

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
 Data File : VY022719.D
 Acq On : 17 Jun 2025 13:14
 Operator : SY/MD
 Sample : Q2336-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 18 04:40:44 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

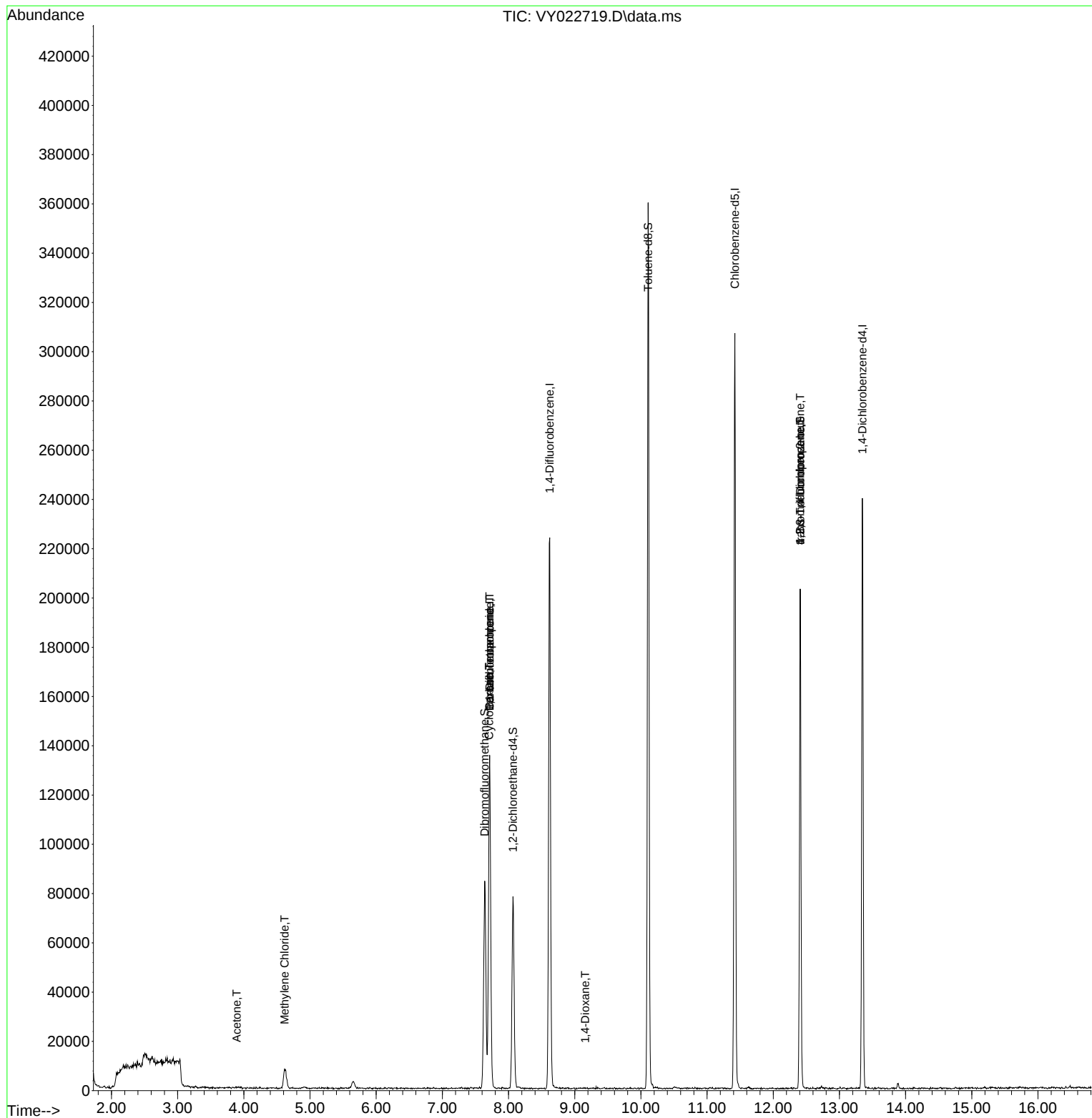
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	99565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	182566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	151714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	58484	52.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.040%	
35) Dibromofluoromethane	7.640	113	57209	52.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.000%	
50) Toluene-d8	10.109	98	226051	51.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.407	95	53382	40.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	381	1.685	ug/l	92
20) Methylene Chloride	4.616	84	5103	3.972	ug/l	91
31) Cyclohexane	7.707	56	2916	1.363	ug/l #	32
36) 1,1-Dichloropropene	7.713	75	9020	5.100	ug/l #	50
38) Carbon Tetrachloride	7.713	117	10040	5.534	ug/l #	17
49) 1,4-Dioxane	9.158	88	19	2.309	ug/l #	24
76) 1,2,3-Trichloropropane	12.407	75	32149	51.736	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	32149	124.939	ug/l #	11

