

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013597.D
 Acq On : 04 May 2023 14:05
 Operator : KP/MD
 Sample : 02573-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240RE

Quant Time: May 05 00:59:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

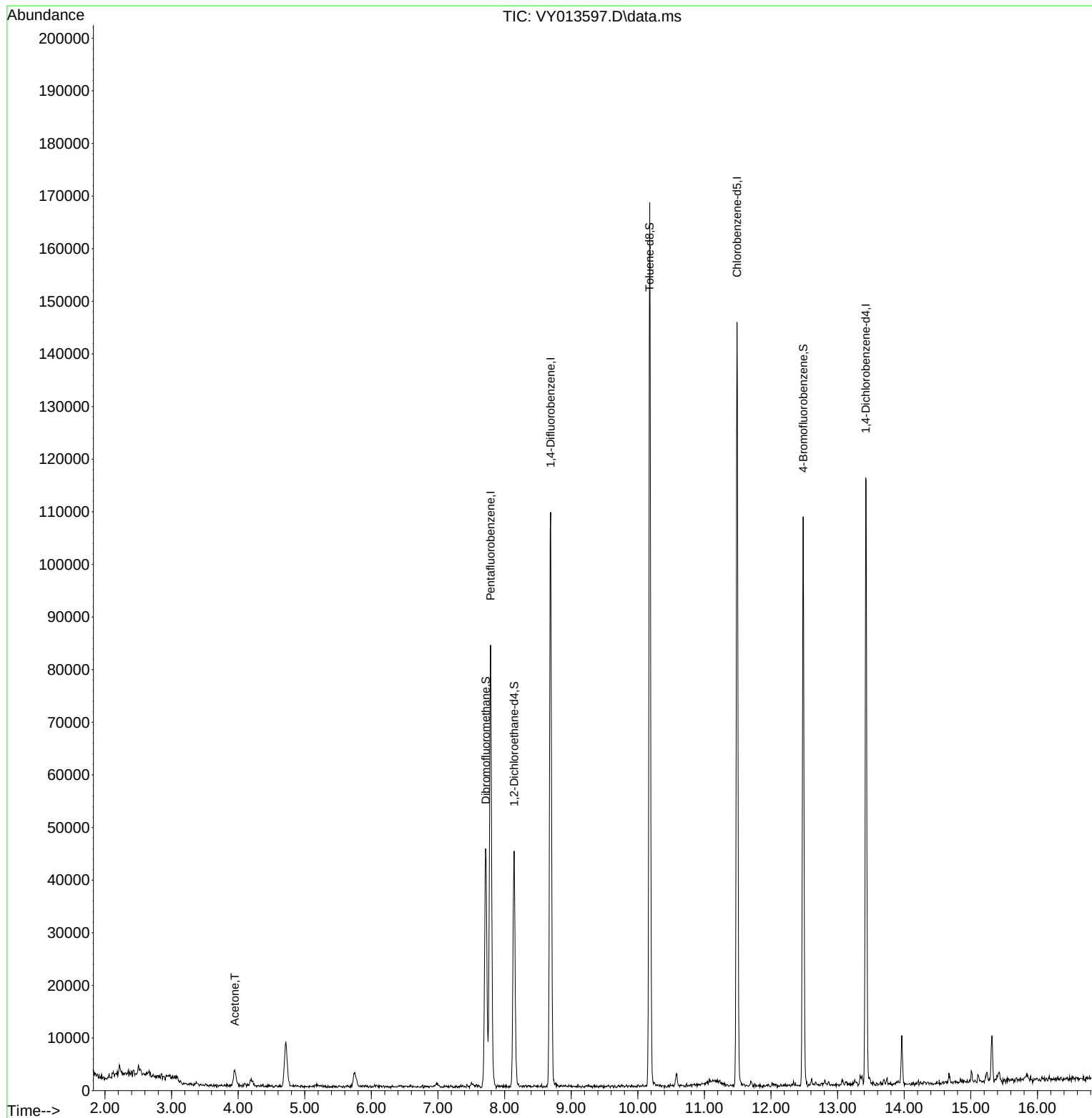
Internal Standards						
1) Pentafluorobenzene	7.789	168	63941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	94050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	80267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36873	52.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.220%
35) Dibromofluoromethane	7.716	113	31537	53.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.620%
50) Toluene-d8	10.179	98	107334	51.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.483	95	28613	40.333	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.660%
Target Compounds						
16) Acetone	3.948	43	5664	20.519	ug/l	Qvalue 95

