

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020252.D
 Acq On : 11 Nov 2024 16:46
 Operator : SY/MD
 Sample : P4789-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F21-VOC

Quant Time: Nov 11 23:18:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

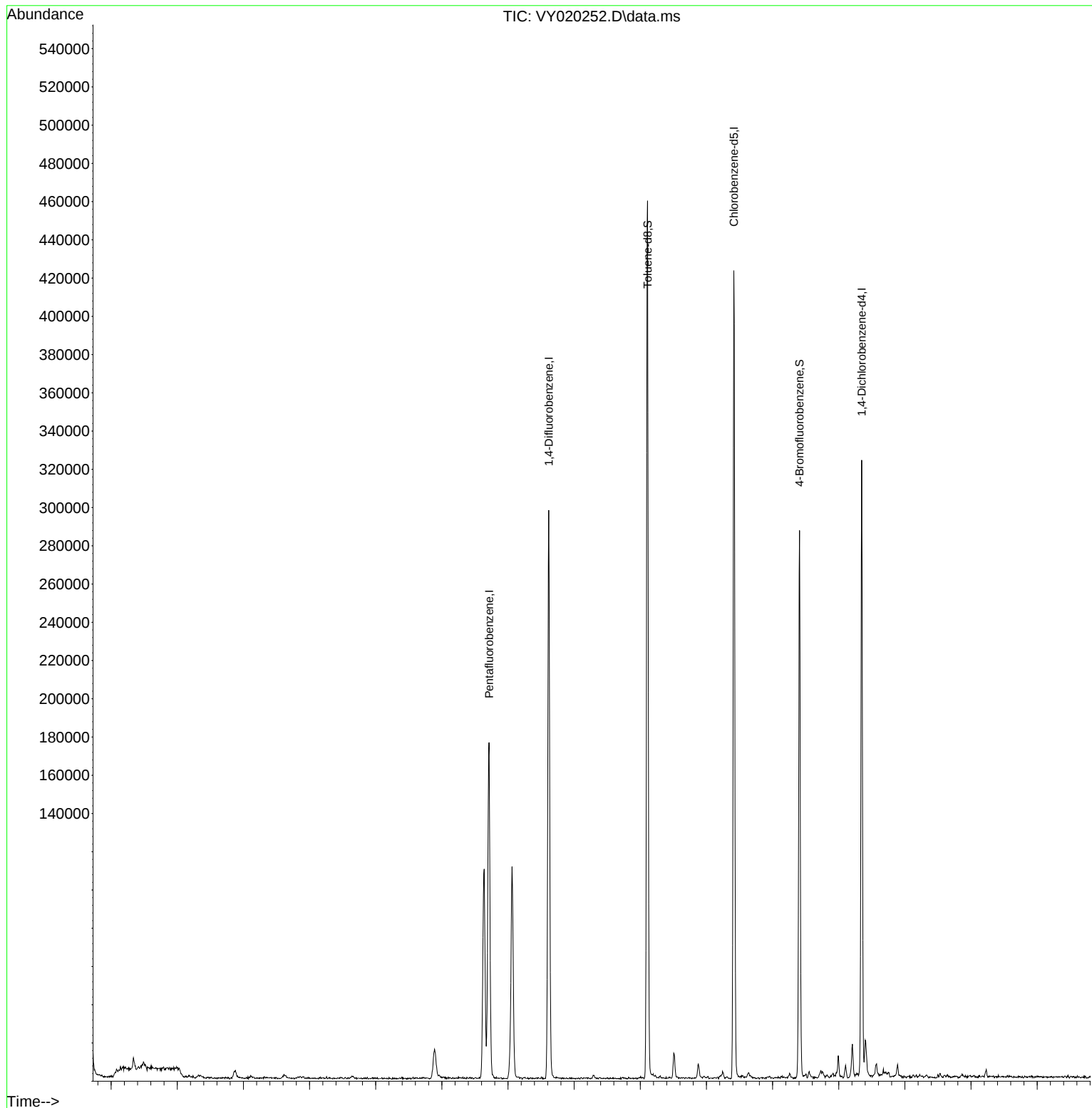
Internal Standards						
1) Pentafluorobenzene	7.713	168	119529	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	234648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	209503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	69599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81689	54.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.520%
35) Dibromofluoromethane	7.640	113	77122	51.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.380%
50) Toluene-d8	10.109	98	287553	48.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.408	95	82536	42.790	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.580%
Target Compounds						
16) Acetone	3.879	43	7346	21.175	ug/l	Qvalue 93

