

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013506.D
 Acq On : 27 Apr 2023 20:47
 Operator : KP/MD
 Sample : 02490-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-201

Quant Time: Apr 28 01:35:07 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	34993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	49616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	27197	70.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.800%
35) Dibromofluoromethane	7.715	113	21181	63.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.960%
50) Toluene-d8	10.178	98	62036	52.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.477	95	17709	44.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.220%

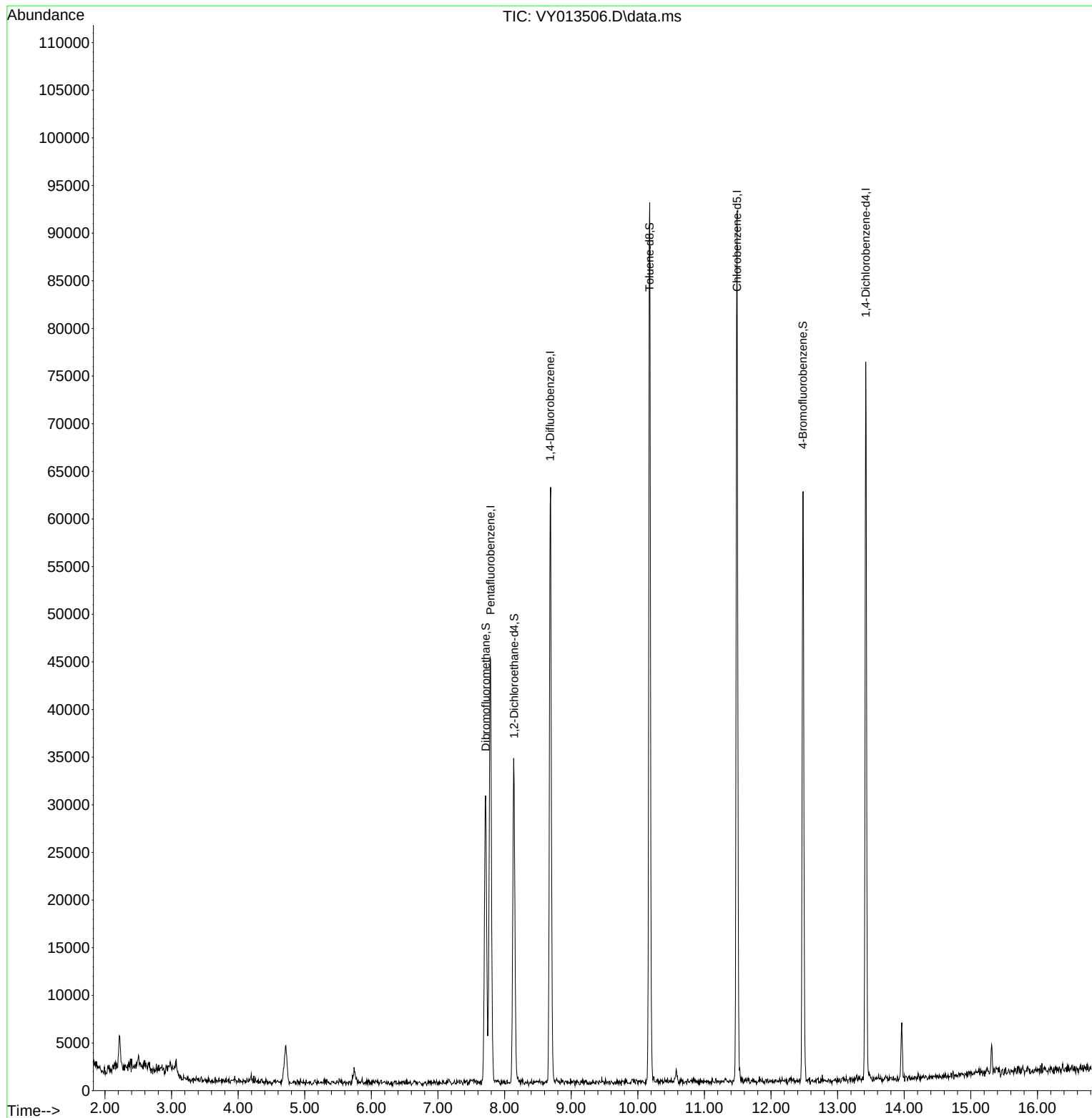
Target Compounds	Qvalue

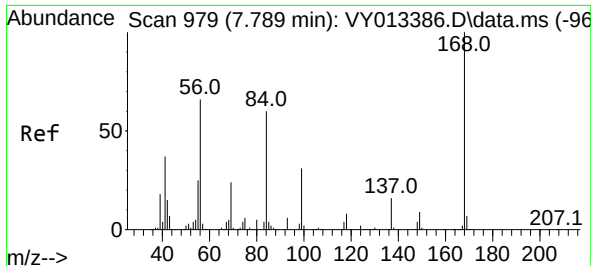
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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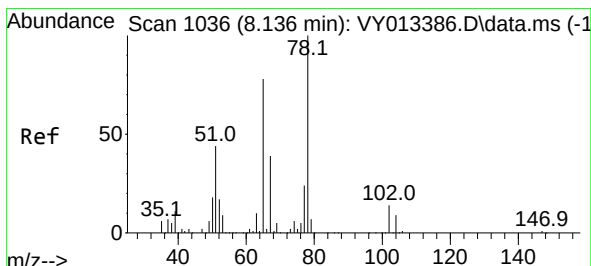
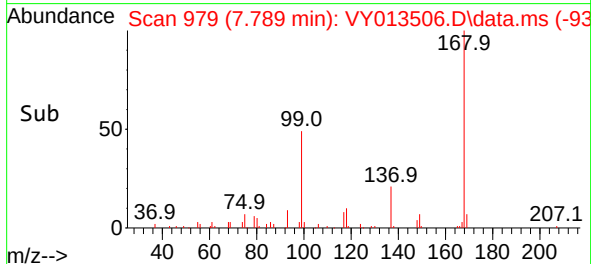
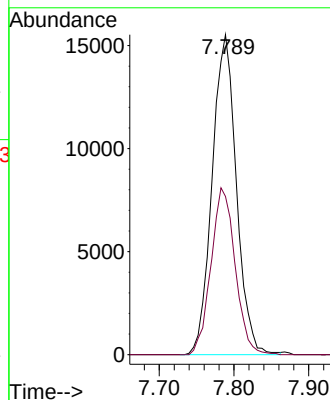
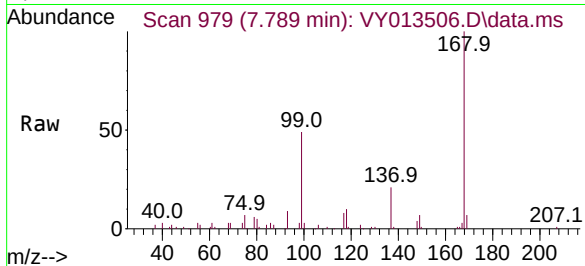




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013506.D
Acq: 27 Apr 2023 20:47

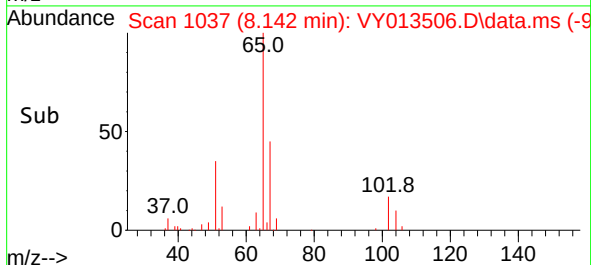
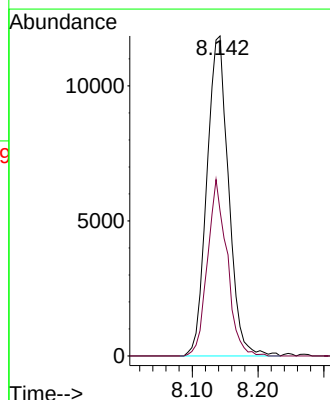
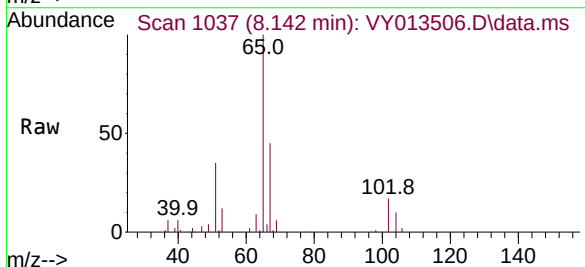
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201

