

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022214.D
 Acq On : 12 May 2025 11:16
 Operator : SY/MD
 Sample : Q1983-02
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-01

Quant Time: May 13 02:17:37 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)

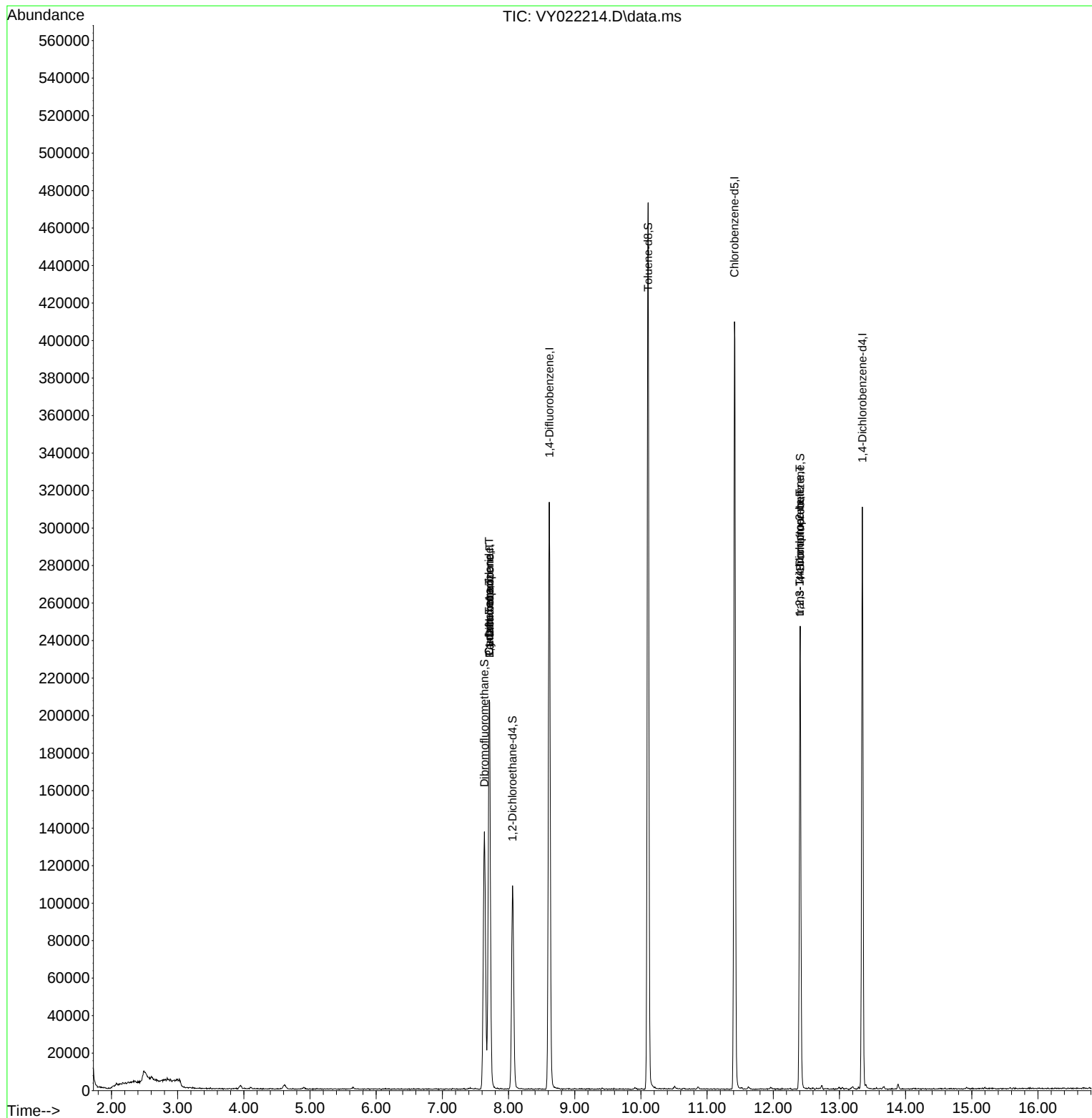
Internal Standards						
1) Pentafluorobenzene	7.713	168	164313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	275903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	231379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	80075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86426	56.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.880%
35) Dibromofluoromethane	7.634	113	98554	54.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.109	98	319579	46.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.408	95	75065	32.449	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.900%
Target Compounds						
16) Acetone	3.873	43	339	Below Cal	#	41
31) Cyclohexane	7.707	56	3179	1.267	ug/l #	20
36) 1,1-Dichloropropene	7.713	75	12235	4.997	ug/l #	49
38) Carbon Tetrachloride	7.707	117	15630	5.342	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	36647	53.430	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	36647	128.669	ug/l #	16

