

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020043.D
 Acq On : 28 Oct 2024 17:05
 Operator : SY/MD
 Sample : P4567-11
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Oct 29 02:00:11 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)

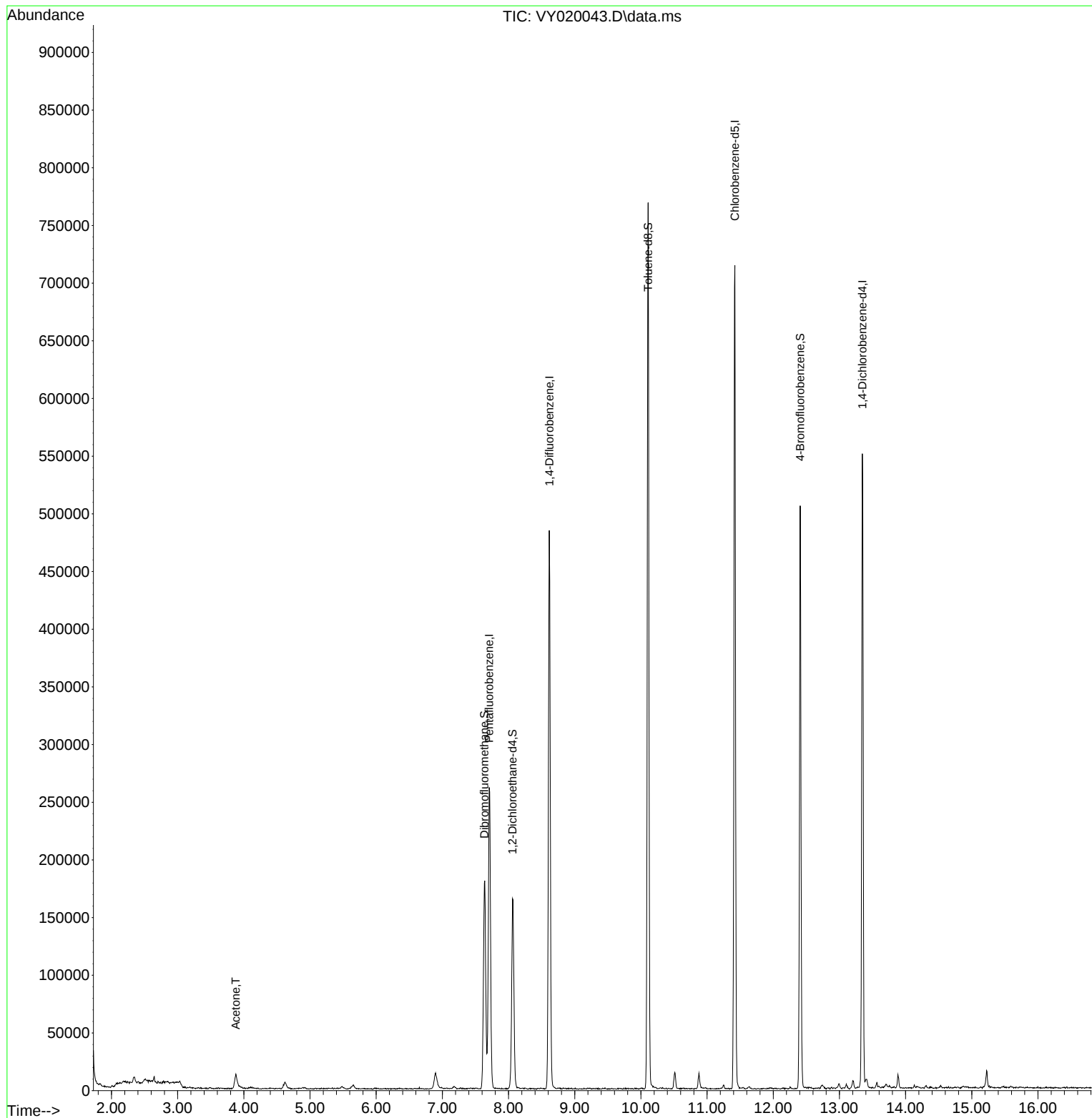
Internal Standards						
1) Pentafluorobenzene	7.707	168	180459	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	378580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127086	57.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.634	113	125289	50.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.109	98	476467	51.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.407	95	143832	43.148	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.300%
Target Compounds						
16) Acetone	3.879	43	22199	38.379	ug/l	Qvalue 93

