

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021051.D
 Acq On : 04 Feb 2025 12:19
 Operator : SY/MD
 Sample : Q1207-17
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:45:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

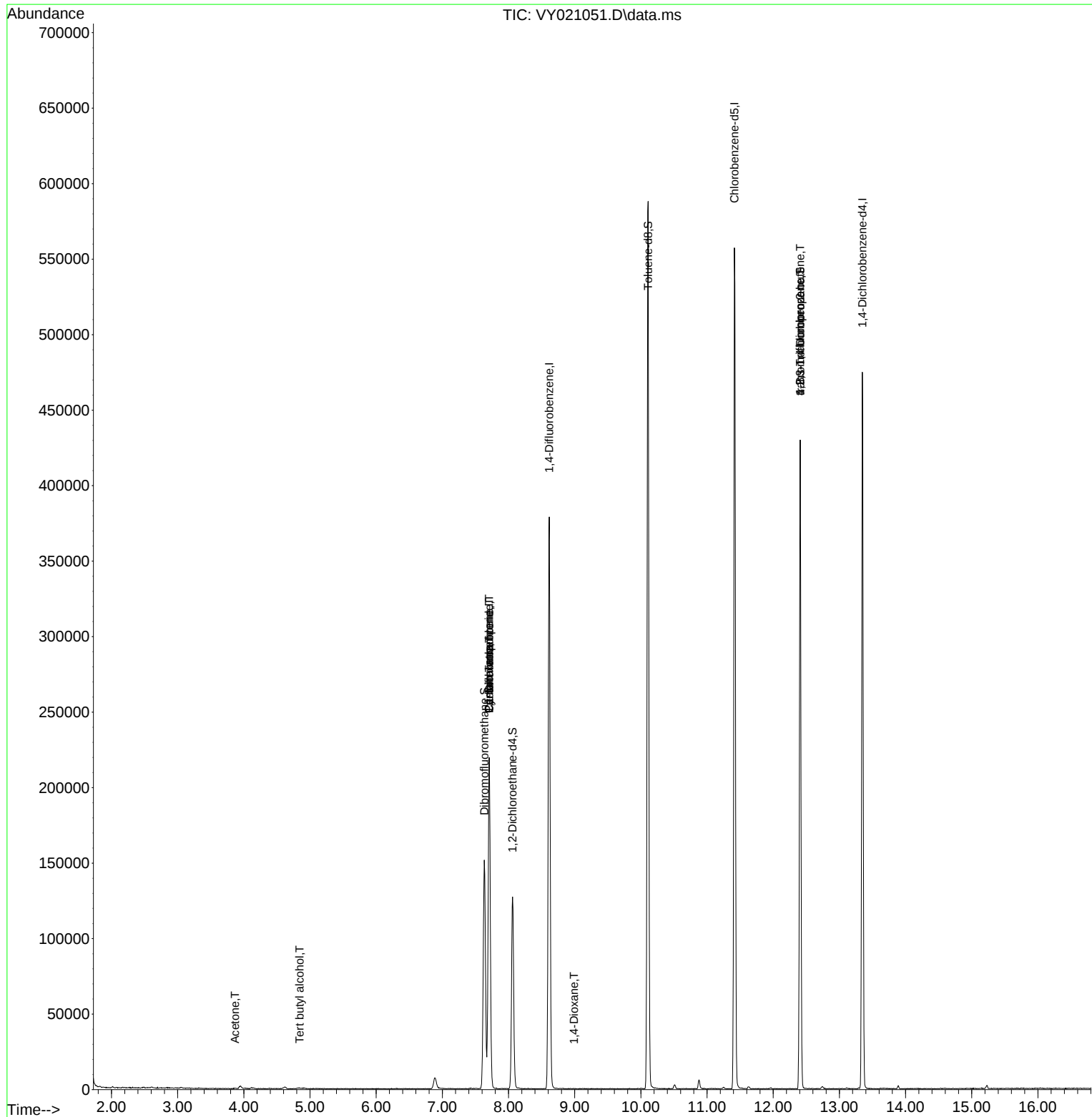
Internal Standards						
1) Pentafluorobenzene	7.707	168	167108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	314248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104413	60.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.960%	
35) Dibromofluoromethane	7.634	113	104774	52.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.109	98	381221	49.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.408	95	121656	48.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.140%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	412	3.551	ug/l #	75
16) Acetone	3.866	43	424	1.588	ug/l #	41
31) Cyclohexane	7.707	56	3715	1.272	ug/l #	30
36) 1,1-Dichloropropene	7.707	75	13456	4.511	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16984	4.873	ug/l #	15
49) 1,4-Dioxane	8.987	88	50	4.669	ug/l #	25
76) 1,2,3-Trichloropropane	12.408	75	68075	64.162	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	68075	130.921	ug/l #	12

