

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021380.D
 Acq On : 28 Feb 2025 13:20
 Operator : SY/MD
 Sample : Q1422-01
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB01RE

Quant Time: Feb 28 22:20:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

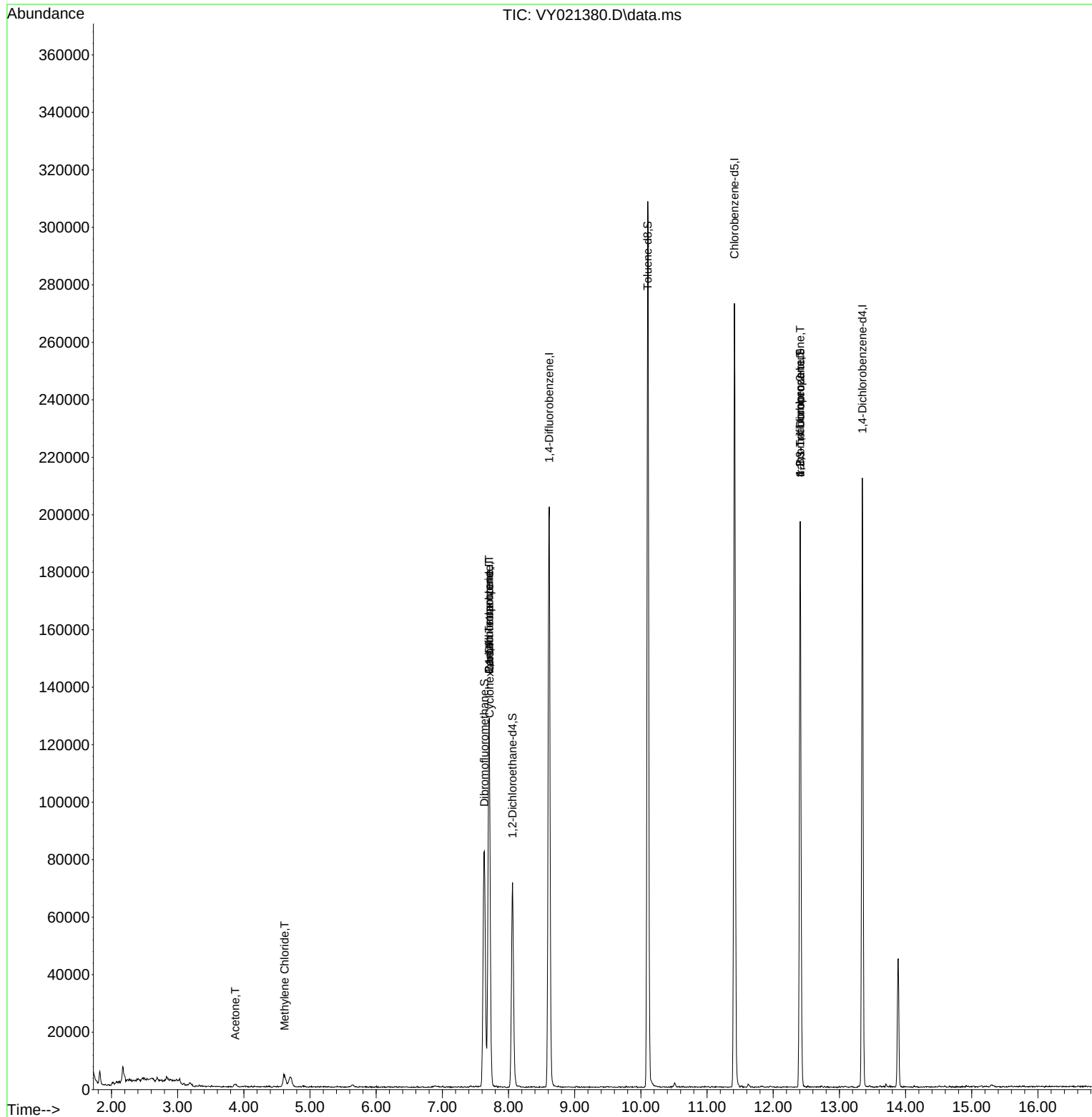
Internal Standards						
1) Pentafluorobenzene	7.707	168	101641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	171514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	51974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55863	48.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.634	113	58329	51.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.103	98	201390	46.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.408	95	53808	36.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.580%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	1971	8.911	ug/l #	86
20) Methylene Chloride	4.616	84	2950	2.466	ug/l	87
31) Cyclohexane	7.713	56	2429	1.195	ug/l #	38
36) 1,1-Dichloropropene	7.707	75	7915	4.686	ug/l #	52
38) Carbon Tetrachloride	7.707	117	9773	5.147	ug/l #	19
76) 1,2,3-Trichloropropane	12.408	75	29264	56.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	29264	125.028	ug/l #	10

