

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021723.D
 Acq On : 31 Mar 2025 16:35
 Operator : SY/MD
 Sample : Q1675-09
 Misc : 8.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3

Quant Time: Apr 01 05:39:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

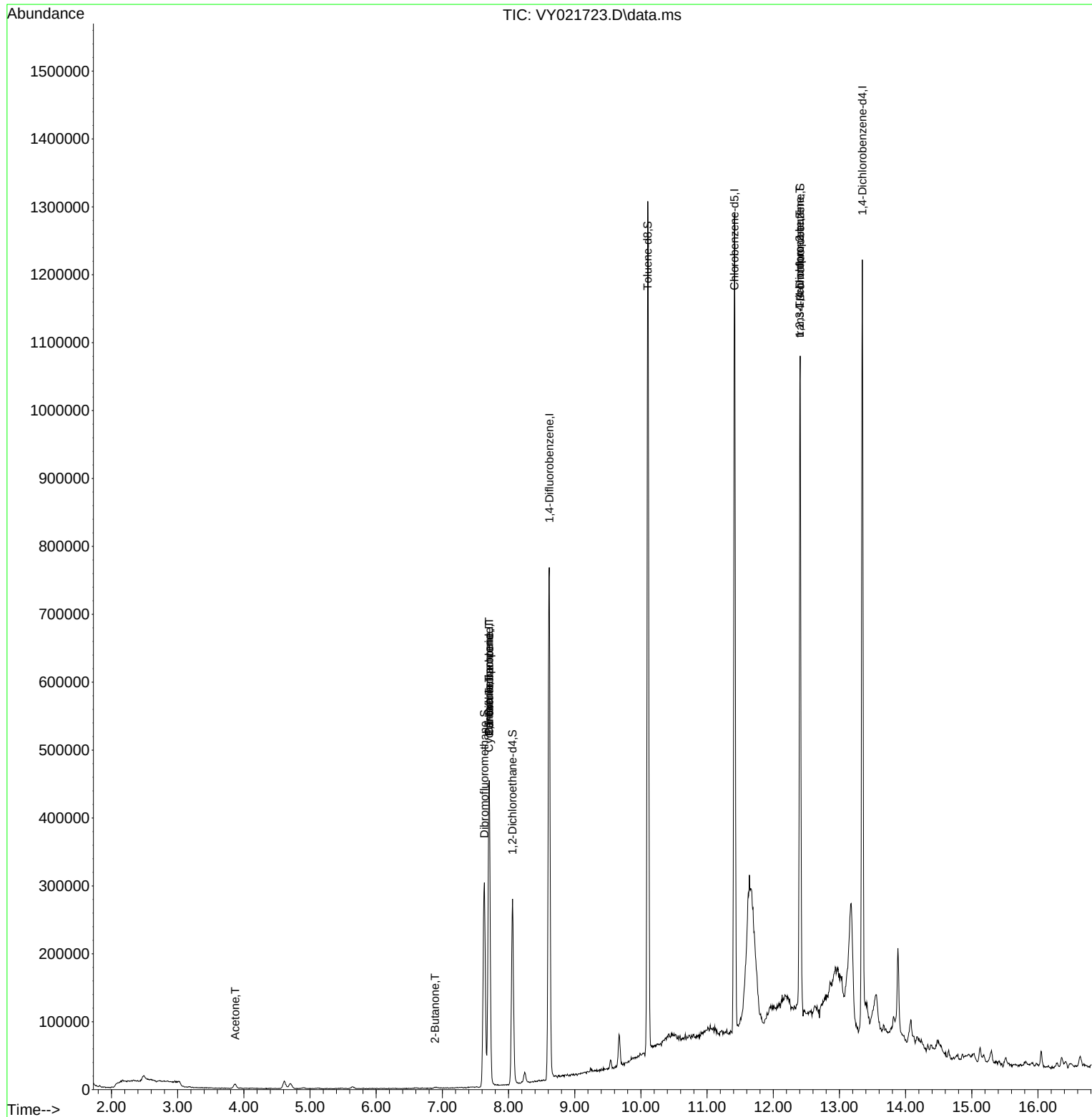
Internal Standards						
1) Pentafluorobenzene	7.707	168	346820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	644630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	625342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	280019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208758	55.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.100%	
35) Dibromofluoromethane	7.634	113	211723	50.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.260%	
50) Toluene-d8	10.103	98	803652	50.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.407	95	292173	54.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.600%	
Target Compounds						Qvalue
16) Acetone	3.872	43	11023	14.333	ug/l	96
20) Methylene Chloride	4.622	84	7585	Below Cal	#	86
25) 2-Butanone	6.890	43	1906	1.735	ug/l #	89
31) Cyclohexane	7.701	56	8349	1.259	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	27467	4.312	ug/l #	51
38) Carbon Tetrachloride	7.707	117	36163	4.957	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	151968	54.749	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	151968	126.152	ug/l #	12

