

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020818.D
 Acq On : 14 Jan 2025 13:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:28:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

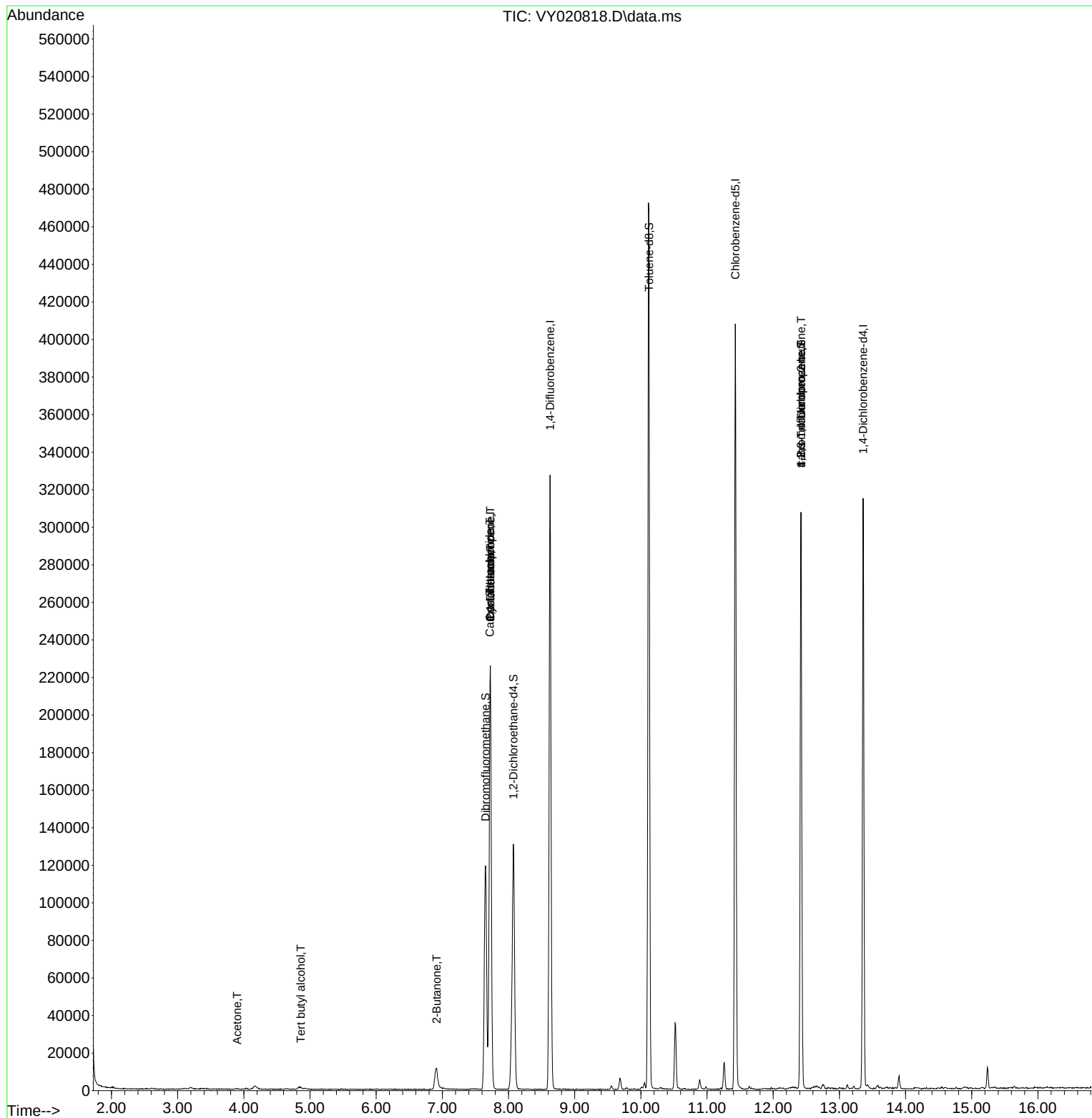
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

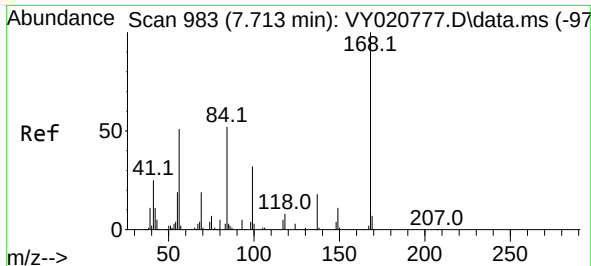
Internal Standards						
1) Pentafluorobenzene	7.726	168	181469	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	287106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	227081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	82381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	91796	59.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.020%	
35) Dibromofluoromethane	7.652	113	88831	49.386	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.780%	
50) Toluene-d8	10.121	98	324593	51.767	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	12.420	95	92165	39.803	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	301	2.583	ug/l #	73
16) Acetone	3.897	43	935	4.263	ug/l	95
25) 2-Butanone	6.915	43	404	1.121	ug/l #	45
31) Cyclohexane	7.726	56	3043	1.356	ug/l #	1
36) 1,1-Dichloropropene	7.726	75	12509	5.452	ug/l #	51
38) Carbon Tetrachloride	7.719	117	17493	5.478	ug/l #	17
76) 1,2,3-Trichloropropane	12.420	75	46467	64.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	46467	135.925	ug/l #	14