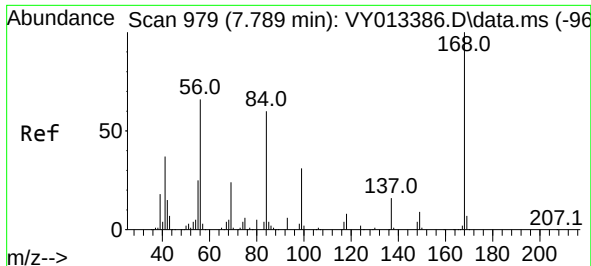
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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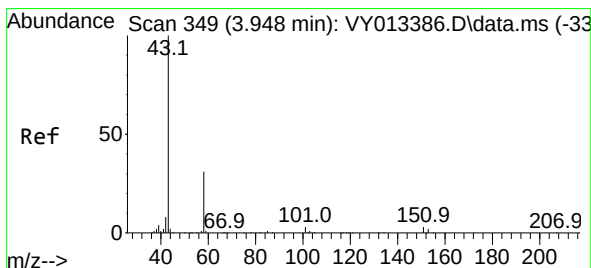
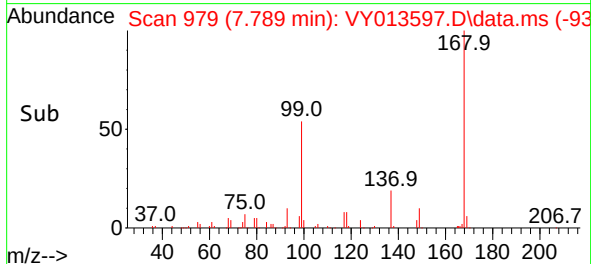
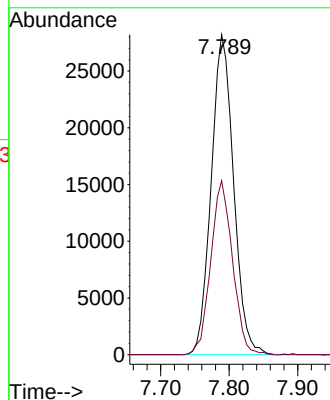
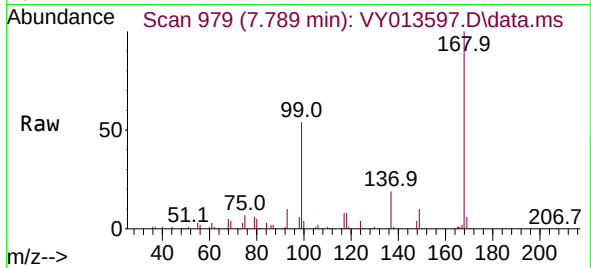




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013597.D
Acq: 04 May 2023 14:05

