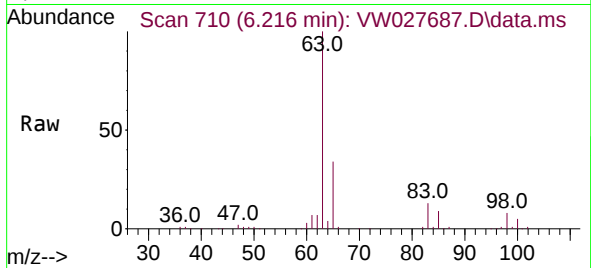
Ion	Ratio	Lower	Upper
73	100		
43	16.9	13.5	20.3
57	21.5	17.4	26.0





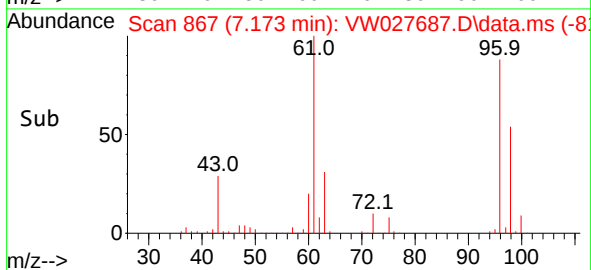
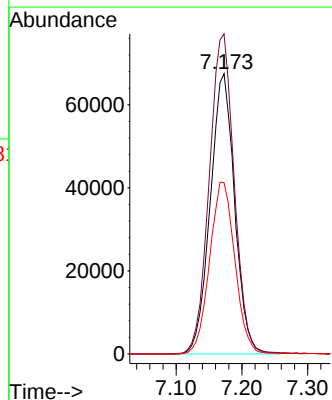
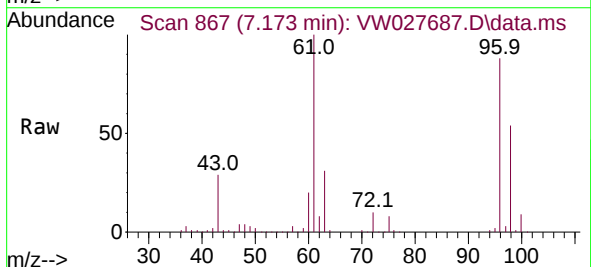
#19
1,1-Dichloroethane
Concen: 20.336 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

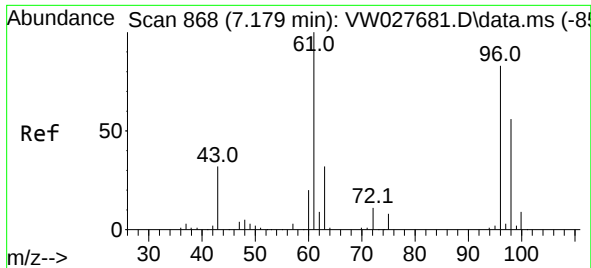
Tgt Ion:	63	Resp:	267409
Ion	Ratio	Lower	Upper
63	100		
65	33.7	23.0	42.8
83	12.9	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 21.415 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

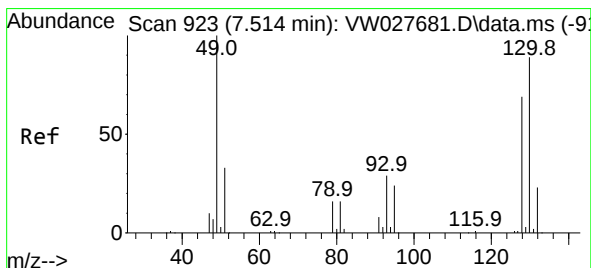
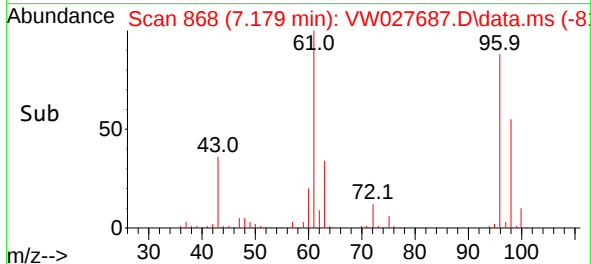
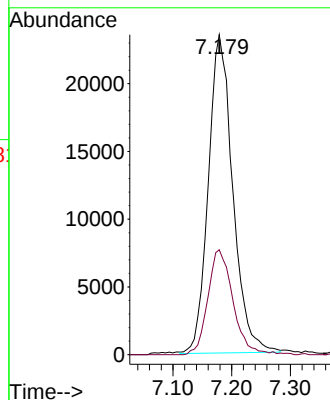
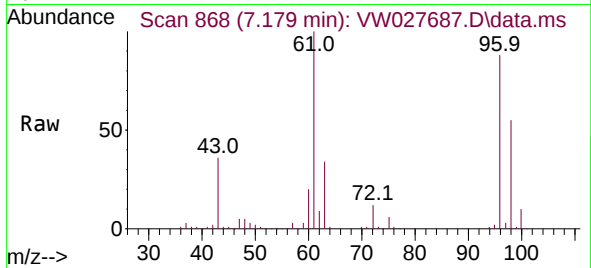
Tgt Ion:	96	Resp:	174325
Ion	Ratio	Lower	Upper
96	100		
61	114.2	83.5	155.1
98	61.1	46.5	86.5





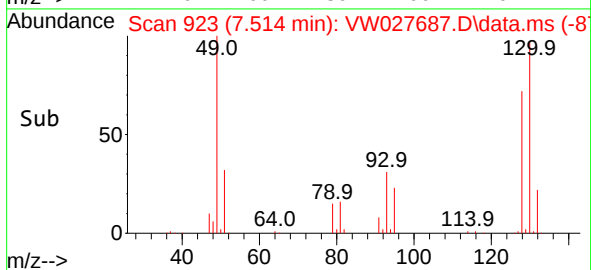
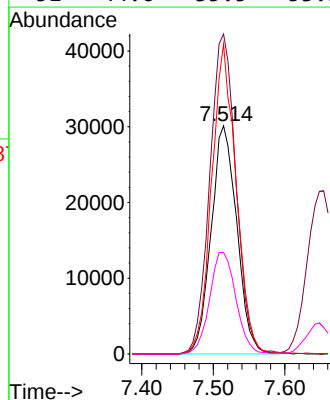
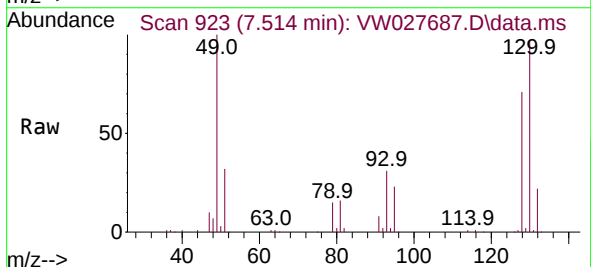
#22
2-Butanone
Concen: 39.131 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

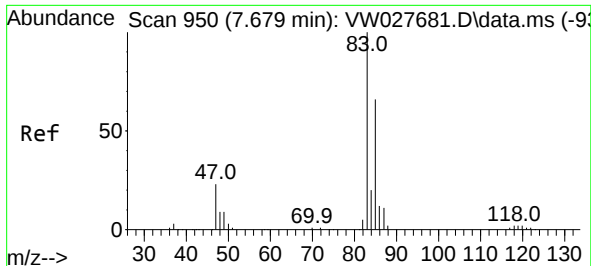
Tgt Ion: 43 Resp: 67914
Ion Ratio Lower Upper
43 100
72 33.6 16.1 48.2



#23
Bromochloromethane
Concen: 21.811 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

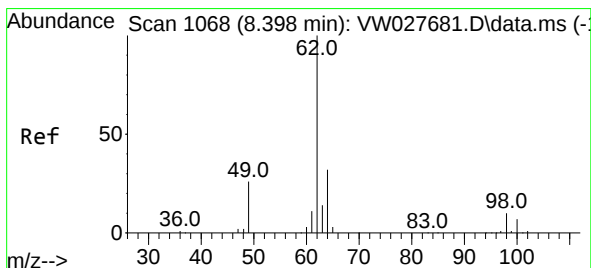
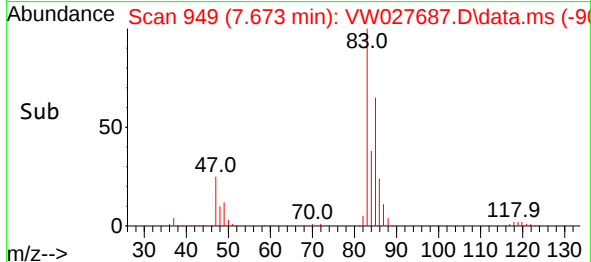
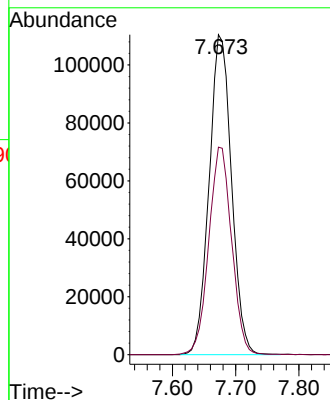
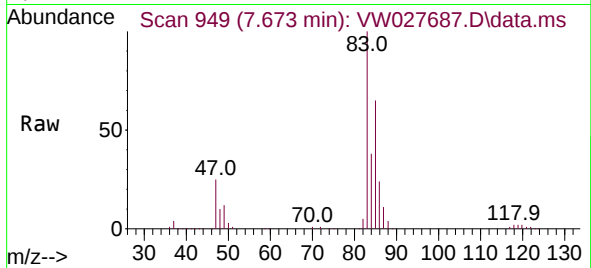
Tgt Ion: 128 Resp: 74971
Ion Ratio Lower Upper
128 100
49 140.3 94.1 174.7
130 135.9 86.2 160.0
51 44.6 35.5 53.3





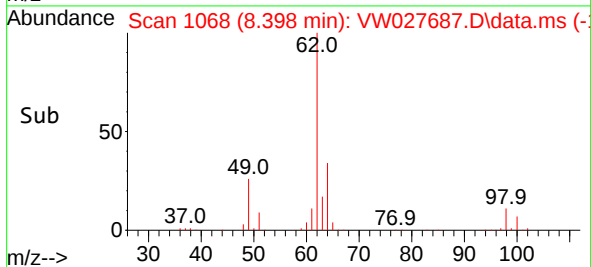
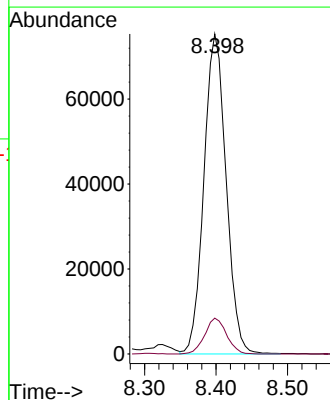
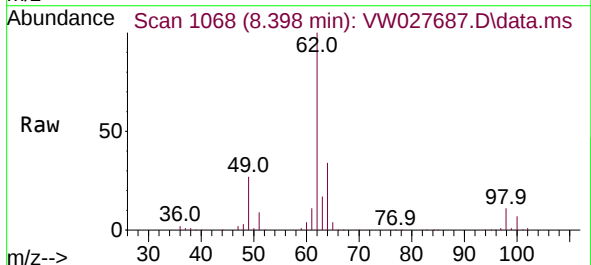
#25
Chloroform
Concen: 20.969 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

