

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022031.D
 Acq On : 28 Apr 2025 15:05
 Operator : SY/MD
 Sample : Q1895-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 03:54:21 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)

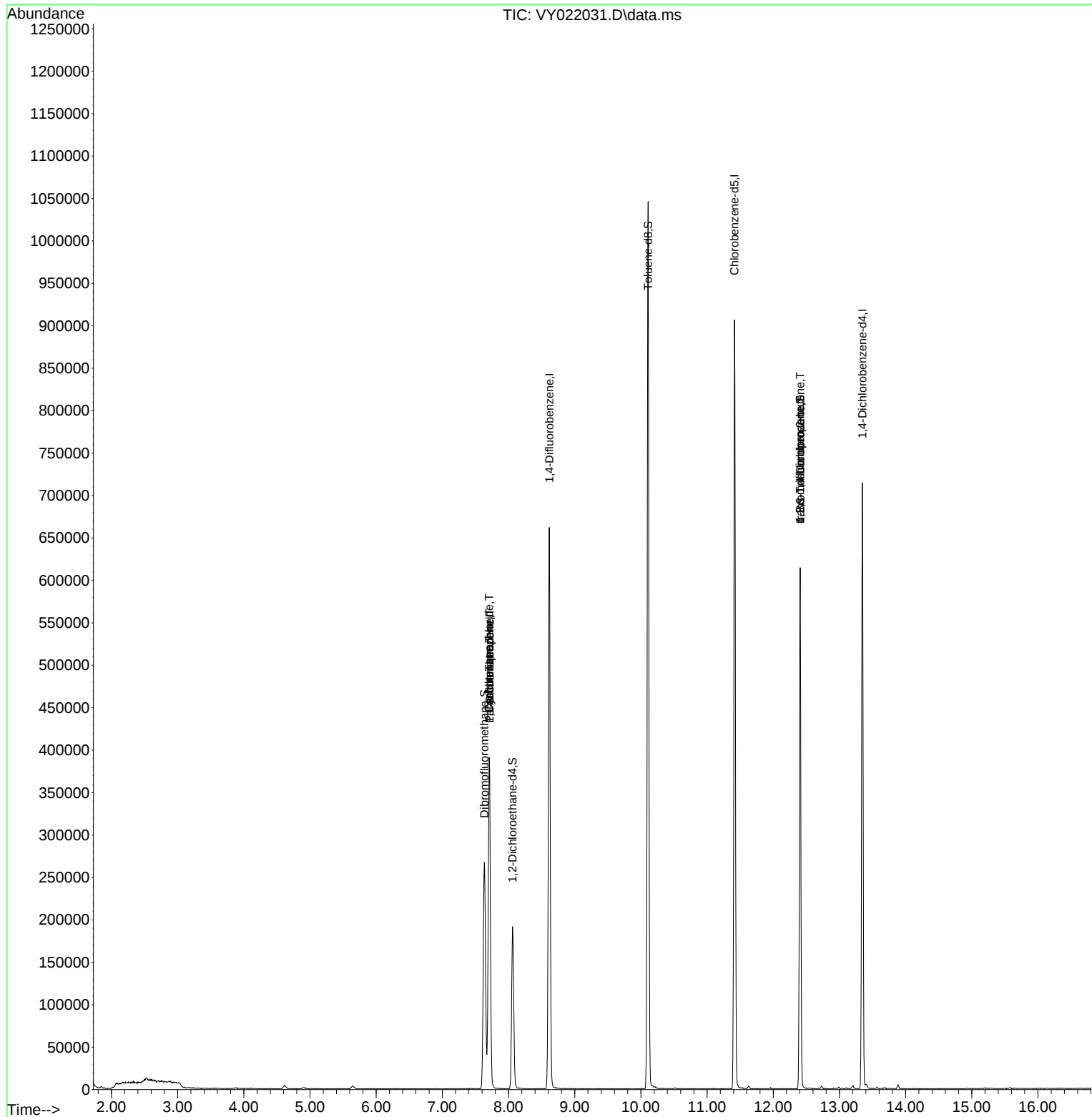
Internal Standards						
1) Pentafluorobenzene	7.713	168	307365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	578983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147621	51.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.000%	
35) Dibromofluoromethane	7.634	113	193182	50.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.109	98	691967	47.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	12.408	95	185147	38.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1832	Below Cal	#	85
31) Cyclohexane	7.707	56	5934	1.264	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	21540	4.192	ug/l #	48
38) Carbon Tetrachloride	7.707	117	30768	5.011	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	88990	55.042	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	88990	132.550	ug/l #	16