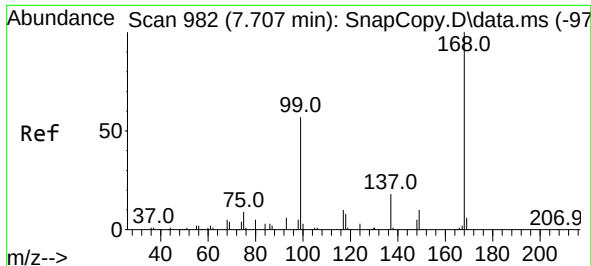
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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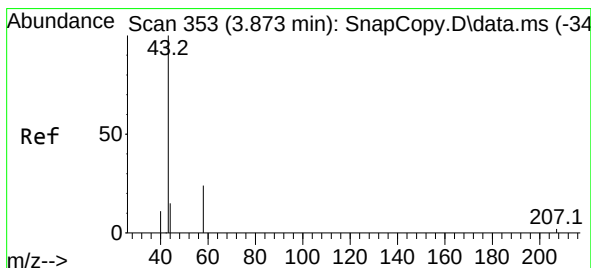
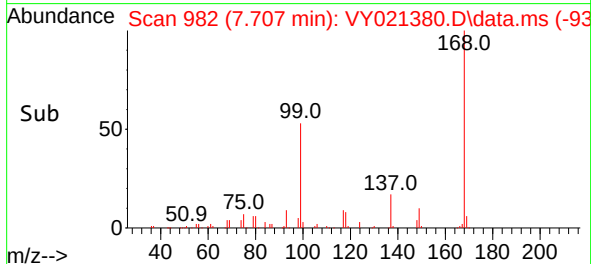
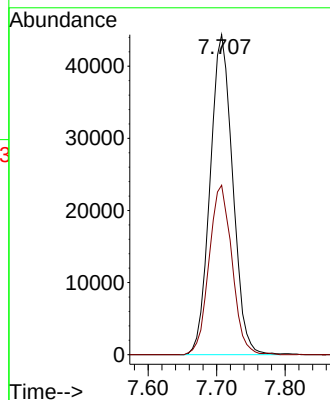
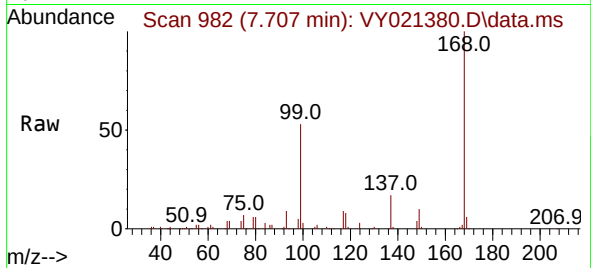




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

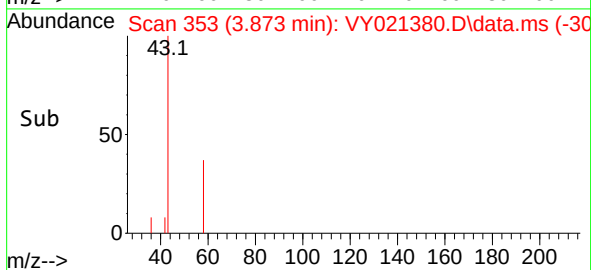
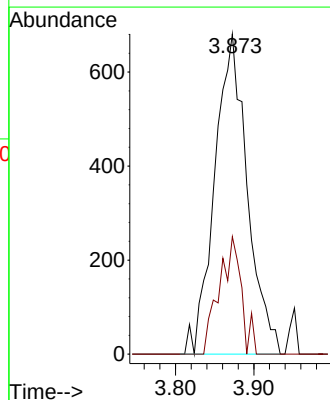
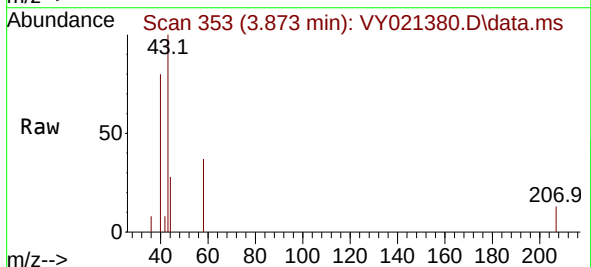
Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB01RE

