

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027636.D
 Acq On : 15 Dec 2023 15:10
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 23:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:32:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	340716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	295986	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146821	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	25015	5.170	ug/L	0.00
7) Chloroethane-d5	2.899	69	19496	5.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10011	5.136	ug/L	0.00
21) 2-Butanone-d5	7.093	46	3365	4.013	ug/L	0.00
24) Chloroform-d	7.648	84	40494	4.959	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	19248	5.034	ug/L	0.00
32) Benzene-d6	8.276	84	88326	5.090	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	24710	5.012	ug/L	0.00
41) Toluene-d8	10.324	98	79572	4.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	8938	4.668	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	6724	9.341	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	18107	4.864	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25486	4.918	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	16396	4.297	ug/L	98
3) Chloromethane	2.222	50	23337	4.962	ug/L	91
5) Vinyl chloride	2.375	62	28508	5.096	ug/L	95
6) Bromomethane	2.795	94	17976	5.030	ug/L	94
8) Chloroethane	2.942	64	17176	5.156	ug/L	98
9) Trichlorofluoromethane	3.271	101	25362	4.904	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	21691	5.113	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	21224	5.014	ug/L	96
13) Acetone	4.161	43	7641	9.978	ug/L	95
14) Carbon disulfide	4.393	76	71331	5.009	ug/L	97
15) Methyl Acetate	4.691	43	6966	5.048	ug/L	100
16) Methylene chloride	4.917	84	31406	5.707	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	22162	4.929	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	29918	5.055	ug/L	99
19) 1,1-Dichloroethane	6.221	63	38984	5.114	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	23687	5.034	ug/L	97
22) 2-Butanone	7.191	43	8693	8.781	ug/L	97
23) Bromochloromethane	7.520	128	10041	5.040	ug/L	95
25) Chloroform	7.679	83	38701	5.150	ug/L	97
27) 1,2-Dichloroethane	8.404	62	22296	5.060	ug/L	96
29) Cyclohexane	7.953	56	35629	5.014	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	32119	5.116	ug/L	98
31) Carbon tetrachloride	8.069	117	27919	5.085	ug/L	97
33) Benzene	8.325	78	90871	5.217	ug/L	100
34) Trichloroethene	9.093	95	24901	5.281	ug/L	97
35) Methylcyclohexane	9.331	83	43332	5.075	ug/L	98
37) 1,2-Dichloropropane	9.367	63	21755	5.205	ug/L #	96
38) Bromodichloromethane	9.642	83	25864	5.109	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	31086	4.862	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	17643	9.681	ug/L	100
42) Toluene	10.385	91	98030	5.239	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	23950	4.738	ug/L	99

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Quant Time: Dec 15 23:33:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:32:18 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	16117	5.200	ug/L	95
46) Tetrachloroethene	10.861	164	19186	5.070	ug/L	95
48) 2-Hexanone	10.971	43	12715	9.480	ug/L	97
49) Dibromochloromethane	11.129	129	16126	5.007	ug/L	95
50) 1,2-Dibromoethane	11.233	107	15062	5.101	ug/L	93
51) Chlorobenzene	11.660	112	61985	5.179	ug/L	89
52) Ethylbenzene	11.727	91	108186	5.122	ug/L	92
53) m,p-Xylene	11.836	106	40318	4.957	ug/L	90
54) o-Xylene	12.159	106	37905	5.030	ug/L	92
55) Styrene	12.178	104	62820	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	17949	5.075	ug/L	99
59) Bromoform	12.348	173	8678	4.799	ug/L #	95
60) Isopropylbenzene	12.458	105	104371	4.971	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12485	5.067	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	80741	4.849	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	80087	4.879	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	45960	5.121	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	46248	5.101	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	40544	5.115	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	2456	5.023	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.622	180	32274	5.121	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	25457	5.015	ug/L	95
71) Naphthalene	15.360	128	41823	4.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	21669	5.026	ug/L	98

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

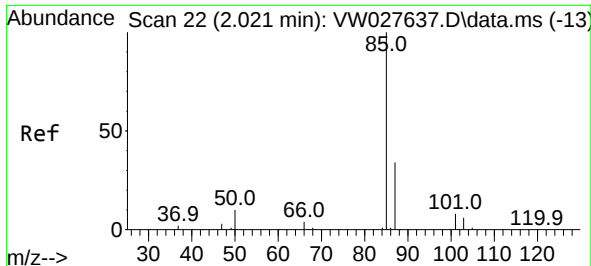
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Abundance

Time-->

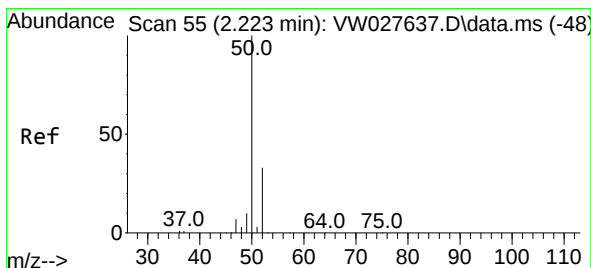
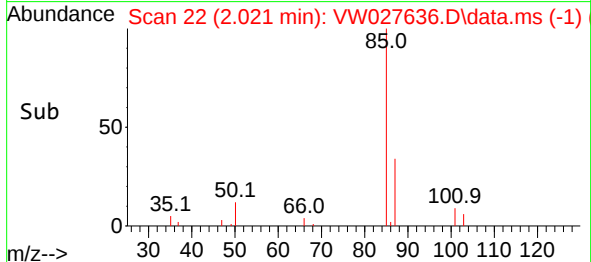
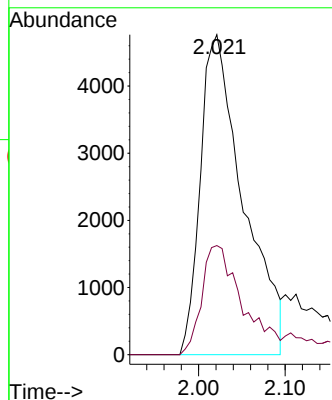
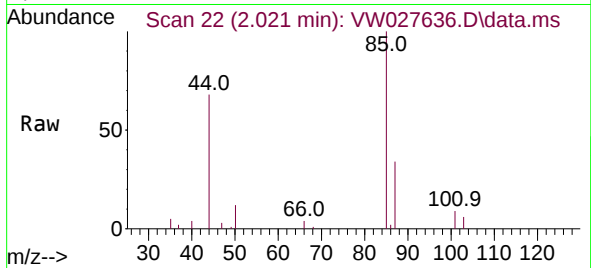
Compounds identified in the chromatogram:

- Dichlorodifluoromethane, T
- Chloroethane, T
- Vinyl chloride, d3, S
- Bromomethane, T
- Chlorobenzene, d5, S
- Trichlorofluoromethane, T
- Acetone, T
- Carbon disulfide, T
- Methyl acetate, T
- Methylene chloride, T
- Mesitylene, T
- 1,1-Dichloroethane, T
- 2-Butanone, d5, S
- 1,1,2,2-Tetrachloroethane, T
- Bromochloromethane, T
- 1,1,1-Trichloroethane, T
- Carbon tetrachloride, T
- 1,2-Dichloroethane, T
- 1,4-Difluorobenzene, I
- Trichloroethylene, T
- 1,2-Dichloropropane, d5, S
- Hexane, T
- Bromodichloromethane, T
- Cis-1,3-Dichloropropene, T
- 4-Methyl-2-pentanone, I
- Toluene, d8, S
- trans-1,2-Dichlorocyclohexane, T
- 1,1,2-Trichloroethane, T
- 1,2-Dibromochloromethane, T
- 1,2-Dibromoethane, I
- Chlorobenzene-d5, I
- m,p-Xylene, I
- o-Xylene, T
- Bromoform, T
- Isopropylbenzene, T
- 1,2,3-Trichloropropane, d2, S
- 1,3,5-Trimethylbenzene, T
- 1,2,4-Trimethylbenzene, T
- 1,3-Dichlorobenzene, I
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- 1,3,5-Trichlorobenzene, T
- 1,2-Dibromo-3-chloropropane, T
- 1,2,4-trichlorobenzene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T



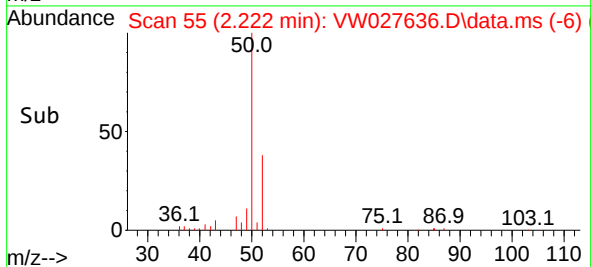
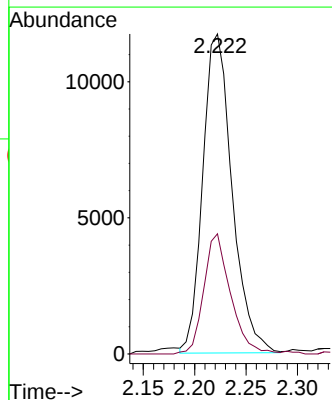
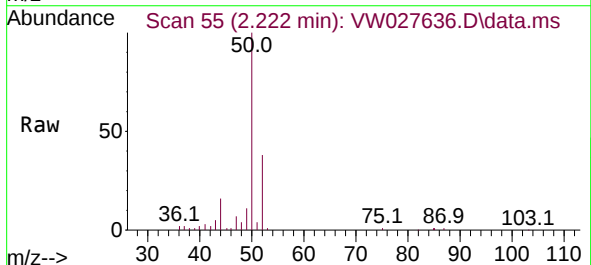
#2
 Dichlorodifluoromethane
 Concen: 4.297 ug/L
 RT: 2.021 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VW027636.D
 Acq: 15 Dec 2023 15:10

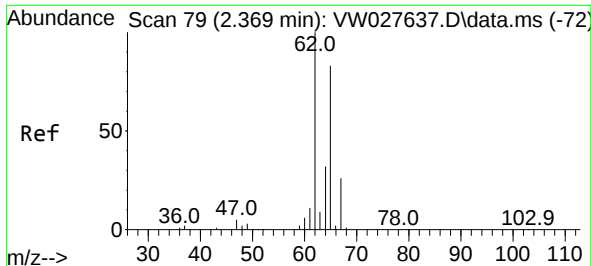
Tgt Ion: 85 Resp: 16396
 Ion Ratio Lower Upper
 85 100
 87 30.3 23.2 34.8



#3
 Chloromethane
 Concen: 4.962 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW027636.D
 Acq: 15 Dec 2023 15:10

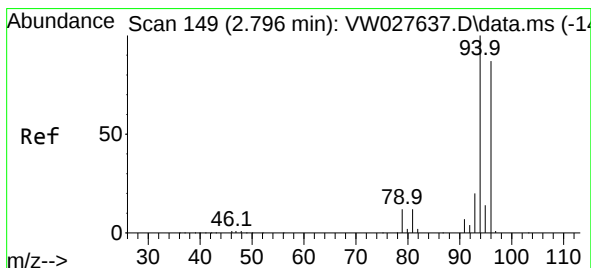
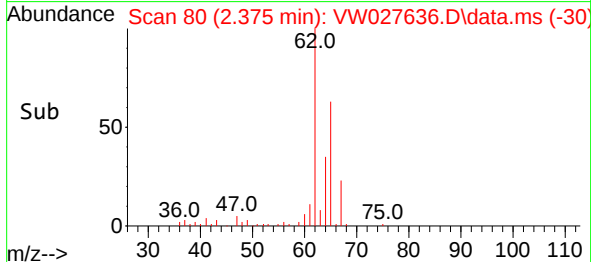
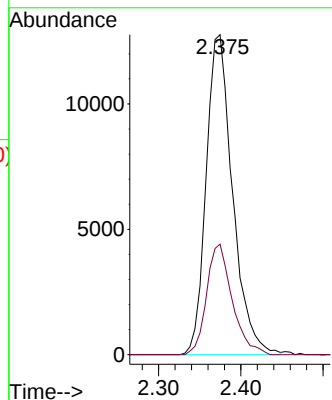
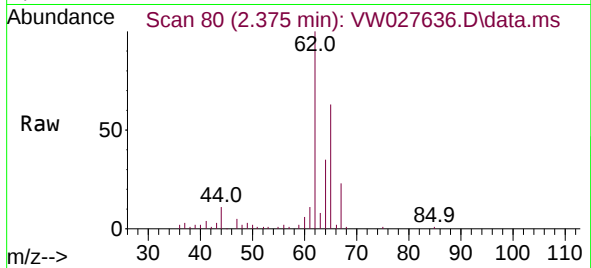
Tgt Ion: 50 Resp: 23337
 Ion Ratio Lower Upper
 50 100
 52 37.5 22.8 42.4





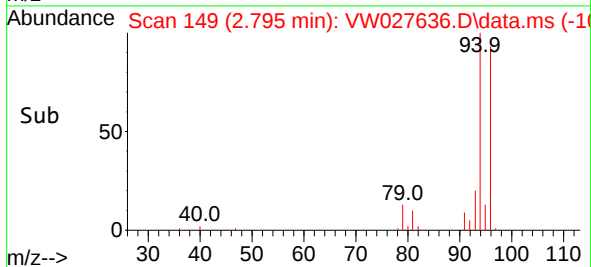
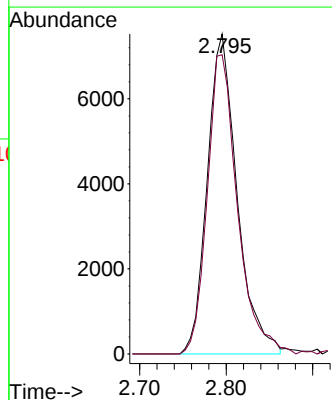
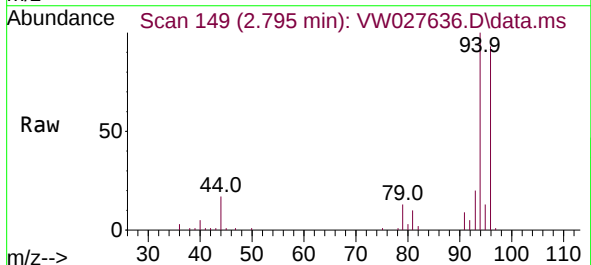
#5
 Vinyl chloride
 Concen: 5.096 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027636.D
 Acq: 15 Dec 2023 15:10

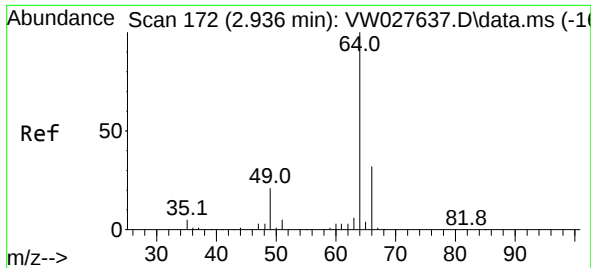
Tgt Ion: 62 Resp: 28508
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.2 41.2



#6
 Bromomethane
 Concen: 5.030 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027636.D
 Acq: 15 Dec 2023 15:10

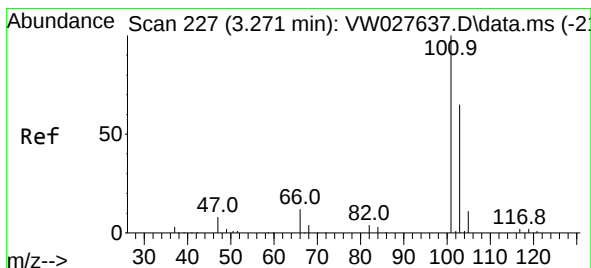
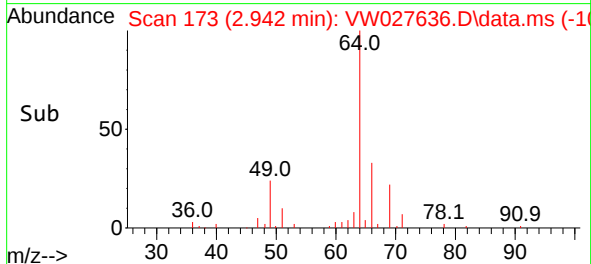
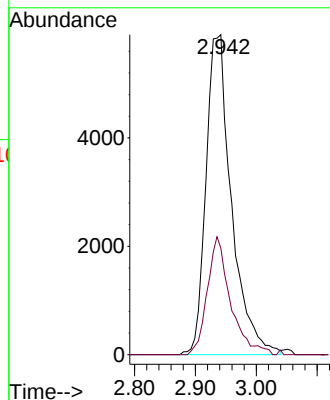
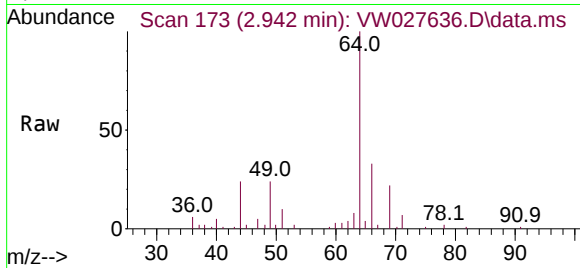
Tgt Ion: 94 Resp: 17976
 Ion Ratio Lower Upper
 94 100
 96 93.5 61.2 113.8