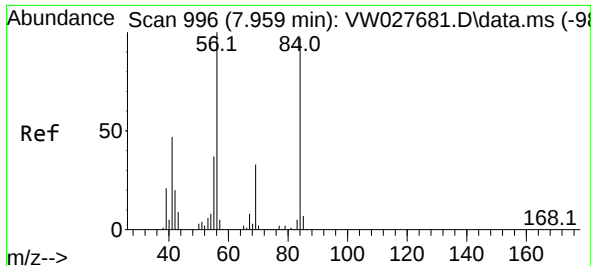
Tgt Ion: 83 Resp: 271558
Ion Ratio Lower Upper
83 100
85 64.8 46.9 87.1



#27
1,2-Dichloroethane
Concen: 21.396 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

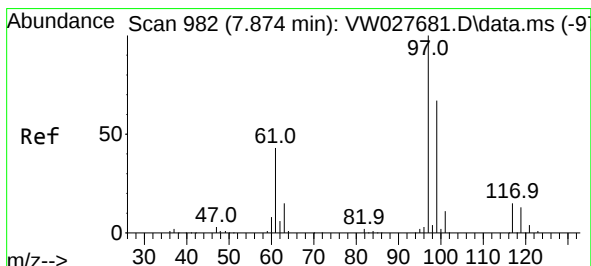
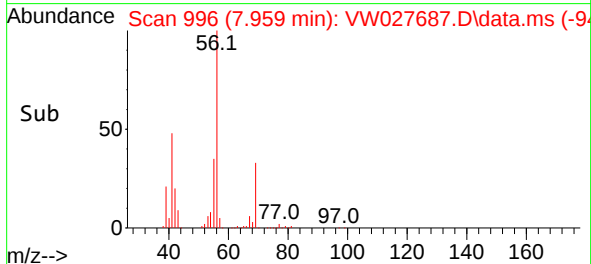
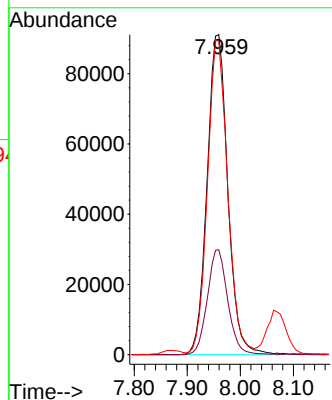
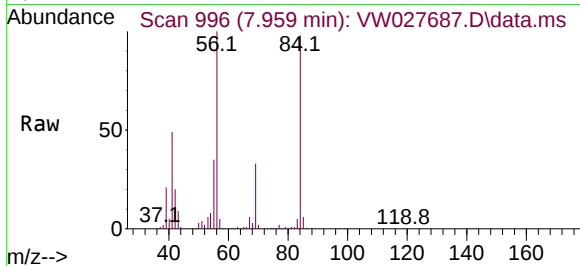
Tgt Ion: 62 Resp: 162451
Ion Ratio Lower Upper
62 100
98 11.2 8.1 12.1





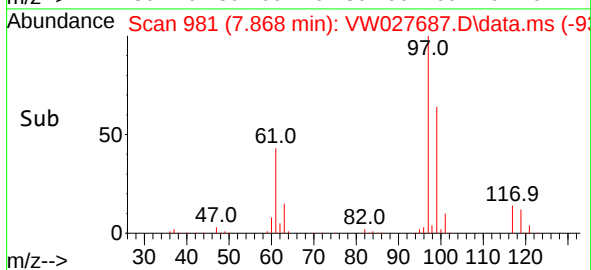
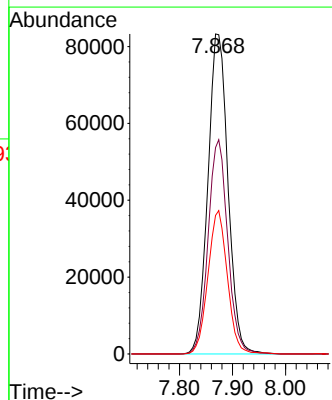
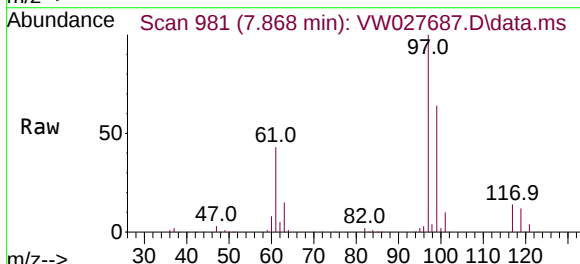
#29
Cyclohexane
Concen: 18.850 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

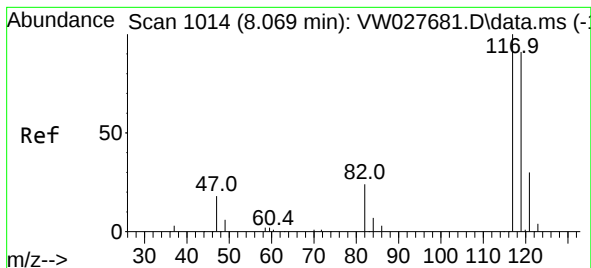
Tgt Ion	56	69	84	Resp	246984
Ion	56	69	84	Ratio	Lower Upper
56	100	32.3	96.0	25.7	38.5 113.4



#30
1,1,1-Trichloroethane
Concen: 18.960 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

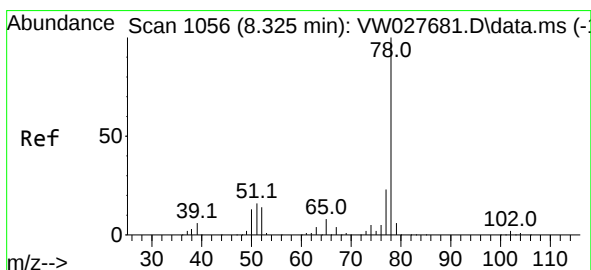
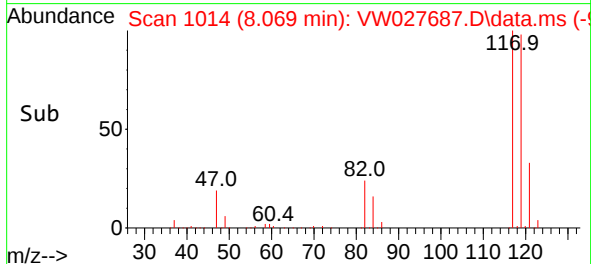
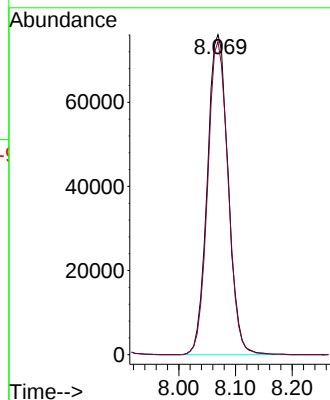
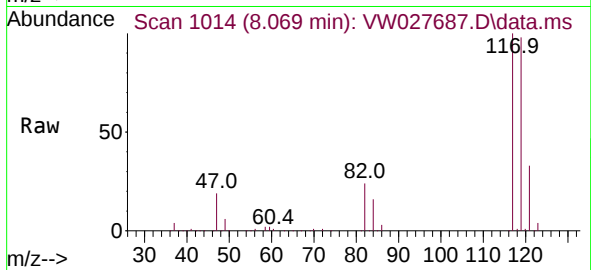
Tgt Ion	97	99	61	Resp	219321
Ion	97	99	61	Ratio	Lower Upper
97	100	65.2	43.2	51.1	76.7 51.4





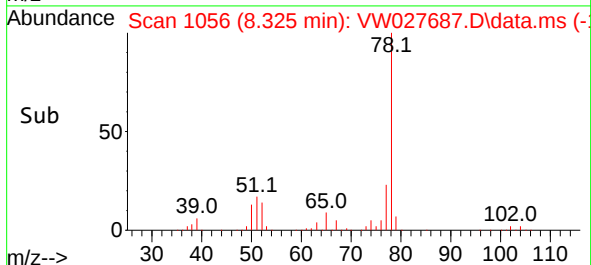
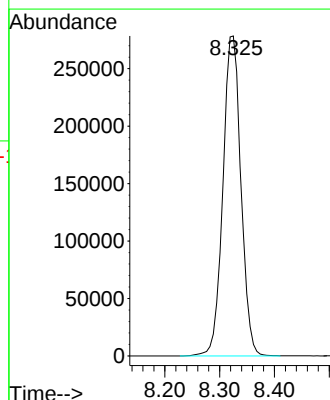
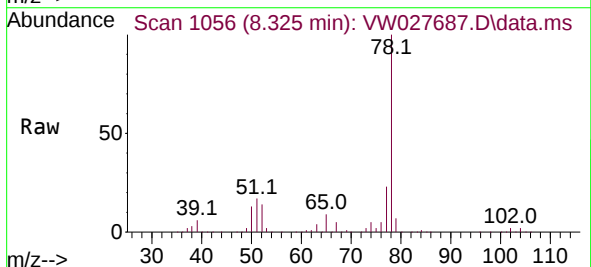
#31
Carbon tetrachloride
Concen: 19.049 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

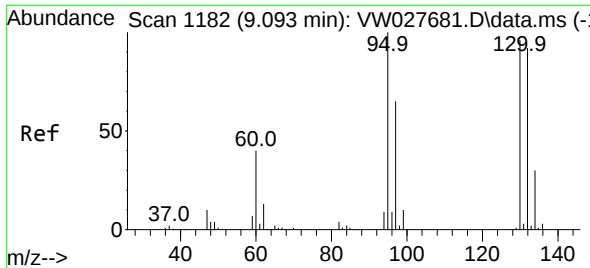
Tgt Ion:117 Resp: 193920
Ion Ratio Lower Upper
117 100
119 96.2 74.6 112.0



#33
Benzene
Concen: 19.848 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

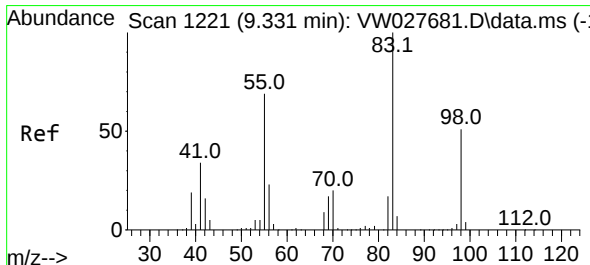
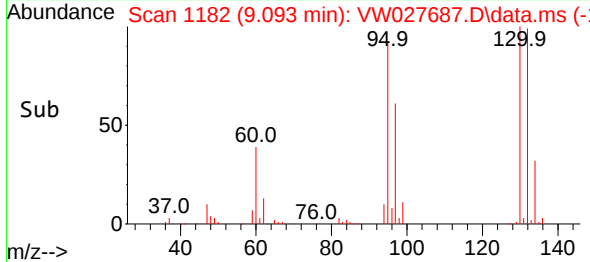
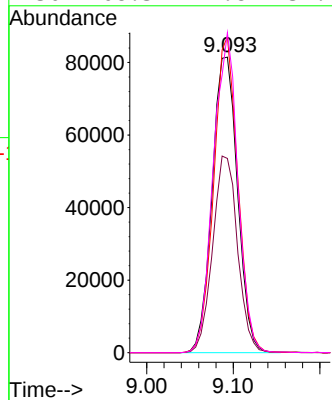
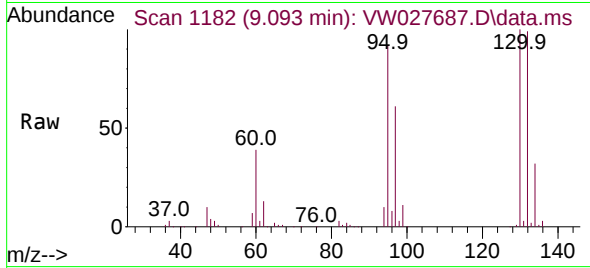
Tgt Ion: 78 Resp: 637171





