

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022720.D
 Acq On : 17 Jun 2025 13:38
 Operator : SY/MD
 Sample : Q2340-02
 Misc : 7.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 18 04:41:03 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

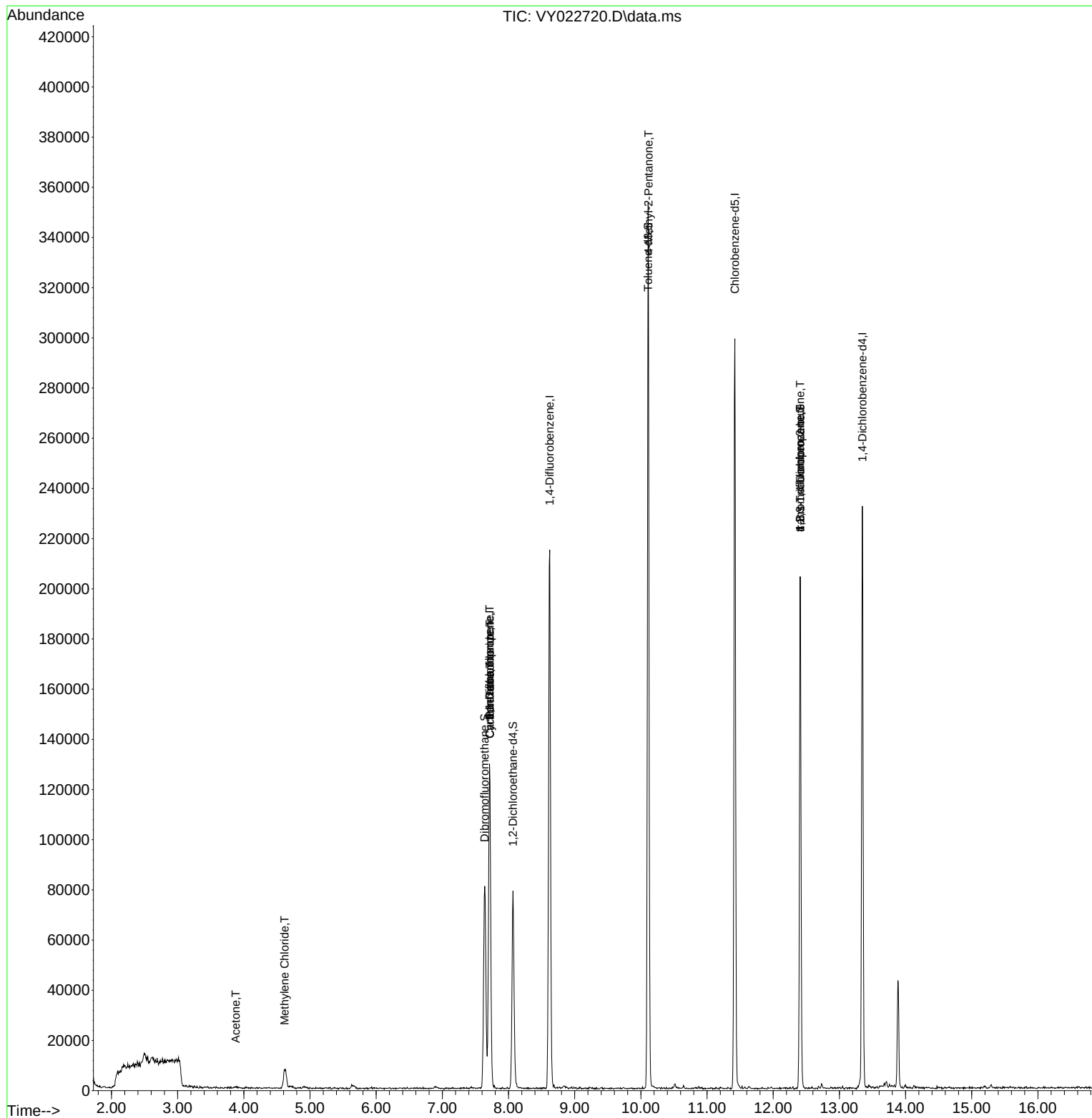
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

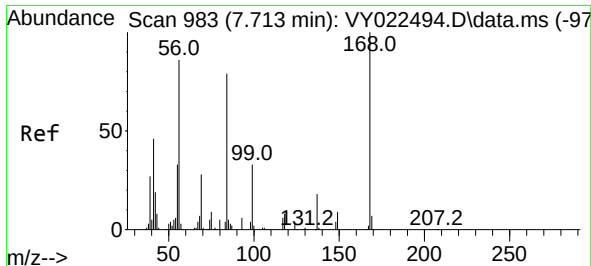
Internal Standards						
1) Pentafluorobenzene	7.713	168	93928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	179675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	147128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	57898	55.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.220%	
35) Dibromofluoromethane	7.640	113	55522	51.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.540%	
50) Toluene-d8	10.109	98	216897	50.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.408	95	53539	41.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1045	4.898	ug/l #	45
20) Methylene Chloride	4.616	84	5511	4.547	ug/l #	92
31) Cyclohexane	7.719	56	3062	1.517	ug/l #	47
36) 1,1-Dichloropropene	7.713	75	8513	4.891	ug/l #	51
38) Carbon Tetrachloride	7.719	117	10350	5.796	ug/l #	16
51) 4-Methyl-2-Pentanone	10.115	43	1242	1.486	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	32188	51.798	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32188	125.088	ug/l #	11

