

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020499.D
 Acq On : 03 Dec 2024 12:17
 Operator : SY/MD
 Sample : P5052-09
 Misc : 3.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-640-VOC-51

Quant Time: Dec 03 21:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

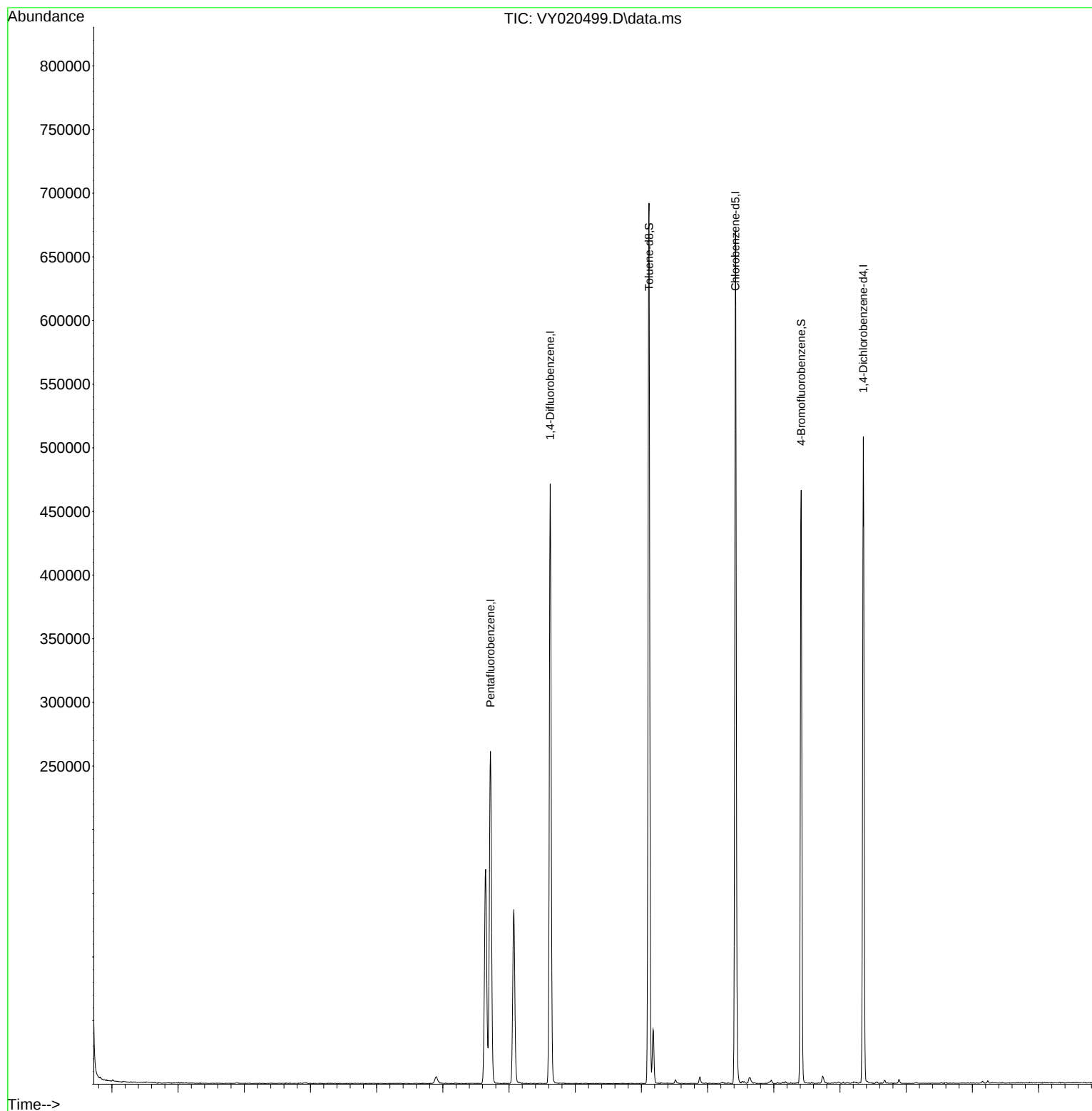
Internal Standards						
1) Pentafluorobenzene	7.719	168	195290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	381208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	341025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	112594	56.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.380%
35) Dibromofluoromethane	7.646	113	118143	49.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.115	98	451334	49.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.414	95	142453	44.571	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.140%
Target Compounds						
52) Toluene	10.176	92	17173	2.304	ug/l	Qvalue 99