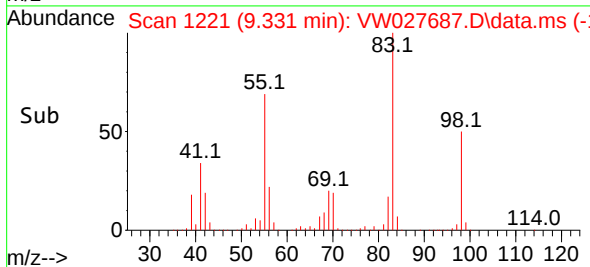
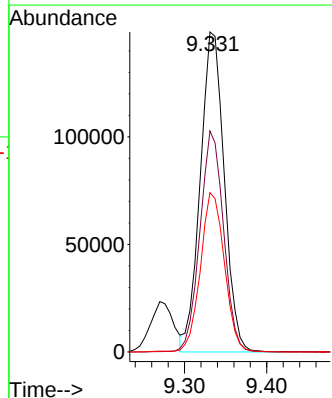
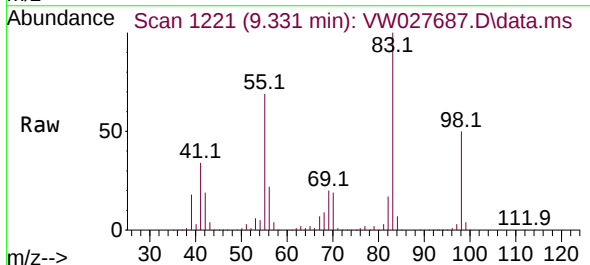
#34
Trichloroethene
Concen: 18.999 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

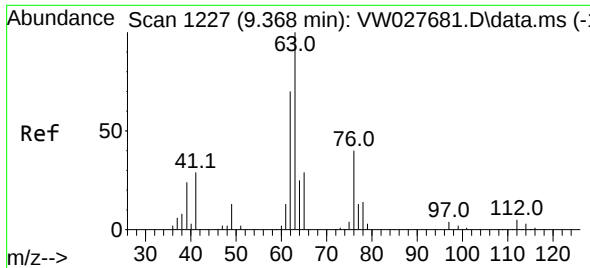
Tgt Ion: 95 Resp: 166250
Ion Ratio Lower Upper
95 100
97 65.8 45.9 85.3
132 107.0 70.4 130.8
130 108.3 74.8 139.0



#35
Methylcyclohexane
Concen: 19.098 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

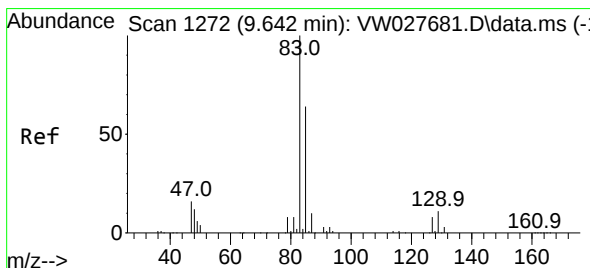
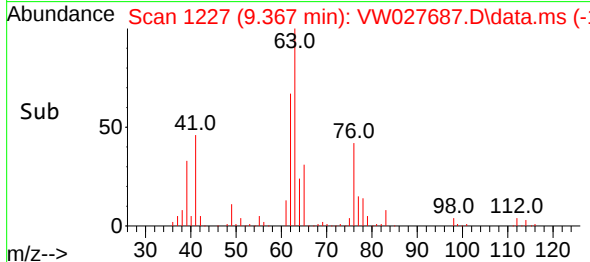
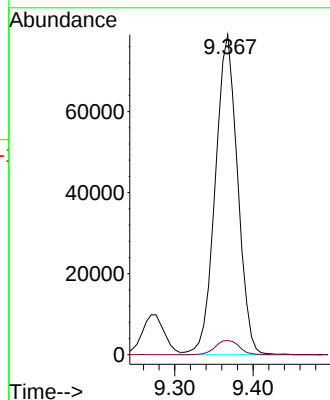
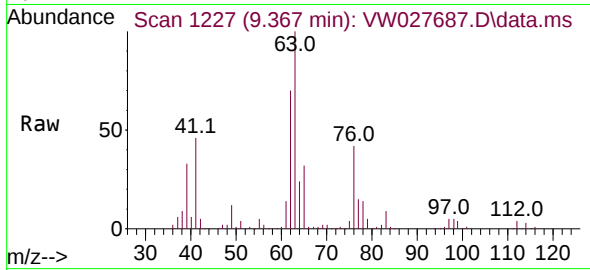
Tgt Ion: 83 Resp: 301415
Ion Ratio Lower Upper
83 100
55 68.1 55.1 82.7
98 49.7 39.3 58.9





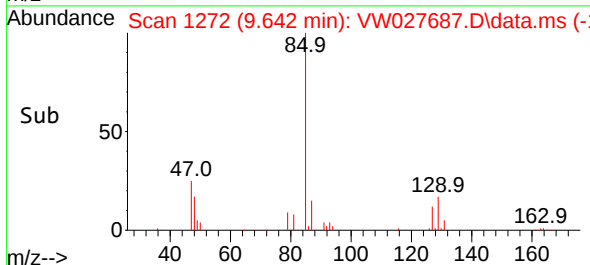
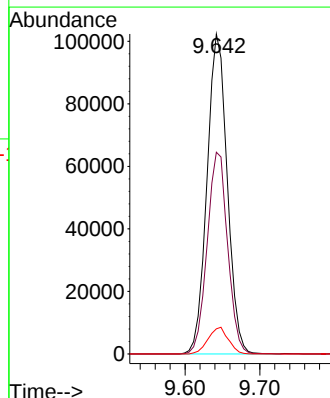
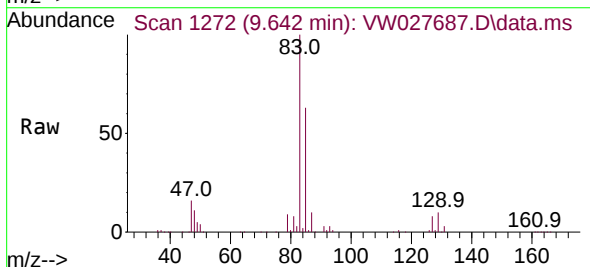
#37
1,2-Dichloropropane
Concen: 20.191 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

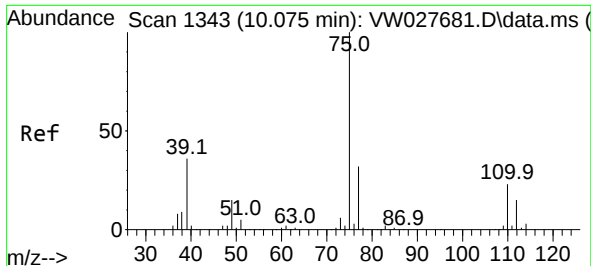
Tgt Ion: 63 Resp: 156461
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 20.400 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

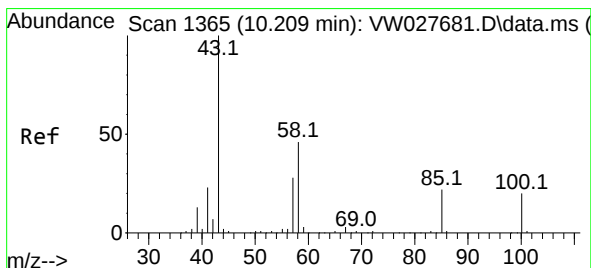
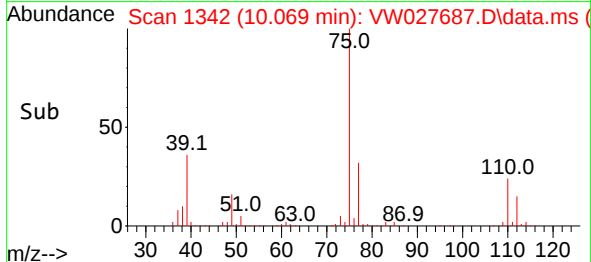
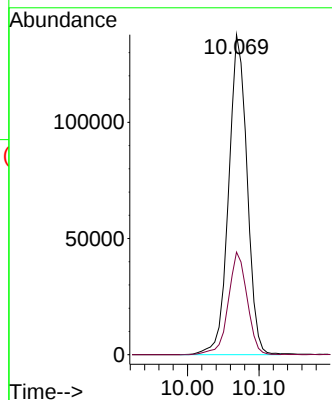
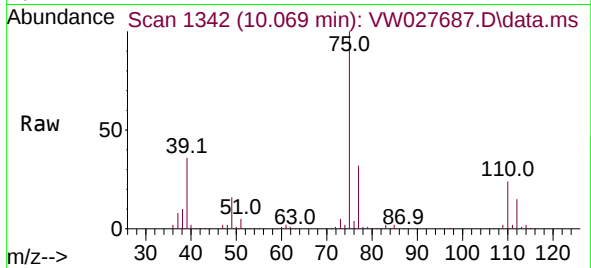
Tgt Ion: 83 Resp: 192146
Ion Ratio Lower Upper
83 100
85 63.1 45.3 84.1
127 7.8 6.8 10.2





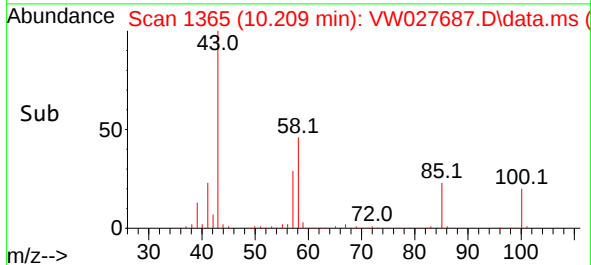
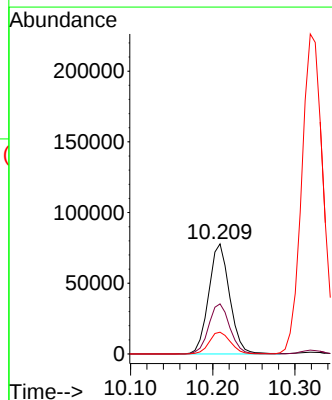
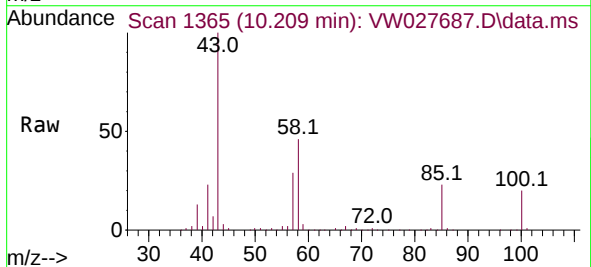
#39
cis-1,3-Dichloropropene
Concen: 20.867 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

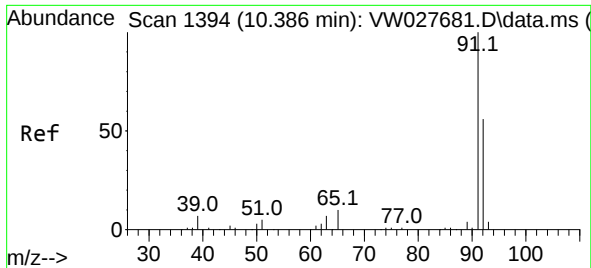
Tgt Ion: 75 Resp: 246458
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 40.661 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

