

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020041.D
 Acq On : 28 Oct 2024 16:05
 Operator : SY/MD
 Sample : P4561-03
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-19-VOC

Quant Time: Oct 29 01:59:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	391970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136531	59.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.400%
35) Dibromofluoromethane	7.640	113	129994	50.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.103	98	484278	50.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.401	95	149259	43.246	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.500%

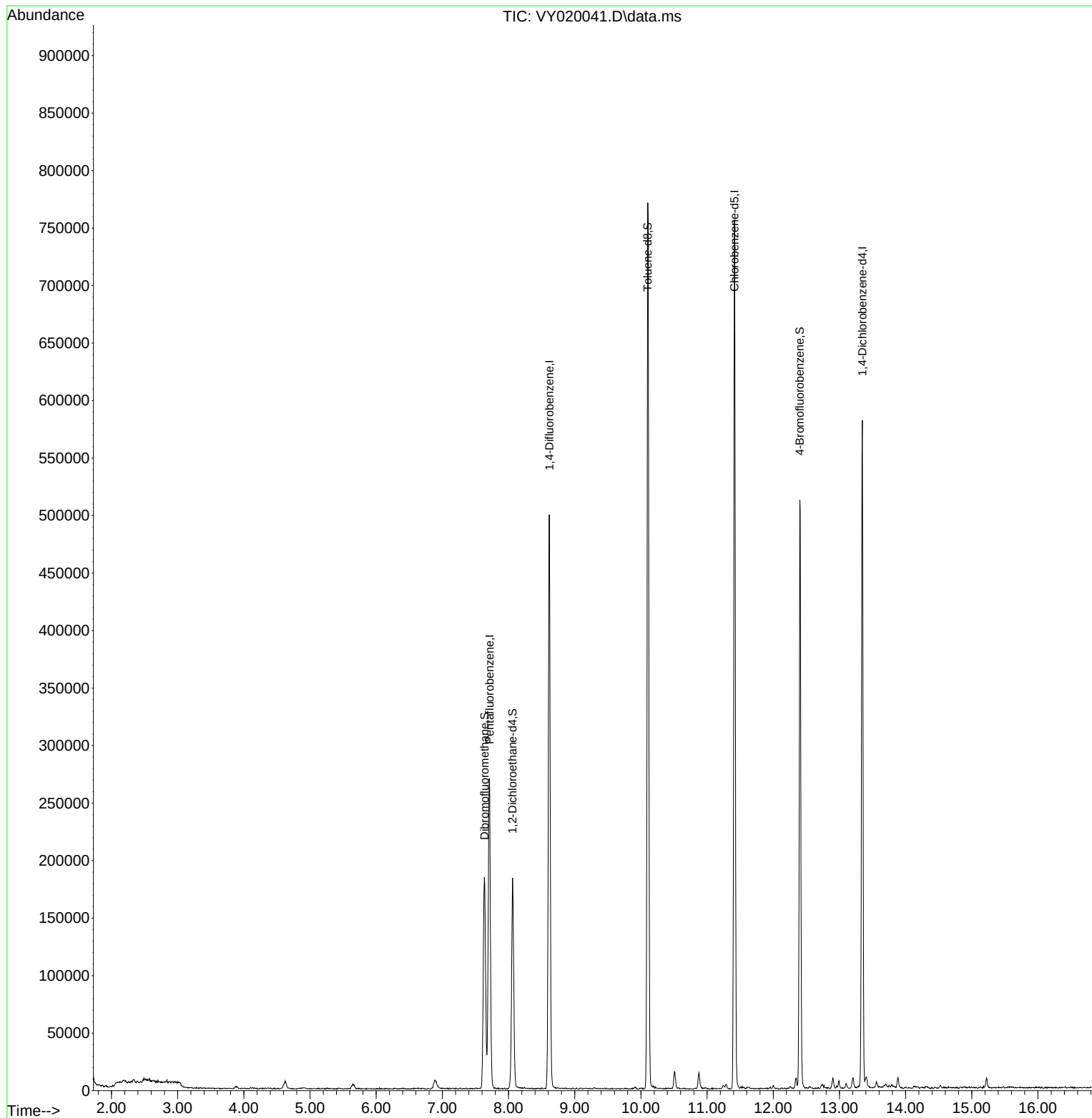
Target Compounds	Qvalue

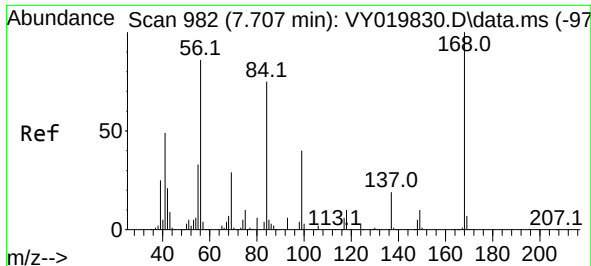
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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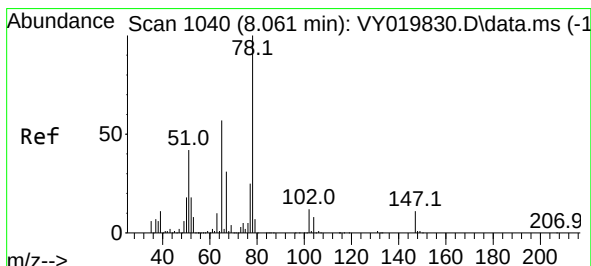
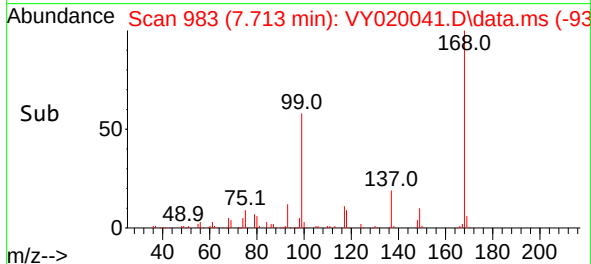
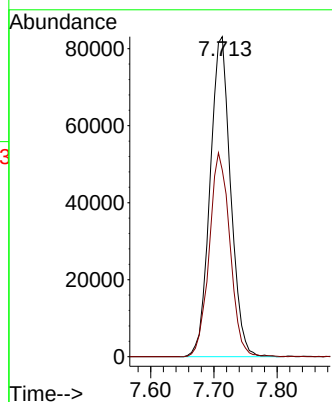
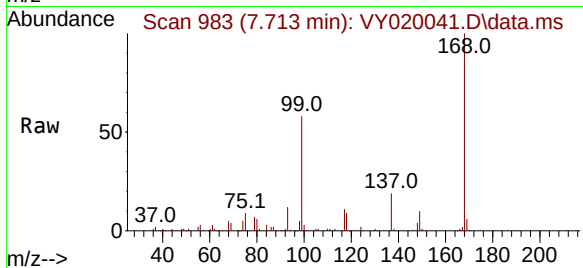




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

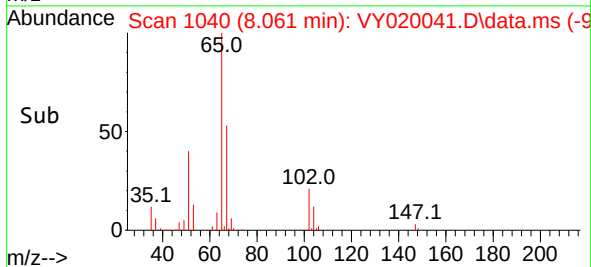
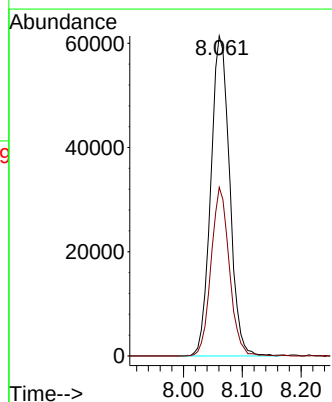
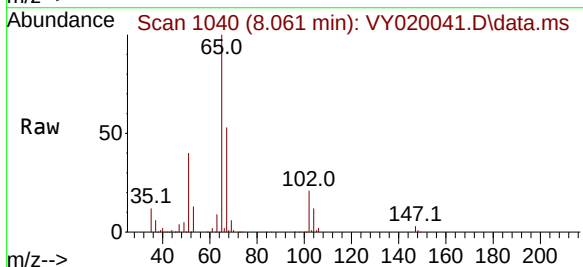
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-19-VOC