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

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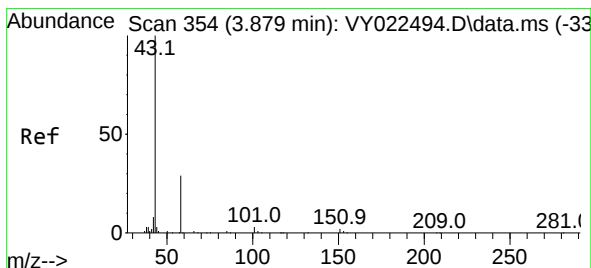
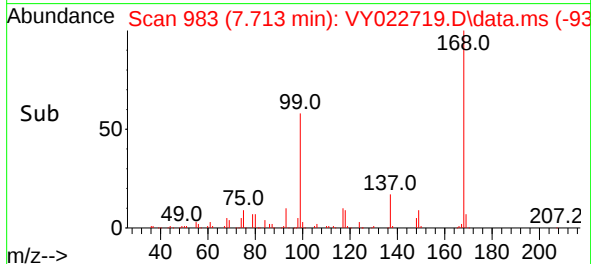
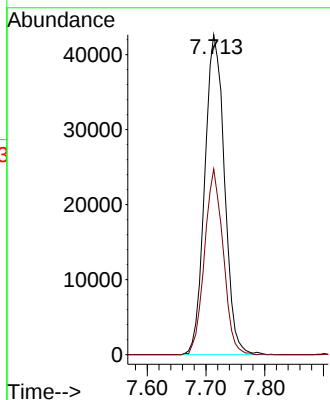
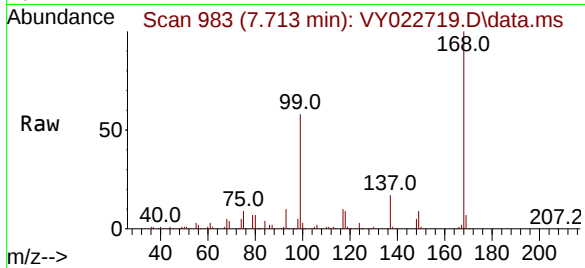
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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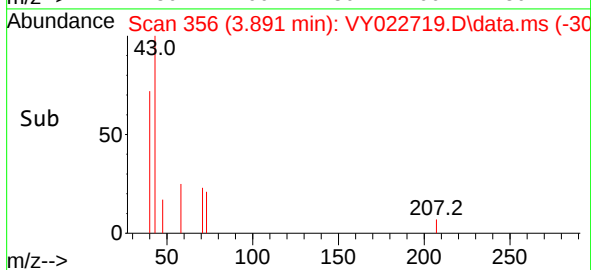
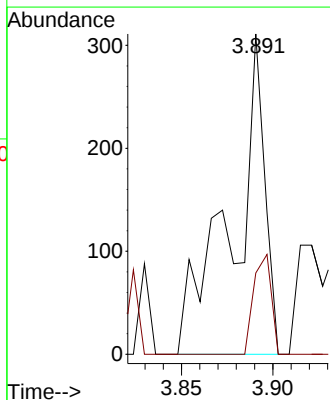
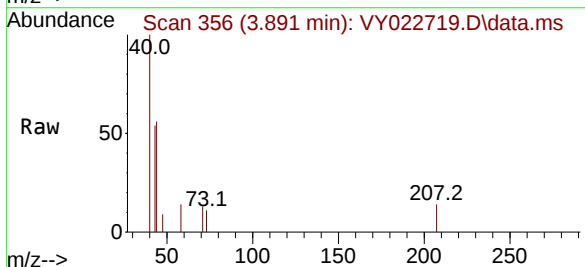
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