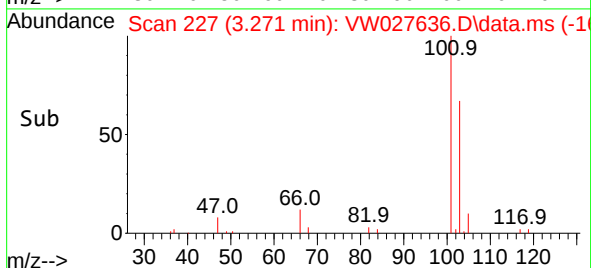
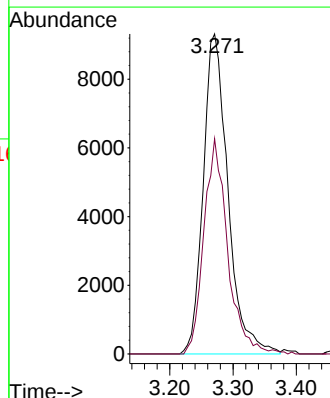
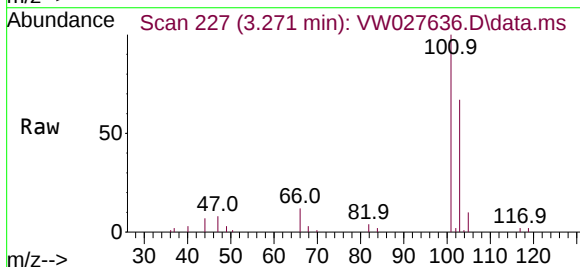
#8
Chloroethane
Concen: 5.156 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

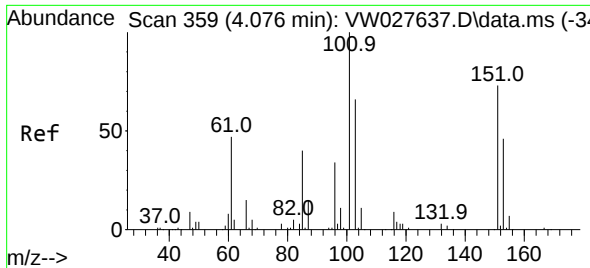
Tgt Ion: 64 Resp: 17176
Ion Ratio Lower Upper
64 100
66 33.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.904 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

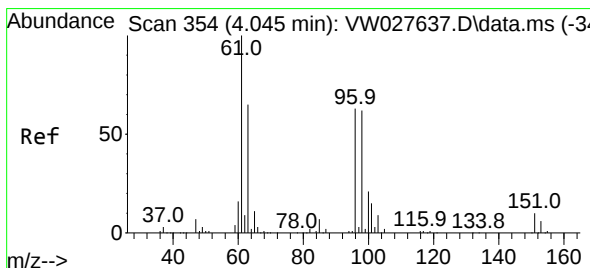
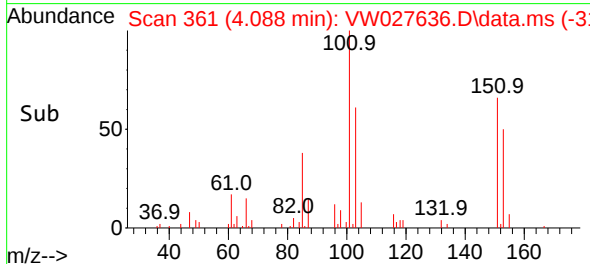
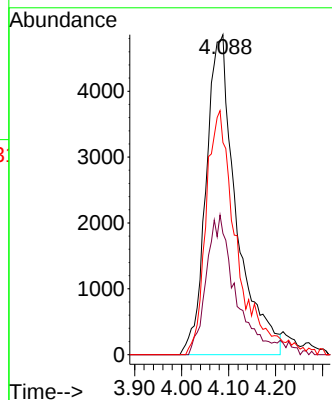
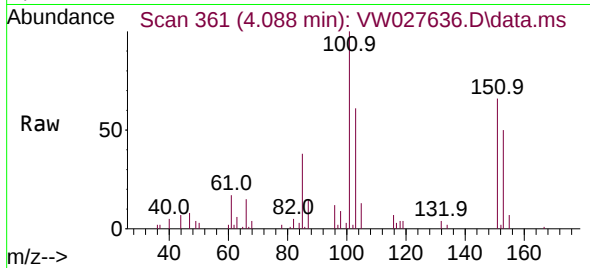
Tgt Ion: 101 Resp: 25362
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7





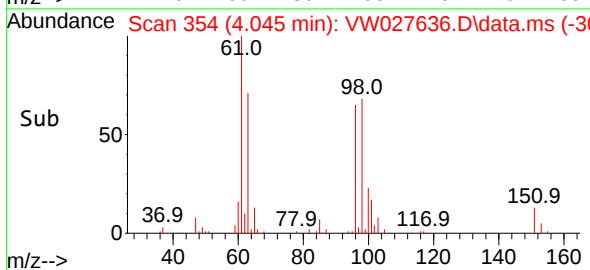
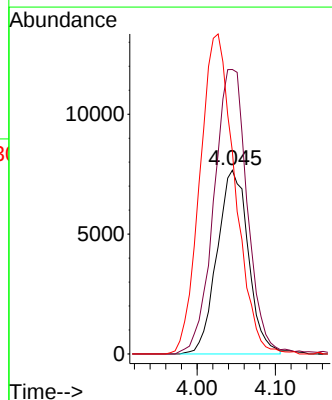
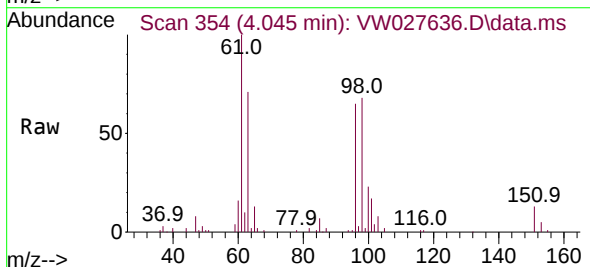
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.113 ug/L
 RT: 4.088 min Scan# 361
 Delta R.T. 0.012 min
 Lab File: VW027636.D
 Acq: 15 Dec 2023 15:10

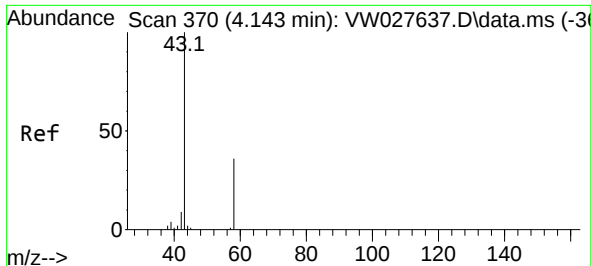
Tgt Ion: 101 Resp: 21691
 Ion Ratio Lower Upper
 101 100
 85 17.1 33.0 49.4#
 151 69.0 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 5.014 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027636.D
 Acq: 15 Dec 2023 15:10

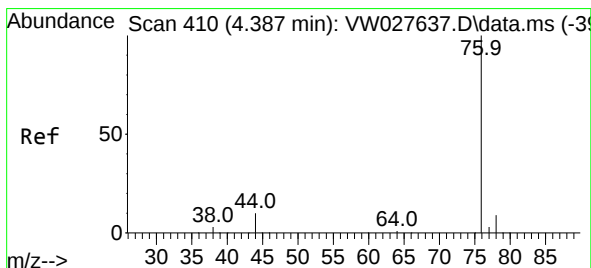
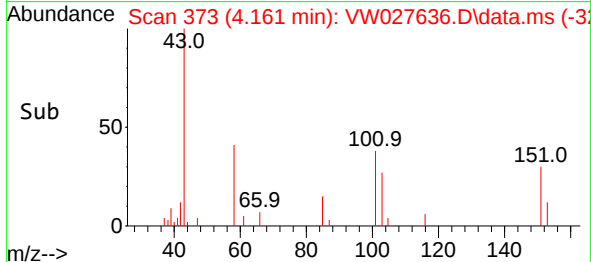
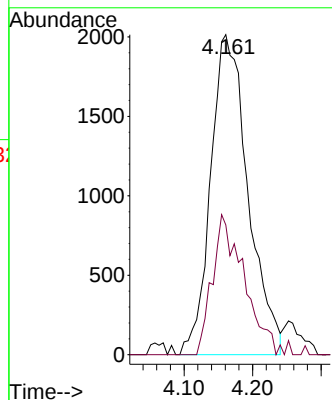
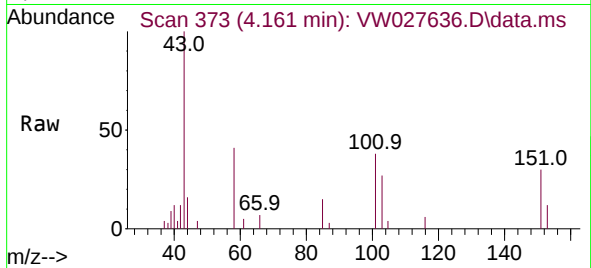
Tgt Ion: 96 Resp: 21224
 Ion Ratio Lower Upper
 96 100
 61 154.9 110.9 206.1
 63 110.3 73.6 136.6





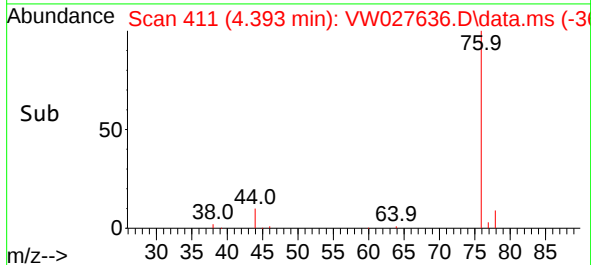
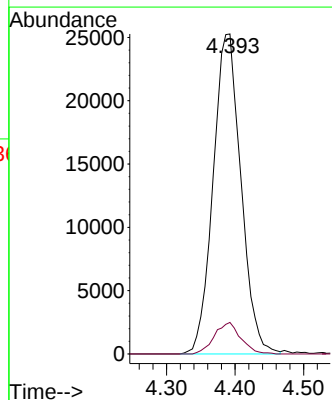
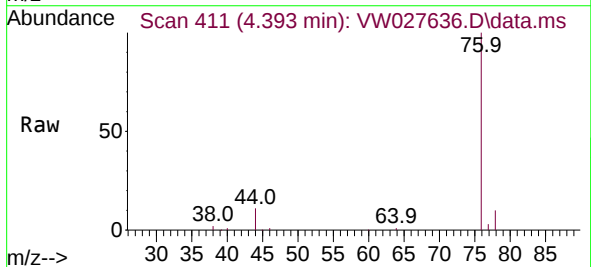
#13
Acetone
Concen: 9.978 ug/L
RT: 4.161 min Scan# 373
Delta R.T. 0.018 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

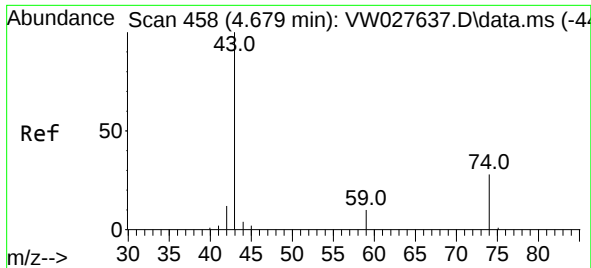
Tgt Ion: 43 Resp: 7641
Ion Ratio Lower Upper
43 100
58 37.0 0.0 68.6



#14
Carbon disulfide
Concen: 5.009 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027636.D
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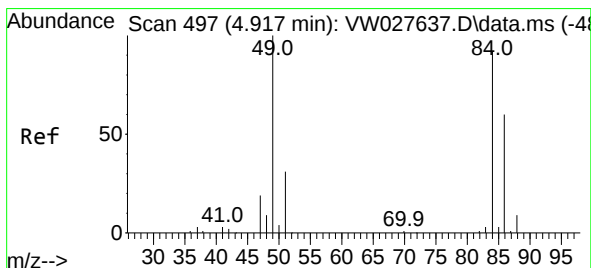
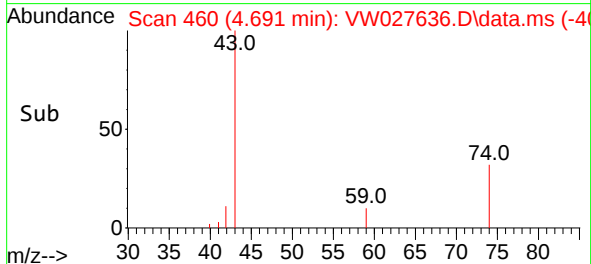
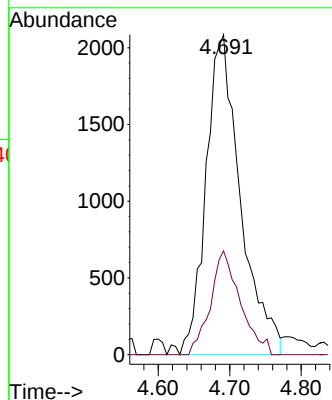
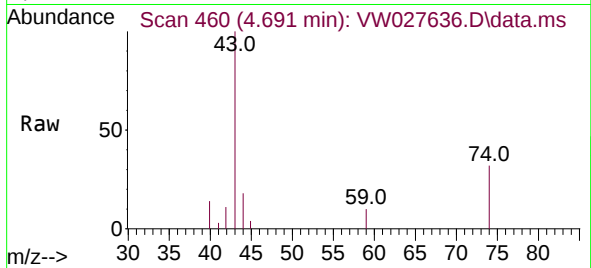
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Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6





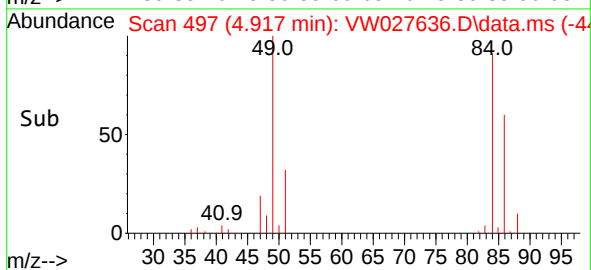
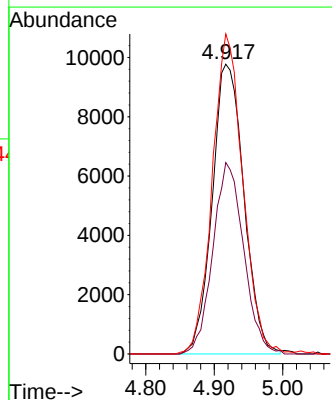
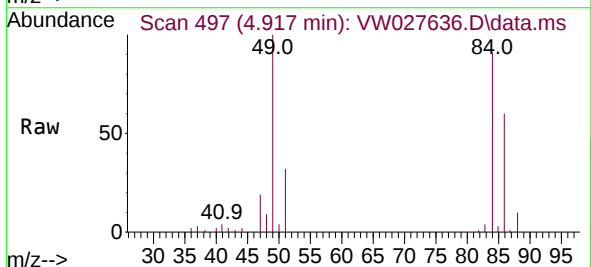
#15
Methyl Acetate
Concen: 5.048 ug/L
RT: 4.691 min Scan# 460
Delta R.T. 0.012 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

