

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022071.D
 Acq On : 30 Apr 2025 09:57
 Operator : SY/MD
 Sample : VY0430SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBL01

Quant Time: May 01 01:31:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

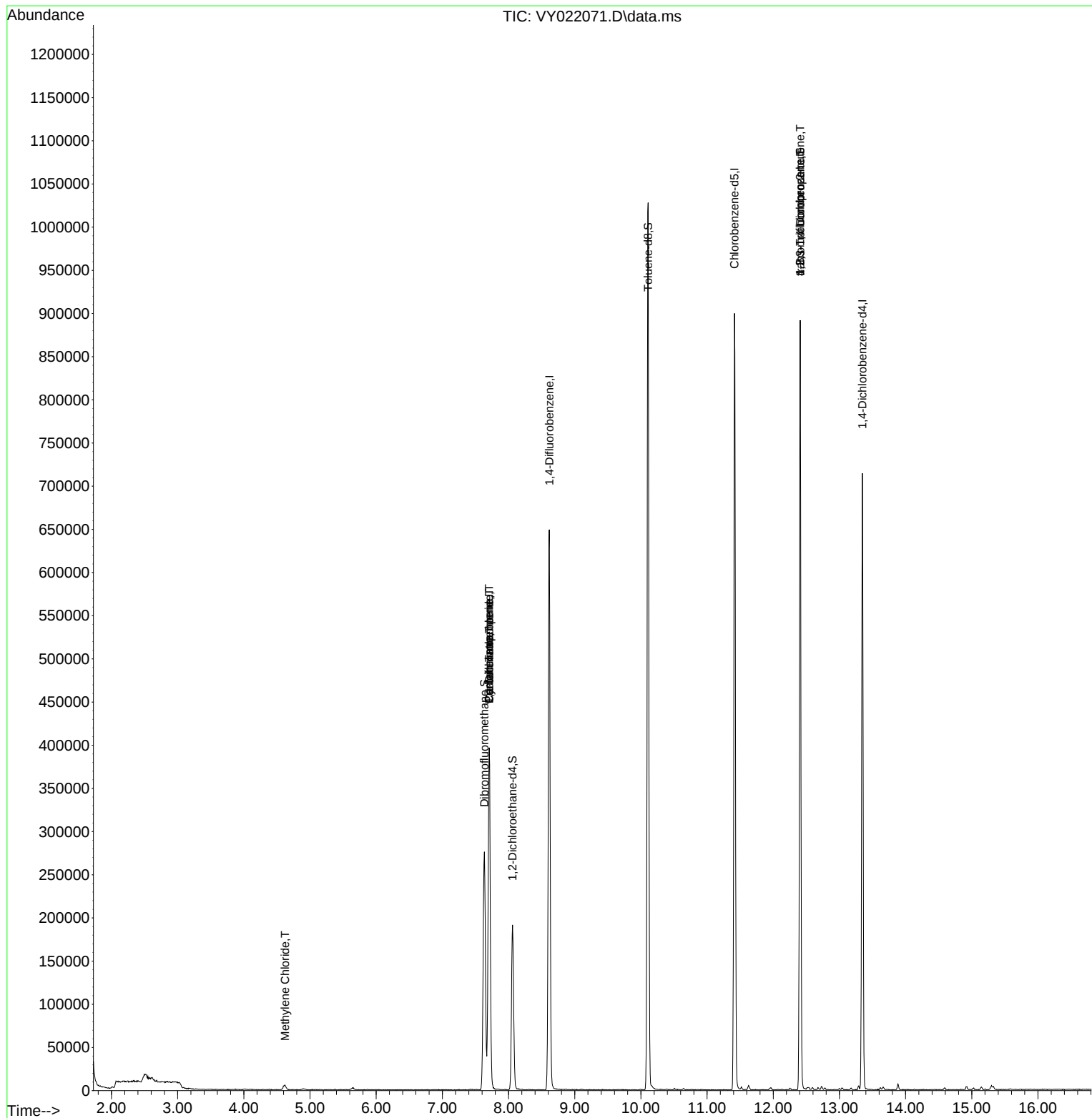
Internal Standards						
1) Pentafluorobenzene	7.707	168	311598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	580894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	511027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	186896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150607	52.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.660%			
35) Dibromofluoromethane	7.634	113	198874	51.821	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.640%			
50) Toluene-d8	10.109	98	697047	48.178	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.360%			
62) 4-Bromofluorobenzene	12.408	95	259683	53.317	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.640%			
Target Compounds						
16) Acetone	3.873	43	405	Below Cal	#	79
20) Methylene Chloride	4.623	84	4250	1.168	ug/l	89
31) Cyclohexane	7.707	56	5625	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	22893	4.441	ug/l #	48
38) Carbon Tetrachloride	7.707	117	29429	4.777	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	126941	79.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	126941	190.956	ug/l #	16

