

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020498.D
 Acq On : 03 Dec 2024 11:53
 Operator : SY/MD
 Sample : P5052-15
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-640-VOC-62

Quant Time: Dec 03 21:44:09 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)

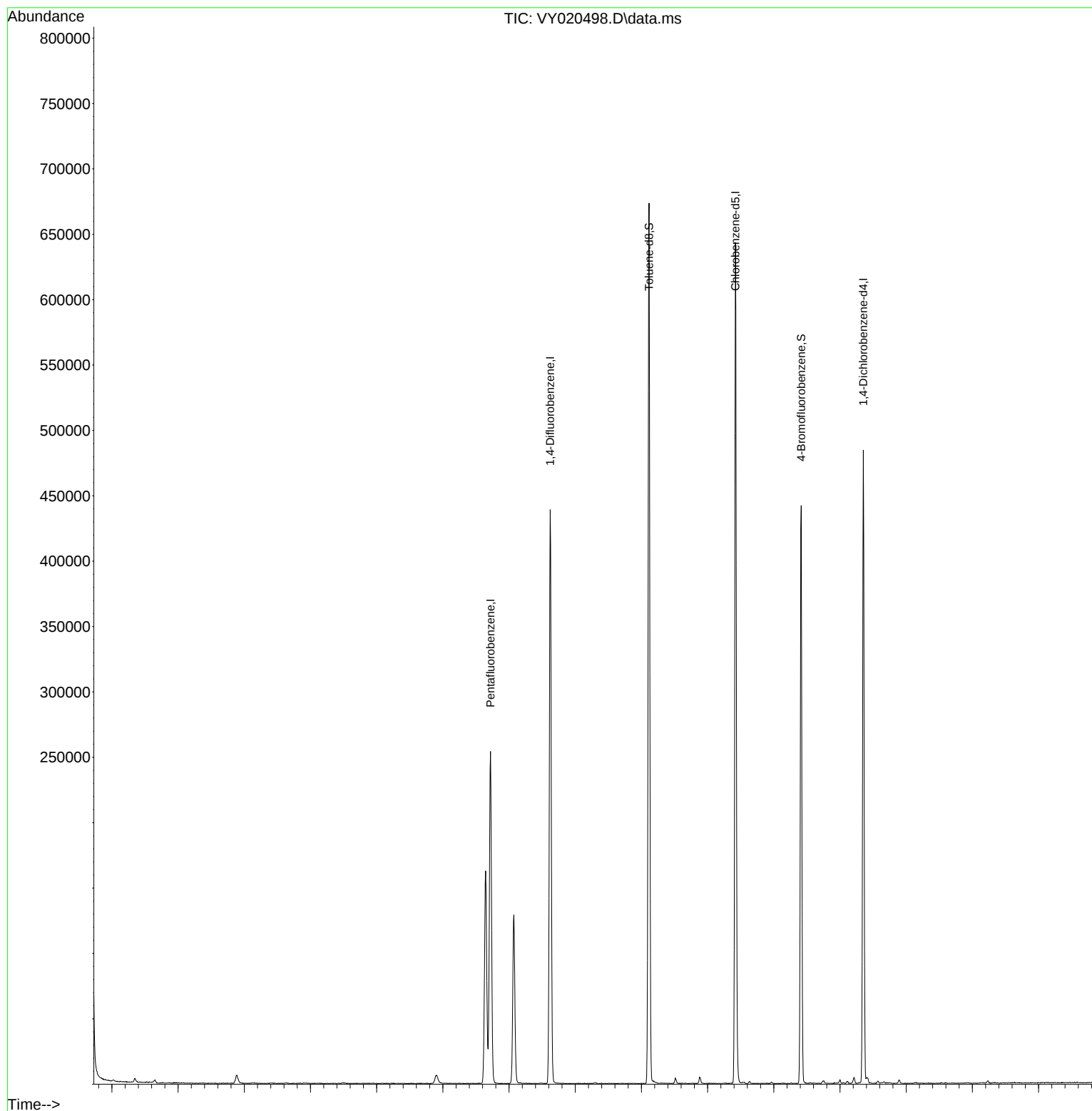
Internal Standards						
1) Pentafluorobenzene	7.719	168	186544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	366226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	119729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105739	55.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.646	113	112770	48.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.115	98	438642	49.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.414	95	135526	44.138	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.280%
Target Compounds						
16) Acetone	3.885	43	11602	24.594	ug/l	Qvalue # 88