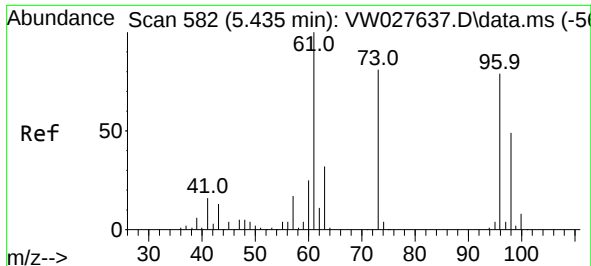
Tgt Ion: 43 Resp: 6966
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1



#16
Methylene chloride
Concen: 5.707 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

Tgt Ion: 84 Resp: 31406
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.2
49 110.4 76.2 141.6





#17

trans-1,2-Dichloroethene

Concen: 4.929 ug/L

RT: 5.435 min Scan# 582

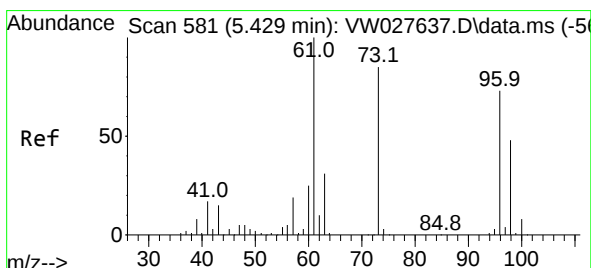
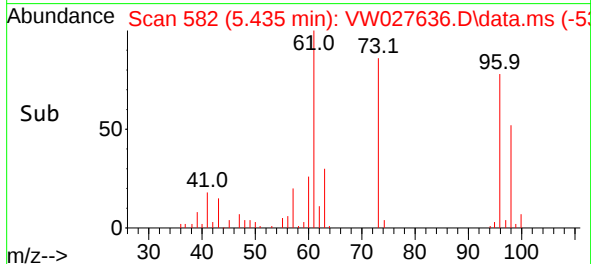
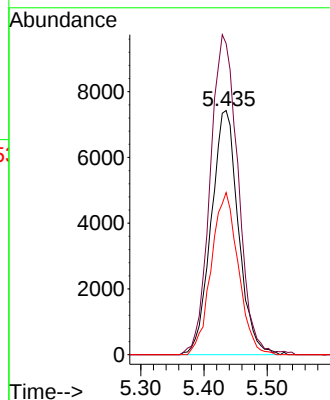
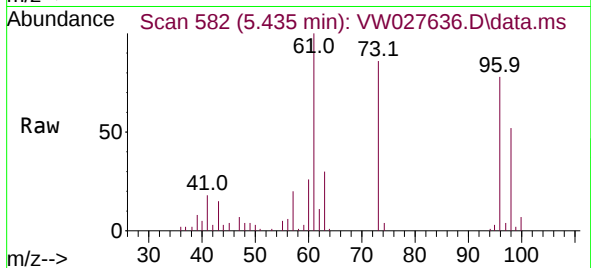
Delta R.T. -0.000 min

Lab File: VW027636.D

Acq: 15 Dec 2023 15:10

Tgt Ion: 96 Resp: 22162

Ion	Ratio	Lower	Upper
96	100		
61	127.5	88.5	164.3
98	66.4	42.9	79.7



#18

Methyl tert-butyl Ether

Concen: 5.055 ug/L

RT: 5.435 min Scan# 582

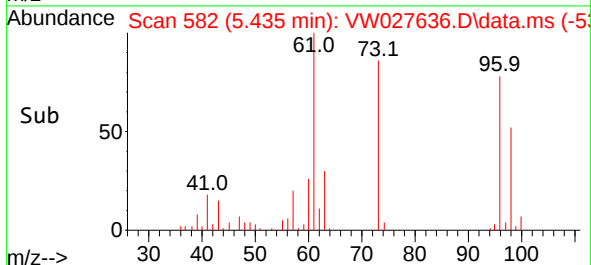
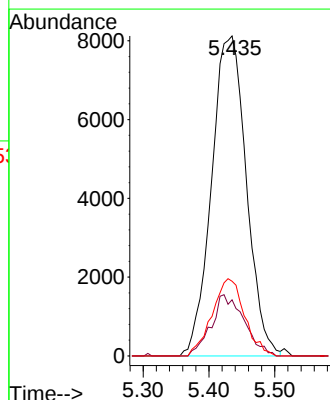
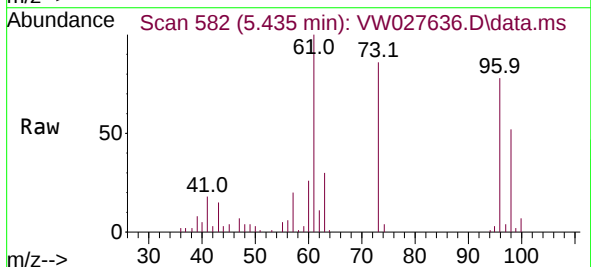
Delta R.T. 0.006 min

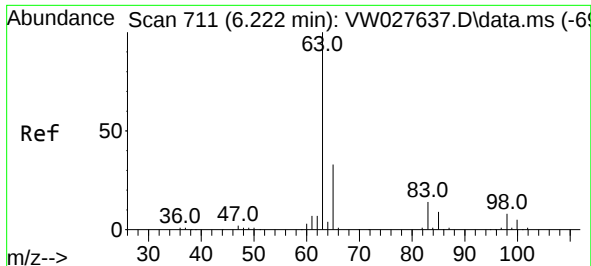
Lab File: VW027636.D

Acq: 15 Dec 2023 15:10

Tgt Ion: 73 Resp: 29918

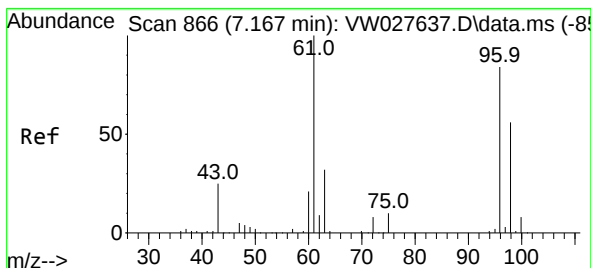
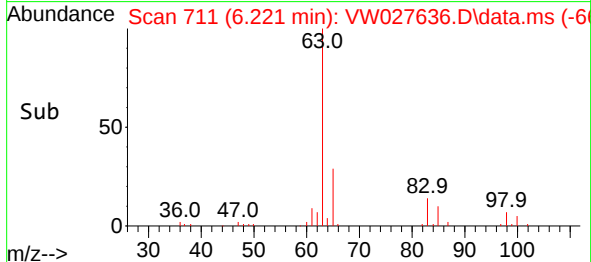
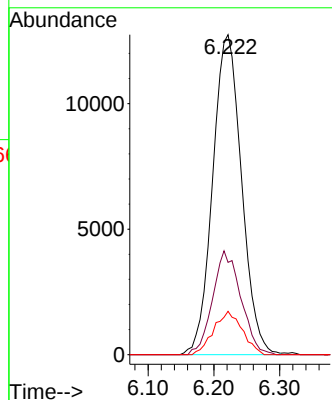
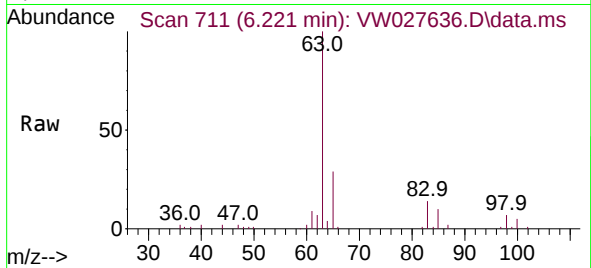
Ion	Ratio	Lower	Upper
73	100		
43	17.6	13.5	20.3
57	21.6	17.4	26.0





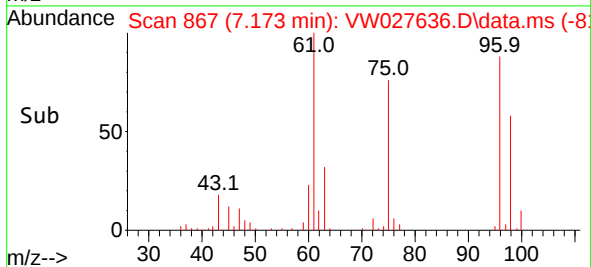
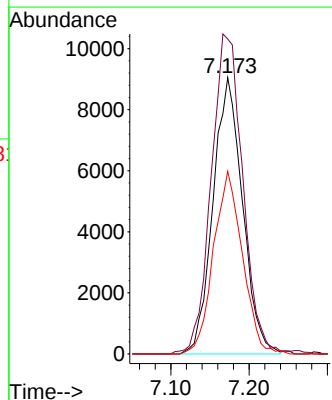
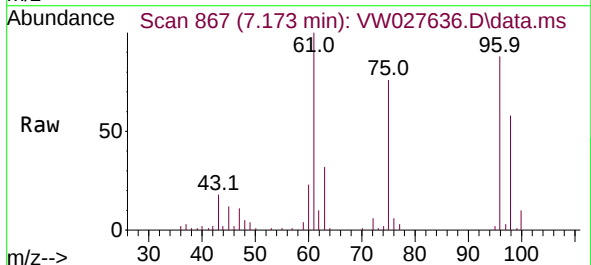
#19
1,1-Dichloroethane
Concen: 5.114 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

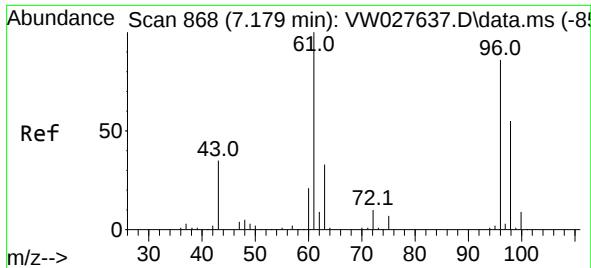
Tgt Ion:	63	Resp:	38984
Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.0	42.8
83	13.5	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 5.034 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

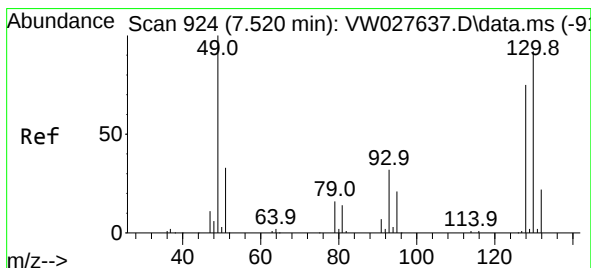
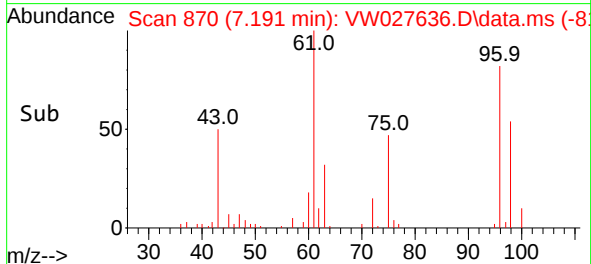
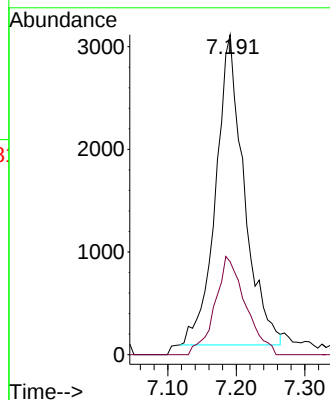
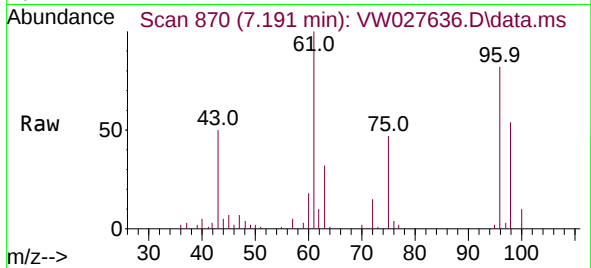
Tgt Ion:	96	Resp:	23687
Ion	Ratio	Lower	Upper
96	100		
61	114.1	83.5	155.1
98	66.2	46.5	86.5





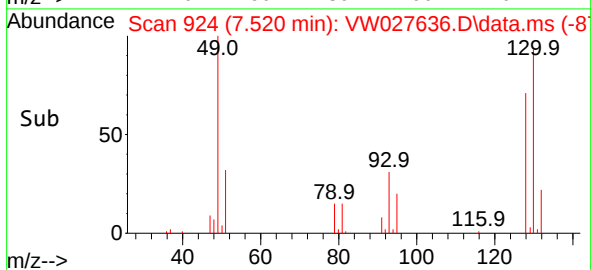
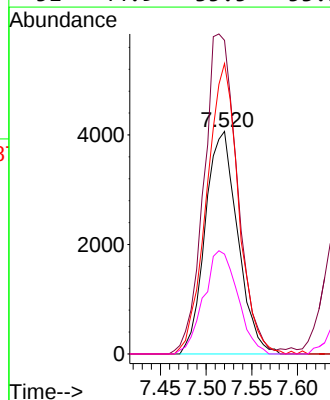
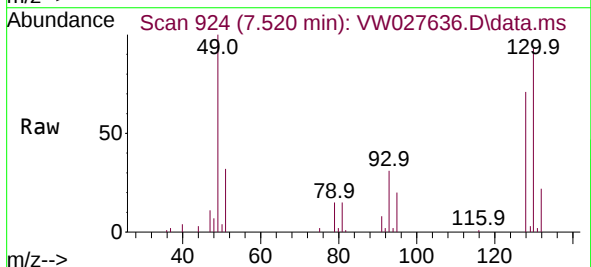
#22
2-Butanone
Concen: 8.781 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.012 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

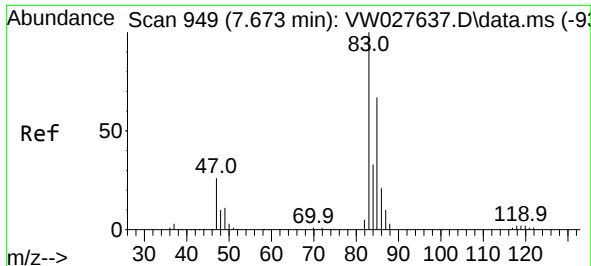
Tgt Ion: 43 Resp: 8693
Ion Ratio Lower Upper
43 100
72 33.9 16.1 48.2



#23
Bromochloromethane
Concen: 5.040 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

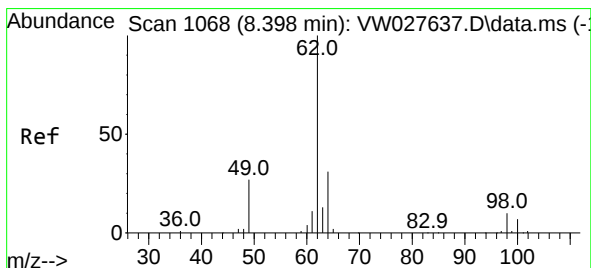
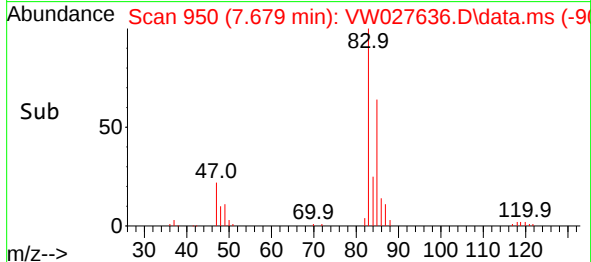
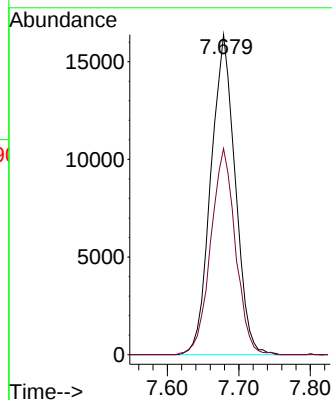
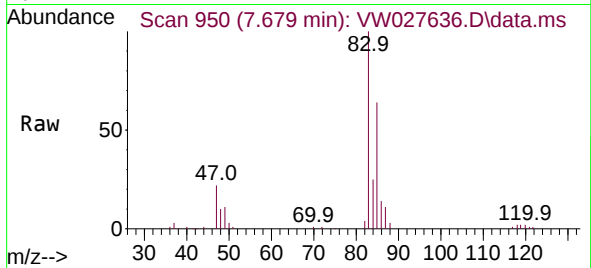
Tgt Ion: 128 Resp: 10041
Ion Ratio Lower Upper
128 100
49 140.9 94.1 174.7
130 130.5 86.2 160.0
51 44.9 35.5 53.3





