

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022249.D
 Acq On : 13 May 2025 17:28
 Operator : SY/MD
 Sample : Q2007-26
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-14

Quant Time: May 14 04:36:52 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)

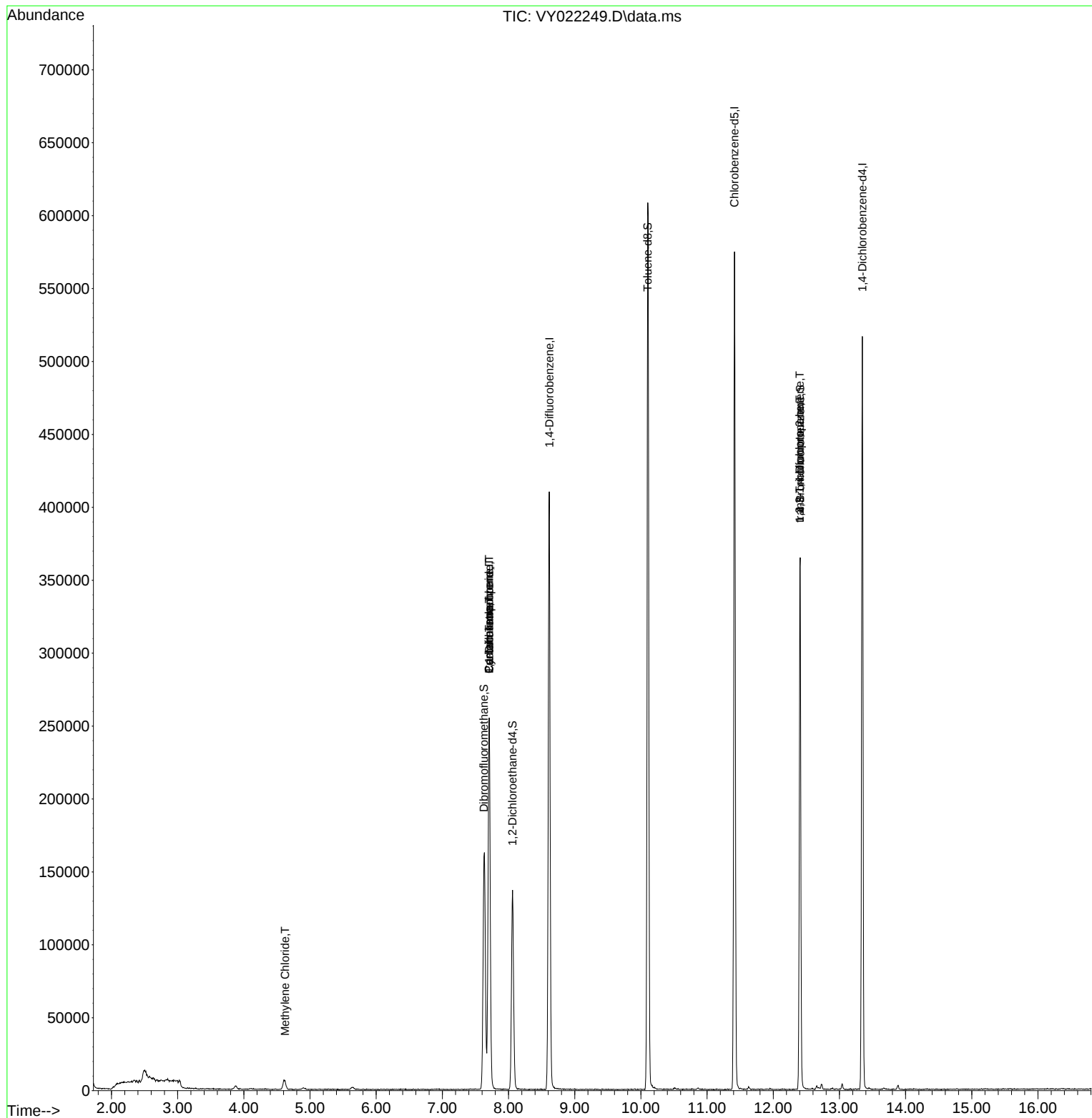
Internal Standards						
1) Pentafluorobenzene	7.707	168	194375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	352351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104586	58.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.500%	
35) Dibromofluoromethane	7.628	113	118525	50.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.103	98	416236	47.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.860%	
62) 4-Bromofluorobenzene	12.408	95	111919	37.883	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.760%	
Target Compounds						
						Qvalue
16) Acetone	3.873	43	4475	Below Cal		97
20) Methylene Chloride	4.622	84	5051	2.225	ug/l	88
31) Cyclohexane	7.707	56	3837	1.293	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	15114	4.834	ug/l #	48
38) Carbon Tetrachloride	7.707	117	18919	5.063	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	55421	49.031	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	55421	118.075	ug/l #	16