Tgt Ion:168 Resp: 99565
Ion Ratio Lower Upper
168 100
99 58.0 44.3 66.5



#16
Acetone
Concen: 1.685 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

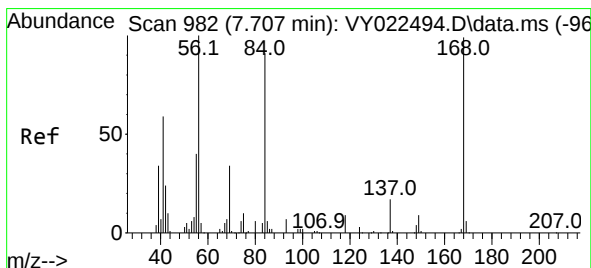
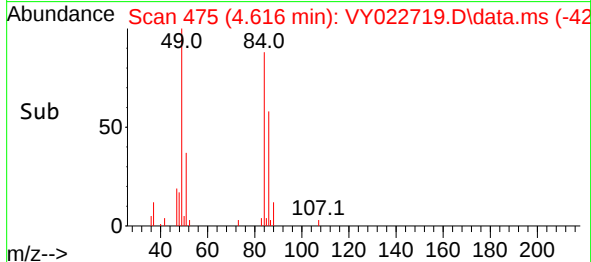
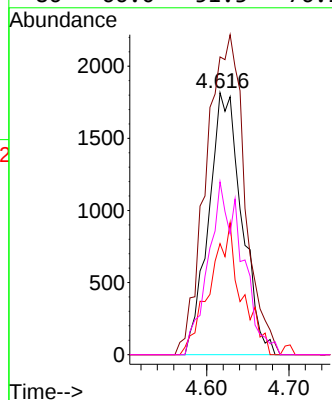
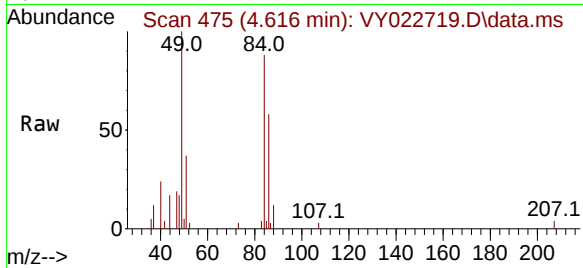
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 25.4 24.0 36.0





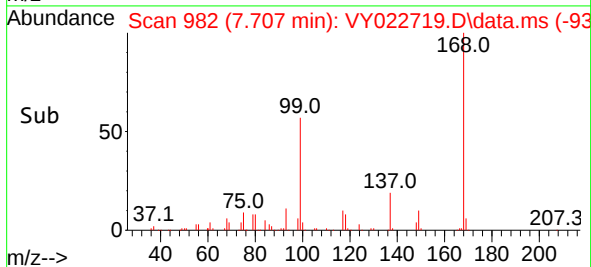
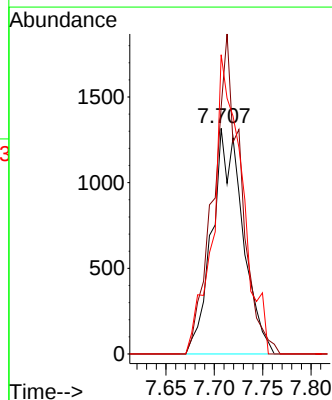
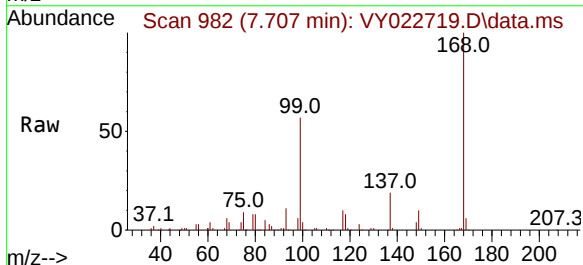
#20
Methylene Chloride
Concen: 3.972 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

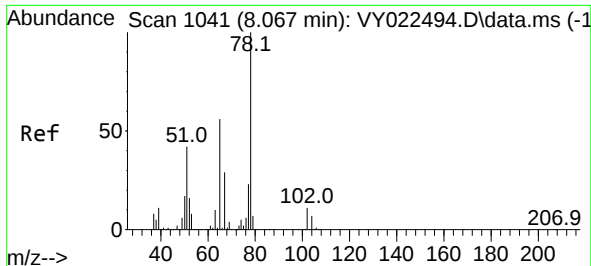
Tgt Ion:	84	Resp:	5103
Ion	Ratio	Lower	Upper
84	100		
49	113.7	101.9	152.9
51	42.4	29.8	44.8
86	66.0	51.3	76.9