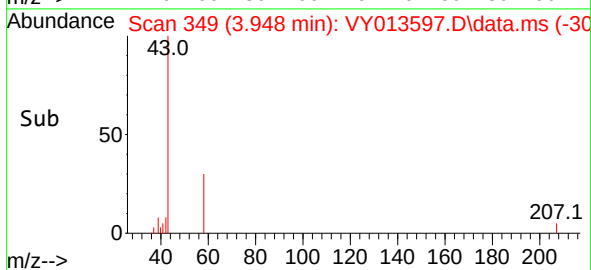
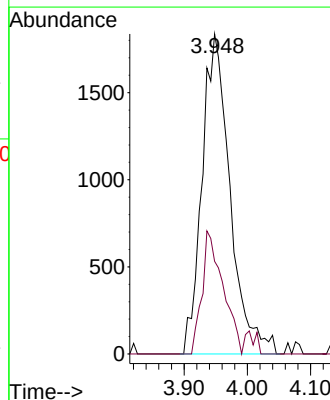
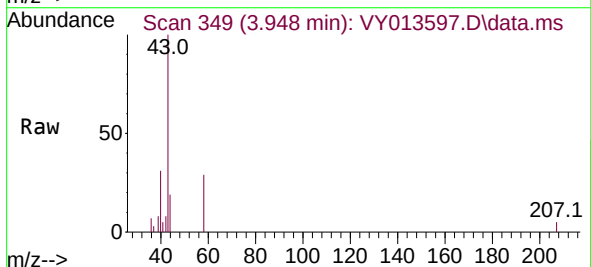
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240RE

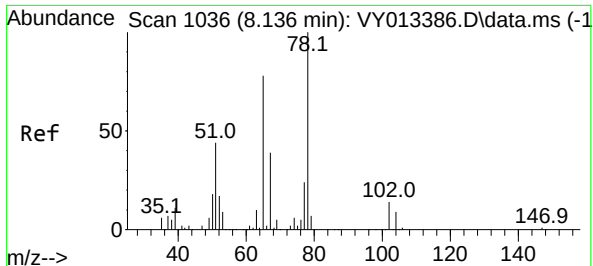
Tgt Ion:168 Resp: 63941
Ion Ratio Lower Upper
168 100
99 54.3 41.8 62.6



#16
Acetone
Concen: 20.519 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013597.D
Acq: 04 May 2023 14:05

Tgt Ion: 43 Resp: 5664
Ion Ratio Lower Upper
43 100
58 29.0 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 52.605 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY013597.D

Acq: 04 May 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

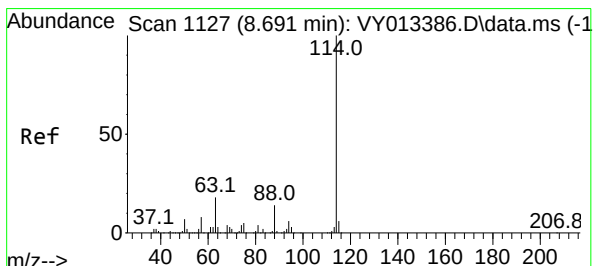
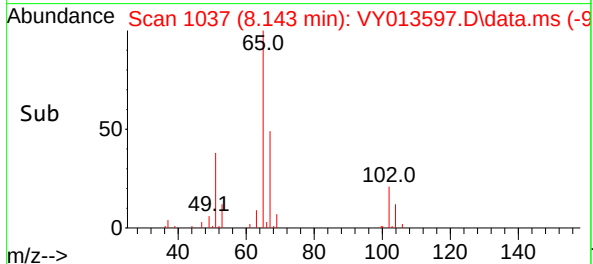
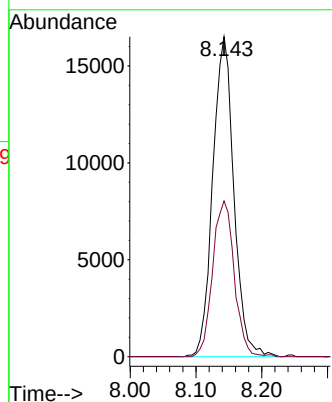
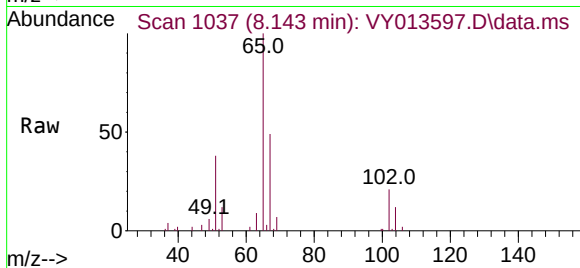
VNJ-240RE