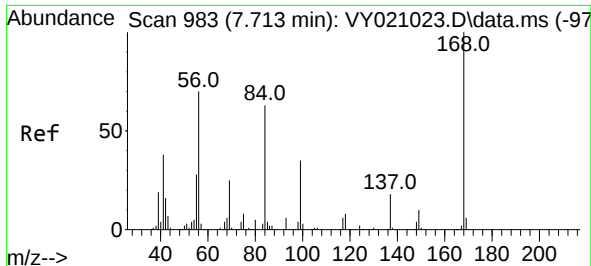
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

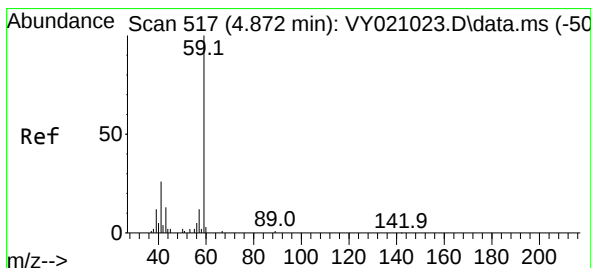
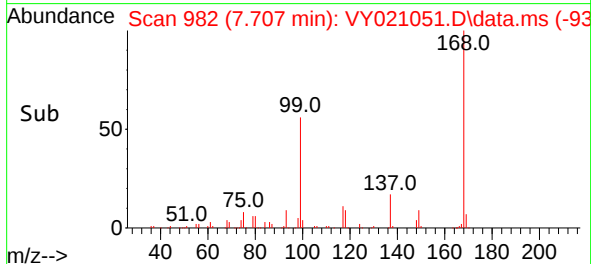
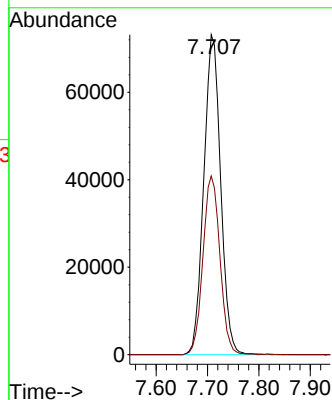
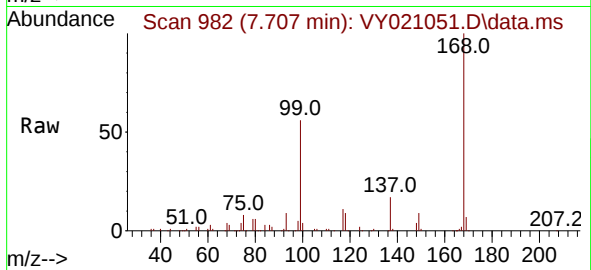




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

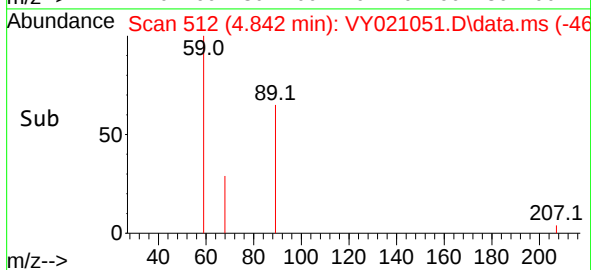
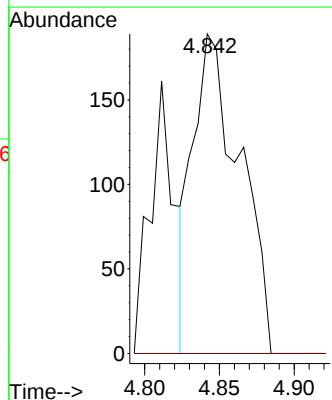
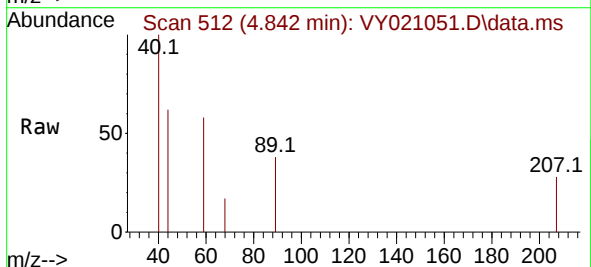
Instrument :
MSVOA_Y
ClientSampleId :

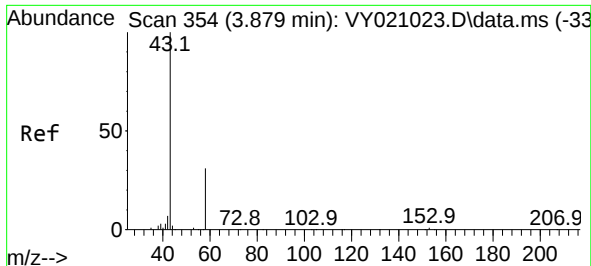
Tgt Ion:168 Resp: 167108
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.551 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.588 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY021051.D

Acq: 04 Feb 2025 12:19

Instrument :