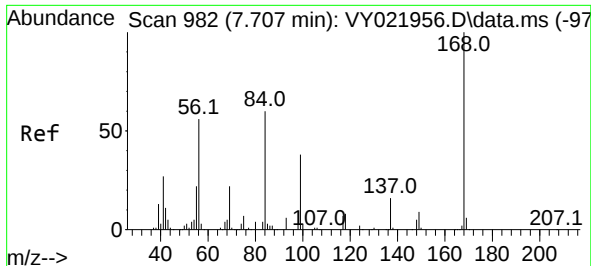
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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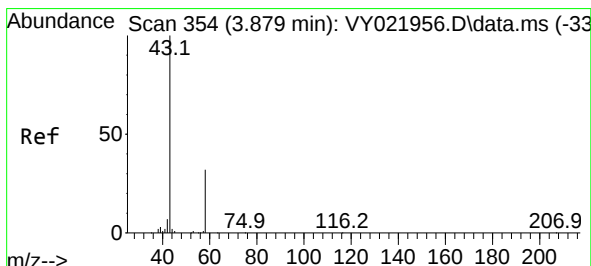
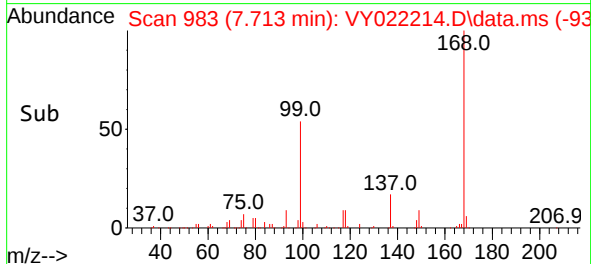
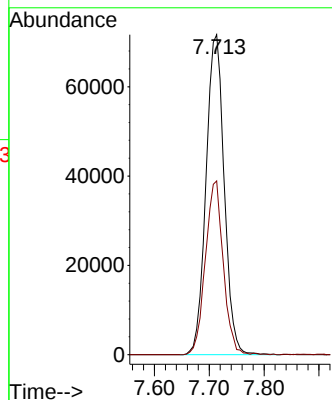
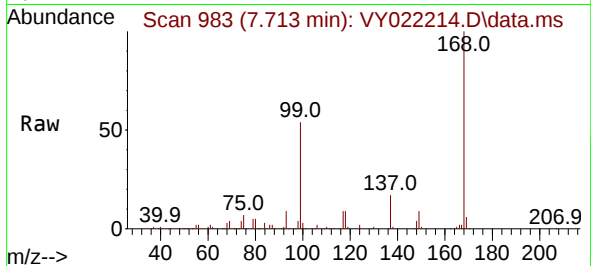




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

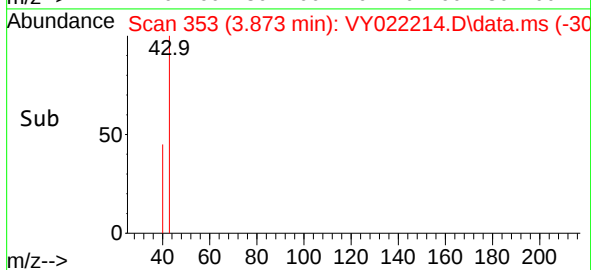
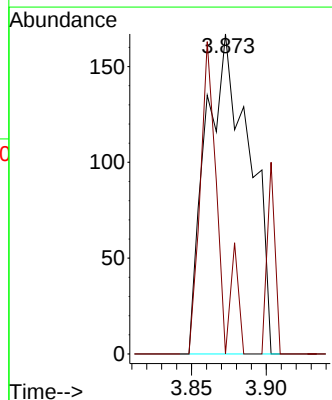
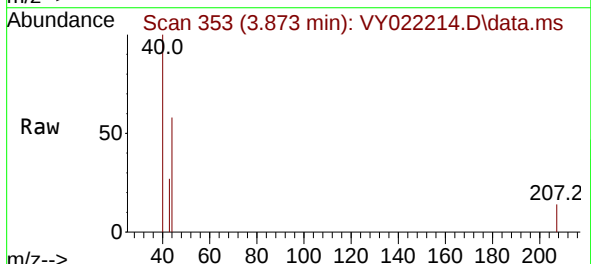
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-01