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

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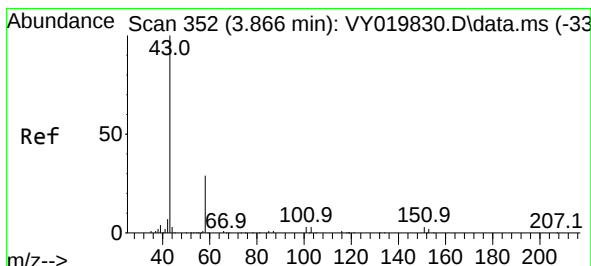
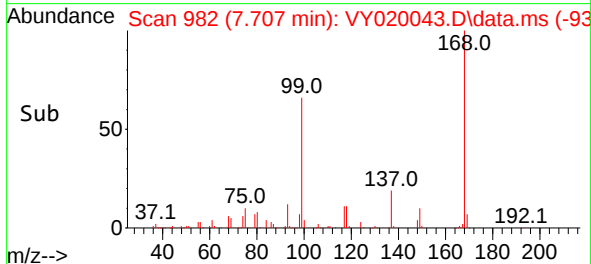
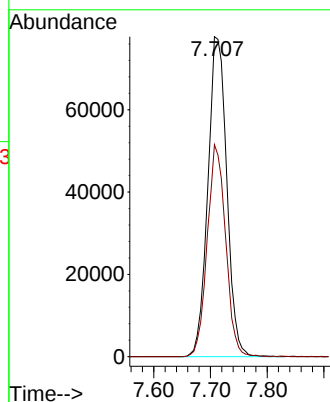
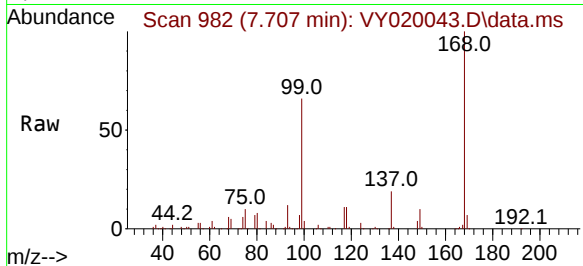




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

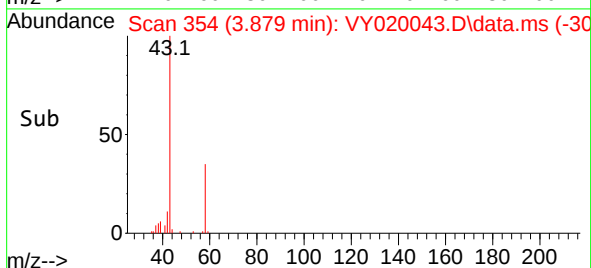
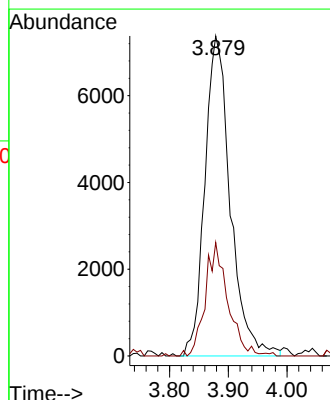
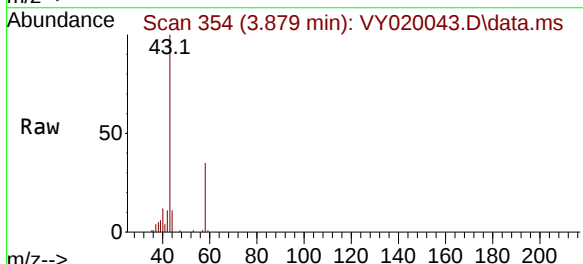
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

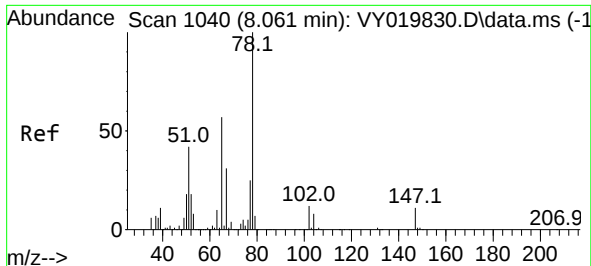
Tgt Ion:168 Resp: 180459
Ion Ratio Lower Upper
168 100
99 66.2 39.1 58.7#



#16
Acetone
Concen: 38.379 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 43 Resp: 22199
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5