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

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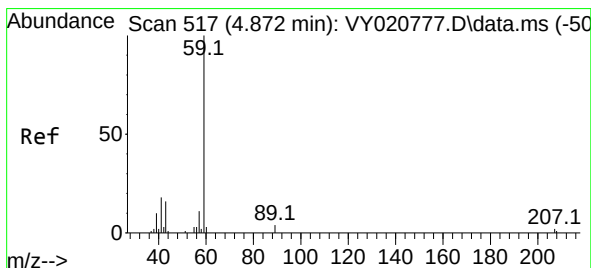
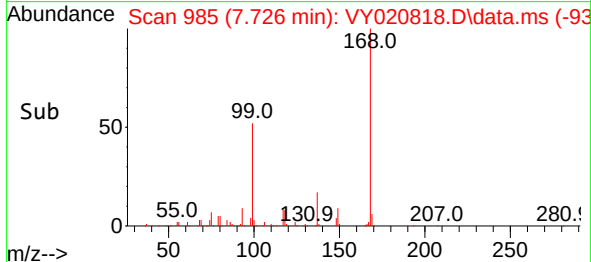
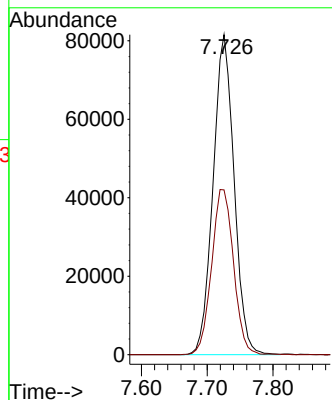
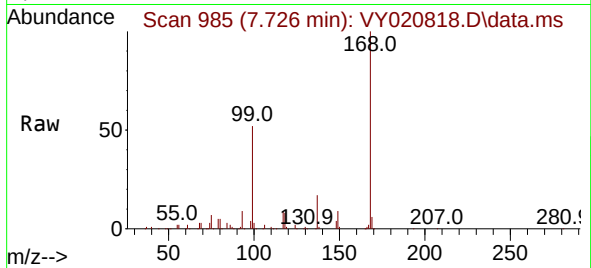
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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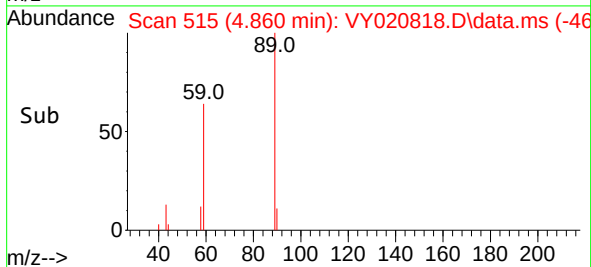
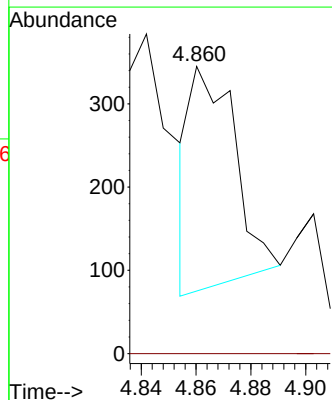
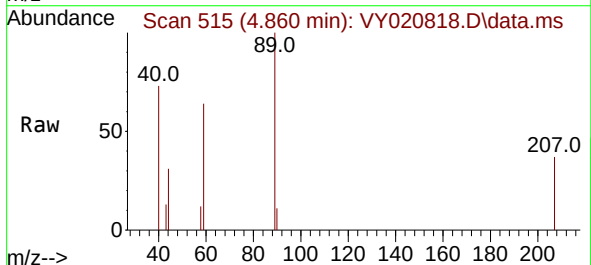
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 985
Delta R.T. 0.013 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

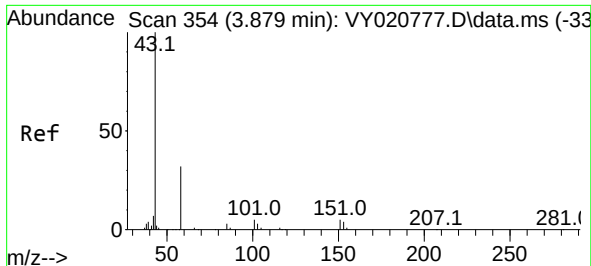
Tgt Ion:168 Resp: 181469
Ion Ratio Lower Upper
168 100
99 51.5 44.3 66.5



