

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019746.D
 Acq On : 01 Oct 2024 17:11
 Operator : SY/MD
 Sample : P4225-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092724

Quant Time: Oct 02 03:17:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	21234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	33971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	4311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	10336	52.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.140%
35) Dibromofluoromethane	7.634	113	10137	52.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.103	98	37338	52.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.402	95	8391	30.632	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.260%

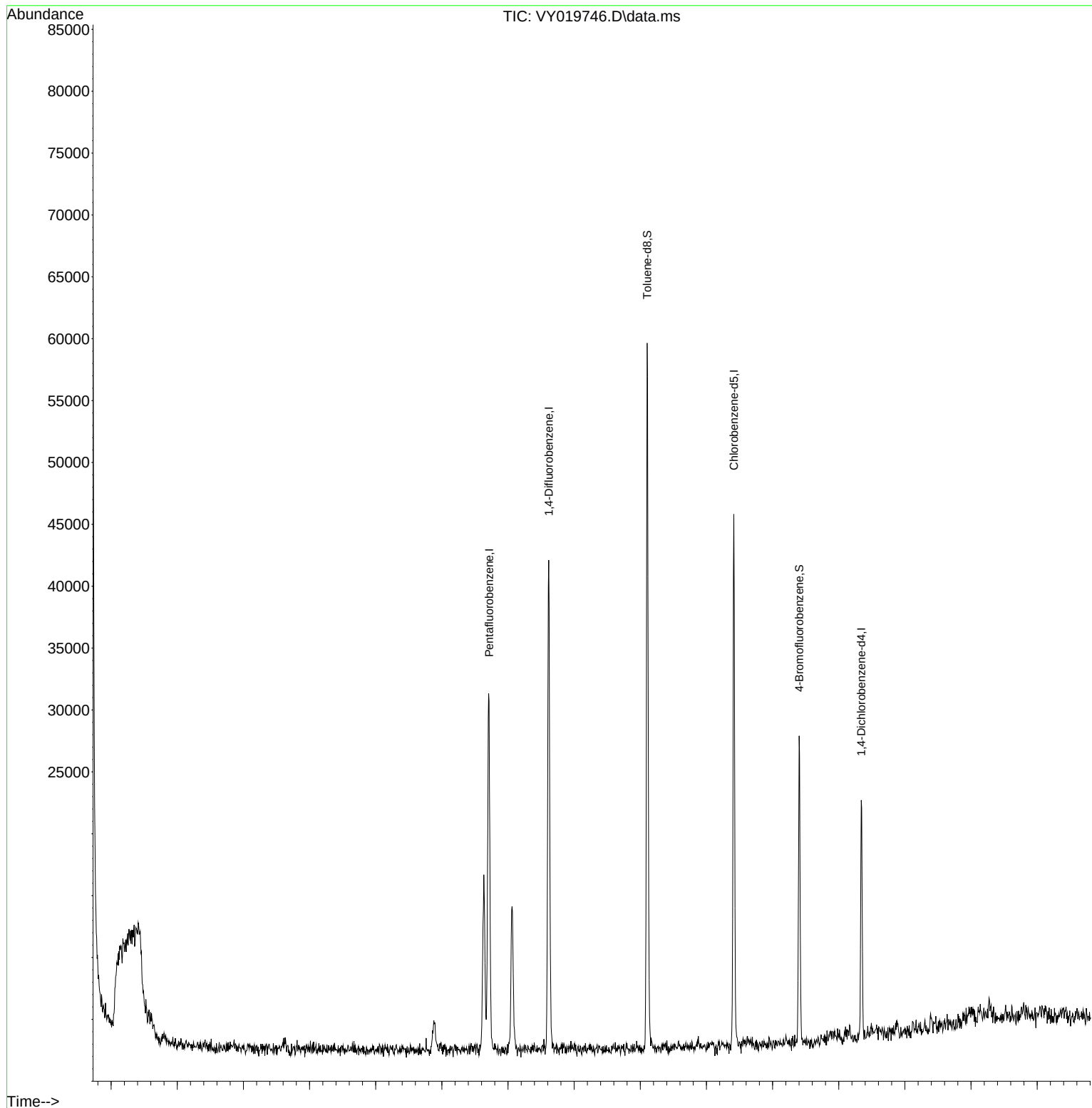
Target Compounds Qvalue

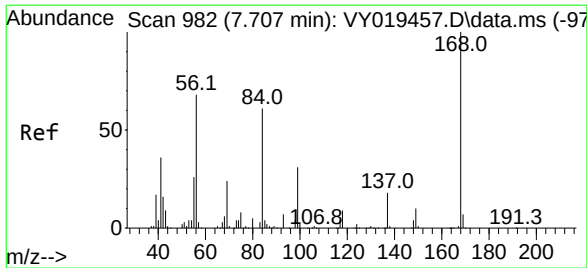
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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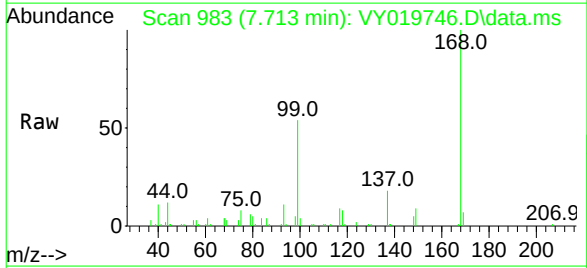
Quant Time: Oct 02 03:17:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
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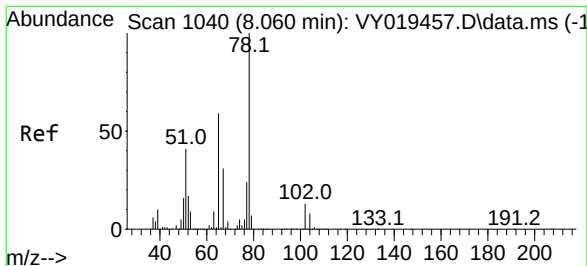
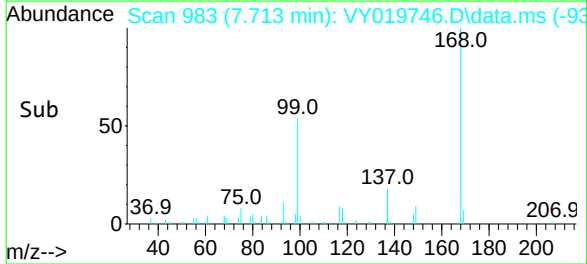
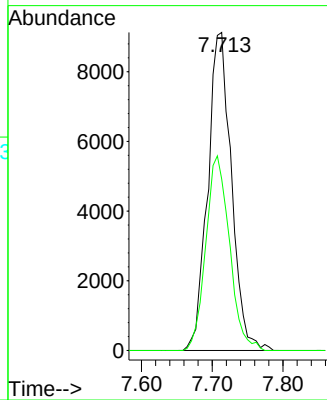


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019746.D
Acq: 01 Oct 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-092724

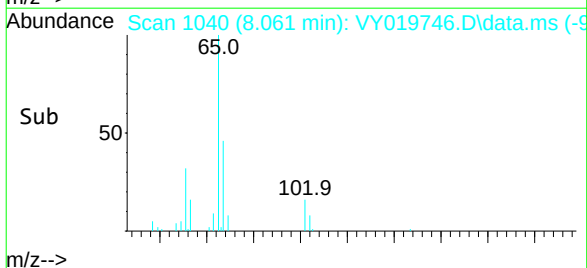
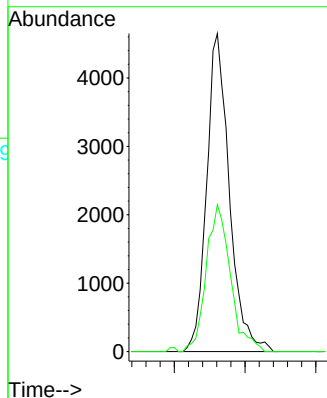
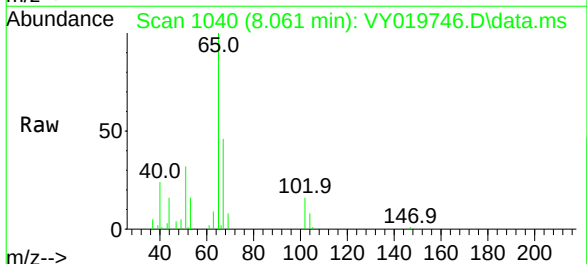