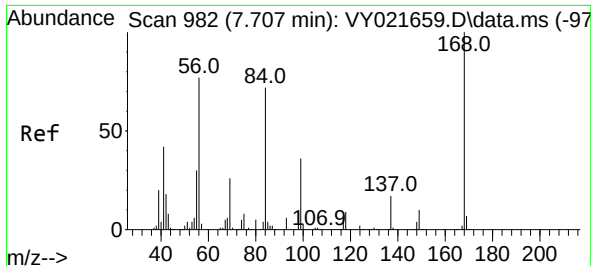
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021723.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Time: Apr 01 05:39:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

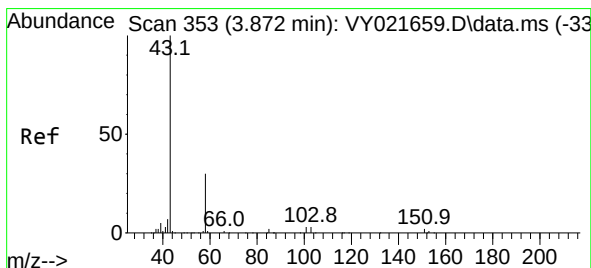
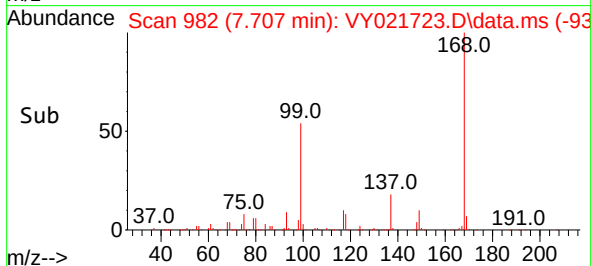
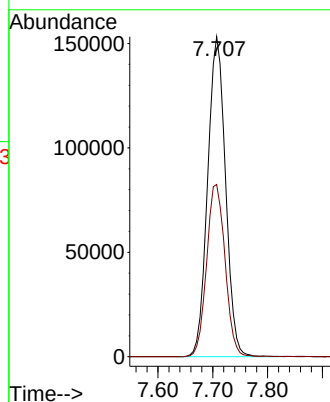
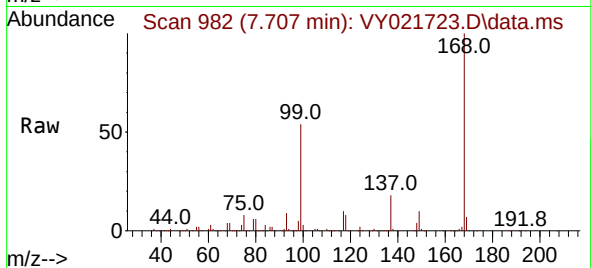




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

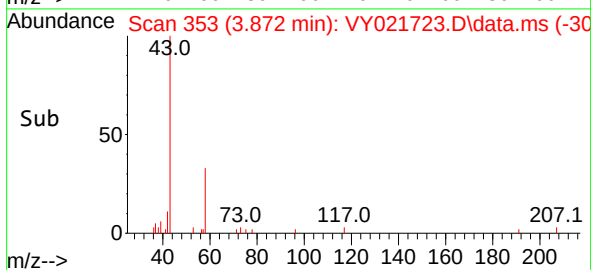
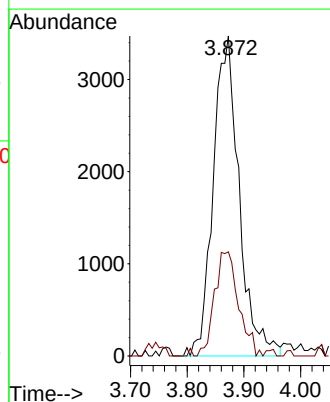
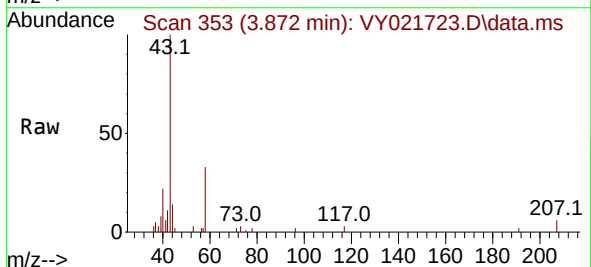
Instrument :
MSVOA_Y
ClientSampleId :
T3

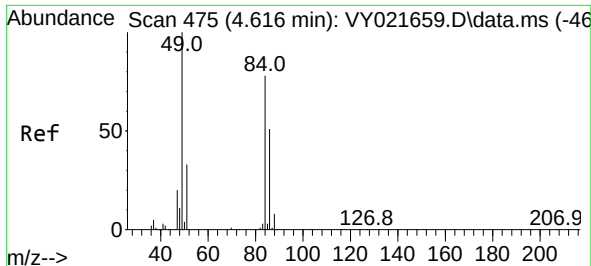
Tgt Ion:168 Resp: 346820
Ion Ratio Lower Upper
168 100
99 53.8 46.7 70.1