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

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ALS Vial : 10 Sample Multiplier: 1

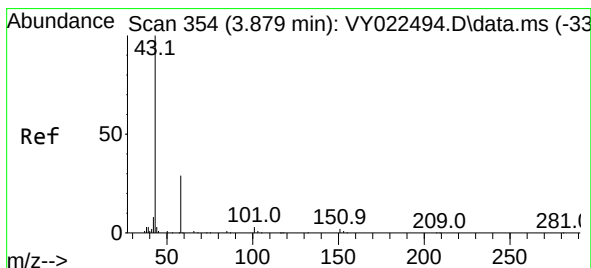
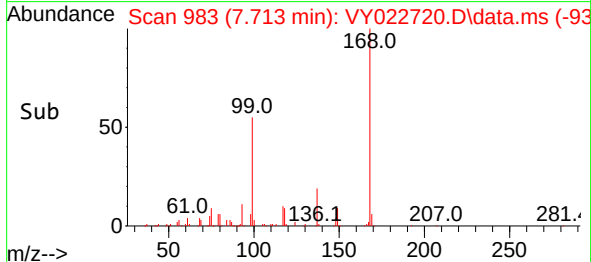
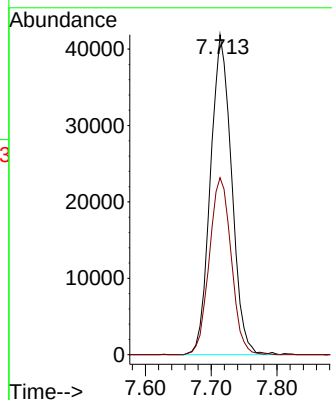
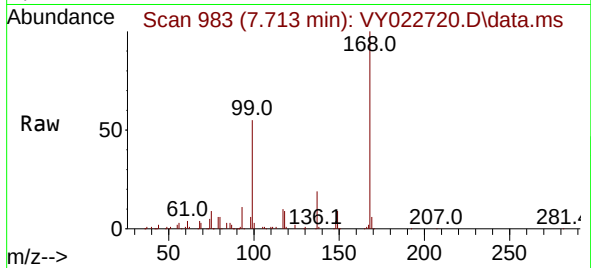
Quant Time: Jun 18 04:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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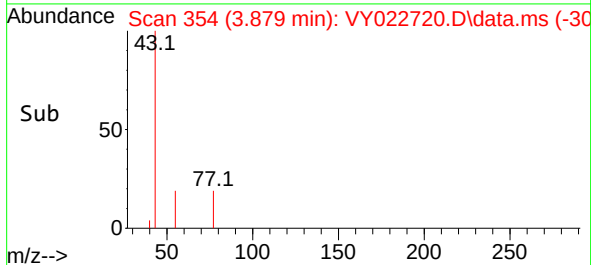
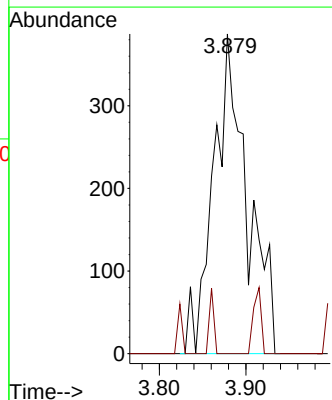
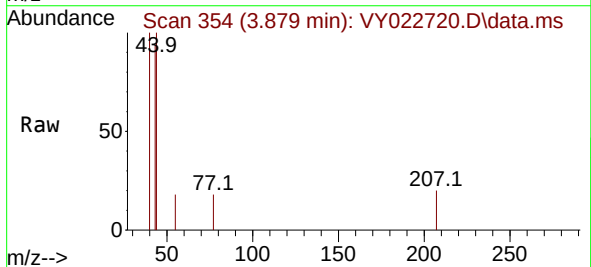
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

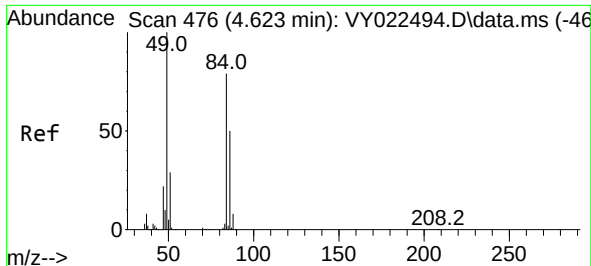
Tgt Ion:168 Resp: 93928
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#16
Acetone
Concen: 4.898 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