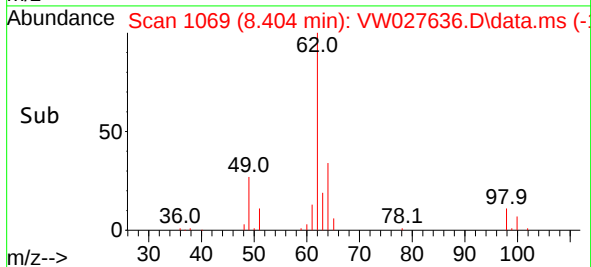
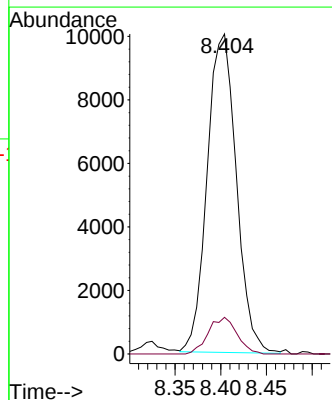
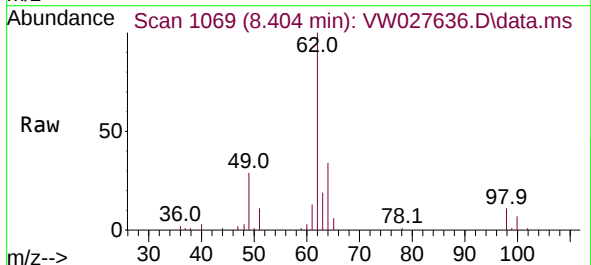
#25
Chloroform
Concen: 5.150 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

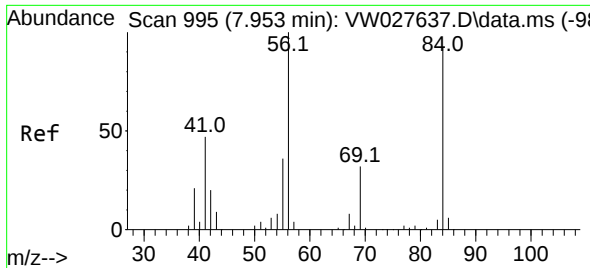
Tgt Ion: 83 Resp: 38701
Ion Ratio Lower Upper
83 100
85 64.4 46.9 87.1



#27
1,2-Dichloroethane
Concen: 5.060 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

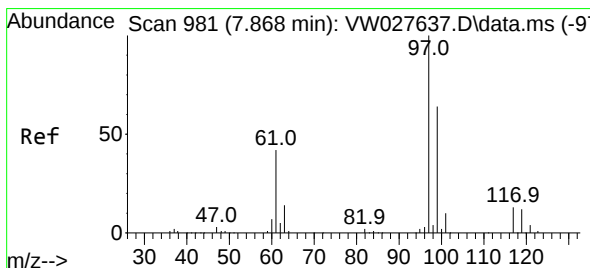
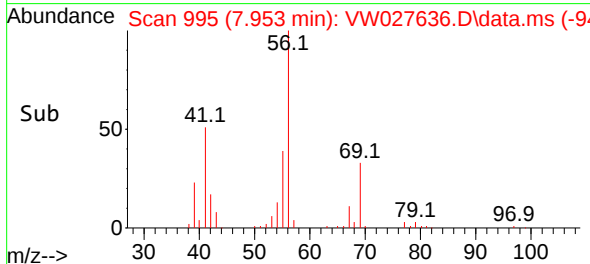
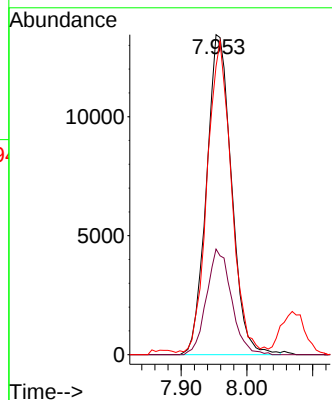
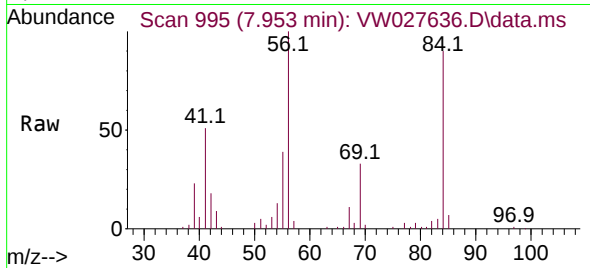
Tgt Ion: 62 Resp: 22296
Ion Ratio Lower Upper
62 100
98 11.5 8.1 12.1





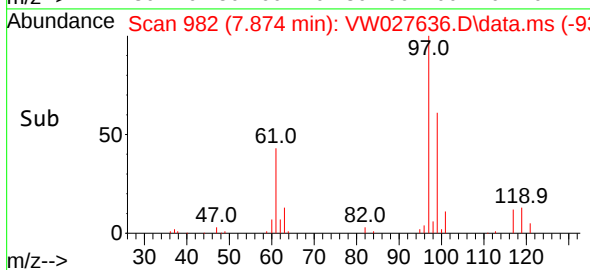
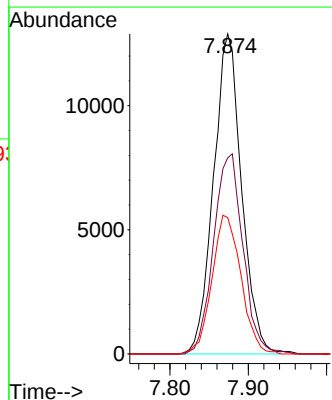
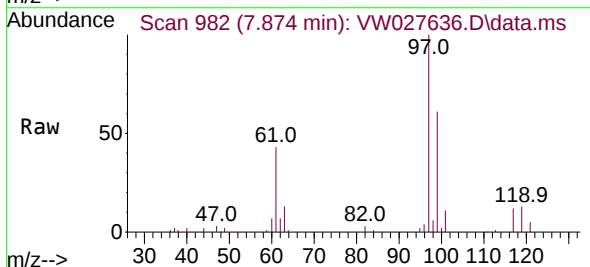
#29
Cyclohexane
Concen: 5.014 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

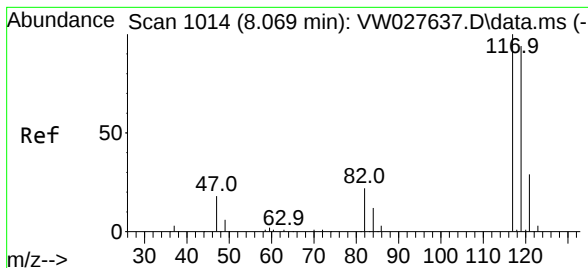
Tgt Ion:	56	Resp:	35629
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.7	38.5
84	96.0	75.6	113.4



#30
1,1,1-Trichloroethane
Concen: 5.116 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

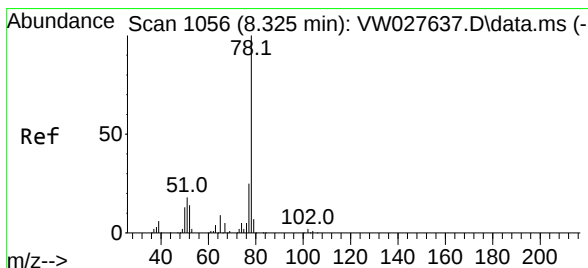
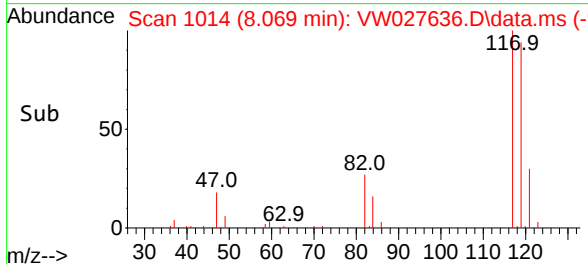
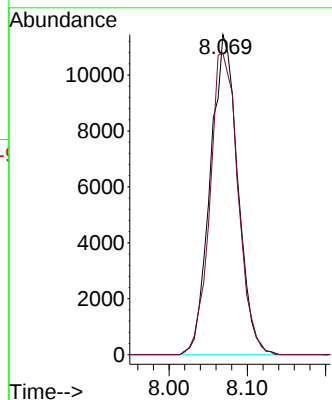
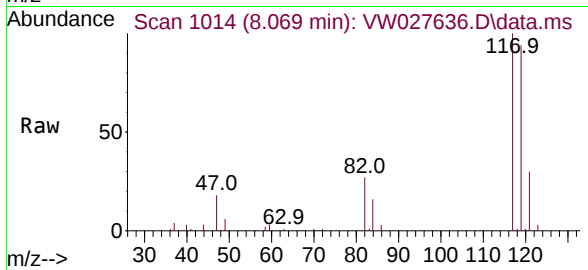
Tgt Ion:	97	Resp:	32119
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	44.8	34.2	51.4





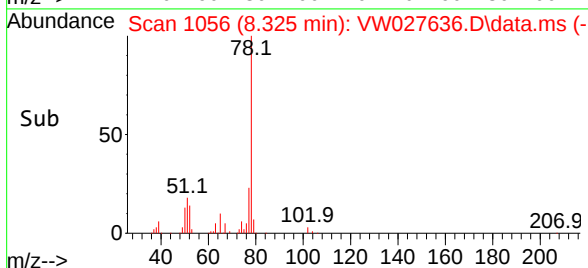
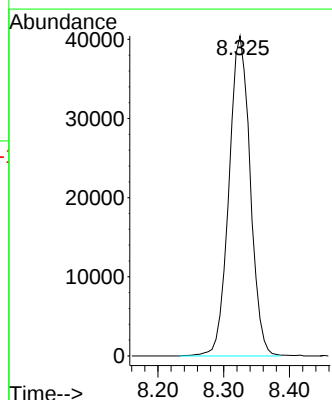
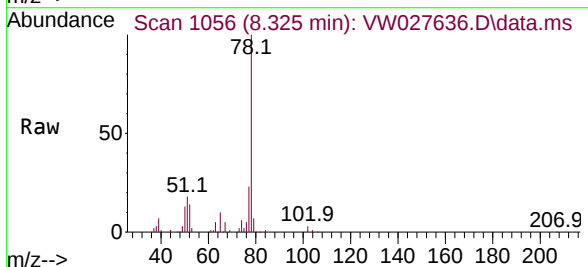
#31
Carbon tetrachloride
Concen: 5.085 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

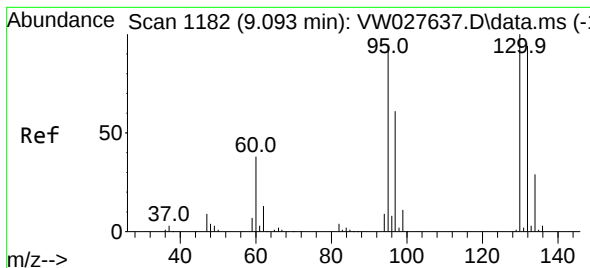
Tgt Ion:117 Resp: 27919
Ion Ratio Lower Upper
117 100
119 96.3 74.6 112.0



#33
Benzene
Concen: 5.217 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

Tgt Ion: 78 Resp: 90871





#34

Trichloroethene

Concen: 5.281 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027636.D

Acq: 15 Dec 2023 15:10

Tgt Ion: 95 Resp: 24901

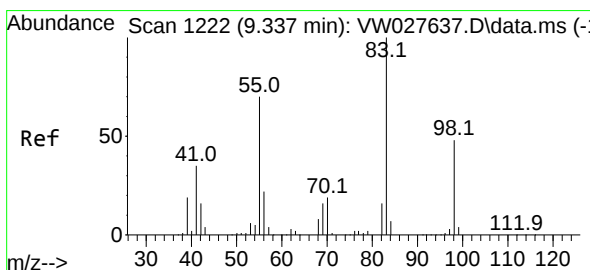
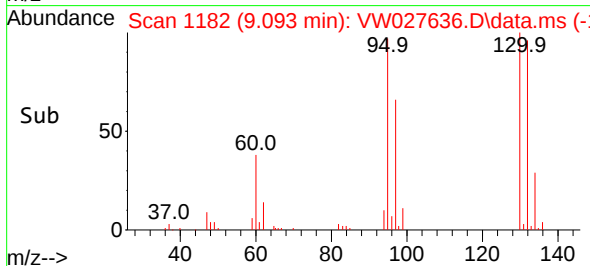
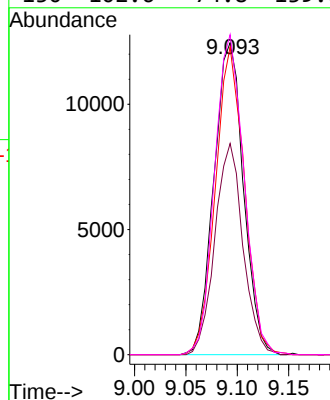
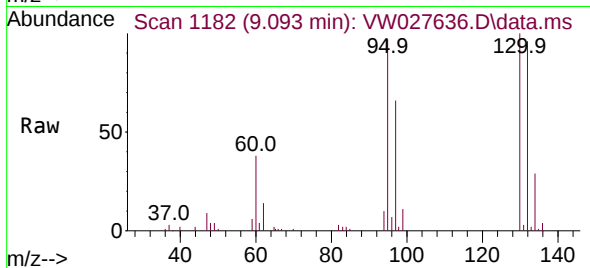
Ion Ratio Lower Upper

95 100

97 67.7 45.9 85.3

132 98.6 70.4 130.8

130 102.6 74.8 139.0



#35

Methylcyclohexane

Concen: 5.075 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.007 min

Lab File: VW027636.D

Acq: 15 Dec 2023 15:10

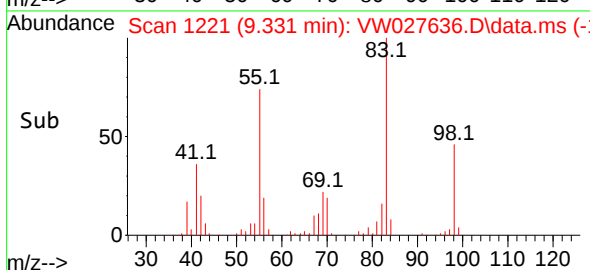
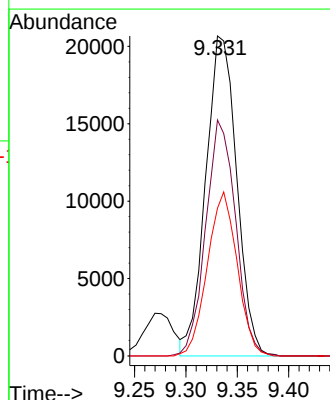
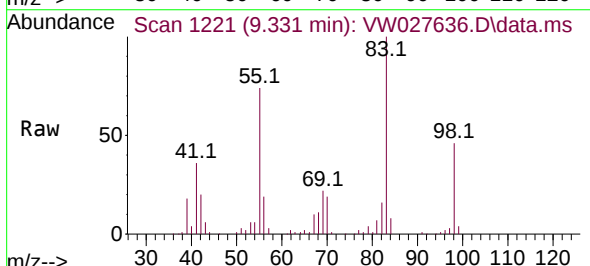
Tgt Ion: 83 Resp: 43332

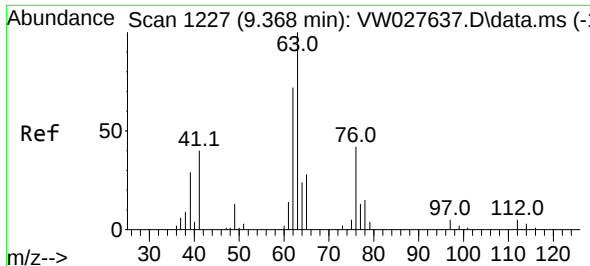
Ion Ratio Lower Upper

83 100

55 71.2 55.1 82.7

98 49.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 5.205 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027636.D