Tgt Ion: 65 Resp: 36873

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013597.D

Acq: 04 May 2023 14:05

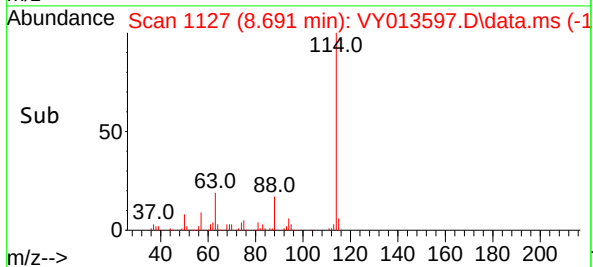
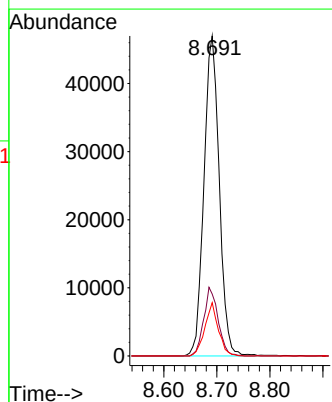
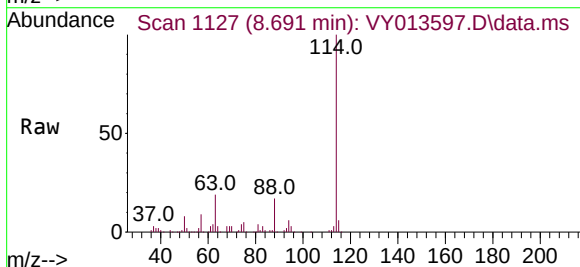
Tgt Ion: 114 Resp: 94050

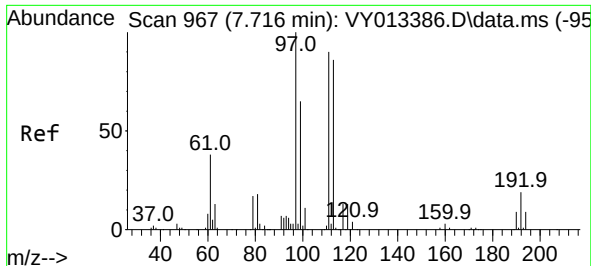
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.6

88 16.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.314 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013597.D

Acq: 04 May 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240RE

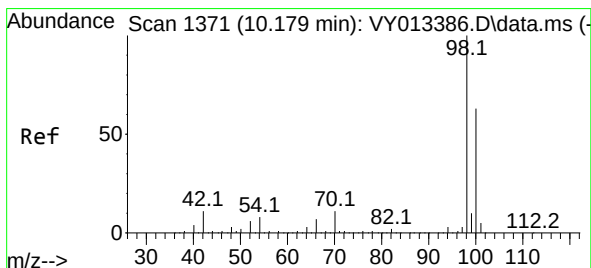
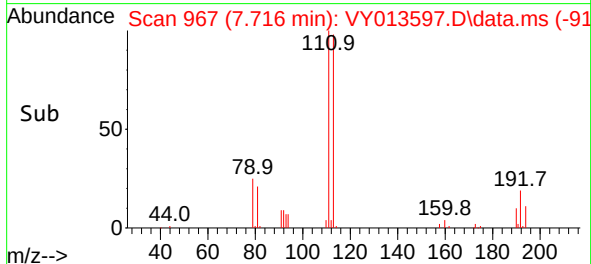
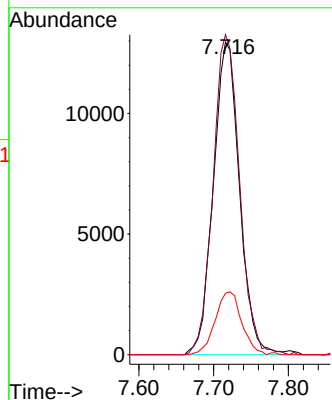
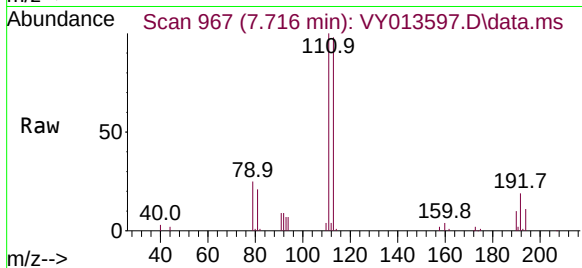
Tgt Ion:113 Resp: 31537