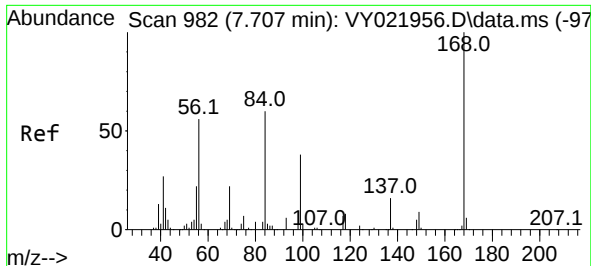
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022071.D
Acq On : 30 Apr 2025 09:57
Operator : SY/MD
Sample : VY0430SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

Quant Time: May 01 01:31:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
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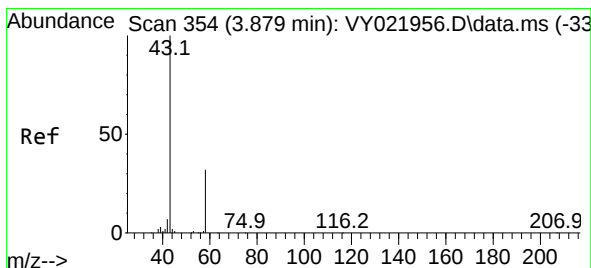
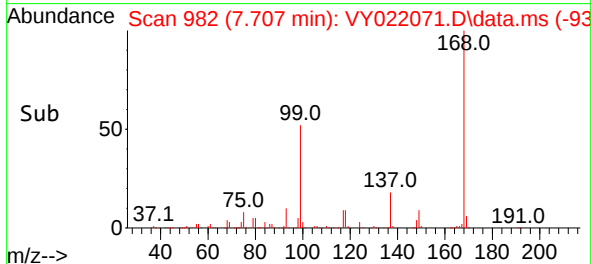
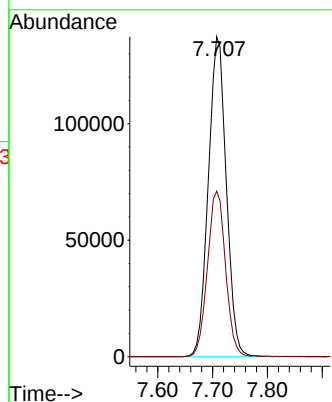
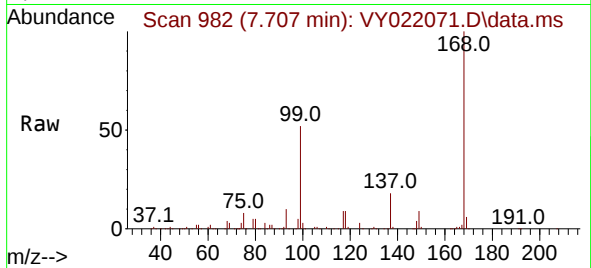




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

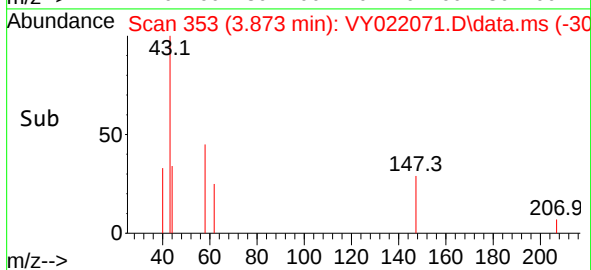
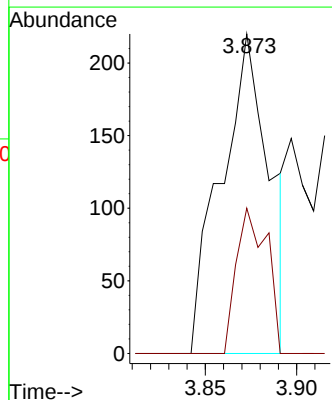
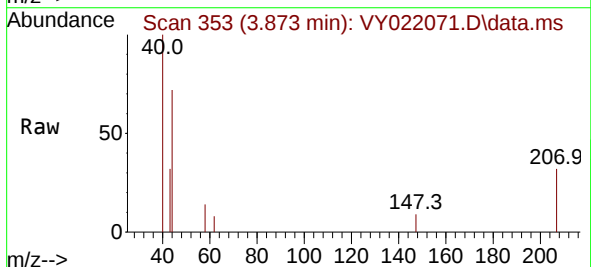
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