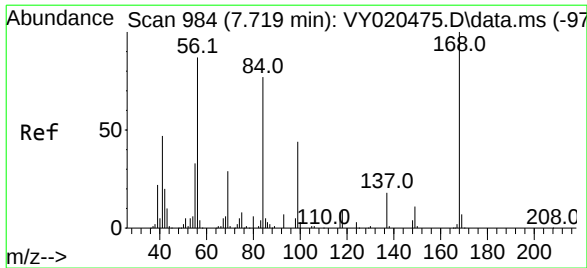
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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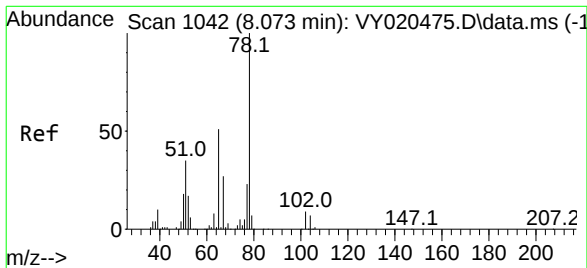
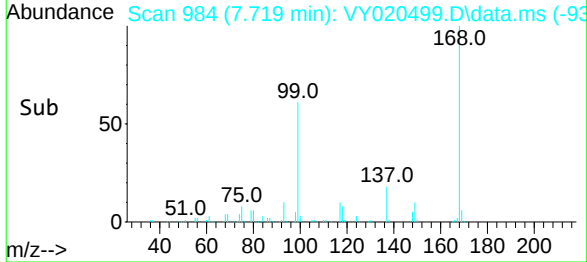
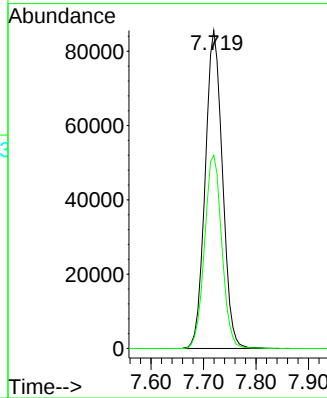
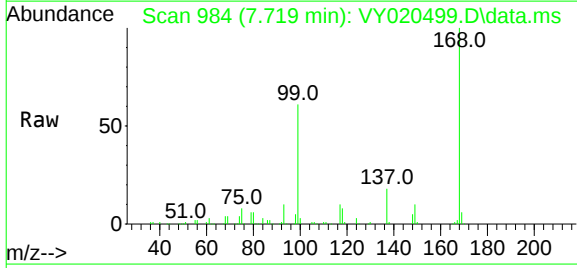




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020499.D
Acq: 03 Dec 2024 12:17