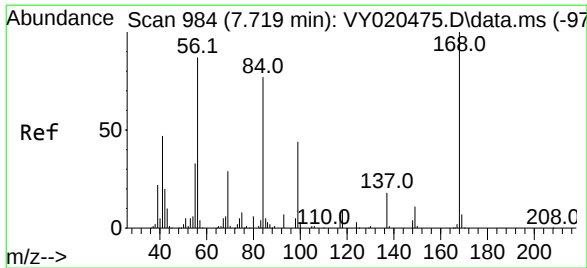
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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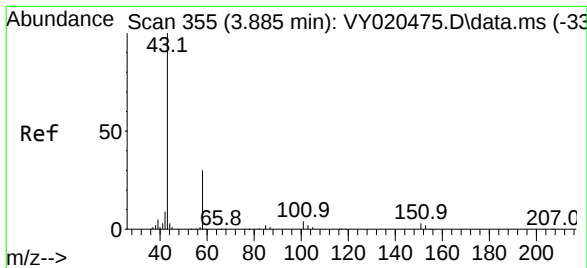
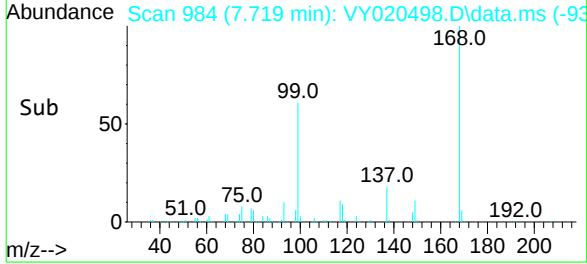
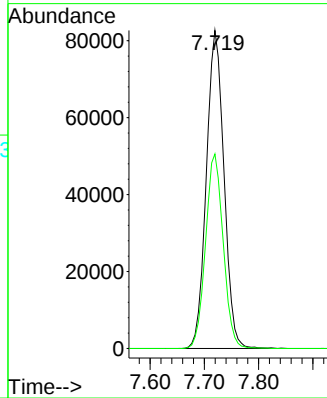
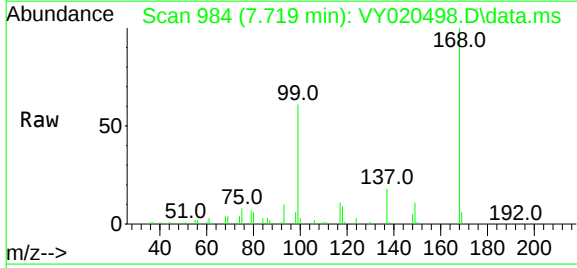