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

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OR-636-VOC-14

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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

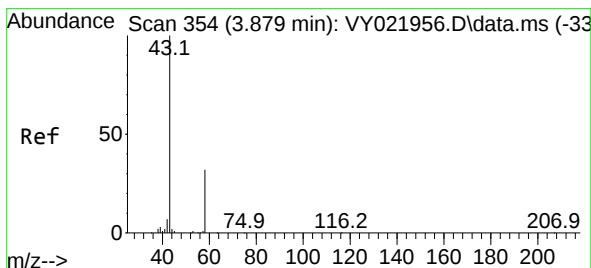
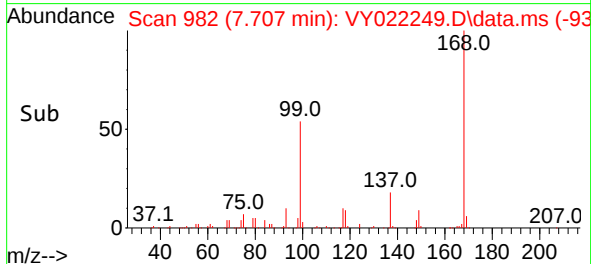
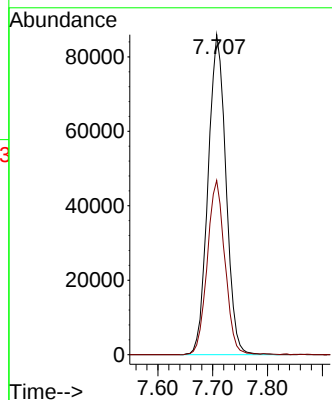
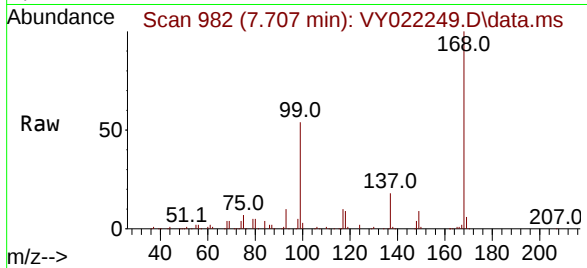




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

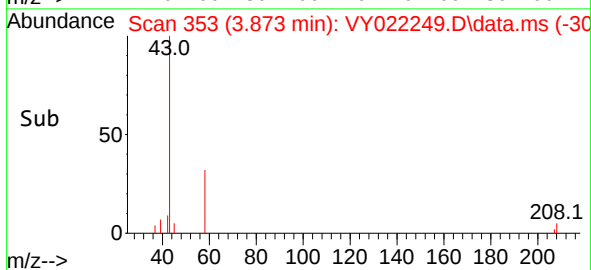
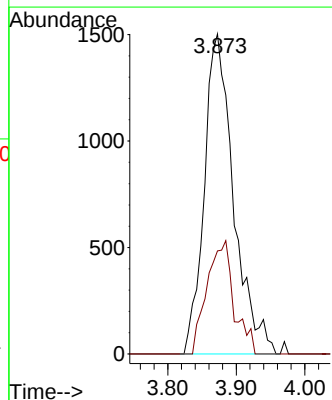
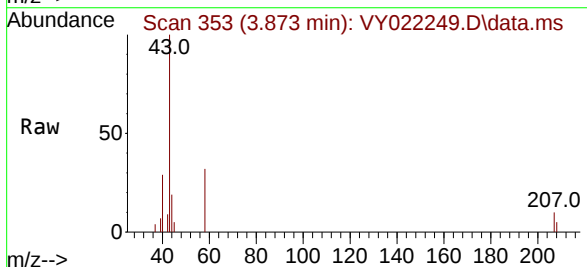
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-14

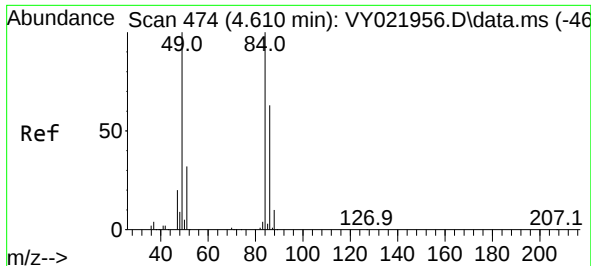
Tgt Ion:168 Resp: 194375
Ion Ratio Lower Upper
168 100
99 54.4 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

