

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020534.D
 Acq On : 06 Dec 2024 14:20
 Operator : SY/MD
 Sample : P5105-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTWK-COMP-1

Quant Time: Dec 07 03:25:24 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	7.707	168	4007	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	5274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1631	40.023	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.040%
35) Dibromofluoromethane	7.634	113	1538	46.322	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.640%
50) Toluene-d8	10.103	98	5319	42.071	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.140%
62) 4-Bromofluorobenzene	12.414	95	454	10.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.540%#

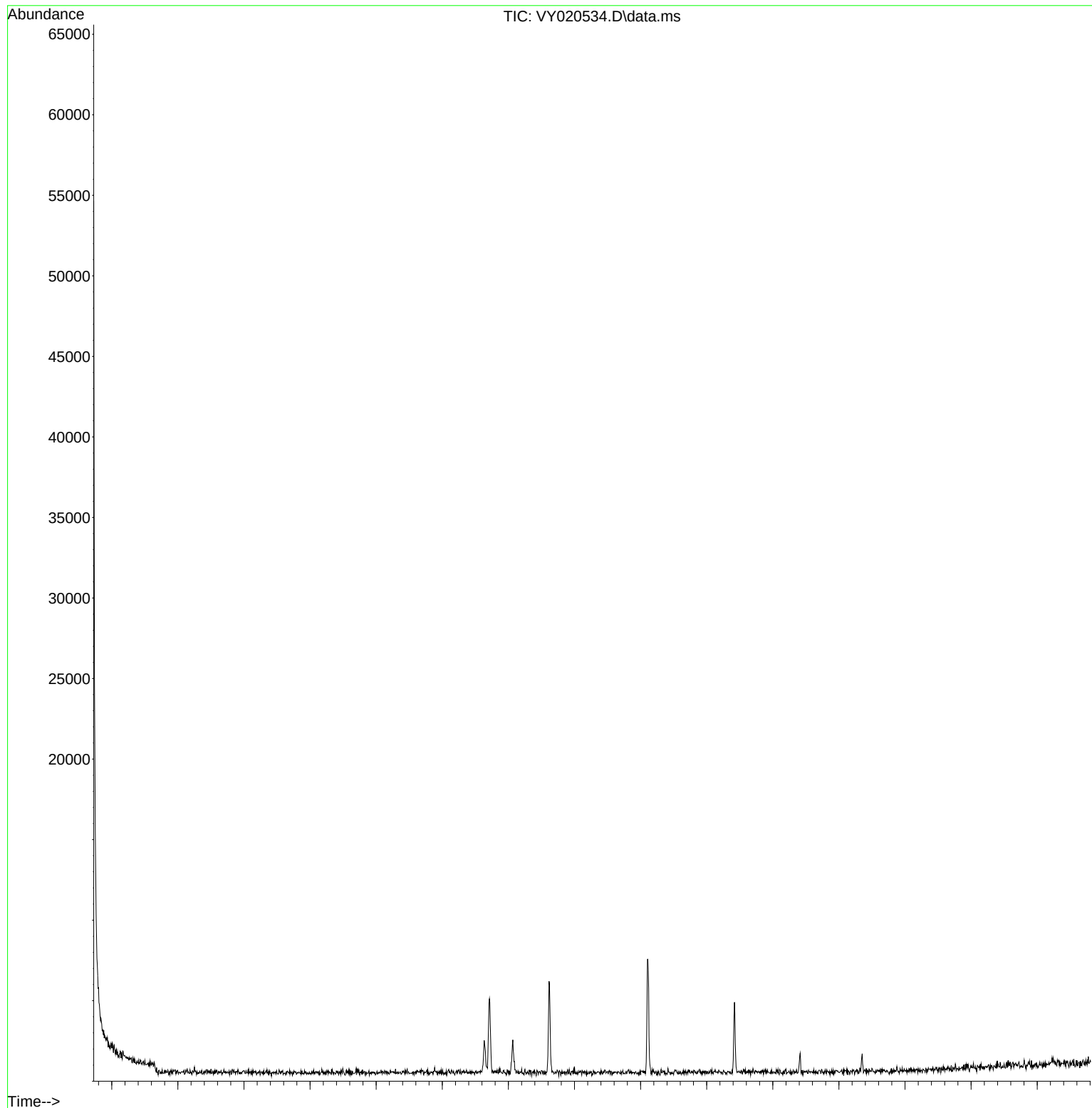
Target Compounds	Qvalue

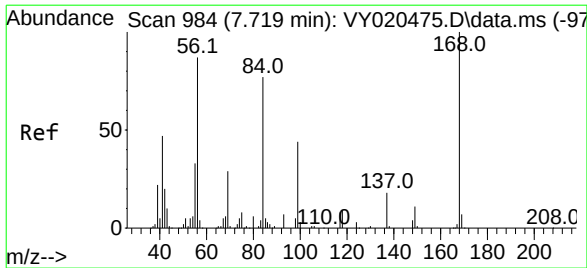
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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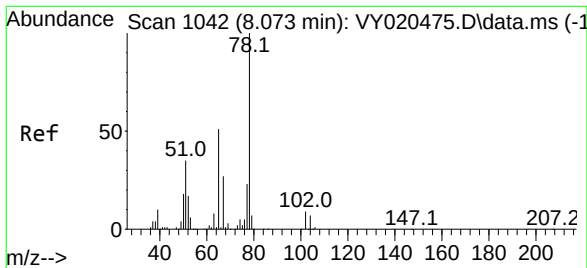
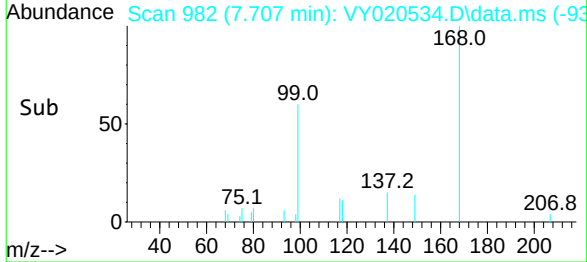
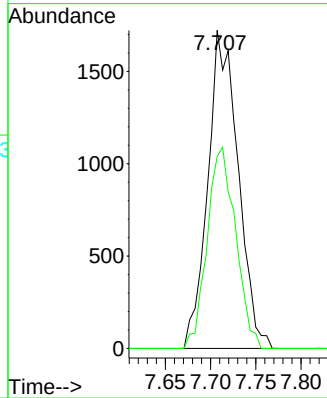
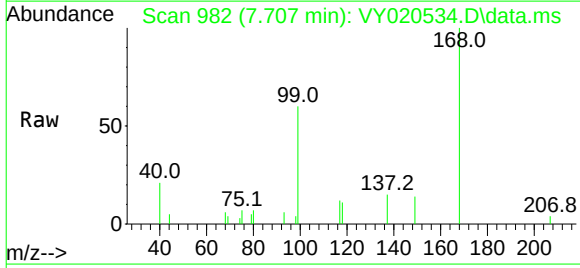




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

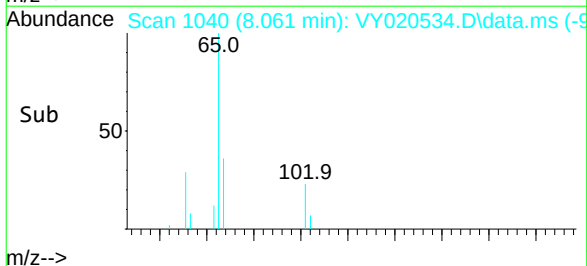
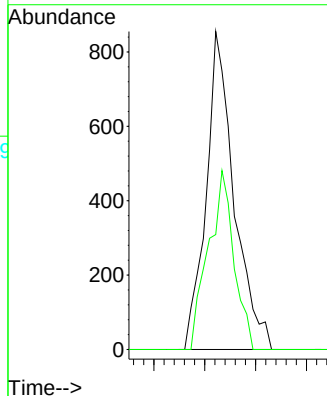
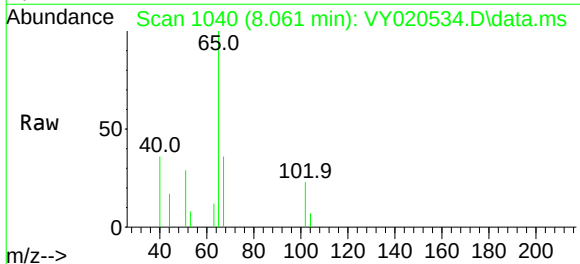
Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP-1