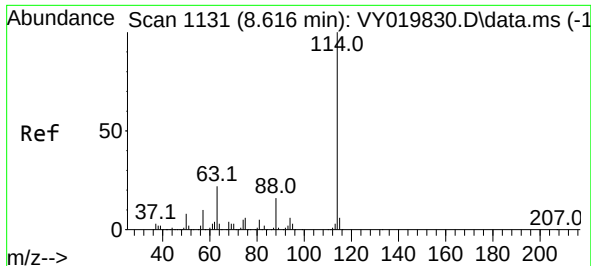
Tgt Ion:168 Resp: 187307
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.199 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Tgt Ion: 65 Resp: 136531
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

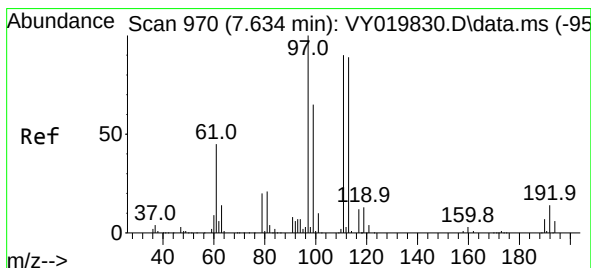
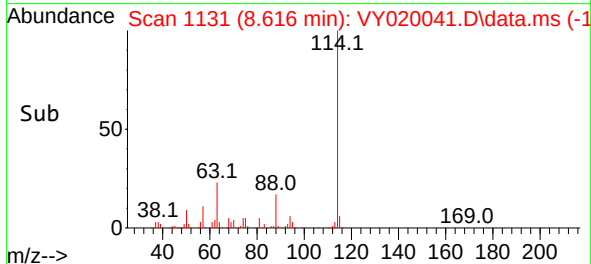
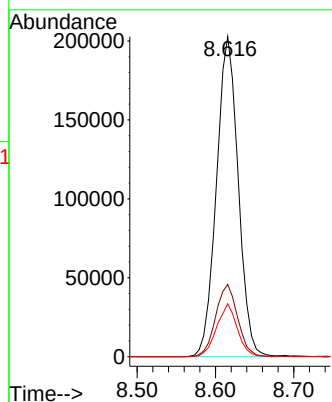
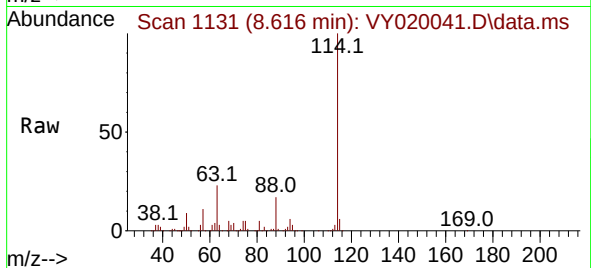