MSVOA_Y

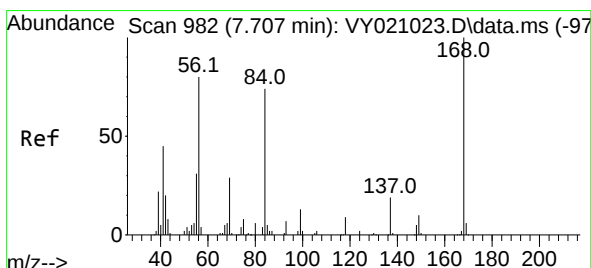
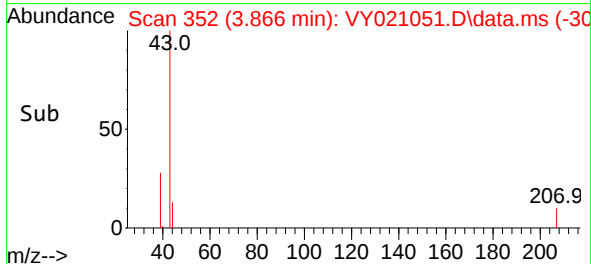
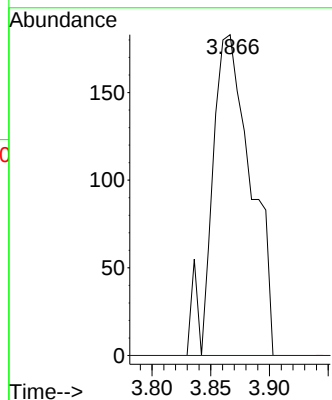
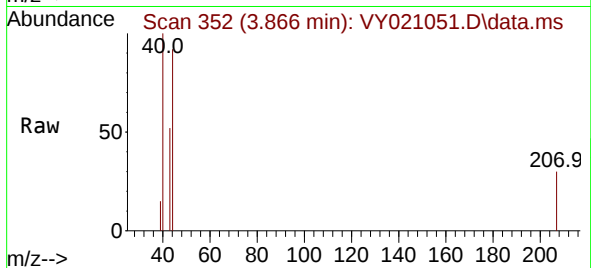
ClientSampleId :

Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.000 min

Lab File: VY021051.D

Acq: 04 Feb 2025 12:19

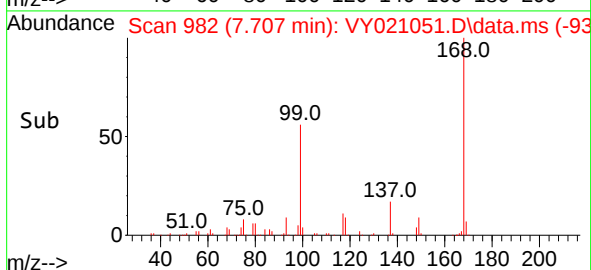
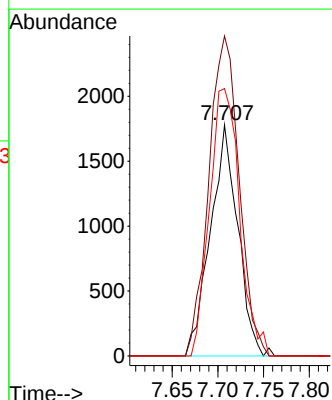
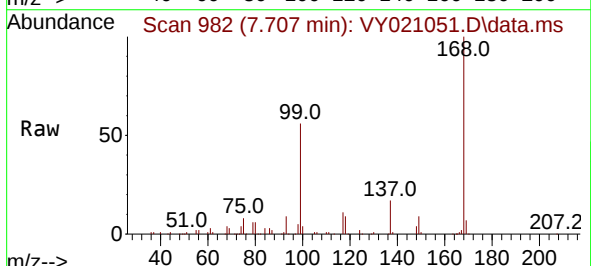
Tgt Ion: 56 Resp: 3715

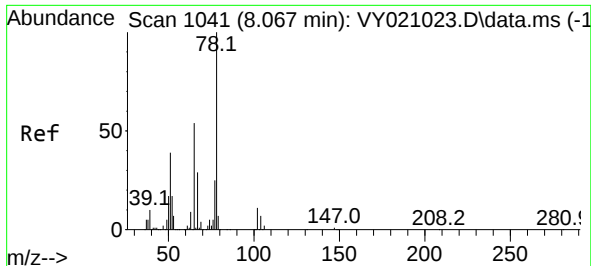
Ion Ratio Lower Upper

56 100

69 138.5 27.0 40.6#

84 115.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 60.983 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021051.D

Acq: 04 Feb 2025 12:19

Instrument :