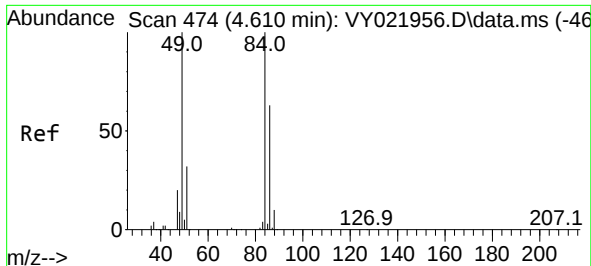
Tgt Ion:168 Resp: 311598
Ion Ratio Lower Upper
168 100
99 51.8 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 45.5 27.0 40.4#

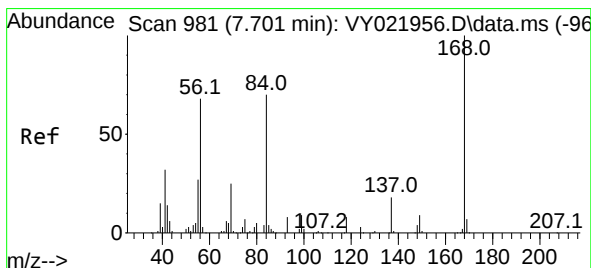
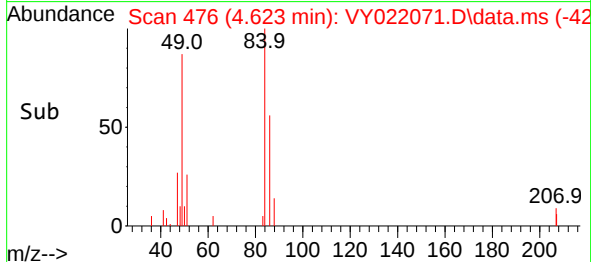
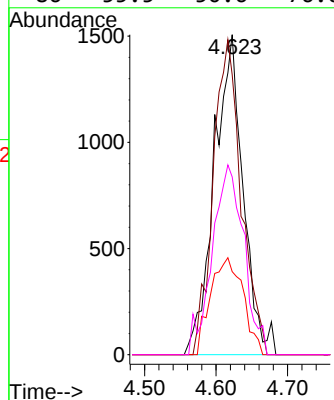
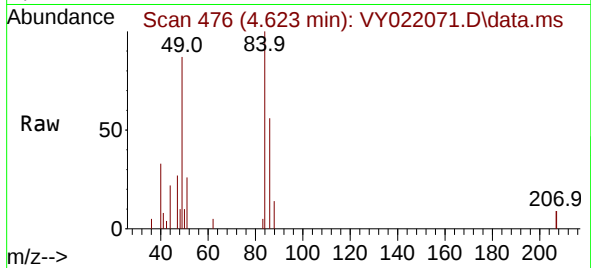




#20
Methylene Chloride
Concen: 1.168 ug/l
RT: 4.623 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

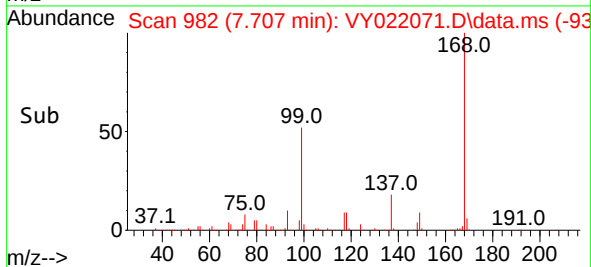
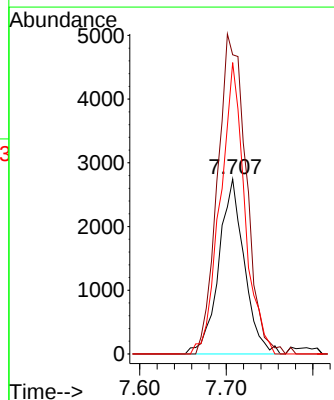
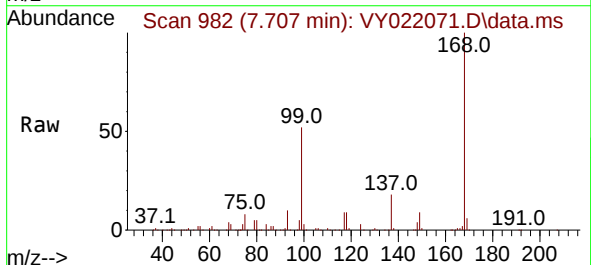
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

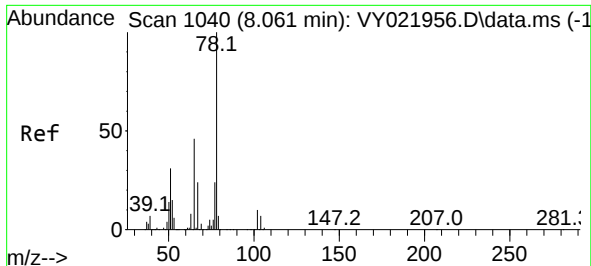
Tgt Ion: 84	Resp:	4250	
Ion	Ratio	Lower	Upper
84	100		
49	87.5	79.9	119.9
51	25.9	25.4	38.0
86	55.5	50.6	76.0