Tgt Ion: 43 Resp: 4475
Ion Ratio Lower Upper
43 100
58 32.2 27.0 40.4

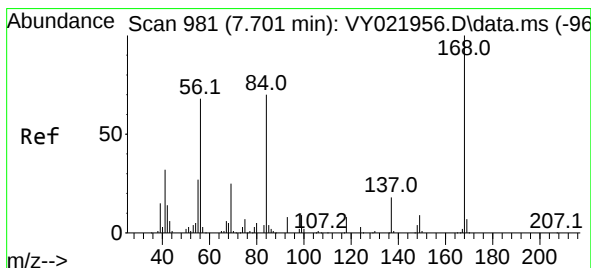
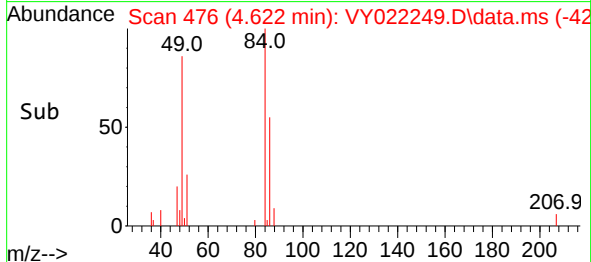
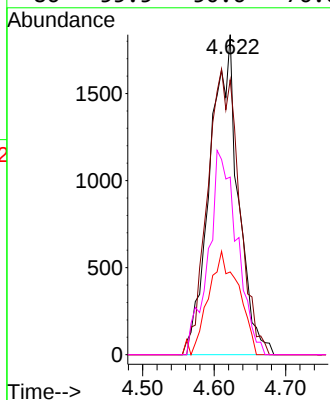
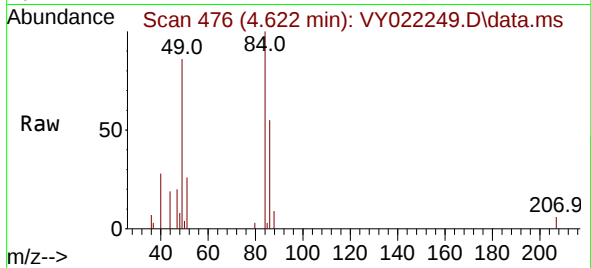




#20
Methylene Chloride
Concen: 2.225 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

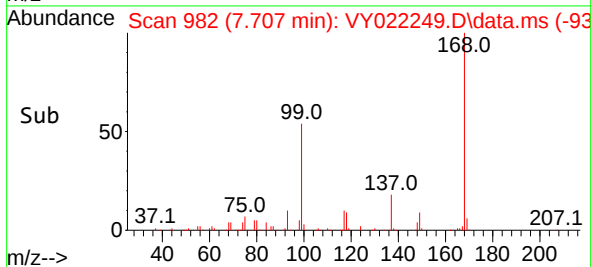
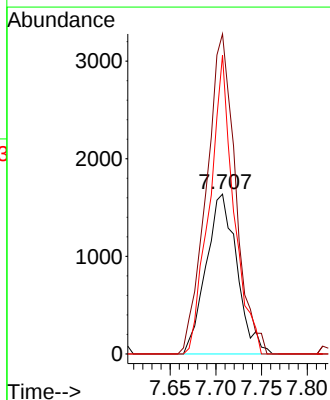
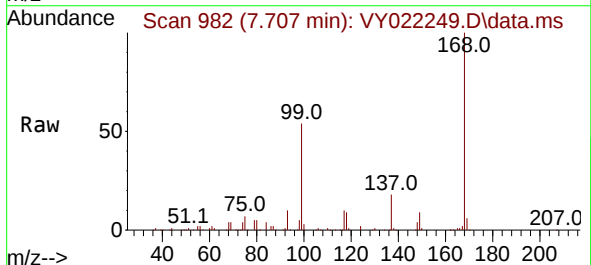
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-14

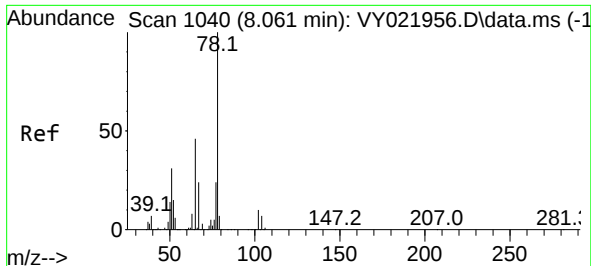
Tgt Ion:	84	Resp:	5051
Ion	Ratio	Lower	Upper
84	100		
49	85.9	79.9	119.9
51	25.8	25.4	38.0
86	55.5	50.6	76.0