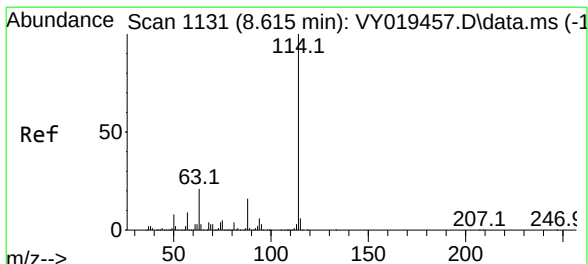
Tgt Ion: 168 Resp: 21234
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.568 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019746.D
Acq: 01 Oct 2024 17:11

Tgt Ion: 65 Resp: 10336
Ion Ratio Lower Upper
65 100
67 49.2 0.0 109.6

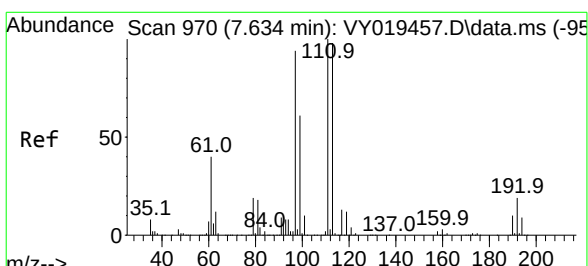
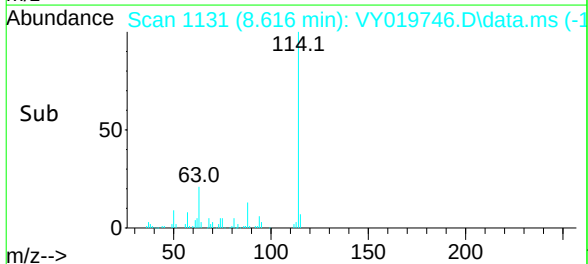
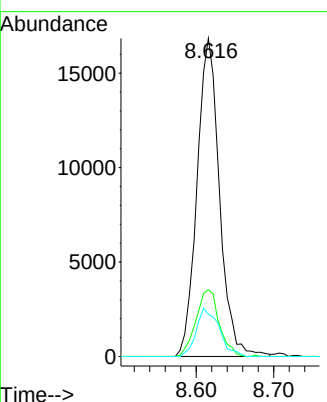
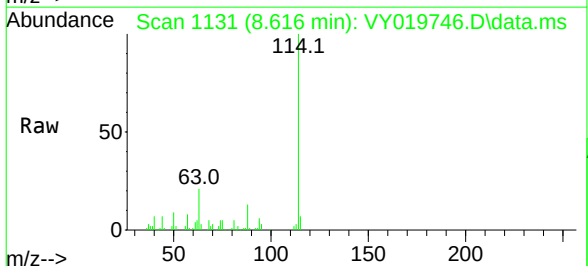




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019746.D
 Acq: 01 Oct 2024 17:11

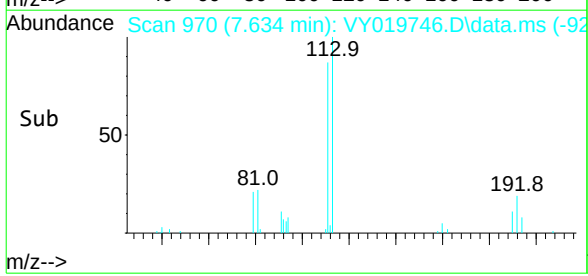
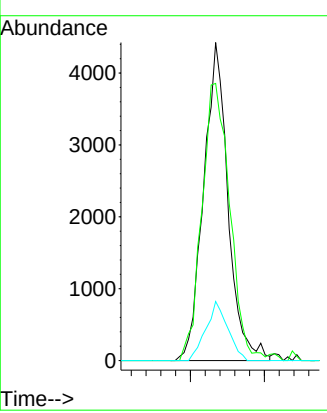
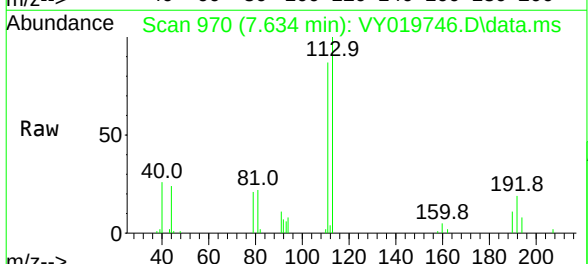
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-092724