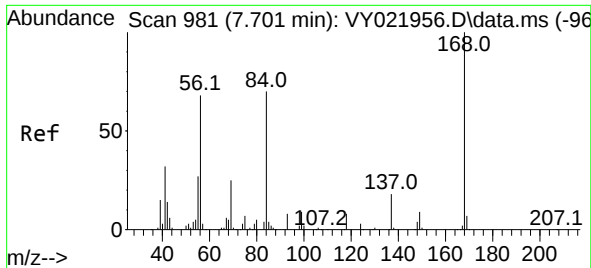
Tgt Ion:168 Resp: 164313
Ion Ratio Lower Upper
168 100
99 54.3 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

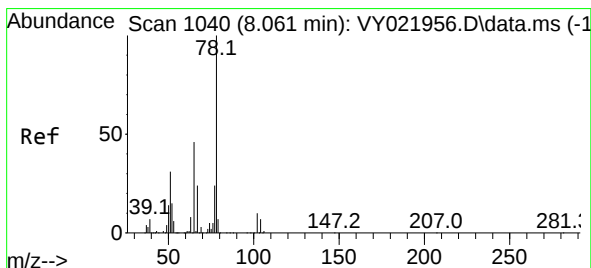
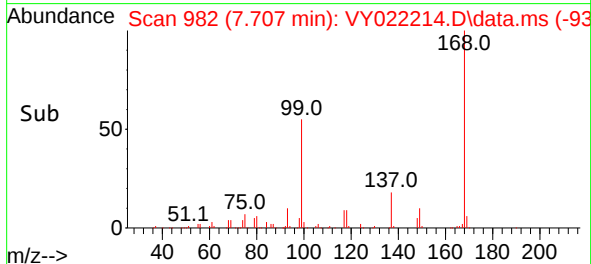
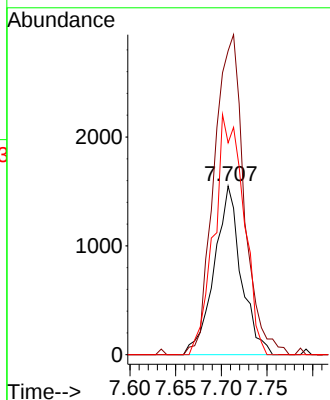
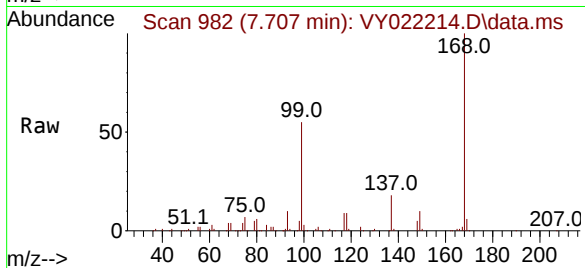




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

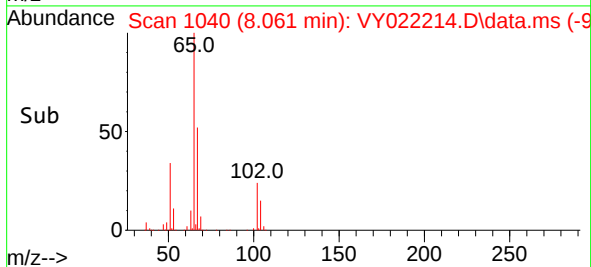
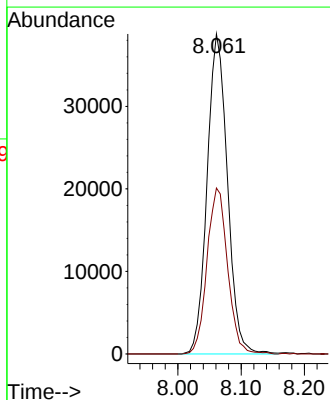
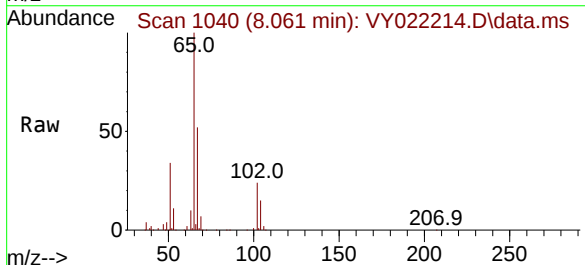
Instrument :
MSVOA_Y
ClientSampleId :
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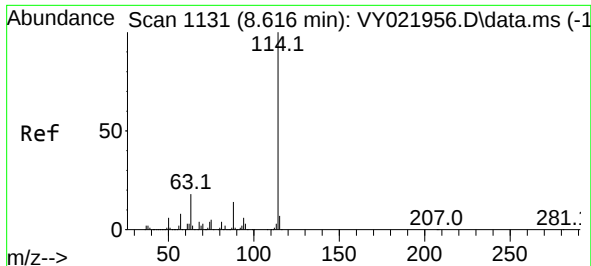
Tgt Ion: 56 Resp: 3179
Ion Ratio Lower Upper
56 100
69 180.1 29.4 44.2#
84 125.5 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 56.944 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Tgt Ion: 65 Resp: 86426
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