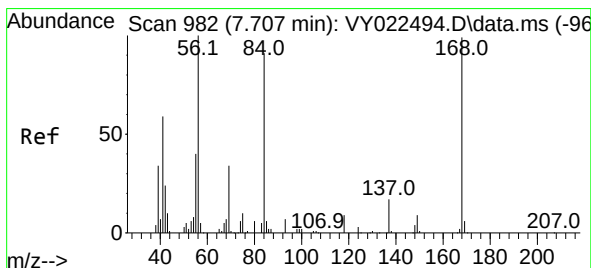
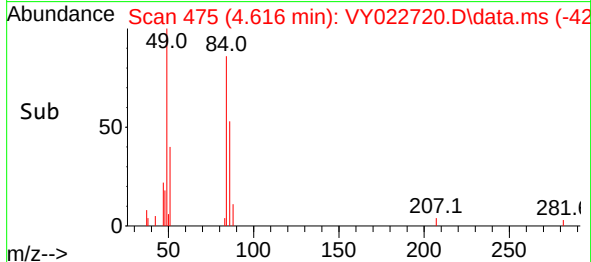
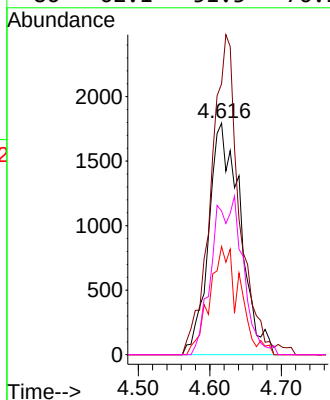
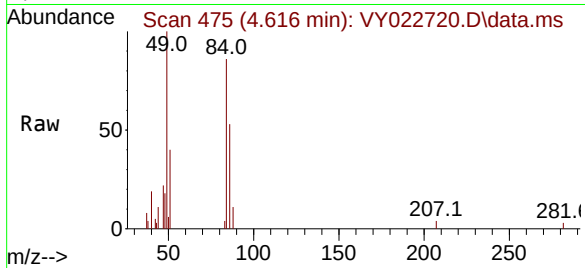
Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#





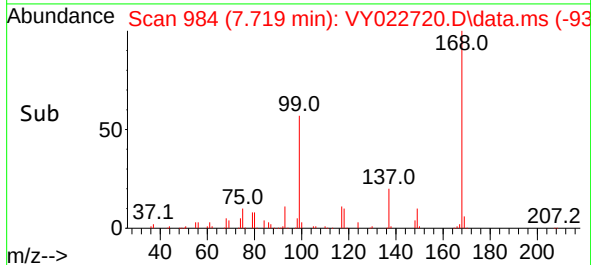
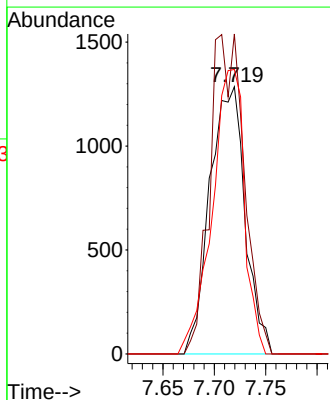
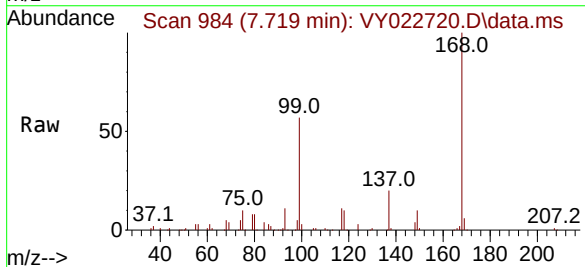
#20
Methylene Chloride
Concen: 4.547 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

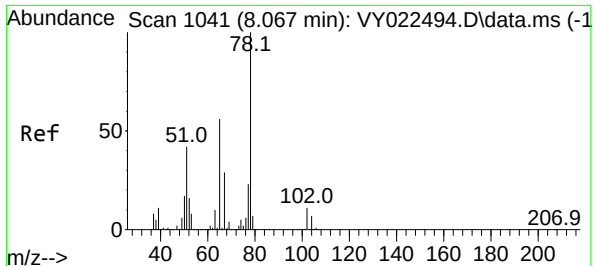
Tgt Ion:	84	Resp:	5511
Ion	Ratio	Lower	Upper
84	100		
49	116.9	101.9	152.9
51	46.7	29.8	44.8#
86	62.1	51.3	76.9



#31
Cyclohexane
Concen: 1.517 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