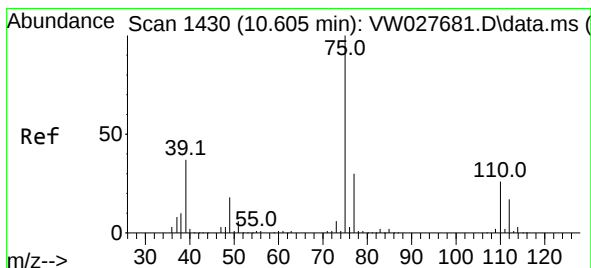
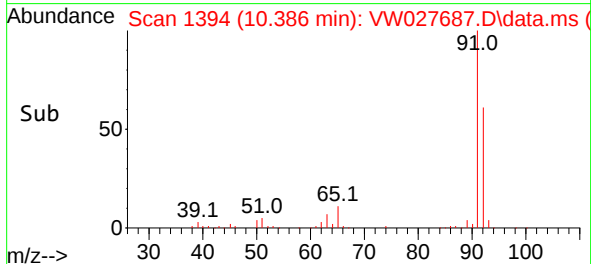
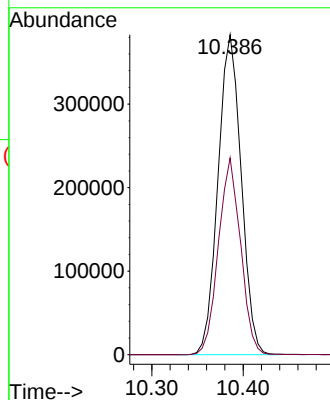
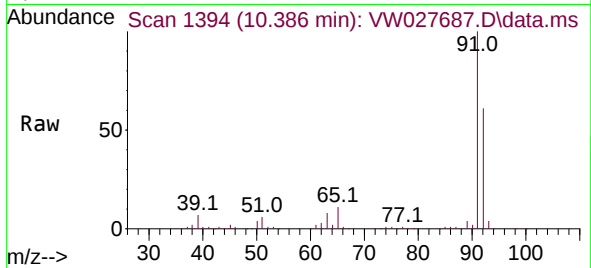
Tgt Ion: 43 Resp: 137717
Ion Ratio Lower Upper
43 100
58 46.1 36.1 54.1
100 20.1 15.8 23.8





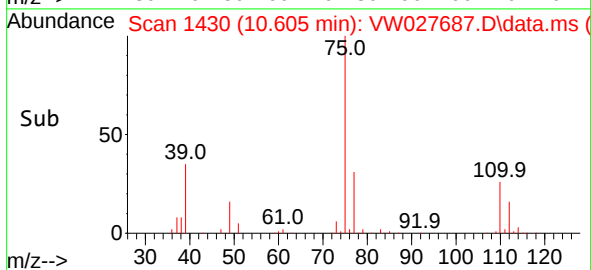
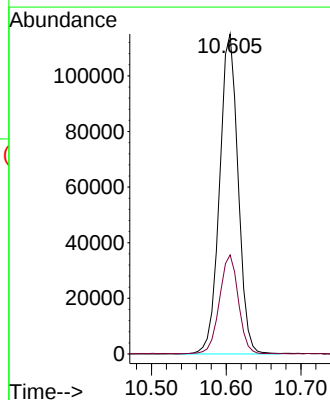
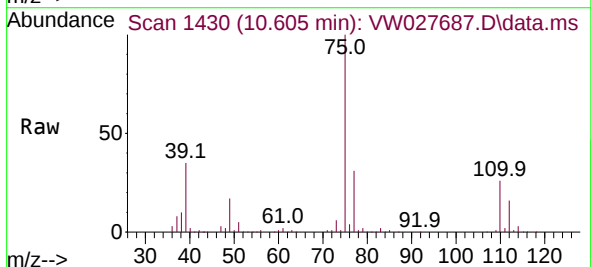
#42
Toluene
Concen: 19.573 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

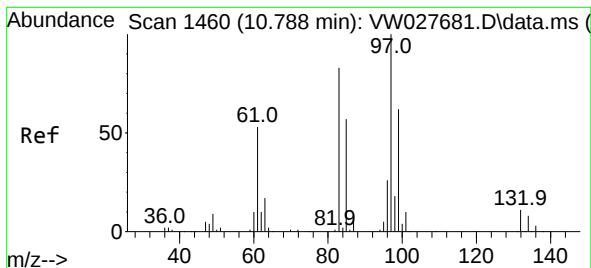
Tgt Ion: 91 Resp: 676071
Ion Ratio Lower Upper
91 100
92 61.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 21.271 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

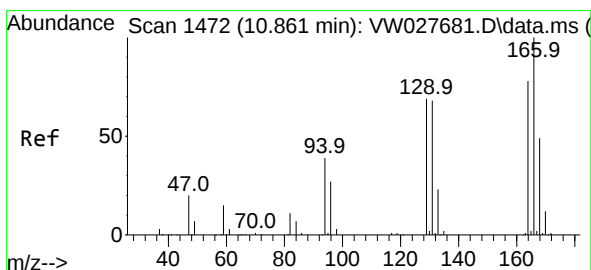
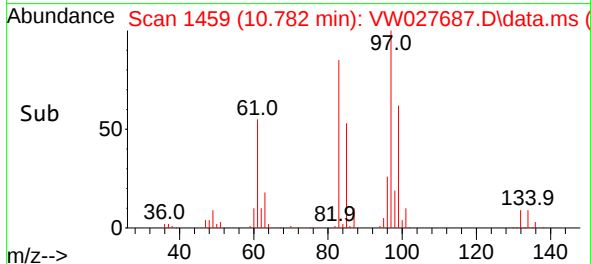
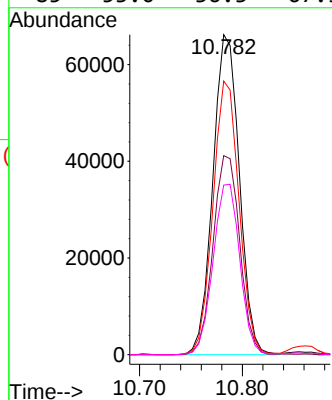
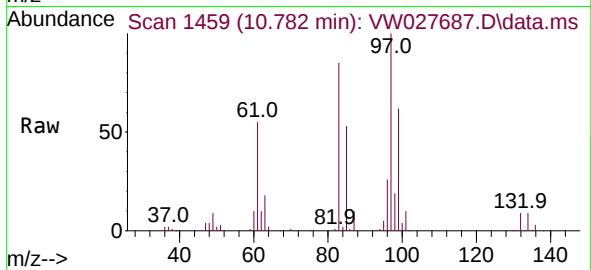
Tgt Ion: 75 Resp: 197849
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.1





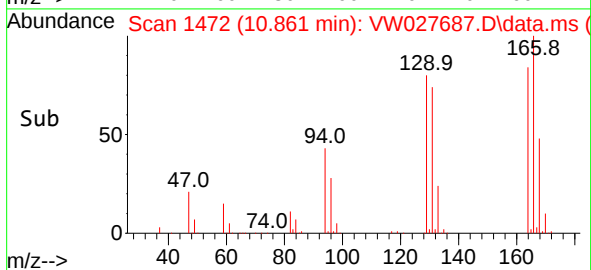
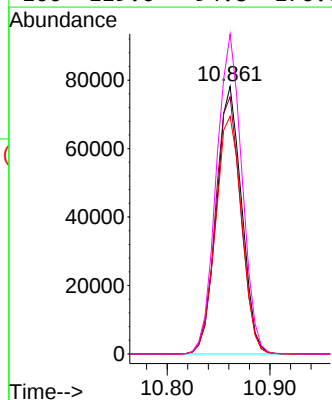
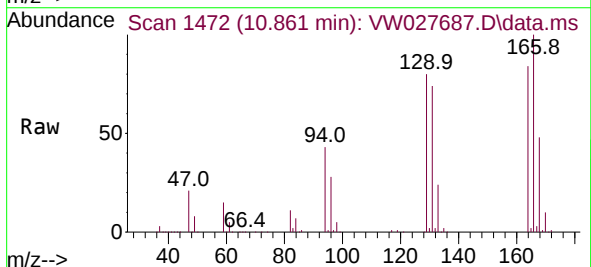
#45
1,1,2-Trichloroethane
Concen: 20.640 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

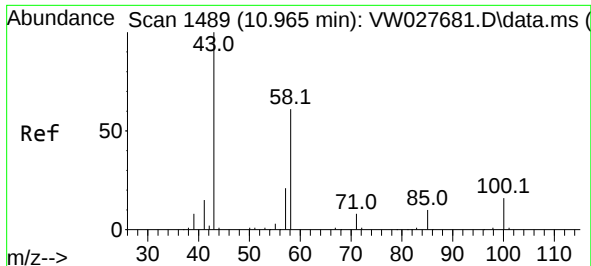
Tgt Ion: 97	Resp: 118416
Ion Ratio	Lower Upper
97 100	
99 62.2	43.4 80.6
83 85.5	59.0 109.6
85 53.0	36.3 67.5



#46
Tetrachloroethene
Concen: 18.926 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

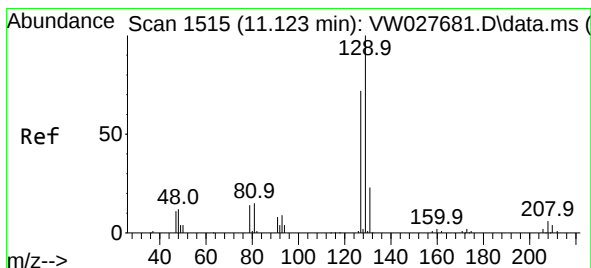
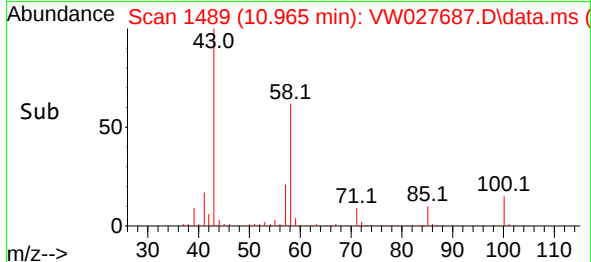
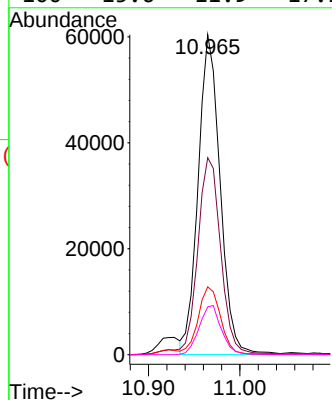
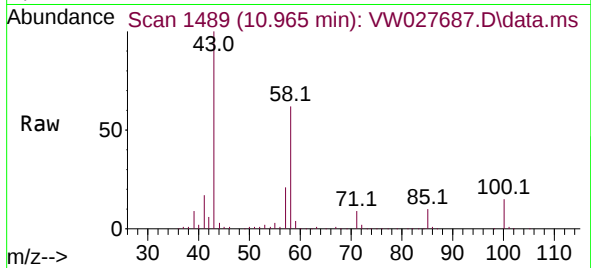
Tgt	Ion:164	Resp:	132241
Ion	Ratio	Lower	Upper
164	100		
129	96.1	70.5	130.9
131	88.8	64.8	120.3
166	119.6	94.8	176.0