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

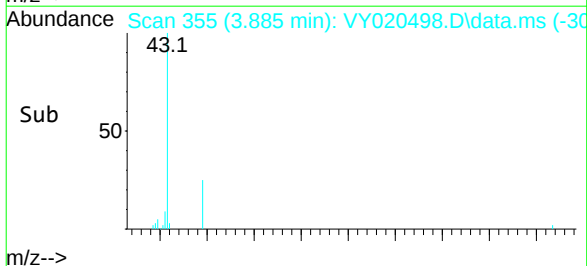
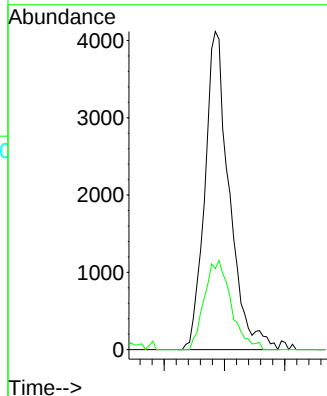
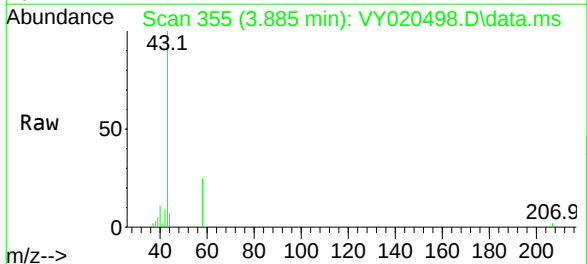
Instrument :
MSVOA_Y
ClientSampleId :
OR-640-VOC-62

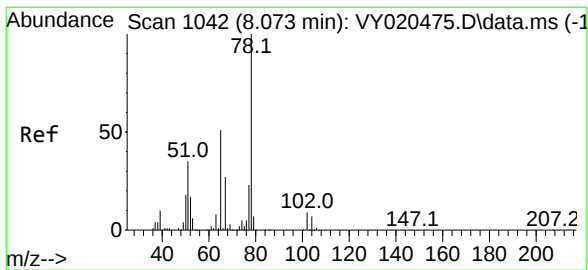
Tgt Ion:168 Resp: 186544
Ion Ratio Lower Upper
168 100
99 61.2 46.6 69.8



#16
Acetone
Concen: 24.594 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Tgt Ion: 43 Resp: 11602
Ion Ratio Lower Upper
43 100
58 25.5 25.7 38.5#

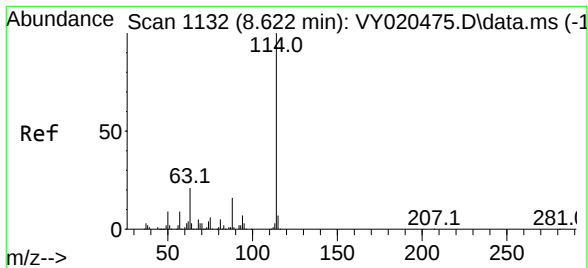
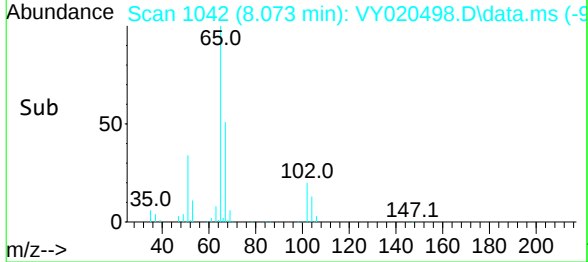
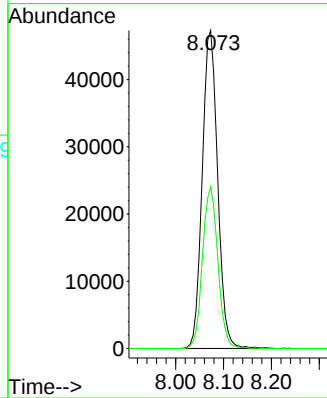
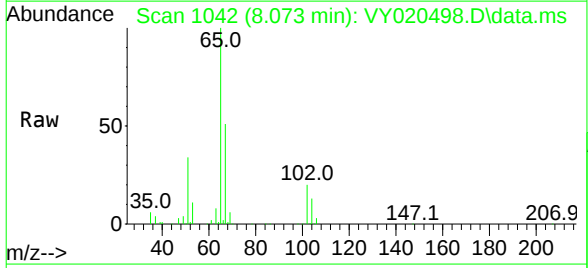




#33
1,2-Dichloroethane-d4
Concen: 55.735 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