MSVOA_Y

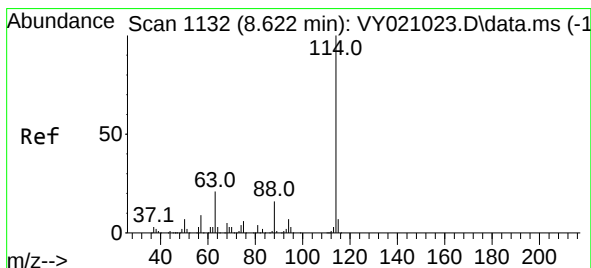
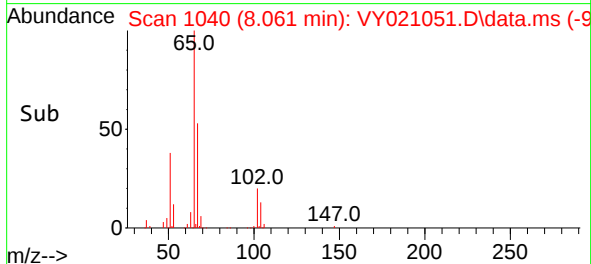
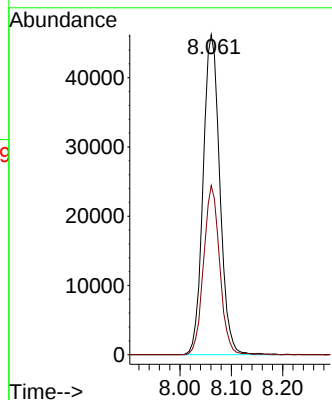
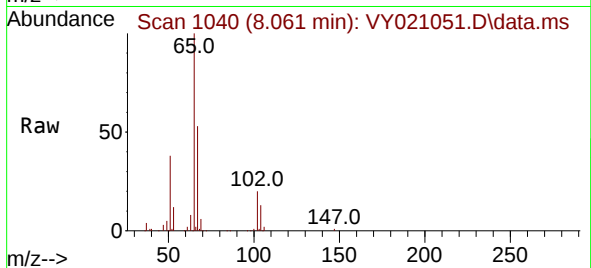
ClientSampleId :

Tgt Ion: 65 Resp: 104413

Ion Ratio Lower Upper

65 100

67 50.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021051.D

Acq: 04 Feb 2025 12:19

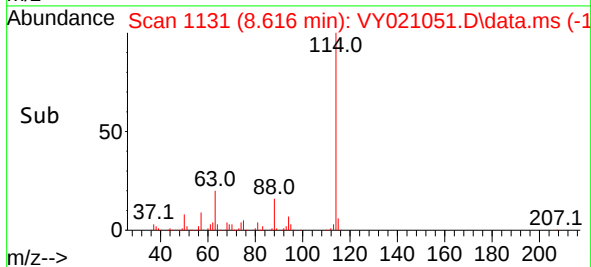
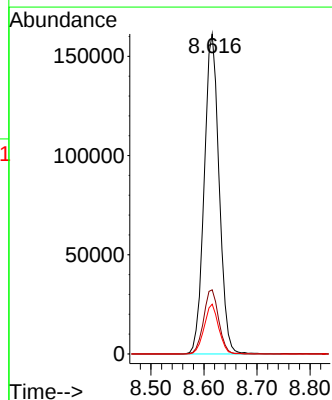
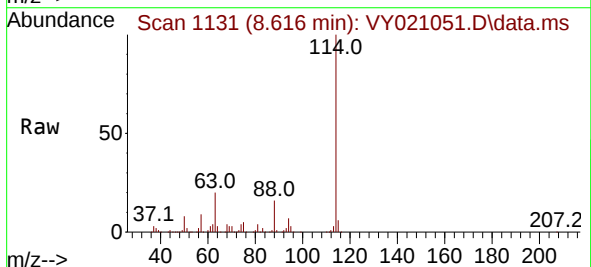
Tgt Ion: 114 Resp: 314248

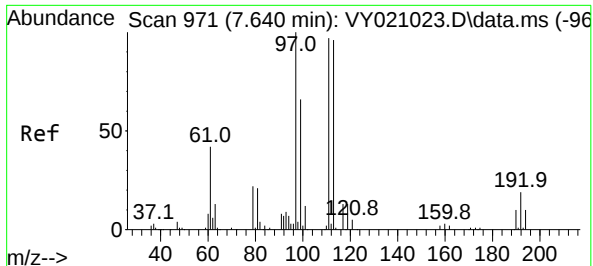
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