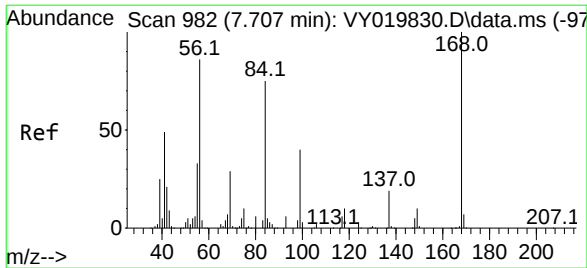
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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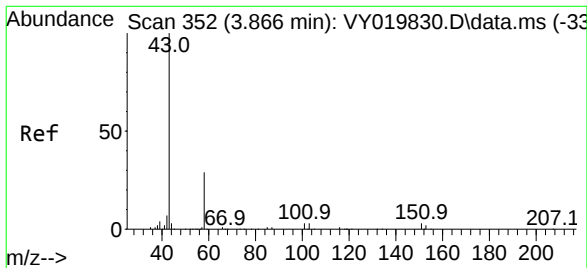
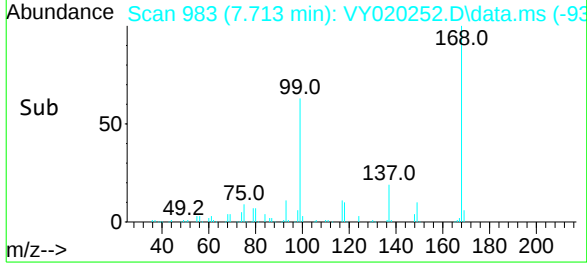
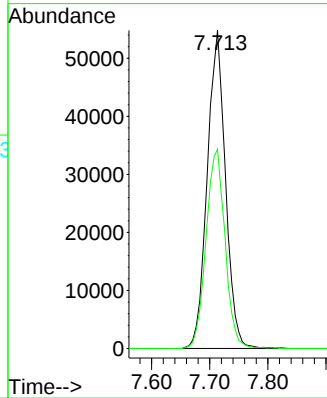
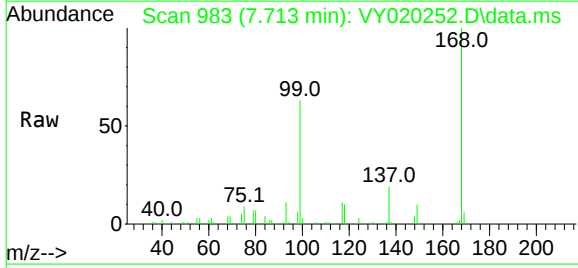