#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

Tgt Ion:	56	Resp:	3837
Ion	Ratio	Lower	Upper
56	100		
69	200.2	29.4	44.2#
84	187.0	82.2	123.4#





#33

1,2-Dichloroethane-d4

Concen: 58.252 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022249.D

Acq: 13 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

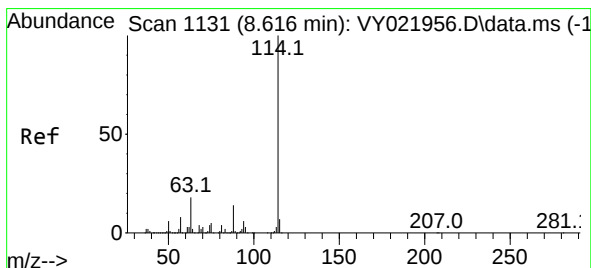
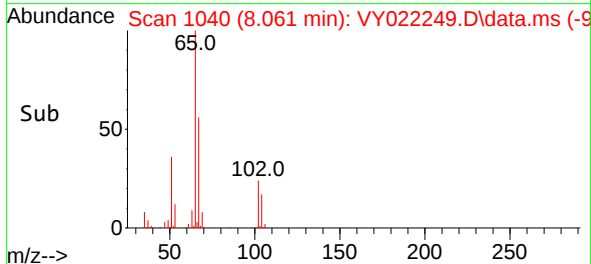
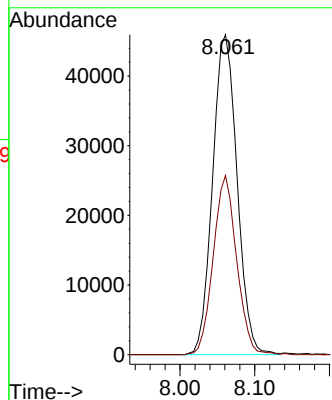
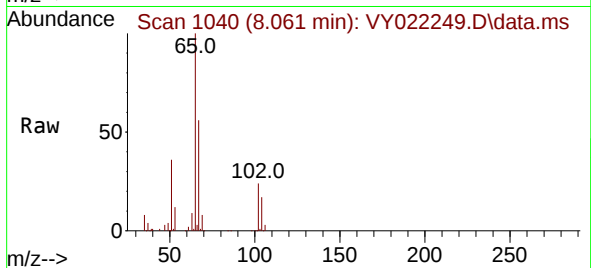
OR-636-VOC-14

Tgt Ion: 65 Resp: 104586

Ion Ratio Lower Upper

65 100

67 53.5 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: VY022249.D

Acq: 13 May 2025 17:28

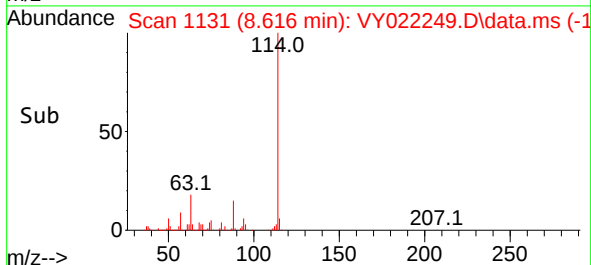
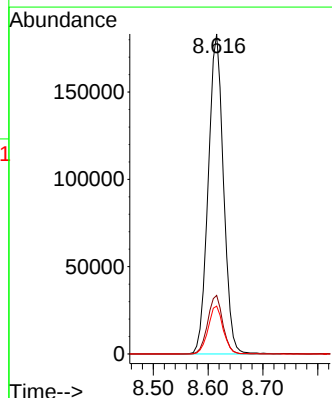
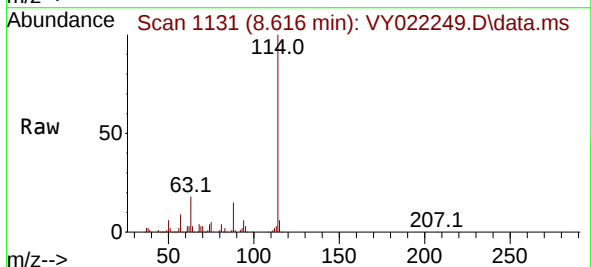
Tgt Ion: 114 Resp: 352351

