

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022718.D
 Acq On : 17 Jun 2025 12:51
 Operator : SY/MD
 Sample : Q2336-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 04:40:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

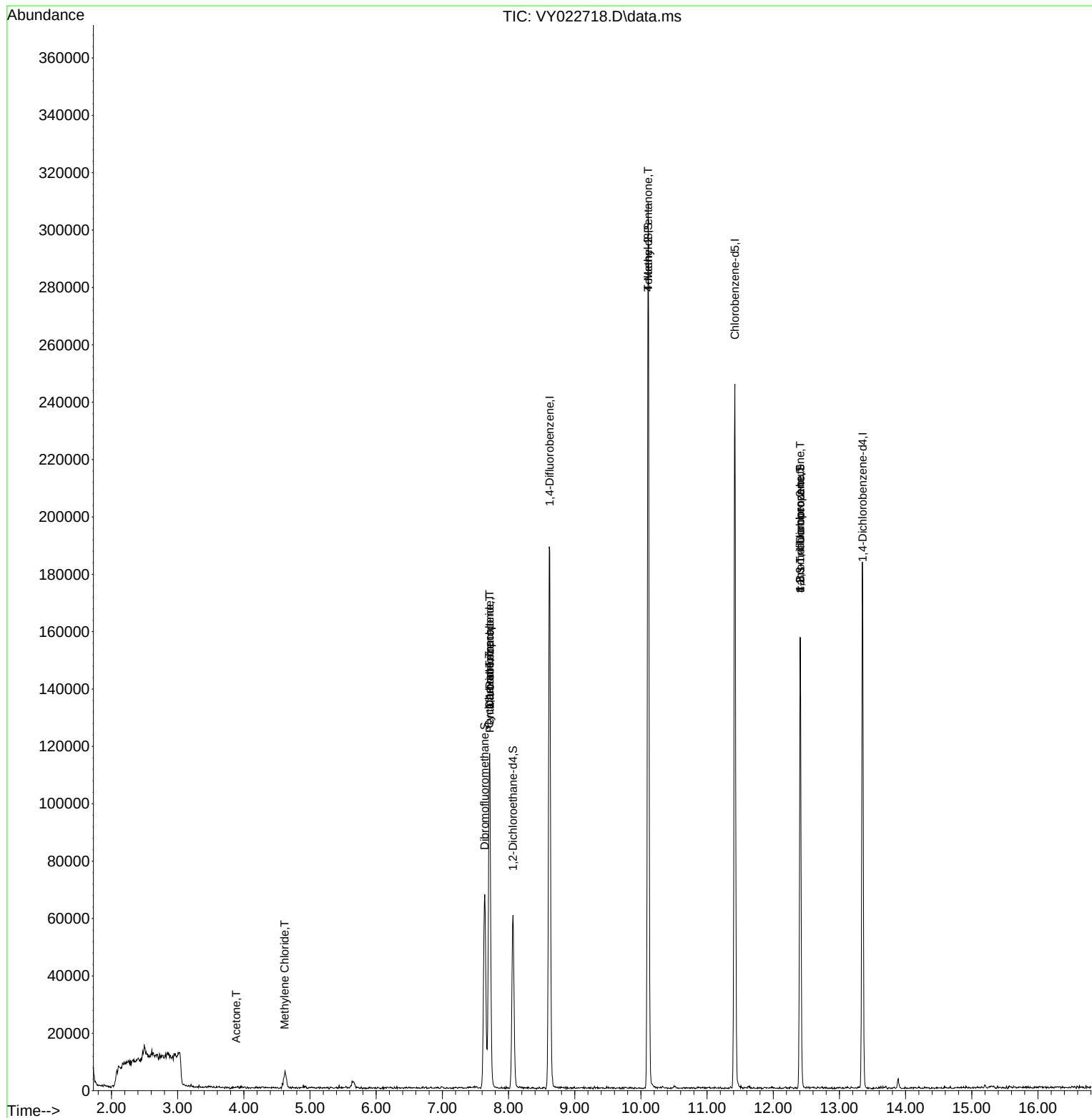
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

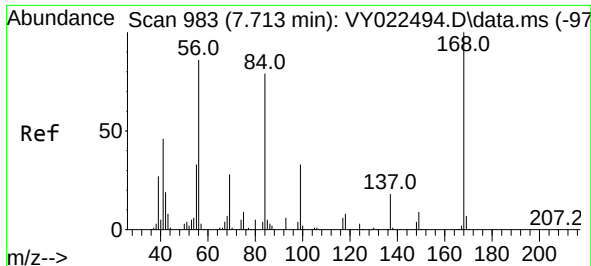
Internal Standards						
1) Pentafluorobenzene	7.719	168	86887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	159780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	121104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	40400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	46589	47.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.640	113	47880	50.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.109	98	189635	49.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.408	95	44007	38.328	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.660%
Target Compounds						Qvalue
16) Acetone	3.885	43	534	2.706	ug/l #	45
20) Methylene Chloride	4.616	84	3780	3.372	ug/l #	89
31) Cyclohexane	7.707	56	2449	1.311	ug/l #	8
36) 1,1-Dichloropropene	7.713	75	8216	5.308	ug/l #	46
38) Carbon Tetrachloride	7.713	117	9660	6.084	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	990	1.332	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	25997	56.247	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	25997	135.834	ug/l #	11