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

Tgt Ion: 56	Resp:	5625	
Ion	Ratio	Lower	Upper
56	100		
69	171.1	29.4	44.2#
84	166.6	82.2	123.4#





#33

1,2-Dichloroethane-d4

Concen: 52.327 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY022071.D

Acq: 30 Apr 2025 09:57

Instrument :

MSVOA_Y

ClientSampleId :

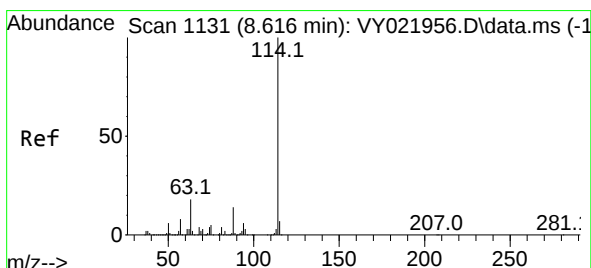
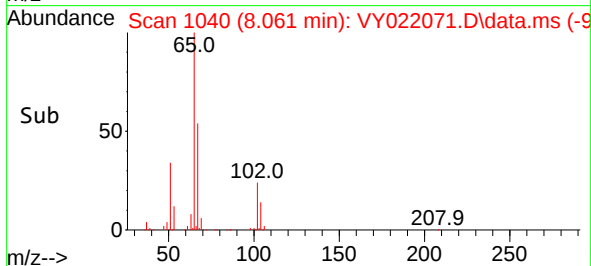
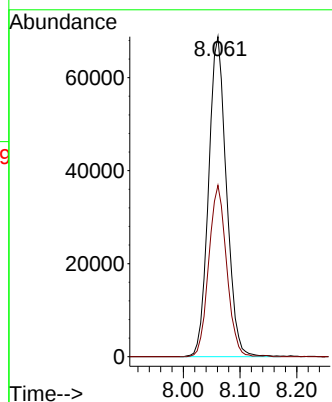
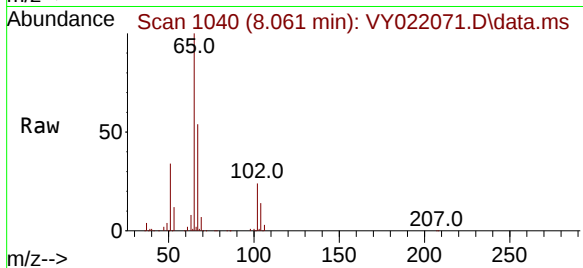
VY0430SBL01

Tgt Ion: 65 Resp: 150607

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022071.D

Acq: 30 Apr 2025 09:57

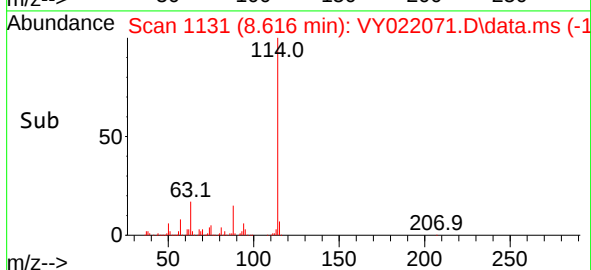
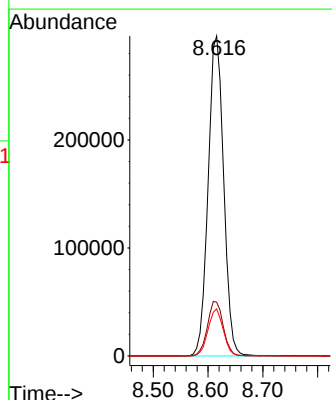
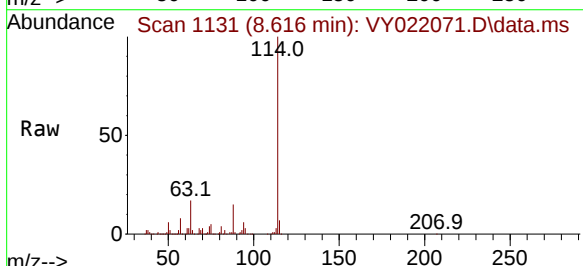
Tgt Ion: 114 Resp: 580894