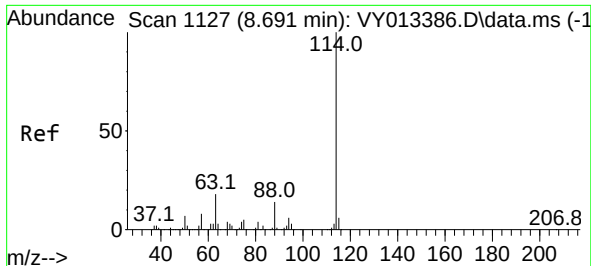
Tgt Ion:168 Resp: 34993
Ion Ratio Lower Upper
168 100
99 49.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 70.899 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013506.D
Acq: 27 Apr 2023 20:47

Tgt Ion: 65 Resp: 27197
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013506.D

Acq: 27 Apr 2023 20:47

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-201

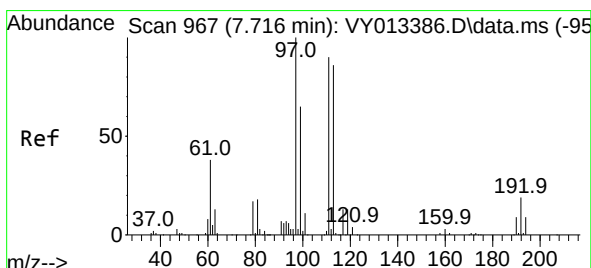
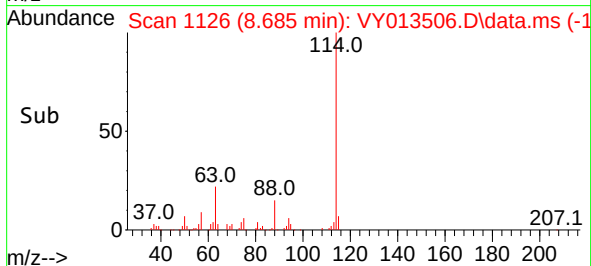
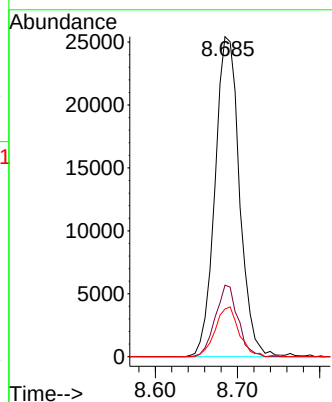
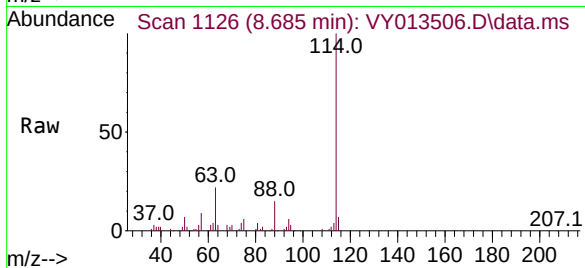
Tgt Ion:114 Resp: 52634

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.6

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 63.982 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013506.D

Acq: 27 Apr 2023 20:47

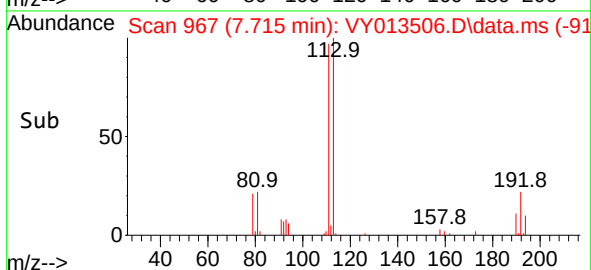
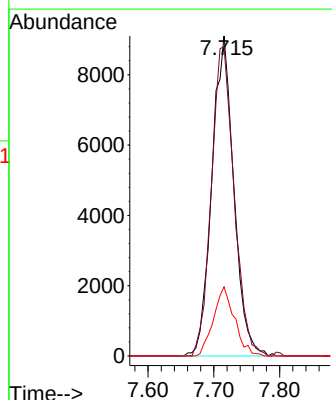
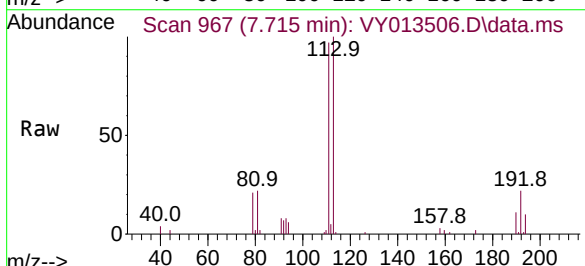
Tgt Ion:113 Resp: 21181