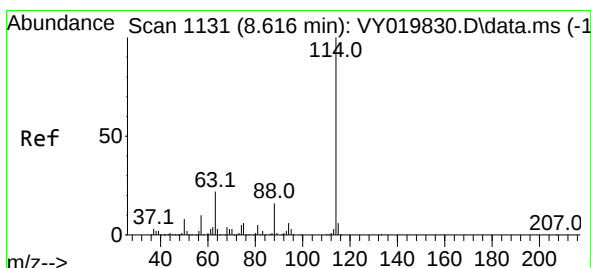
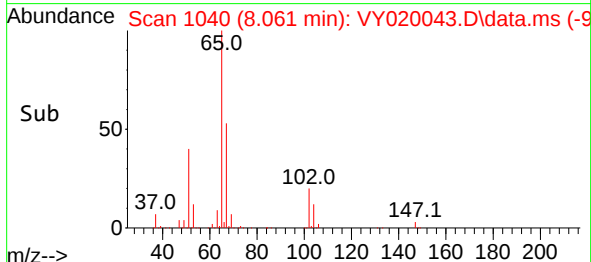
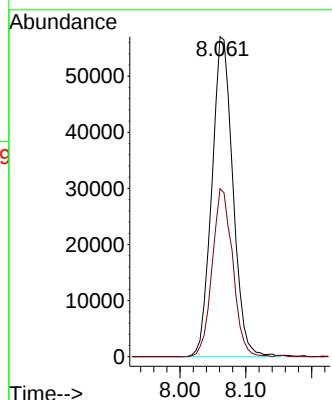
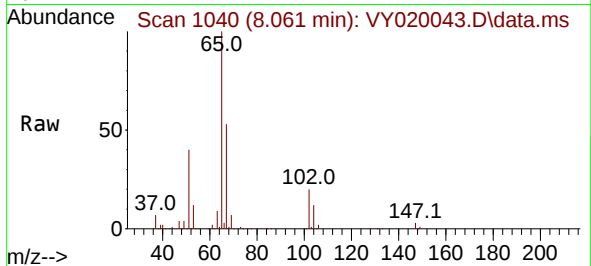




#33
 1,2-Dichloroethane-d4
 Concen: 57.195 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY020043.D
 Acq: 28 Oct 2024 17:05

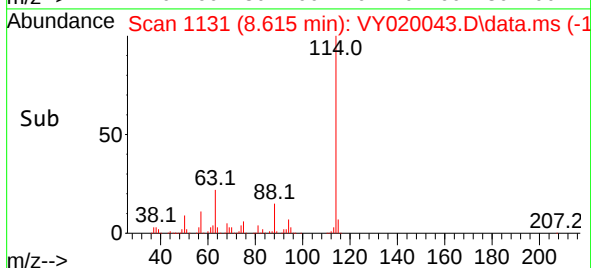
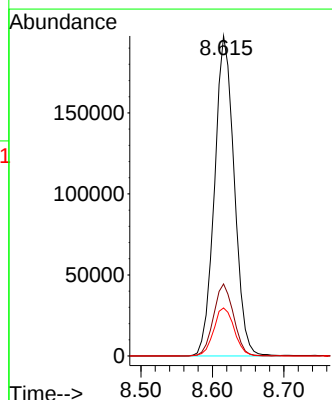
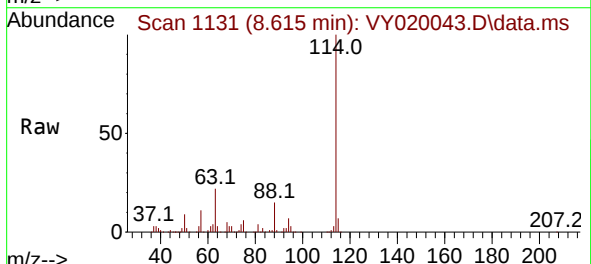
Instrument :
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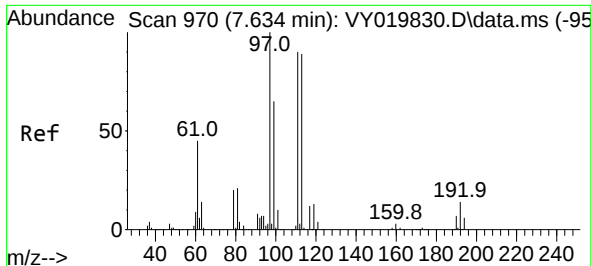
Tgt Ion: 65 Resp: 127086
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020043.D
 Acq: 28 Oct 2024 17:05

Tgt Ion: 114 Resp: 378580
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.0
 88 15.0 0.0 27.2

