

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020417.D
 Acq On : 22 Nov 2024 16:47
 Operator : SY/MD
 Sample : P4960-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW2

Quant Time: Nov 23 00:03:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	1341	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	2519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1661	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	335	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1398	90.741	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.480%#
35) Dibromofluoromethane	7.640	113	865	53.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.109	98	2871	45.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.240%
62) 4-Bromofluorobenzene	12.420	95	263	12.858	ug/l	0.02
Spiked Amount	50.000	Range	29 - 146	Recovery	=	25.720%#

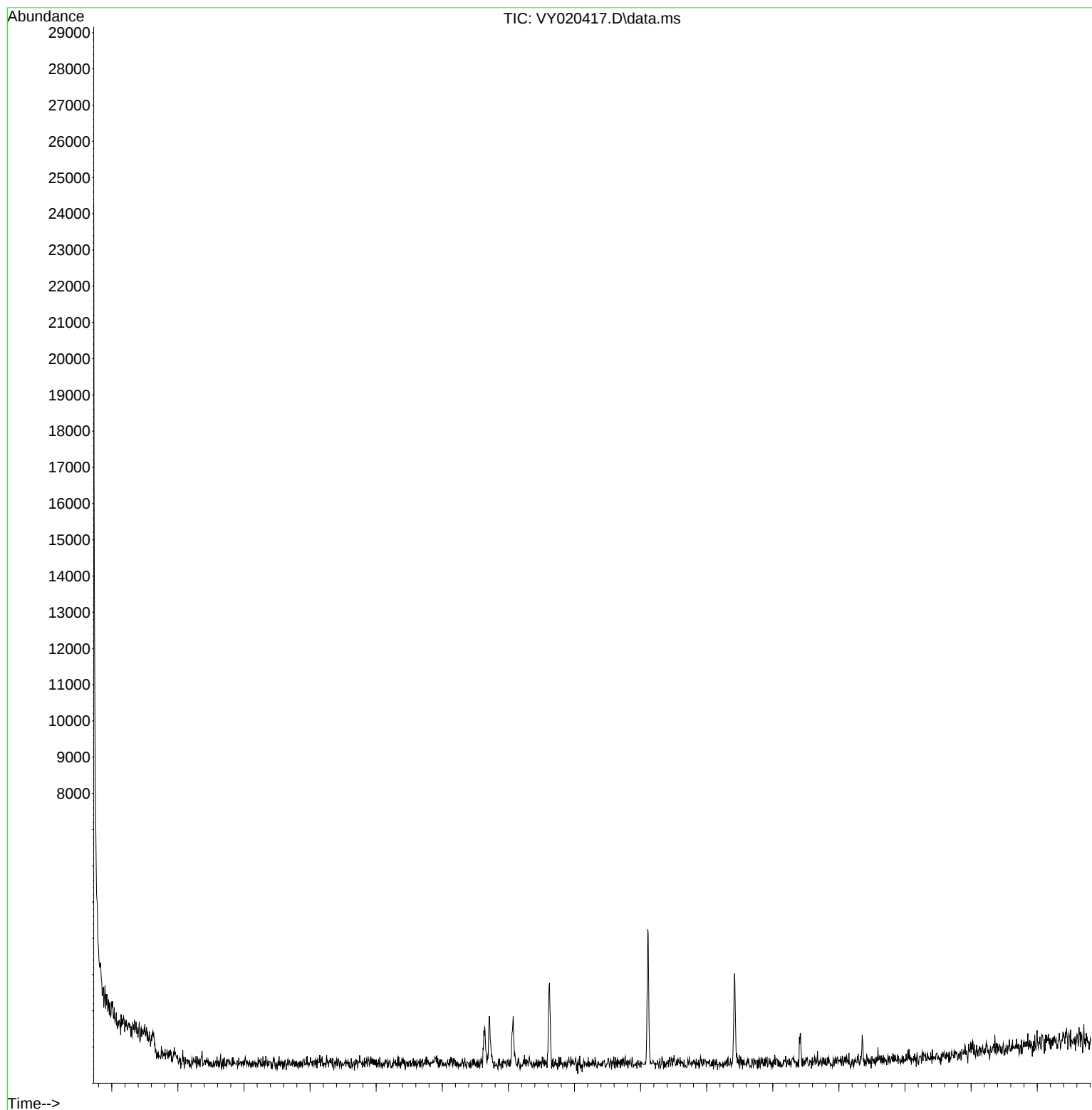
Target Compounds Qvalue

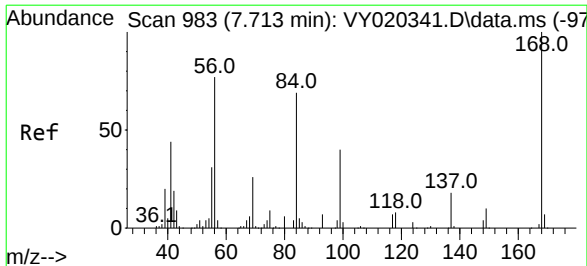
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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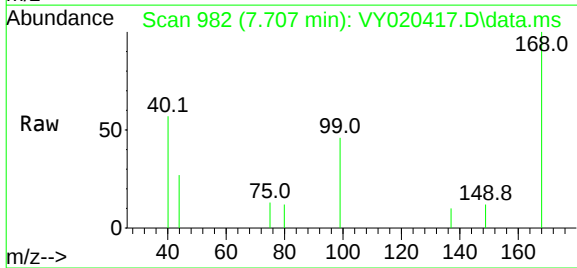
Quant Time: Nov 23 00:03:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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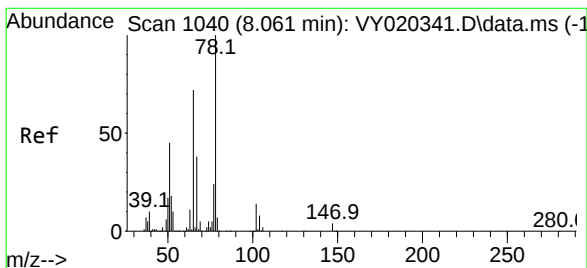
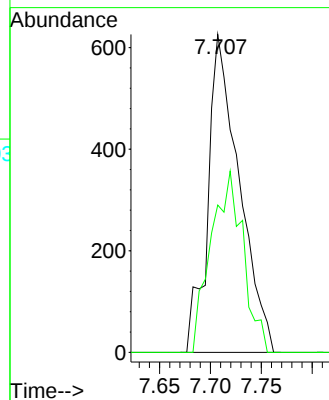
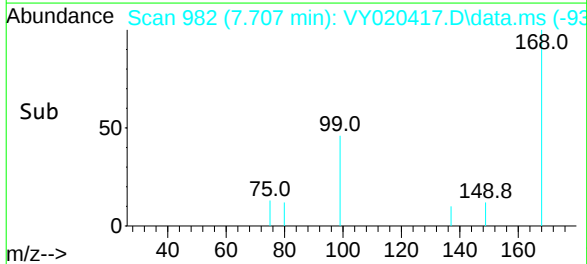


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.707 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: VY020417.D
 Acq: 22 Nov 2024 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW2

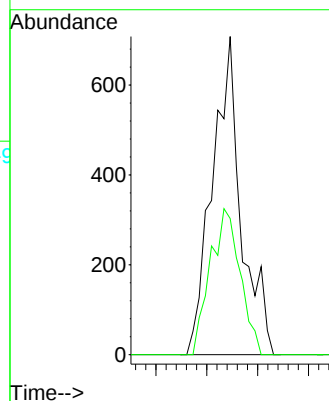
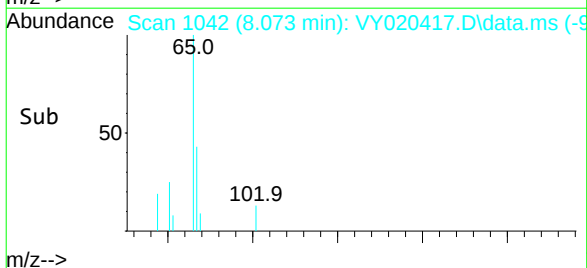
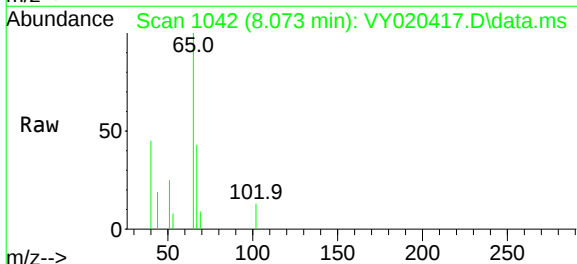