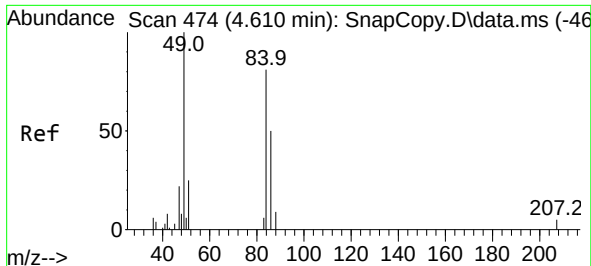
Tgt Ion:168 Resp: 101641
Ion Ratio Lower Upper
168 100
99 52.9 47.1 70.7



#16
Acetone
Concen: 8.911 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

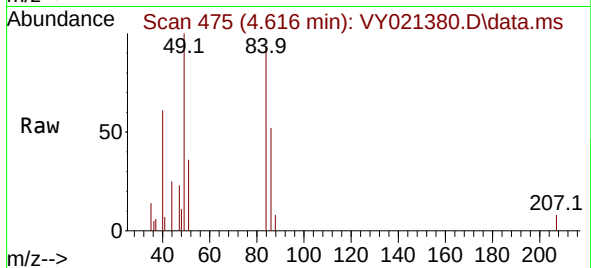
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 36.7 23.5 35.3#



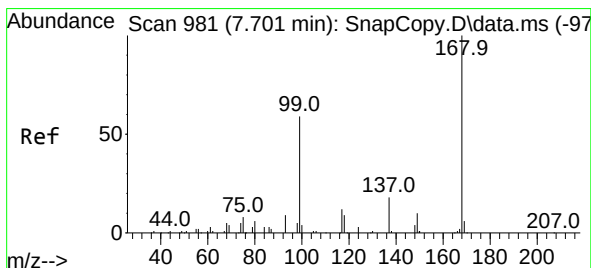
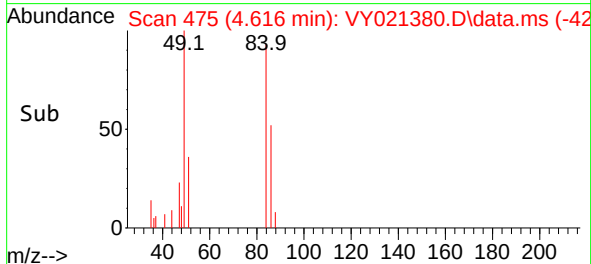
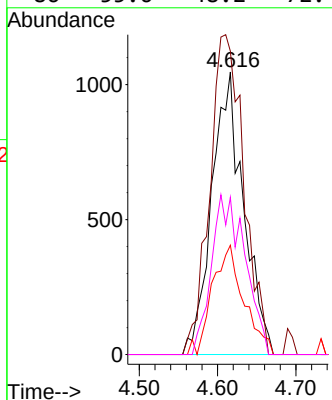


#20
Methylene Chloride
Concen: 2.466 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB01RE

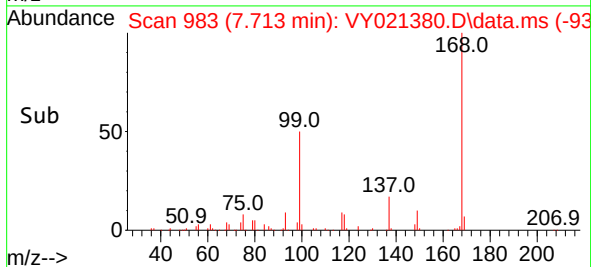
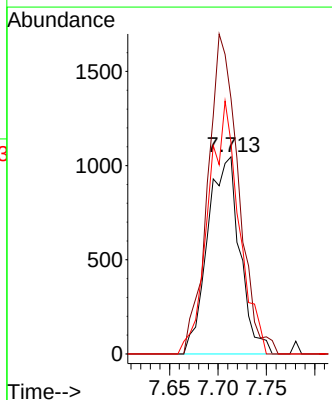
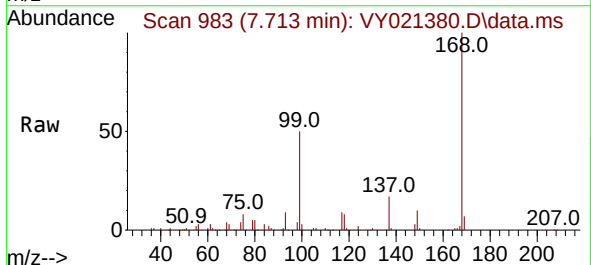


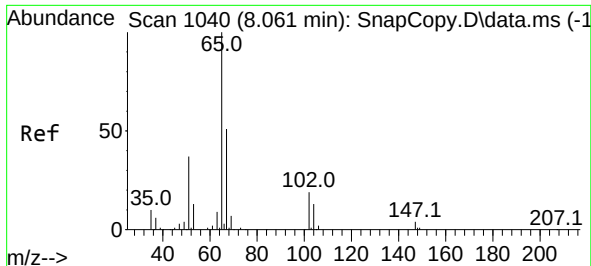
Tgt Ion:	84	Resp:	2950
Ion	Ratio	Lower	Upper
84	100		
49	107.4	105.1	157.7
51	38.7	31.0	46.4
86	55.6	48.2	72.4