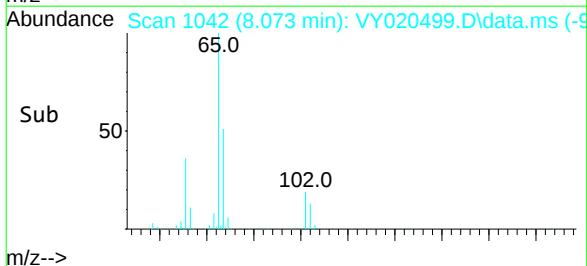
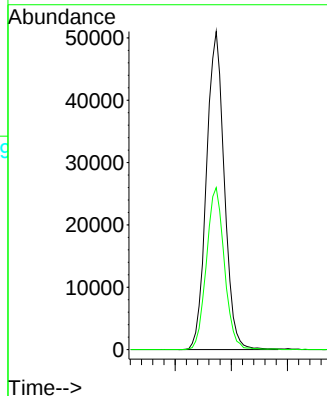
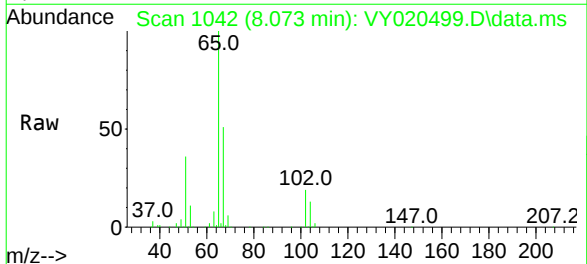
Instrument :
MSVOA_Y
ClientSampleId :
OR-640-VOC-51

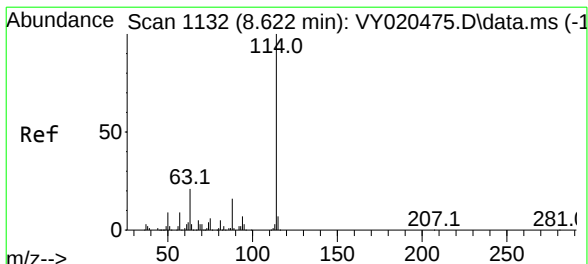
Tgt Ion:168 Resp: 195290
Ion Ratio Lower Upper
168 100
99 60.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.690 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020499.D
Acq: 03 Dec 2024 12:17

Tgt Ion: 65 Resp: 112594
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8

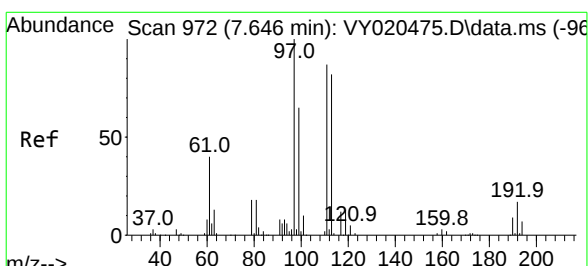
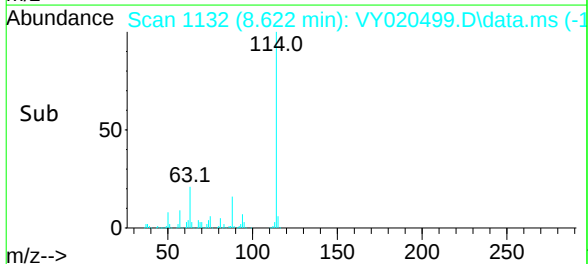
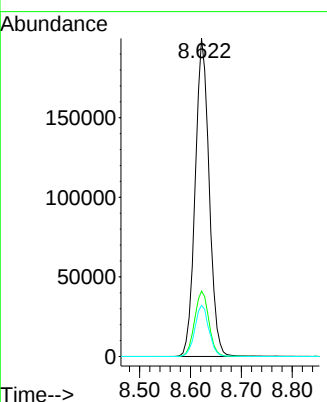
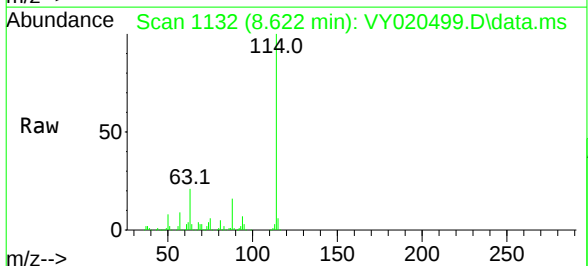




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VY020499.D
 Acq: 03 Dec 2024 12:17