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

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ALS Vial : 8 Sample Multiplier: 1

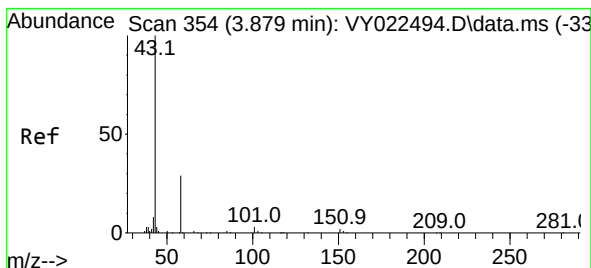
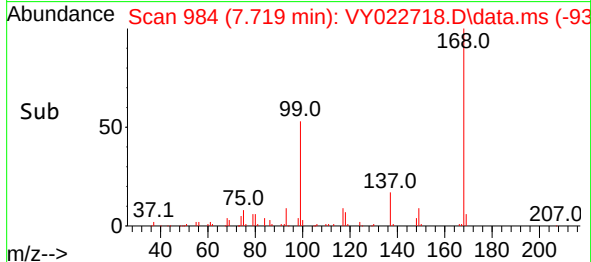
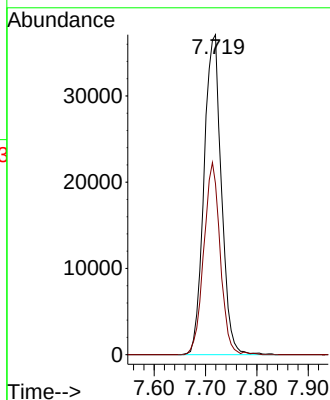
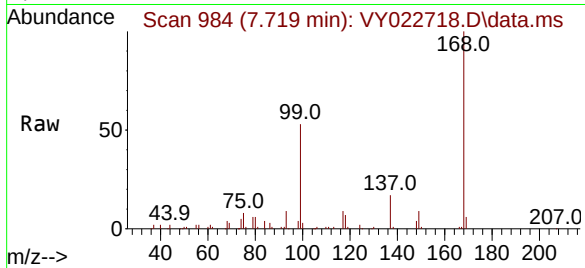
Quant Time: Jun 18 04:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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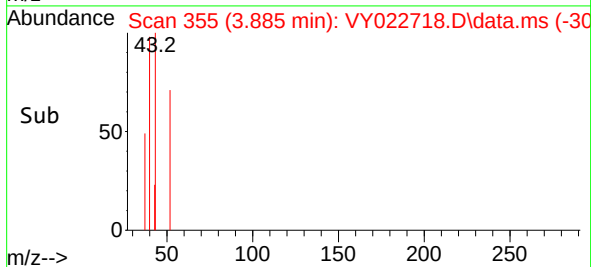
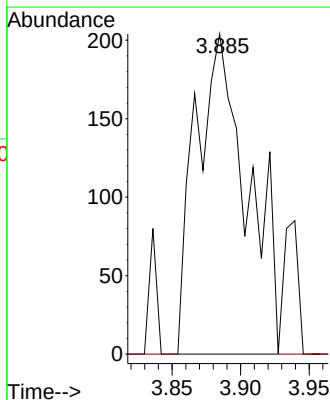
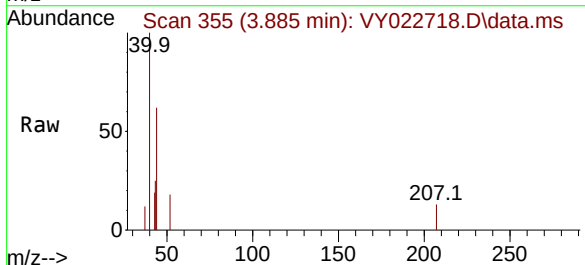
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

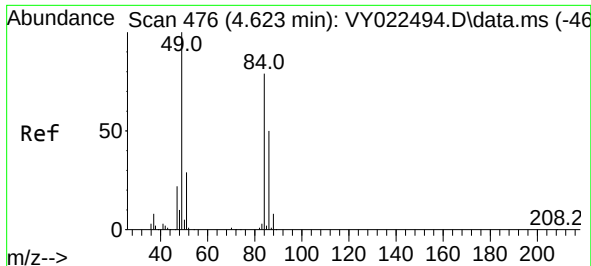
Tgt Ion:168 Resp: 86887
Ion Ratio Lower Upper
168 100
99 53.4 44.3 66.5