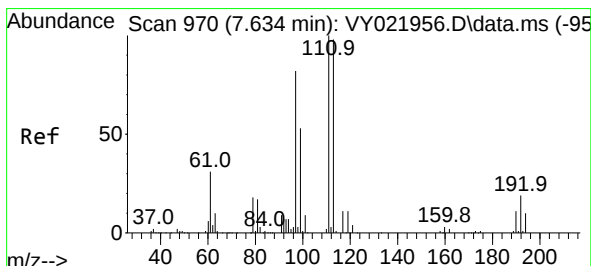
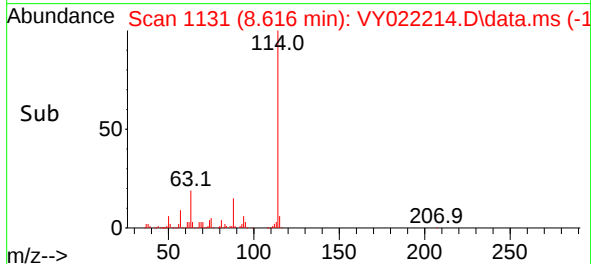
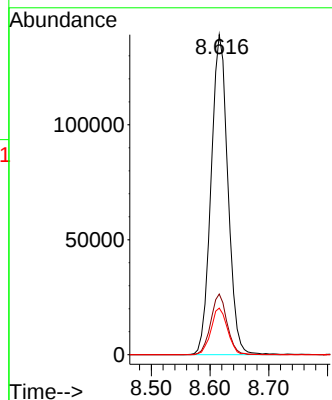
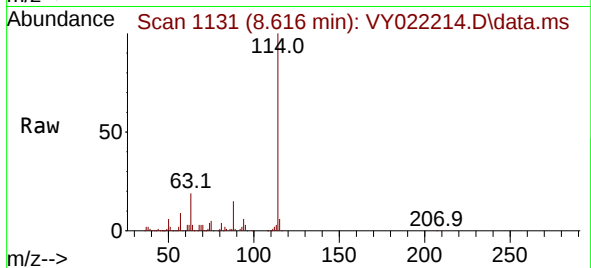




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

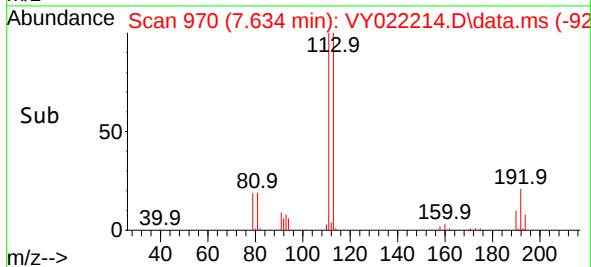
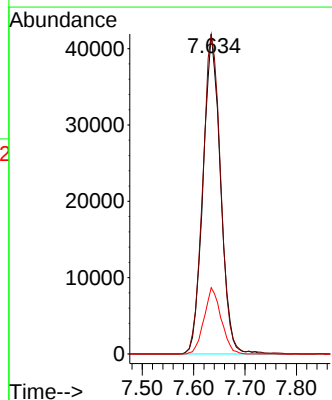
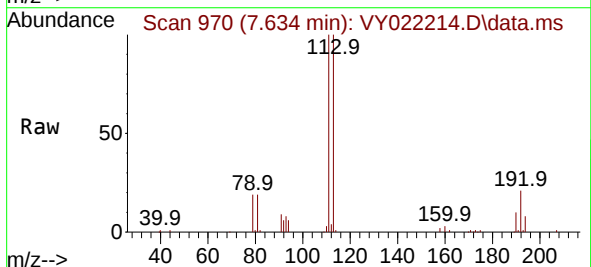
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-01