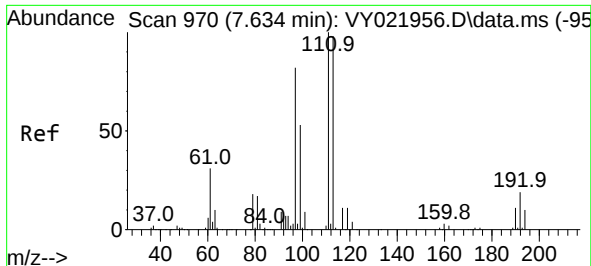
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.4

88 14.9 0.0 28.2

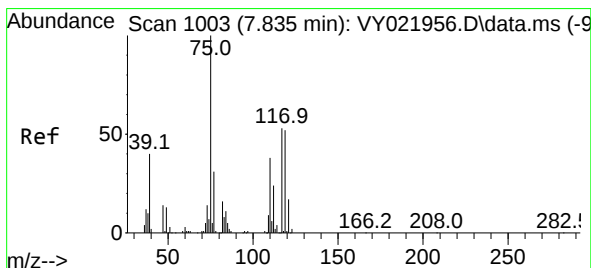
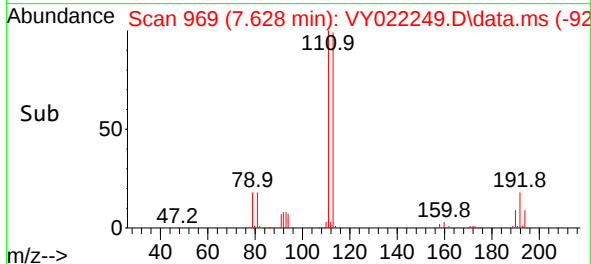
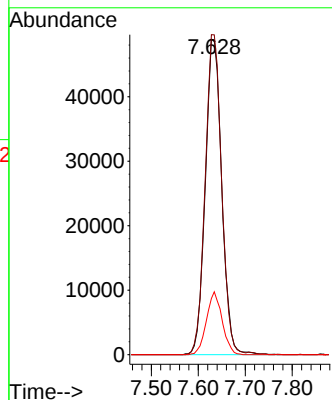
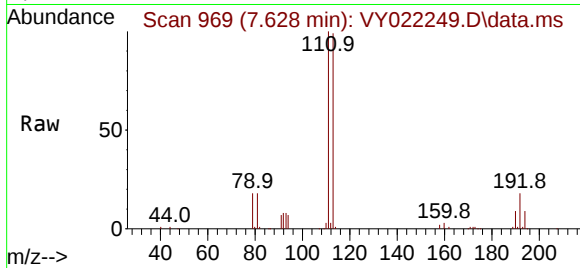




#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

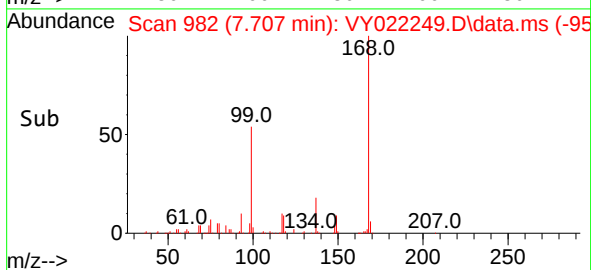
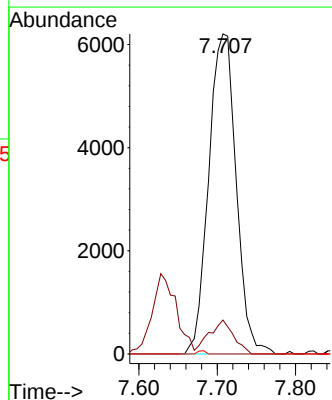
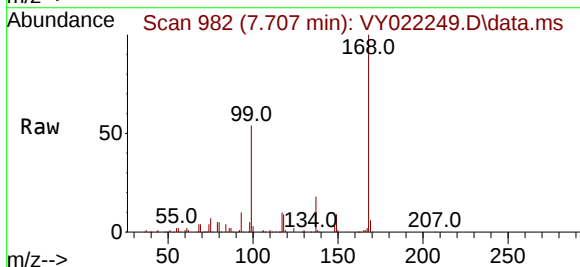
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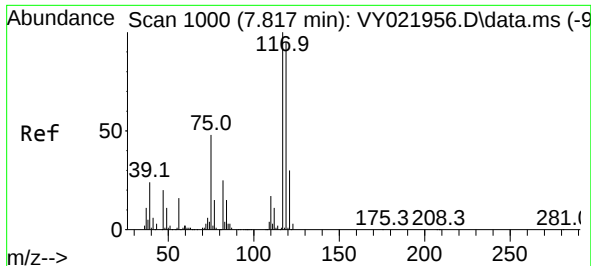
Tgt Ion:113 Resp: 118525
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 19.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.834 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