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion:	56	Resp:	2429
Ion	Ratio	Lower	Upper
56	100		
69	129.5	26.2	39.4#
84	107.2	70.2	105.4#

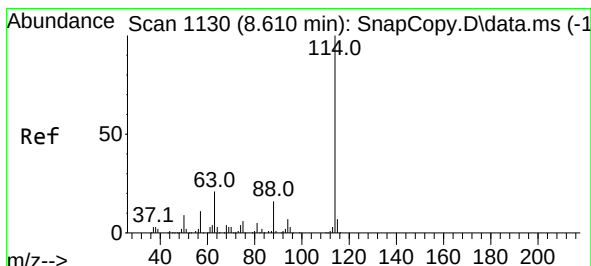
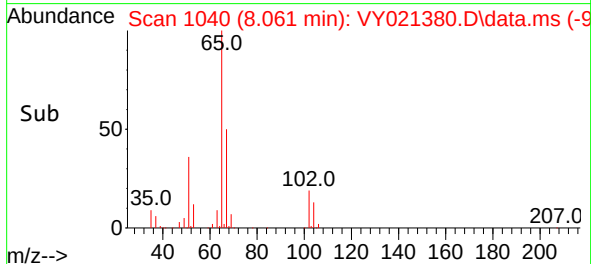
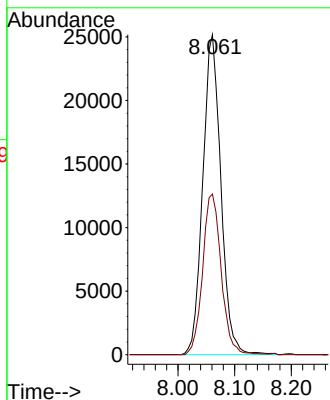
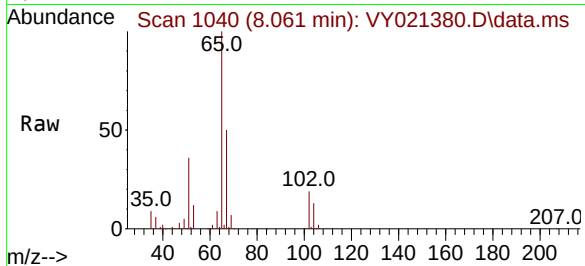




#33
 1,2-Dichloroethane-d4
 Concen: 48.449 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY021380.D
 Acq: 28 Feb 2025 13:20

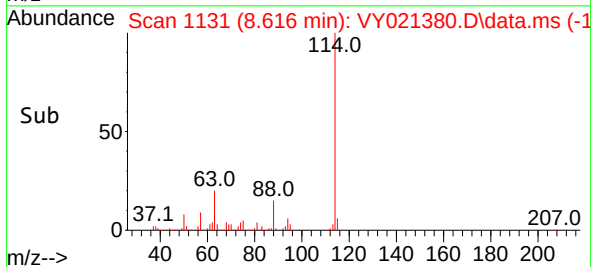
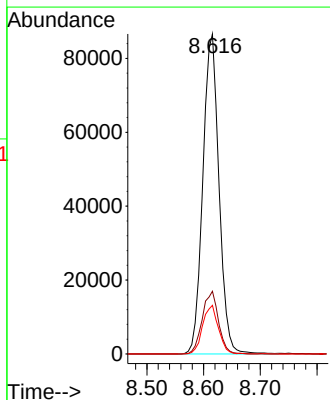
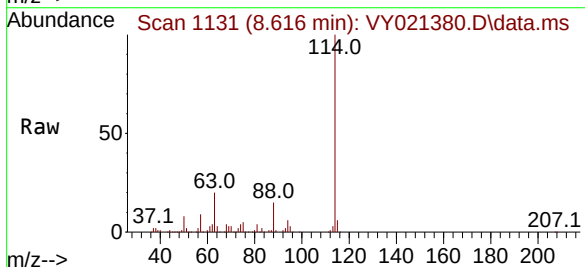
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB01RE

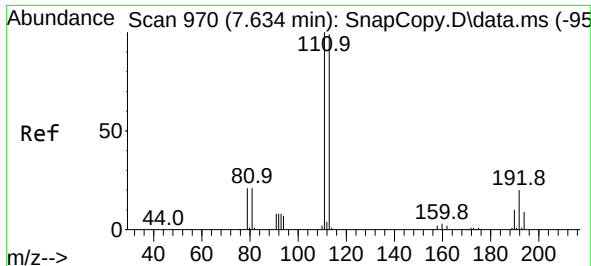
Tgt Ion: 65 Resp: 55863
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021380.D
 Acq: 28 Feb 2025 13:20