#16
Acetone
Concen: 2.706 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

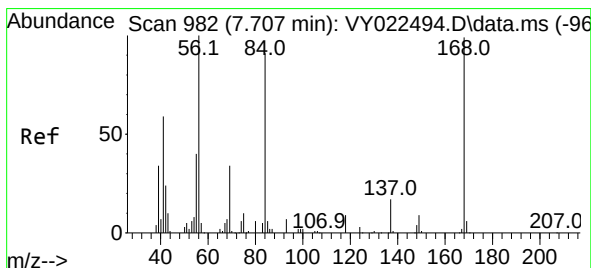
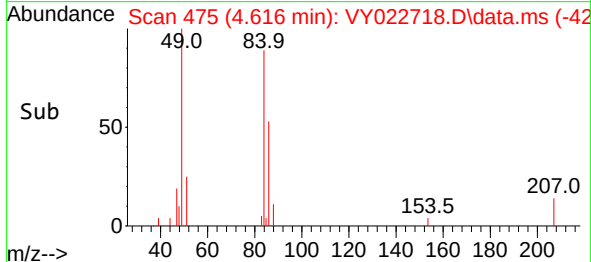
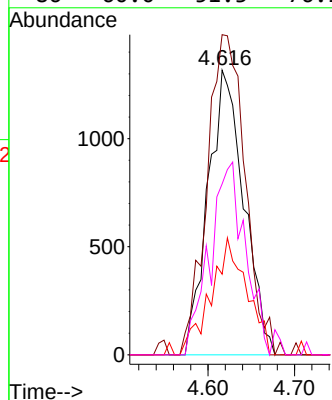
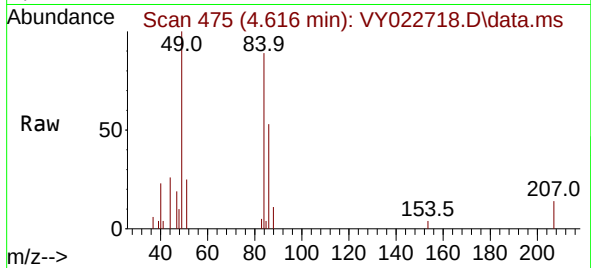
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#





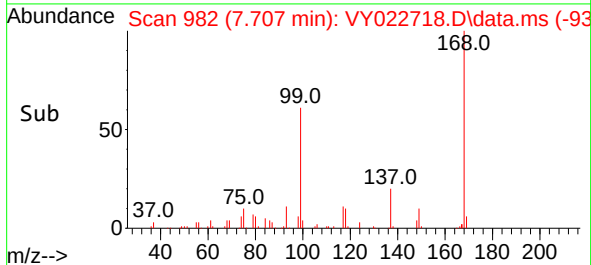
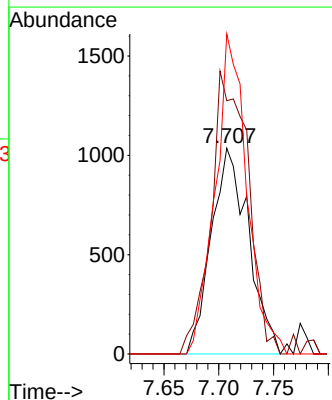
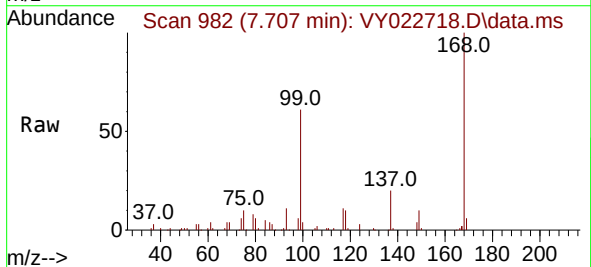
#20
Methylene Chloride
Concen: 3.372 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

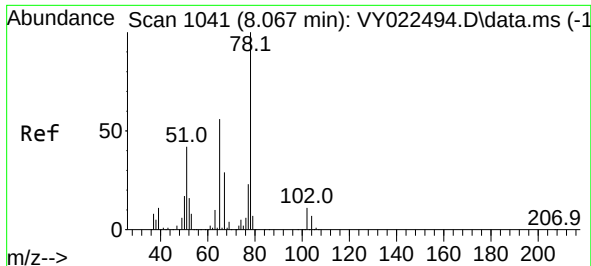
Tgt Ion:	84	Resp:	3780
Ion	Ratio	Lower	Upper
84	100		
49	112.5	101.9	152.9
51	28.3	29.8	44.8#
86	60.0	51.3	76.9