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.3 16.7 25.1



#50

Toluene-d8

Concen: 51.006 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013597.D

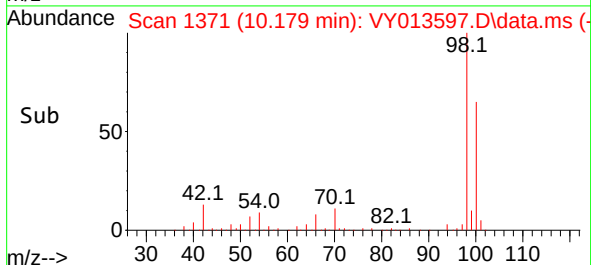
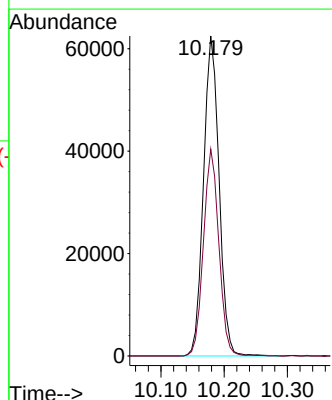
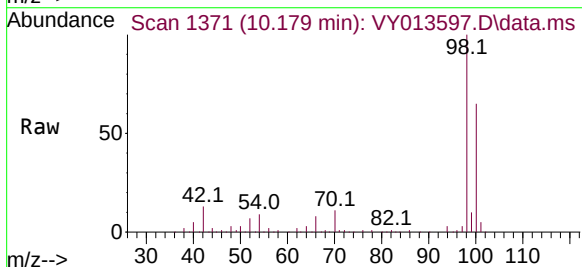
Acq: 04 May 2023 14:05

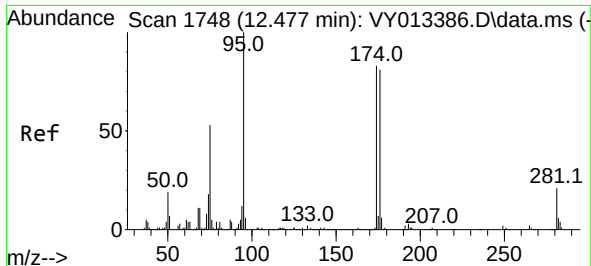
Tgt Ion: 98 Resp: 107334

Ion Ratio Lower Upper

98 100

100 63.8 50.5 75.7

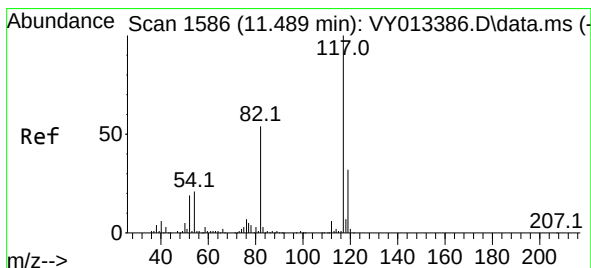
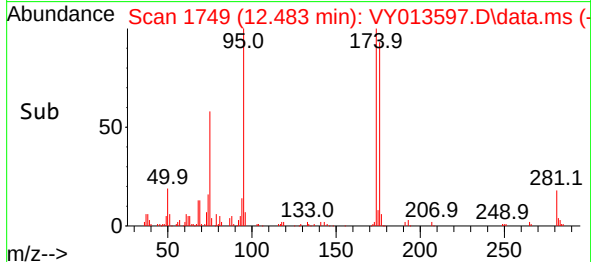
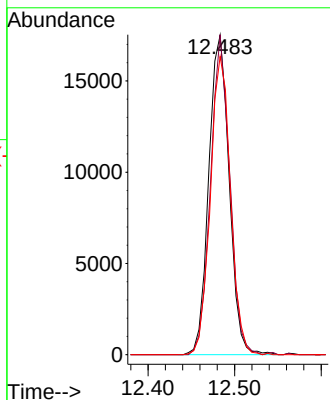
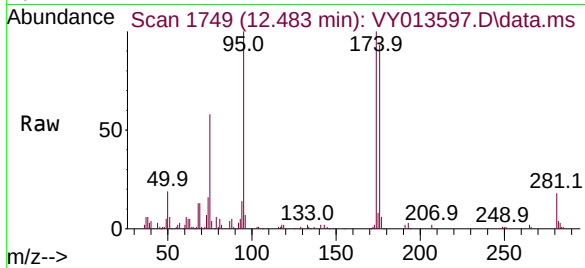