Tgt Ion: 114 Resp: 171514
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.2
 88 15.2 0.0 29.8

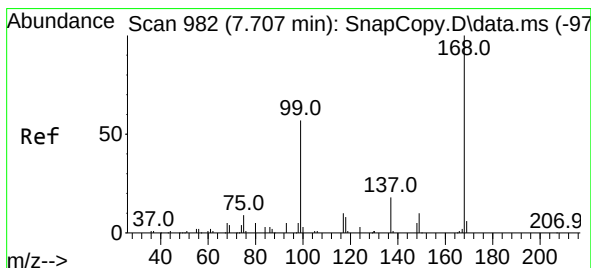
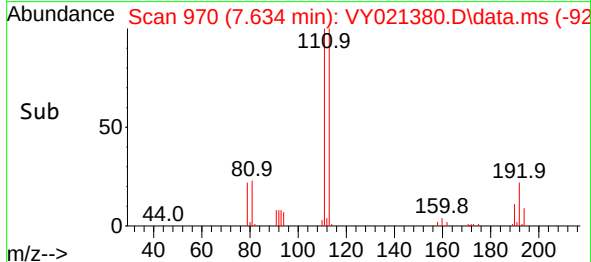
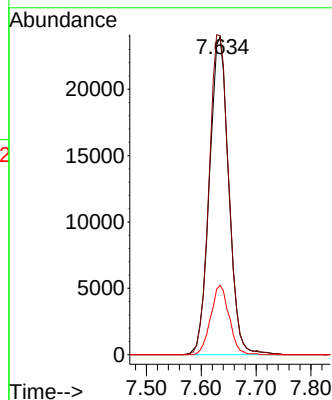
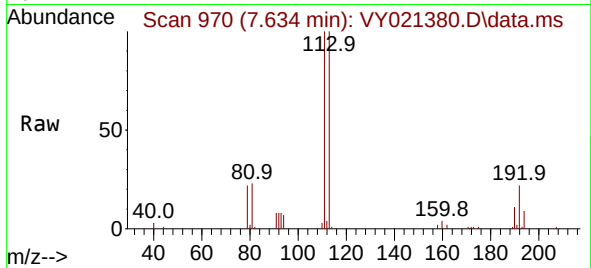




#35
Dibromofluoromethane
Concen: 51.873 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

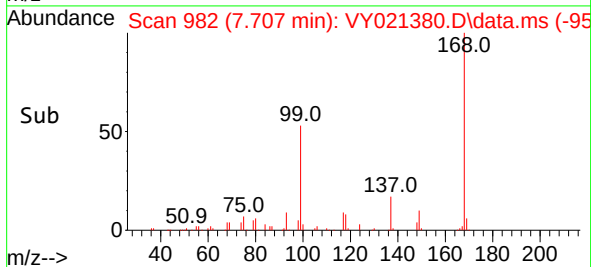
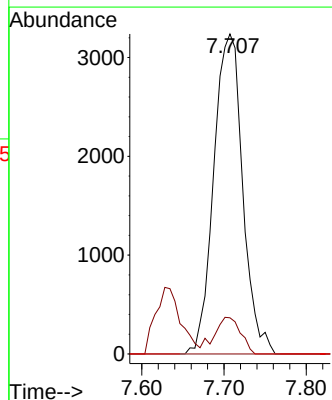
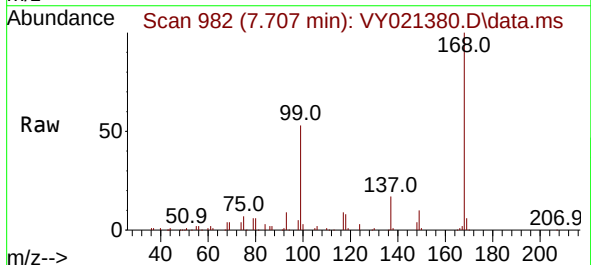
Instrument :
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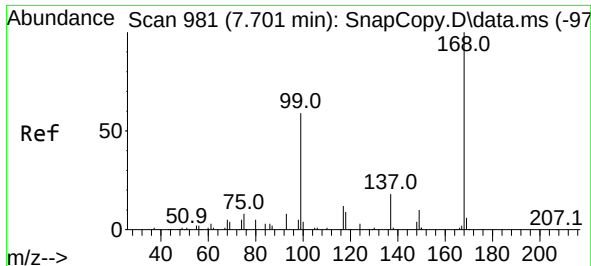
Tgt Ion:113 Resp: 58329
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.6
192 20.9 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion: 75 Resp: 7915
Ion Ratio Lower Upper
75 100
110 10.4 16.9 50.7#
77 0.0 24.6 36.8#