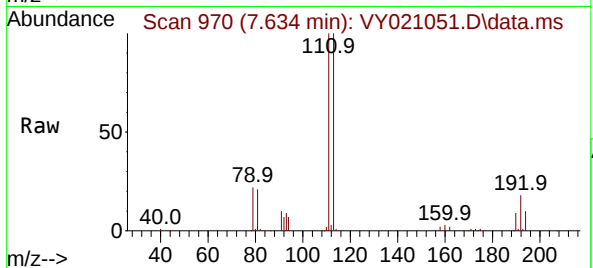
88 15.6 0.0 29.0



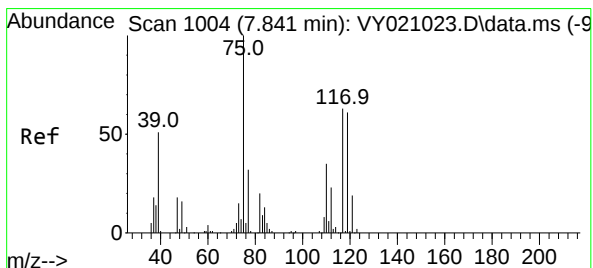
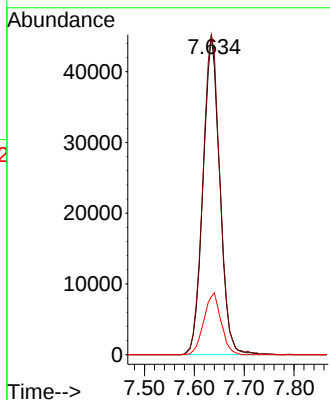
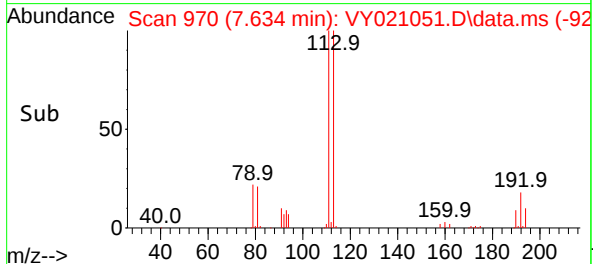


#35
Dibromofluoromethane
Concen: 52.025 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

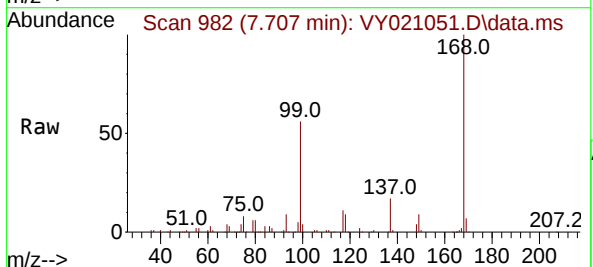
Instrument :
MSVOA_Y
ClientSampleId :



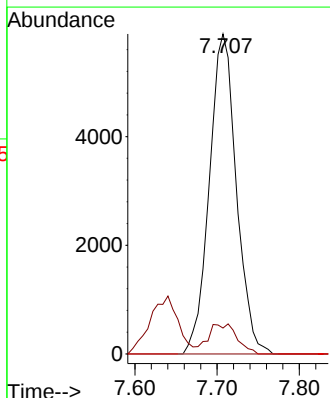
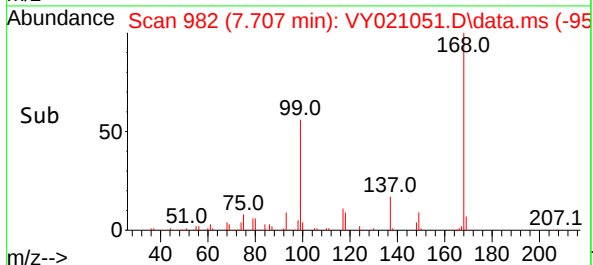
Tgt Ion:113 Resp: 104774
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 20.0 14.5 21.7

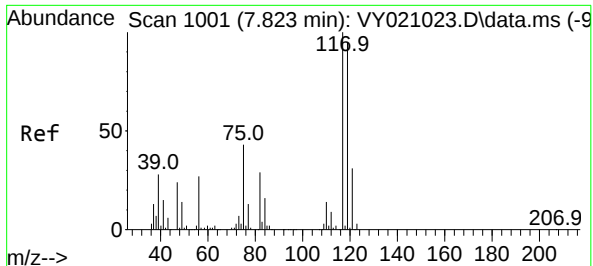


#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19



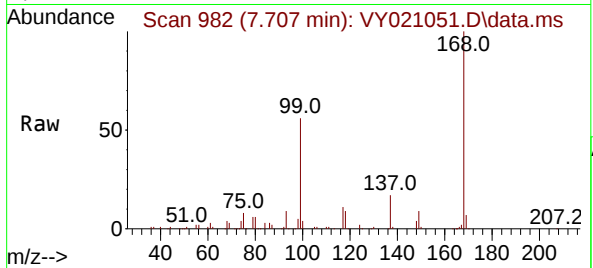
Tgt Ion: 75 Resp: 13456
Ion Ratio Lower Upper
75 100
110 10.1 17.4 52.3#
77 0.0 24.7 37.1#