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

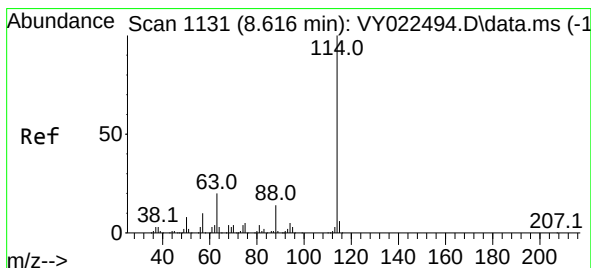
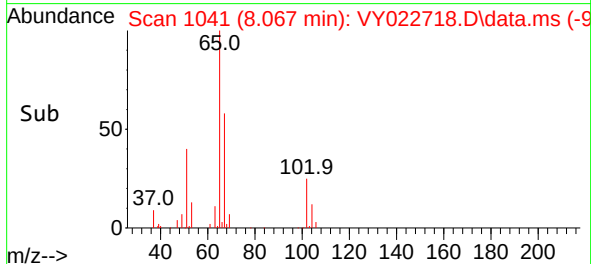
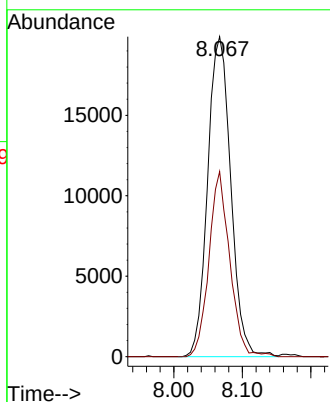
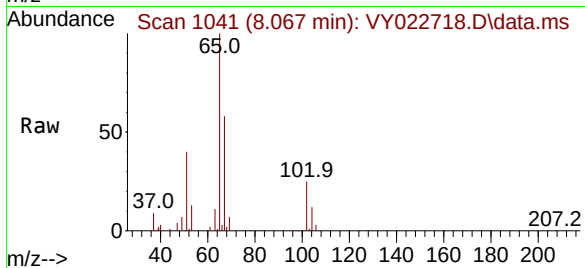
Tgt Ion:	56	Resp:	2449
Ion	Ratio	Lower	Upper
56	100		
69	123.1	27.0	40.6#
84	155.5	72.6	109.0#





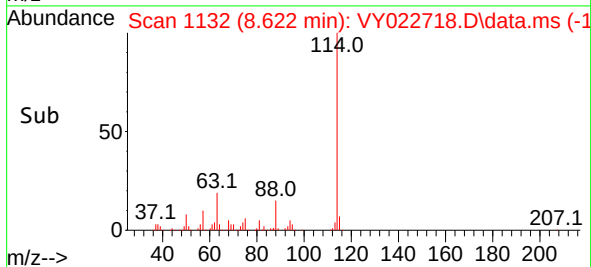
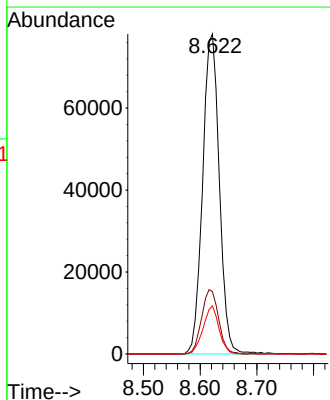
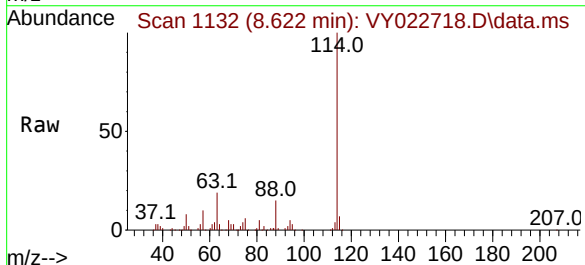
#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

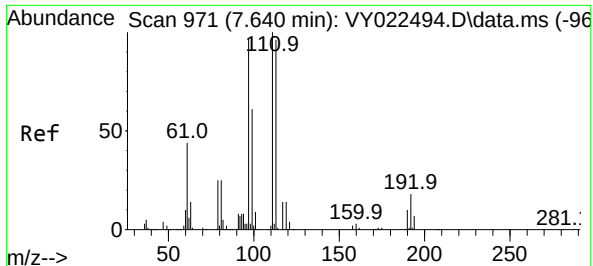
Tgt Ion: 65 Resp: 46589
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