#11
Tert butyl alcohol
Concen: 2.583 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

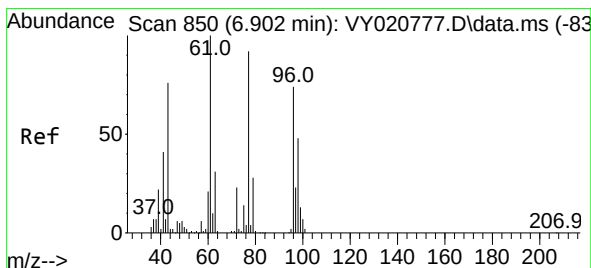
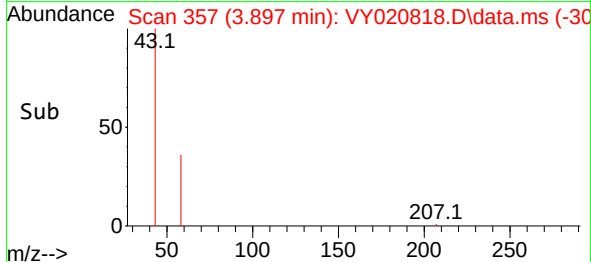
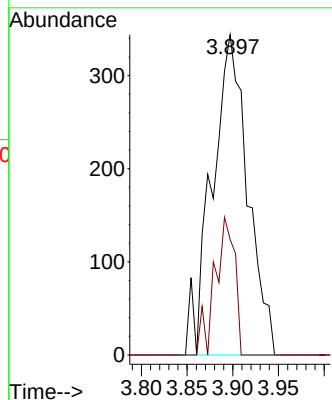
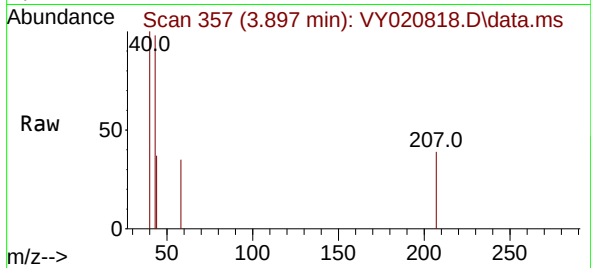
Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





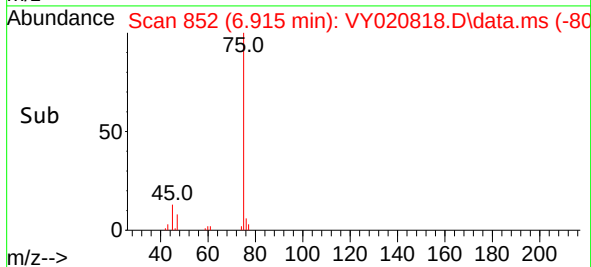
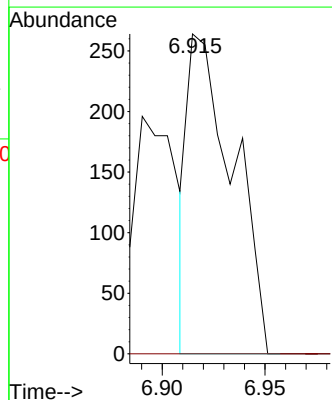
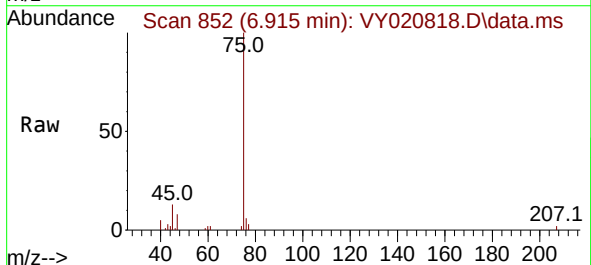
#16
Acetone
Concen: 4.263 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

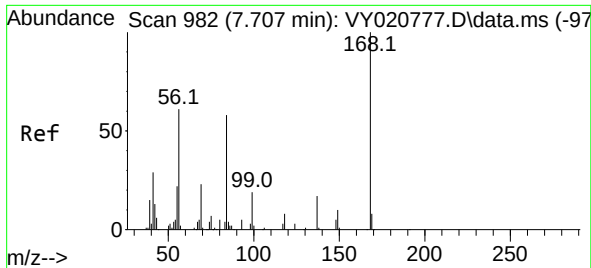
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 36.0 26.7 40.1



#25
2-Butanone
Concen: 1.121 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