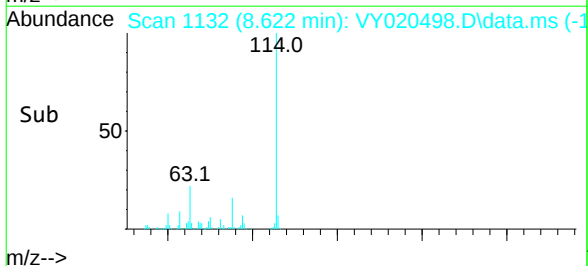
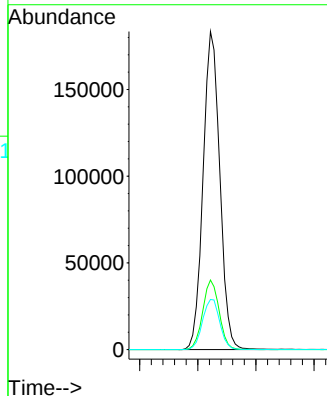
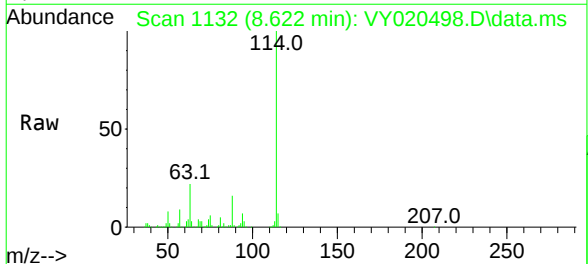
Instrument :
MSVOA_Y
ClientSampleId :
OR-640-VOC-62

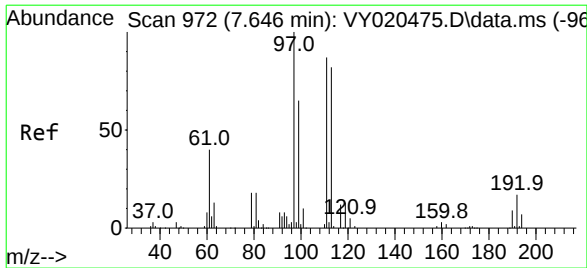
Tgt Ion: 65 Resp: 105739
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Tgt Ion: 114 Resp: 366226
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.8
88 15.8 0.0 32.0

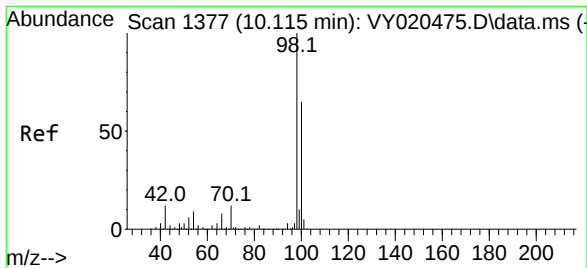
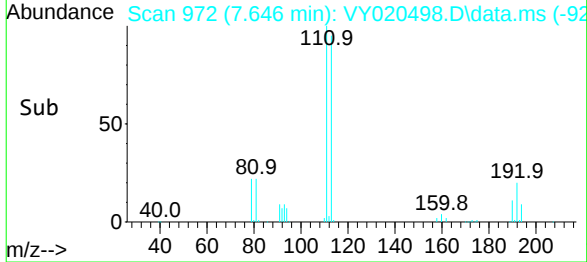
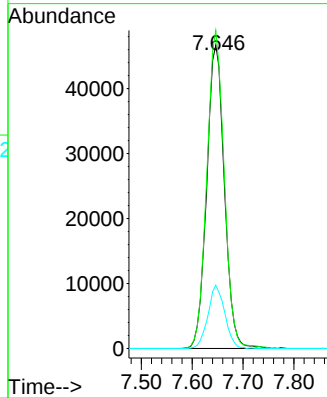
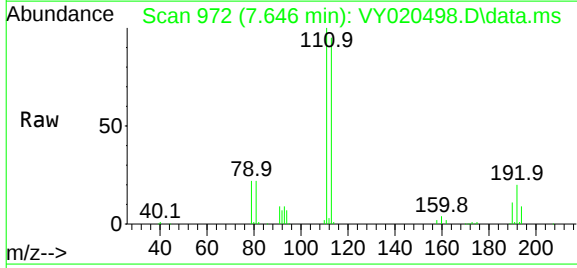