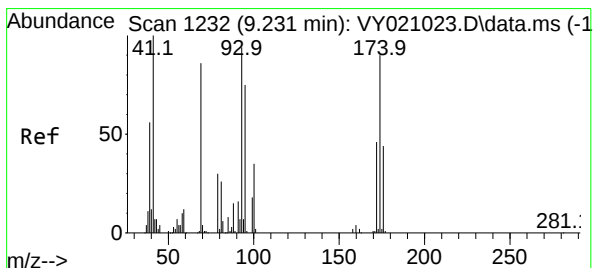
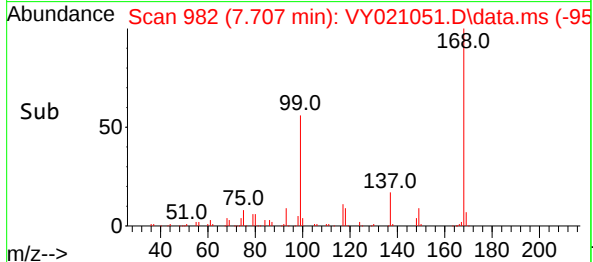
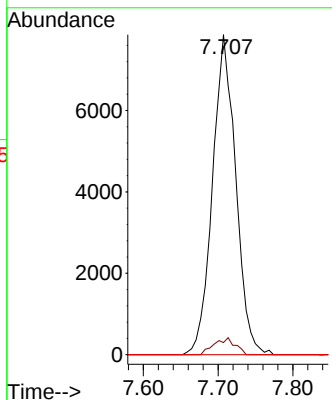


#38
Carbon Tetrachloride
Concen: 4.873 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Instrument :
MSVOA_Y
ClientSampleId :

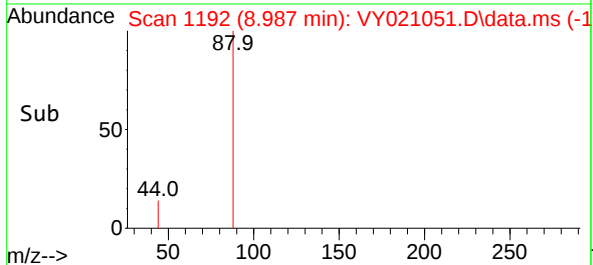
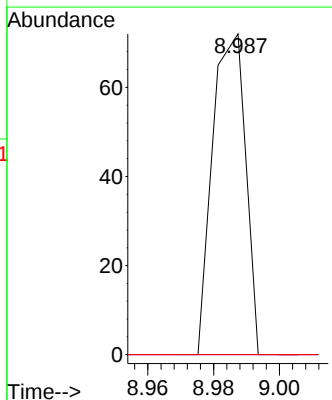
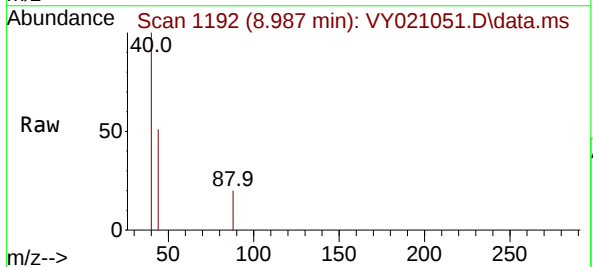


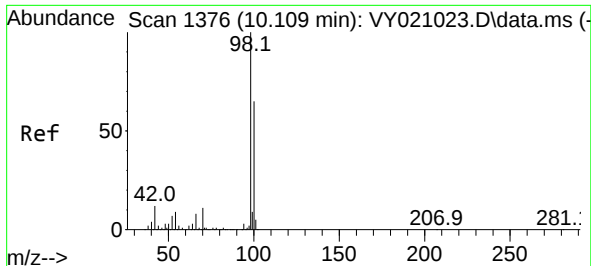
Tgt Ion:117 Resp: 16984
Ion Ratio Lower Upper
117 100
119 3.8 76.0 114.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 4.669 ug/l
RT: 8.987 min Scan# 1192
Delta R.T. -0.244 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 52.2 78.2#

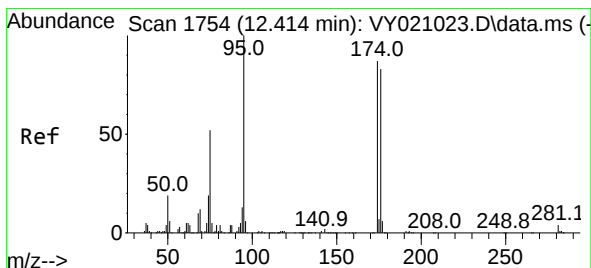
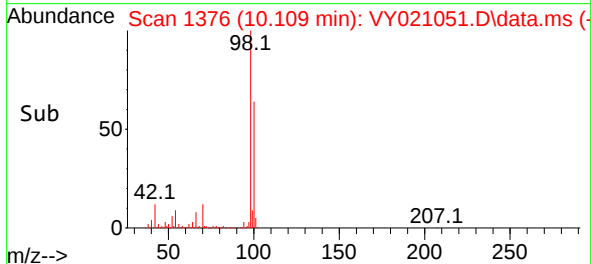
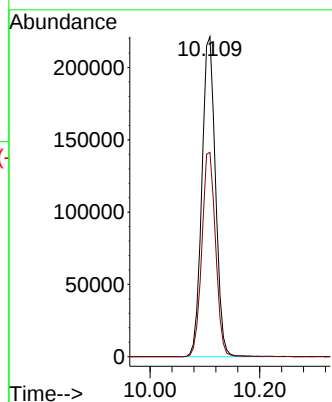
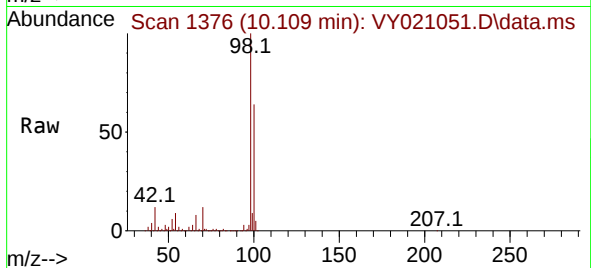