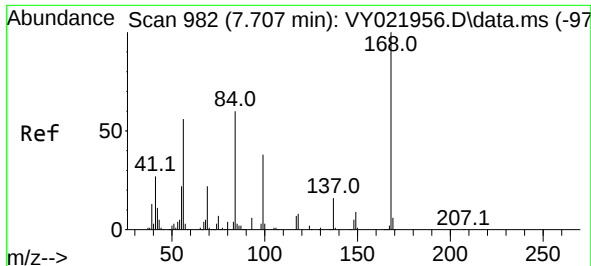
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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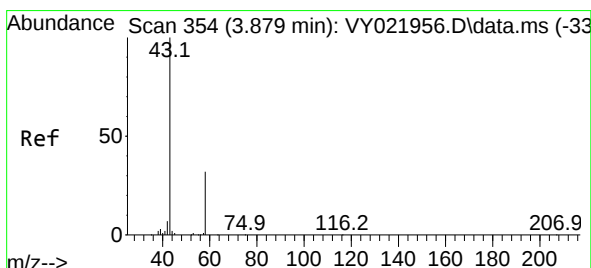
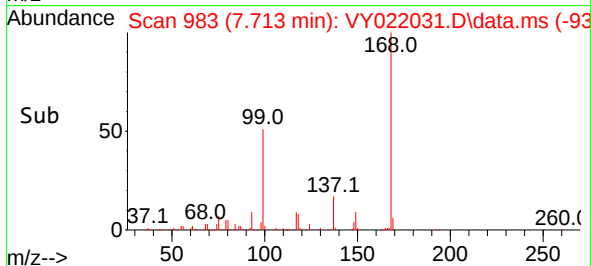
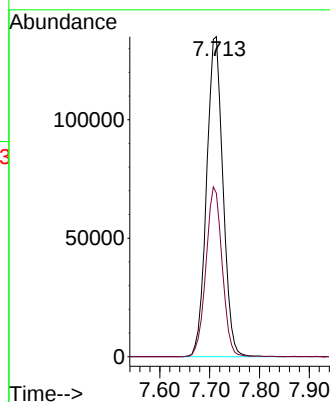
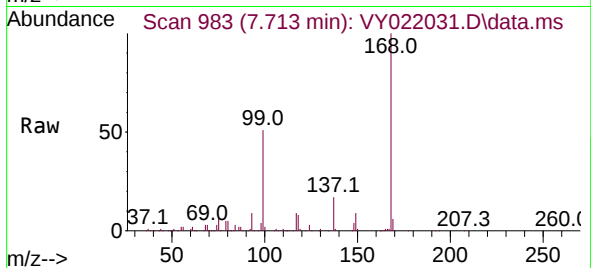




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

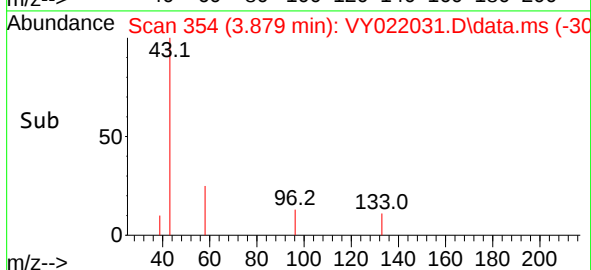
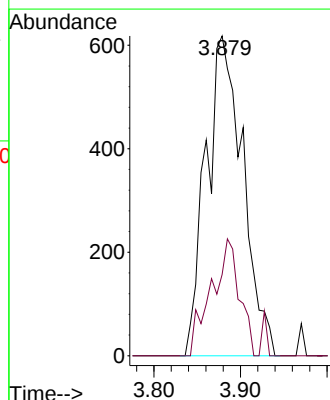
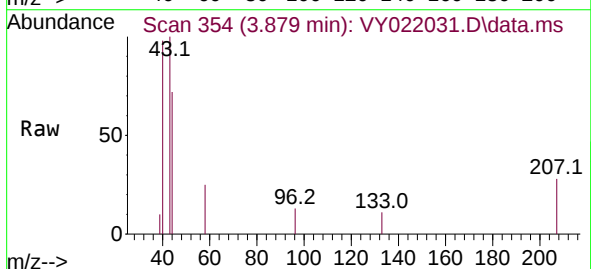
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