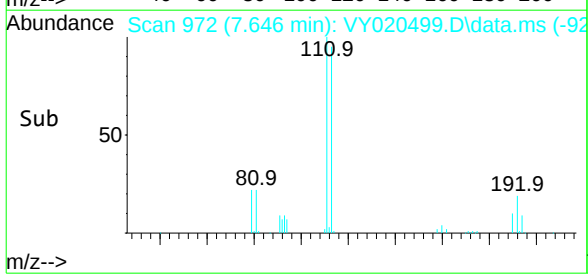
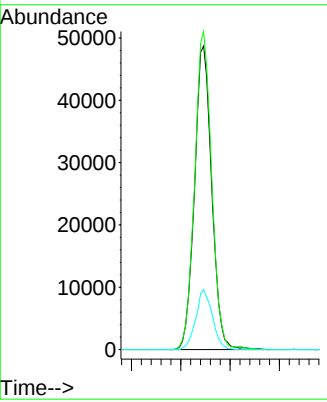
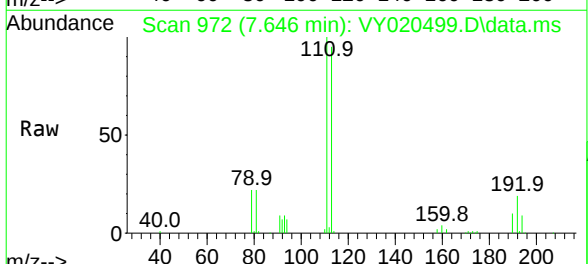
Instrument :
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 ClientSampleId :
 OR-640-VOC-51

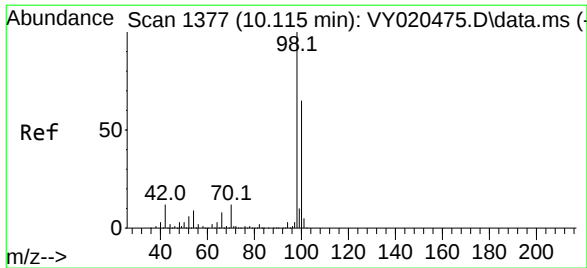
Tgt Ion:	114	Resp:	381208
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.8
88	16.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.229 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VY020499.D
 Acq: 03 Dec 2024 12:17

Tgt Ion:	113	Resp:	118143
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	19.0	15.1	22.7





#50

Toluene-d8

Concen: 49.389 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

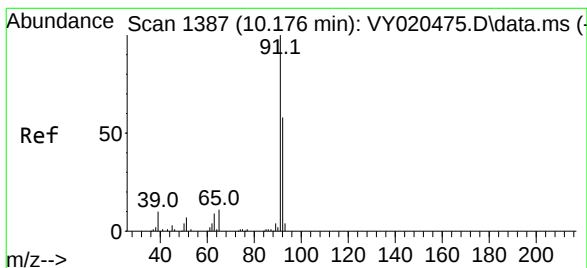
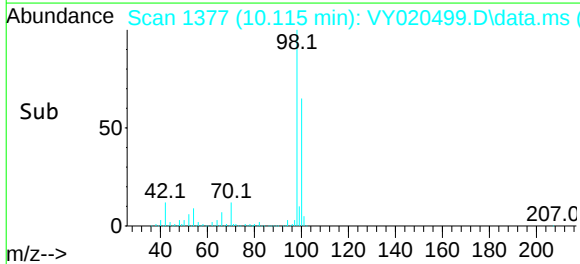
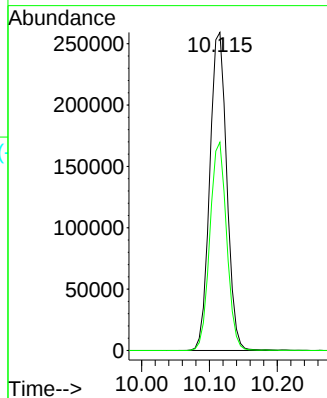
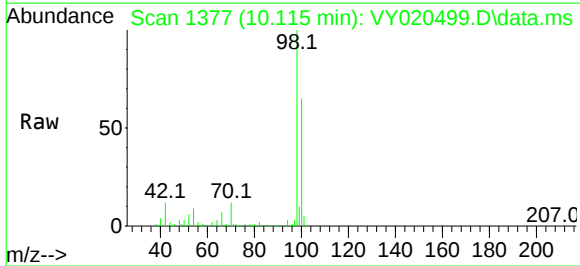
OR-640-VOC-51