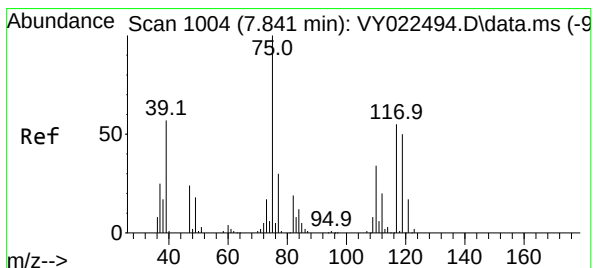
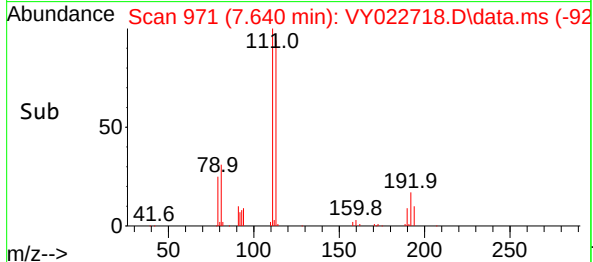
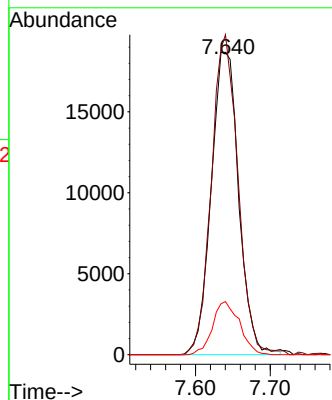
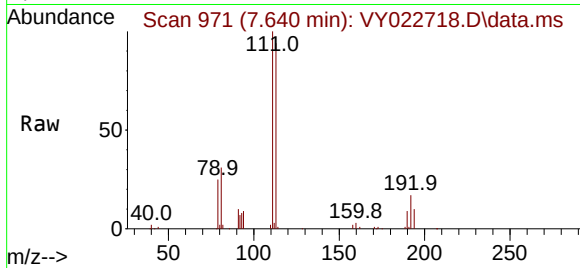
Tgt Ion: 114 Resp: 159780
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.0 0.0 27.8





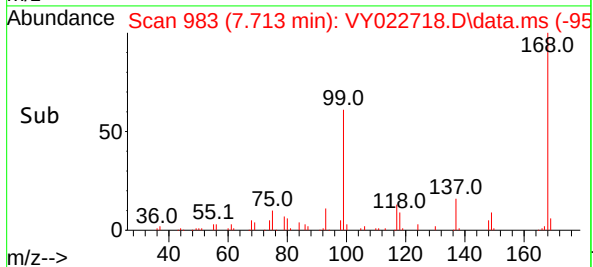
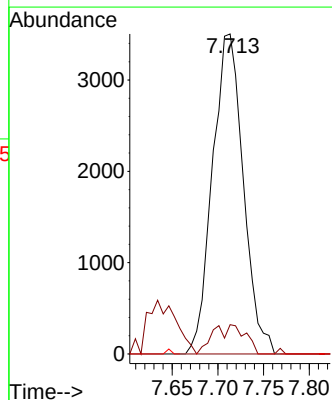
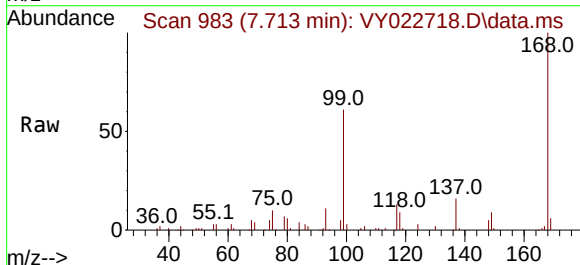
#35
Dibromofluoromethane
Concen: 50.205 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

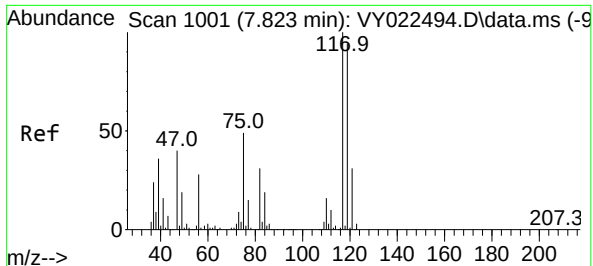
Tgt Ion:113 Resp: 47880
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 17.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

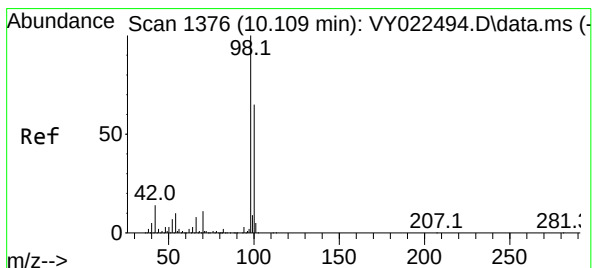
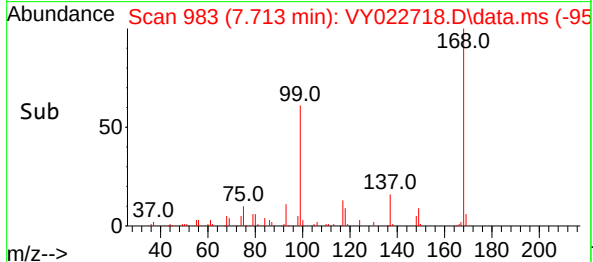
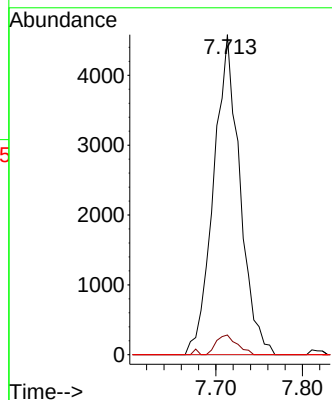
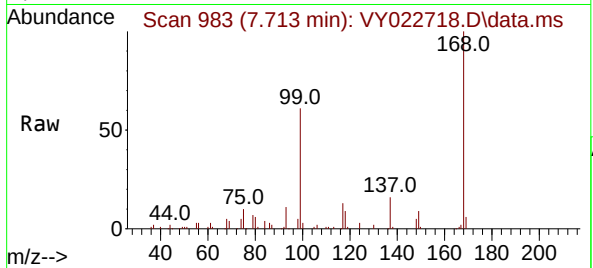
Tgt Ion: 75 Resp: 8216
Ion Ratio Lower Upper
75 100
110 4.2 16.9 50.7#
77 0.0 24.8 37.2#