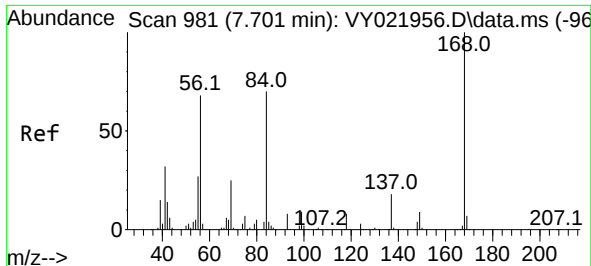
Tgt Ion:168 Resp: 307365
Ion Ratio Lower Upper
168 100
99 51.1 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 25.4 27.0 40.4#

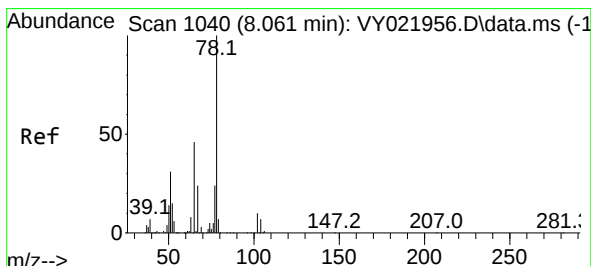
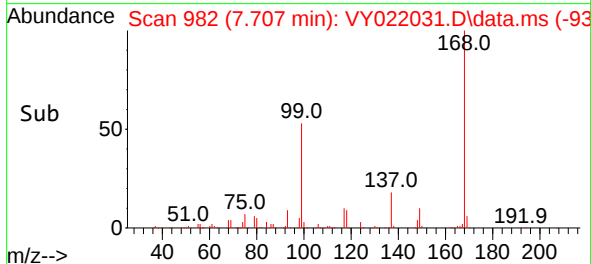
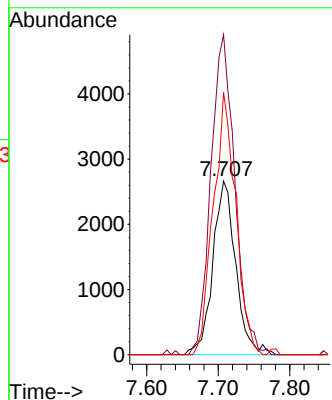
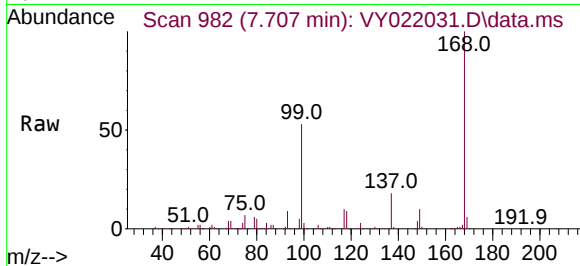




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

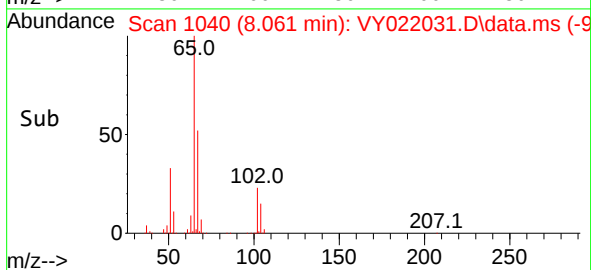
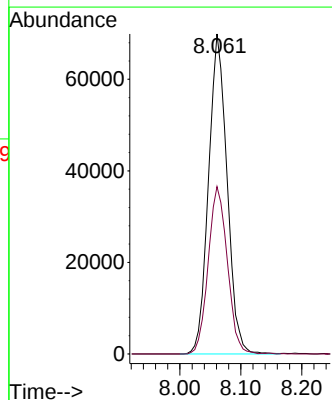
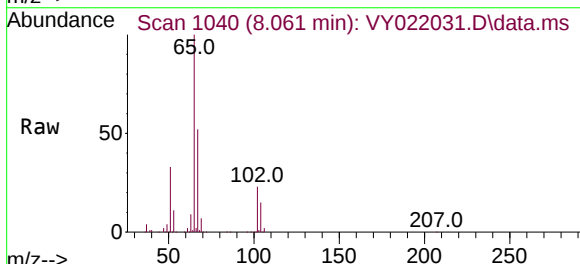
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