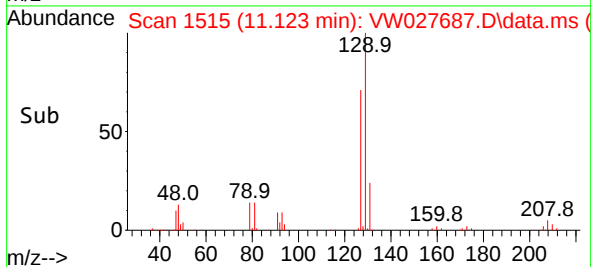
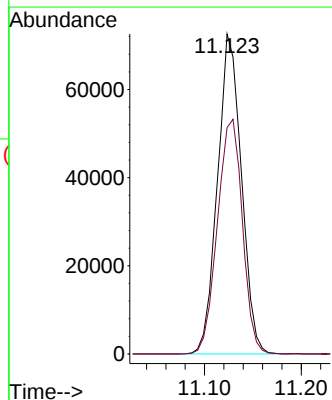
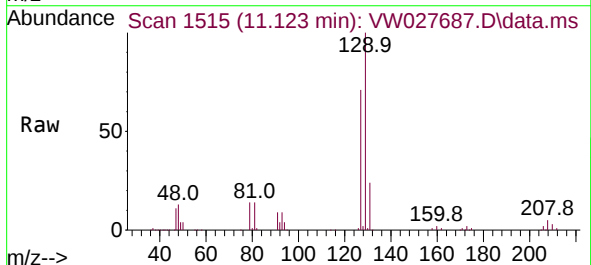
#48
2-Hexanone
Concen: 40.065 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

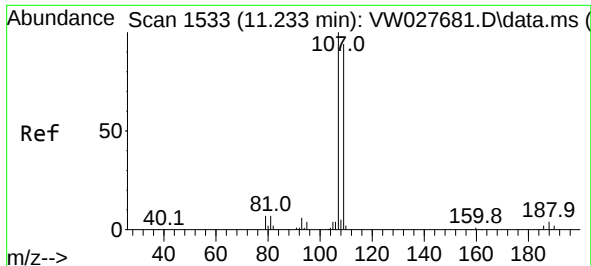
Tgt Ion:	43	Resp:	101002
Ion	Ratio	Lower	Upper
43	100		
58	64.1	50.4	75.6
57	21.8	17.0	25.6
100	15.6	11.9	17.9



#49
Dibromochloromethane
Concen: 20.759 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

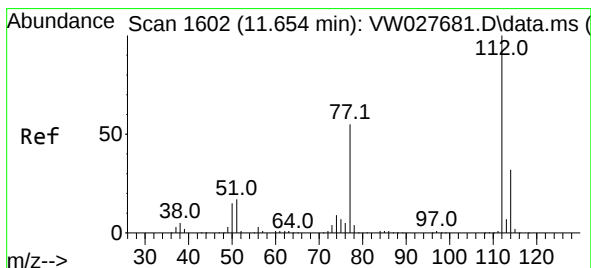
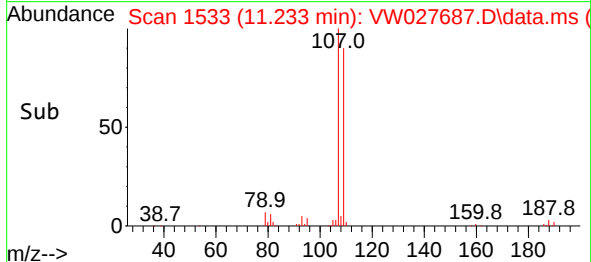
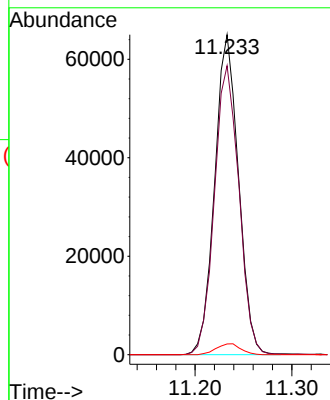
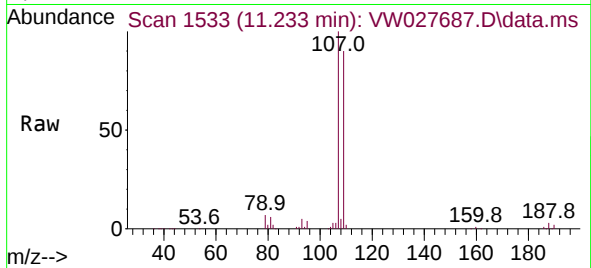
Tgt Ion:	129	Resp:	124566
Ion	Ratio	Lower	Upper
129	100		
127	70.7	55.4	102.8





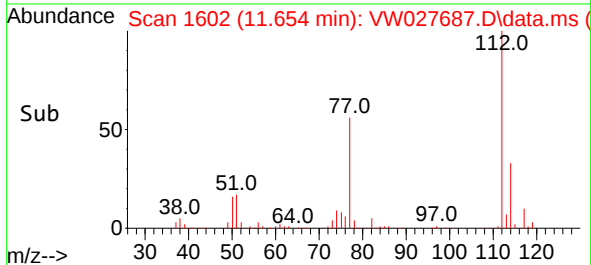
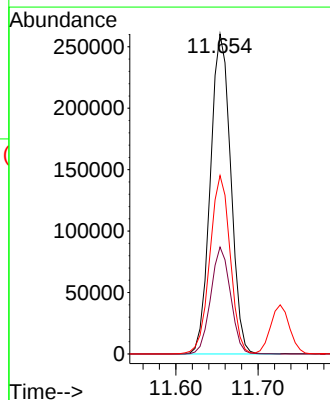
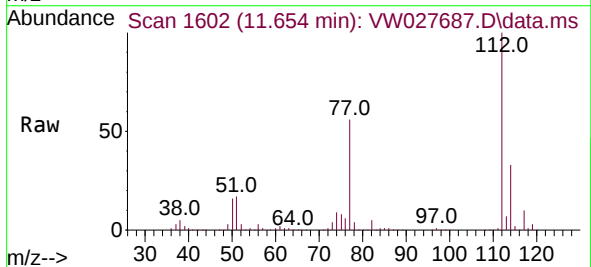
#50
1,2-Dibromoethane
Concen: 20.401 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

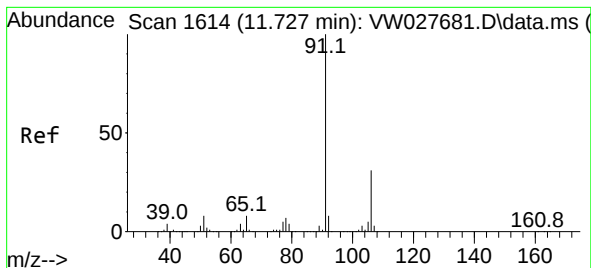
Tgt Ion:107 Resp: 111230
Ion Ratio Lower Upper
107 100
109 90.3 72.1 133.9
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 20.309 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

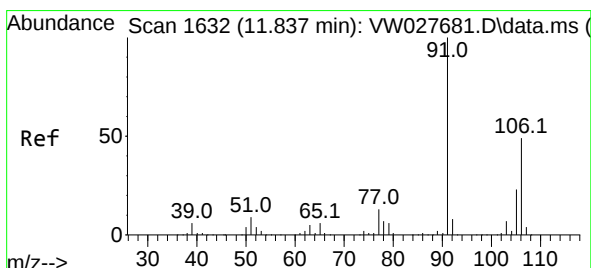
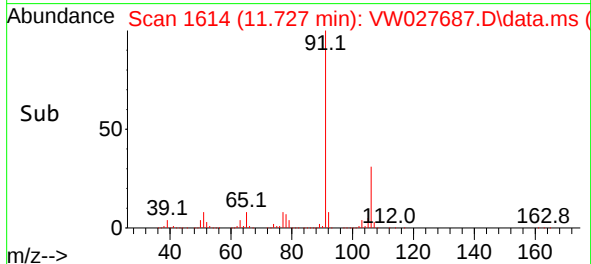
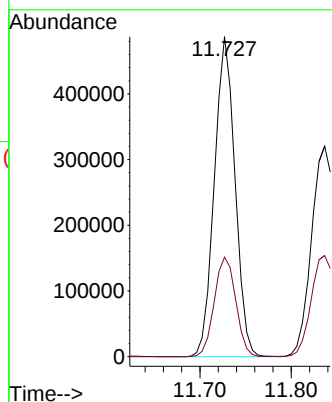
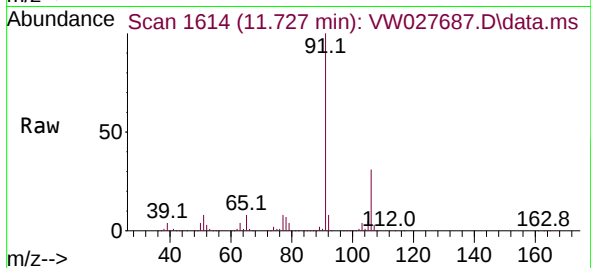
Tgt Ion:112 Resp: 448172
Ion Ratio Lower Upper
112 100
114 33.4 25.0 46.4
77 55.8 48.1 72.1





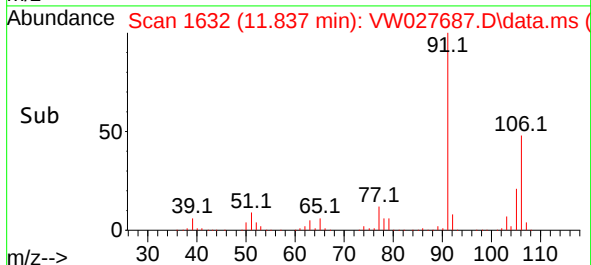
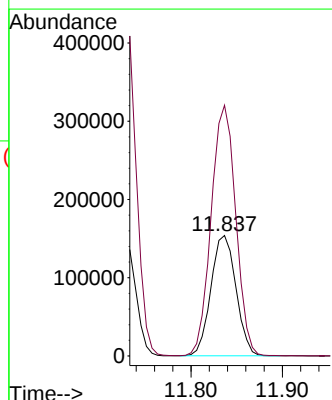
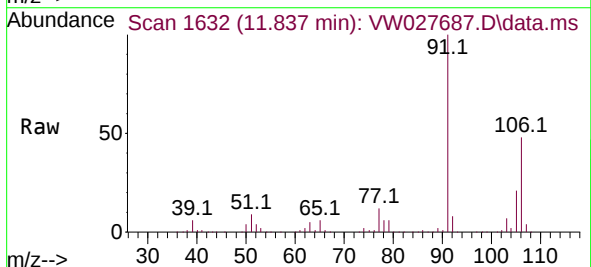
#52
Ethylbenzene
Concen: 19.648 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

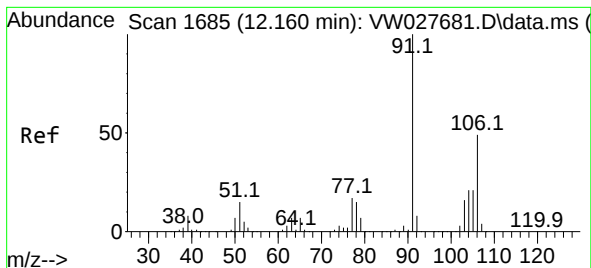
Tgt Ion: 91 Resp: 764762
Ion Ratio Lower Upper
91 100
106 31.1 23.7 44.1