#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

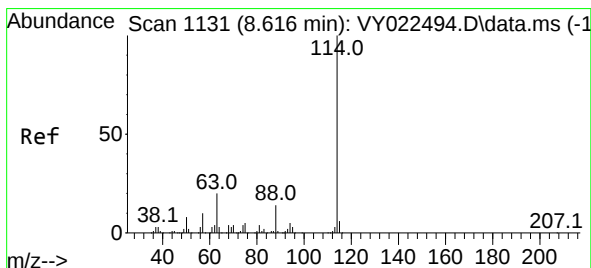
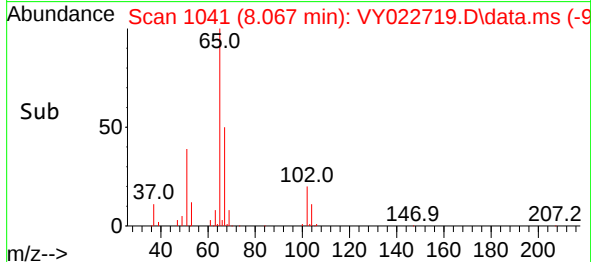
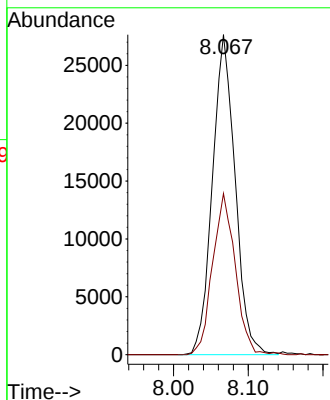
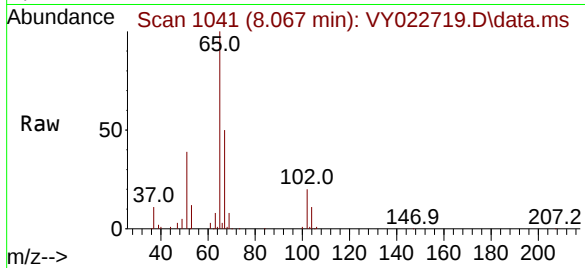
Tgt Ion:	56	Resp:	2916
Ion	Ratio	Lower	Upper
56	100		
69	109.4	27.0	40.6#
84	132.6	72.6	109.0#





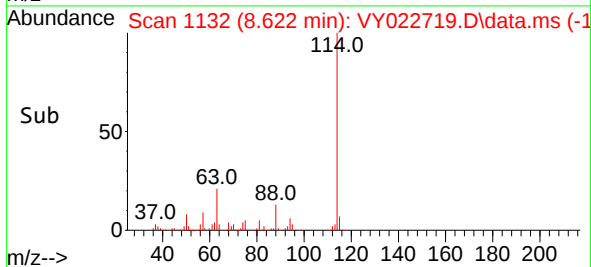
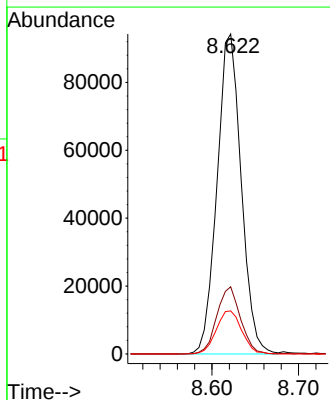
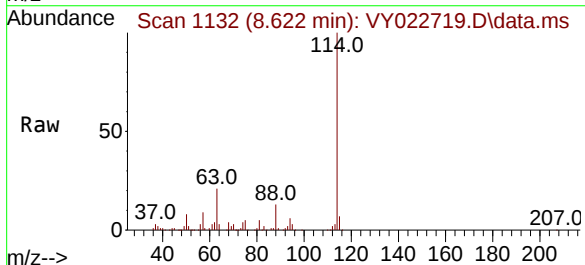
#33
1,2-Dichloroethane-d4
Concen: 52.519 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

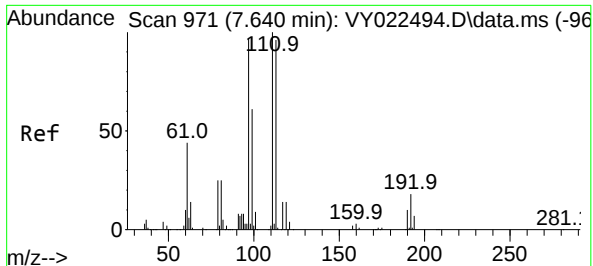
Tgt Ion: 65 Resp: 58484
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

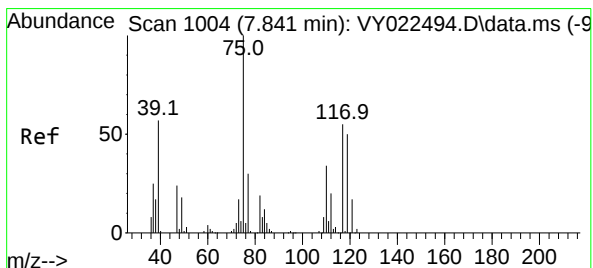
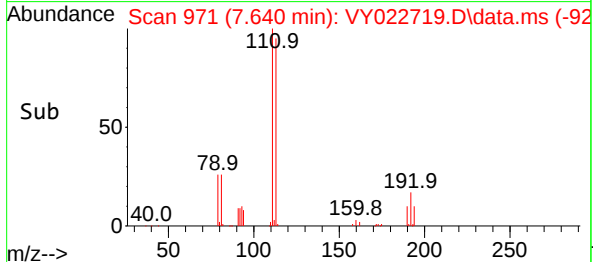
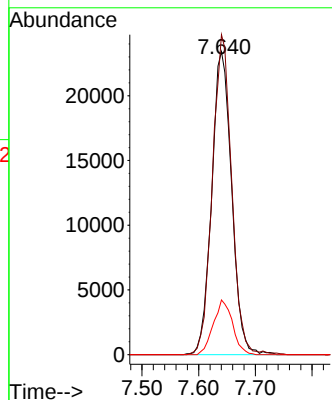
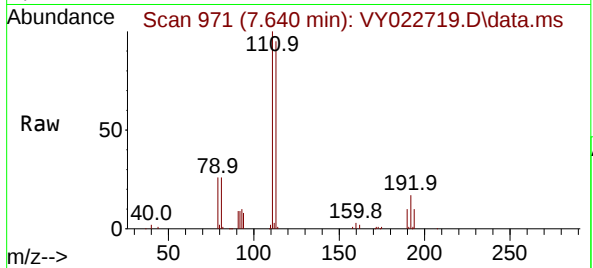
Tgt Ion: 114 Resp: 182566
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 13.5 0.0 27.8





