

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012404.D
 Acq On : 30 Jan 2023 17:45
 Operator : KP/MD
 Sample : 01357-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205RE

Quant Time: Jan 31 01:49:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1600	88.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.200%#
35) Dibromofluoromethane	7.709	113	507	24.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.380%#
50) Toluene-d8	10.179	98	4523	63.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.900%
62) 4-Bromofluorobenzene	12.483	95	1109	37.537	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.080%

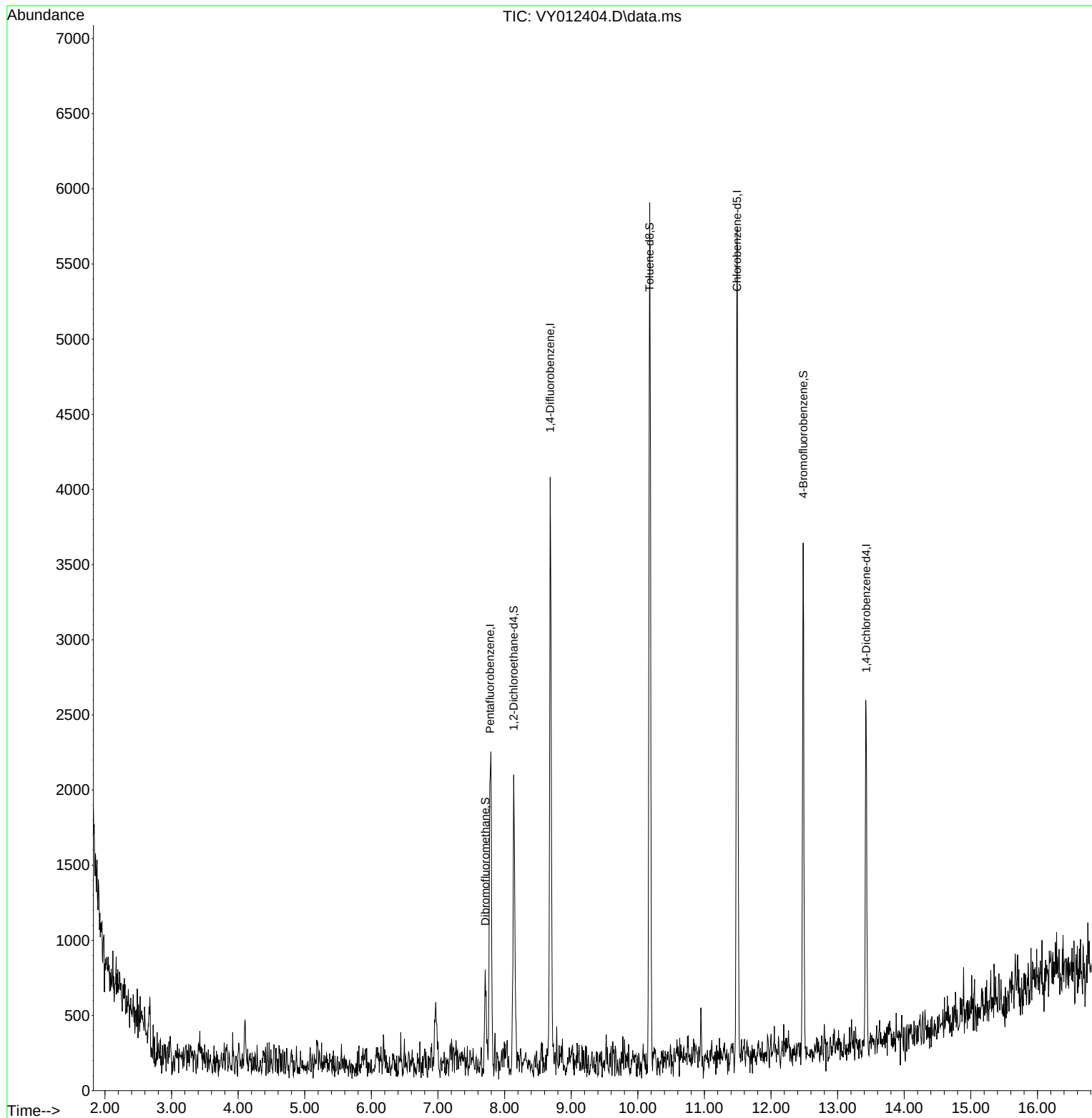
Target Compounds	Qvalue

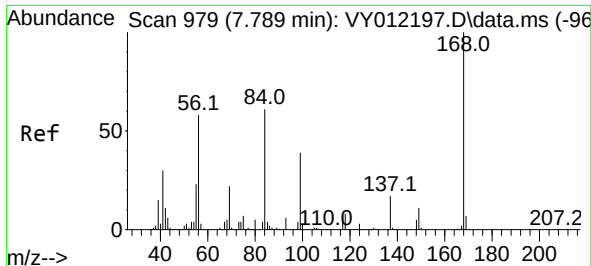
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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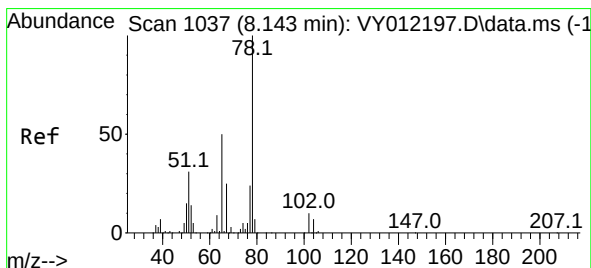
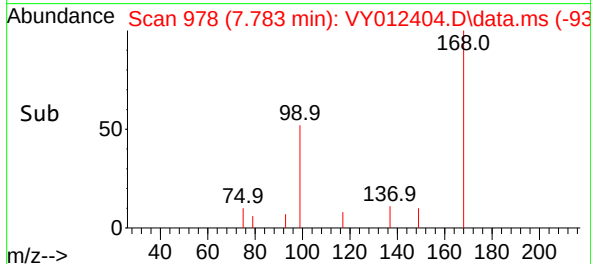
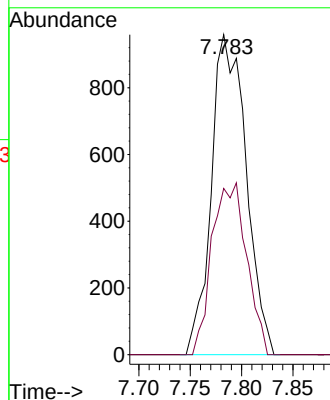
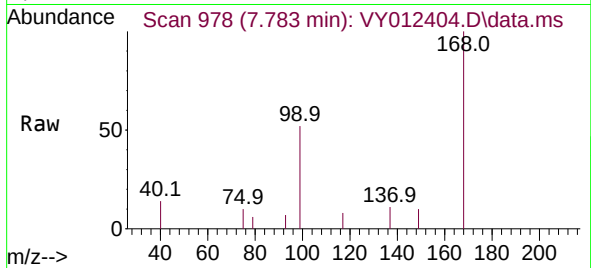




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012404.D
Acq: 30 Jan 2023 17:45

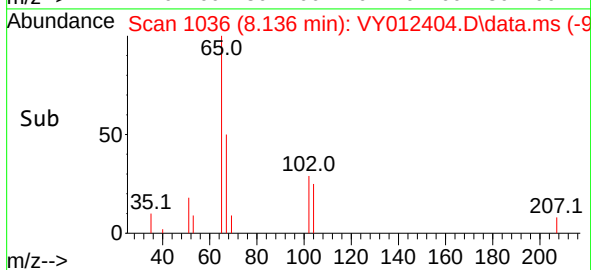
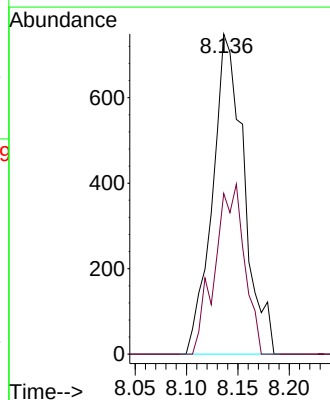
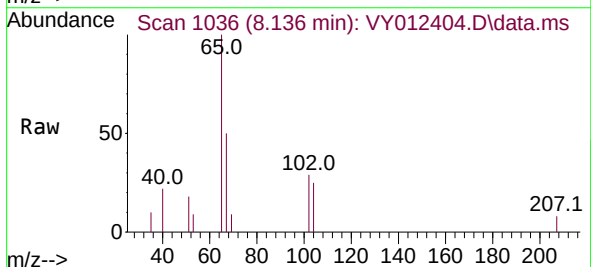
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205RE