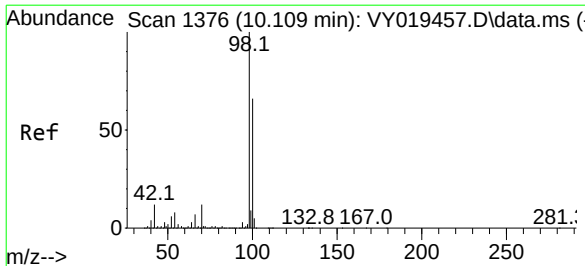
Tgt Ion:	114	Resp:	33971
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	35.0
88	13.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.630 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019746.D
 Acq: 01 Oct 2024 17:11

Tgt Ion:	113	Resp:	10137
Ion	Ratio	Lower	Upper
113	100		
111	99.4	82.2	123.4
192	16.6	15.9	23.9





#50

Toluene-d8

Concen: 52.410 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019746.D

Acq: 01 Oct 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

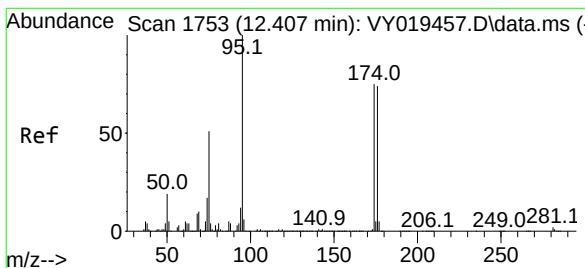
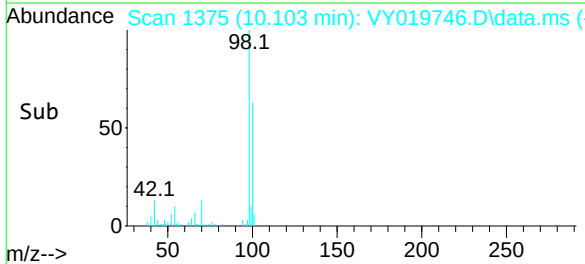
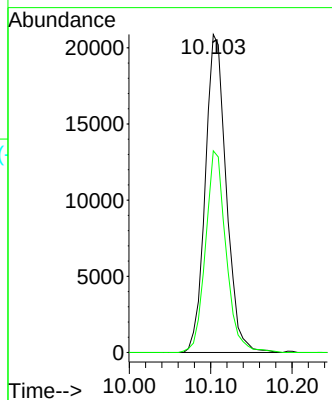
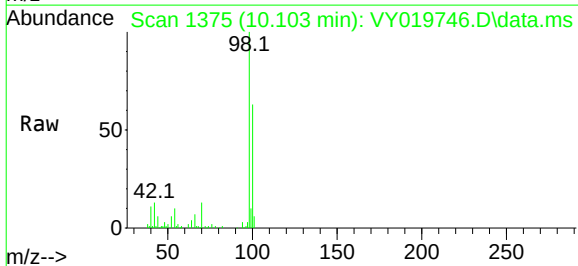
TR-04-092724

Tgt Ion: 98 Resp: 37338

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.632 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019746.D