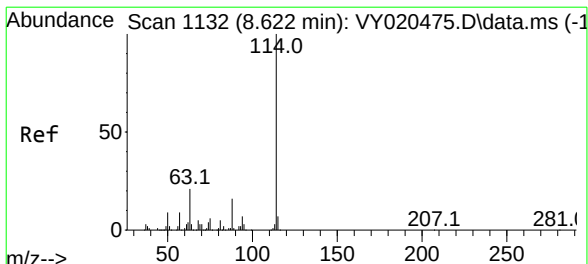
Tgt Ion: 168 Resp: 4007
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 40.023 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

Tgt Ion: 65 Resp: 1631
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8

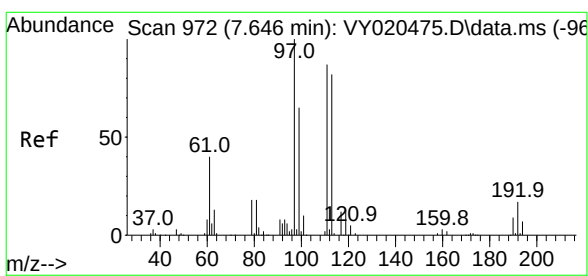
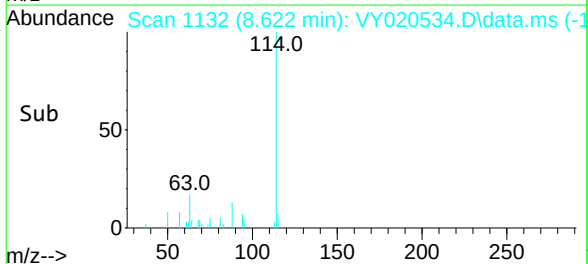
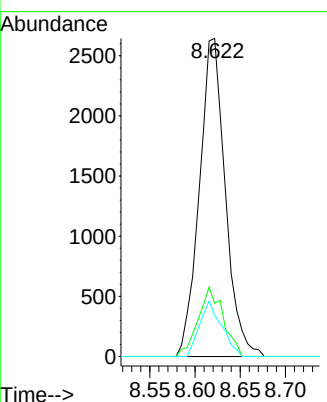
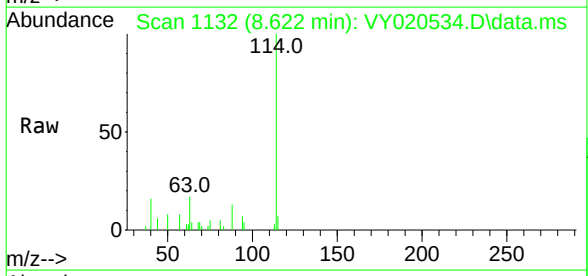




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VY020534.D
 Acq: 06 Dec 2024 14:20

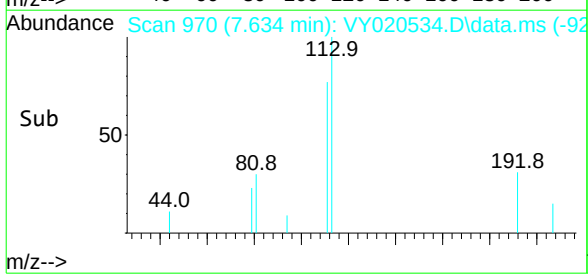
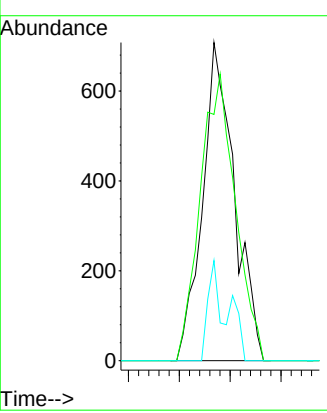
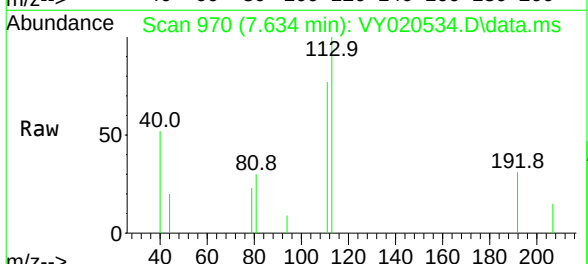
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTWK-COMP-1