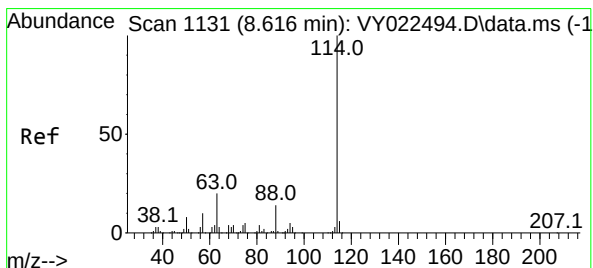
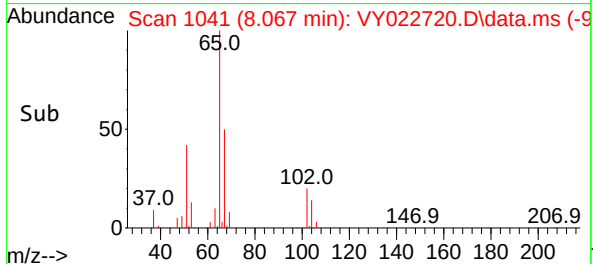
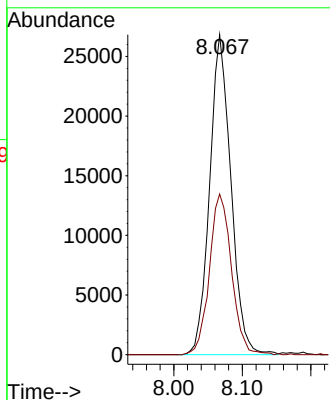
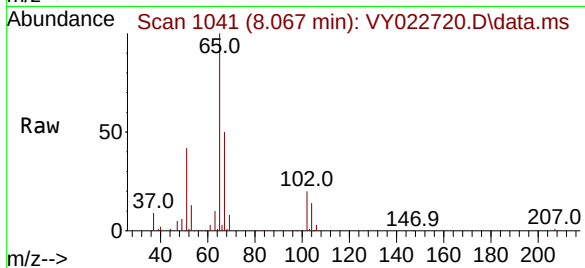
Tgt Ion:	56	Resp:	3062
Ion	Ratio	Lower	Upper
56	100		
69	119.8	27.0	40.6#
84	106.5	72.6	109.0





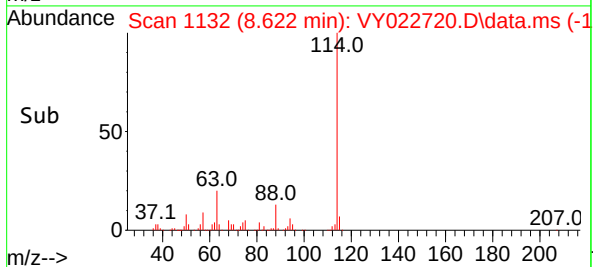
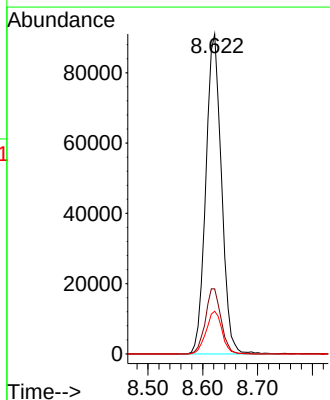
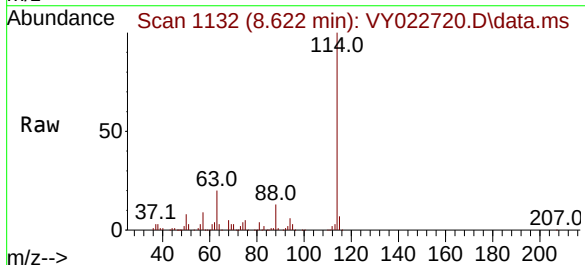
#33
1,2-Dichloroethane-d4
Concen: 55.113 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

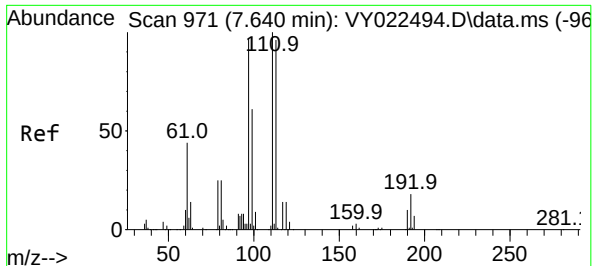
Tgt Ion: 65 Resp: 57898
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