#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

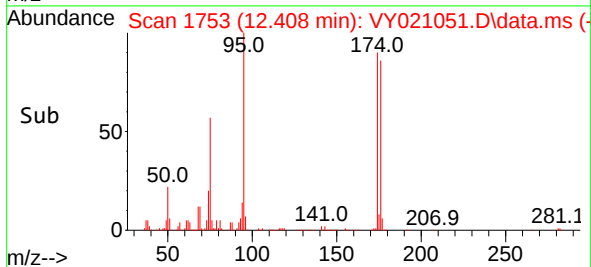
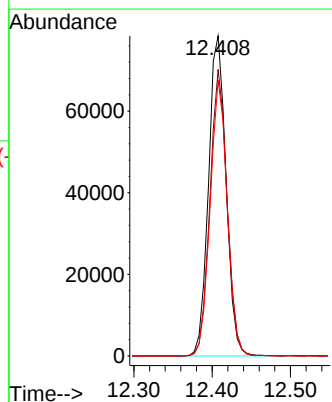
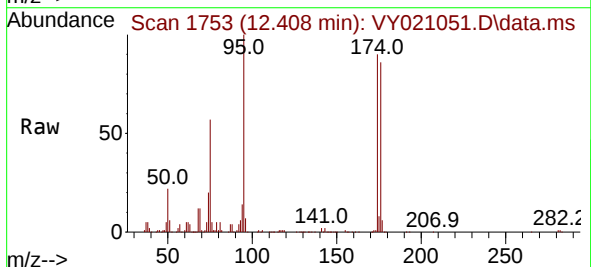
Instrument :
MSVOA_Y
ClientSampleId :

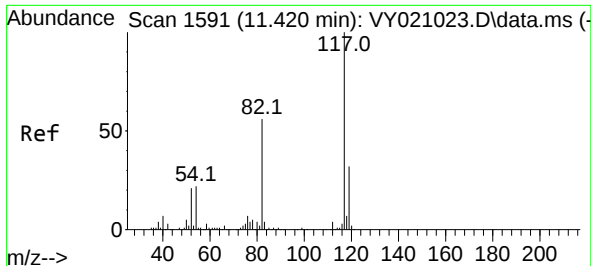
Tgt Ion: 98 Resp: 381221
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.569 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

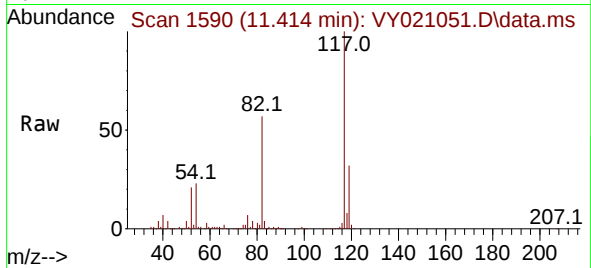
Tgt Ion: 95 Resp: 121656
Ion Ratio Lower Upper
95 100
174 88.0 0.0 160.0
176 84.0 0.0 151.8



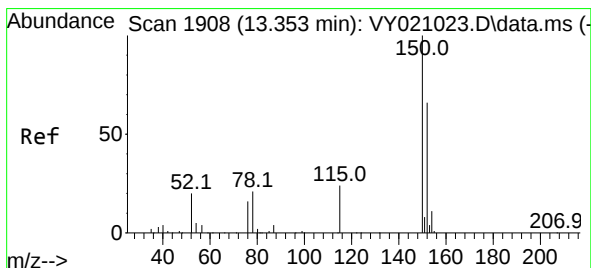
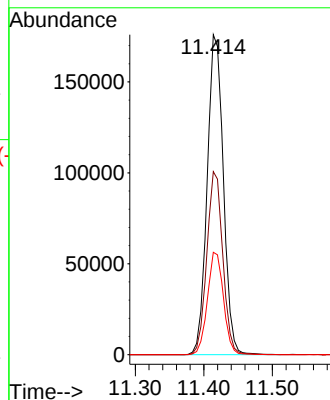
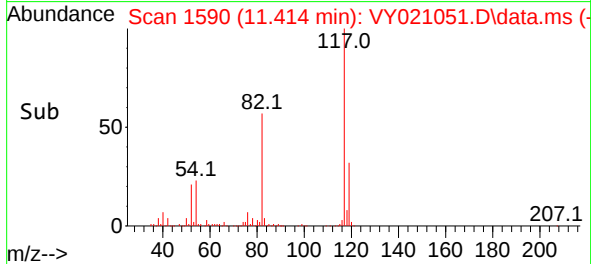