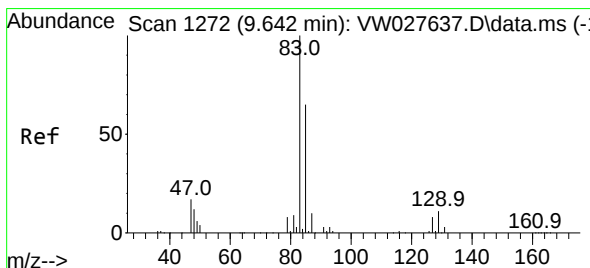
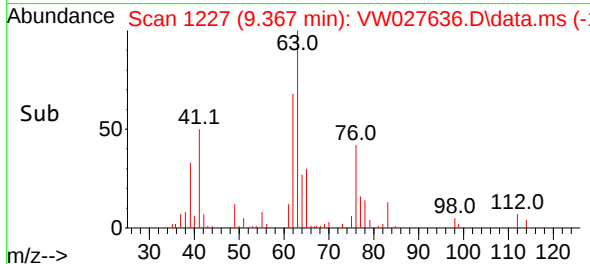
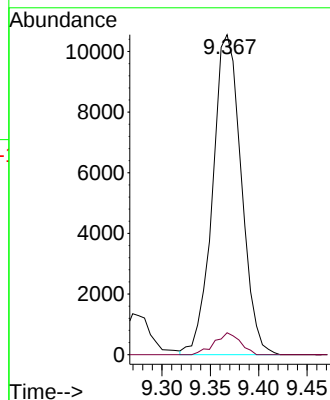
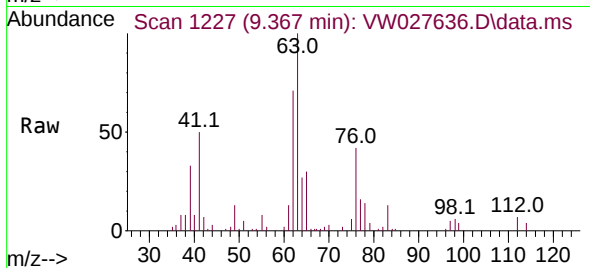
Acq: 15 Dec 2023 15:10

Tgt Ion: 63 Resp: 21755

Ion Ratio Lower Upper

63 100

112 6.1 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.109 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027636.D

Acq: 15 Dec 2023 15:10

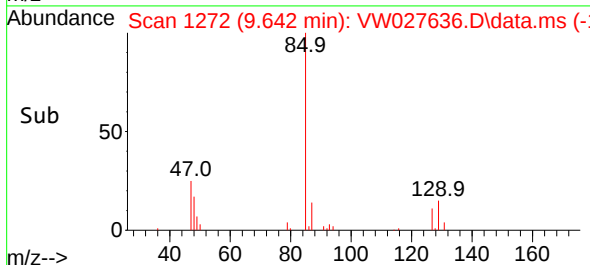
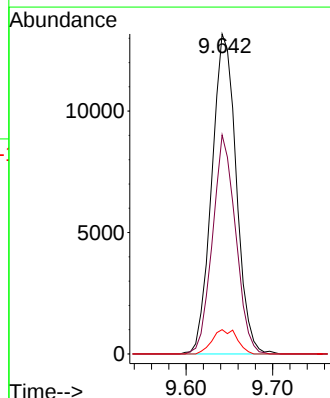
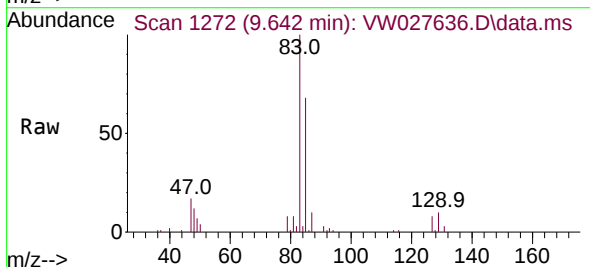
Tgt Ion: 83 Resp: 25864

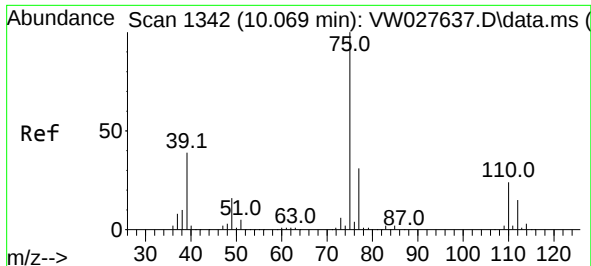
Ion Ratio Lower Upper

83 100

85 68.4 45.3 84.1

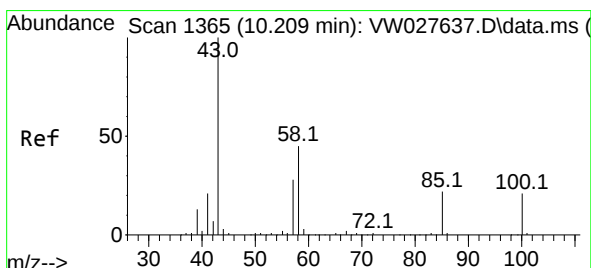
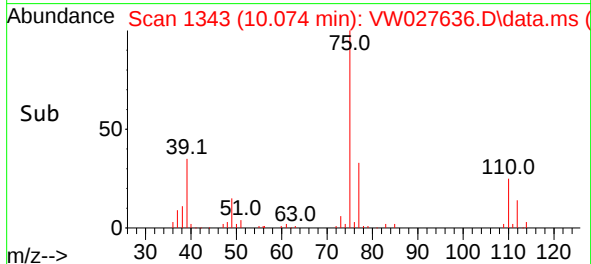
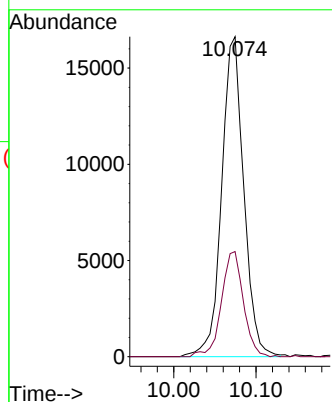
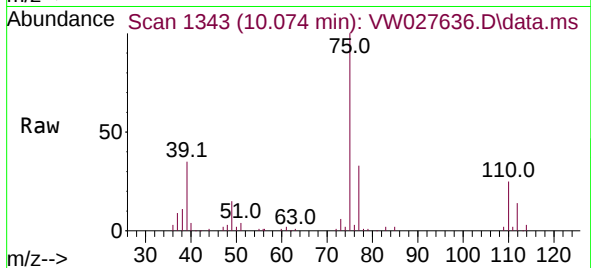
127 7.6 6.8 10.2





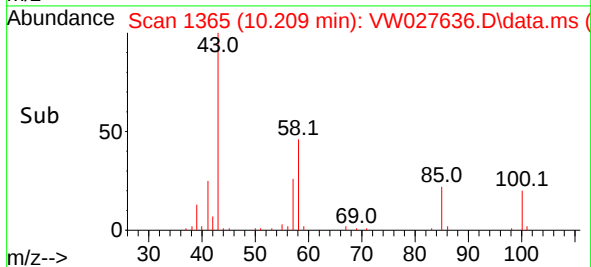
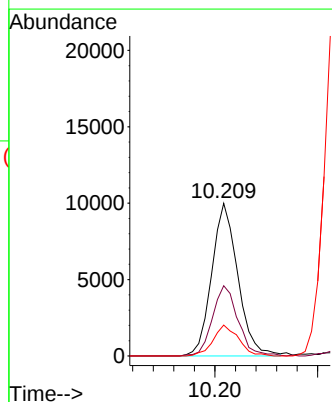
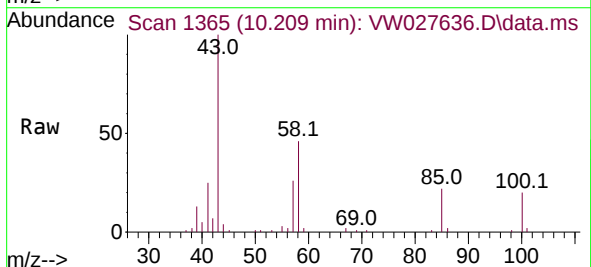
#39
cis-1,3-Dichloropropene
Concen: 4.862 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

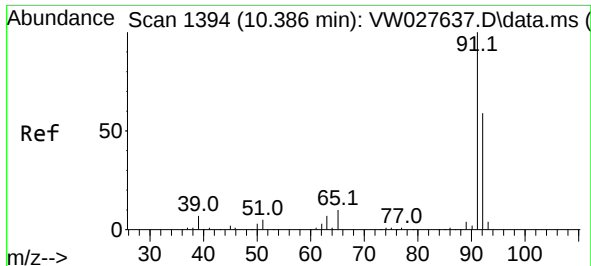
Tgt Ion: 75 Resp: 31086
Ion Ratio Lower Upper
75 100
77 32.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 9.681 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

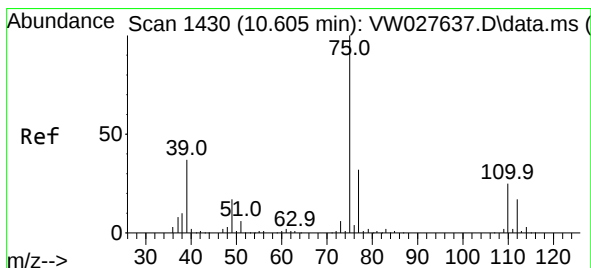
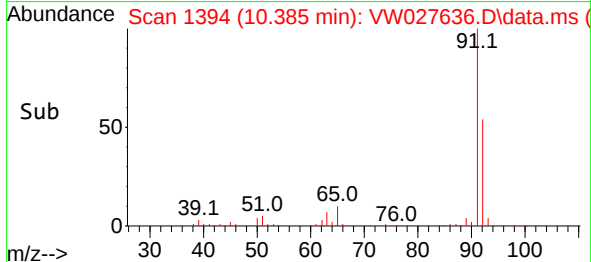
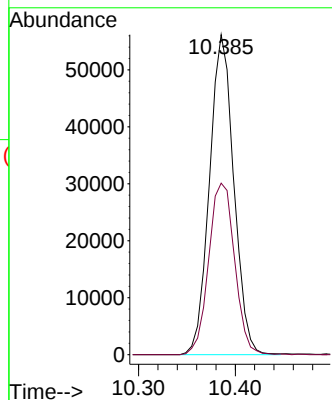
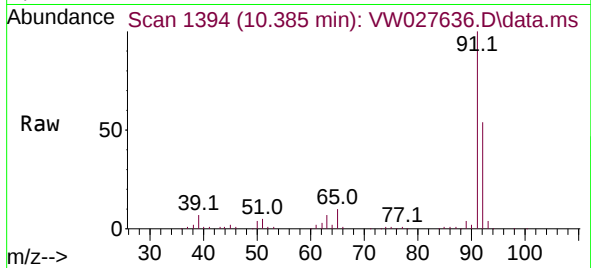
Tgt Ion: 43 Resp: 17643
Ion Ratio Lower Upper
43 100
58 44.9 36.1 54.1
100 19.6 15.8 23.8





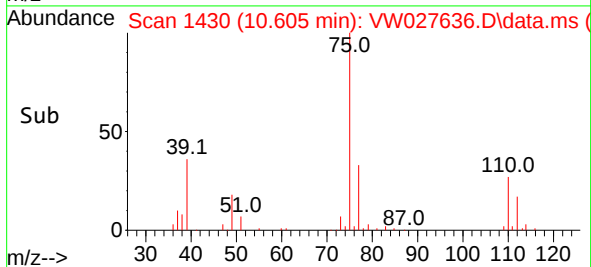
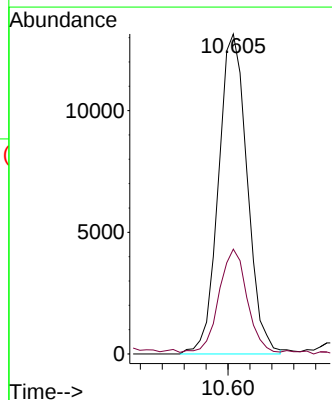
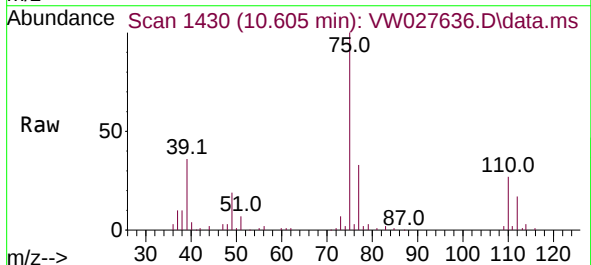
#42
Toluene
Concen: 5.239 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

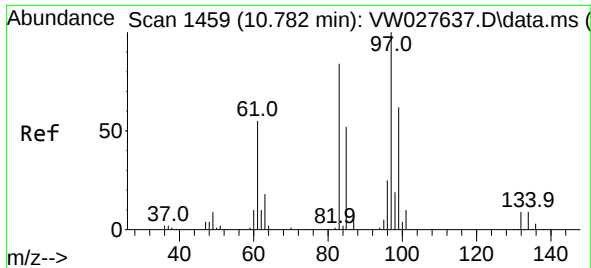
Tgt Ion: 91 Resp: 98030
Ion Ratio Lower Upper
91 100
92 53.6 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 4.738 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

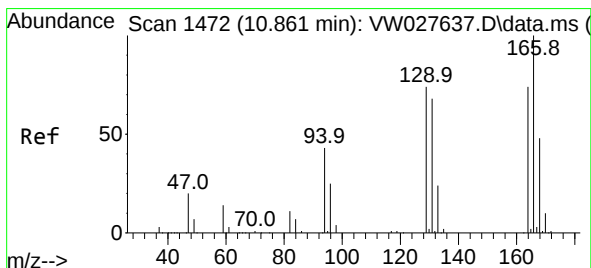
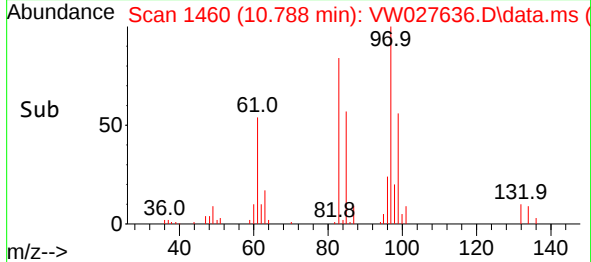
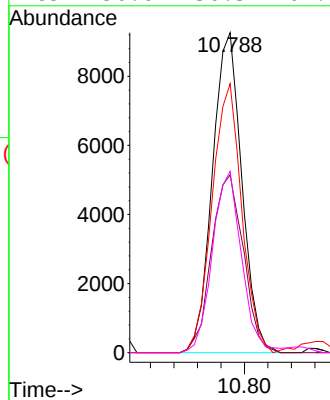
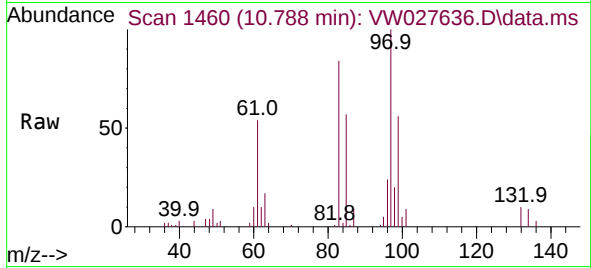
Tgt Ion: 75 Resp: 23950
Ion Ratio Lower Upper
75 100
77 32.7 22.7 42.1





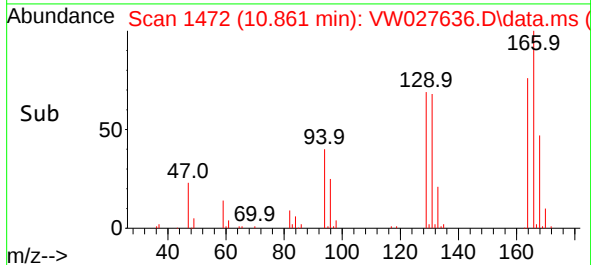
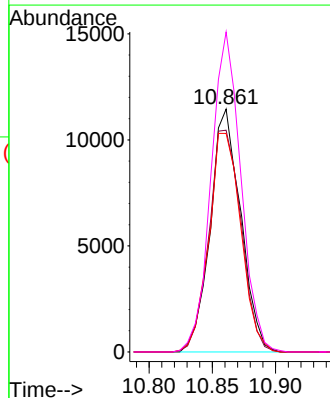
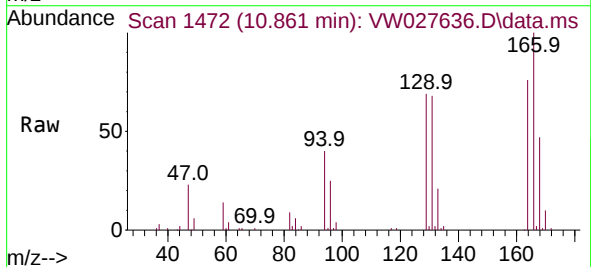
#45
1,1,2-Trichloroethane
Concen: 5.200 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