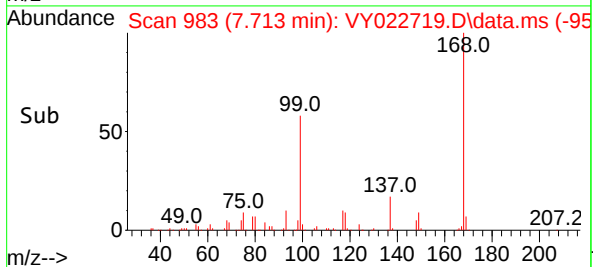
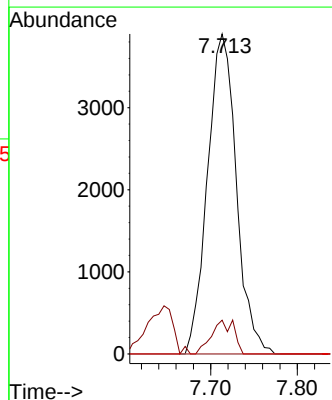
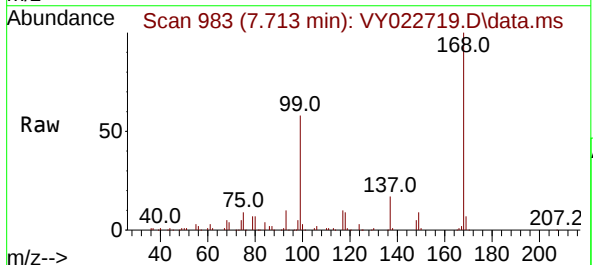
#35
Dibromofluoromethane
Concen: 52.500 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

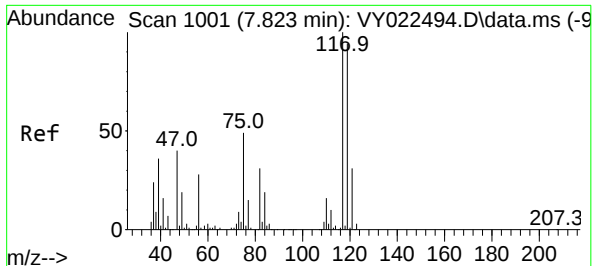
Tgt Ion:113 Resp: 57209
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 17.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.100 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

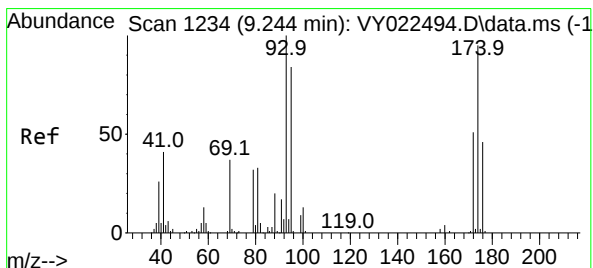
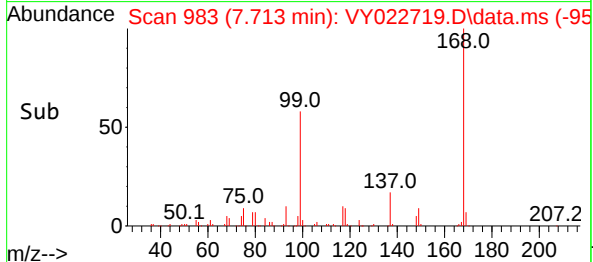
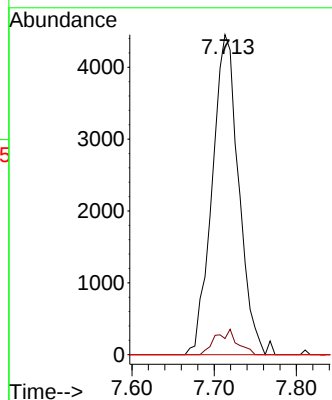
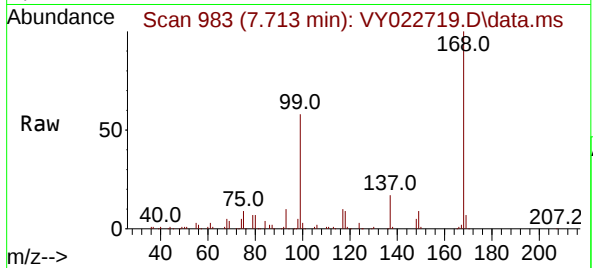
Tgt Ion: 75 Resp: 9020
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 24.8 37.2#





