

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020152.D
 Acq On : 04 Nov 2024 18:54
 Operator : SY/MD
 Sample : P4685-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-11012024

Quant Time: Nov 05 00:36:57 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	144791	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	306865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	108315	59.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.880%
35) Dibromofluoromethane	7.640	113	103508	53.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.109	98	388970	50.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.408	95	117561	46.605	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.200%

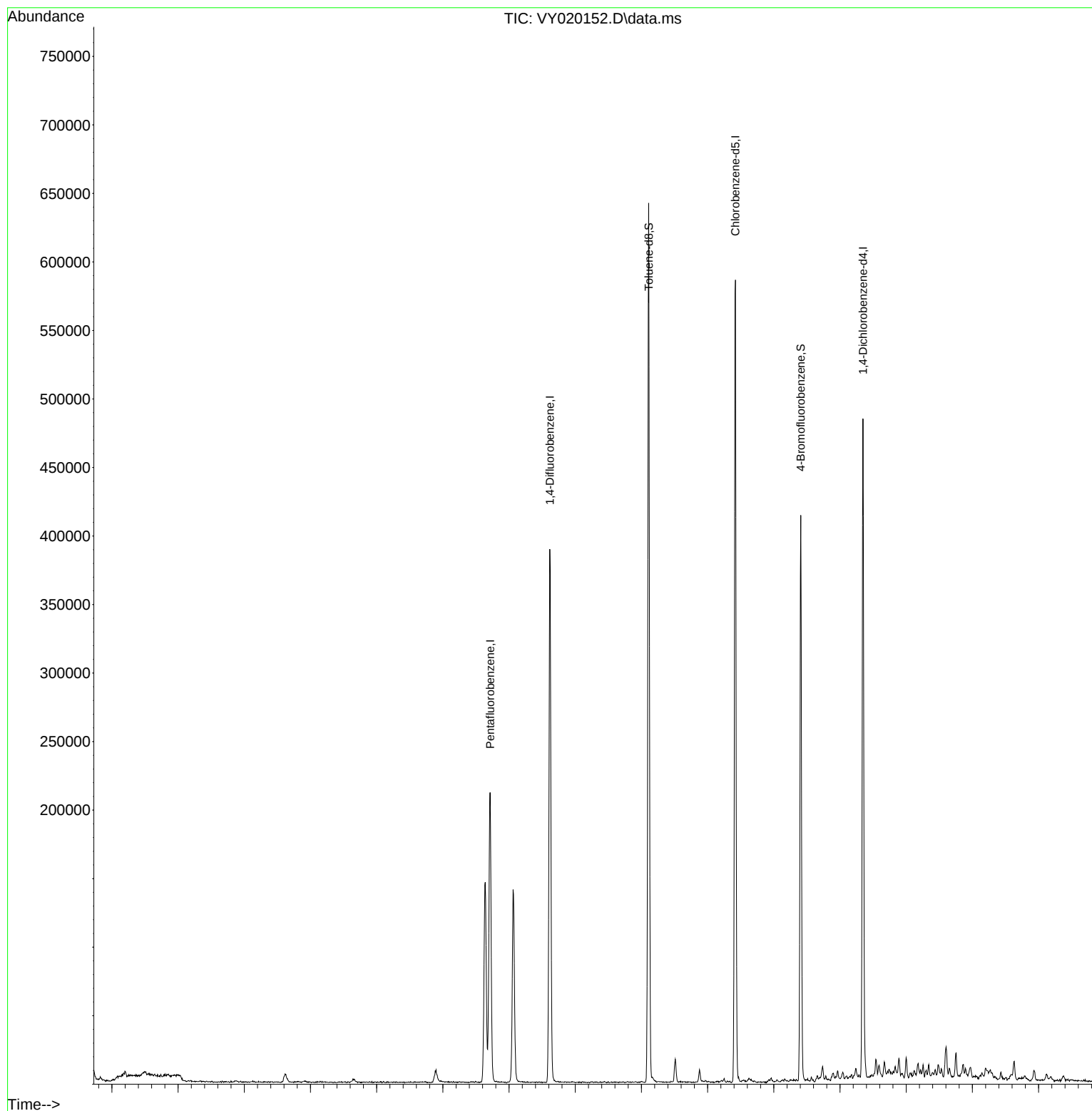
Target Compounds Qvalue