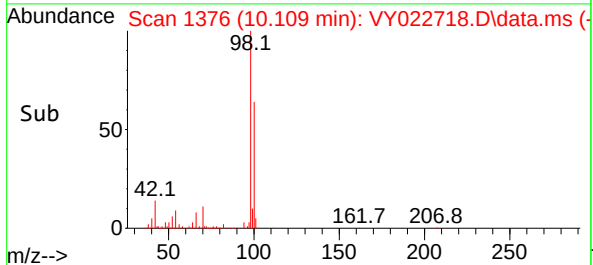
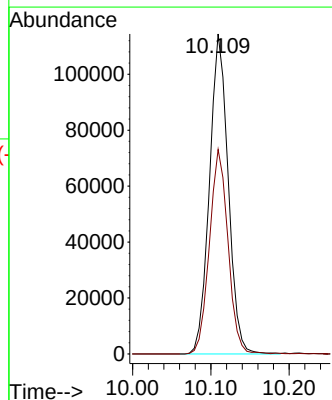
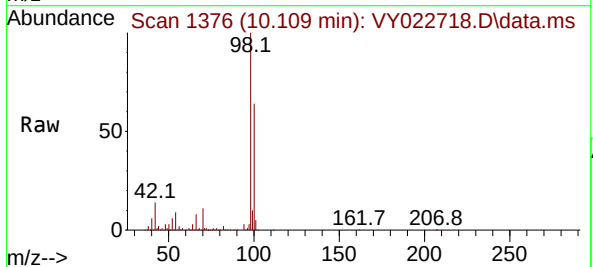
#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

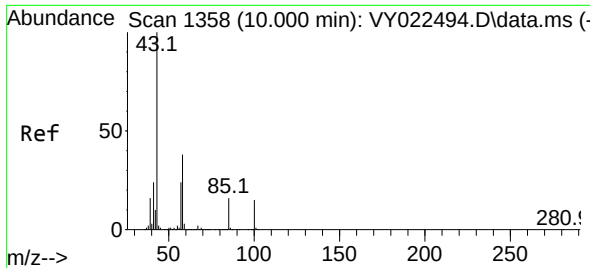
Tgt Ion:117 Resp: 9660
Ion Ratio Lower Upper
117 100
119 6.2 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

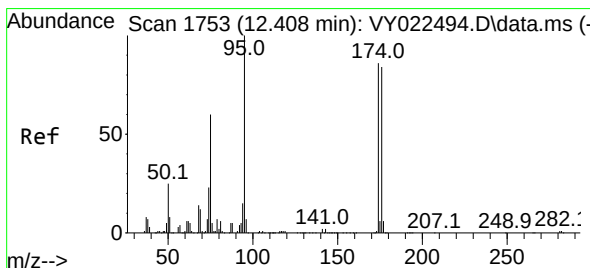
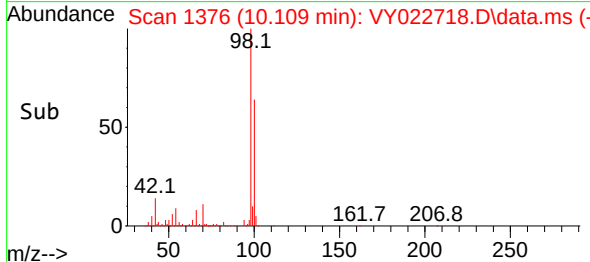
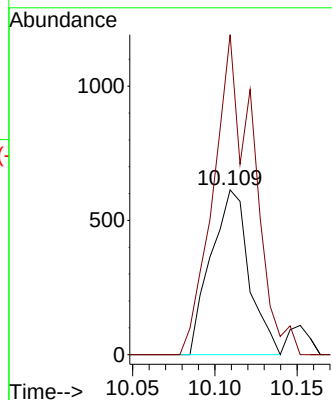
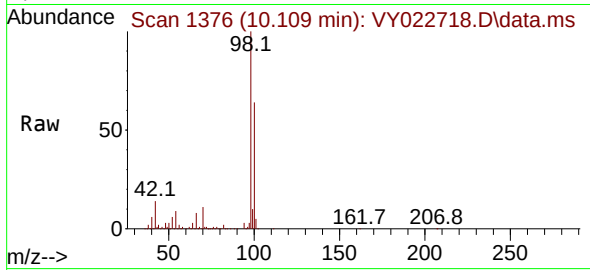
Tgt Ion: 98 Resp: 189635
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0