#16
Acetone
Concen: 14.333 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 43 Resp: 11023
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4

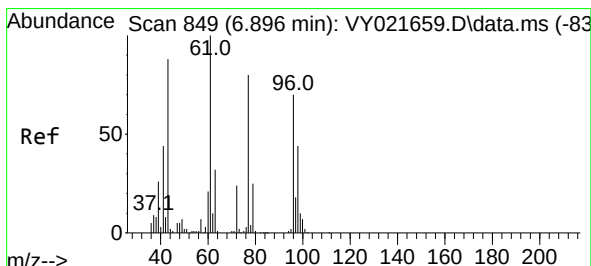
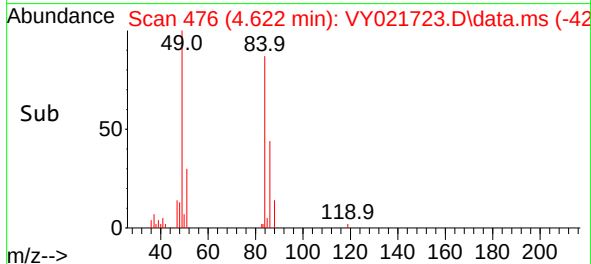
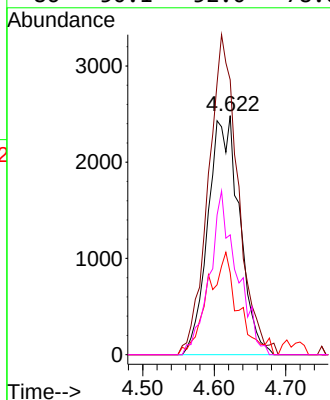
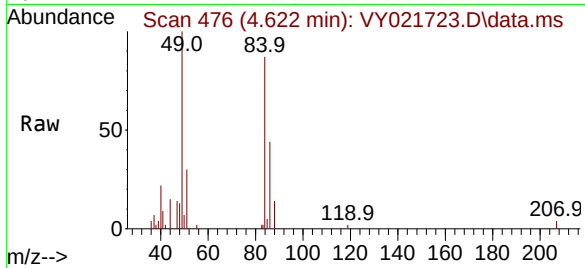




#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

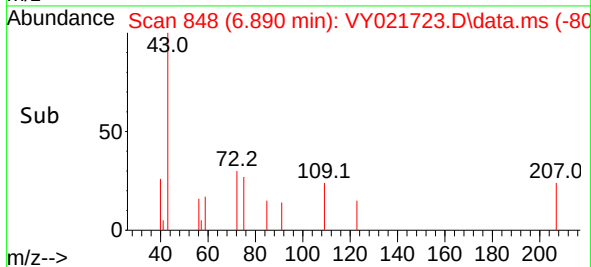
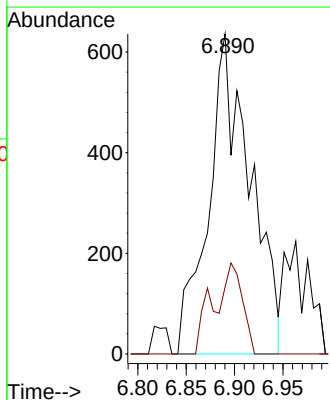
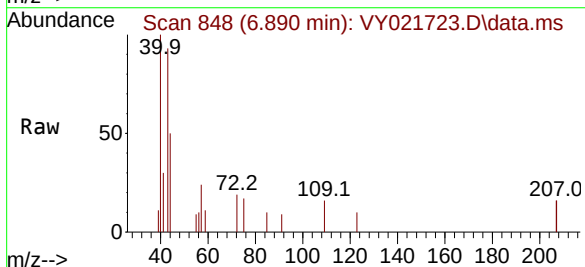
Instrument :
MSVOA_Y
ClientSampleId :
T3

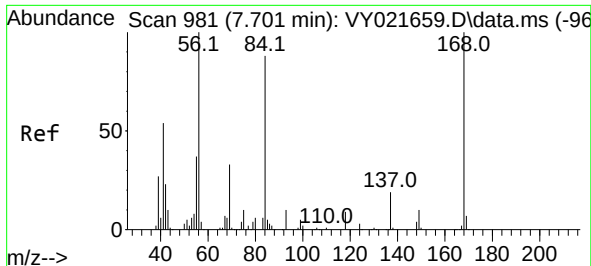
Tgt Ion: 84 Resp: 7585
Ion Ratio Lower Upper
84 100
49 115.0 102.8 154.2
51 34.2 33.5 50.3
86 50.1 52.0 78.0#



#25
2-Butanone
Concen: 1.735 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
72 20.9 21.4 32.2#