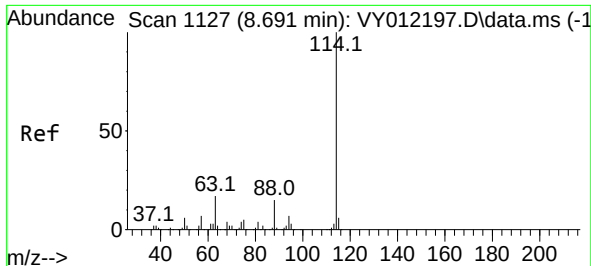
Tgt Ion:168 Resp: 2256
Ion Ratio Lower Upper
168 100
99 51.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 88.598 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012404.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 65 Resp: 1600
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012404.D

Acq: 30 Jan 2023 17:45

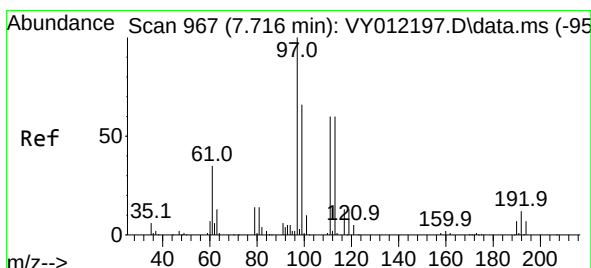
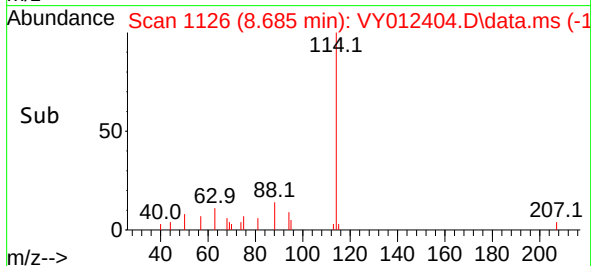
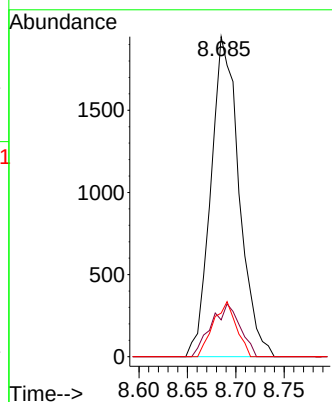
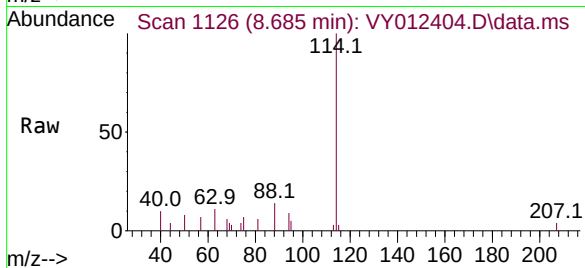
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205RE

Tgt Ion:114	Resp:	3958
Ion	Ratio	Lower Upper
114	100	
63	11.5	0.0 39.6
88	13.6	0.0 32.2



#35

Dibromofluoromethane

Concen: 24.192 ug/l

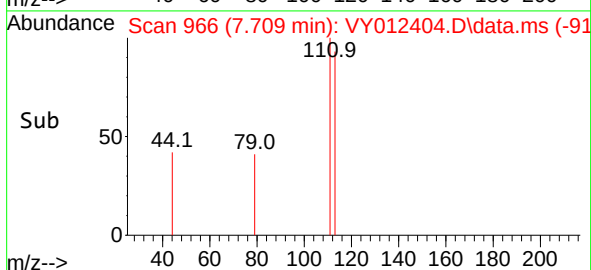
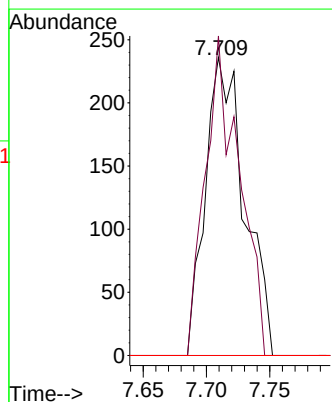
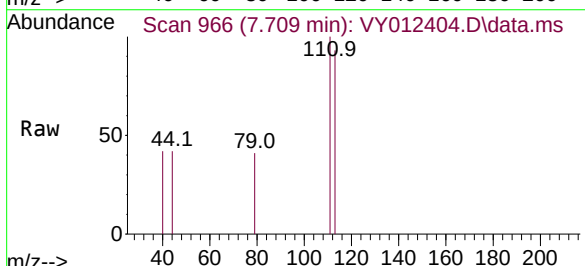
RT: 7.709 min Scan# 966