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

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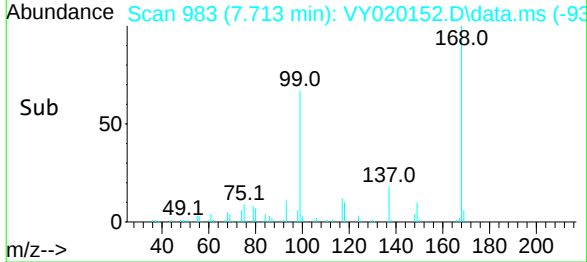
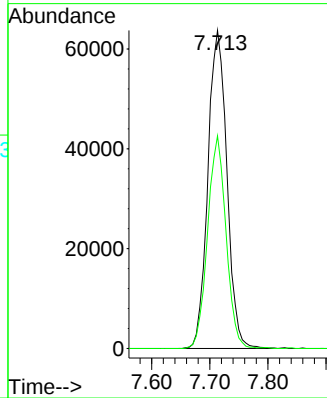
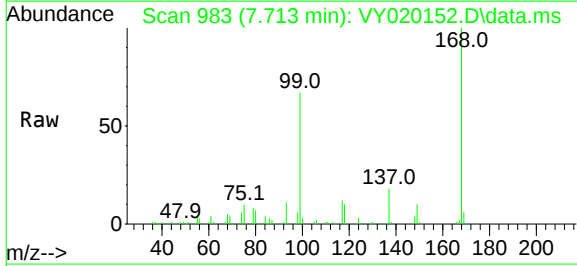




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

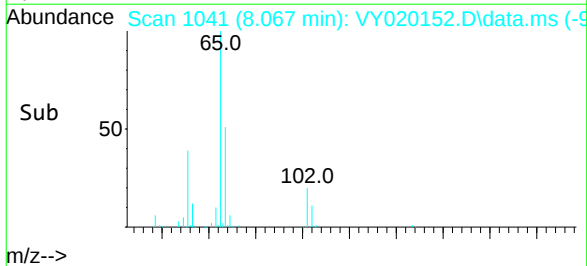
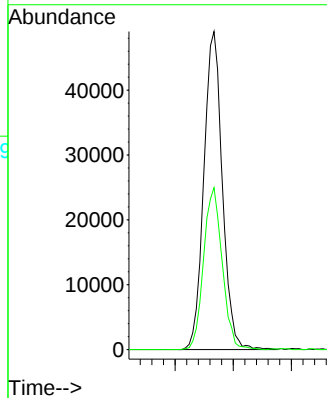
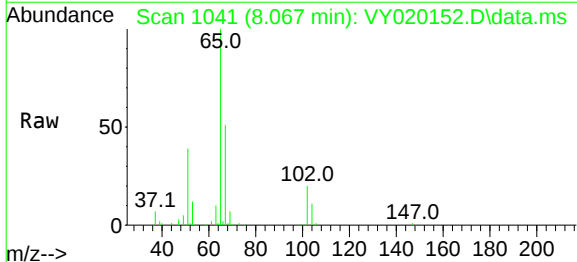
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-11012024

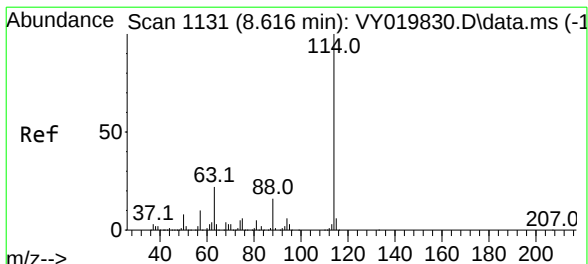
Tgt Ion:168 Resp: 144791
Ion Ratio Lower Upper
168 100
99 66.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.939 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Tgt Ion: 65 Resp: 108315
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6

