

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020636.D
 Acq On : 18 Dec 2024 15:17
 Operator : SY/MD
 Sample : P5301-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-121624

Quant Time: Dec 19 02:49:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	6333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	9075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	5360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	1120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	2482	35.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.560%
35) Dibromofluoromethane	7.628	113	2608	40.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.560%
50) Toluene-d8	10.103	98	10681	47.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.408	95	2005	22.896	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	45.800%

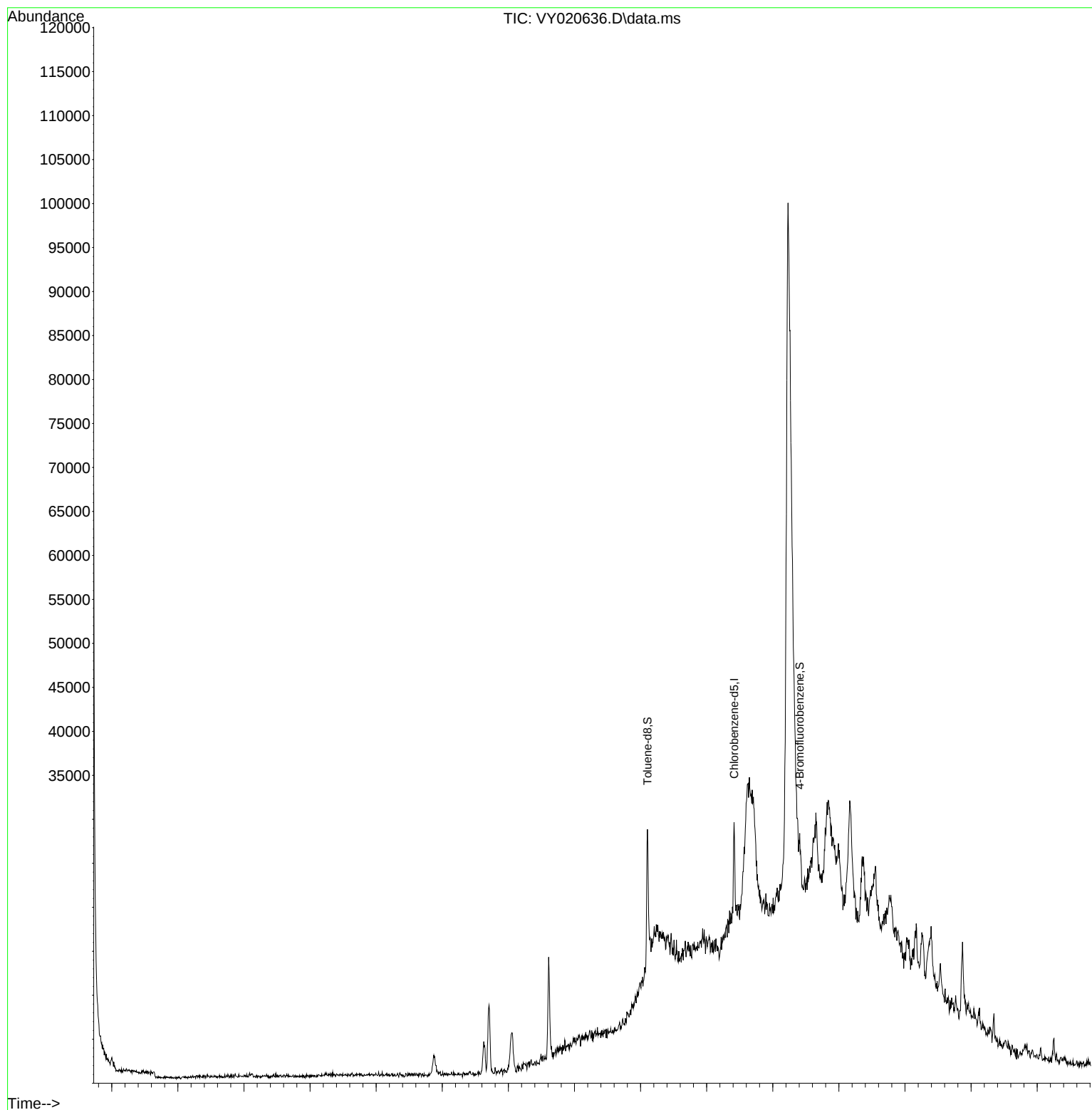
Target Compounds Qvalue