Tgt Ion: 98 Resp: 451334

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9



#52

Toluene

Concen: 2.304 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020499.D

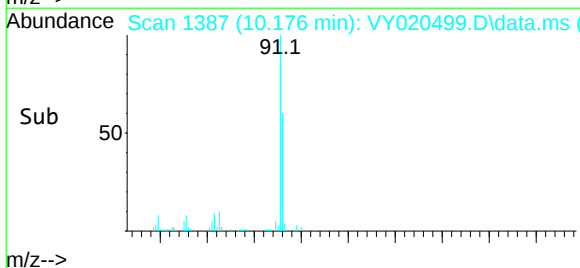
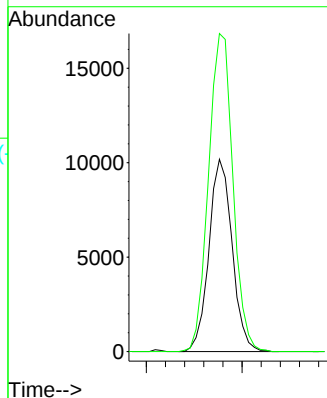
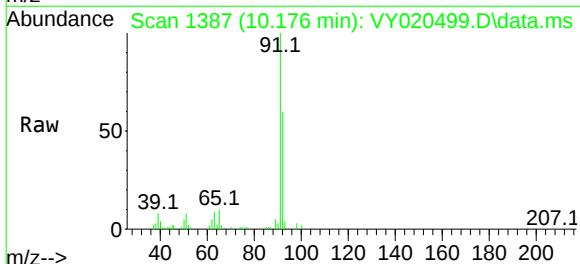
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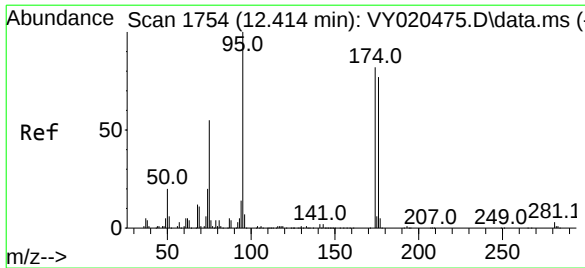
Tgt Ion: 92 Resp: 17173

Ion Ratio Lower Upper

92 100

91 173.4 139.7 209.5

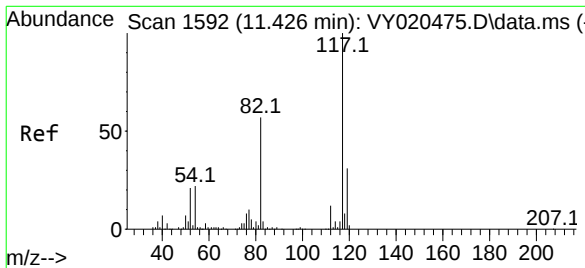
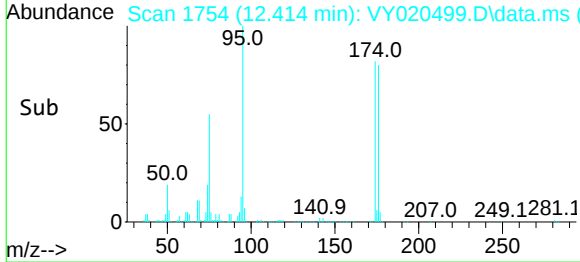
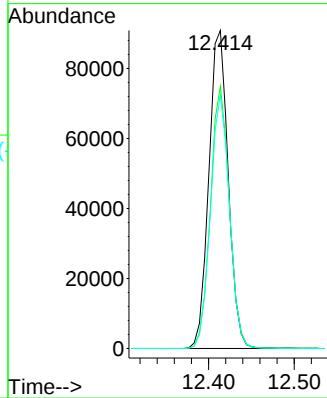
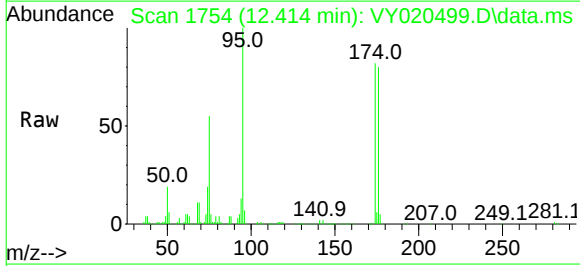