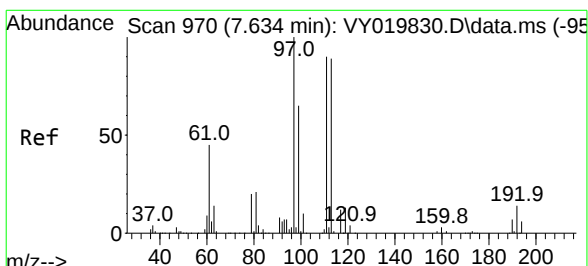
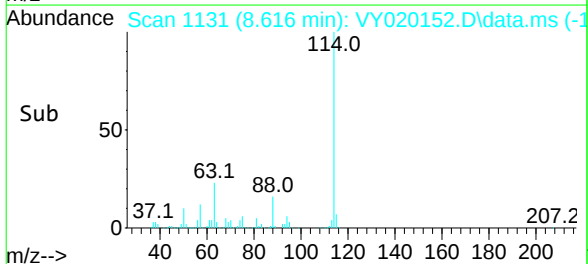
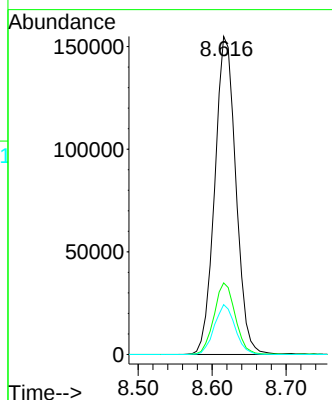
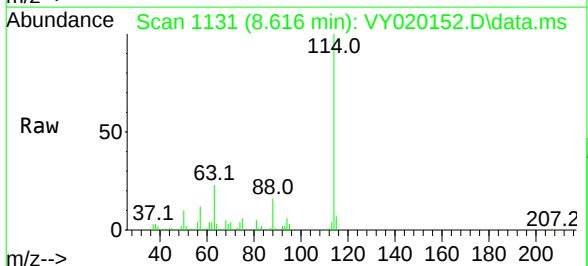




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020152.D
 Acq: 04 Nov 2024 18:54

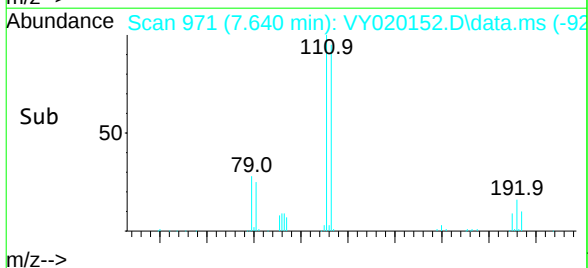
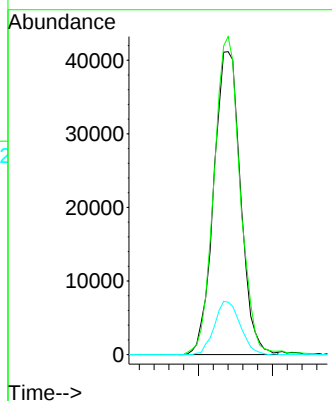
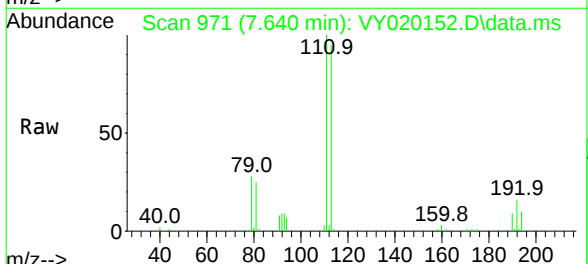
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 ClientSampleId :
 OK-01-11012024