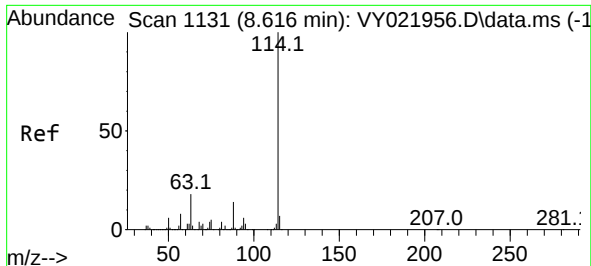
Tgt Ion: 56 Resp: 5934
Ion Ratio Lower Upper
56 100
69 184.4 29.4 44.2#
84 151.3 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 51.996 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion: 65 Resp: 147621
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

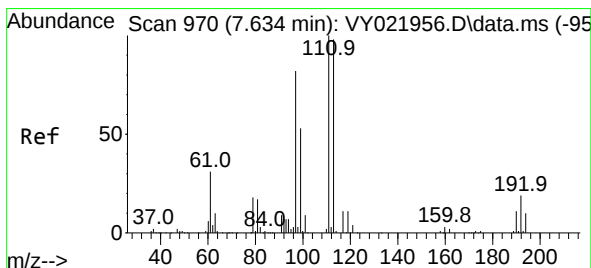
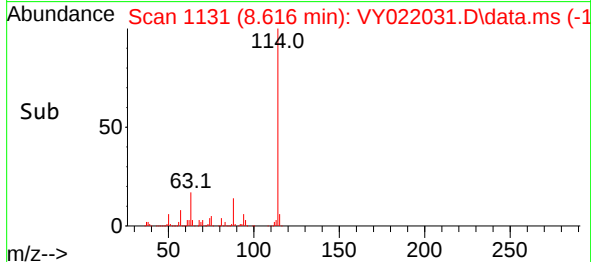
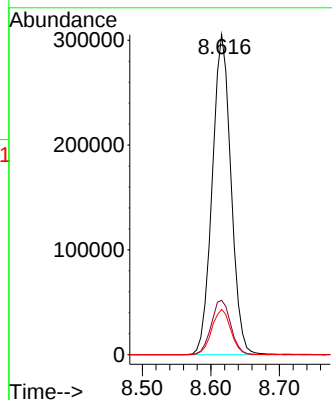
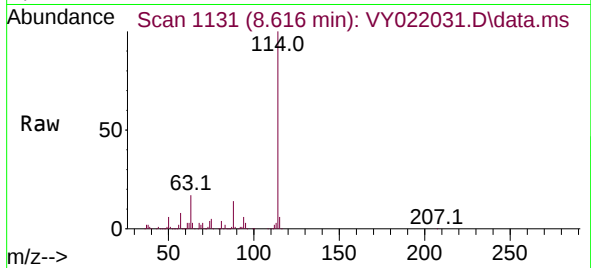




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

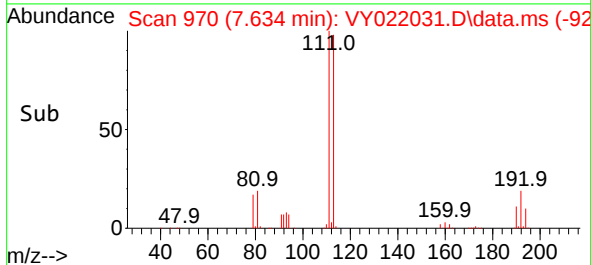
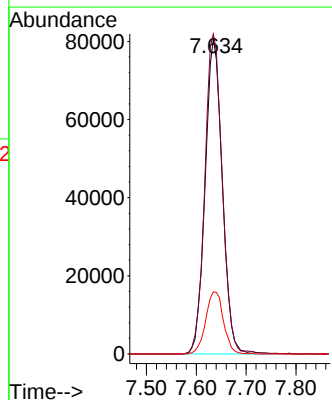
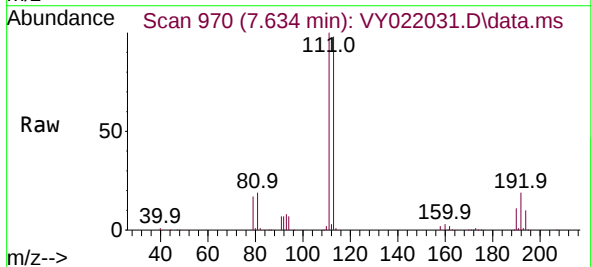
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