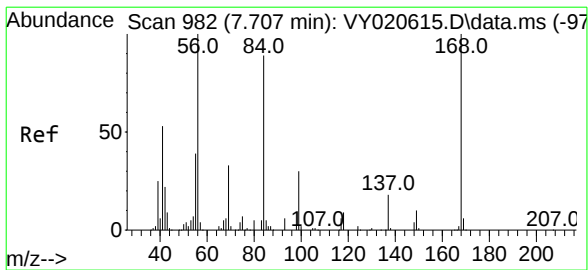
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
Data File : VY020636.D
Acq On : 18 Dec 2024 15:17
Operator : SY/MD
Sample : P5301-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-121624

Quant Time: Dec 19 02:49:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 98

Delta R.T. 0.000 min

Lab File: VY020636.D

Acq: 18 Dec 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

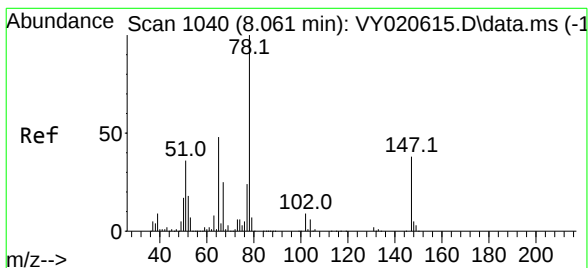
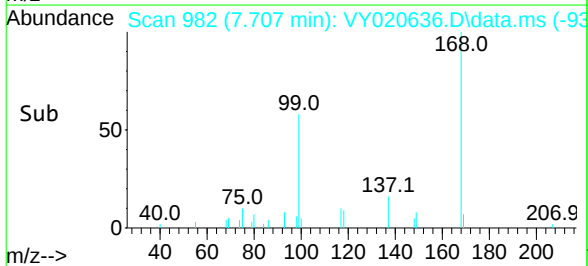
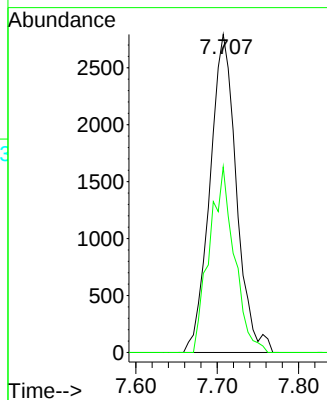
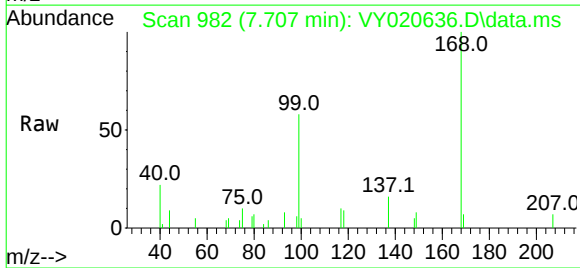
HR-04-121624

Tgt Ion:168 Resp: 6333

Ion Ratio Lower Upper

168 100

99 58.4 47.0 70.6



#33

1,2-Dichloroethane-d4

Concen: 35.784 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY020636.D

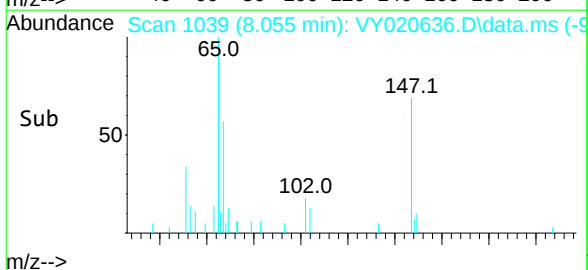
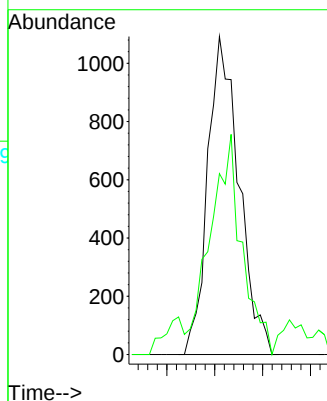
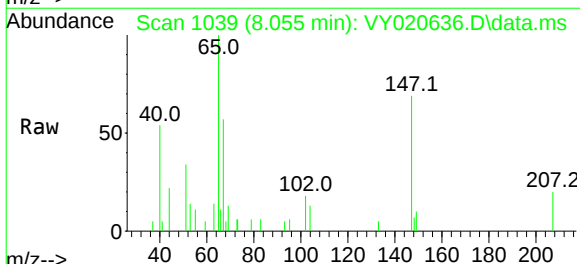
Acq: 18 Dec 2024 15:17