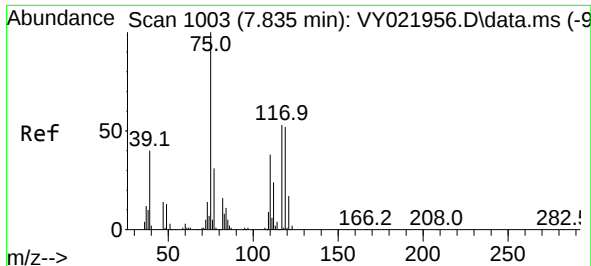
Tgt Ion:114 Resp: 275903
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.4
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 54.068 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Tgt Ion:113 Resp: 98554
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 20.3 15.6 23.4

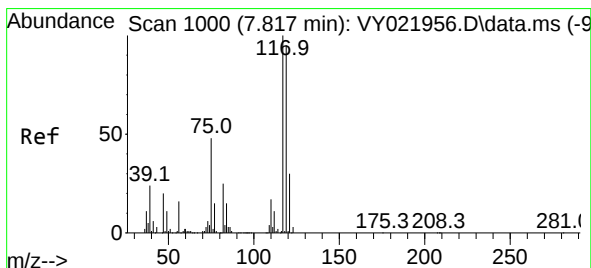
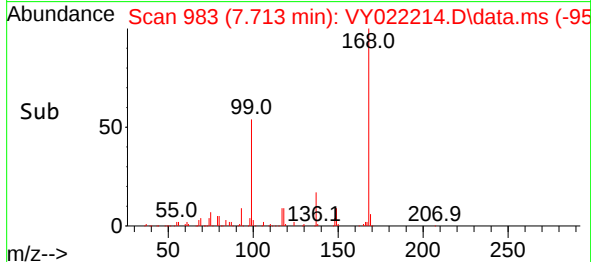
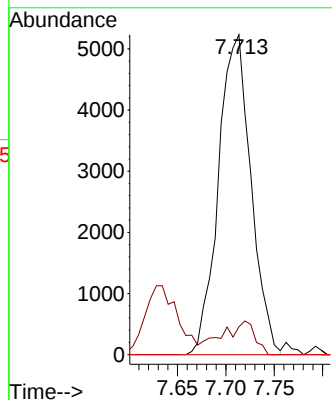
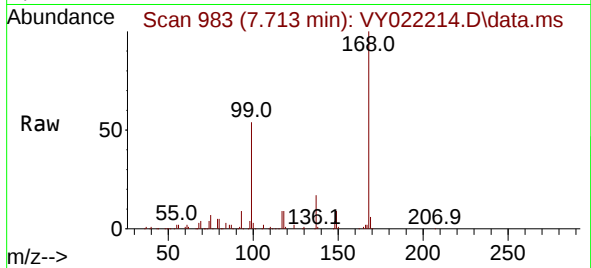




#36
 1,1-Dichloropropene
 Concen: 4.997 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY022214.D
 Acq: 12 May 2025 11:16