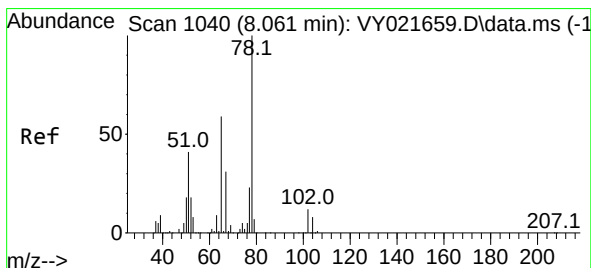
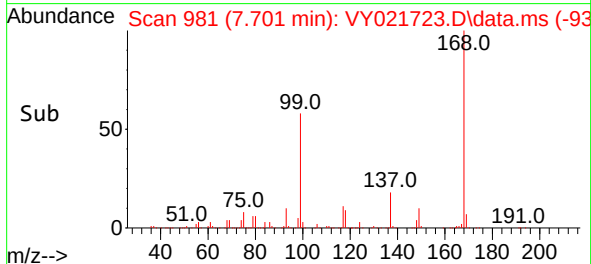
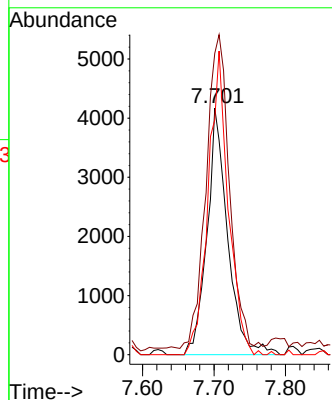
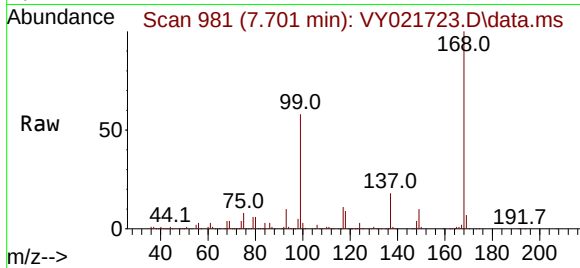




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

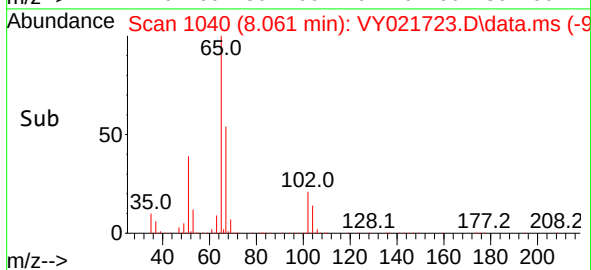
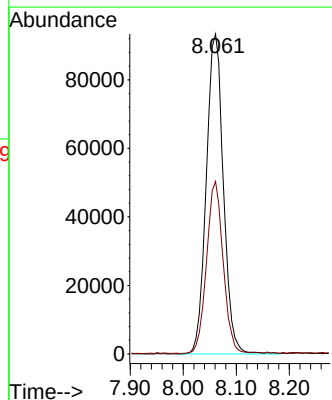
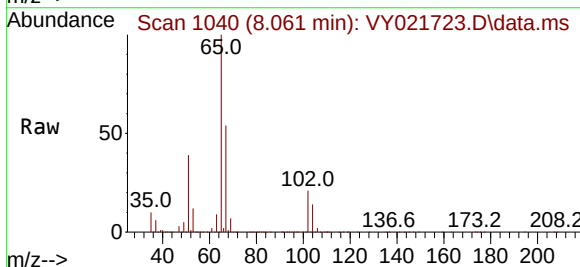
Instrument :
MSVOA_Y
ClientSampleId :
T3

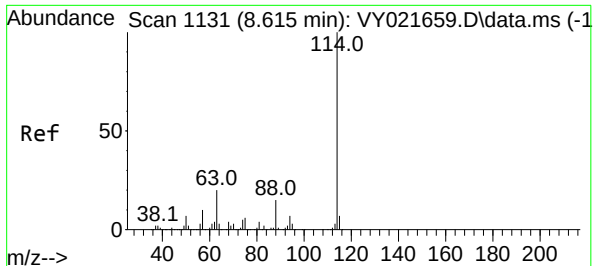
Tgt Ion: 56 Resp: 8349
Ion Ratio Lower Upper
56 100
69 119.7 26.6 40.0#
84 95.3 69.0 103.4



#33
1,2-Dichloroethane-d4
Concen: 55.555 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 65 Resp: 208758
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