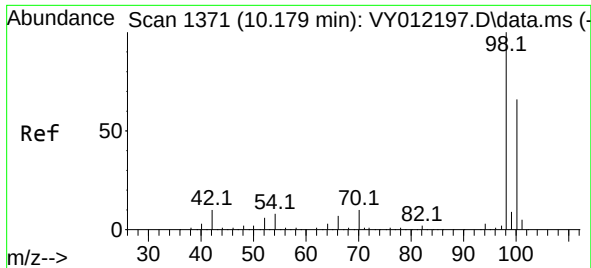
Delta R.T. -0.007 min

Lab File: VY012404.D

Acq: 30 Jan 2023 17:45

Tgt Ion:113	Resp:	507
Ion	Ratio	Lower Upper
113	100	
111	93.3	83.0 124.4
192	0.0	16.0 24.0#

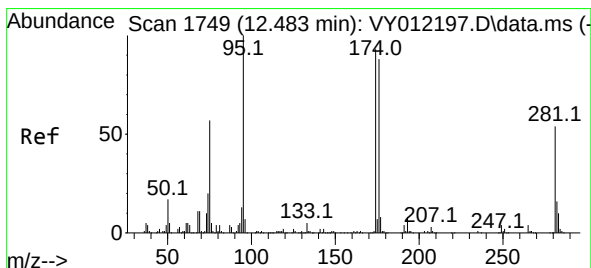
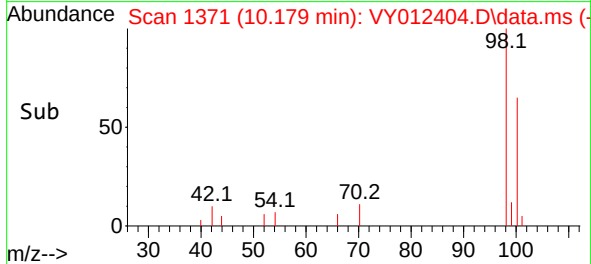
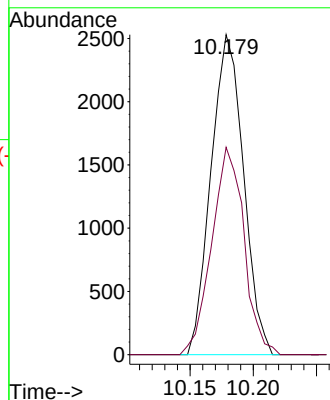
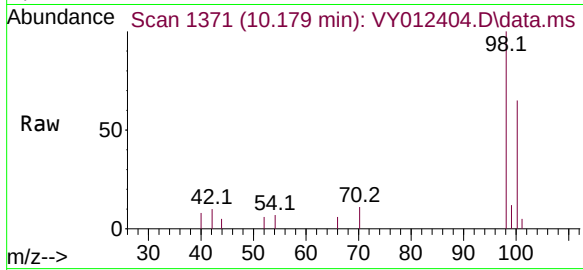




#50
Toluene-d8
Concen: 63.454 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012404.D
Acq: 30 Jan 2023 17:45