#62
4-Bromofluorobenzene
Concen: 40.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013597.D
Acq: 04 May 2023 14:05

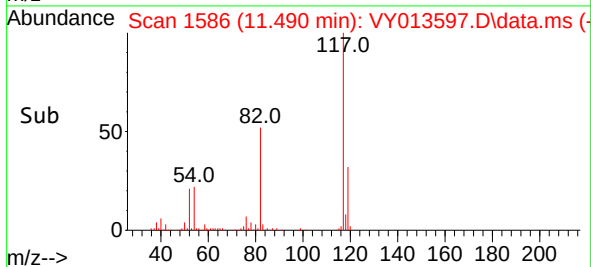
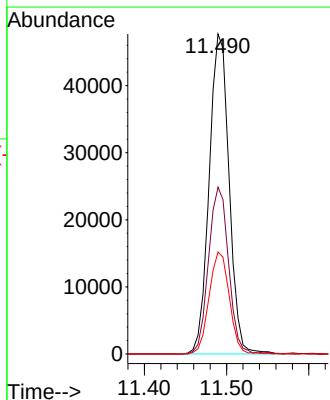
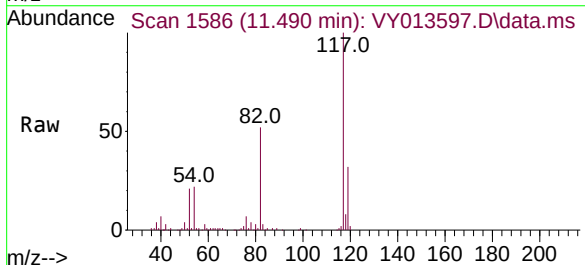
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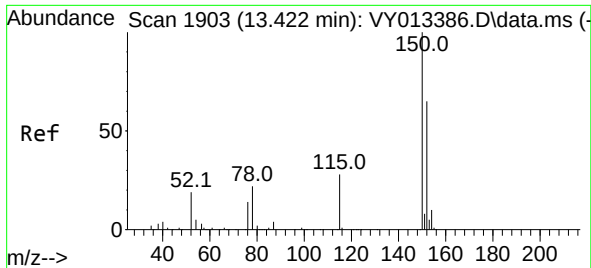
Tgt Ion: 95 Resp: 28613
Ion Ratio Lower Upper
95 100
174 94.2 0.0 182.0
176 92.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013597.D
Acq: 04 May 2023 14:05

Tgt Ion: 117 Resp: 80267
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013597.D

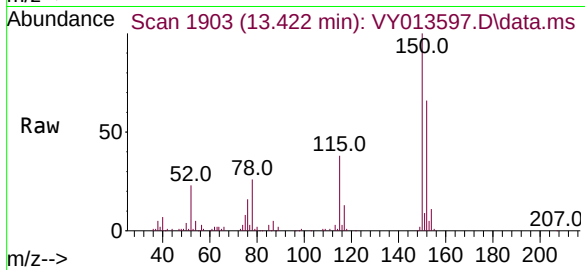
Acq: 04 May 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240RE



Tgt Ion:152 Resp: 30223

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 161.0 0.0 352.0