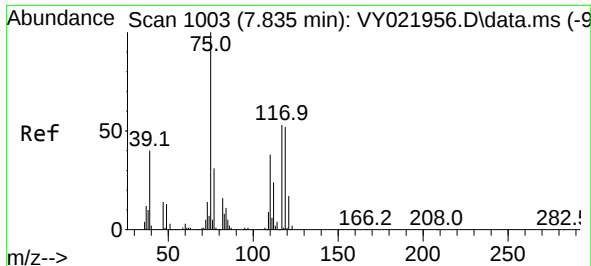
Tgt Ion:114 Resp: 578983
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.4
88 14.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion:113 Resp: 193182
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 20.4 15.6 23.4

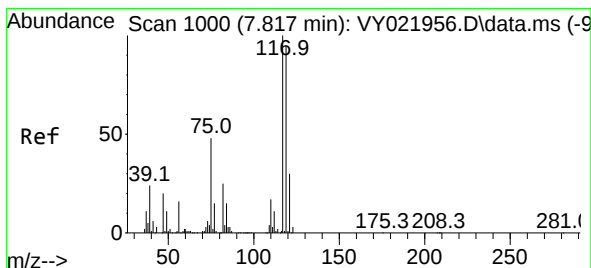
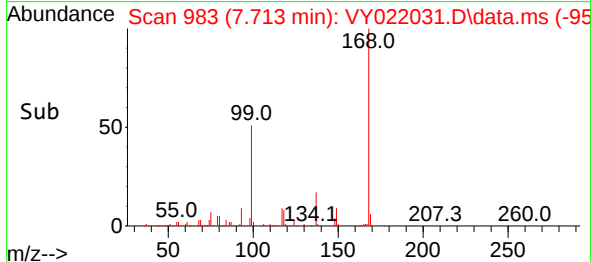
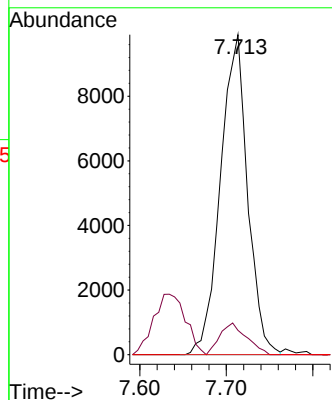
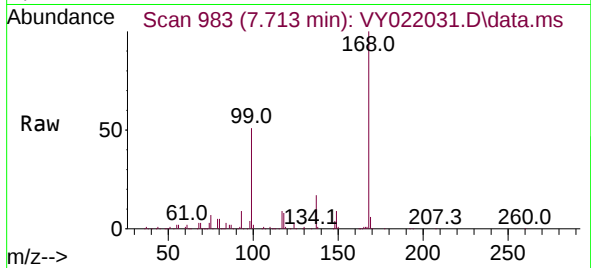




#36
 1,1-Dichloropropene
 Concen: 4.192 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY022031.D
 Acq: 28 Apr 2025 15:05