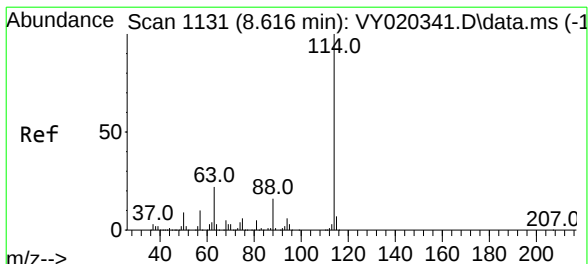
Tgt Ion: 168 Resp: 1341
 Ion Ratio Lower Upper
 168 100
 99 46.3 46.6 69.8#



1,2-Dichloroethane-d4
 Concen: 90.741 ug/l
 RT: 8.073 min Scan# 1042
 Delta R.T. 0.012 min
 Lab File: VY020417.D
 Acq: 22 Nov 2024 16:47

Tgt Ion: 65 Resp: 1398
 Ion Ratio Lower Upper
 65 100
 67 47.4 0.0 105.8

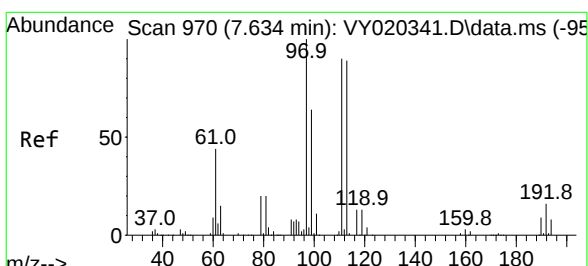
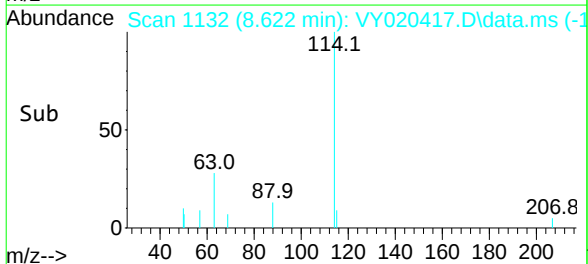
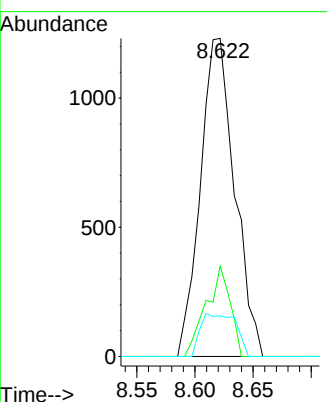
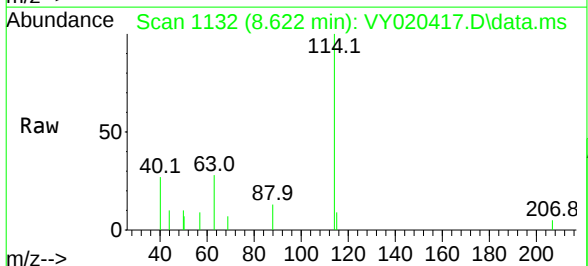




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY020417.D
 Acq: 22 Nov 2024 16:47

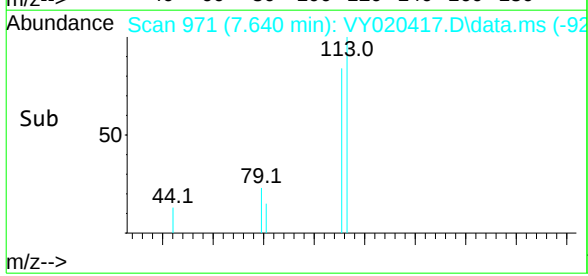
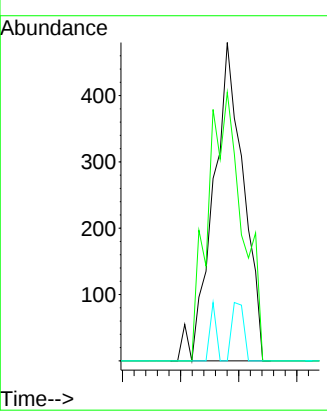
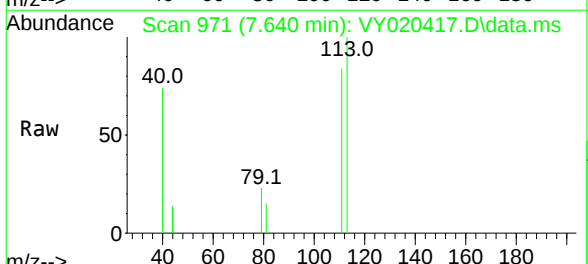
Instrument :
 MSVOA_Y
 ClientSampleId :
 SW2