Tgt Ion: 75 Resp: 15114
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 25.5 38.3#

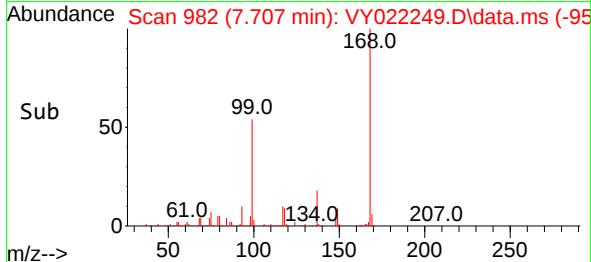
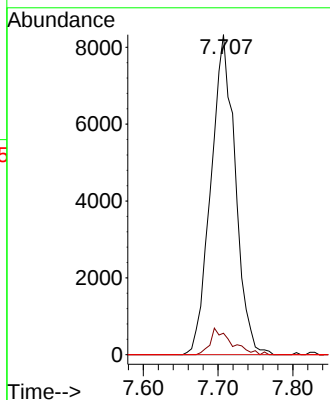
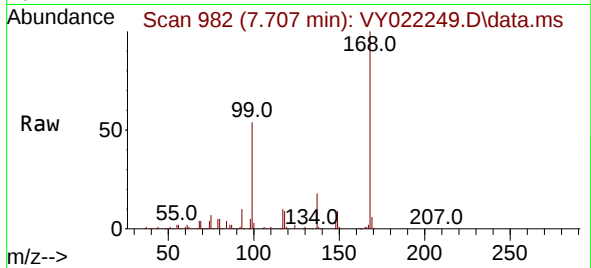




#38
Carbon Tetrachloride
Concen: 5.063 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

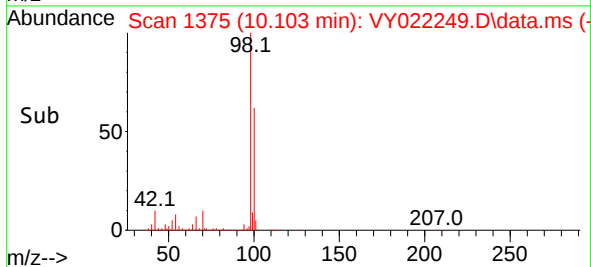
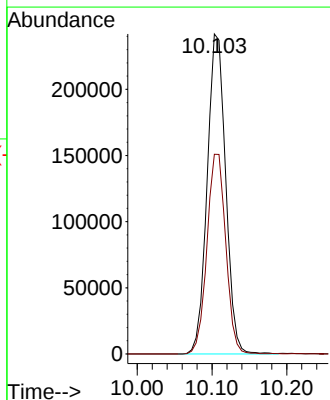
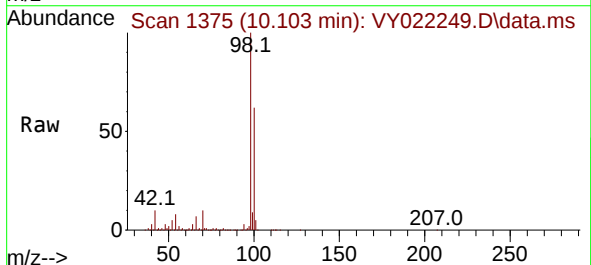
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-14

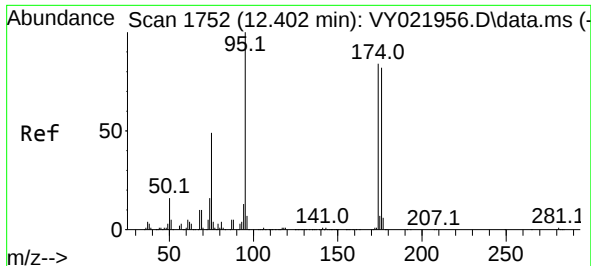
Tgt Ion:117 Resp: 18919
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.430 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