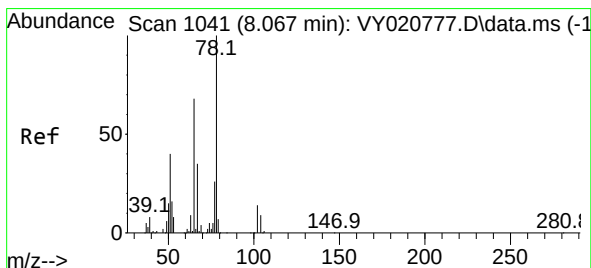
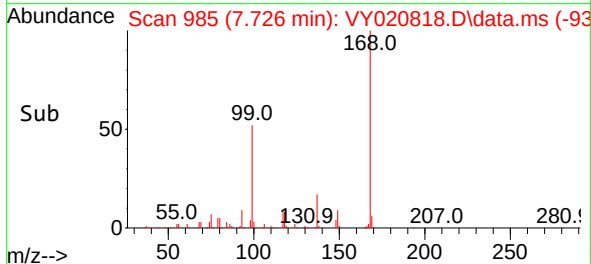
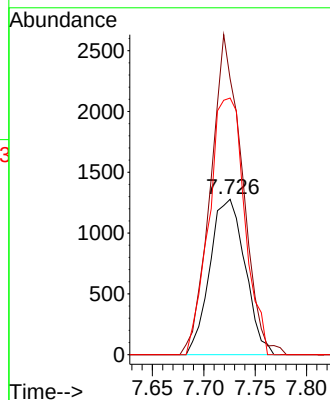
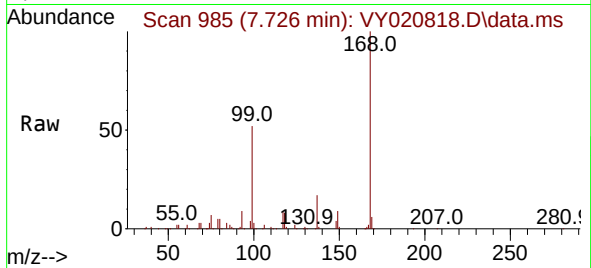
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#





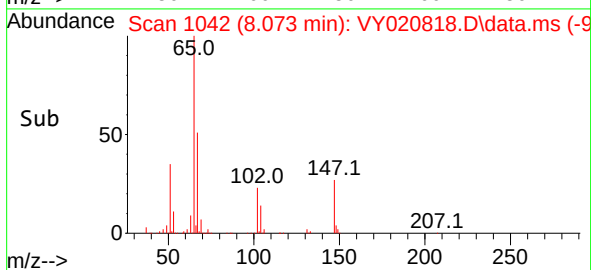
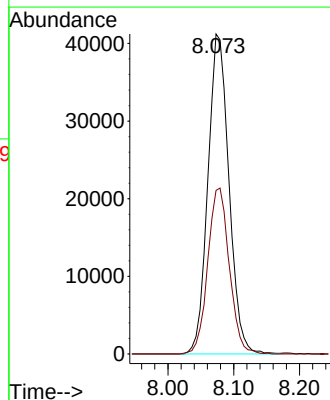
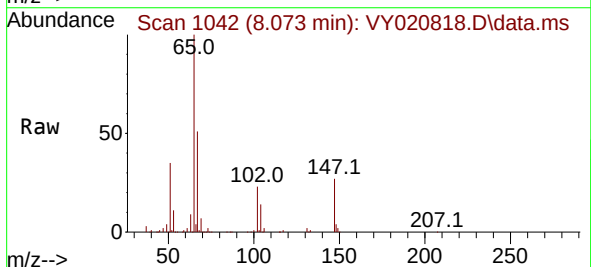
#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.726 min Scan# 985
Delta R.T. 0.018 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

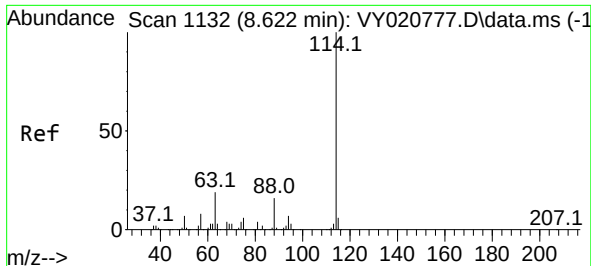
Tgt Ion: 56 Resp: 3043
Ion Ratio Lower Upper
56 100
69 177.5 30.5 45.7#
84 165.2 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 59.514 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