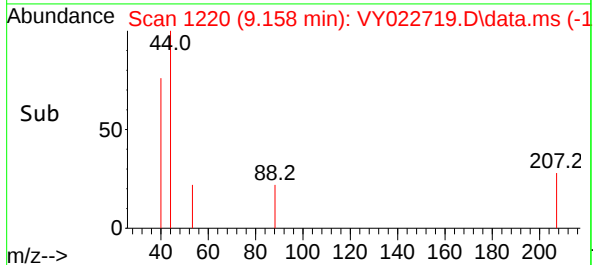
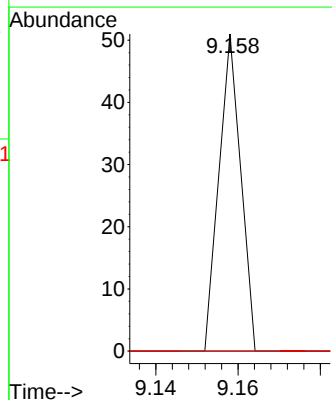
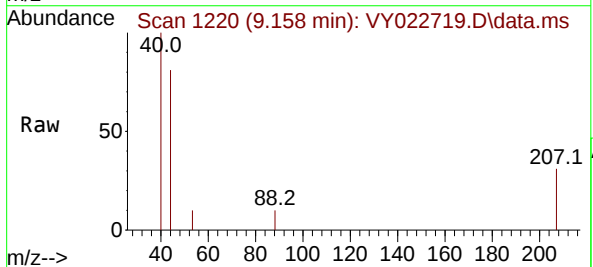
#38
Carbon Tetrachloride
Concen: 5.534 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

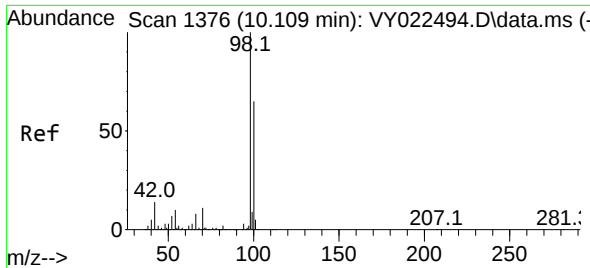
Tgt Ion: 117 Resp: 10040
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.6#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 2.309 ug/l
RT: 9.158 min Scan# 1220
Delta R.T. -0.086 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

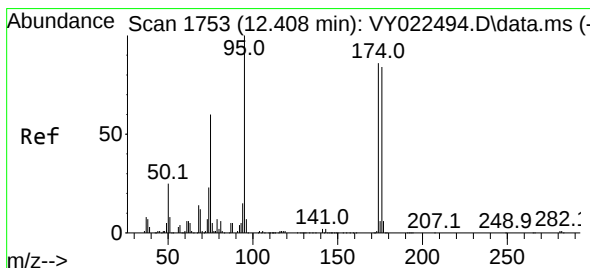
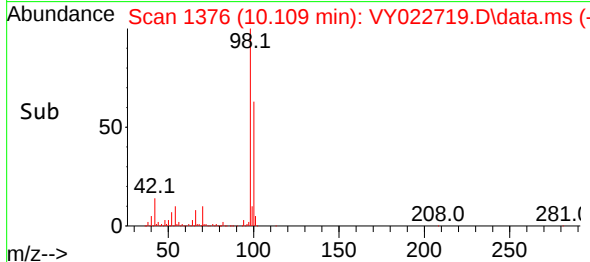
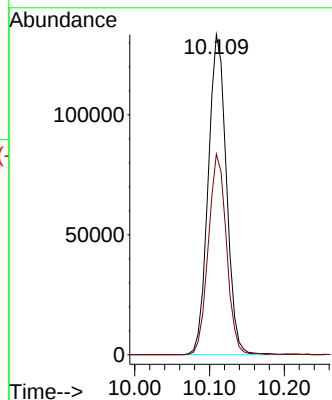
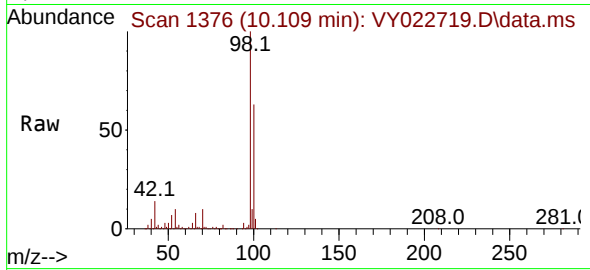
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 54.9 82.3#