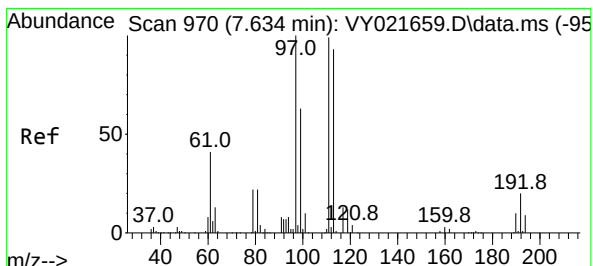
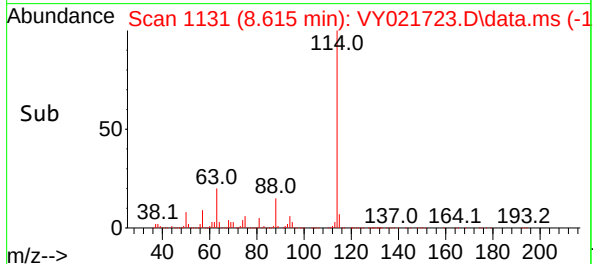
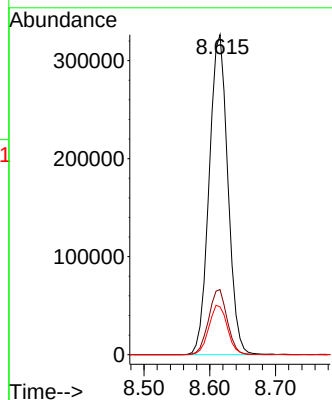
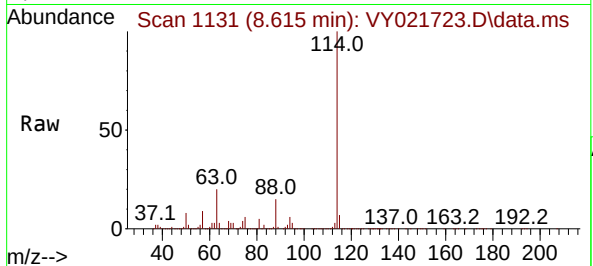




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

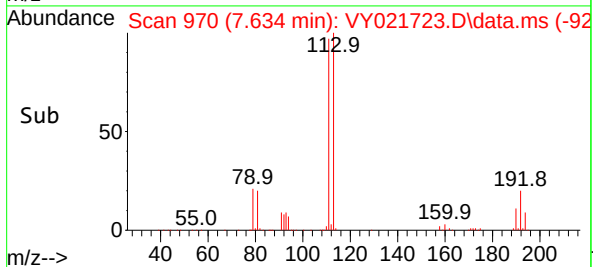
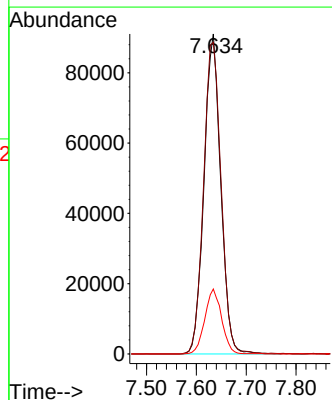
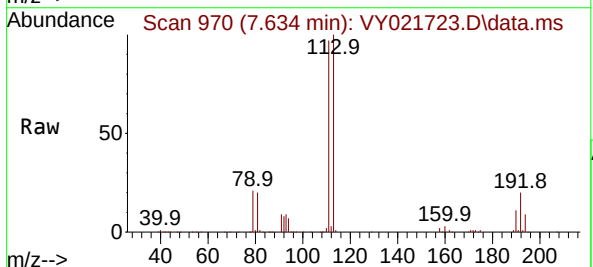
Instrument :
MSVOA_Y
ClientSampleId :
T3

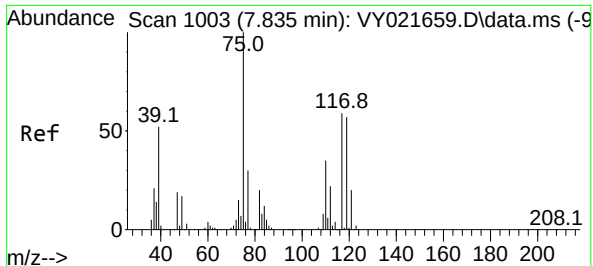
Tgt Ion:114 Resp: 644630
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.0 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.632 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion:113 Resp: 211723
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 20.4 16.2 24.4

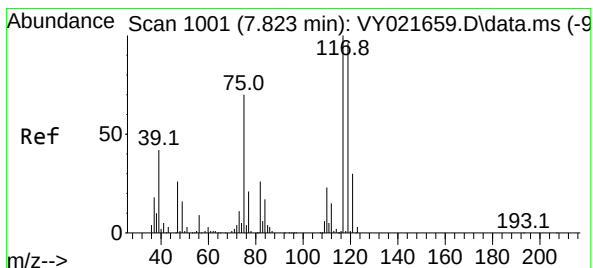
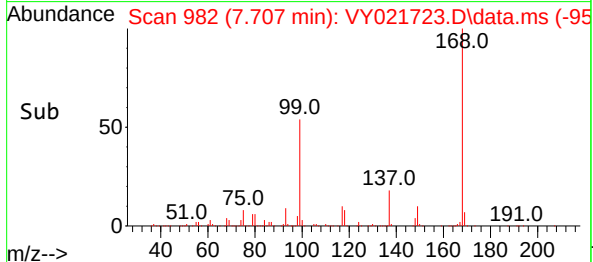
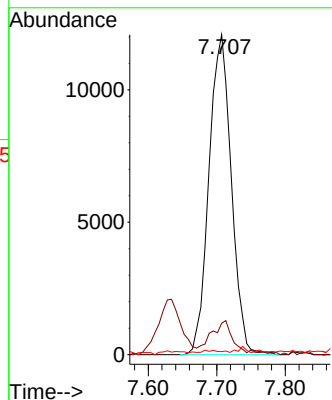
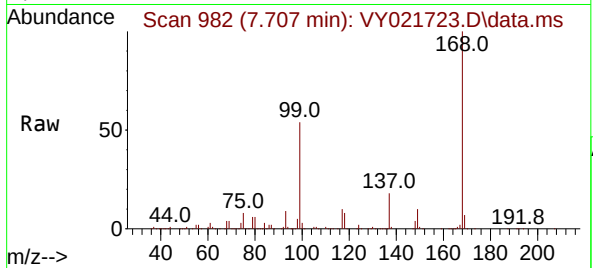