#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

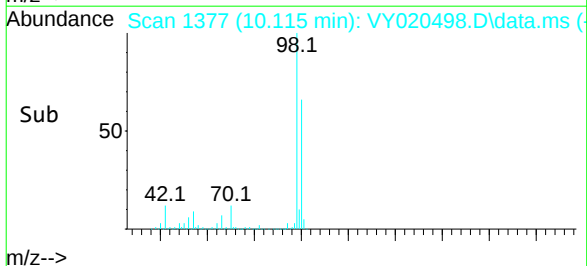
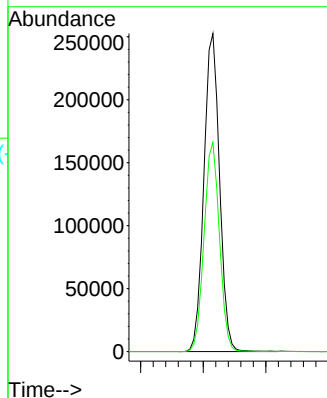
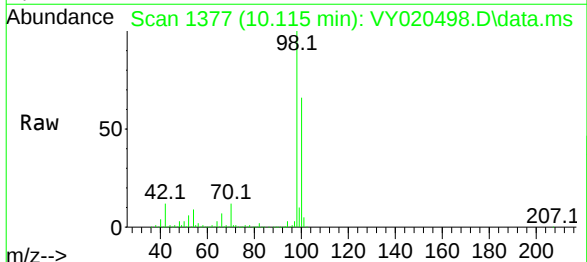
Instrument :
MSVOA_Y
ClientSampleId :
OR-640-VOC-62

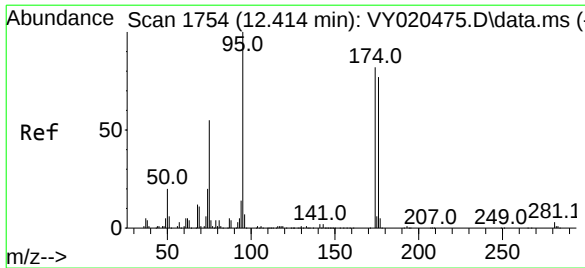
Tgt Ion:113 Resp: 112770
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 19.9 15.1 22.7



#50
Toluene-d8
Concen: 49.964 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Tgt Ion: 98 Resp: 438642
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 44.138 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020498.D

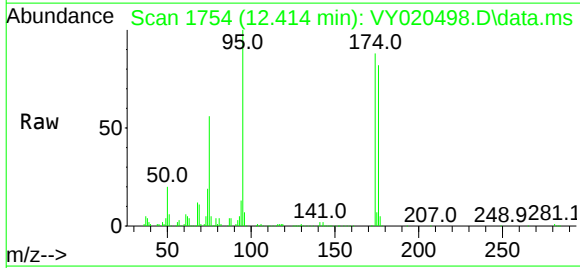
Acq: 03 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