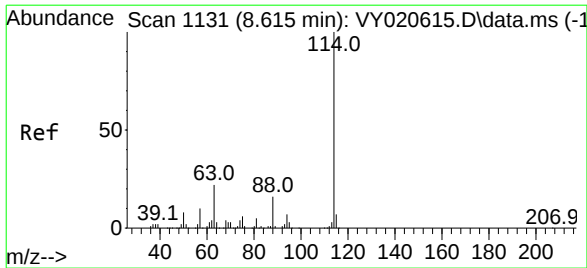
Tgt Ion: 65 Resp: 2482

Ion Ratio Lower Upper

65 100

67 69.7 0.0 108.0

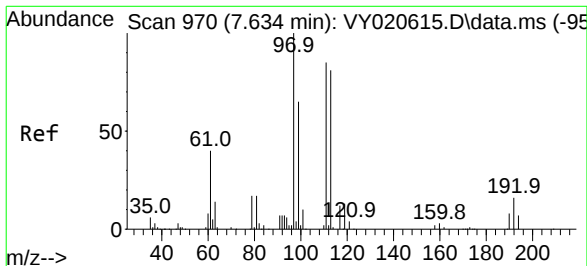
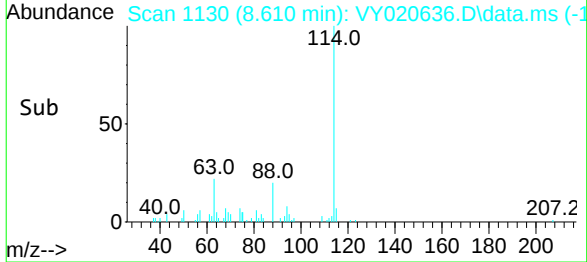
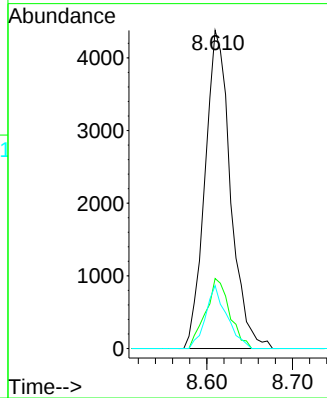
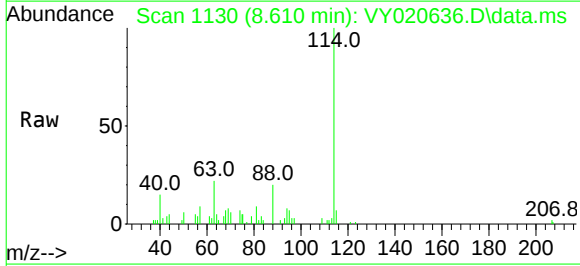




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020636.D
Acq: 18 Dec 2024 15:17

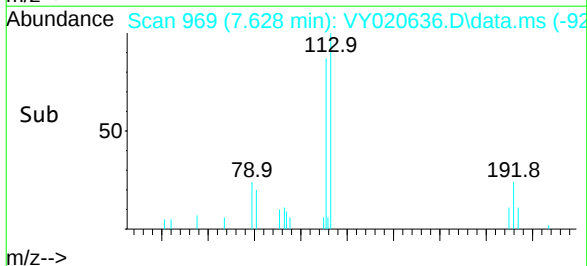
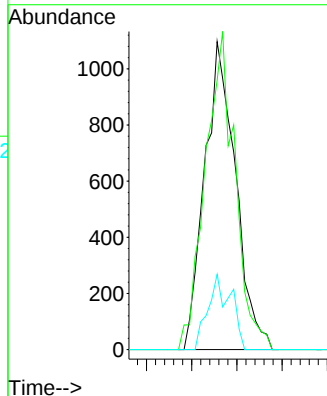
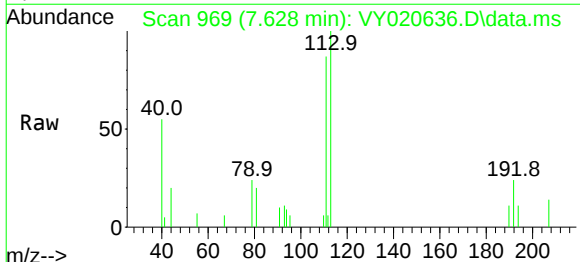
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-121624