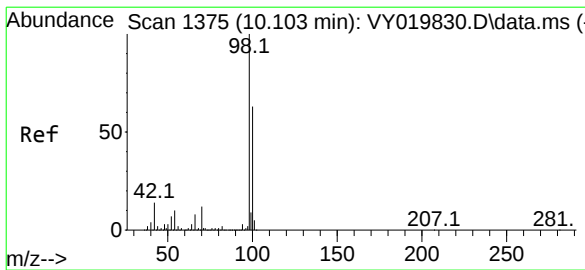
Tgt Ion:	114	Resp:	306865
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.0
88	15.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.053 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020152.D
 Acq: 04 Nov 2024 18:54

Tgt Ion:	113	Resp:	103508
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	16.9	15.9	23.9





#50

Toluene-d8

Concen: 50.086 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020152.D

Acq: 04 Nov 2024 18:54

Instrument :

MSVOA_Y

ClientSampleId :

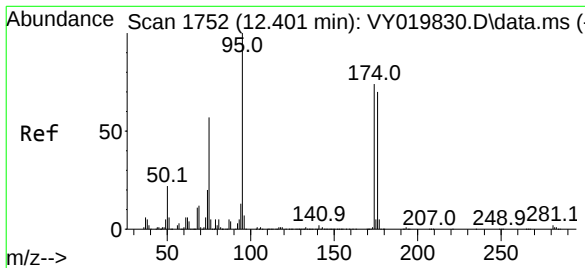
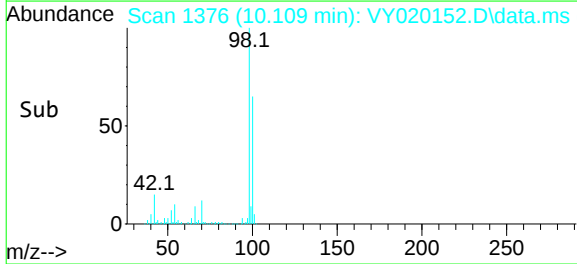
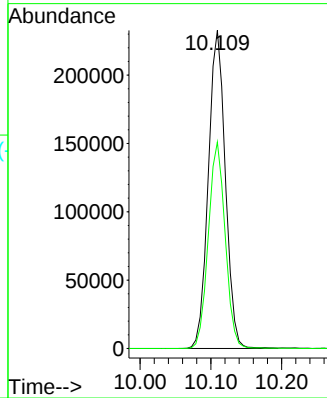
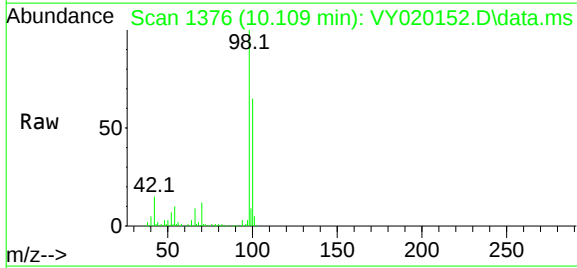
OK-01-11012024

Tgt Ion: 98 Resp: 388970

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.605 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020152.D