Acq: 01 Oct 2024 17:11

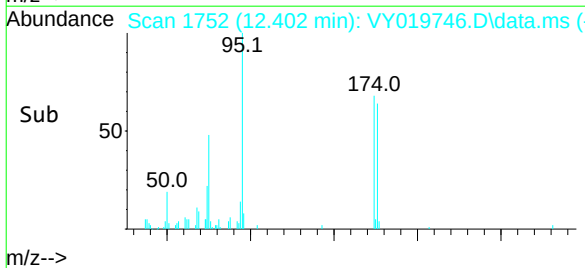
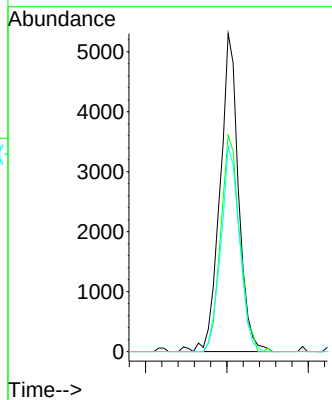
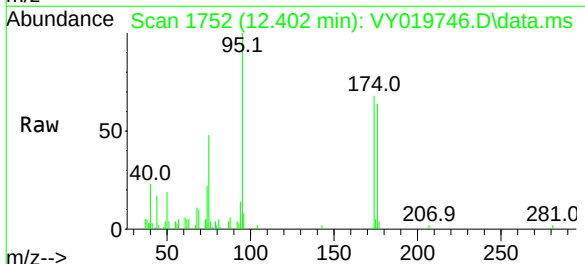
Tgt Ion: 95 Resp: 8391

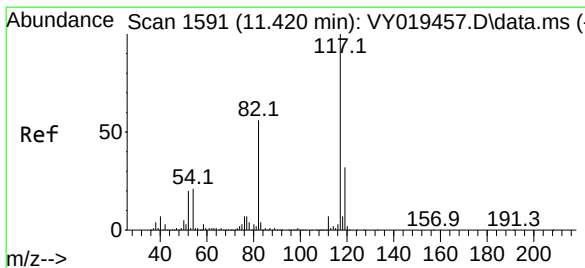
Ion Ratio Lower Upper

95 100

174 69.3 0.0 175.6

176 64.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019746.D

Acq: 01 Oct 2024 17:11

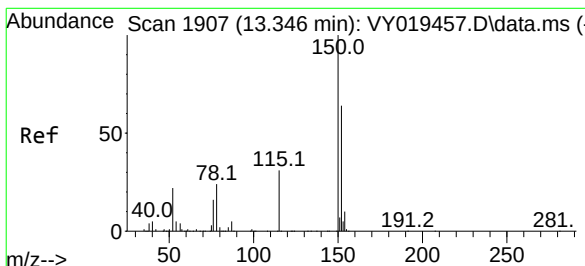
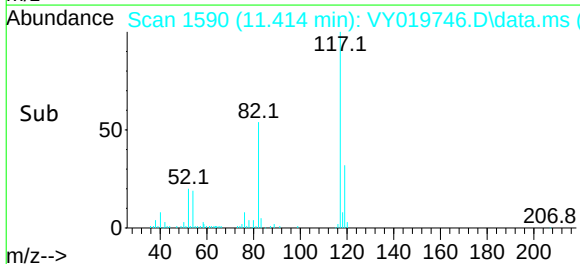
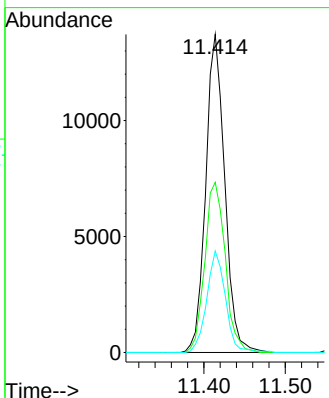
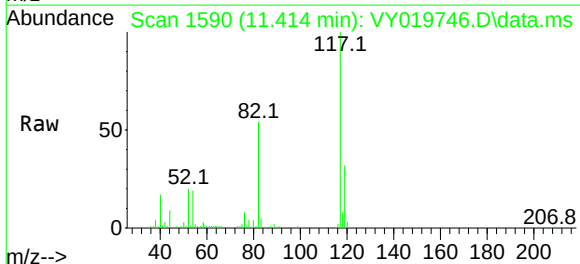
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-092724

Tgt Ion:	117	Resp:	22290
Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.4	63.6
119	31.9	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019746.D

Acq: 01 Oct 2024 17:11

Tgt Ion:	152	Resp:	4311
Ion	Ratio	Lower	Upper
152	100		
115	64.9	28.2	84.7
150	160.7	0.0	345.6