#53
m,p-Xylene
Concen: 19.604 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

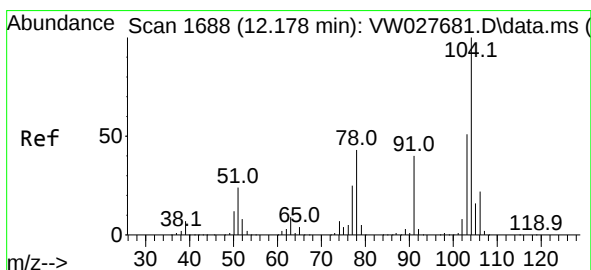
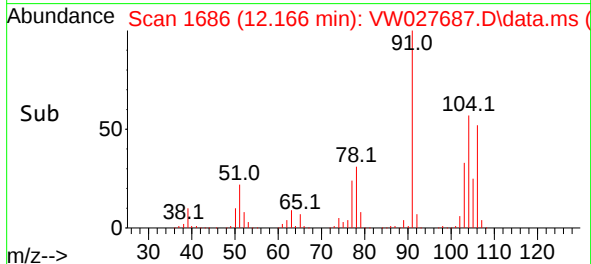
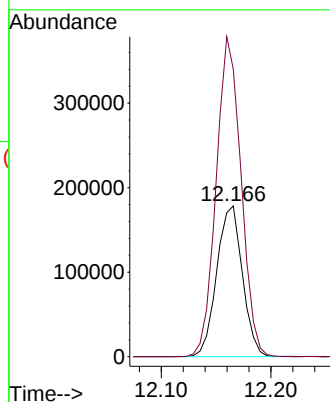
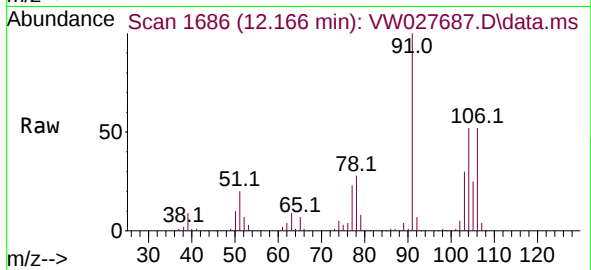
Tgt Ion:106 Resp: 293091
Ion Ratio Lower Upper
106 100
91 208.1 135.7 251.9





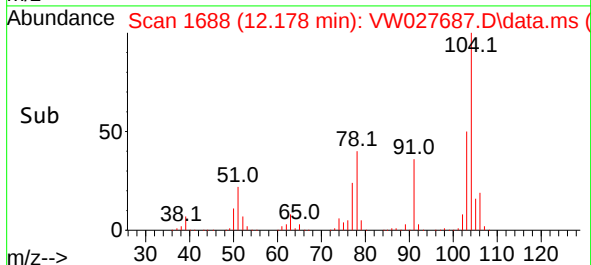
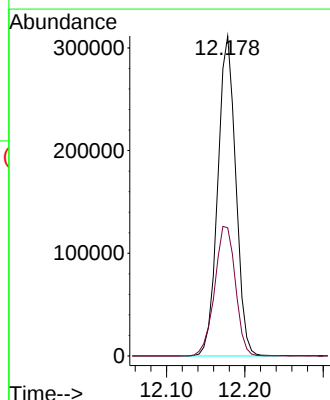
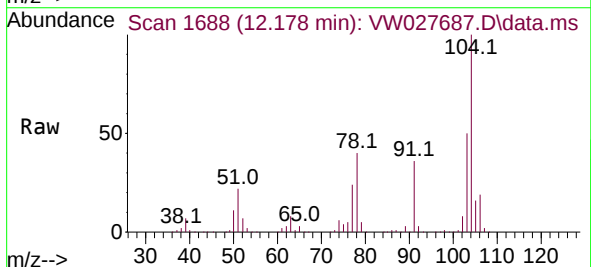
#54
o-Xylene
Concen: 20.833 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

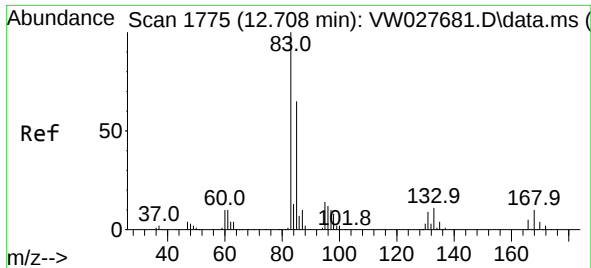
Tgt Ion:106 Resp: 290019
Ion Ratio Lower Upper
106 100
91 190.6 149.9 278.3



#55
Styrene
Concen: 21.219 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

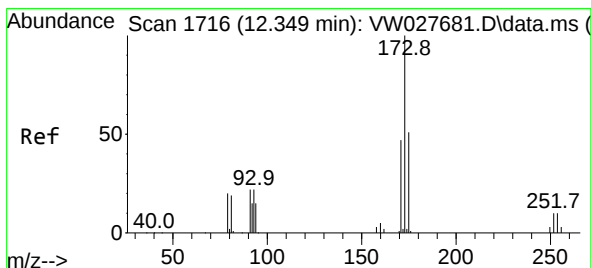
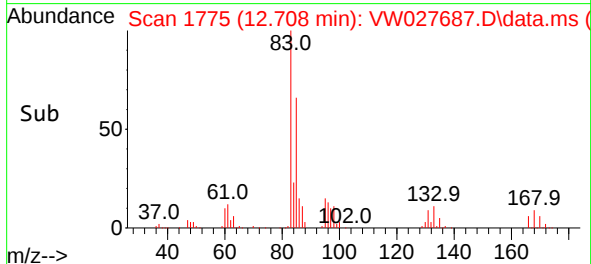
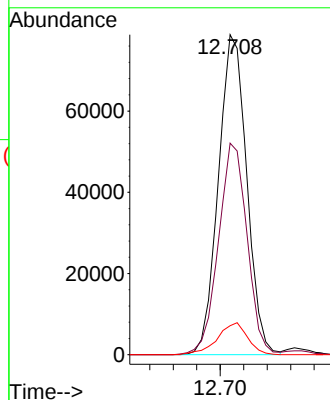
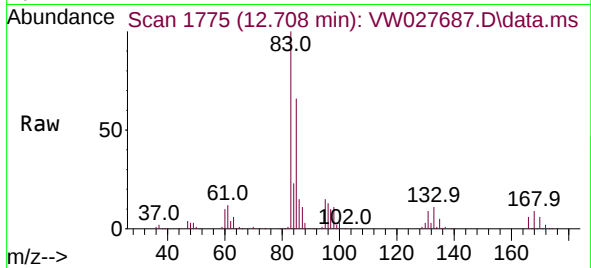
Tgt Ion:104 Resp: 497960
Ion Ratio Lower Upper
104 100
78 40.0 29.6 55.0





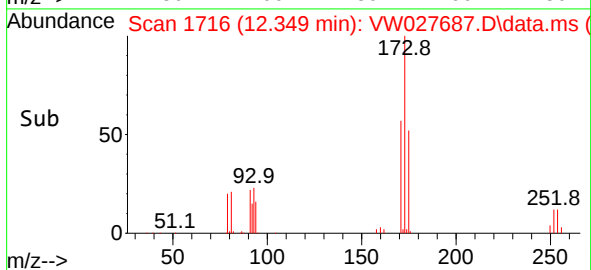
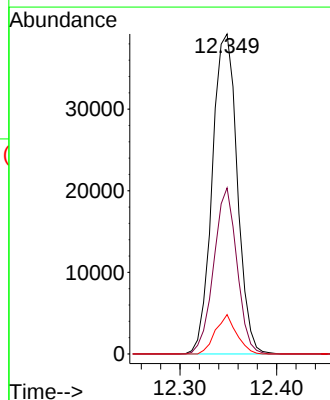
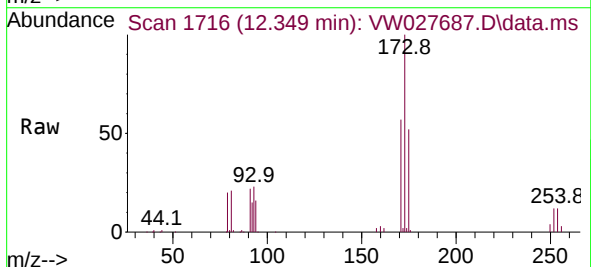
#57
1,1,2,2-Tetrachloroethane
Concen: 20.193 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

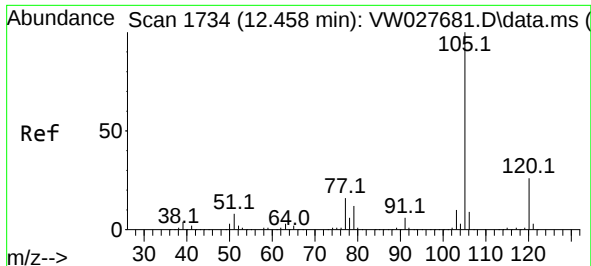
Tgt Ion: 83 Resp: 132059
Ion Ratio Lower Upper
83 100
85 66.1 45.8 85.2
131 9.0 7.0 10.6



#59
Bromoform
Concen: 20.401 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

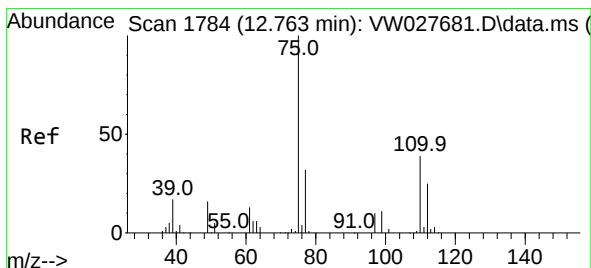
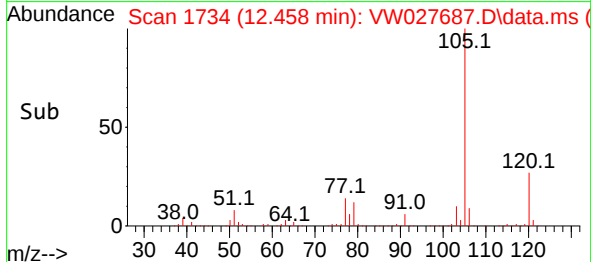
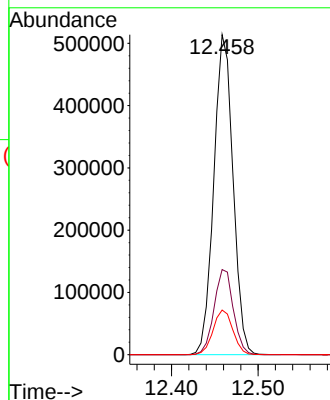
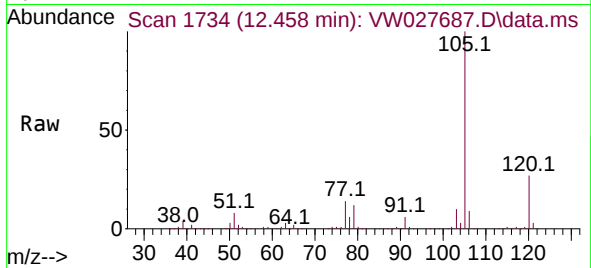
Tgt Ion:173 Resp: 70383
Ion Ratio Lower Upper
173 100
175 48.0 36.3 54.5
254 10.4 7.5 11.3