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

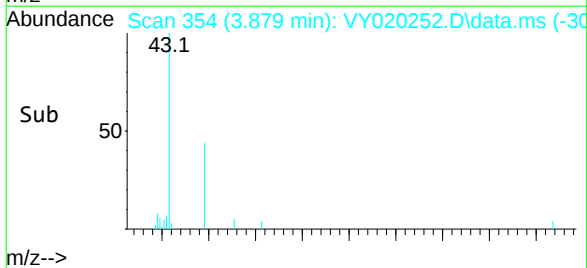
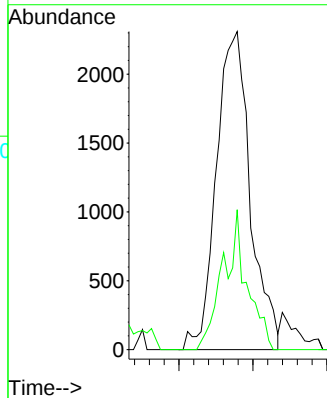
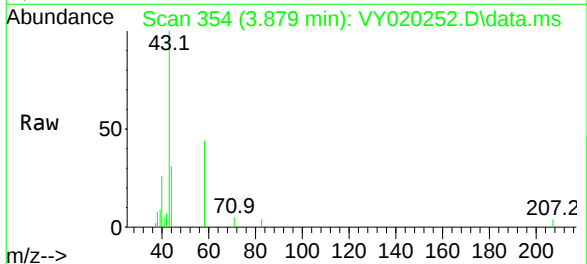
Instrument :
MSVOA_Y
ClientSampleId :
BP-F21-VOC

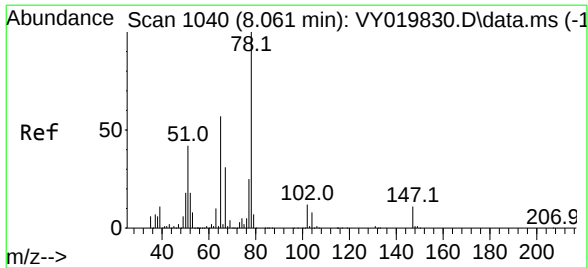
Tgt Ion:168 Resp: 119529
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#16
Acetone
Concen: 21.175 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Tgt Ion: 43 Resp: 7346
Ion Ratio Lower Upper
43 100
58 44.0 31.7 47.5

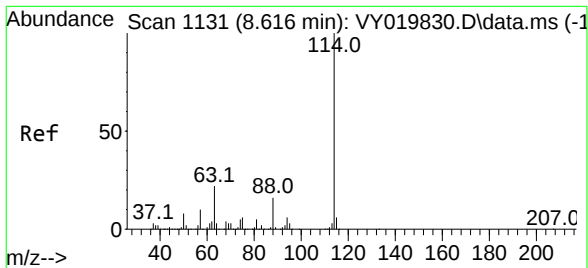
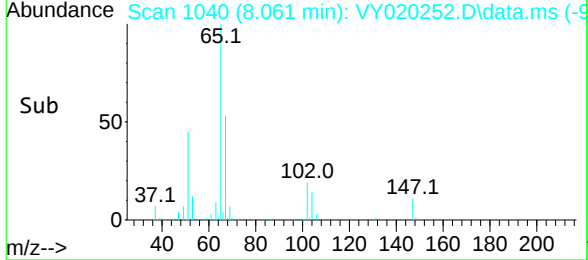
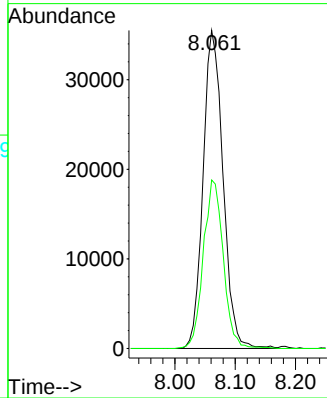
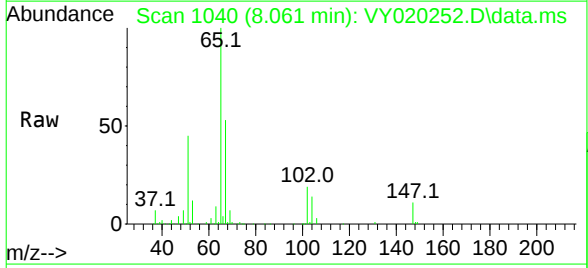




#33
1,2-Dichloroethane-d4
Concen: 54.759 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