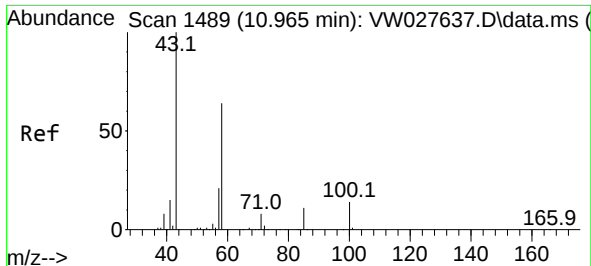
Tgt Ion: 97	Resp: 16117
Ion Ratio	Lower Upper
97 100	
99 55.5	43.4 80.6
83 84.1	59.0 109.6
85 56.6	36.3 67.5



#46
Tetrachloroethene
Concen: 5.070 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

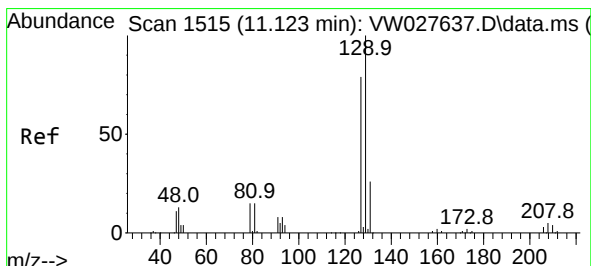
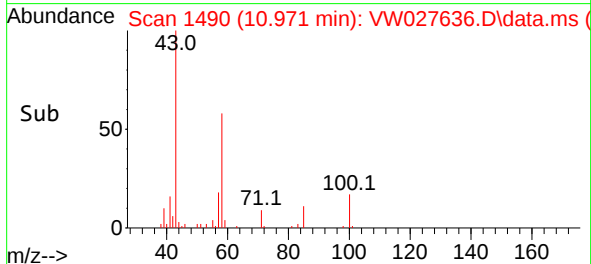
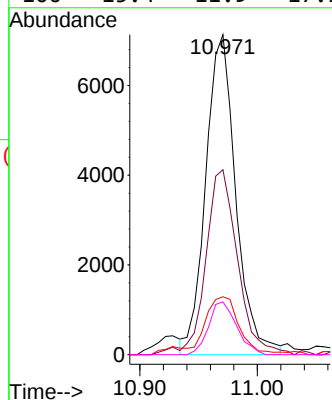
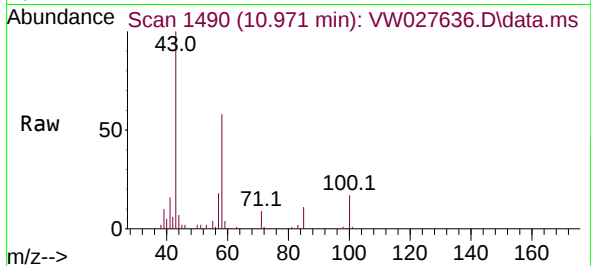
Tgt	Ion:164	Resp:	19186
Ion	Ratio	Lower	Upper
164	100		
129	91.3	70.5	130.9
131	90.0	64.8	120.3
166	131.7	94.8	176.0





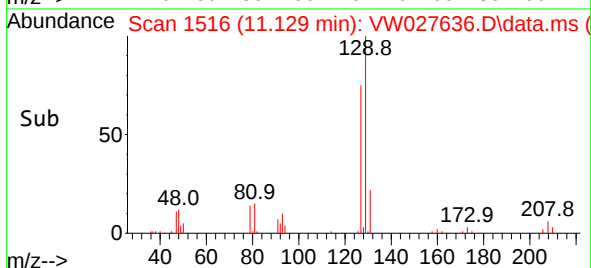
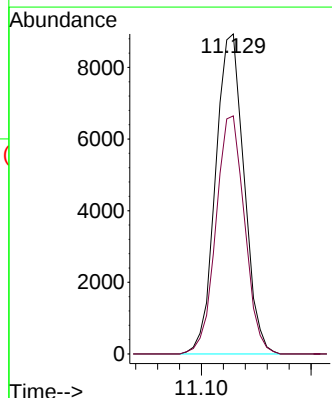
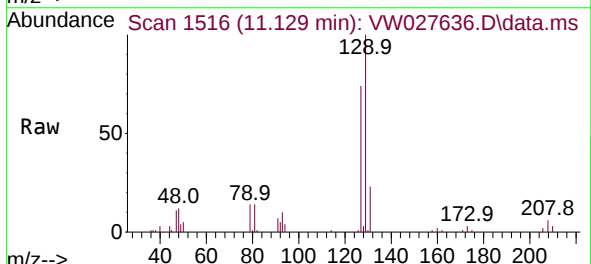
#48
2-Hexanone
Concen: 9.480 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

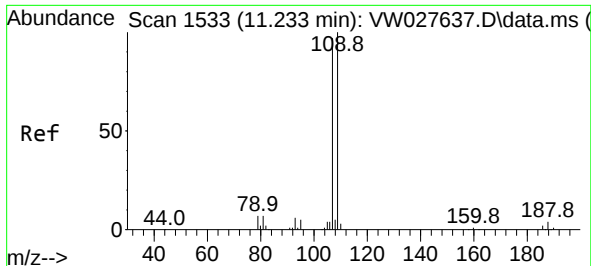
Tgt Ion: 43	Resp: 12715
Ion Ratio	Lower Upper
43 100	
58 59.9	50.4 75.6
57 20.2	17.0 25.6
100 15.4	11.9 17.9



#49
Dibromochloromethane
Concen: 5.007 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

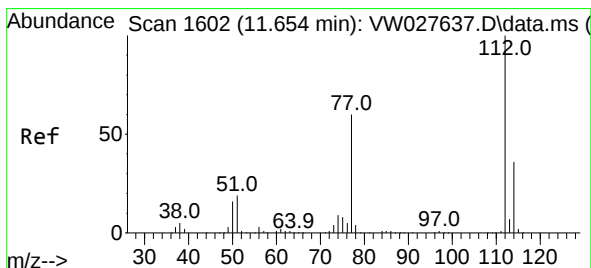
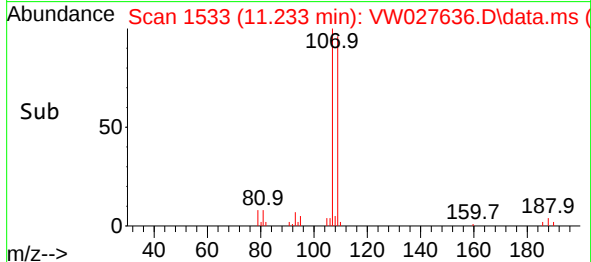
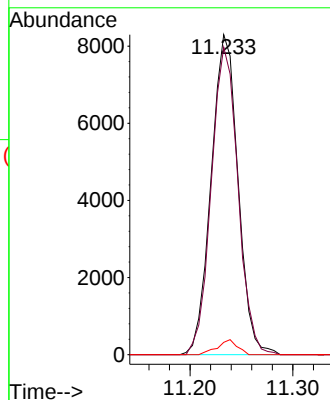
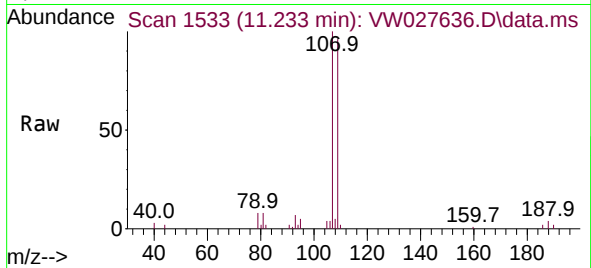
Tgt Ion:129	Resp:	16126	
Ion	Ratio	Lower	Upper
129	100		
127	74.4	55.4	102.8





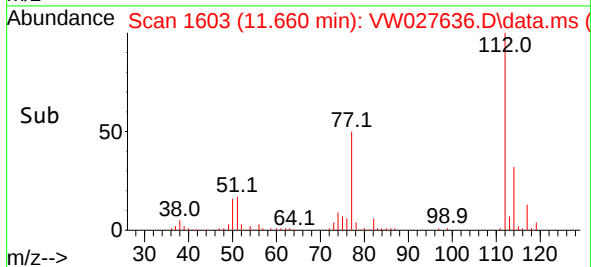
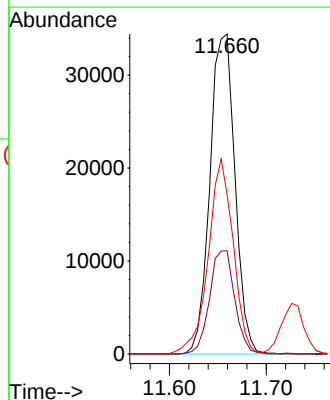
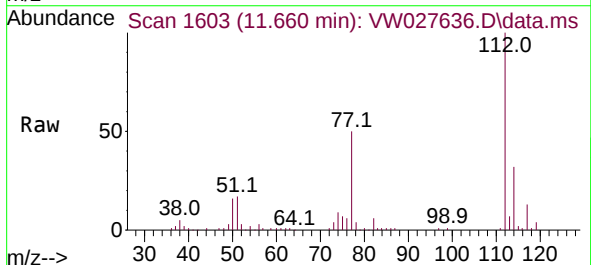
#50
1,2-Dibromoethane
Concen: 5.101 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

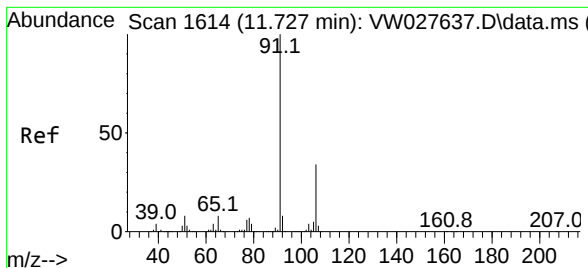
Tgt Ion:	107	Resp:	15062
Ion	Ratio	Lower	Upper
107	100		
109	96.1	72.1	133.9
188	3.8	3.0	4.4



#51
Chlorobenzene
Concen: 5.179 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

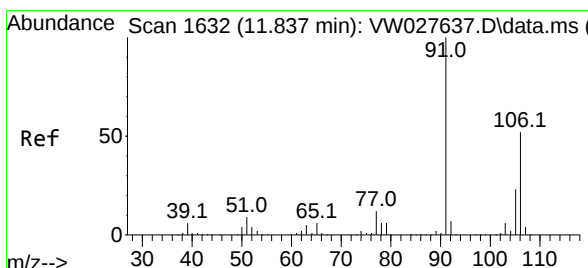
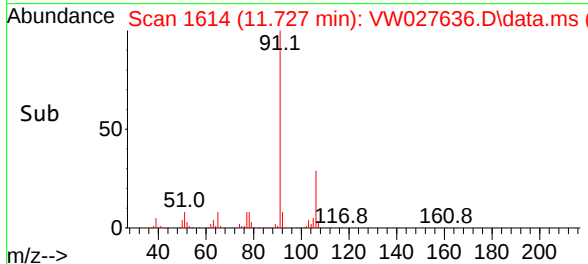
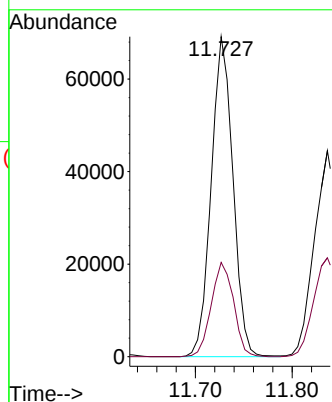
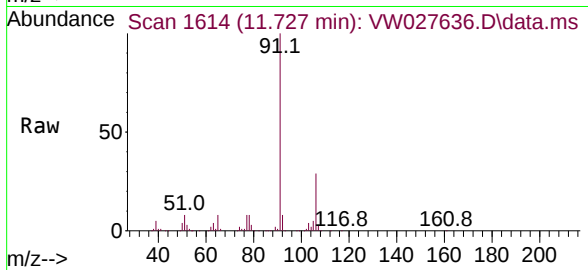
Tgt Ion:	112	Resp:	61985
Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.0	46.4
77	49.9	48.1	72.1





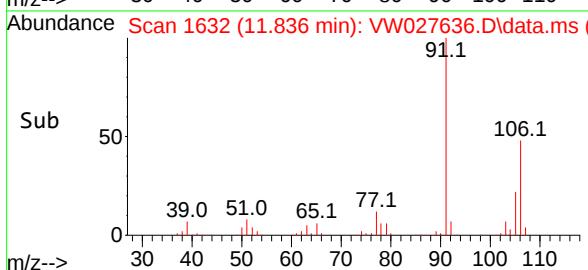
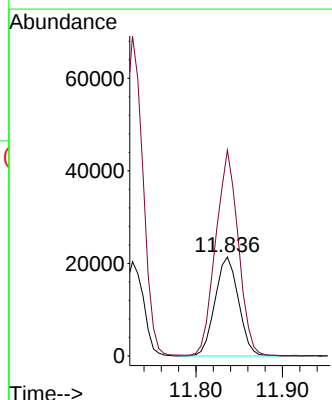
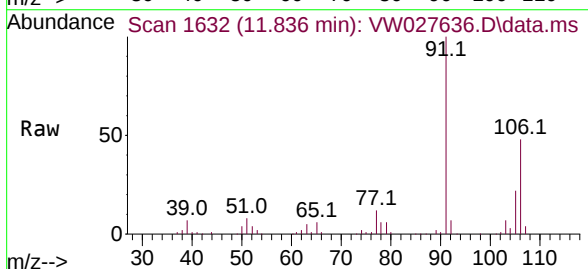
#52
Ethylbenzene
Concen: 5.122 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

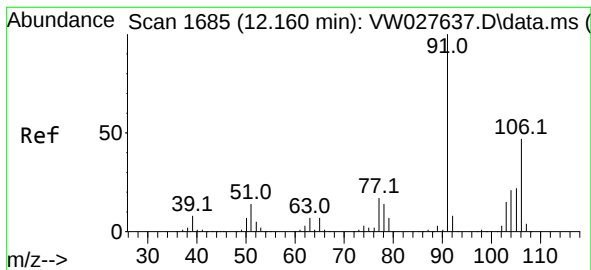
Tgt Ion: 91 Resp: 108186
Ion Ratio Lower Upper
91 100
106 29.4 23.7 44.1



#53
m,p-Xylene
Concen: 4.957 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

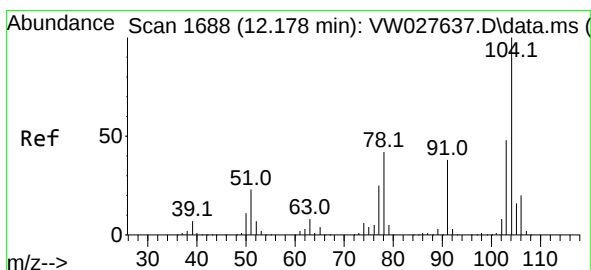
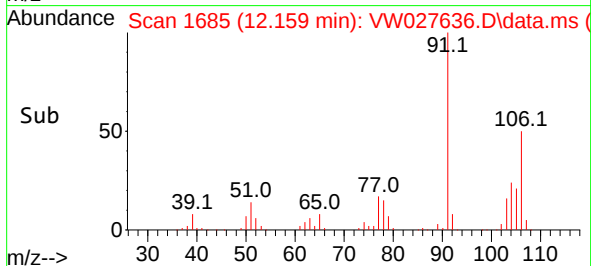
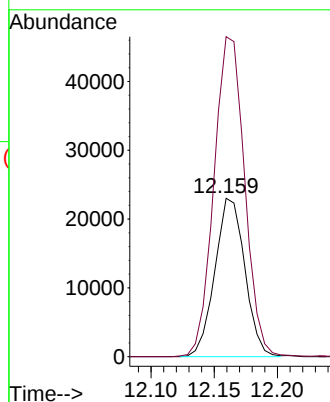
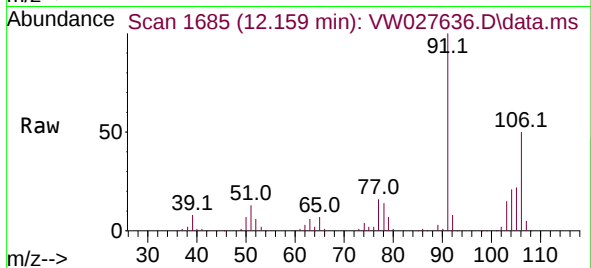
Tgt Ion:106 Resp: 40318
Ion Ratio Lower Upper
106 100
91 208.3 135.7 251.9