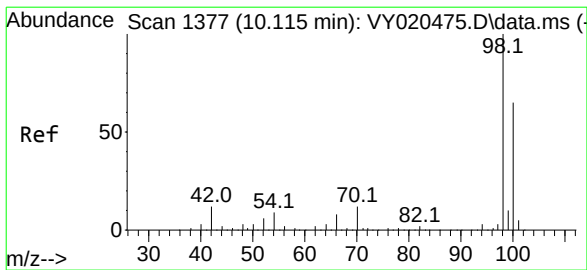
Tgt Ion:	114	Resp:	5274
Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	44.8
88	13.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 46.322 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020534.D
 Acq: 06 Dec 2024 14:20

Tgt Ion:	113	Resp:	1538
Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.4	122.0
192	12.5	15.1	22.7#





#50

Toluene-d8

Concen: 42.071 ug/l

RT: 10.103 min Scan# 1377

Delta R.T. -0.012 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

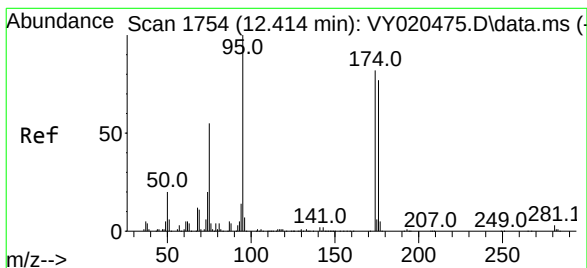
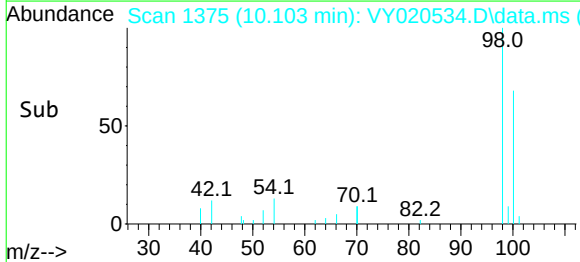
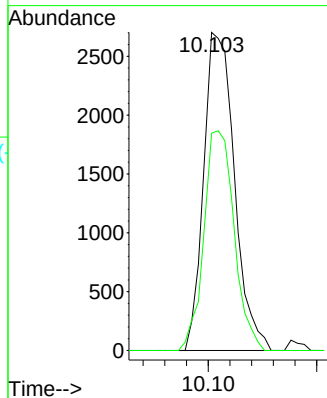
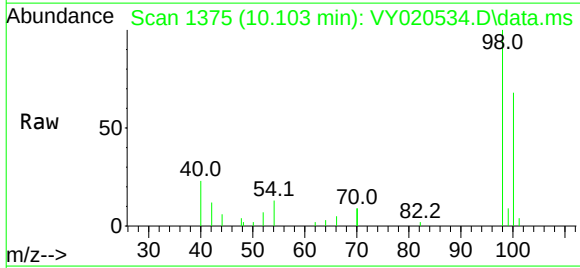
CTWK-COMP-1

Tgt Ion: 98 Resp: 5319

Ion Ratio Lower Upper

98 100

100 68.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 10.267 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