#36
1,1-Dichloropropene
Concen: 4.312 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

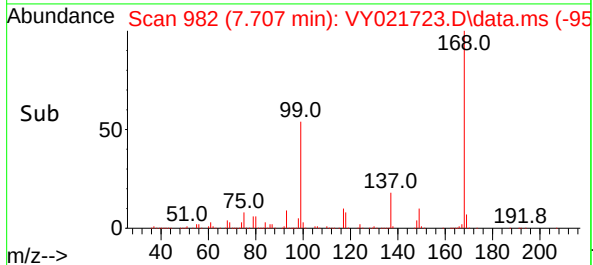
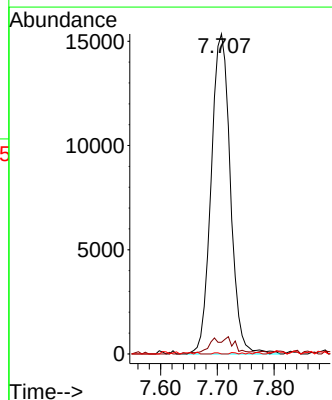
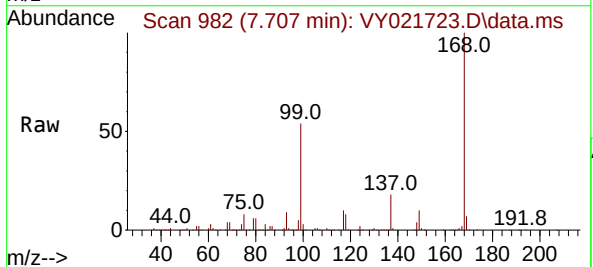
Instrument :
MSVOA_Y
ClientSampleId :
T3

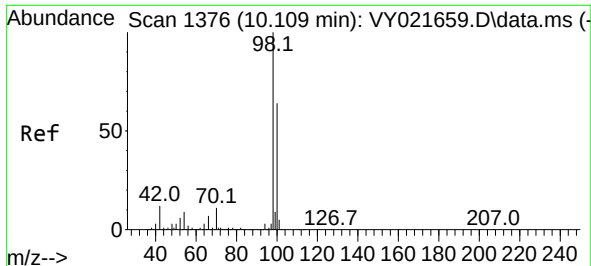
Tgt Ion: 75 Resp: 27467
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.957 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 117 Resp: 36163
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.4#
121 0.0 24.2 36.4#

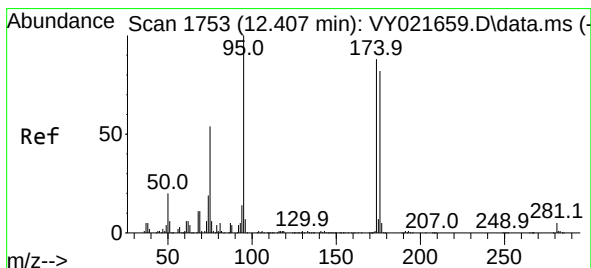
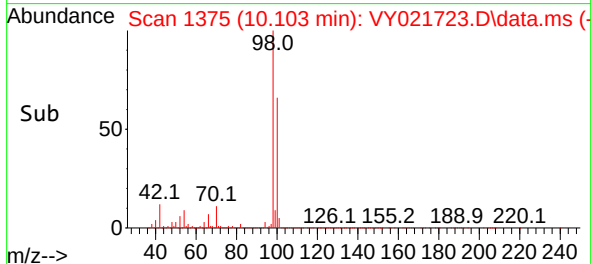
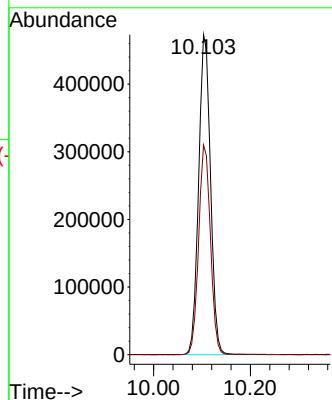
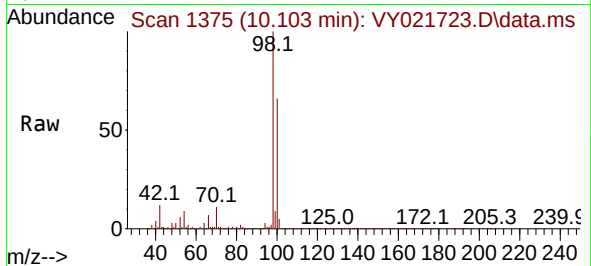