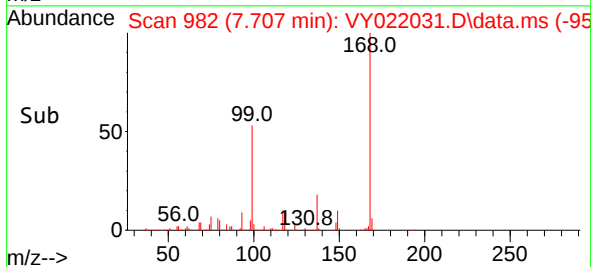
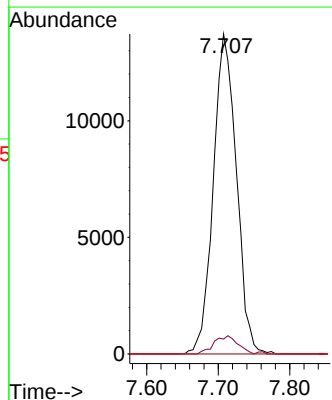
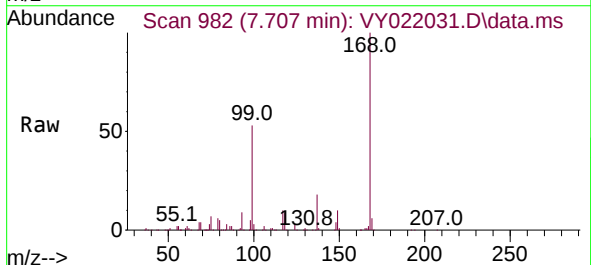
Instrument :
 MSVOA_Y
 ClientSampleId :
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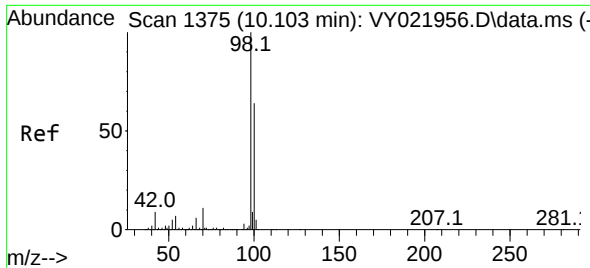
Tgt Ion: 75 Resp: 21540
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 5.011 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY022031.D
 Acq: 28 Apr 2025 15:05

Tgt Ion: 117 Resp: 30768
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.2 114.4#
 121 0.0 24.0 36.0#

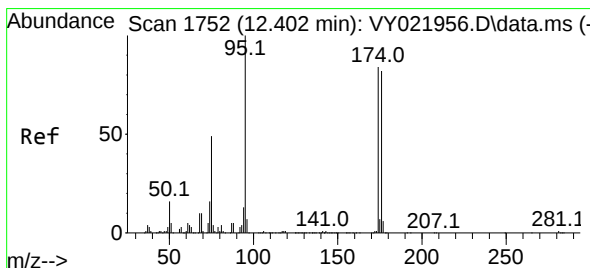
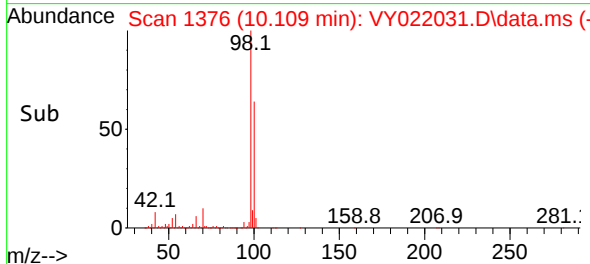
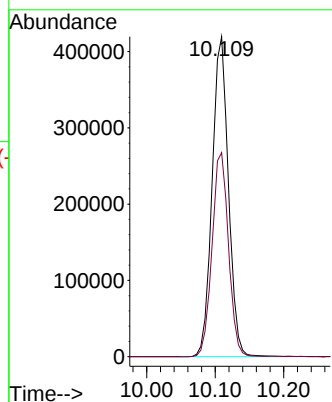
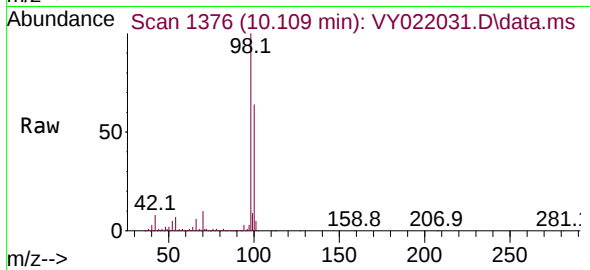




#50
Toluene-d8
Concen: 47.985 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