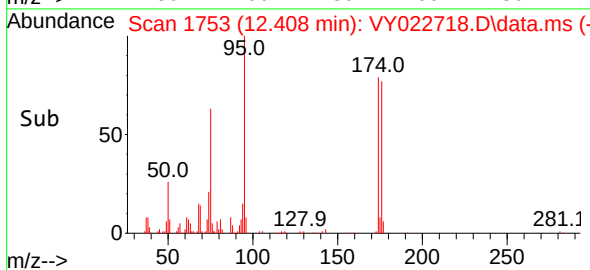
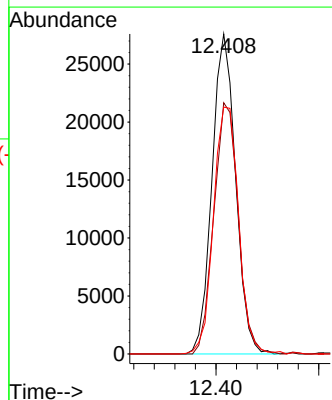
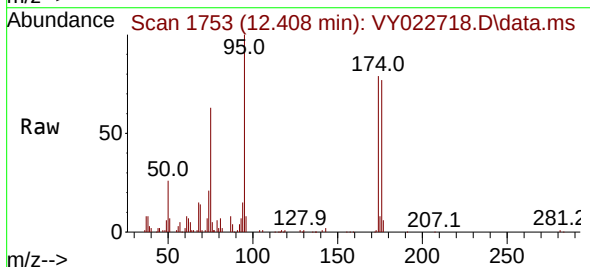
#51
4-Methyl-2-Pentanone
Concen: 1.332 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

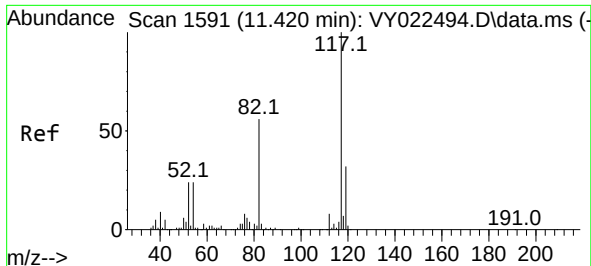
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 203.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 38.328 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

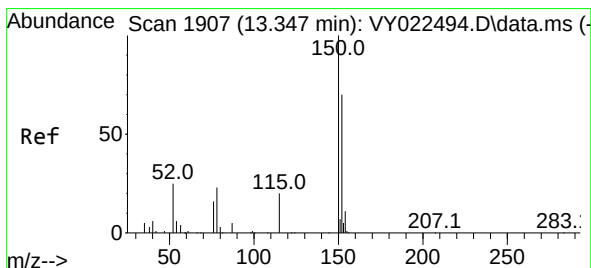
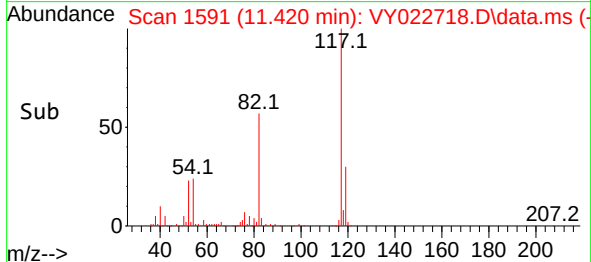
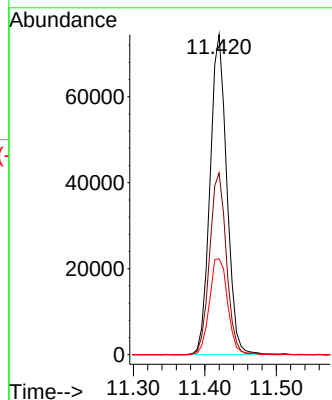
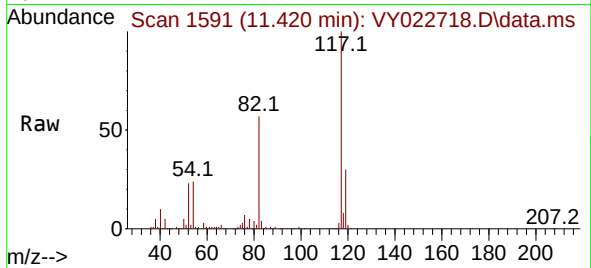
Tgt Ion: 95 Resp: 44007
Ion Ratio Lower Upper
95 100
174 81.1 0.0 170.0
176 82.3 0.0 166.2