#50
Toluene-d8
Concen: 50.518 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

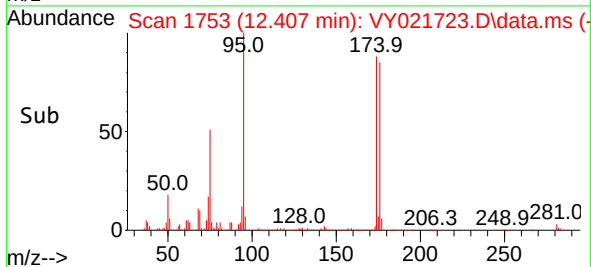
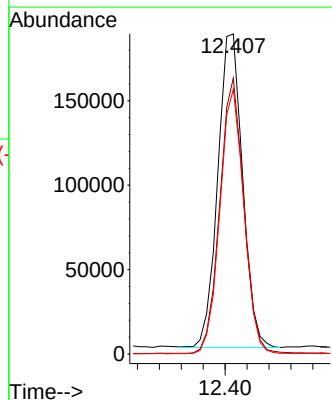
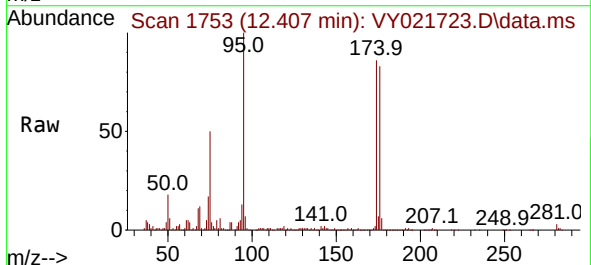
Instrument :
MSVOA_Y
ClientSampleId :
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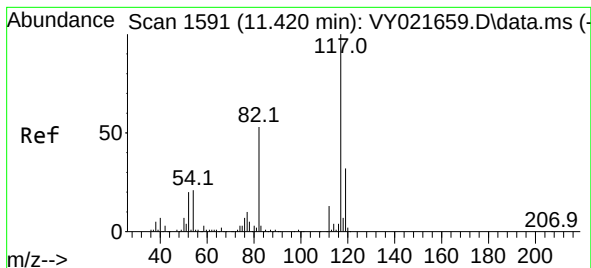
Tgt Ion: 98 Resp: 803652
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.298 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 95 Resp: 292173
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.8
176 81.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021723.D

Acq: 31 Mar 2025 16:35

Instrument :

MSVOA_Y

ClientSampleId :

T3

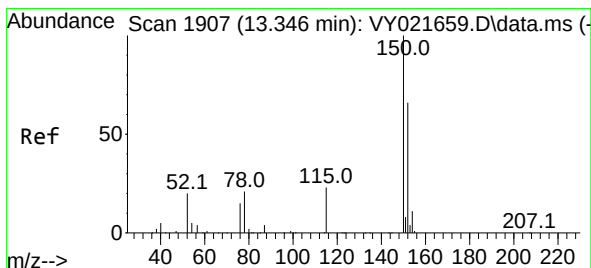
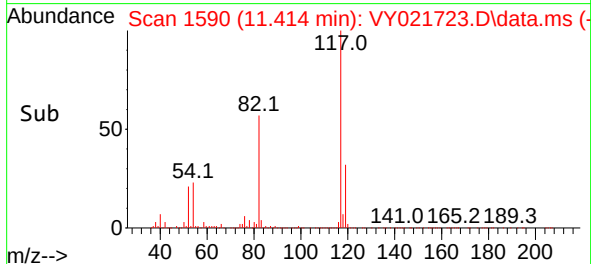
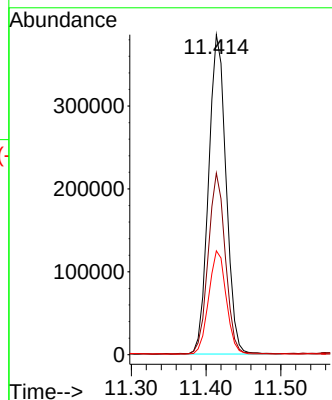
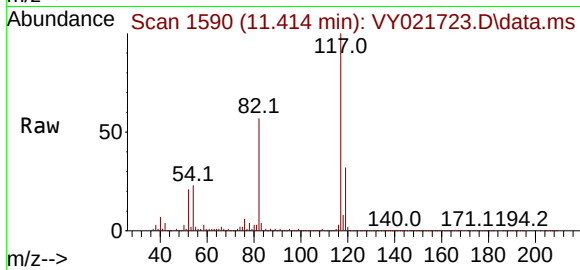
Tgt Ion:117 Resp: 625342