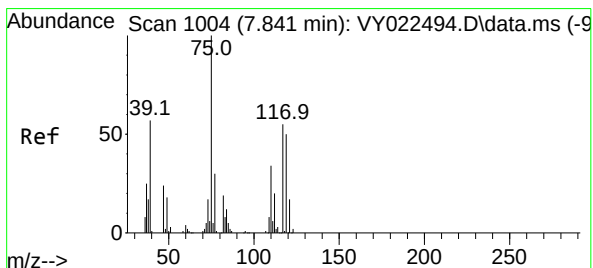
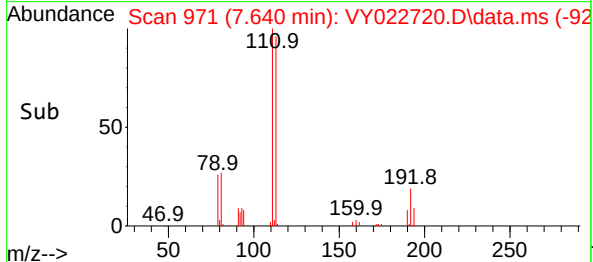
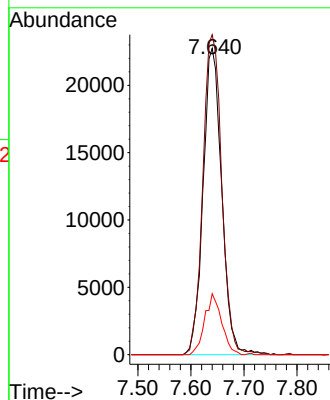
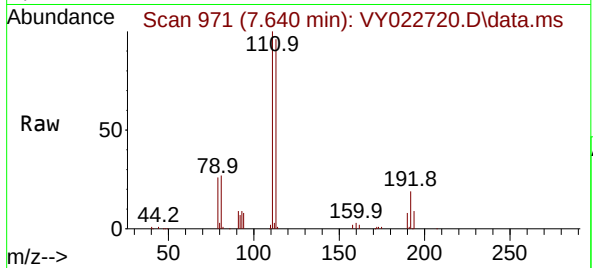
Tgt Ion: 114 Resp: 179675
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 13.4 0.0 27.8





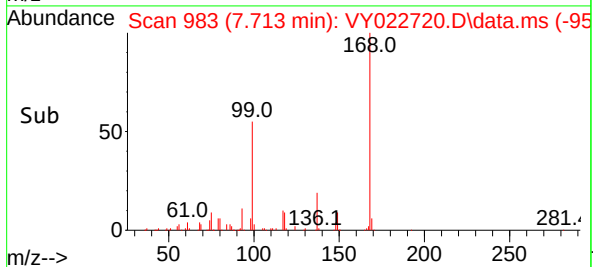
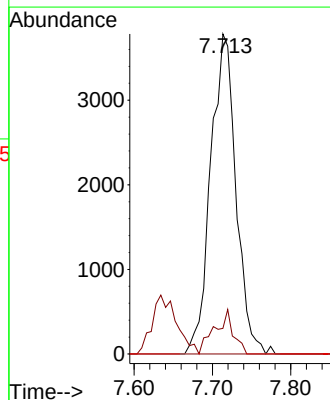
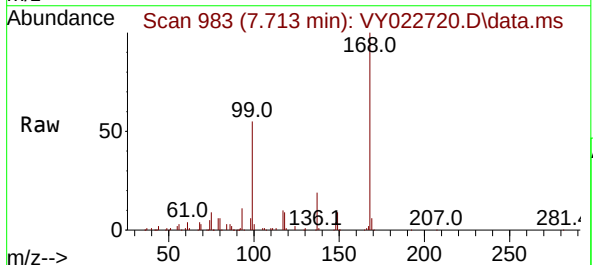
#35
Dibromofluoromethane
Concen: 51.771 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

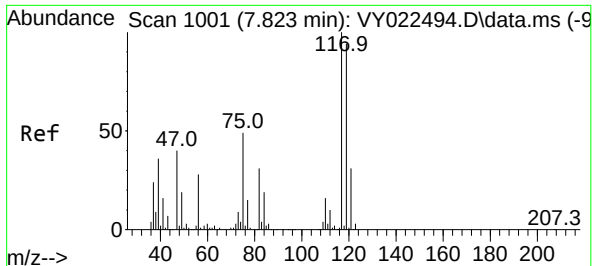
Tgt Ion: 113 Resp: 55522
Ion Ratio Lower Upper
113 100
111 106.1 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