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

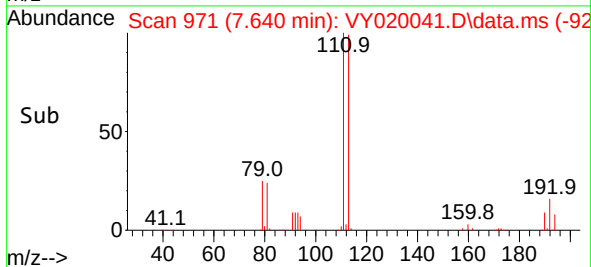
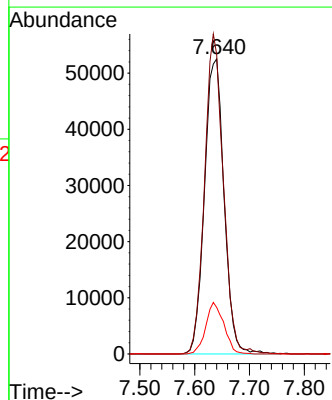
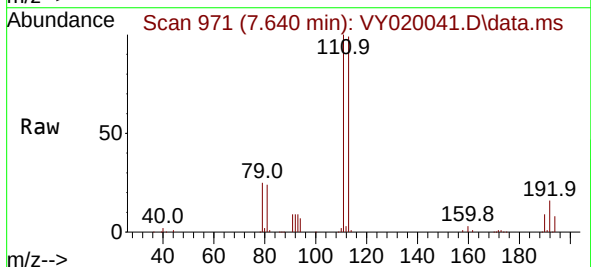
Instrument :
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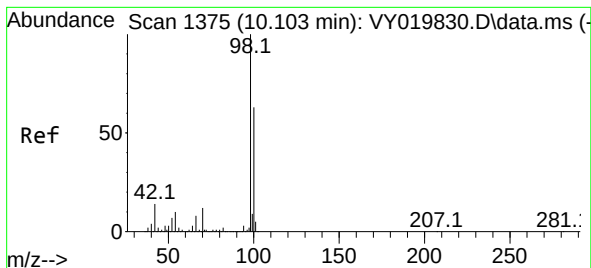
Tgt Ion:114 Resp: 391970
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.257 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Tgt Ion:113 Resp: 129994
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.2 15.9 23.9

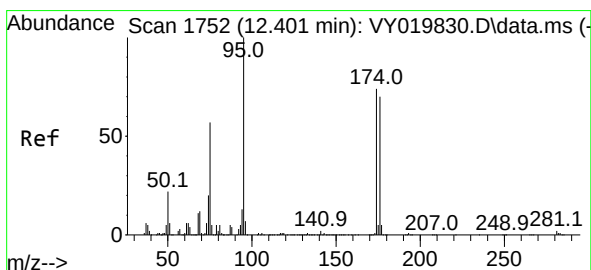
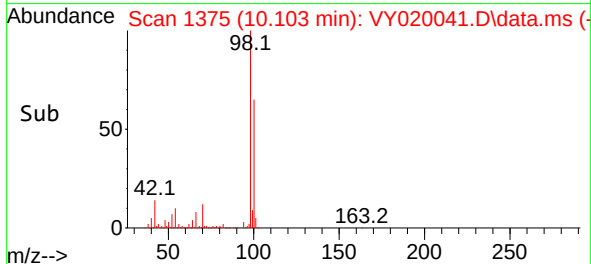
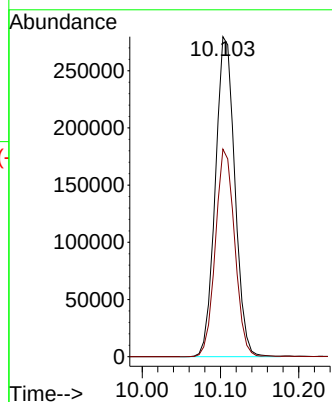
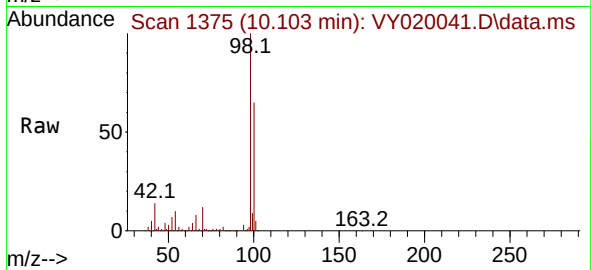




#50
Toluene-d8
Concen: 50.700 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