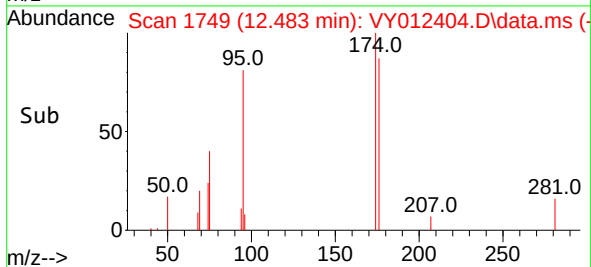
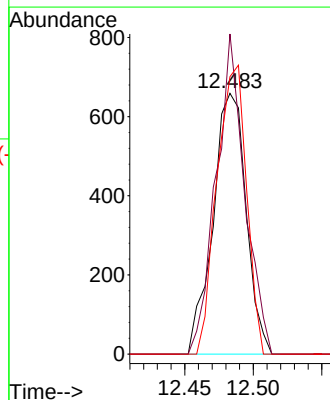
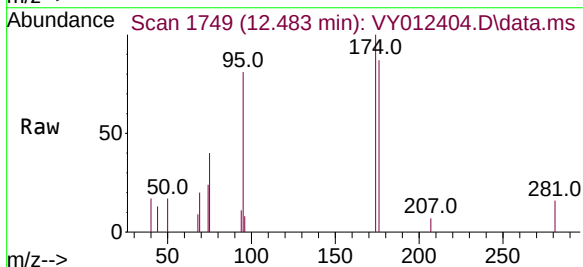
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205RE

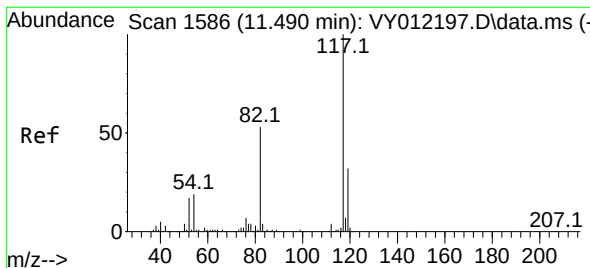
Tgt Ion: 98 Resp: 4523
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012404.D
Acq: 30 Jan 2023 17:45

Tgt Ion: 95 Resp: 1109
Ion Ratio Lower Upper
95 100
174 106.2 0.0 172.0
176 98.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012404.D

Acq: 30 Jan 2023 17:45

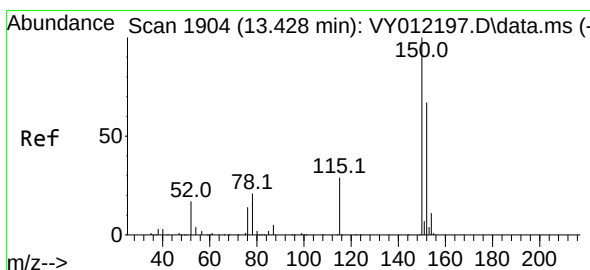
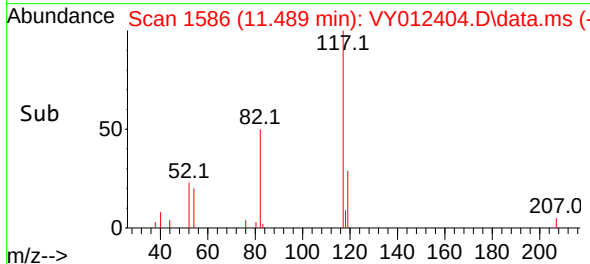
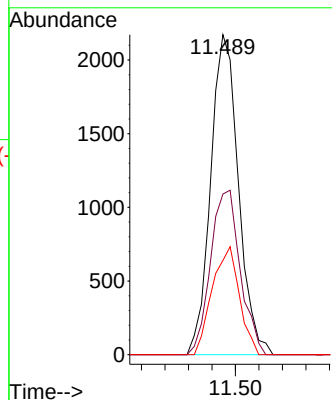
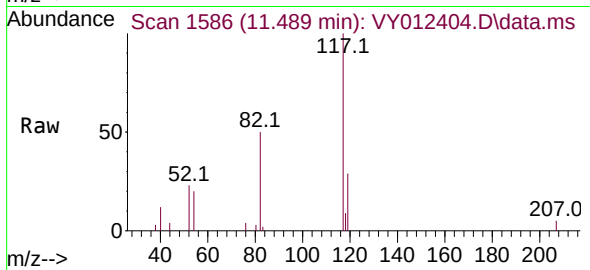
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205RE

Tgt Ion:117	Resp:	3563
Ion	Ratio	Lower Upper
117	100	
82	50.2	44.8 67.2
119	29.5	25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012404.D

Acq: 30 Jan 2023 17:45

Tgt Ion:152	Resp:	890
Ion	Ratio	Lower Upper
152	100	
115	55.3	29.1 87.3
150	141.9	0.0 342.6