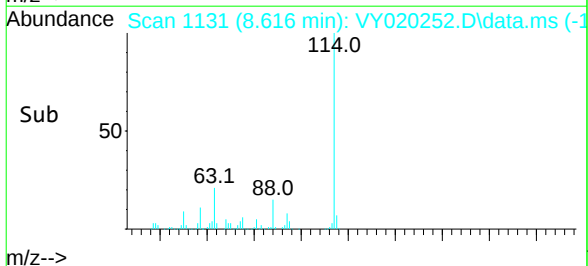
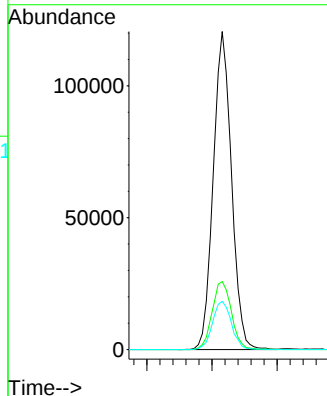
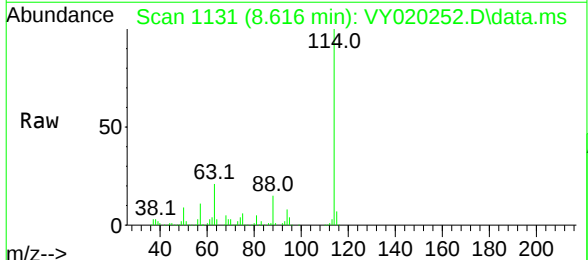
Instrument :
MSVOA_Y
ClientSampleId :
BP-F21-VOC

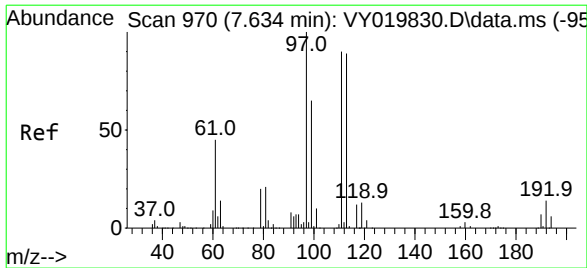
Tgt Ion: 65 Resp: 81689
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Tgt Ion: 114 Resp: 234648
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.2 0.0 27.2

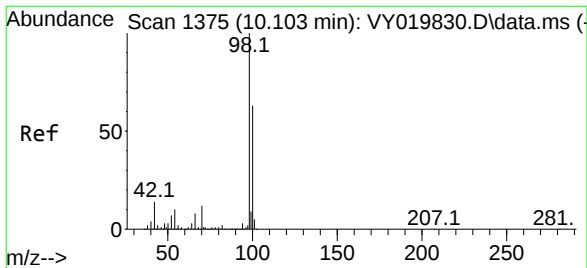
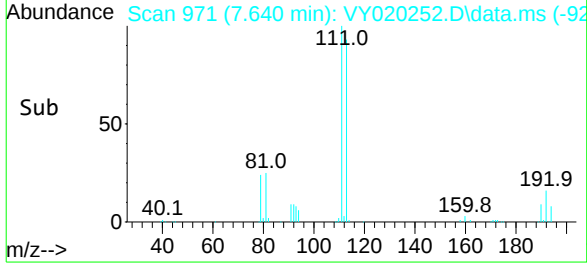
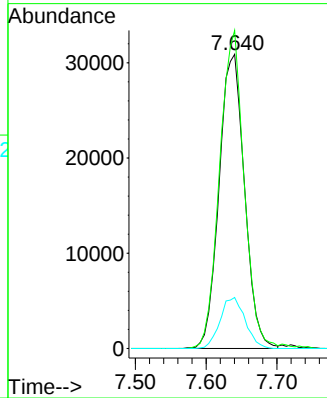
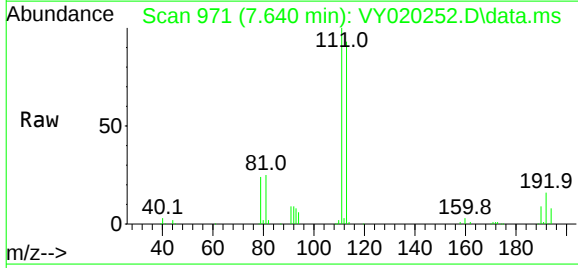