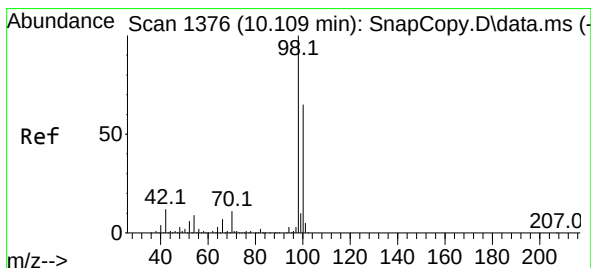
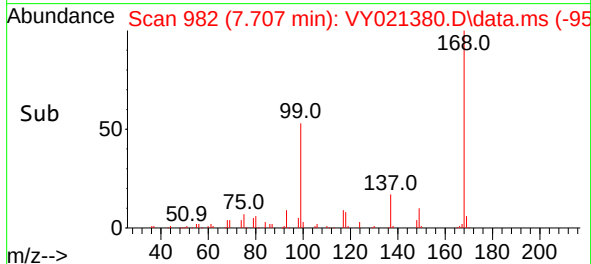
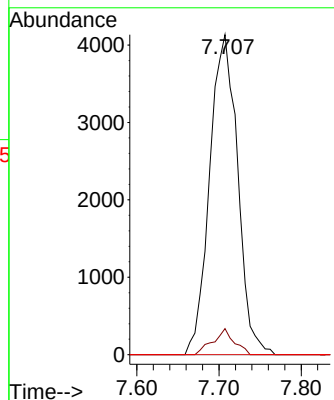
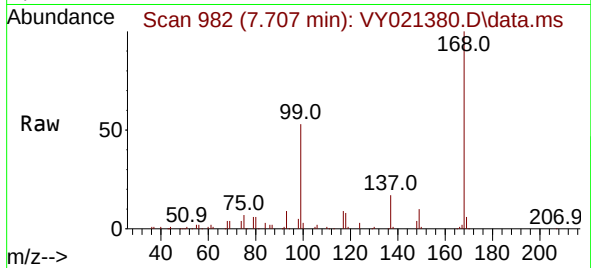




#38
Carbon Tetrachloride
Concen: 5.147 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

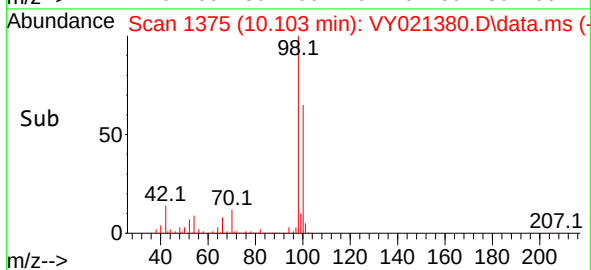
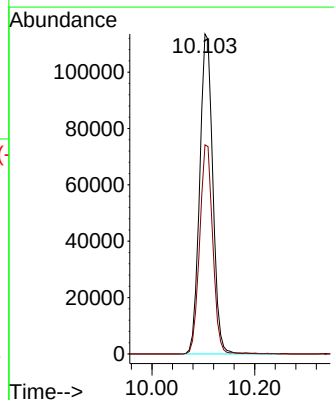
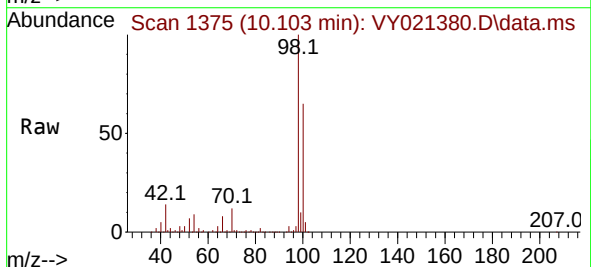
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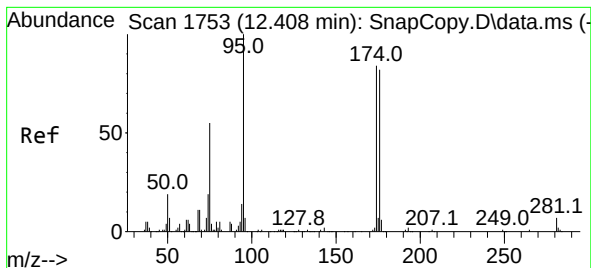
Tgt Ion:117 Resp: 9773
Ion Ratio Lower Upper
117 100
119 8.2 76.0 114.0#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 46.342 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion: 98 Resp: 201390
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