#62
4-Bromofluorobenzene
Concen: 44.571 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020499.D
Acq: 03 Dec 2024 12:17

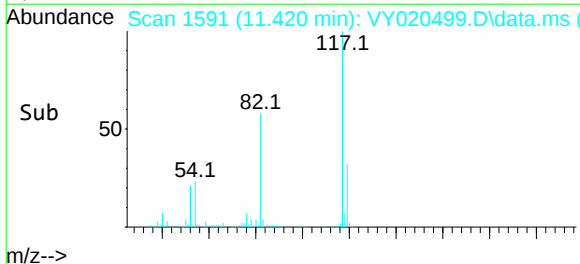
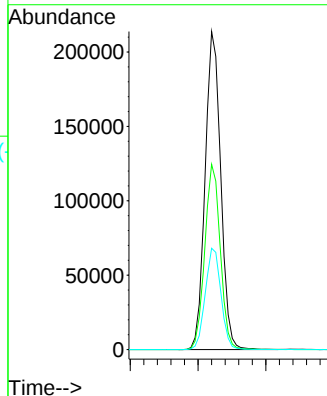
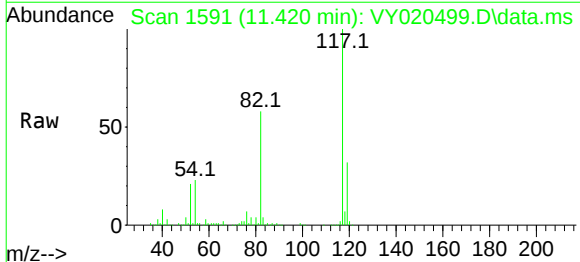
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OR-640-VOC-51

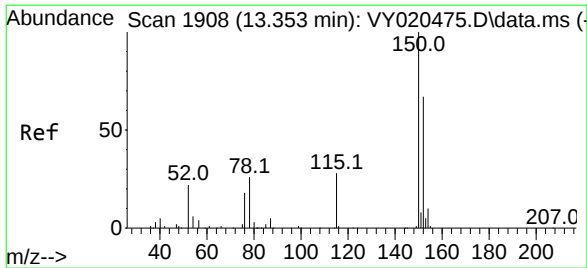
Tgt Ion: 95 Resp: 142453
Ion Ratio Lower Upper
95 100
174 80.5 0.0 156.8
176 78.3 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020499.D
Acq: 03 Dec 2024 12:17

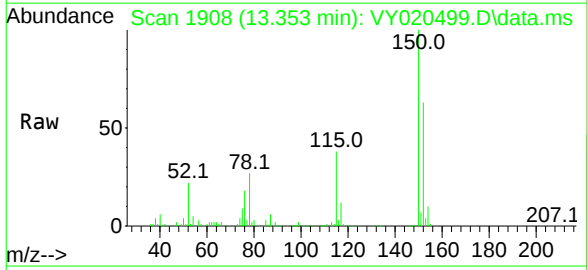
Tgt Ion: 117 Resp: 341025
Ion Ratio Lower Upper
117 100
82 58.3 48.2 72.4
119 31.9 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020499.D
 Acq: 03 Dec 2024 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-640-VOC-51



Tgt Ion:152 Resp: 125403

Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	156.7	0.0	348.2