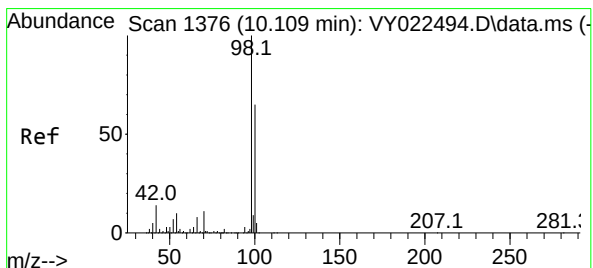
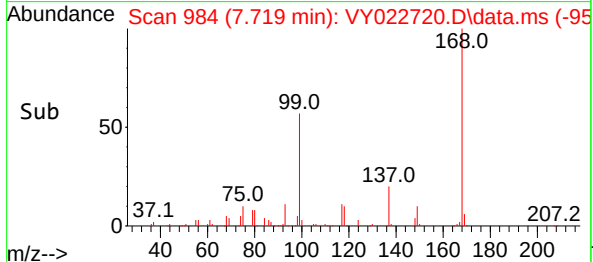
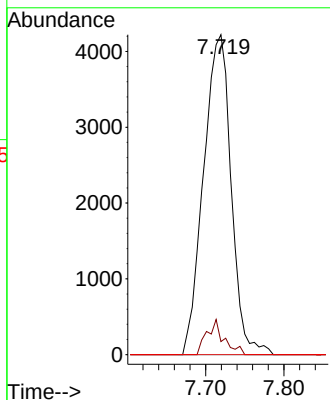
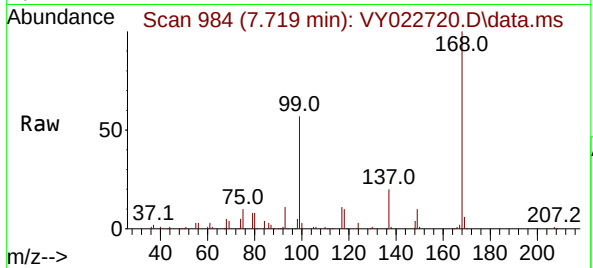
Tgt Ion: 75 Resp: 8513
Ion Ratio Lower Upper
75 100
110 10.1 16.9 50.7#
77 0.0 24.8 37.2#





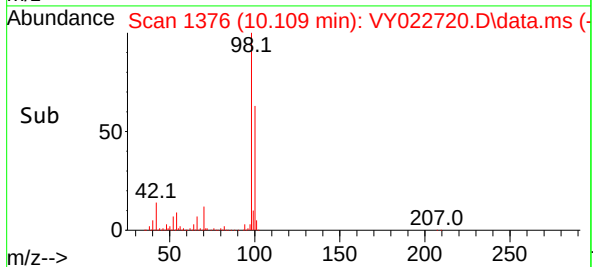
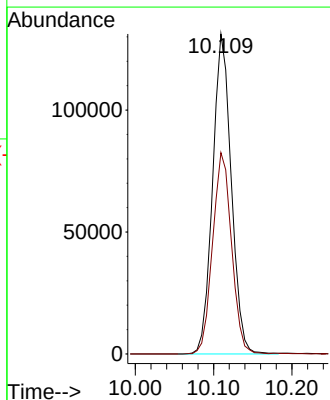
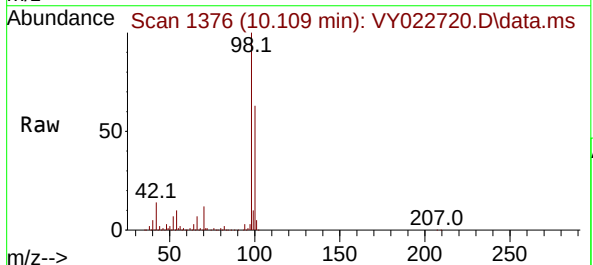
#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

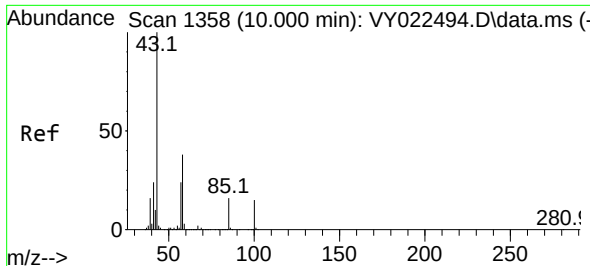
Tgt Ion:117 Resp: 10350
Ion Ratio Lower Upper
117 100
119 4.1 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

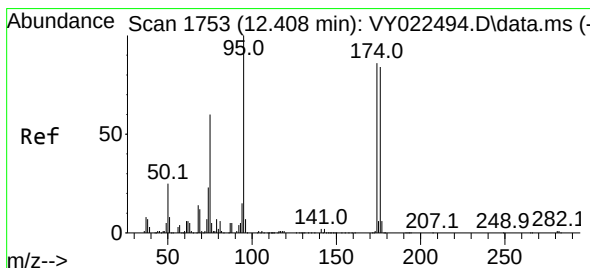
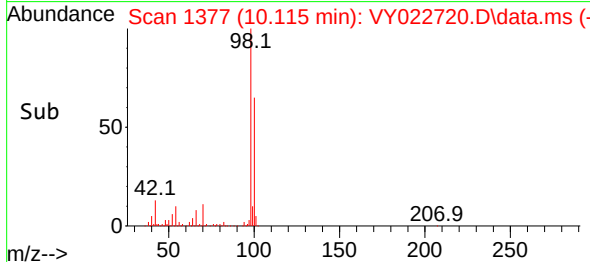
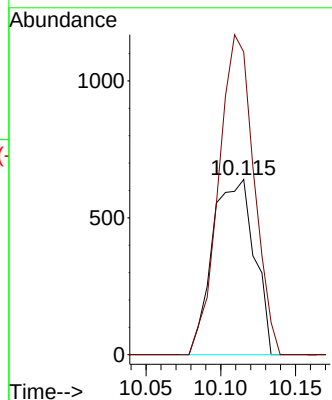
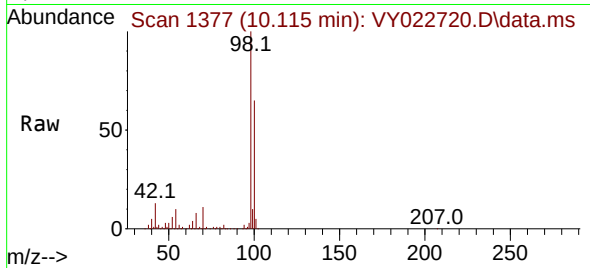
Tgt Ion: 98 Resp: 216897
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