#35
Dibromofluoromethane
Concen: 51.695 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

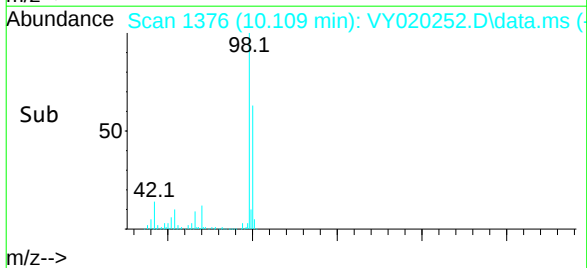
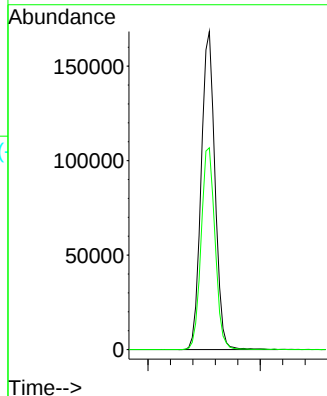
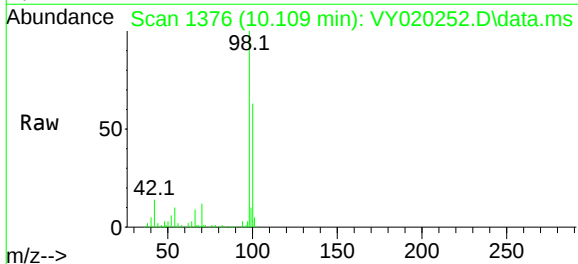
Instrument :
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BP-F21-VOC

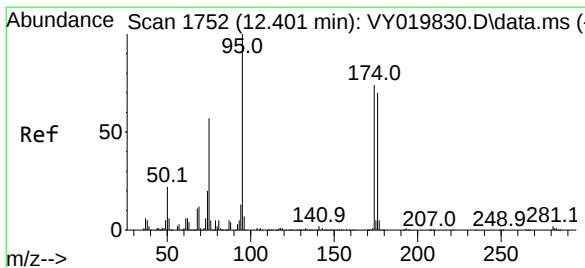
Tgt Ion:113 Resp: 77122
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 17.1 15.9 23.9



#50
Toluene-d8
Concen: 48.423 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020252.D
Acq: 11 Nov 2024 16:46

Tgt Ion: 98 Resp: 287553
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.790 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

BP-F21-VOC

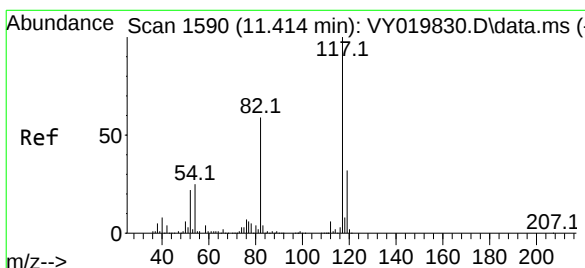
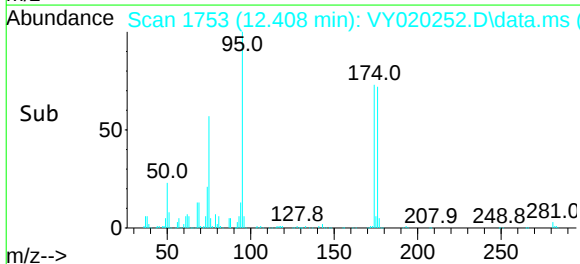
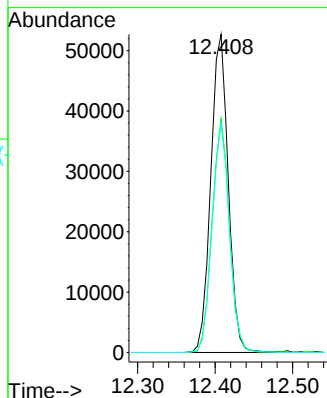
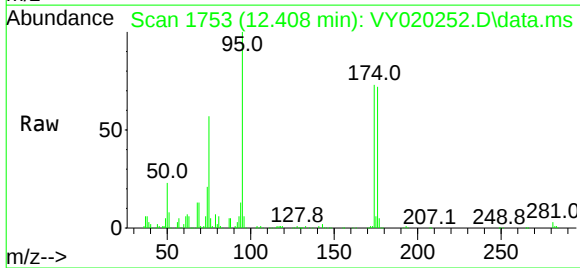
Tgt Ion: 95 Resp: 82536