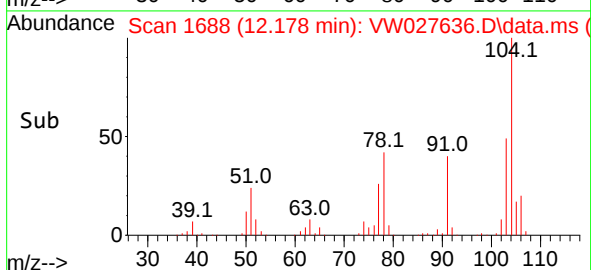
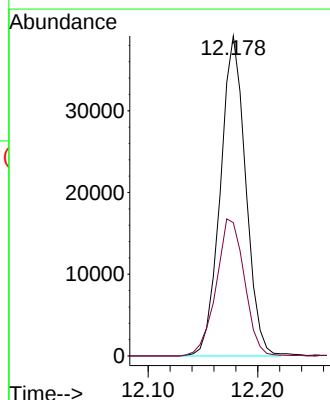
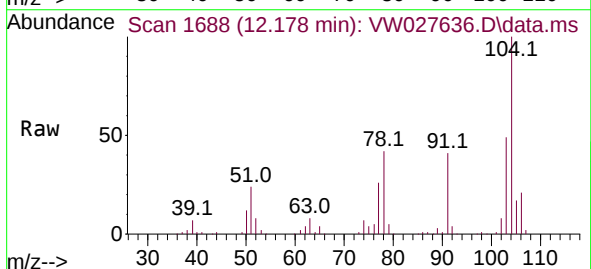
#54
o-Xylene
Concen: 5.030 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

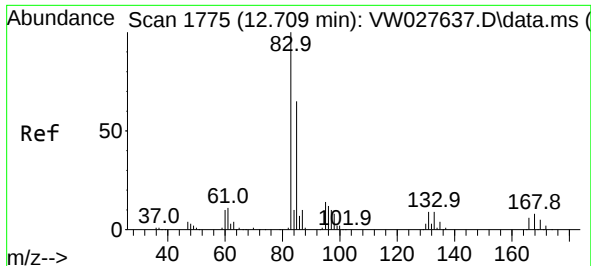
Tgt Ion:106 Resp: 37905
Ion Ratio Lower Upper
106 100
91 202.0 149.9 278.3



#55
Styrene
Concen: 4.946 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

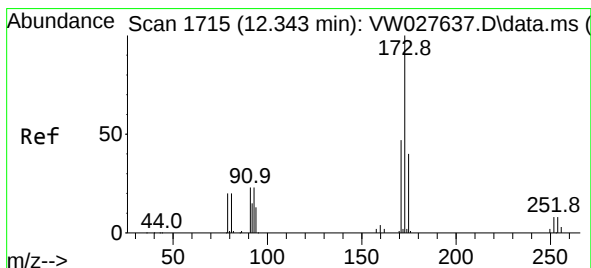
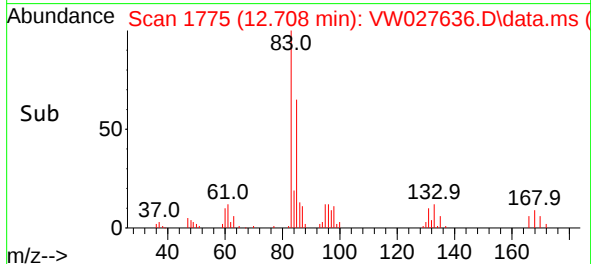
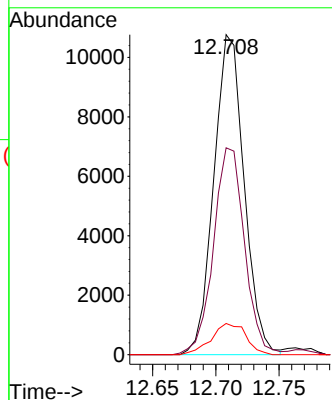
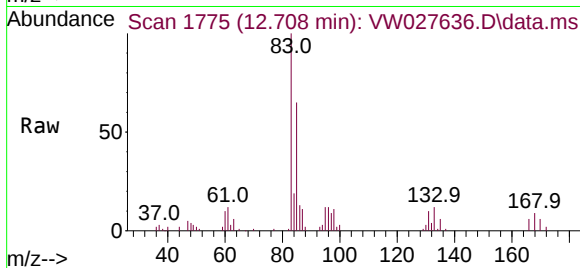
Tgt Ion:104 Resp: 62820
Ion Ratio Lower Upper
104 100
78 41.6 29.6 55.0





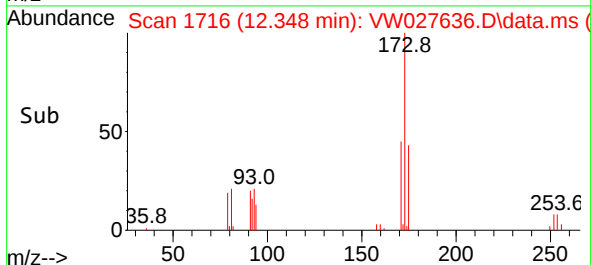
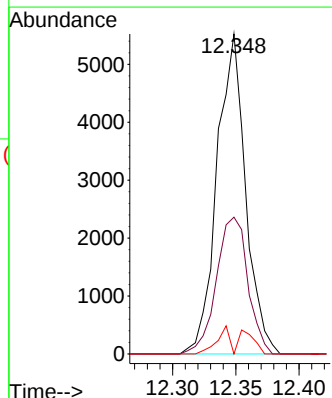
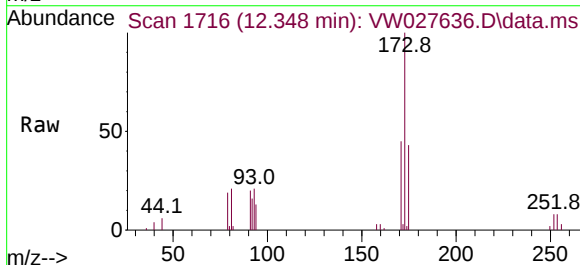
#57
1,1,2,2-Tetrachloroethane
Concen: 5.075 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

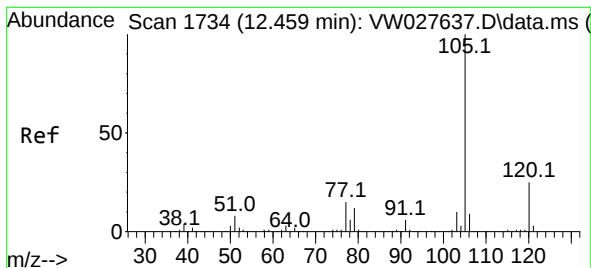
Tgt Ion: 83 Resp: 17949
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2
131 9.7 7.0 10.6



#59
Bromoform
Concen: 4.799 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

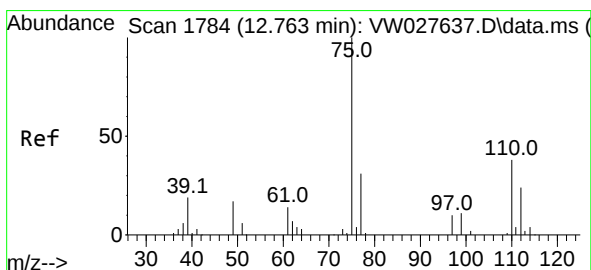
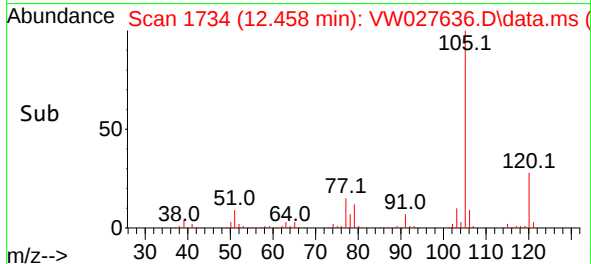
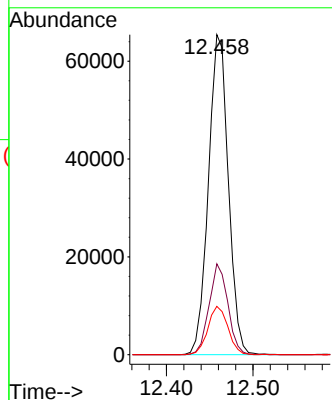
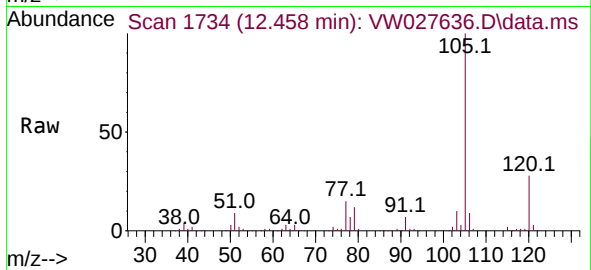
Tgt Ion: 173 Resp: 8678
Ion Ratio Lower Upper
173 100
175 47.0 36.3 54.5
254 4.0 7.5 11.3#





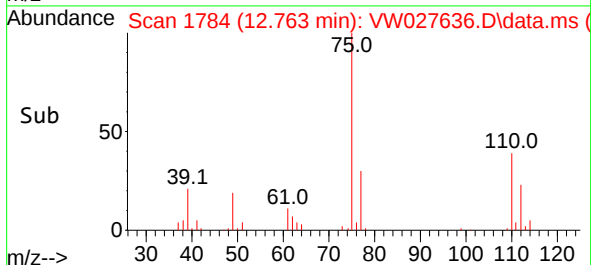
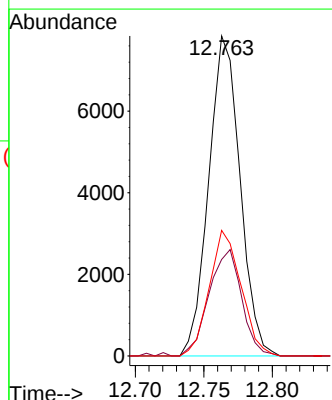
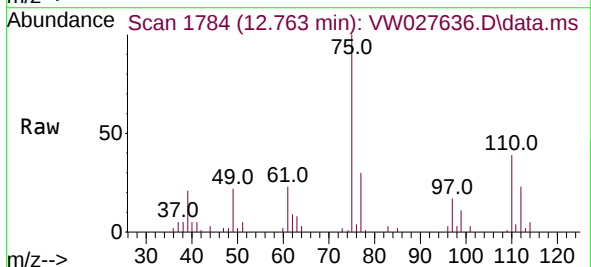
#60
Isopropylbenzene
Concen: 4.971 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

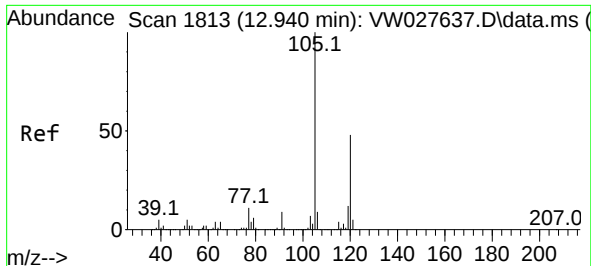
Tgt Ion:105 Resp: 104371
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 15.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.067 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

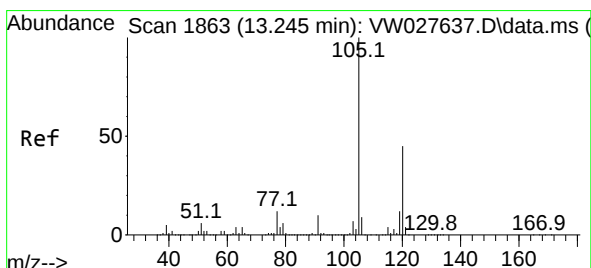
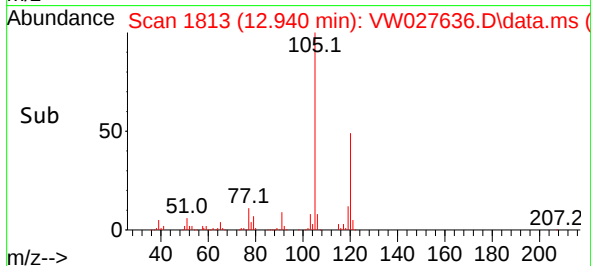
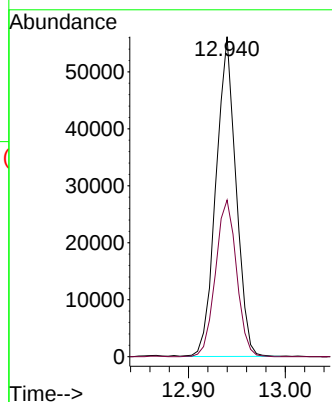
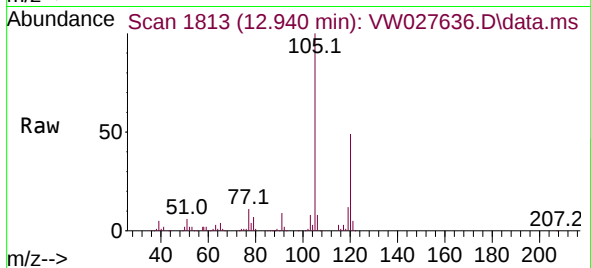
Tgt Ion: 75 Resp: 12485
Ion Ratio Lower Upper
75 100
77 34.6 26.2 39.4
110 39.7 32.2 48.2





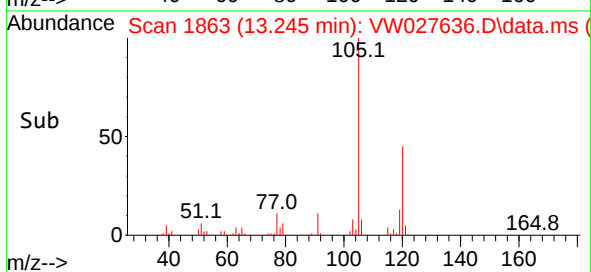
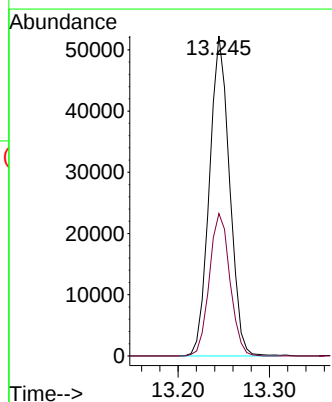
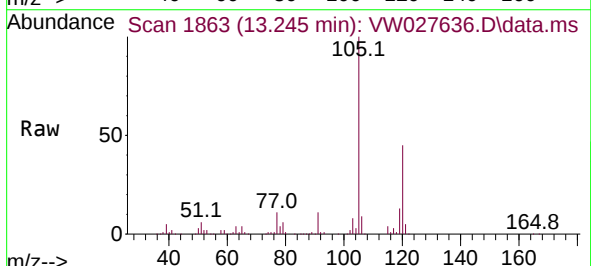
#62
1,3,5-Trimethylbenzene
Concen: 4.849 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

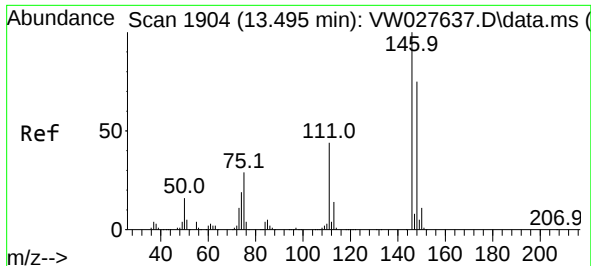
Tgt Ion:105 Resp: 80741
Ion Ratio Lower Upper
105 100
120 51.4 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 4.879 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