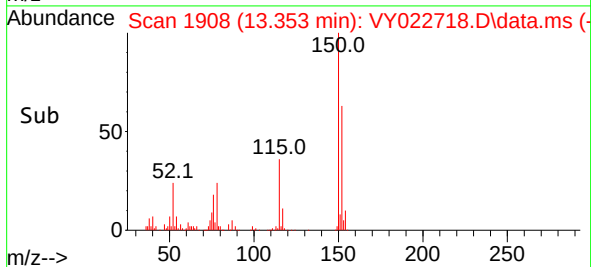
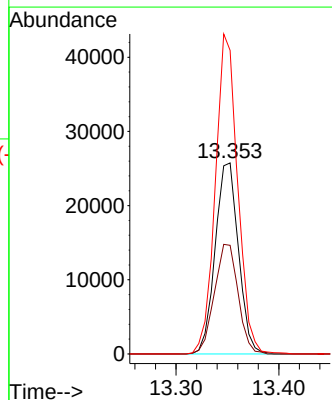
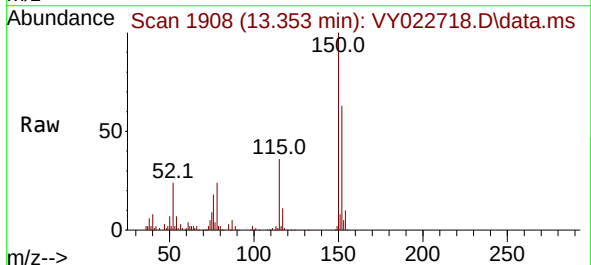
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

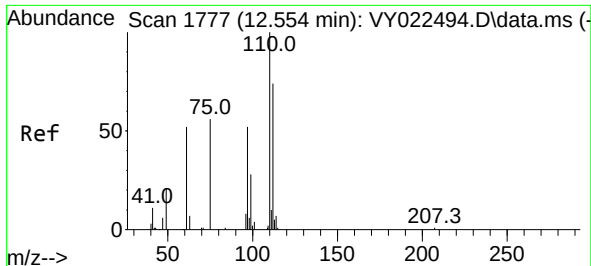
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.6	66.8
119	29.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

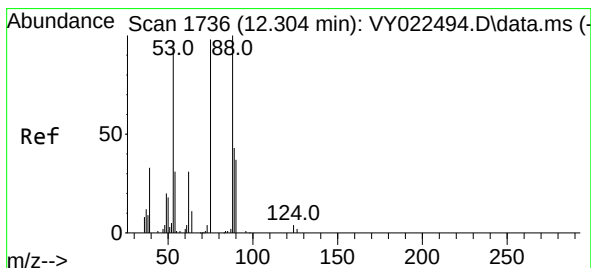
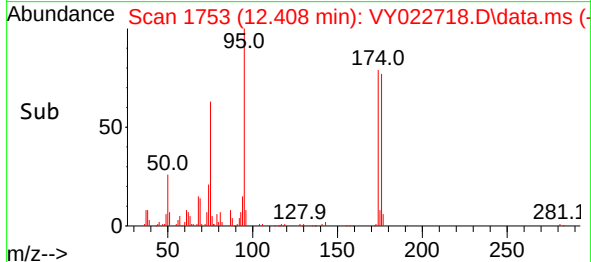
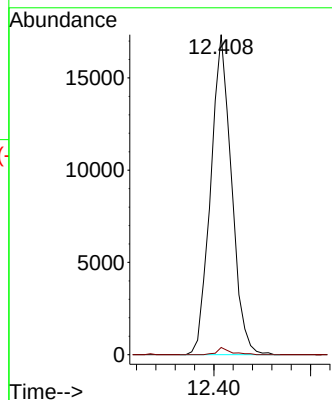
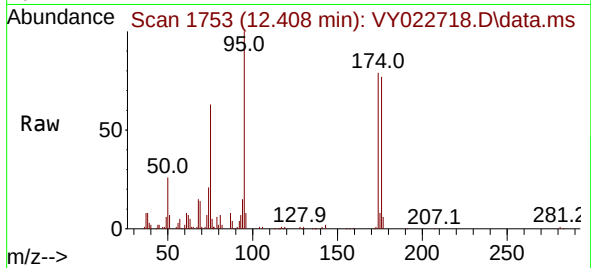
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.7
150	160.7	0.0	349.6





#76
1,2,3-Trichloropropane
Concen: 56.247 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

Tgt Ion: 75 Resp: 25997
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.834 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY022718.D
Acq: 17 Jun 2025 12:51

Tgt Ion: 75 Resp: 25997
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.3 35.7 53.5#