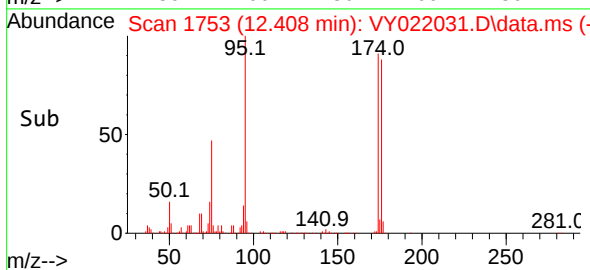
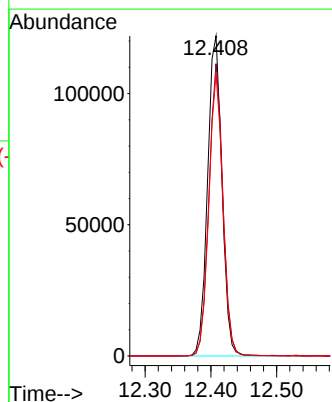
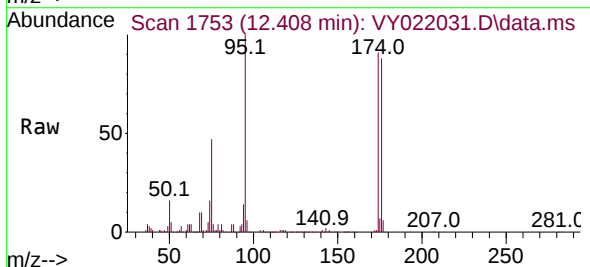
Instrument :
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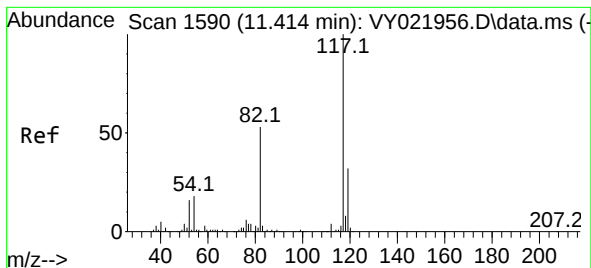
Tgt Ion: 98 Resp: 691967
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.139 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion: 95 Resp: 185147
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 86.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022031.D

Acq: 28 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

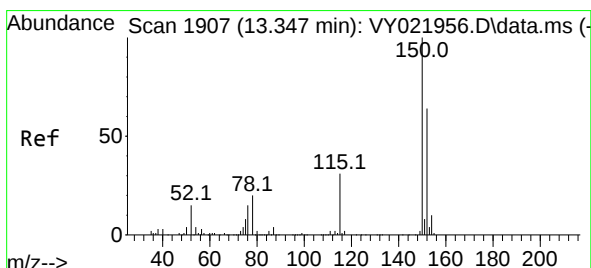
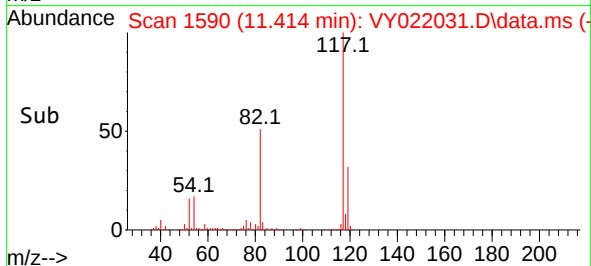
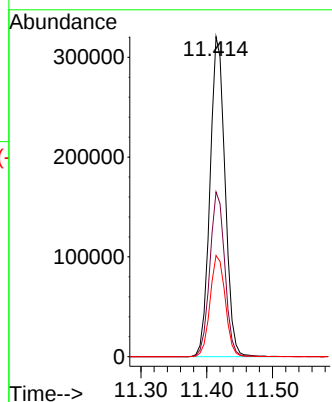
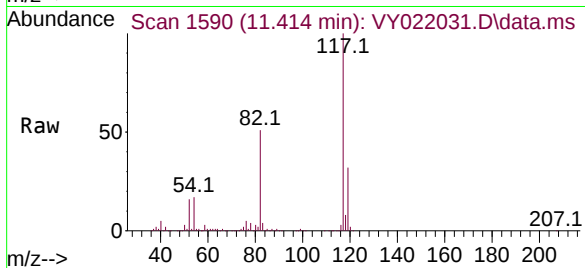
Tgt Ion:117 Resp: 510599