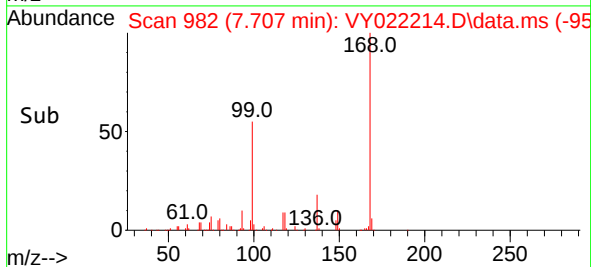
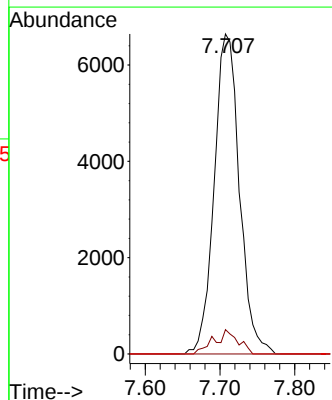
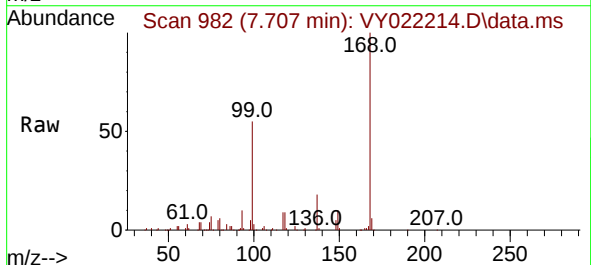
Instrument :
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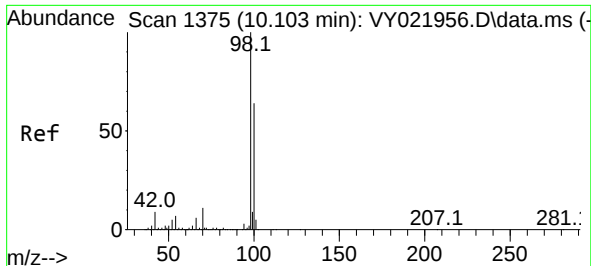
Tgt Ion: 75 Resp: 12235
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 5.342 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY022214.D
 Acq: 12 May 2025 11:16

Tgt Ion: 117 Resp: 15630
 Ion Ratio Lower Upper
 117 100
 119 7.6 76.2 114.4#
 121 0.0 24.0 36.0#

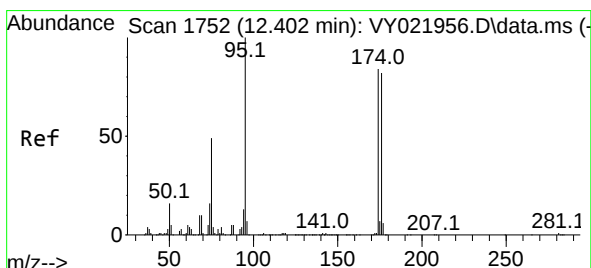
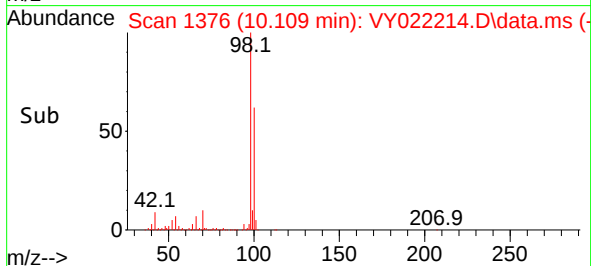
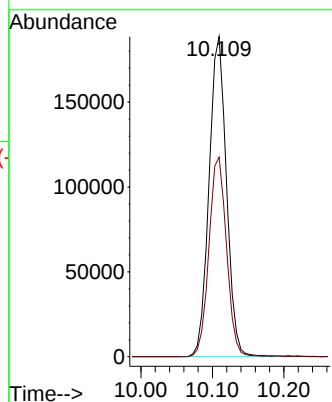
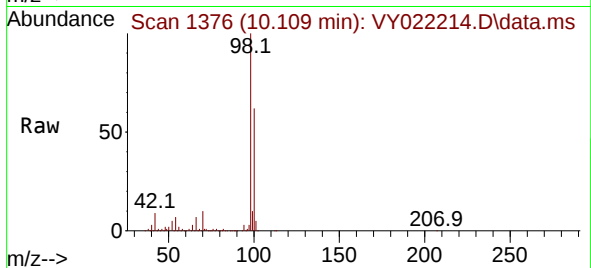