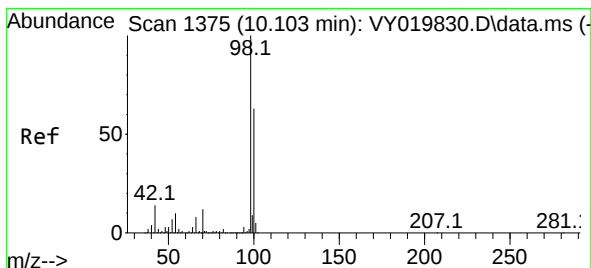
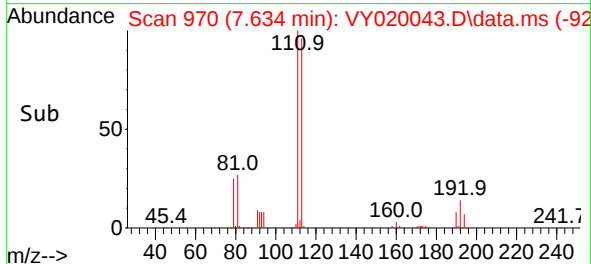
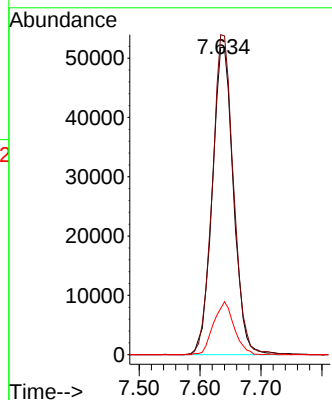
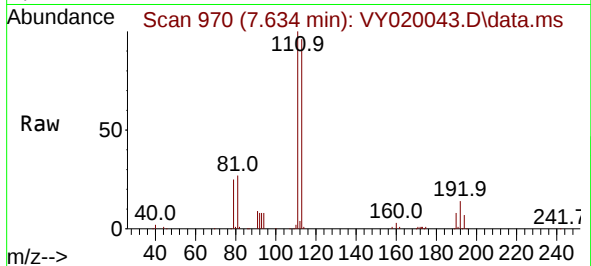




#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

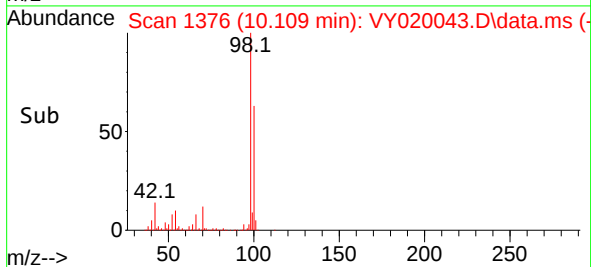
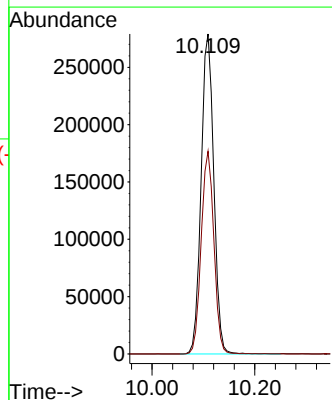
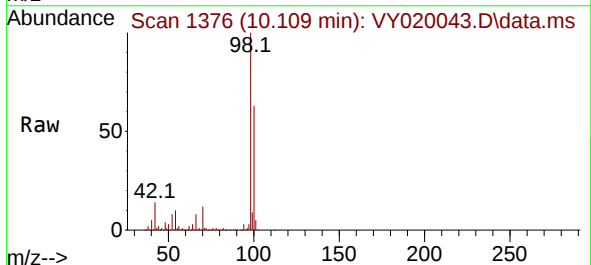
Instrument :
MSVOA_Y
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WC-3-VOC

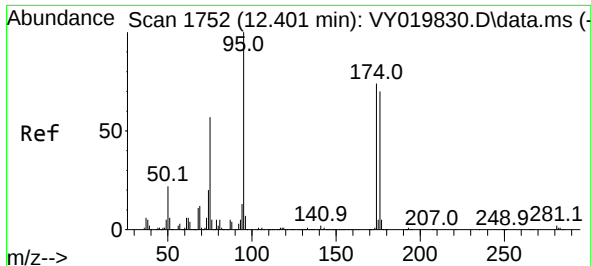
Tgt Ion:113 Resp: 125289
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.8 15.9 23.9



#50
Toluene-d8
Concen: 51.646 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 98 Resp: 476467
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