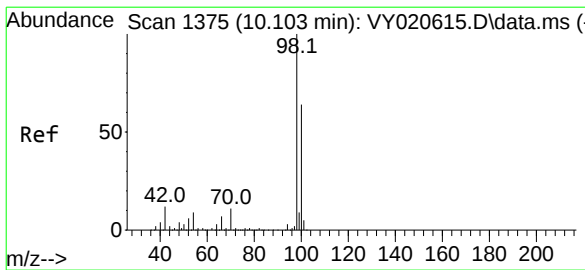
Tgt Ion:	114	Resp:	9075
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	19.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 40.777 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020636.D
Acq: 18 Dec 2024 15:17

Tgt Ion:	113	Resp:	2608
Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.9	124.3
192	18.1	15.7	23.5





#50

Toluene-d8

Concen: 47.712 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020636.D

Acq: 18 Dec 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

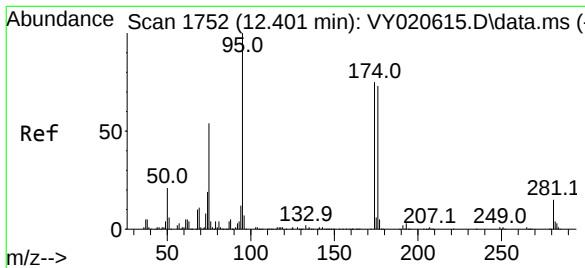
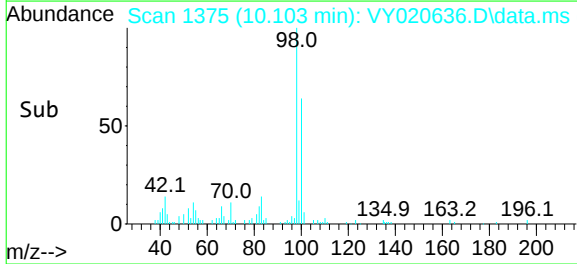
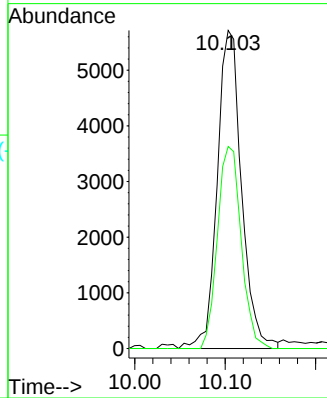
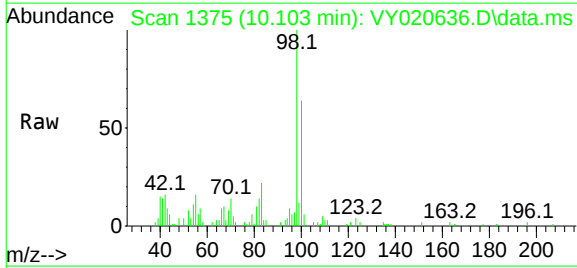
HR-04-121624

Tgt Ion: 98 Resp: 10681

Ion Ratio Lower Upper

98 100

100 61.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 22.896 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020636.D