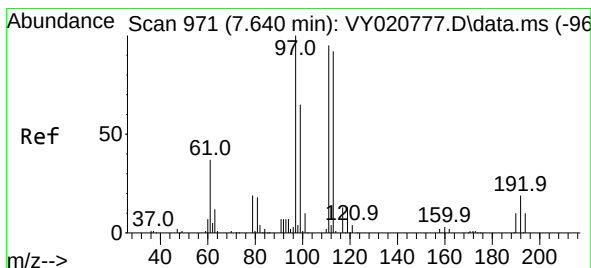
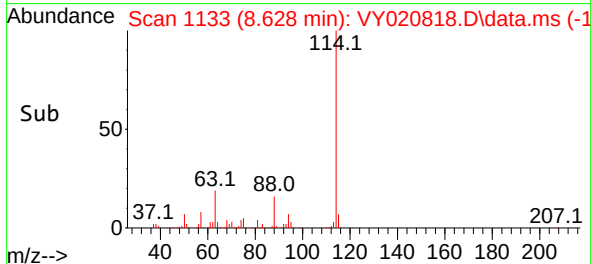
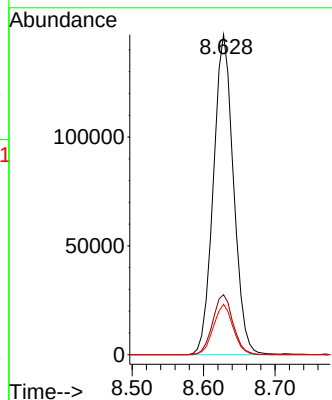
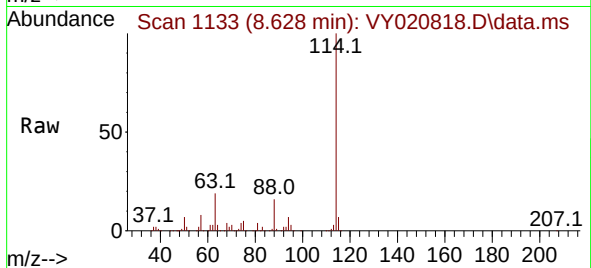
Tgt Ion: 65 Resp: 91796
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8





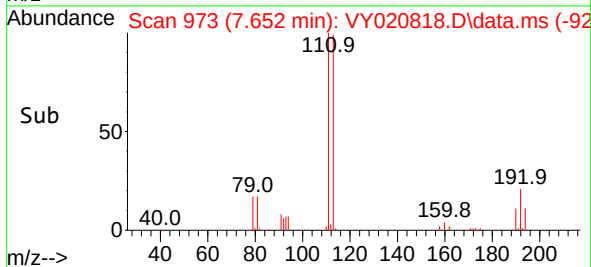
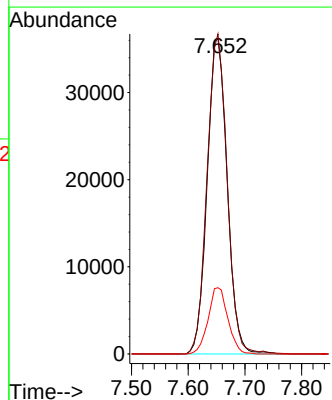
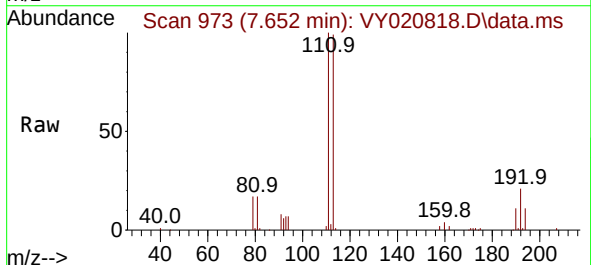
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

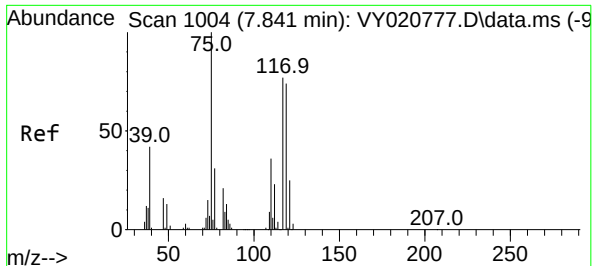
Tgt Ion:114 Resp: 287106
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.386 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

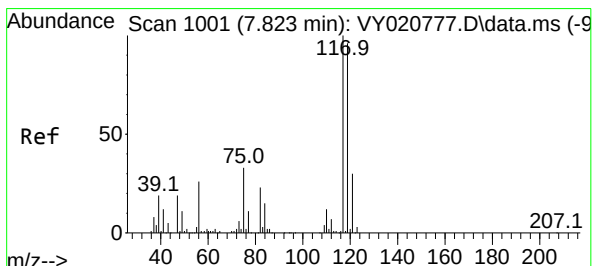
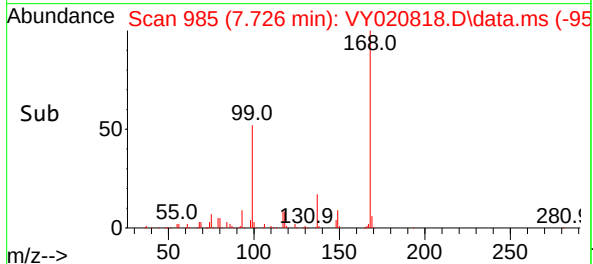
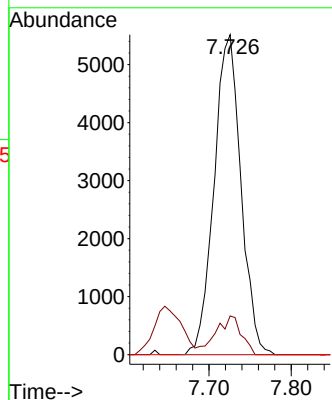
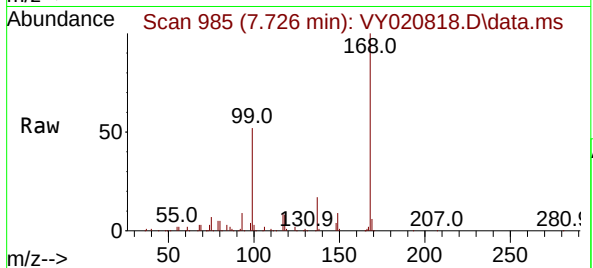
Tgt Ion:113 Resp: 88831
Ion Ratio Lower Upper
113 100
111 101.5 81.7 122.5
192 20.7 16.7 25.1