#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

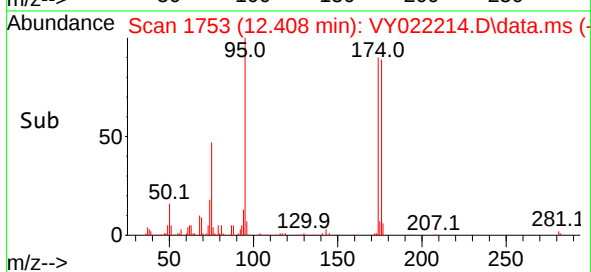
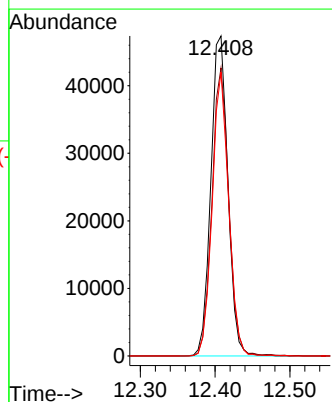
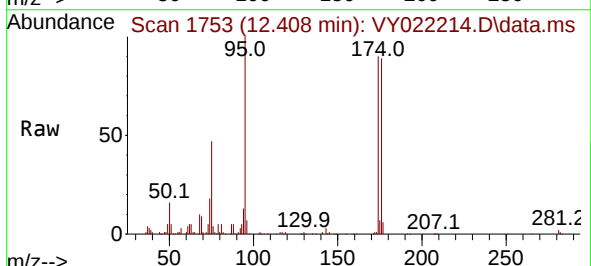
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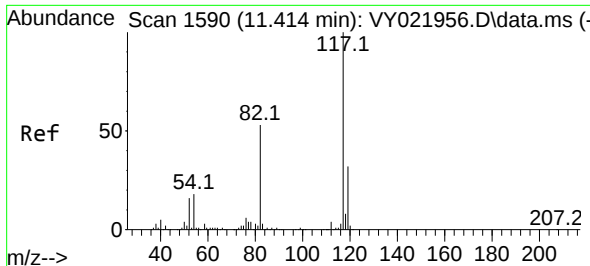
Tgt Ion: 98 Resp: 319579
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 32.449 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Tgt Ion: 95 Resp: 75065
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.0
176 85.6 0.0 171.8

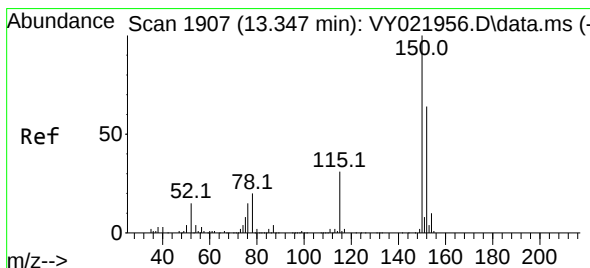
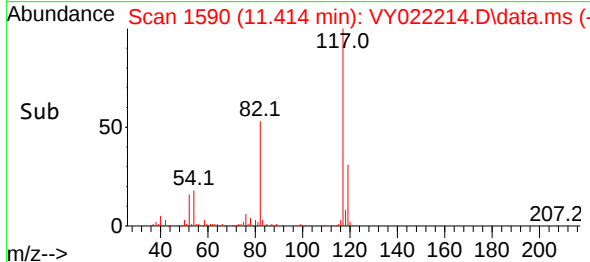
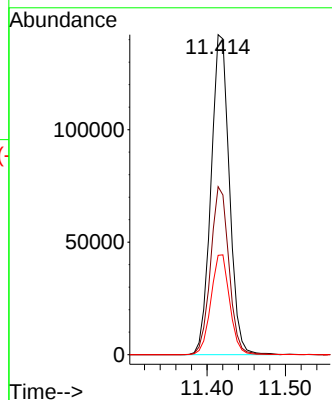
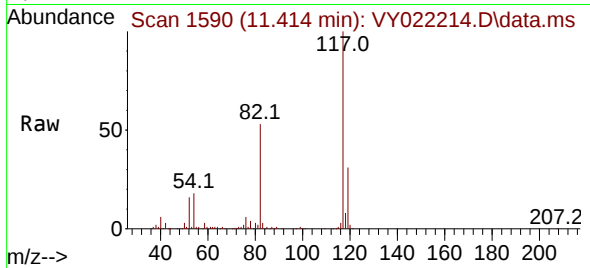