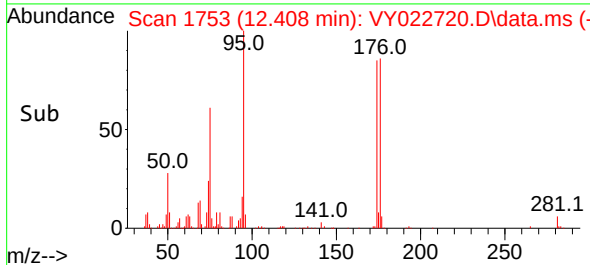
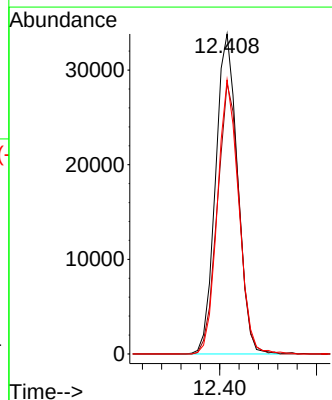
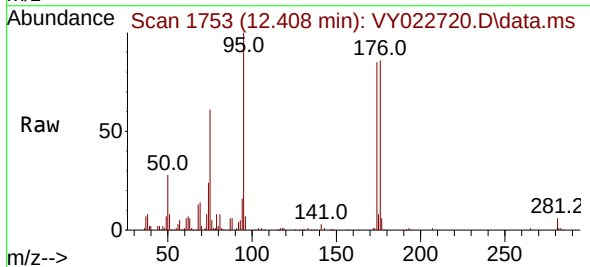
#51
4-Methyl-2-Pentanone
Concen: 1.486 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.116 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

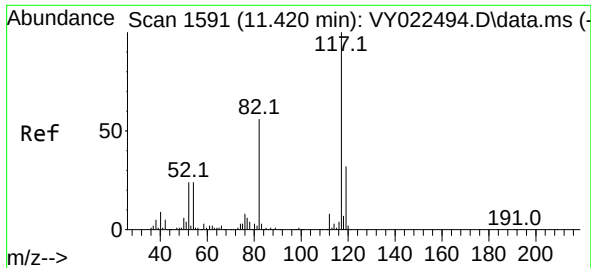
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 154.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 41.467 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

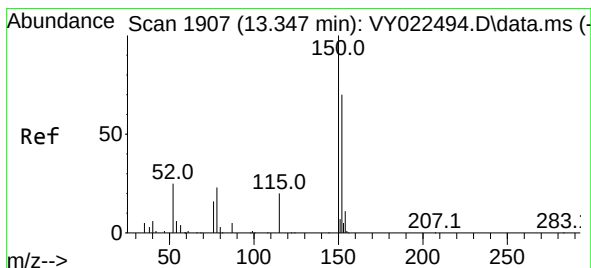
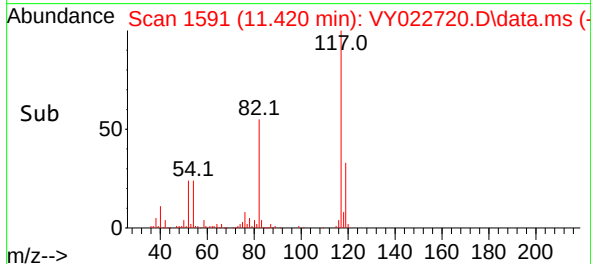
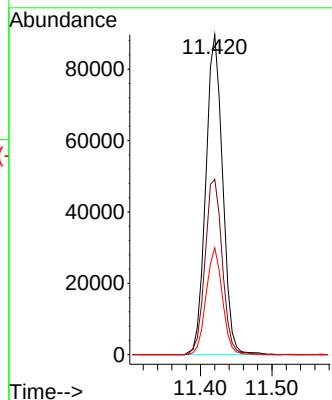
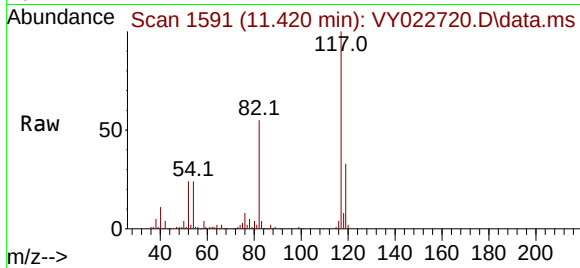
Tgt Ion: 95 Resp: 53539
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.0
176 82.6 0.0 166.2