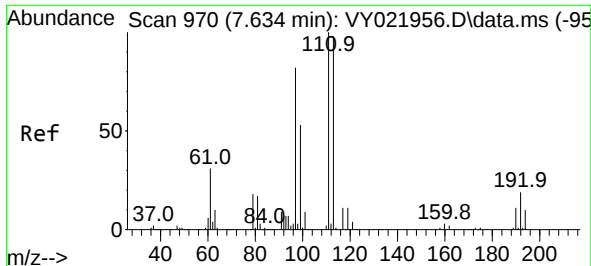
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.4

88 14.7 0.0 28.2

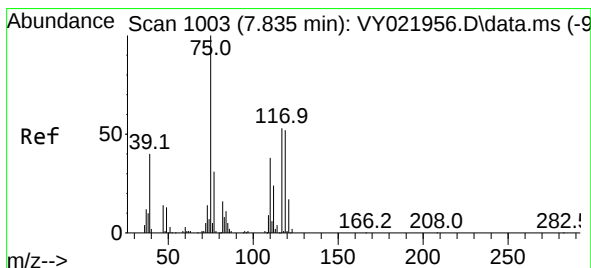
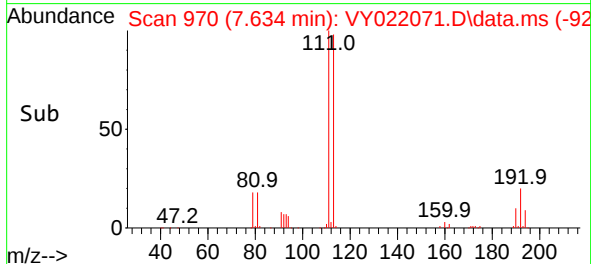
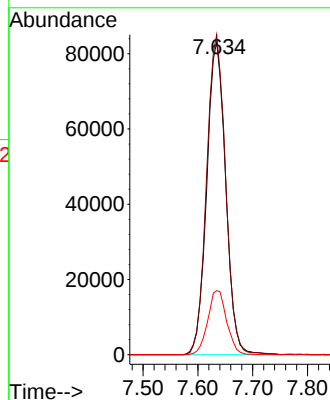
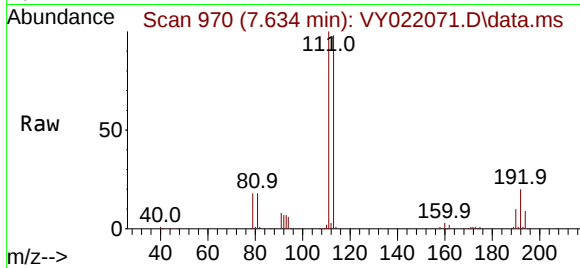




#35
Dibromofluoromethane
Concen: 51.821 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

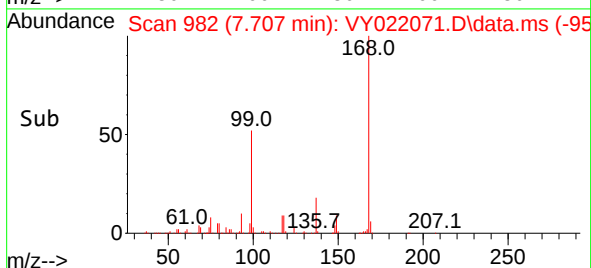
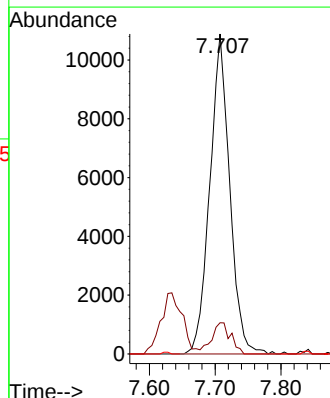
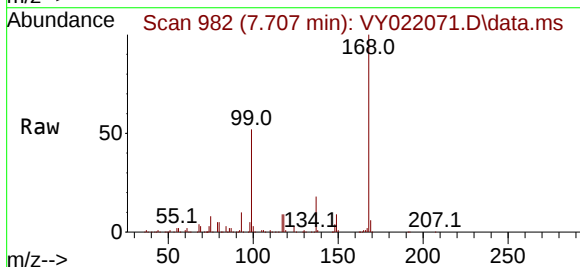
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

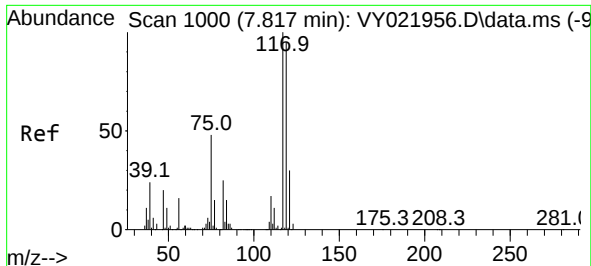
Tgt Ion:113 Resp: 198874
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.441 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

Tgt Ion: 75 Resp: 22893
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.3#
77 0.0 25.5 38.3#