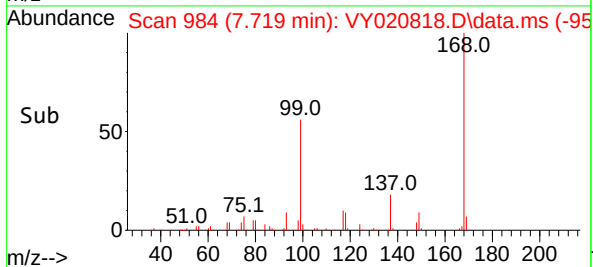
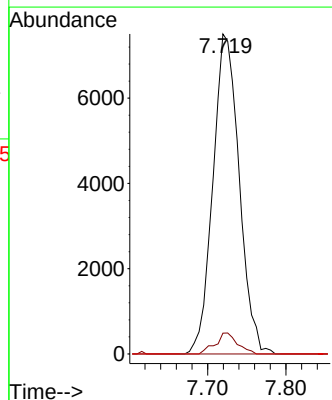
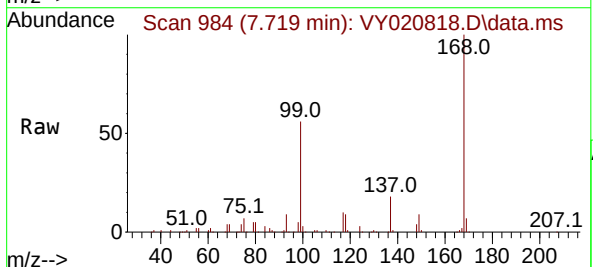
#36
1,1-Dichloropropene
Concen: 5.452 ug/l
RT: 7.726 min Scan# 985
Delta R.T. -0.116 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

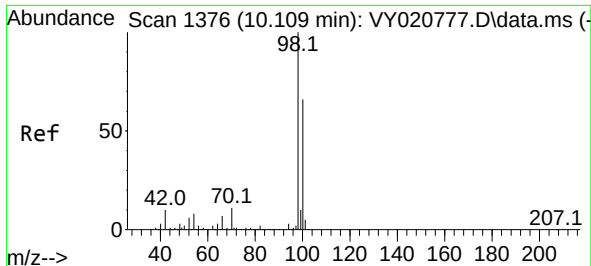
Tgt Ion: 75 Resp: 12509
Ion Ratio Lower Upper
75 100
110 11.2 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

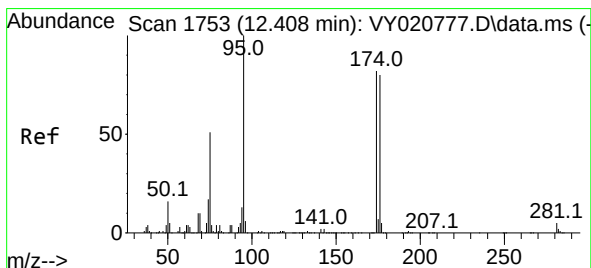
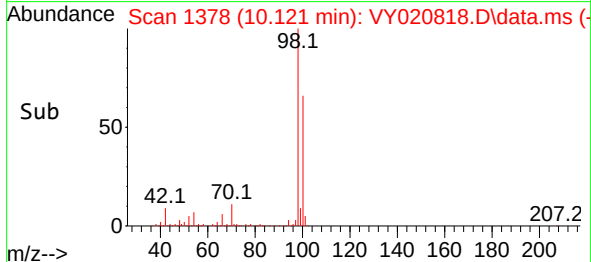
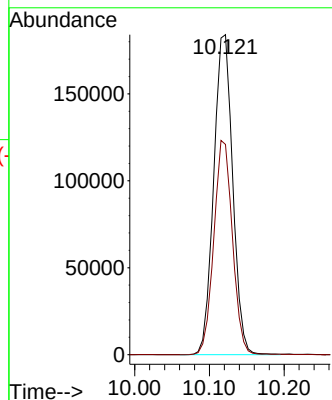
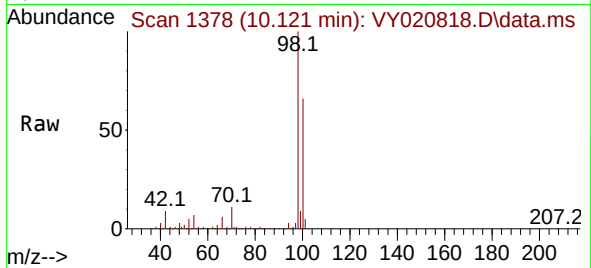
Tgt Ion: 117 Resp: 17493
Ion Ratio Lower Upper
117 100
119 6.5 76.5 114.7#
121 0.0 24.3 36.5#