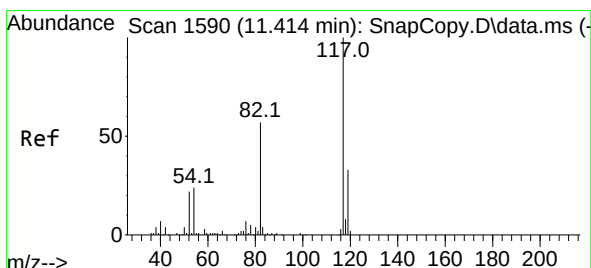
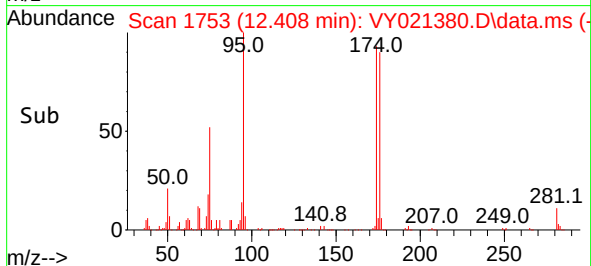
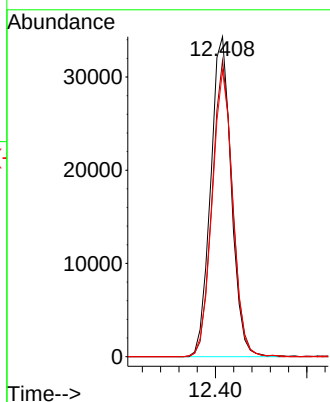
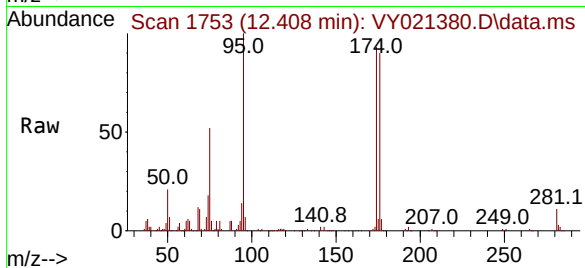




#62
4-Bromofluorobenzene
Concen: 36.791 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

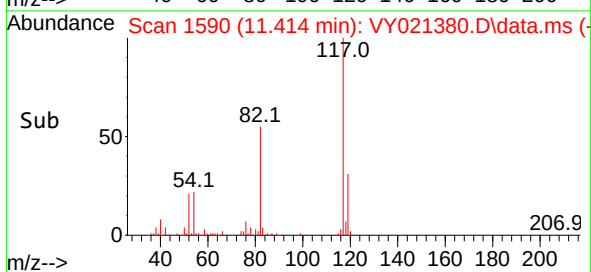
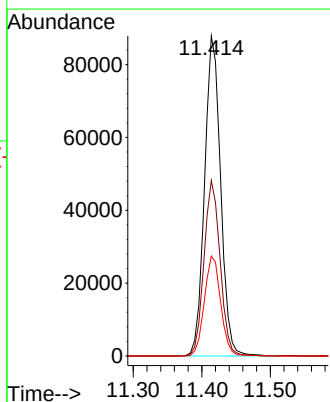
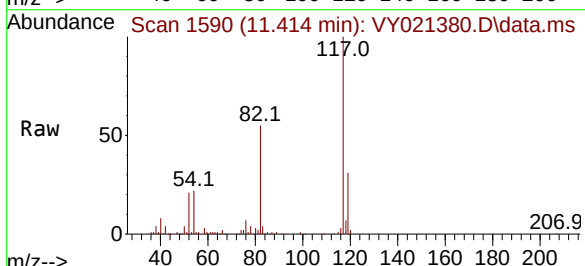
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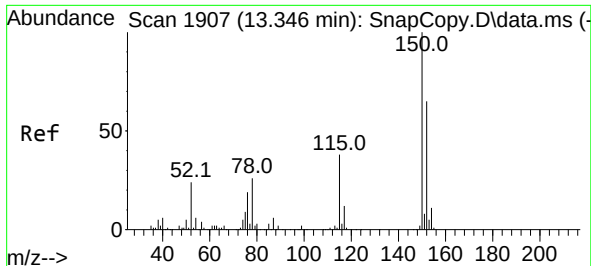
Tgt Ion:	95	Resp:	53808
Ion Ratio	Lower	Upper	
95	100		
174	91.4	0.0	168.0
176	89.2	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021380.D
Acq: 28 Feb 2025 13:20

Tgt Ion:	117	Resp:	143270
Ion Ratio	Lower	Upper	
117	100		
82	54.8	46.2	69.4
119	31.2	24.9	37.3