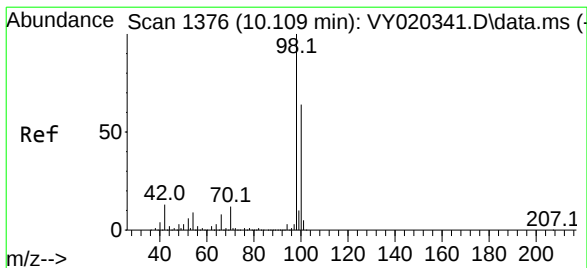
Tgt Ion:	114	Resp:	2519
Ion	Ratio	Lower	Upper
114	100		
63	28.4	0.0	44.8
88	12.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 53.552 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020417.D
 Acq: 22 Nov 2024 16:47

Tgt Ion:	113	Resp:	865
Ion	Ratio	Lower	Upper
113	100		
111	96.3	81.4	122.0
192	7.3	15.1	22.7#





#50

Toluene-d8

Concen: 45.121 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

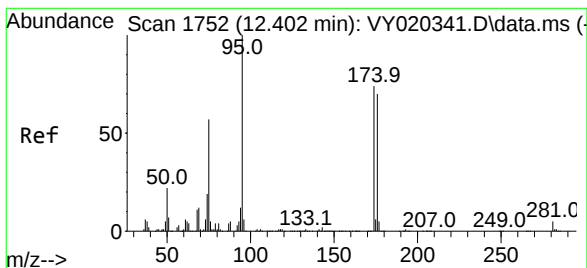
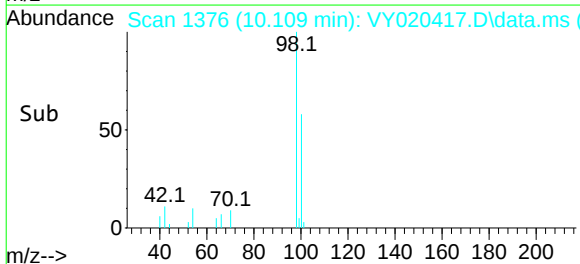
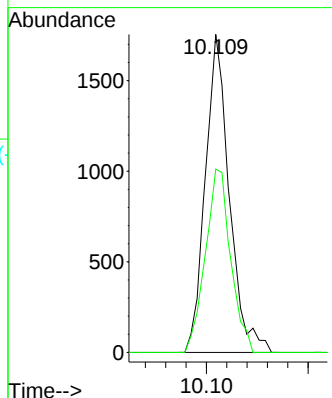
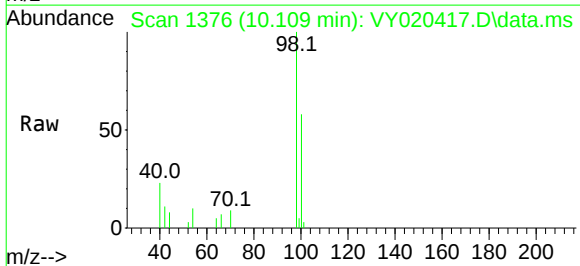
SW2

Tgt Ion: 98 Resp: 2871

Ion Ratio Lower Upper

98 100

100 60.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 12.858 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.018 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