Tgt Ion: 98 Resp: 416236
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

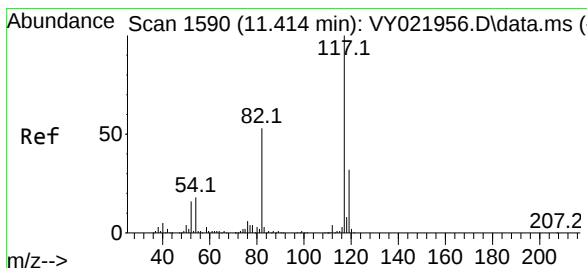
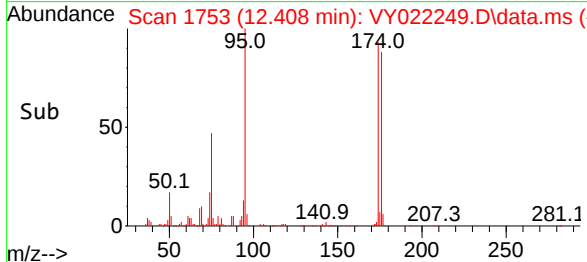
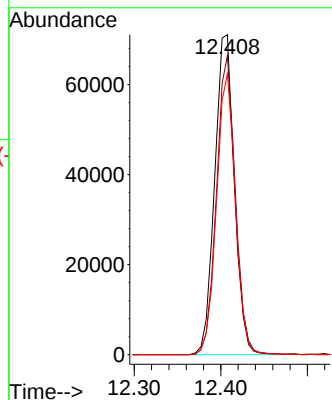
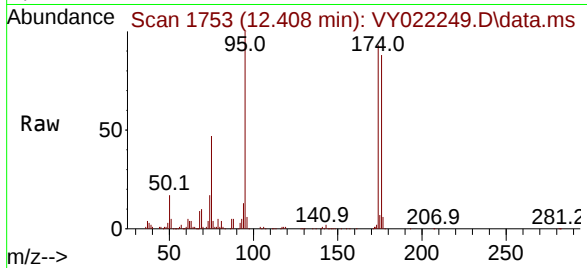




#62
4-Bromofluorobenzene
Concen: 37.883 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

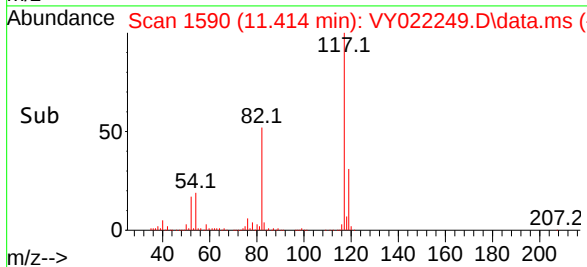
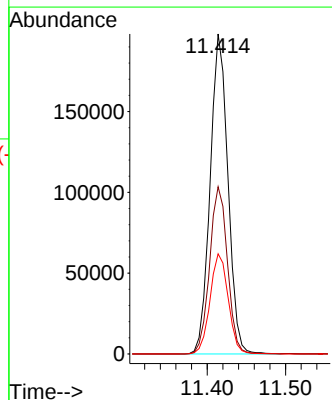
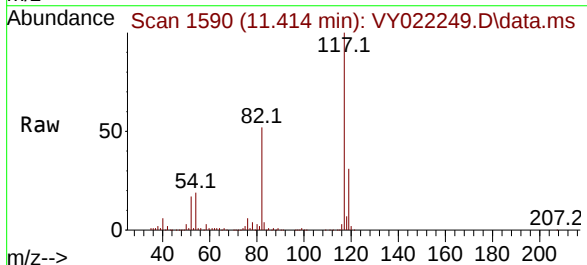
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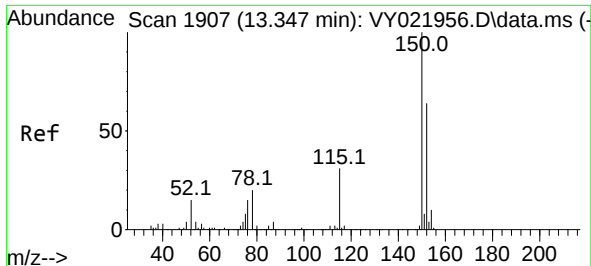
Tgt Ion: 95 Resp: 111919
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.0
176 84.8 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022249.D
Acq: 13 May 2025 17:28

Tgt Ion: 117 Resp: 312126
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 31.3 25.7 38.5