Ion Ratio Lower Upper

117 100

82 56.5 42.8 64.2

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021723.D

Acq: 31 Mar 2025 16:35

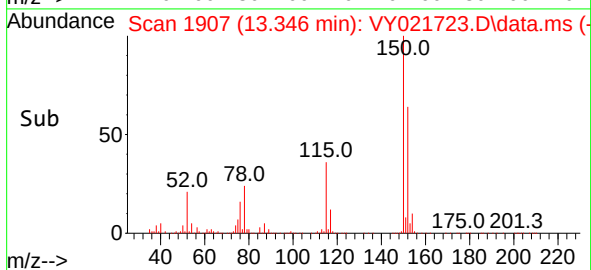
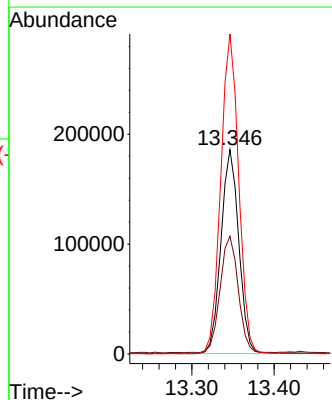
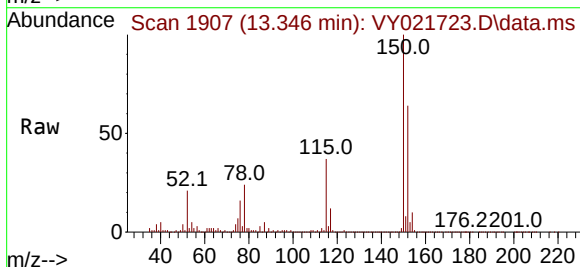
Tgt Ion:152 Resp: 280019

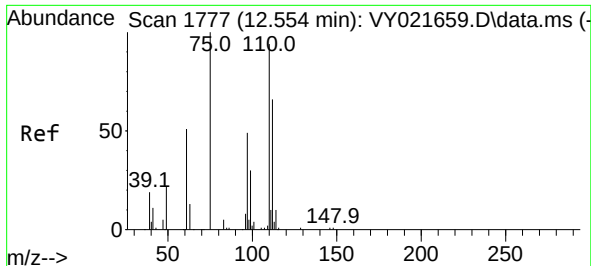
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.2 0.0 348.4

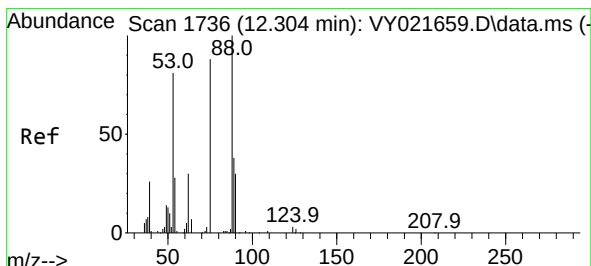
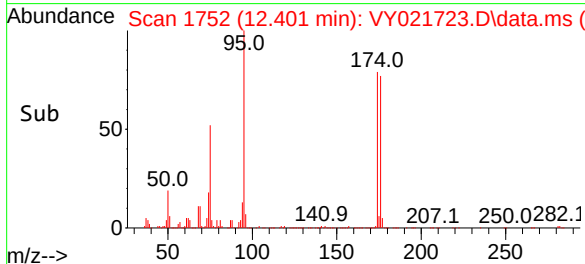
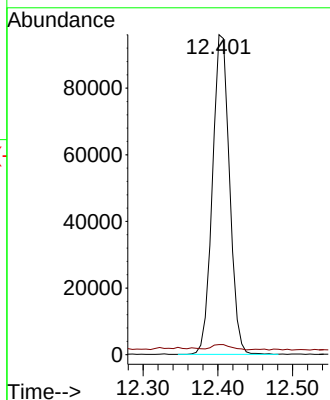
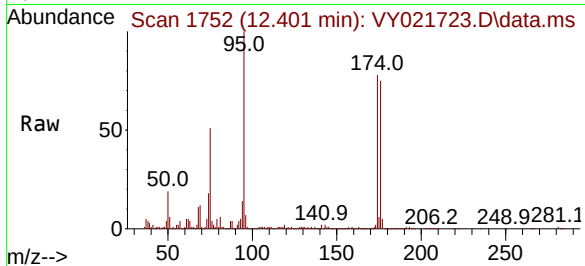




#76
1,2,3-Trichloropropane
Concen: 54.749 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Instrument :
MSVOA_Y
ClientSampleId :
T3

Tgt Ion: 75 Resp: 151968
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.152 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 75 Resp: 151968
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.2 36.2 54.4#