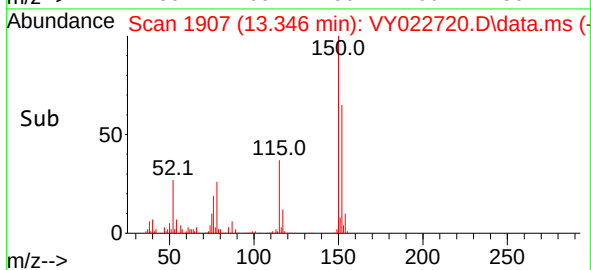
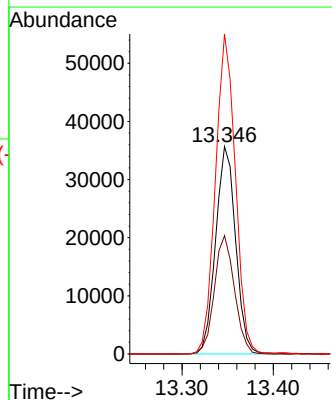
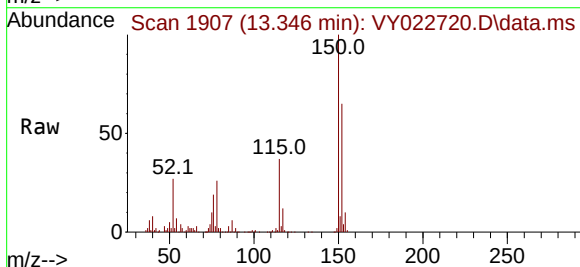
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

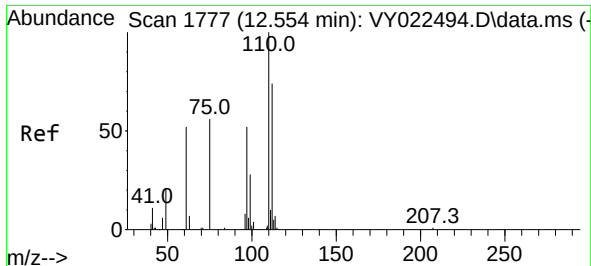
Tgt Ion:	117	Resp:	147128
Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.6	66.8
119	33.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

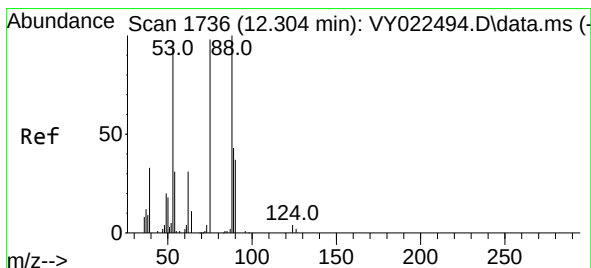
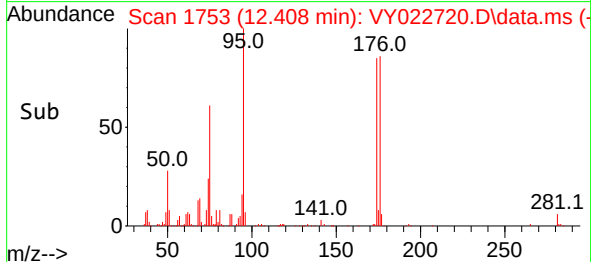
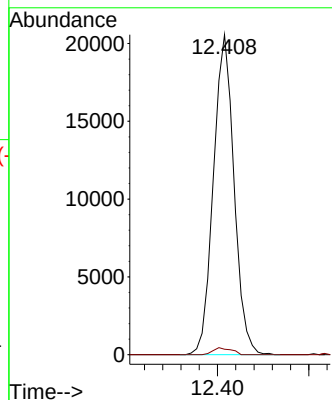
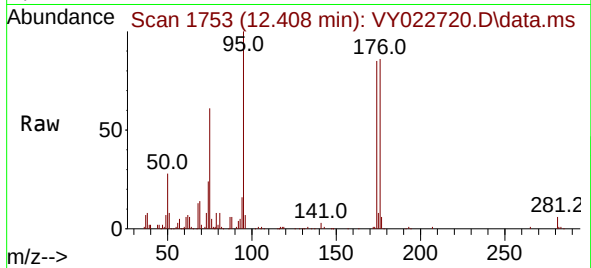
Tgt Ion:	152	Resp:	54318
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.9	86.7
150	153.7	0.0	349.6





#76
1,2,3-Trichloropropane
Concen: 51.798 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

Tgt Ion: 75 Resp: 32188
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.088 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022720.D
Acq: 17 Jun 2025 13:38

Tgt Ion: 75 Resp: 32188
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.3 35.7 53.5#