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

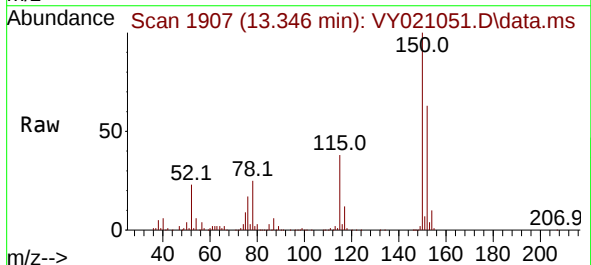
Instrument :
MSVOA_Y
ClientSampleId :



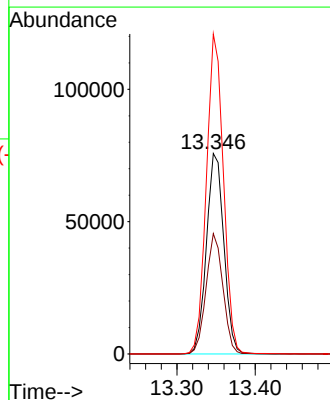
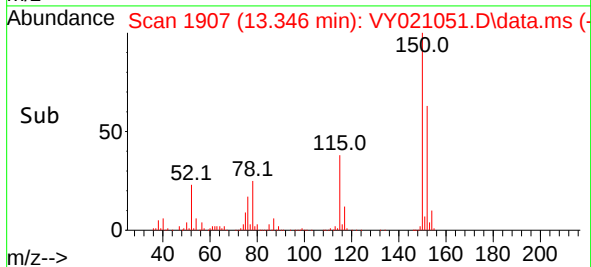
Tgt Ion:117 Resp: 289240
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.0 26.5 39.7

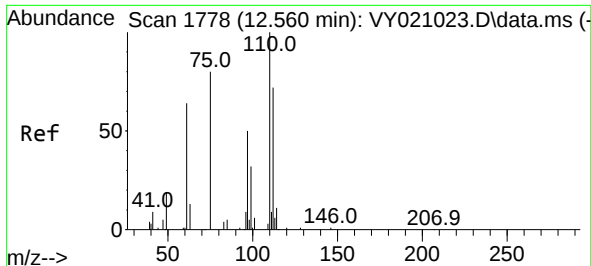


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19



Tgt Ion:152 Resp: 116962
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 155.8 0.0 344.6

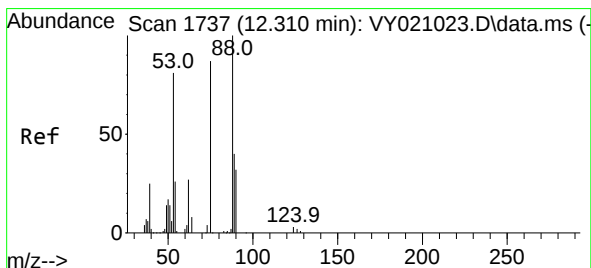
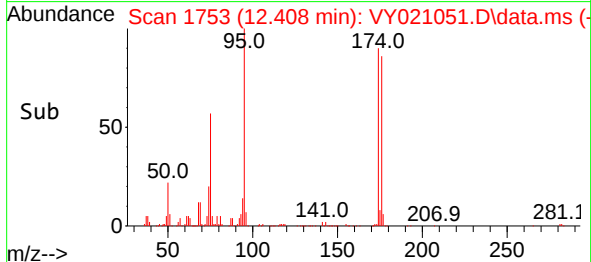
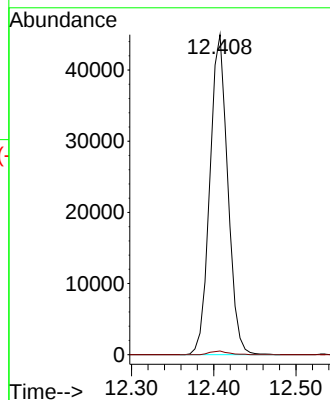
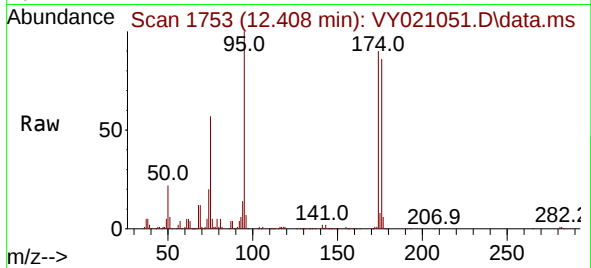




#76
1,2,3-Trichloropropane
Concen: 64.162 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68075
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.921 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021051.D
Acq: 04 Feb 2025 12:19

Tgt Ion: 75 Resp: 68075
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