OR-640-VOC-62



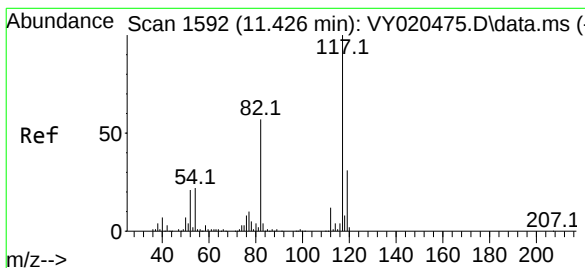
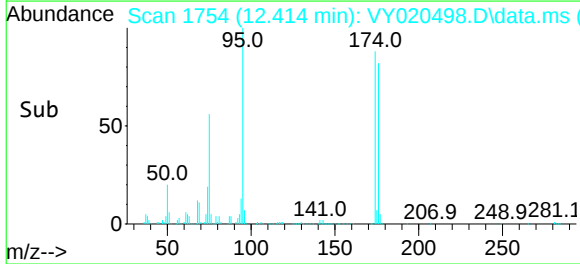
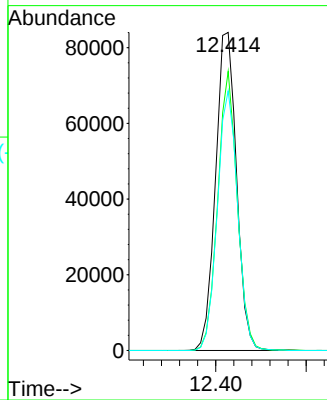
Tgt Ion: 95 Resp: 135526

Ion Ratio Lower Upper

95 100

174 81.7 0.0 156.8

176 78.9 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: VY020498.D

Acq: 03 Dec 2024 11:53

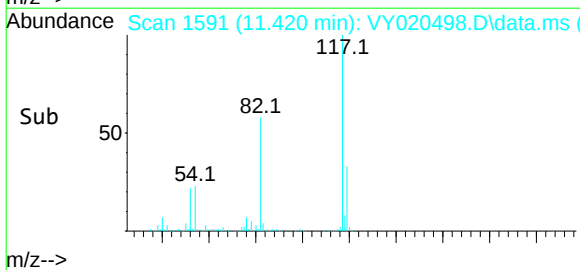
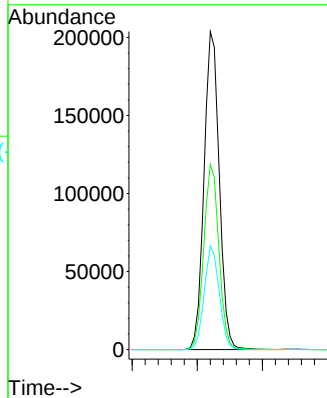
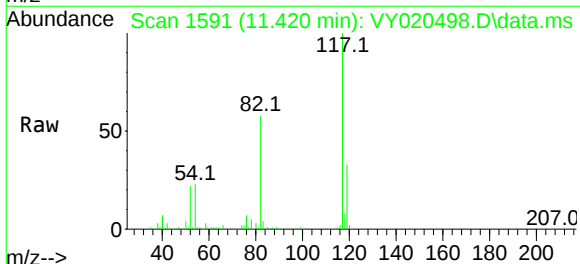
Tgt Ion: 117 Resp: 331125

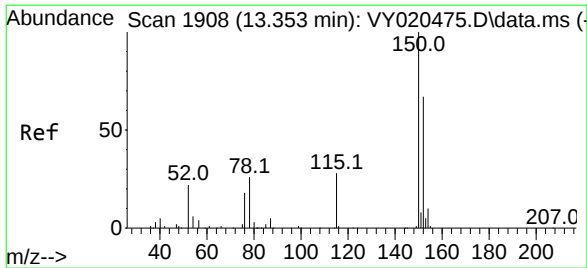
Ion Ratio Lower Upper

117 100

82 58.2 48.2 72.4

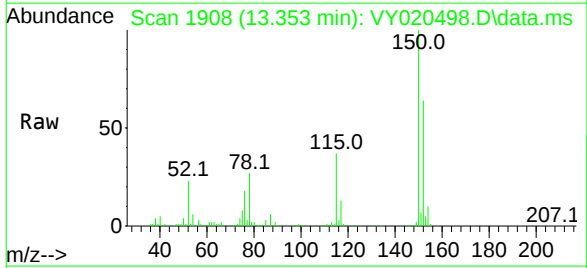
119 32.6 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020498.D
 Acq: 03 Dec 2024 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 119729

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.0	90.0
150	157.0	0.0	348.2