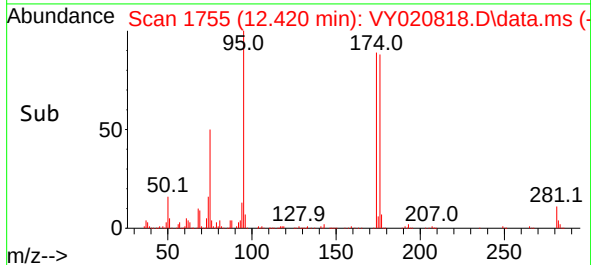
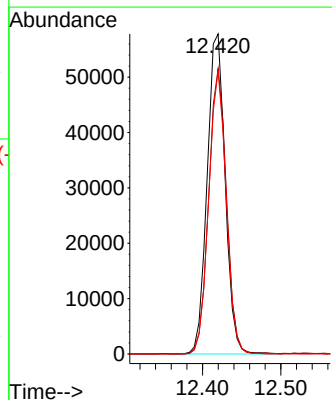
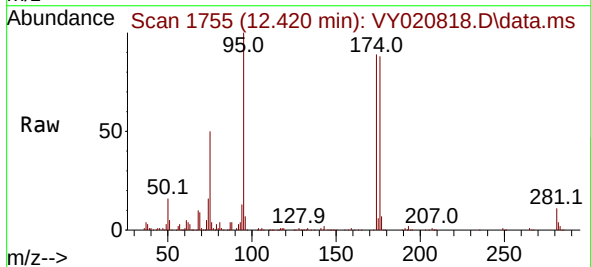
#50
Toluene-d8
Concen: 51.767 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

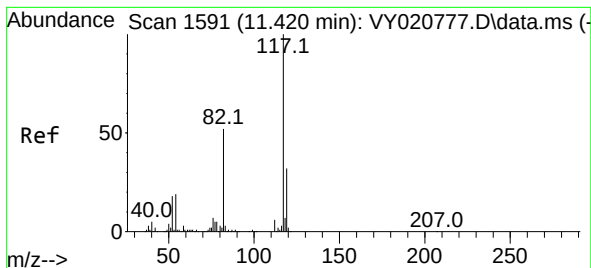
Tgt Ion: 98 Resp: 324593
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 39.803 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

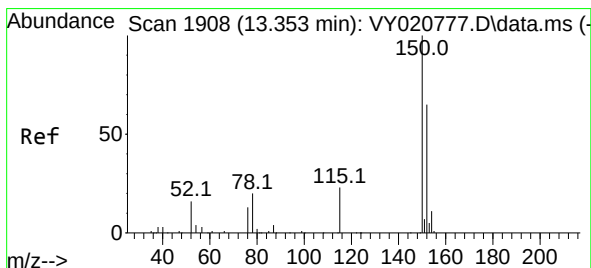
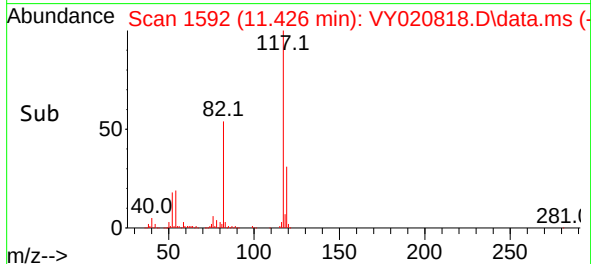
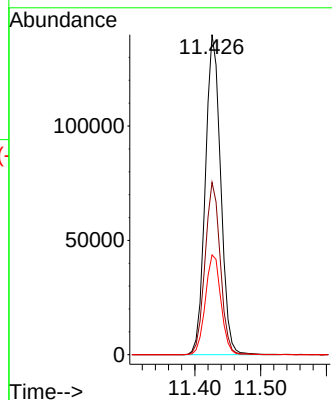
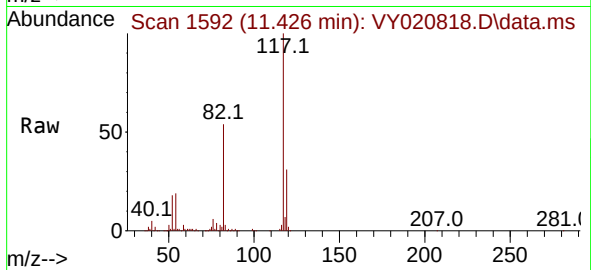
Tgt Ion: 95 Resp: 92165
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.0
176 85.8 0.0 172.0