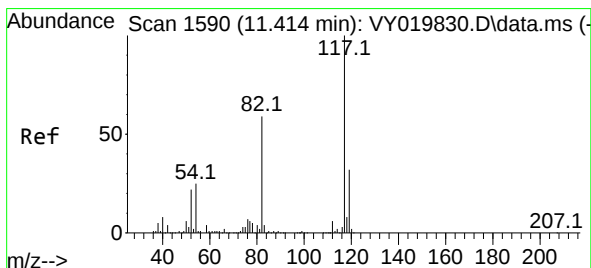
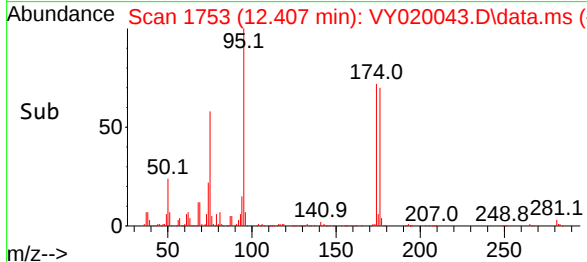
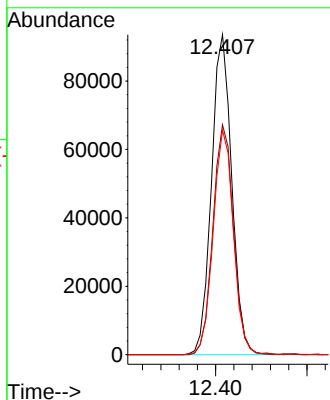
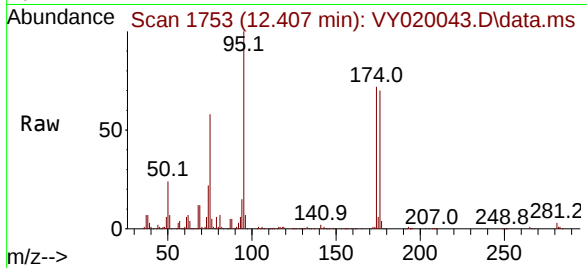




#62
4-Bromofluorobenzene
Concen: 43.148 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

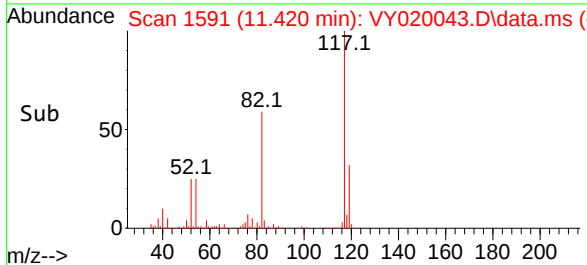
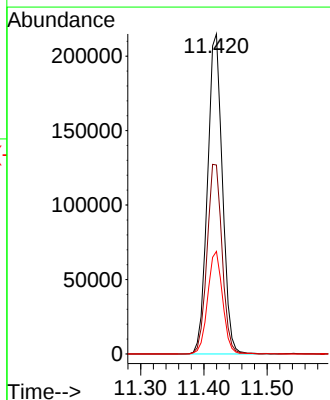
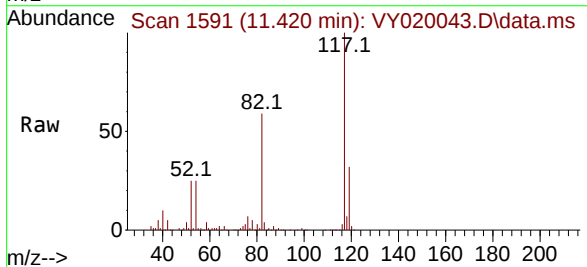
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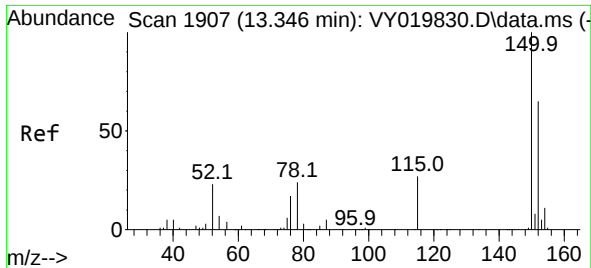
Tgt Ion: 95 Resp: 143832
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020043.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 117 Resp: 351313
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.0 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: VY020043.D

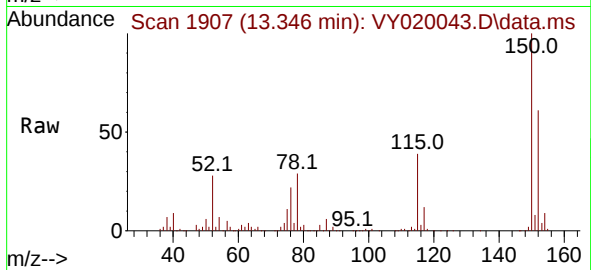
Acq: 28 Oct 2024 17:05

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC



Tgt Ion:152 Resp: 121818

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 160.4 0.0 345.6