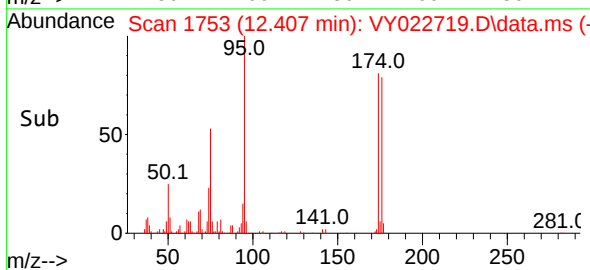
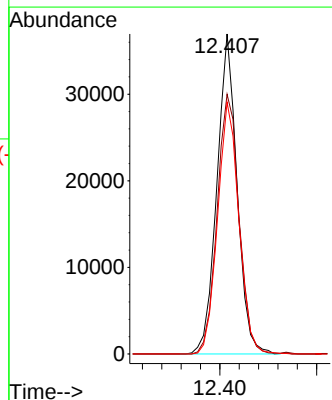
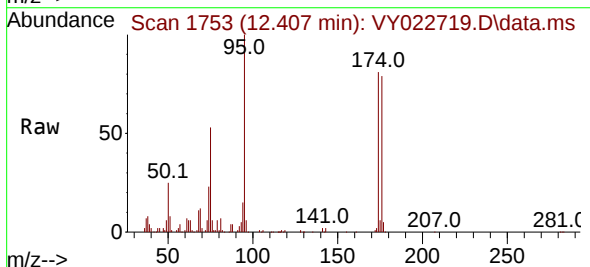
#50
Toluene-d8
Concen: 51.339 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

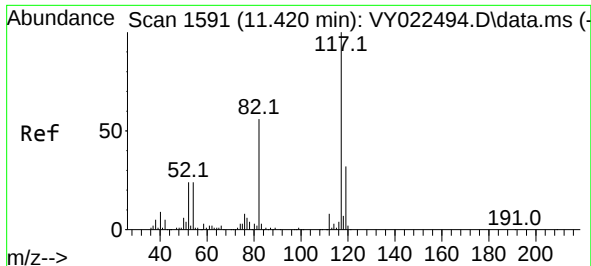
Tgt Ion: 98 Resp: 226051
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.691 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

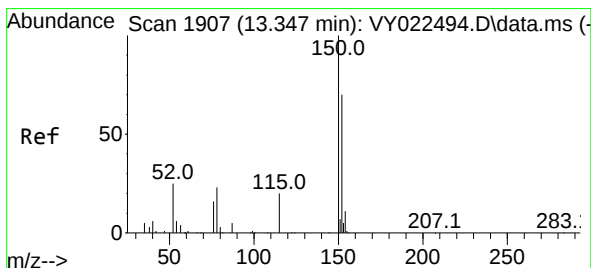
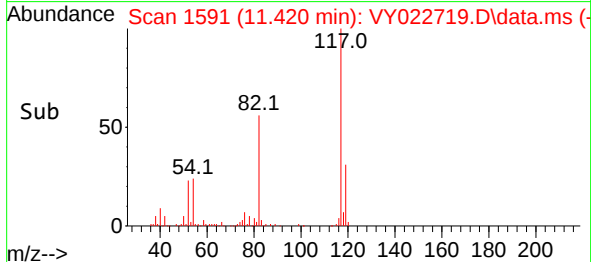
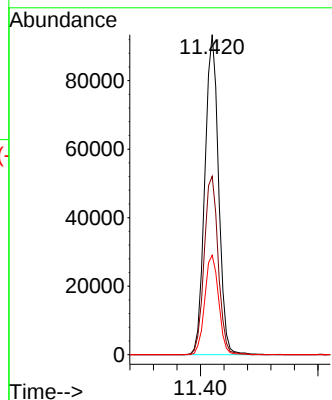
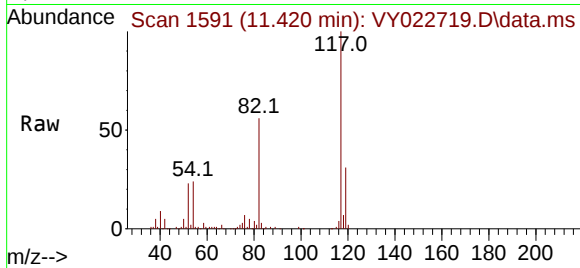
Tgt Ion: 95 Resp: 53382
Ion Ratio Lower Upper
95 100
174 88.0 0.0 170.0
176 83.0 0.0 166.2