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

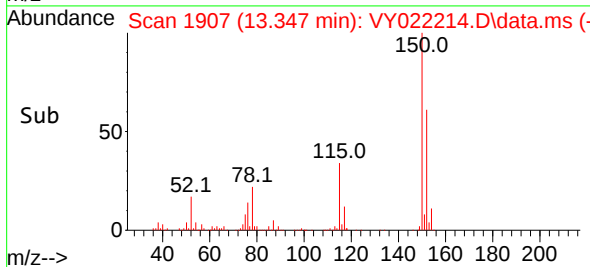
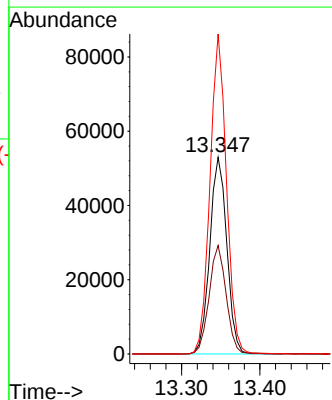
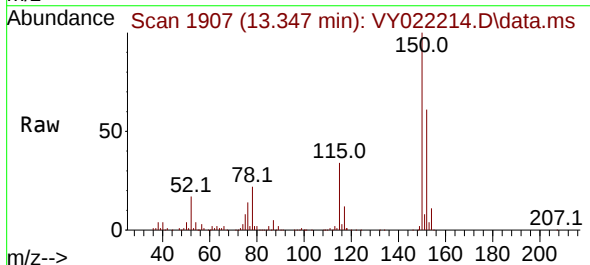
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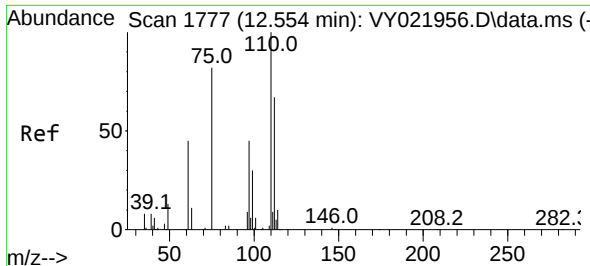
Tgt Ion:117 Resp: 231379
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Tgt Ion:152 Resp: 80075
Ion Ratio Lower Upper
152 100
115 55.0 28.0 84.0
150 156.6 0.0 345.6

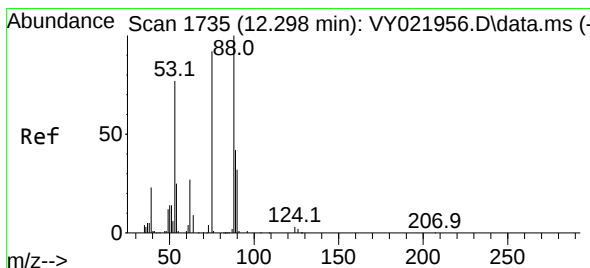
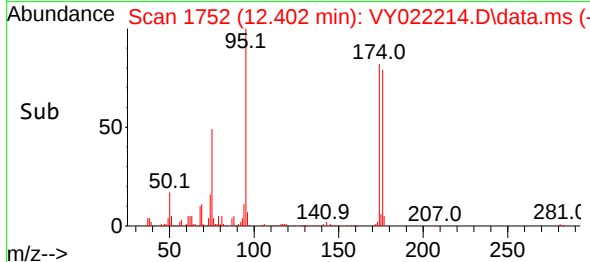
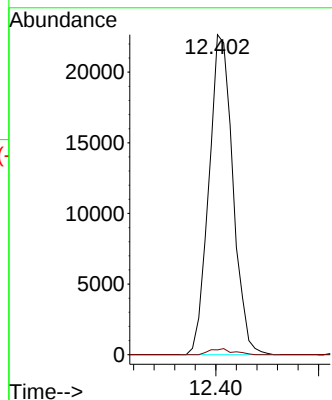
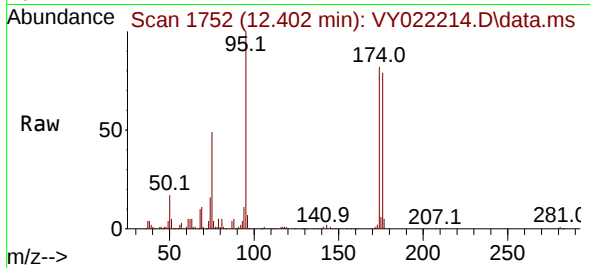




#76
1,2,3-Trichloropropane
Concen: 53.430 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-01

Tgt Ion: 75 Resp: 36647
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.669 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY022214.D
Acq: 12 May 2025 11:16

Tgt Ion: 75 Resp: 36647
Ion Ratio Lower Upper
75 100
53 0.3 66.0 99.0#
89 0.2 37.2 55.8#