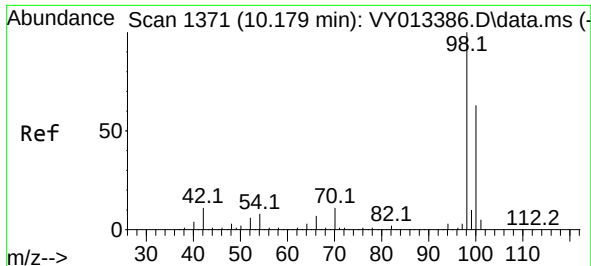
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.2

192 20.8 16.7 25.1

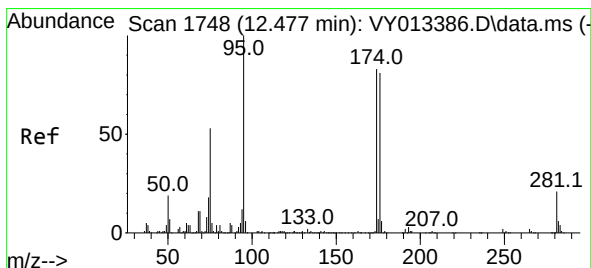
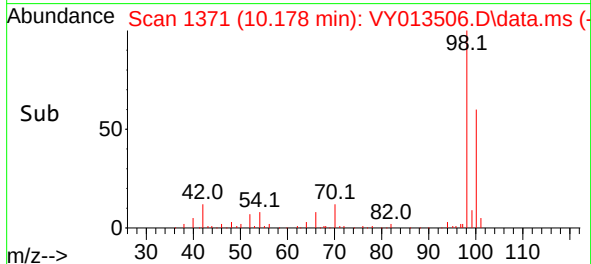
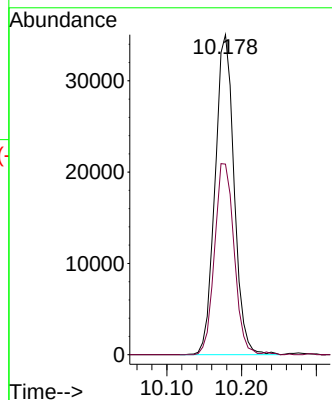
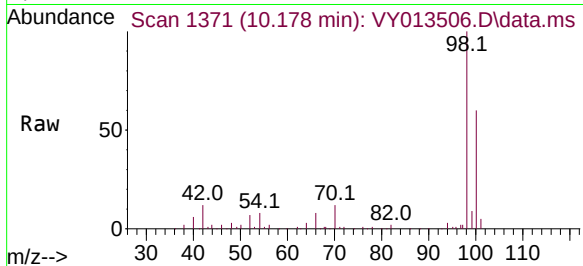




#50
Toluene-d8
Concen: 52.677 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013506.D
Acq: 27 Apr 2023 20:47