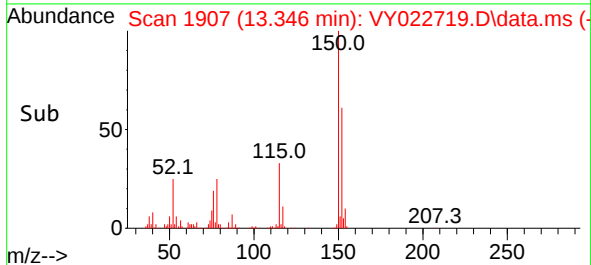
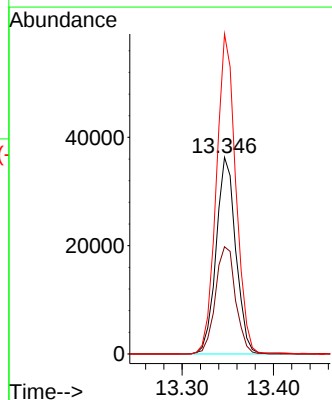
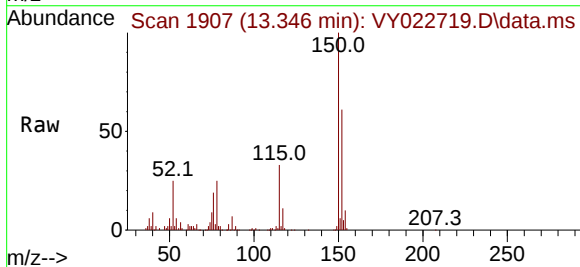
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

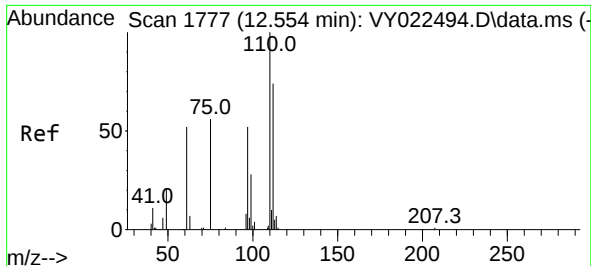
Tgt Ion:	117	Resp:	151714
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	31.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

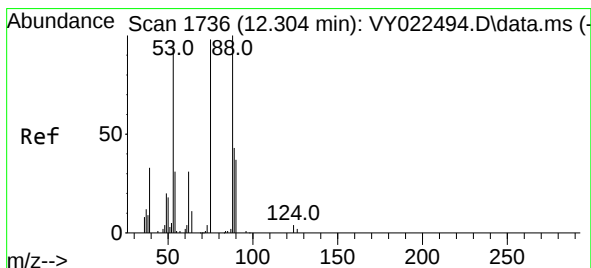
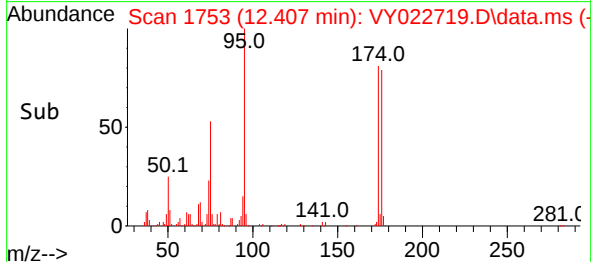
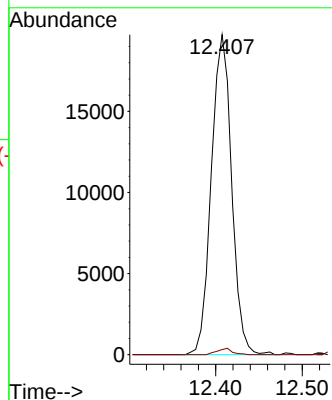
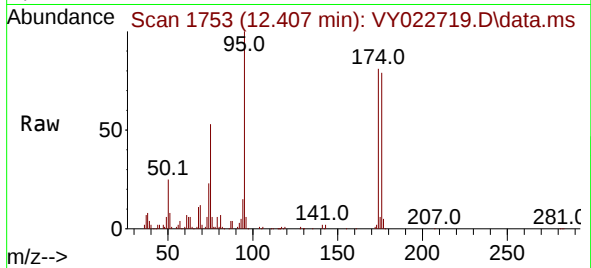
Tgt Ion:	152	Resp:	54317
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.9	86.7
150	160.3	0.0	349.6





#76
1,2,3-Trichloropropane
Concen: 51.736 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

Tgt Ion: 75 Resp: 32149
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.939 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY022719.D
Acq: 17 Jun 2025 13:14

Tgt Ion: 75 Resp: 32149
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#