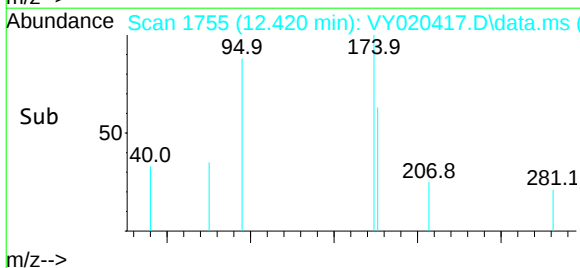
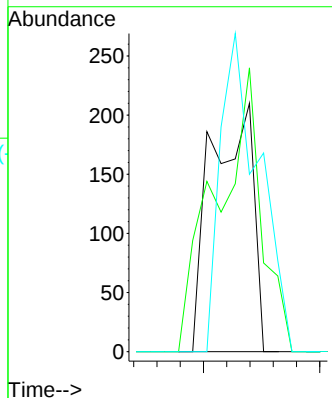
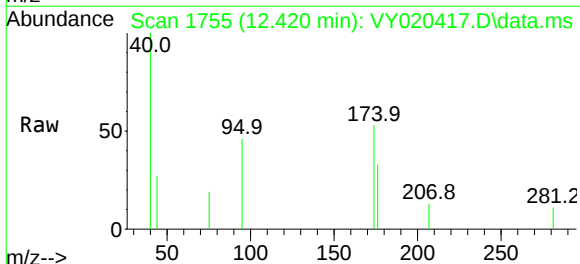
Tgt Ion: 95 Resp: 263

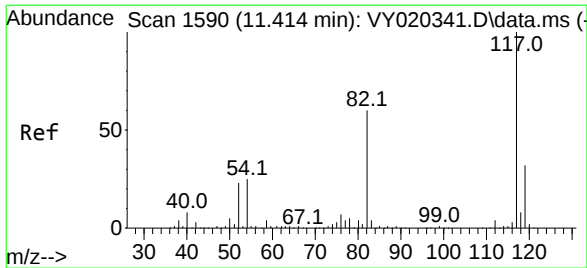
Ion Ratio Lower Upper

95 100

174 122.1 0.0 156.8

176 118.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.012 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

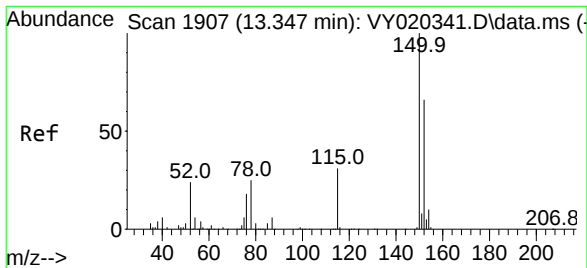
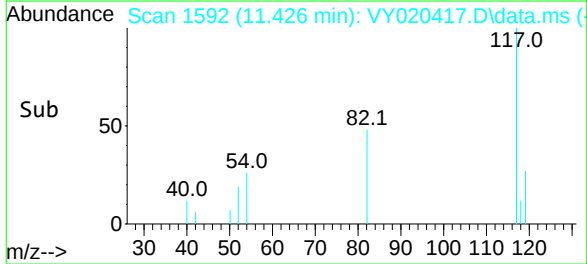
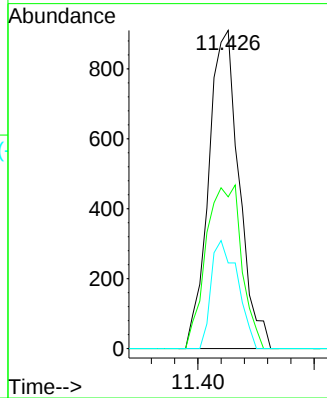
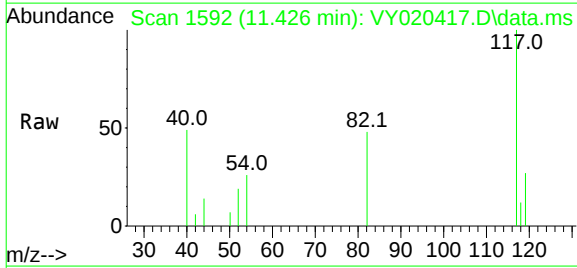
Instrument :

MSVOA_Y

ClientSampleId :

SW2

Tgt Ion:	117	Resp:	1661
Ion	Ratio	Lower	Upper
117	100		
82	47.7	48.2	72.4#
119	26.9	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

Tgt Ion:	152	Resp:	335
Ion	Ratio	Lower	Upper
152	100		
115	17.6	30.0	90.0#
150	116.1	0.0	348.2