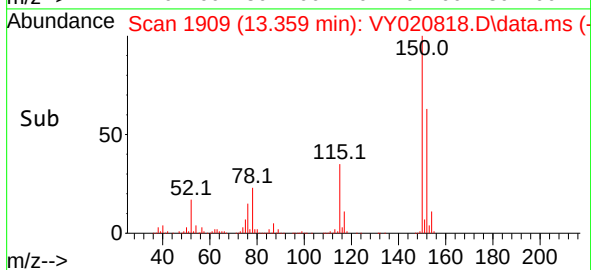
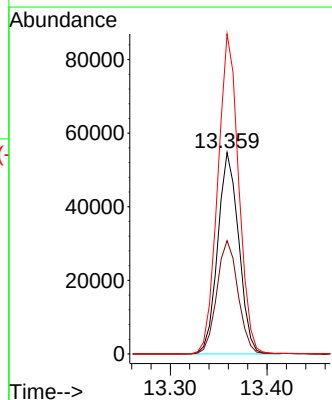
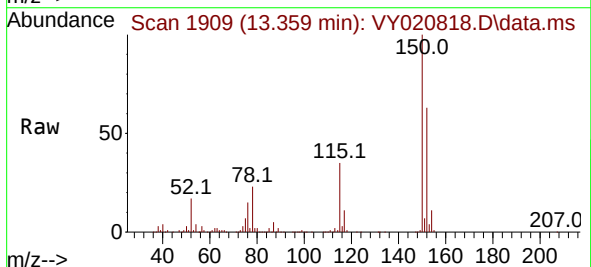
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

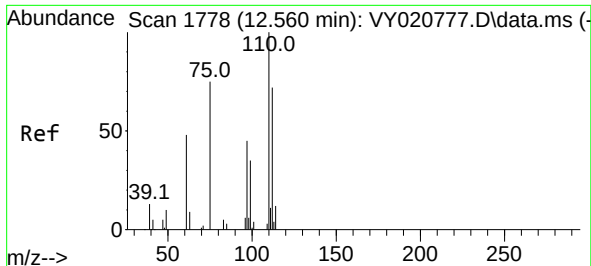
Tgt Ion:117	Resp:	227081	
Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.6
119	31.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

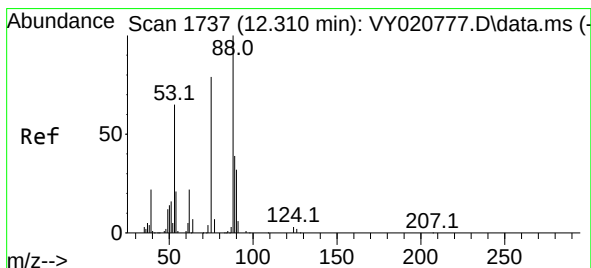
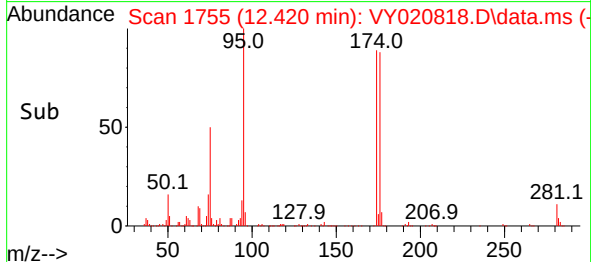
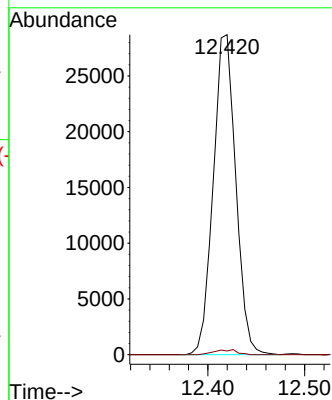
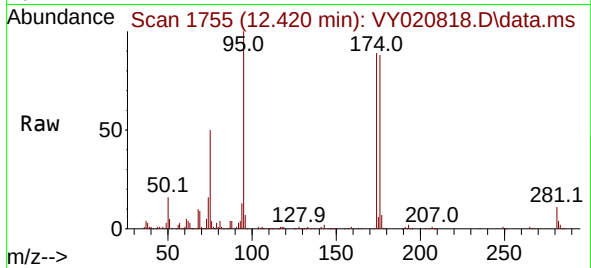
Tgt Ion:152	Resp:	82381	
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.0	87.0
150	158.2	0.0	347.4





#76
1,2,3-Trichloropropane
Concen: 64.464 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.140 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion: 75 Resp: 46467
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.925 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.110 min
Lab File: VY020818.D
Acq: 14 Jan 2025 13:15

Tgt Ion: 75 Resp: 46467
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.2 39.6 59.4#