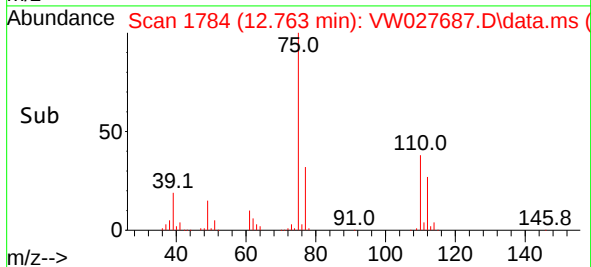
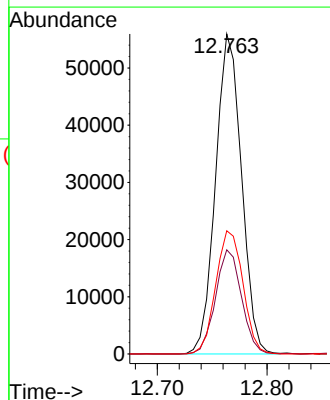
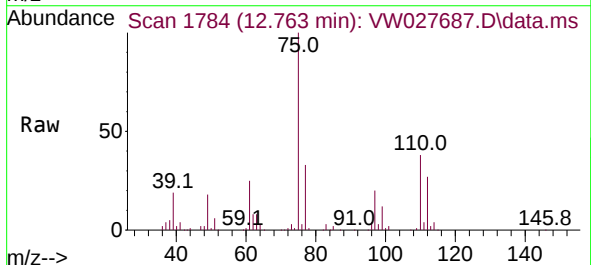
#60
Isopropylbenzene
Concen: 19.924 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

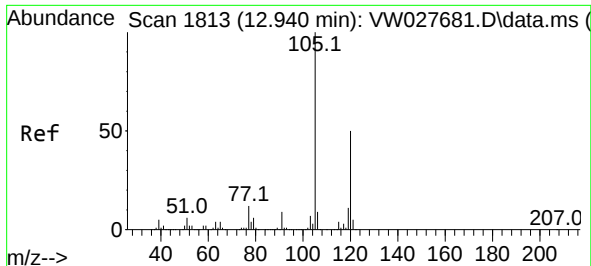
Tgt Ion:105 Resp: 792553
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 14.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 19.588 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

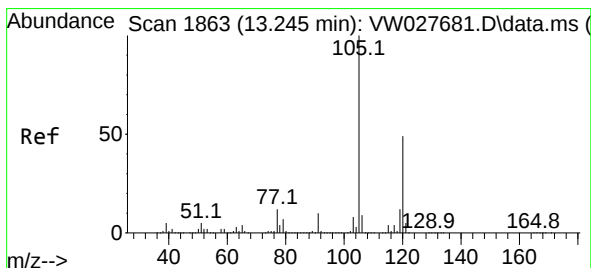
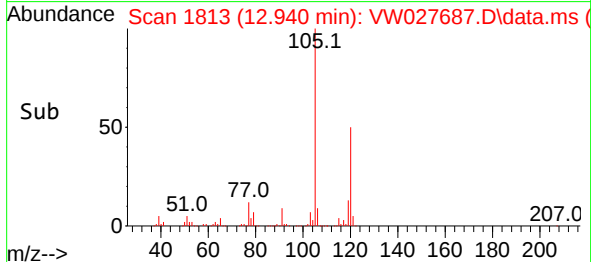
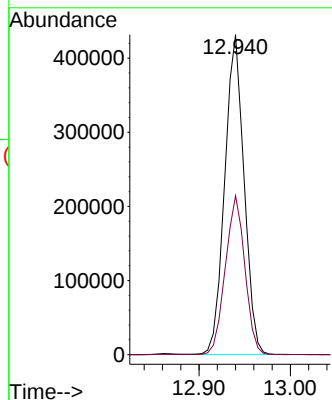
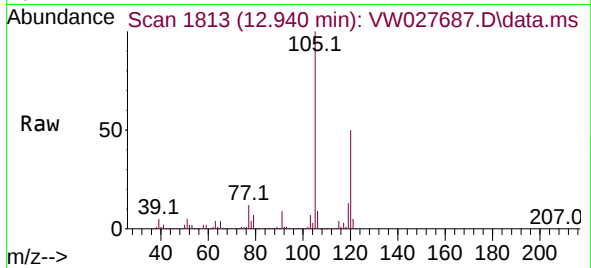
Tgt Ion: 75 Resp: 92013
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
110 40.2 32.2 48.2





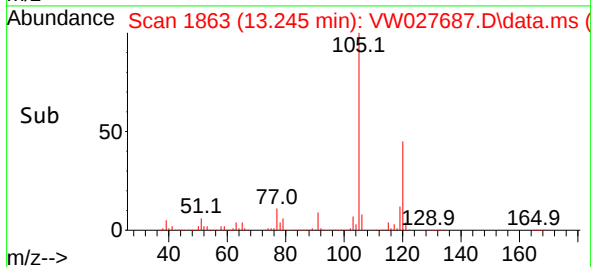
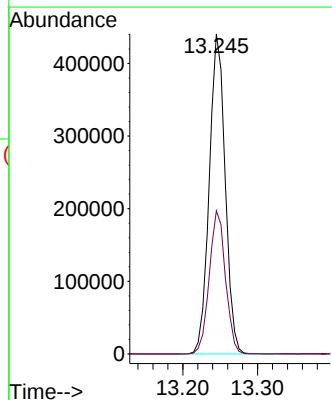
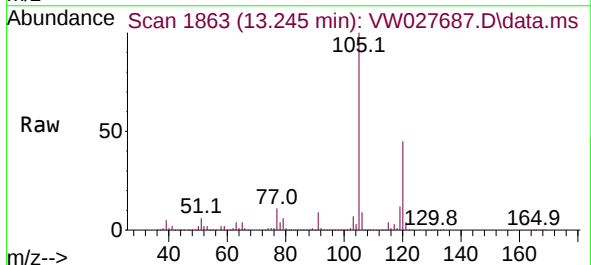
#62
1,3,5-Trimethylbenzene
Concen: 19.954 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

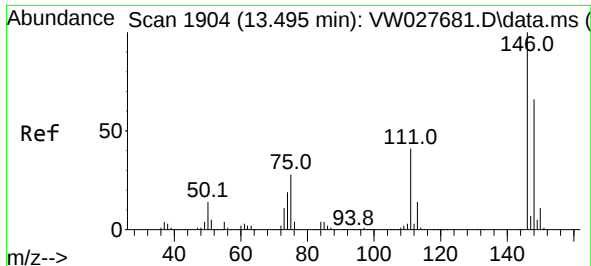
Tgt Ion:105 Resp: 634496
Ion Ratio Lower Upper
105 100
120 50.1 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 20.799 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

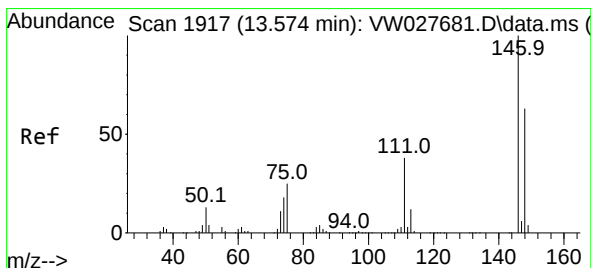
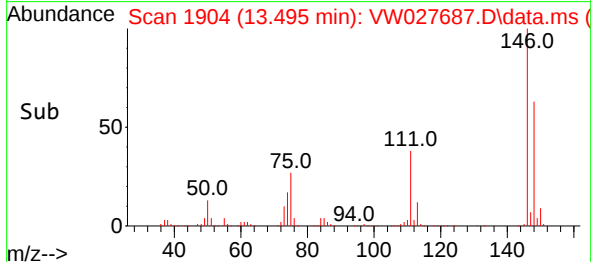
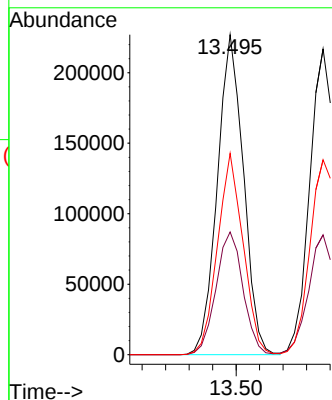
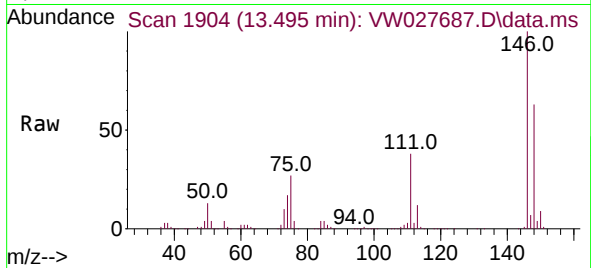
Tgt Ion:105 Resp: 651043
Ion Ratio Lower Upper
105 100
120 45.5 36.4 54.6





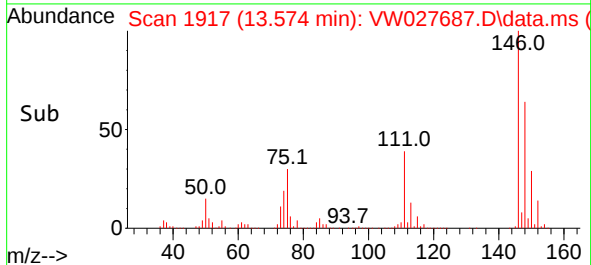
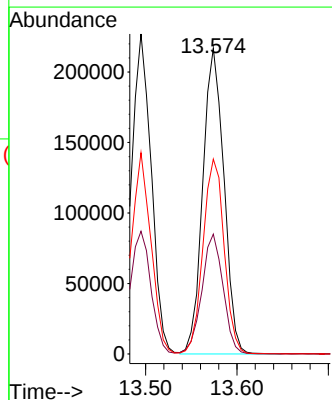
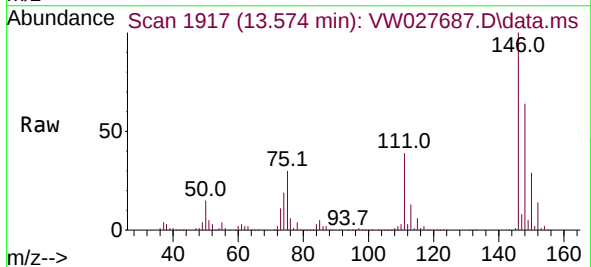
#64
1,3-Dichlorobenzene
Concen: 20.409 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

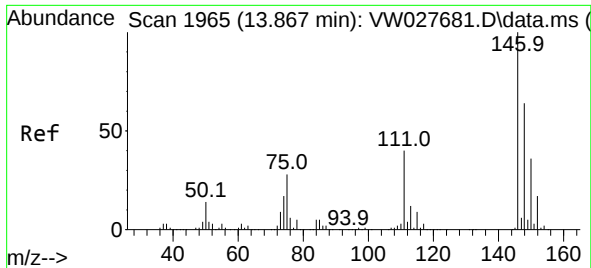
Tgt Ion:146 Resp: 350809
Ion Ratio Lower Upper
146 100
111 38.3 31.1 57.7
148 62.9 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 20.150 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