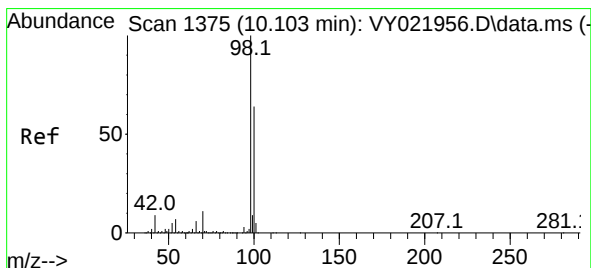
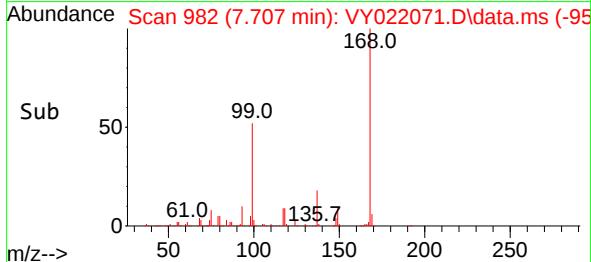
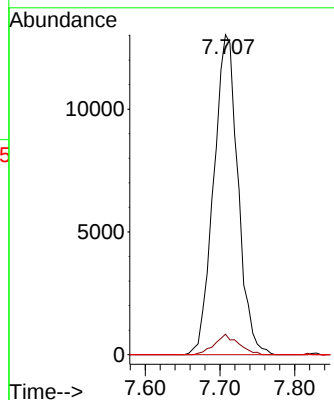
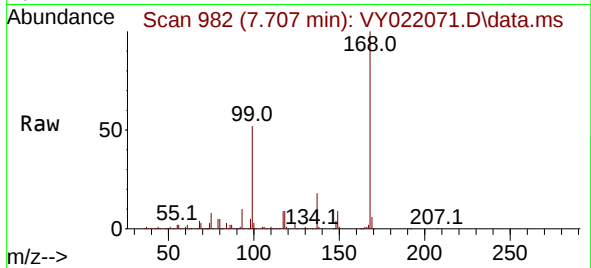




#38
Carbon Tetrachloride
Concen: 4.777 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

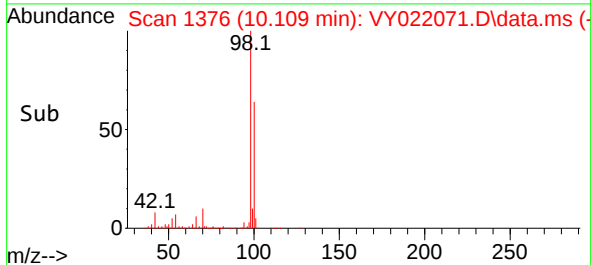
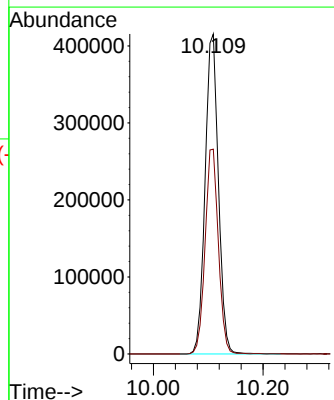
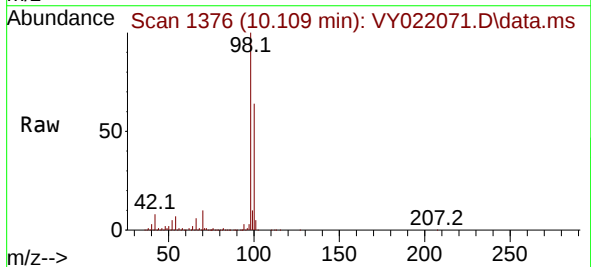
Instrument :
MSVOA_Y
ClientSampleId :
VY0430SBL01

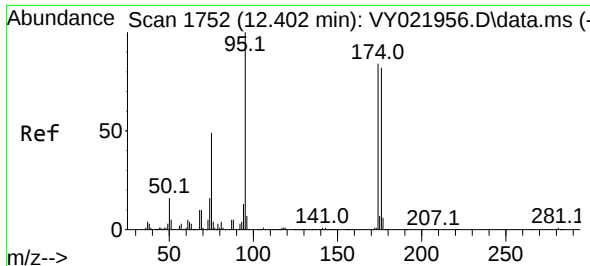
Tgt Ion:117 Resp: 29429
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.178 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