Ion Ratio Lower Upper

95 100

174 72.5 0.0 175.6

176 71.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020252.D

Acq: 11 Nov 2024 16:46

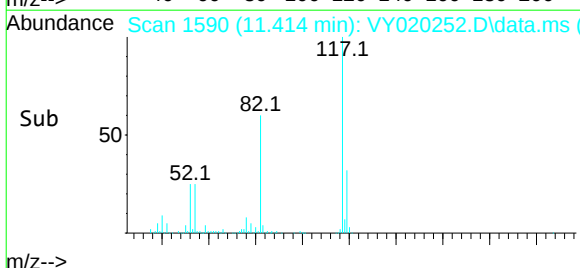
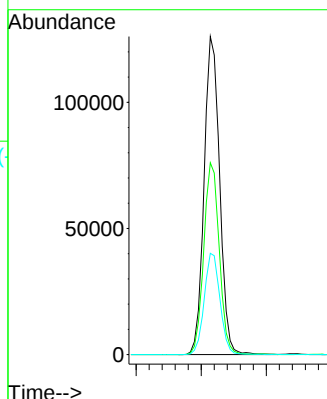
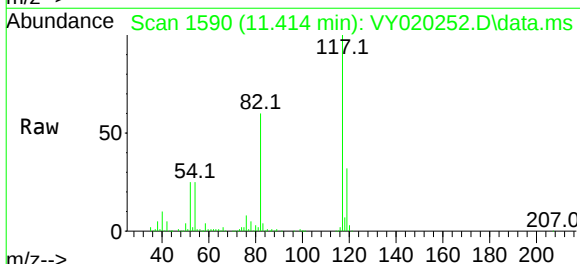
Tgt Ion: 117 Resp: 209503

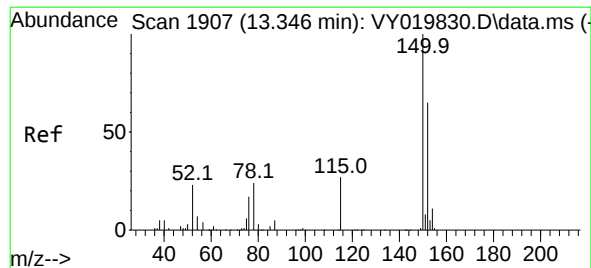
Ion Ratio Lower Upper

117 100

82 60.3 42.4 63.6

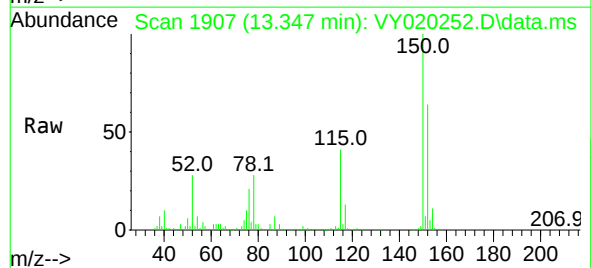
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020252.D
 Acq: 11 Nov 2024 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F21-VOC



Tgt Ion:	152	Resp:	69599
Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.2	84.7
150	162.8	0.0	345.6