Acq: 04 Nov 2024 18:54

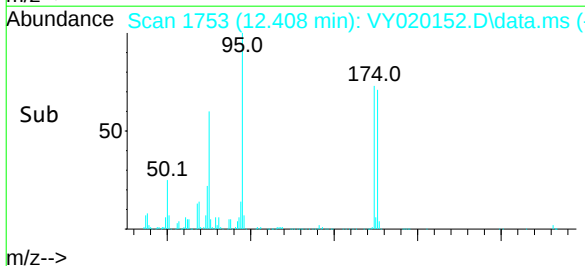
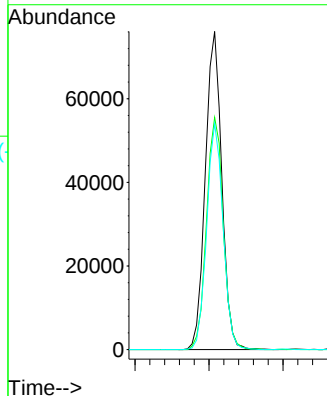
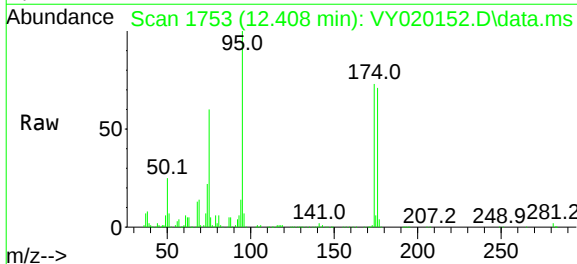
Tgt Ion: 95 Resp: 117561

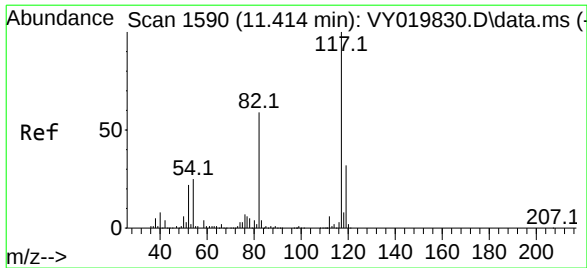
Ion Ratio Lower Upper

95 100

174 74.1 0.0 175.6

176 70.4 0.0 171.4

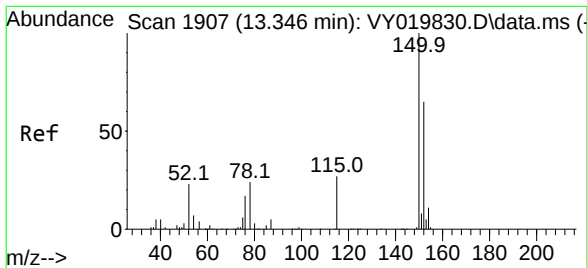
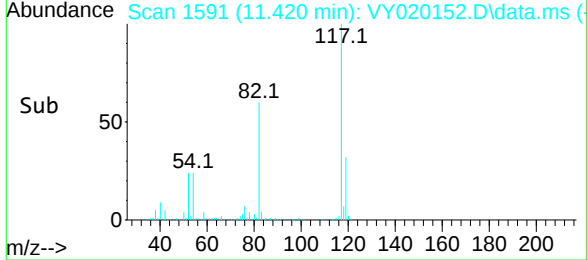
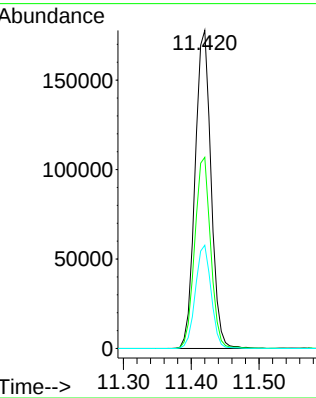
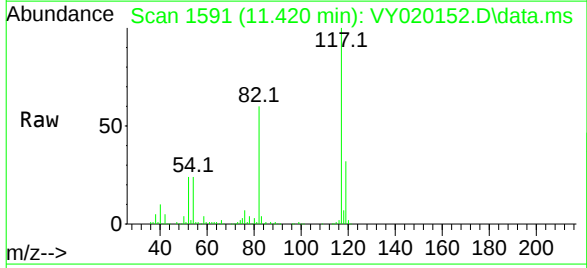




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-11012024

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.1	42.4	63.6
119	32.5	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: VY020152.D
Acq: 04 Nov 2024 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.2	84.7
150	158.2	0.0	345.6