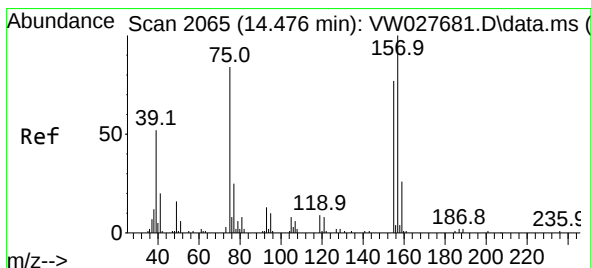
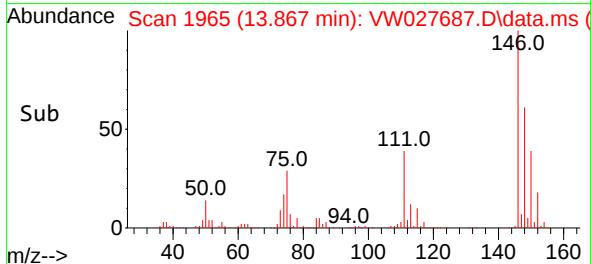
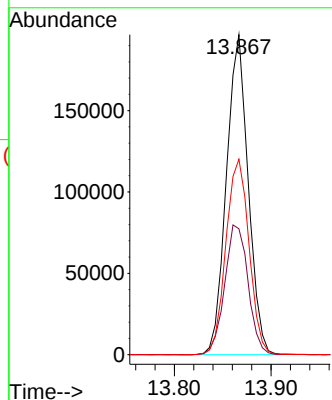
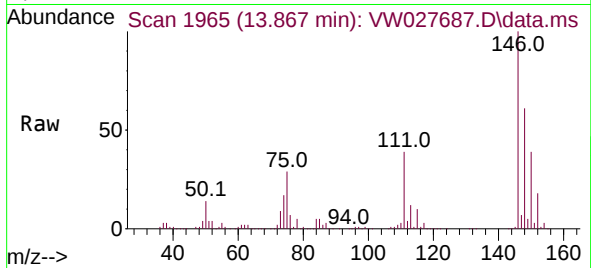
Tgt Ion:146 Resp: 347906
Ion Ratio Lower Upper
146 100
111 39.2 26.2 48.6
148 63.8 46.3 85.9





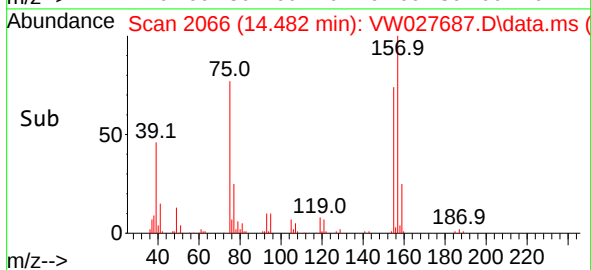
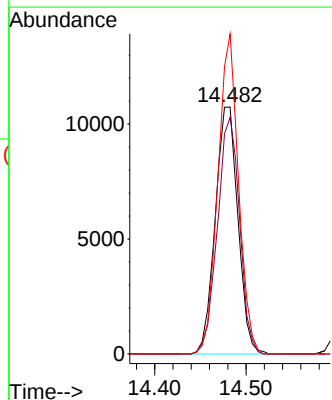
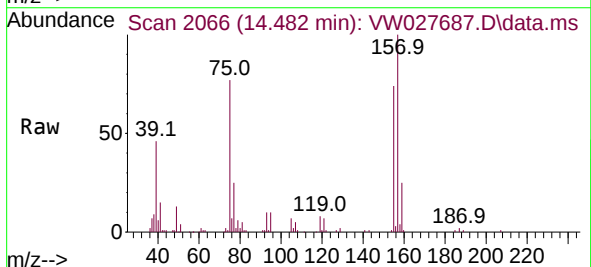
#67
1,2-Dichlorobenzene
Concen: 20.604 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

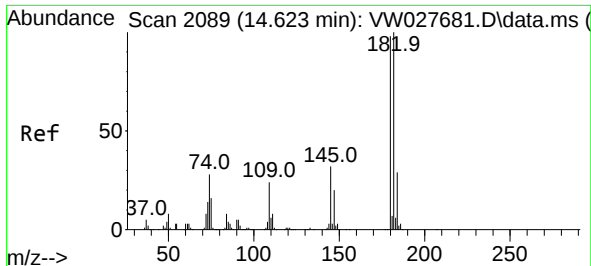
Tgt Ion:146 Resp: 307972
Ion Ratio Lower Upper
146 100
111 39.4 32.1 48.1
148 61.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 19.728 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

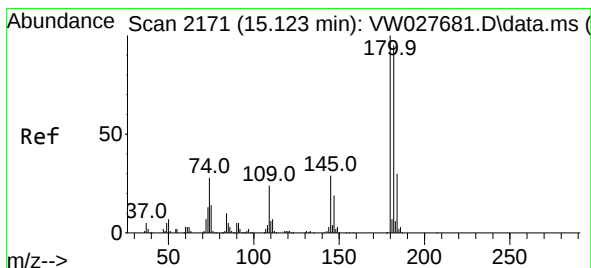
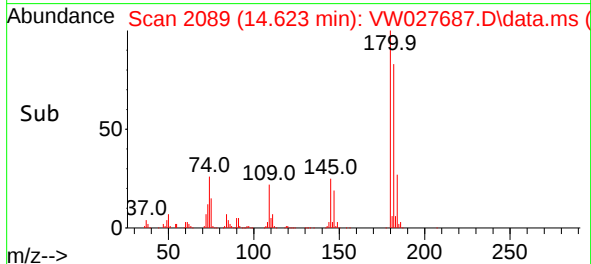
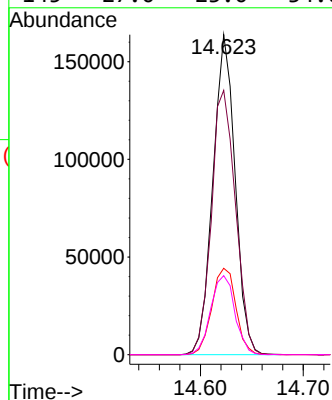
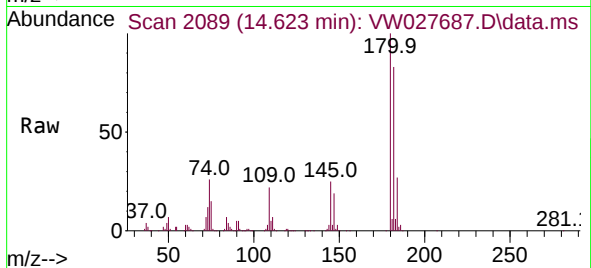
Tgt Ion: 75 Resp: 18513
Ion Ratio Lower Upper
75 100
155 95.8 59.8 89.6#
157 129.6 87.5 131.3





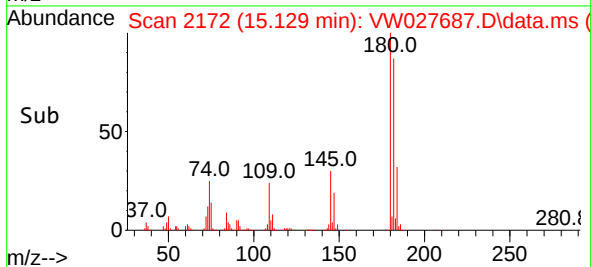
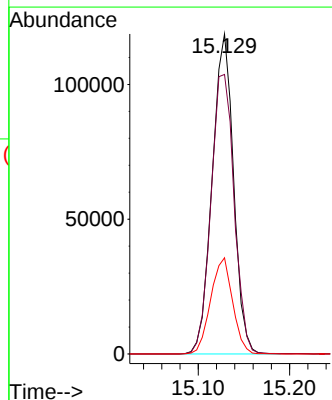
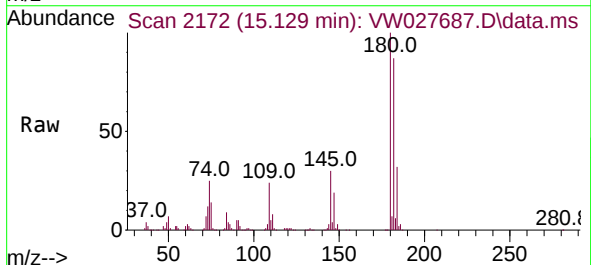
#69
1,3,5-Trichlorobenzene
Concen: 20.511 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

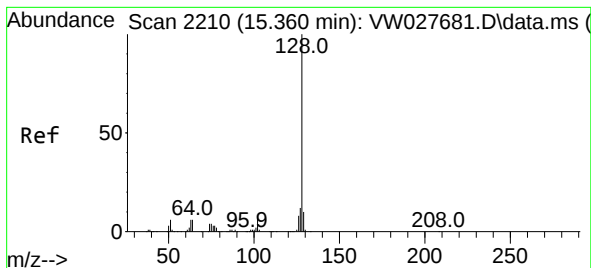
Tgt Ion:	180	Resp:	245312
Ion Ratio	Lower	Upper	
180	100		
182	89.9	72.6	109.0
184	29.3	23.0	34.6
145	27.0	23.0	34.6



#70
1,2,4-trichlorobenzene
Concen: 19.621 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

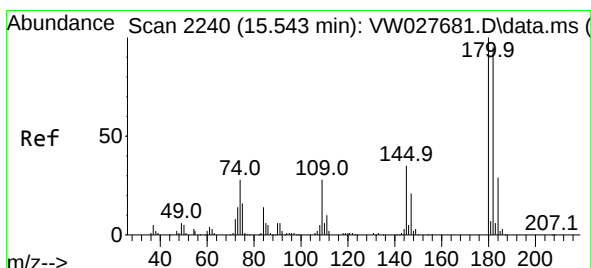
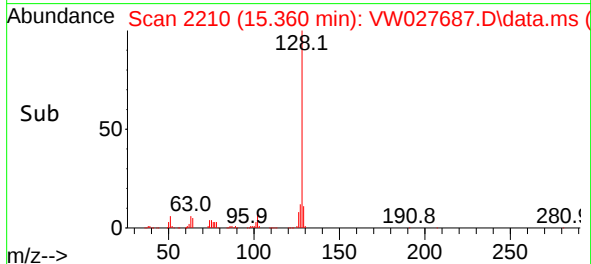
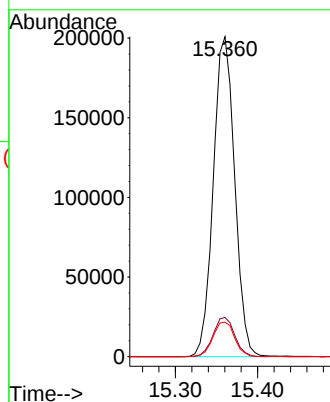
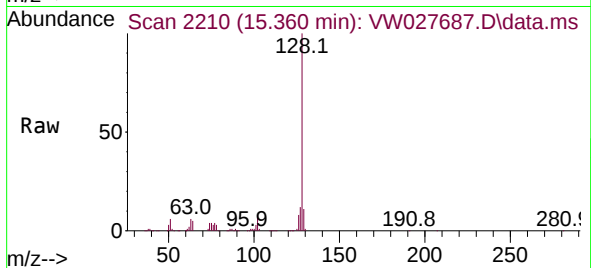
Tgt Ion:	180	Resp:	192718
Ion Ratio	Lower	Upper	
180	100		
182	94.8	69.7	104.5
145	30.9	24.1	36.1





#71
Naphthalene
Concen: 20.893 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion:128 Resp: 363643
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 19.998 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW027687.D
Acq: 16 Dec 2023 13:25

Tgt Ion:180 Resp: 164227
Ion Ratio Lower Upper
180 100
182 102.3 75.5 113.3
145 32.1 25.0 37.6