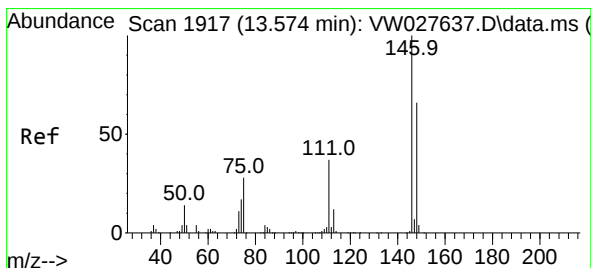
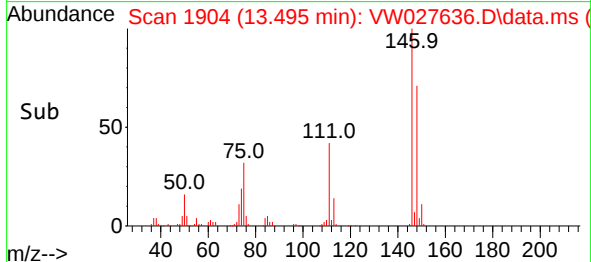
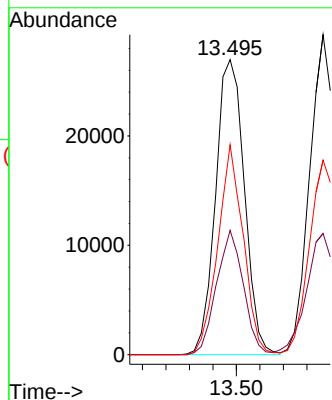
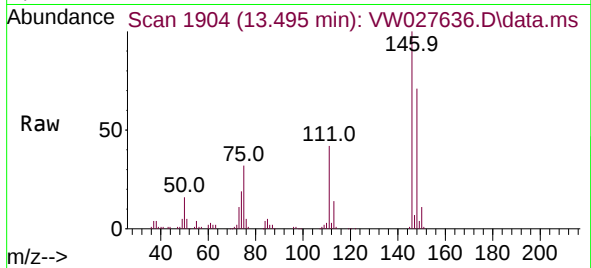
Tgt Ion:105 Resp: 80087
Ion Ratio Lower Upper
105 100
120 45.3 36.4 54.6





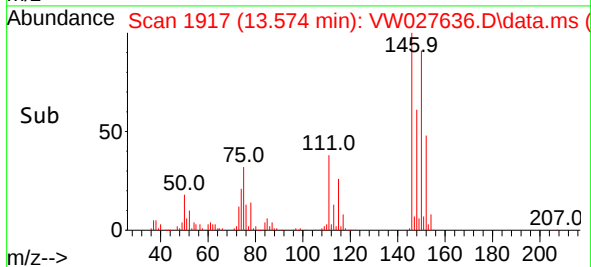
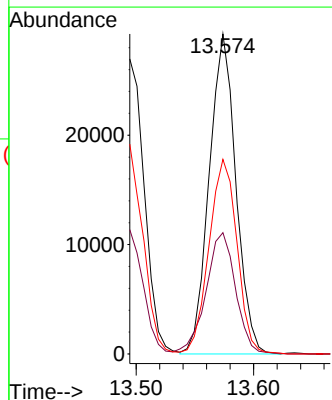
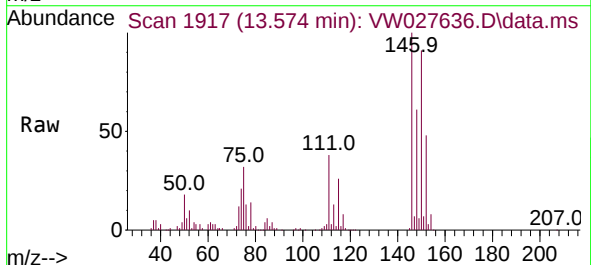
#64
1,3-Dichlorobenzene
Concen: 5.121 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

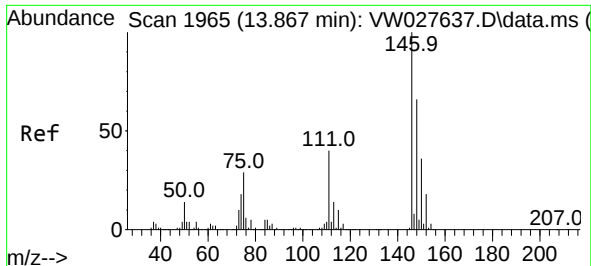
Tgt Ion:146 Resp: 45960
Ion Ratio Lower Upper
146 100
111 42.1 31.1 57.7
148 71.1 52.6 97.8



#65
1,4-Dichlorobenzene
Concen: 5.101 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

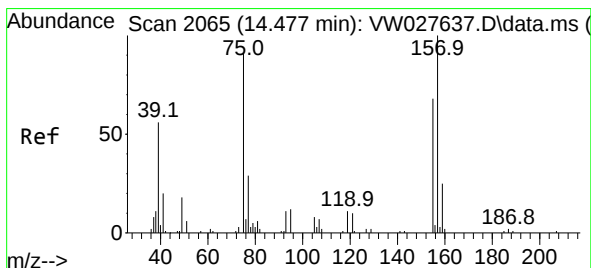
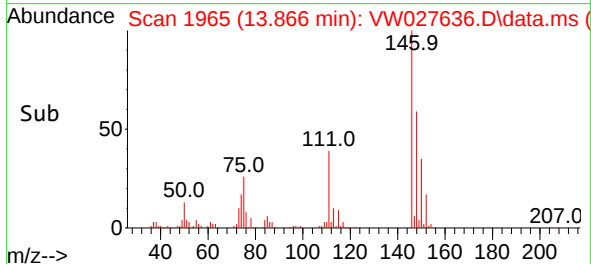
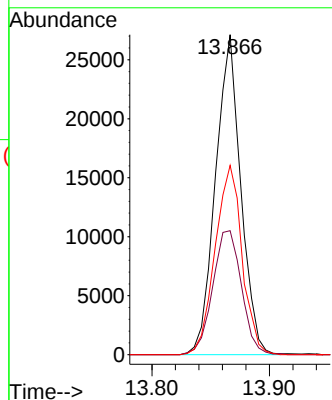
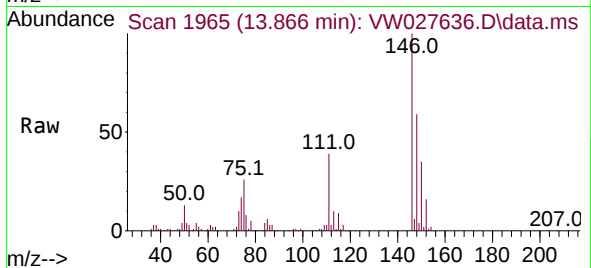
Tgt Ion:146 Resp: 46248
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.6
148 60.8 46.3 85.9





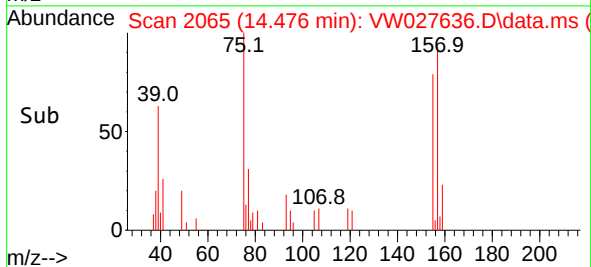
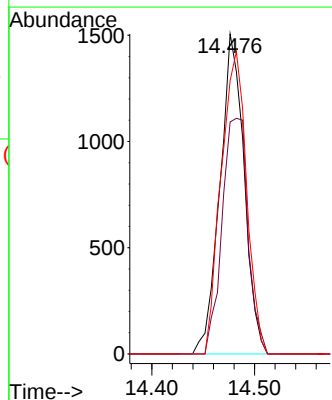
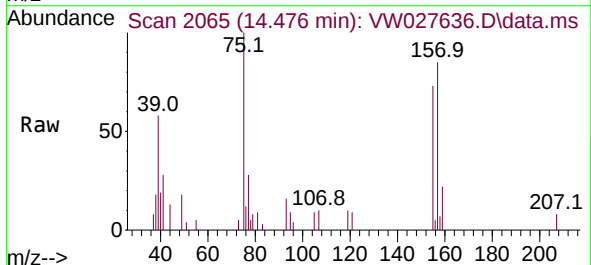
#67
1,2-Dichlorobenzene
Concen: 5.115 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

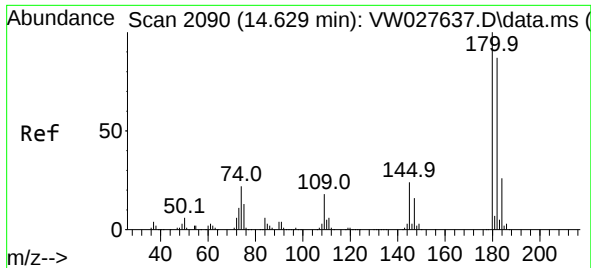
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	32.1	48.1
148	59.1	53.0	79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.023 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

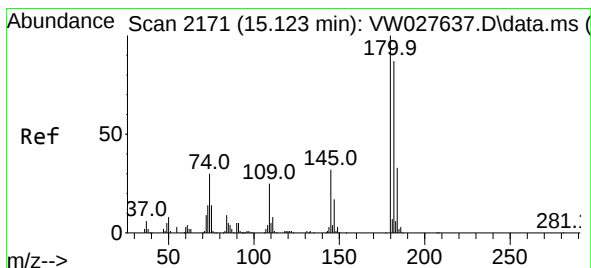
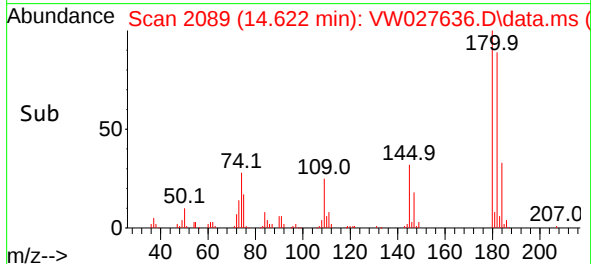
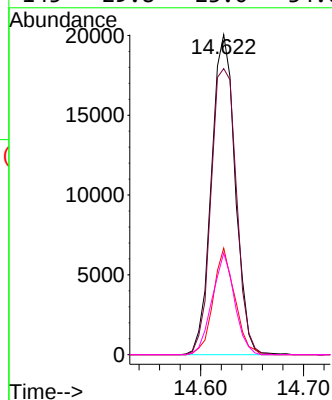
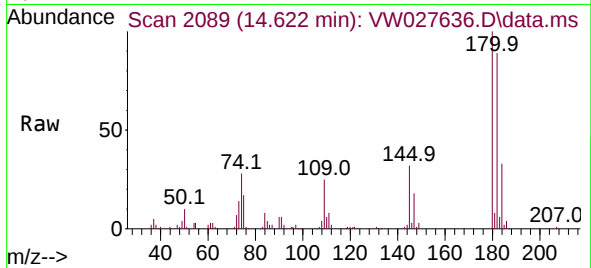
Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.5	59.8	89.6
157	85.4	87.5	131.3





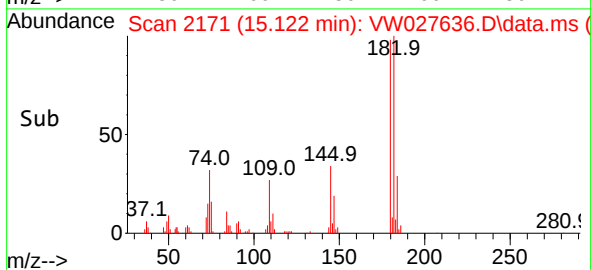
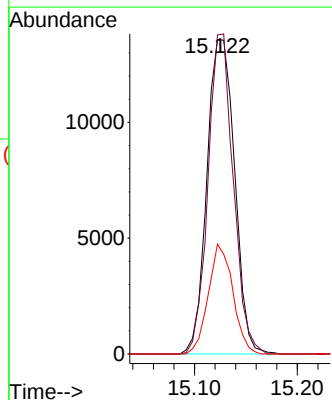
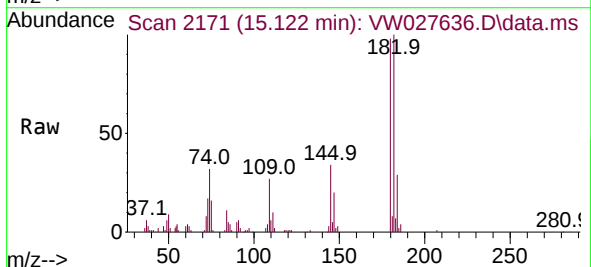
#69
1,3,5-Trichlorobenzene
Concen: 5.121 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.007 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

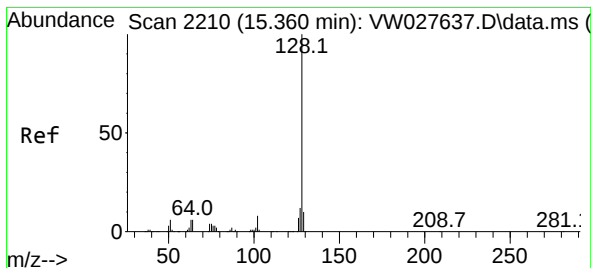
Tgt Ion:180	Resp:	32274
Ion Ratio	Lower	Upper
180	100	
182	95.3	72.6 109.0
184	30.1	23.0 34.6
145	29.8	23.0 34.6



#70
1,2,4-trichlorobenzene
Concen: 5.015 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

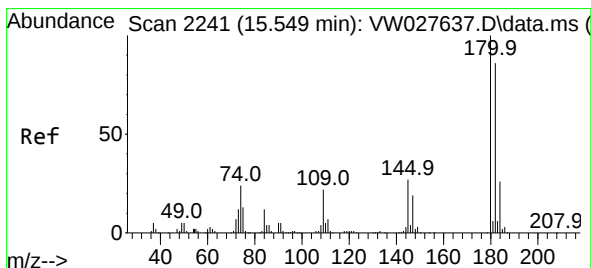
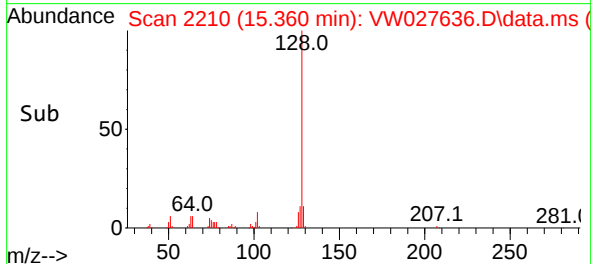
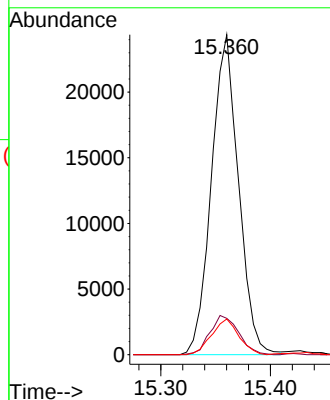
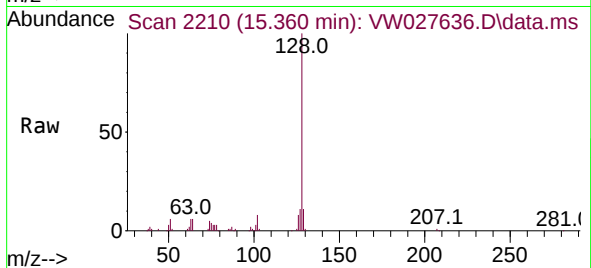
Tgt Ion:180	Resp:	25457
Ion Ratio	Lower	Upper
180	100	
182	92.7	69.7 104.5
145	30.9	24.1 36.1





#71
Naphthalene
Concen: 4.602 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

Tgt Ion:128 Resp: 41823
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 5.026 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027636.D
Acq: 15 Dec 2023 15:10

Tgt Ion:180 Resp: 21669
Ion Ratio Lower Upper
180 100
182 93.9 75.5 113.3
145 34.0 25.0 37.6