Acq: 18 Dec 2024 15:17

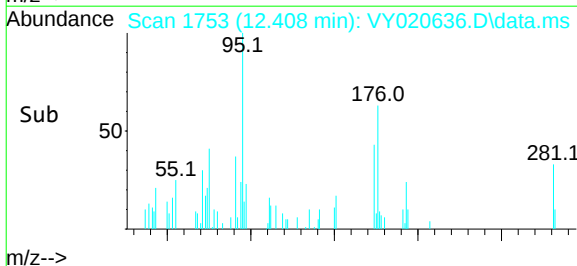
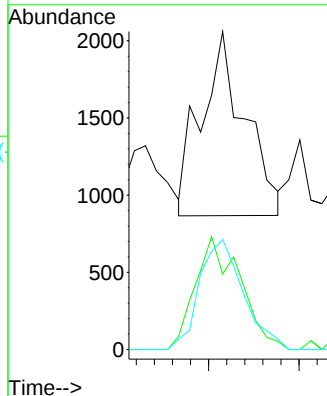
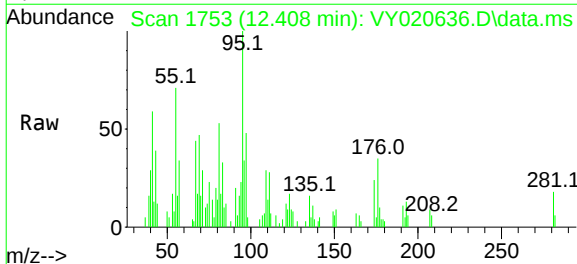
Tgt Ion: 95 Resp: 2005

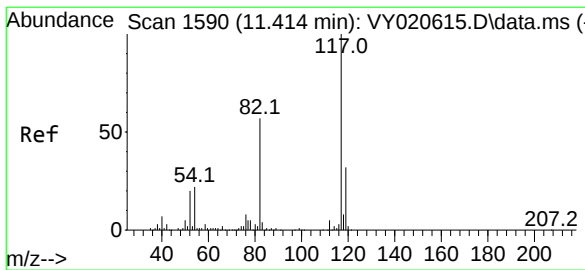
Ion Ratio Lower Upper

95 100

174 63.0 0.0 161.8

176 59.8 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020636.D

Acq: 18 Dec 2024 15:17

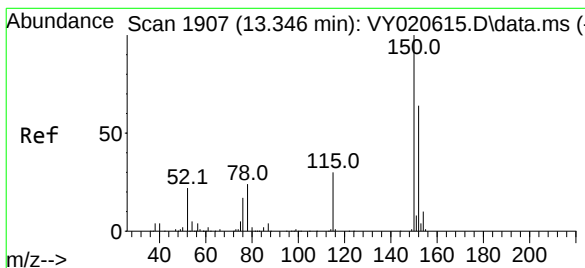
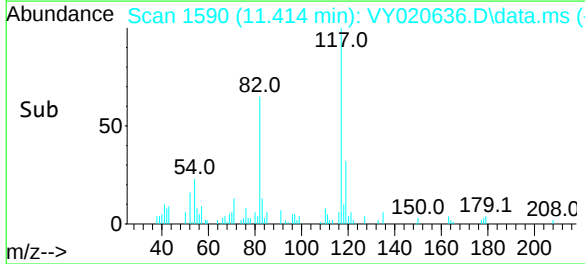
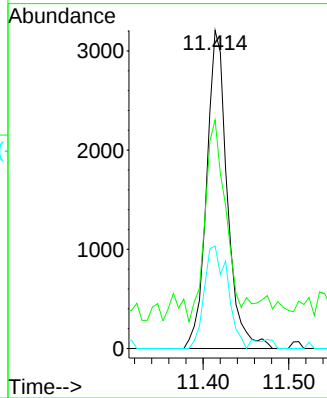
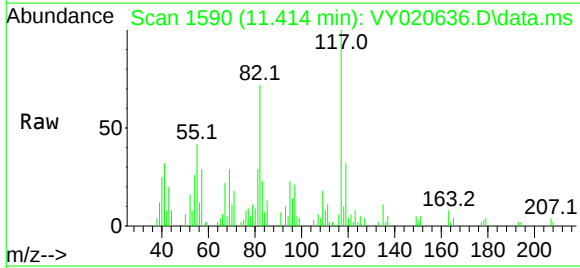
Instrument :

MSVOA_Y

ClientSampleId :

HR-04-121624

Tgt Ion:	117	Resp:	5360
Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.8	68.6
119	32.2	25.3	37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020636.D

Acq: 18 Dec 2024 15:17

Tgt Ion:	152	Resp:	1120
Ion	Ratio	Lower	Upper
152	100		
115	57.7	30.2	90.6
150	136.3	0.0	355.4