Tgt Ion: 98 Resp: 697047
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

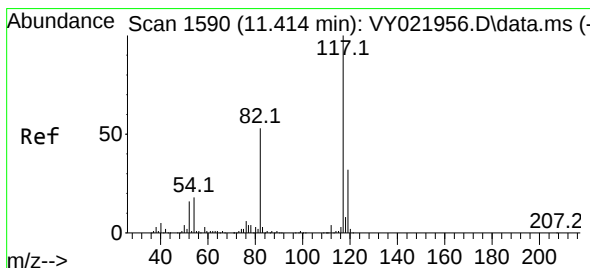
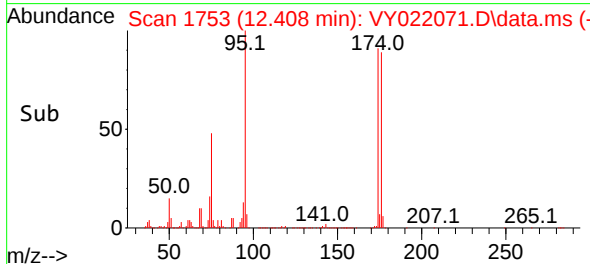
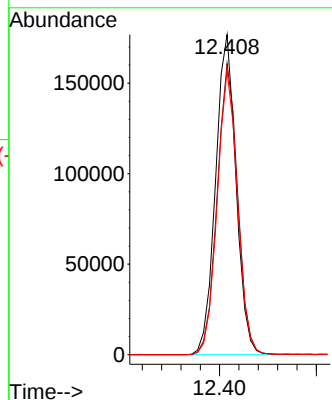
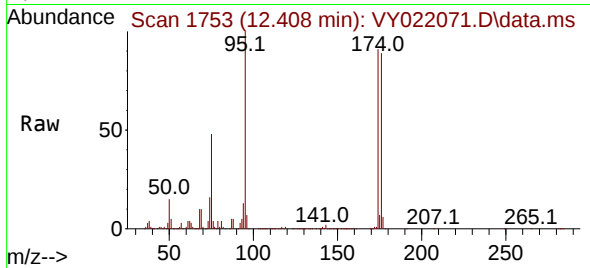




#62
4-Bromofluorobenzene
Concen: 53.317 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

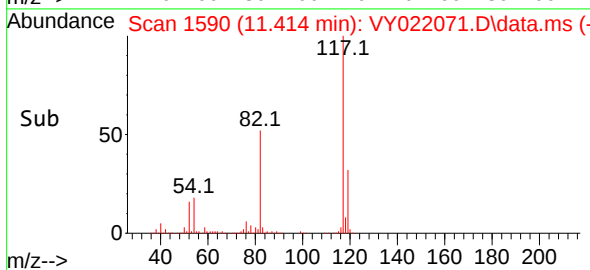
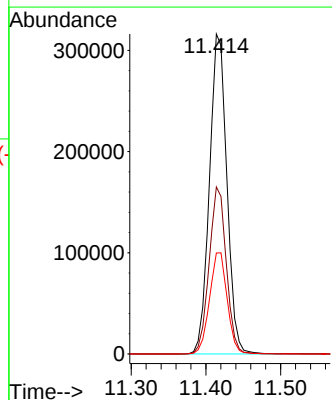
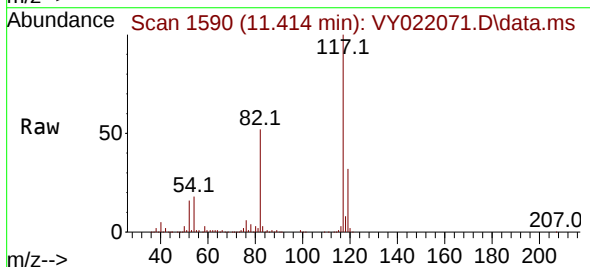
Instrument :
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ClientSampleId :
VY0430SBL01

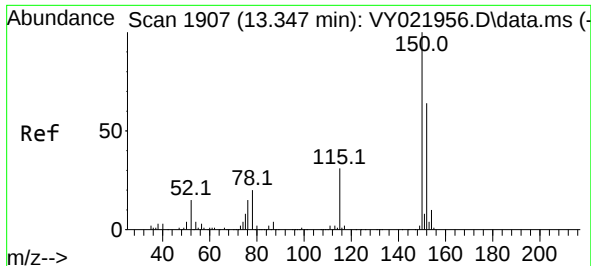
Tgt Ion: 95 Resp: 259683
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.0
176 87.8 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022071.D
Acq: 30 Apr 2025 09:57

Tgt Ion: 117 Resp: 511027
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.6 25.7 38.5