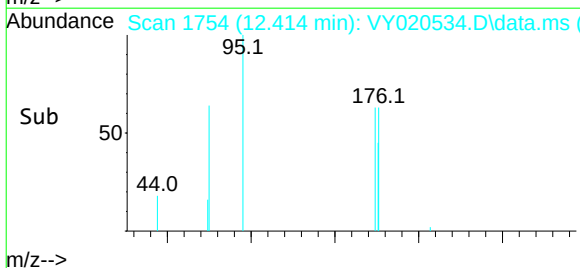
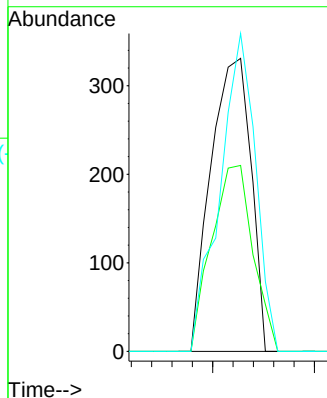
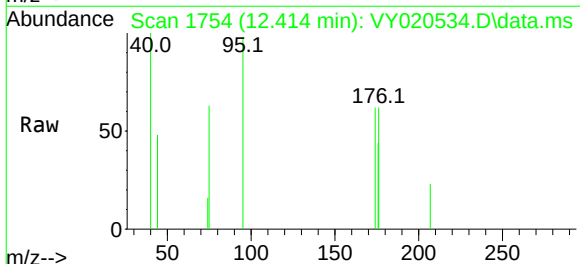
Tgt Ion: 95 Resp: 454

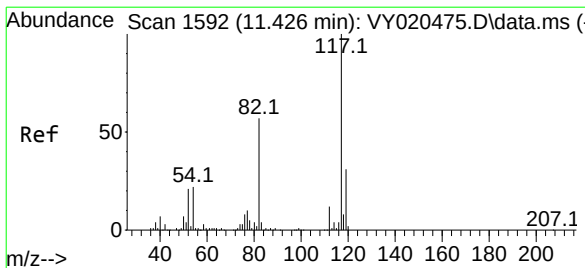
Ion Ratio Lower Upper

95 100

174 65.4 0.0 156.8

176 96.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

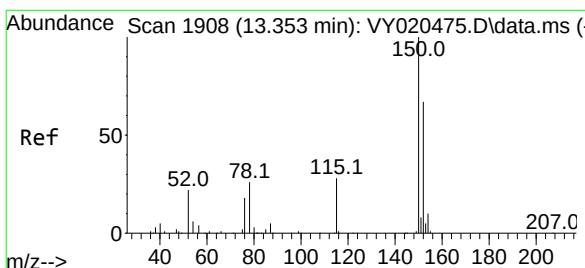
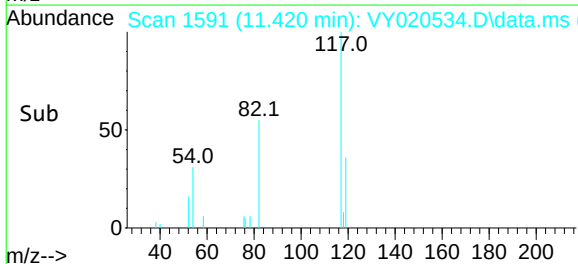
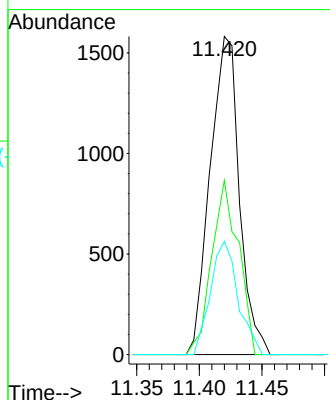
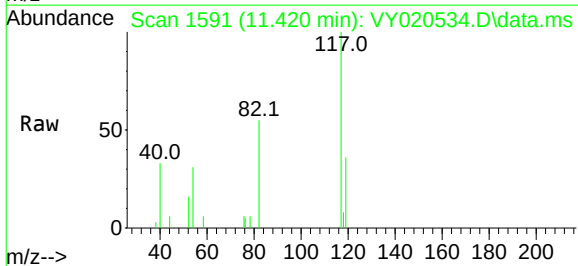
Instrument :

MSVOA_Y

ClientSampleId :

CTWK-COMP-1

Tgt Ion:	117	Resp:	2571
Ion	Ratio	Lower	Upper
117	100		
82	54.7	48.2	72.4
119	35.6	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

Tgt Ion:	152	Resp:	336
Ion	Ratio	Lower	Upper
152	100		
115	31.8	30.0	90.0
150	144.0	0.0	348.2