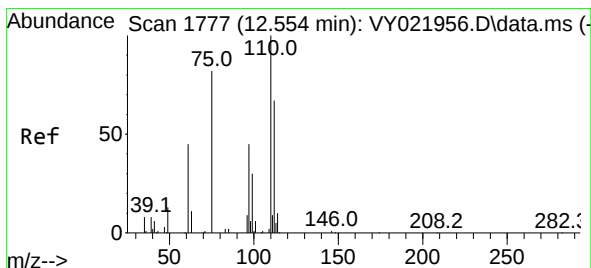
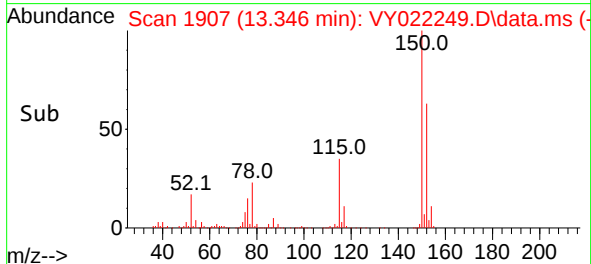
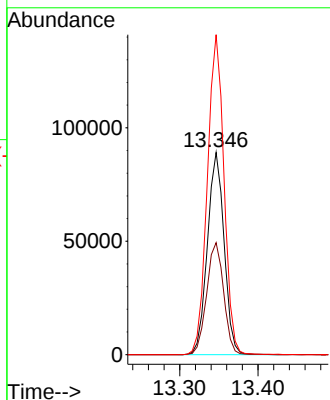
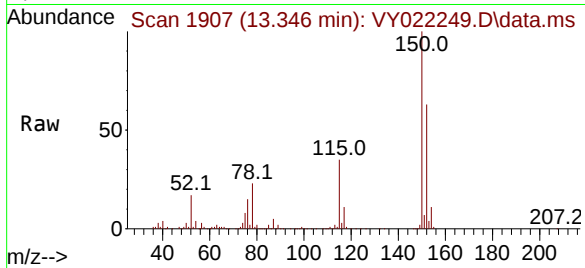




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022249.D
 Acq: 13 May 2025 17:28

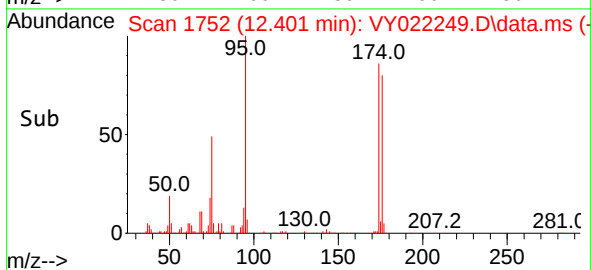
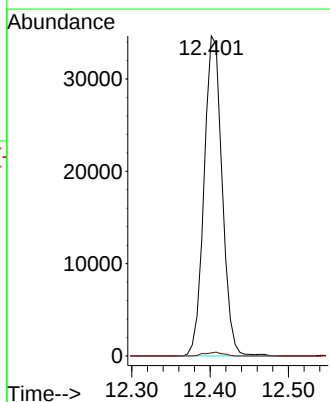
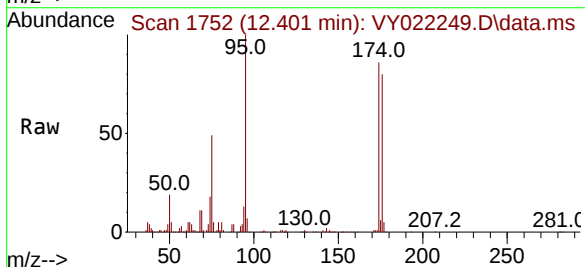
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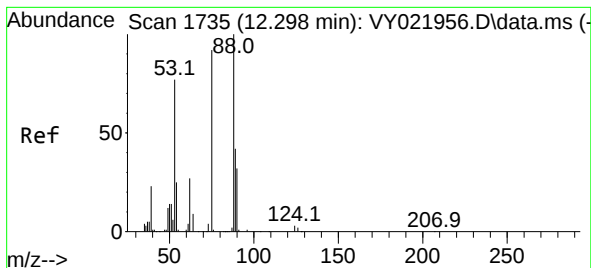
Tgt Ion:152 Resp: 131962
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.0 84.0
 150 157.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 49.031 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.153 min
 Lab File: VY022249.D
 Acq: 13 May 2025 17:28

Tgt Ion: 75 Resp: 55421
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.075 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY022249.D
 Acq: 13 May 2025 17:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-14

Tgt Ion: 75 Resp: 55421
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.0 99.0#
 89 0.0 37.2 55.8#