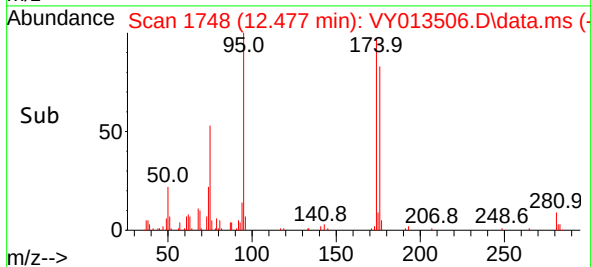
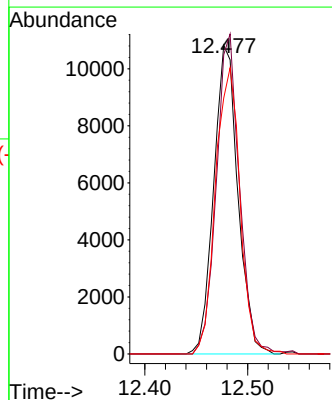
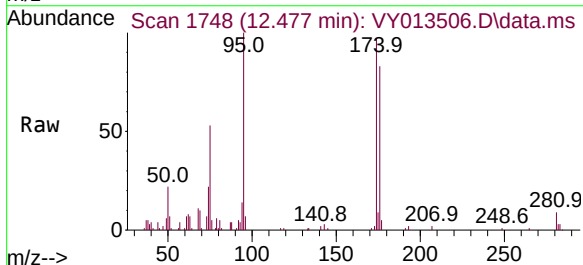
Instrument :
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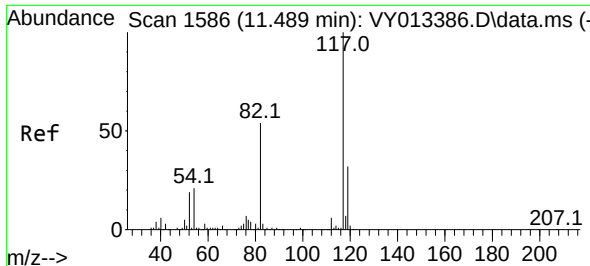
Tgt Ion: 98 Resp: 62036
Ion Ratio Lower Upper
98 100
100 61.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.605 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013506.D
Acq: 27 Apr 2023 20:47

Tgt Ion: 95 Resp: 17709
Ion Ratio Lower Upper
95 100
174 99.0 0.0 182.0
176 93.9 0.0 175.4

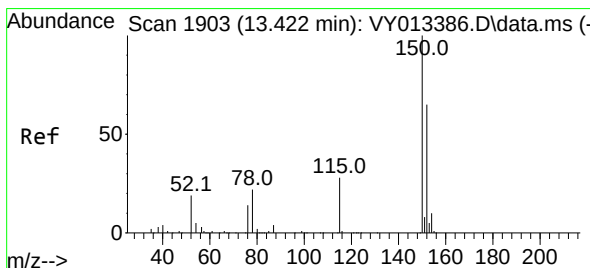
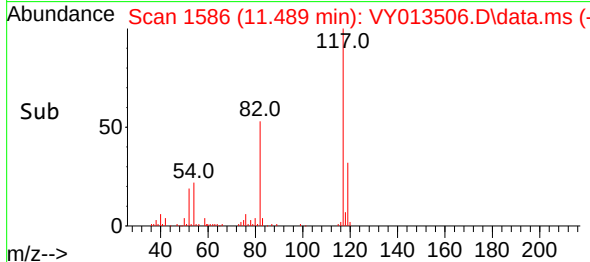
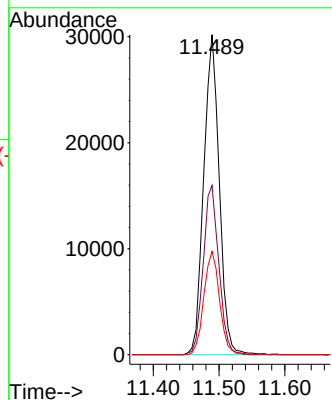
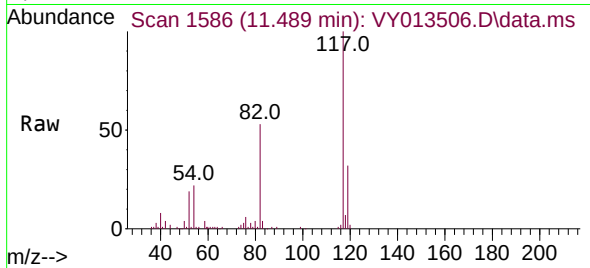




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013506.D
Acq: 27 Apr 2023 20:47

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201

Tgt Ion:117	Resp:	49616
Ion	Ratio	Lower Upper
117	100	
82	52.9	43.0 64.6
119	32.3	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: VY013506.D
Acq: 27 Apr 2023 20:47

Tgt Ion:152	Resp:	20606
Ion	Ratio	Lower Upper
152	100	
115	54.6	28.1 84.2
150	146.1	0.0 352.0