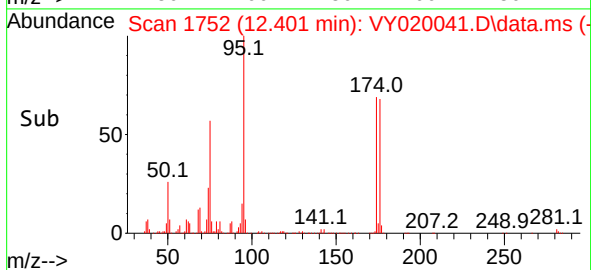
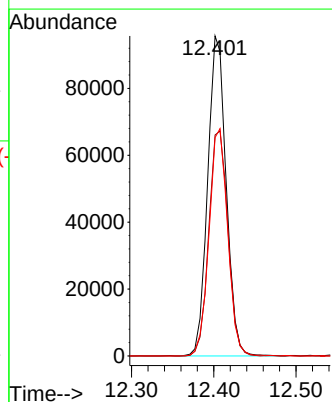
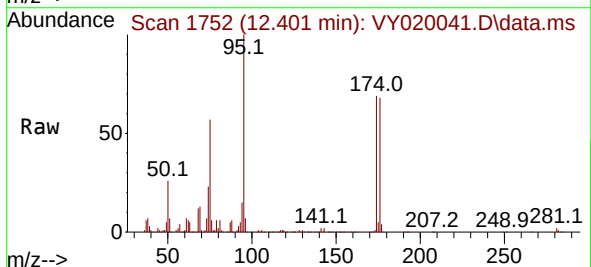
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-19-VOC

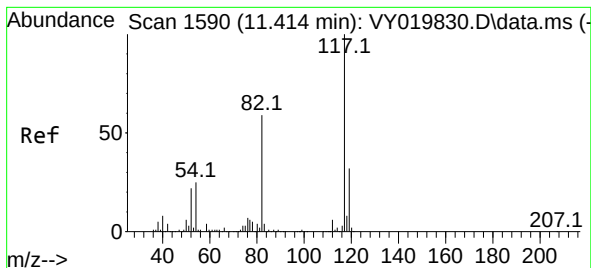
Tgt Ion: 98 Resp: 484278
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.246 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Tgt Ion: 95 Resp: 149259
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020041.D

Acq: 28 Oct 2024 16:05

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-19-VOC

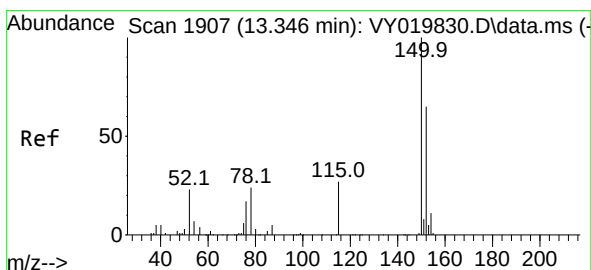
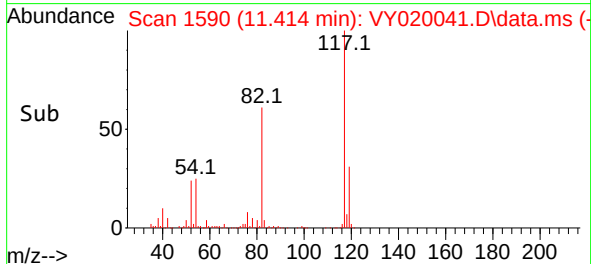
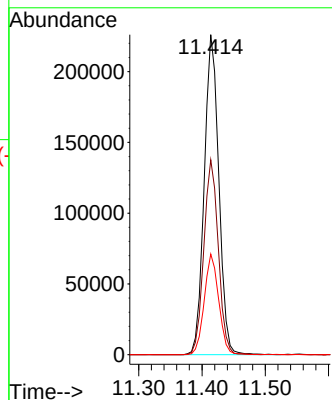
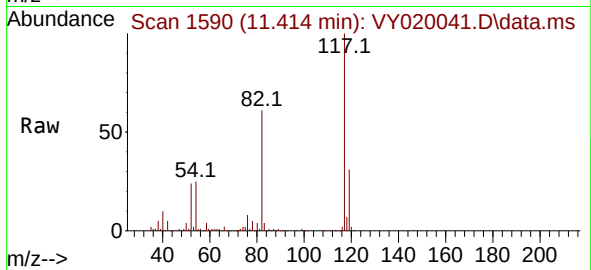
Tgt Ion:117 Resp: 363115

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020041.D

Acq: 28 Oct 2024 16:05

Tgt Ion:152 Resp: 128122

Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 159.2 0.0 345.6