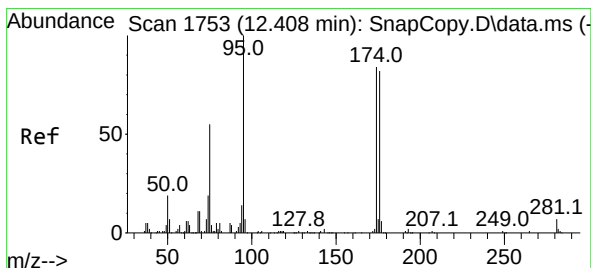
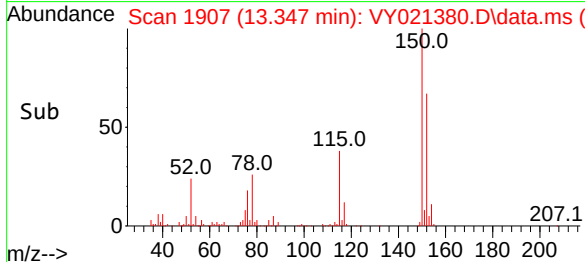
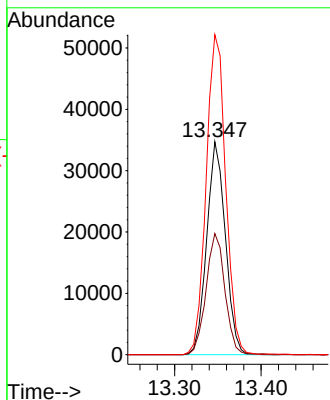
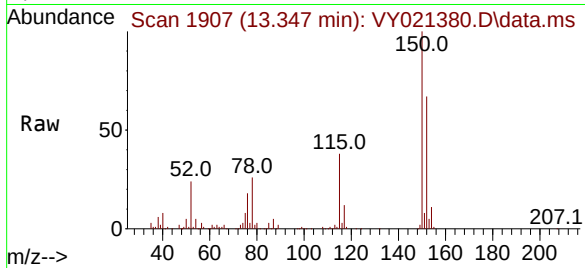




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021380.D
 Acq: 28 Feb 2025 13:20

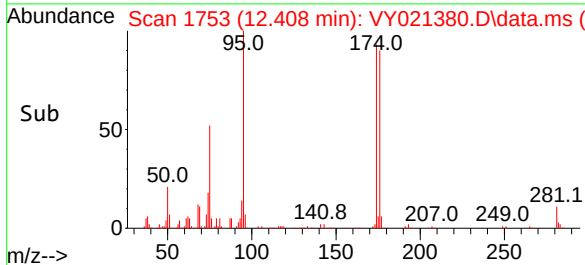
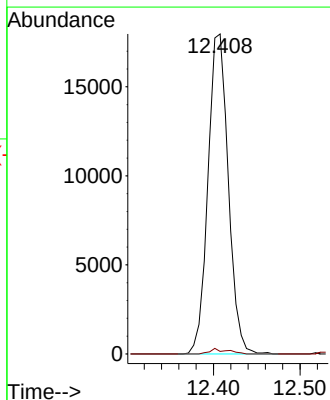
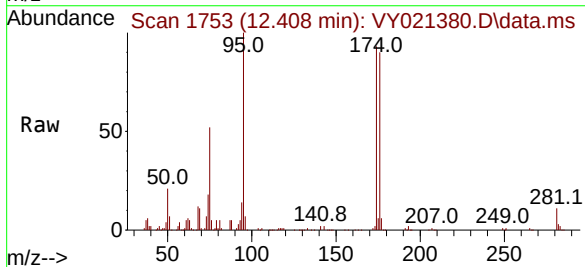
Instrument :
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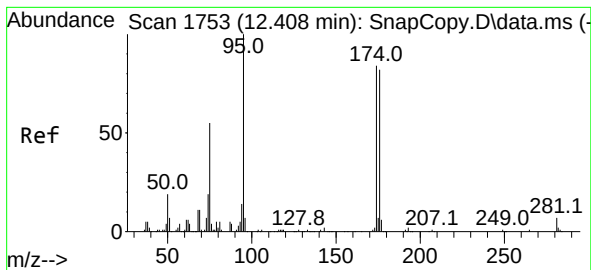
Tgt Ion:152 Resp: 51974
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.3 88.0
 150 157.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 56.252 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021380.D
 Acq: 28 Feb 2025 13:20

Tgt Ion: 75 Resp: 29264
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.028 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021380.D
 Acq: 28 Feb 2025 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB01RE

Tgt Ion: 75 Resp: 29264
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.1 35.6 53.4#