Ion Ratio Lower Upper

117 100

82 51.5 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: VY022031.D

Acq: 28 Apr 2025 15:05

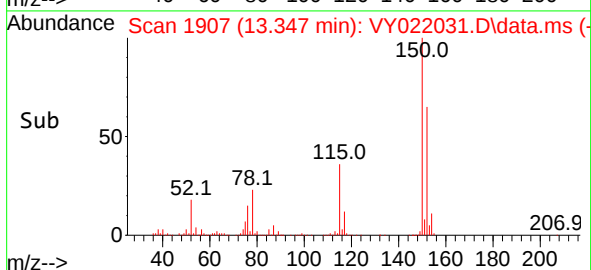
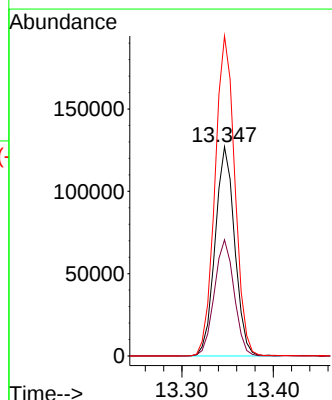
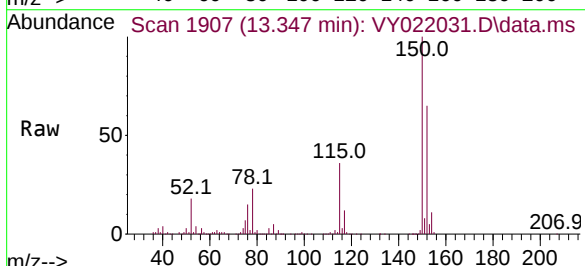
Tgt Ion:152 Resp: 188753

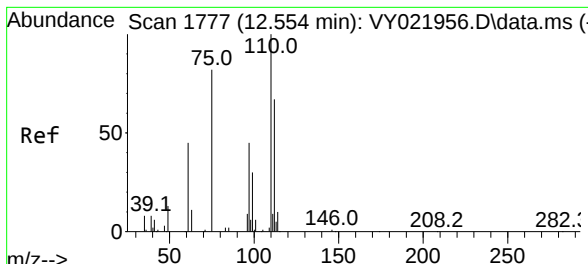
Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 155.5 0.0 345.6

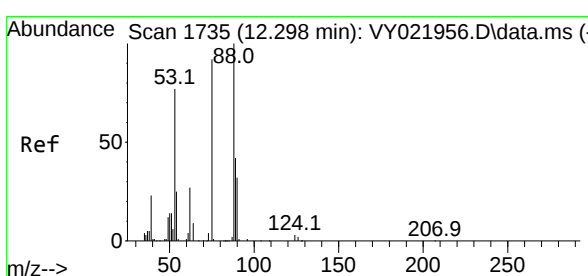
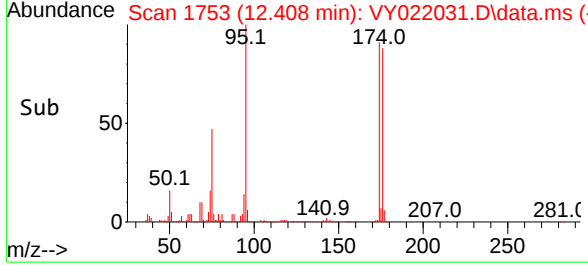
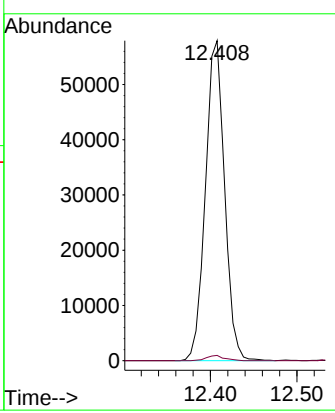
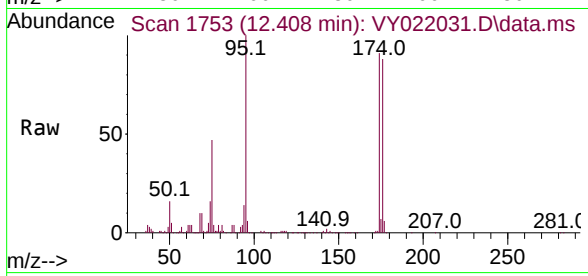




#76
 1,2,3-Trichloropropane
 Concen: 55.042 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022031.D
 Acq: 28 Apr 2025 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	75	Resp:	88990
Ion Ratio	Lower	Upper	
75	100		
77	1.5	0.0	0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.550 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.110 min
 Lab File: VY022031.D
 Acq: 28 Apr 2025 15:05

Tgt Ion:	75	Resp:	88990
Ion Ratio	Lower	Upper	
75	100		
53	0.1	66.0	99.0#
89	0.0	37.2	55.8#