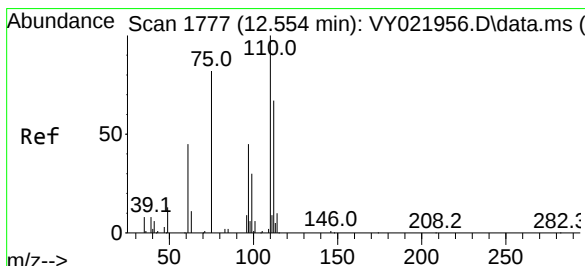
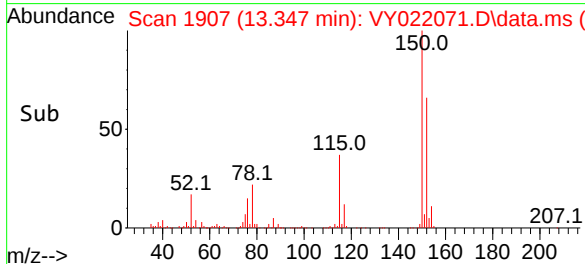
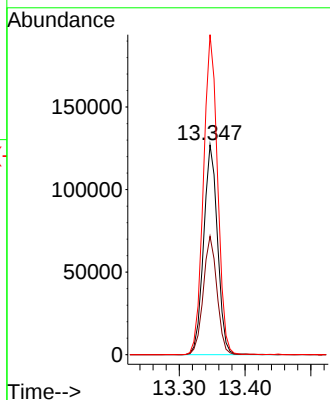
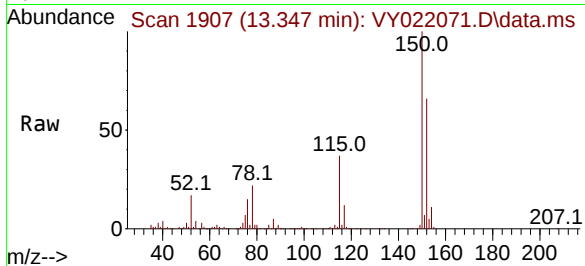




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022071.D
 Acq: 30 Apr 2025 09:57

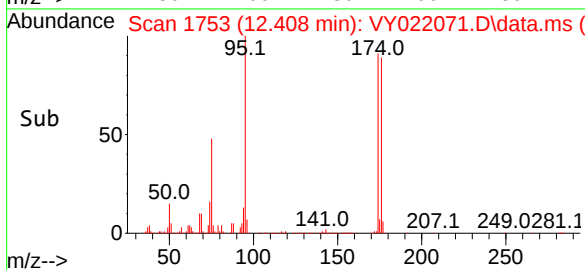
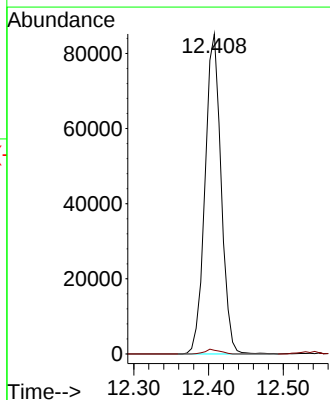
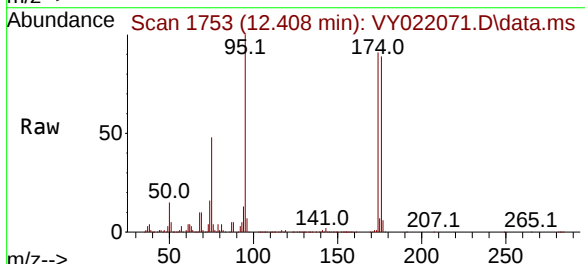
Instrument :
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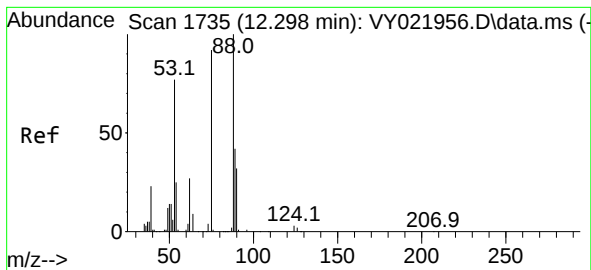
Tgt Ion:152 Resp: 186896
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.0 84.0
 150 155.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 79.296 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022071.D
 Acq: 30 Apr 2025 09:57

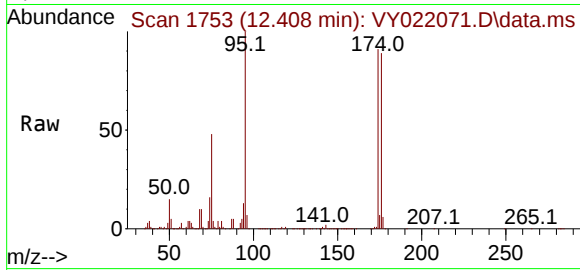
Tgt Ion: 75 Resp: 126941
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 190.956 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022071.D
 Acq: 30 Apr 2025 09:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBL01



Tgt Ion: 75 Resp: 126941
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.0 99.0#
 89 0.1 37.2 55.8#

