

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013619.D
 Acq On : 05 May 2023 12:47
 Operator : KP/MD
 Sample : 02598-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241RE

Quant Time: May 08 00:23:52 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	12768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	16555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7440	53.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.320%	
35) Dibromofluoromethane	7.709	113	6070	58.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.600%	
50) Toluene-d8	10.178	98	18903	51.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	12.483	95	4622	37.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.020%	

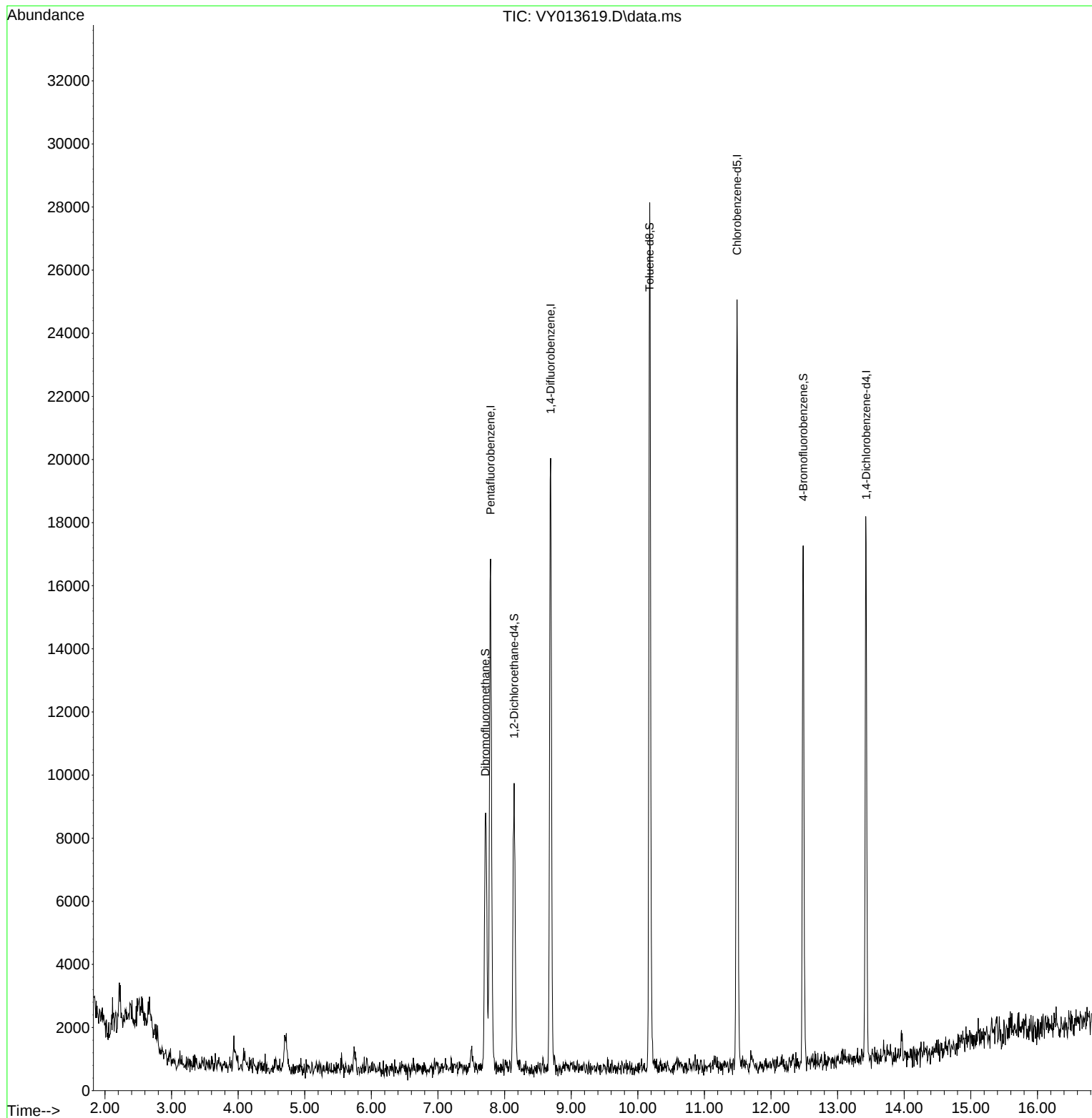
Target Compounds	Qvalue

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

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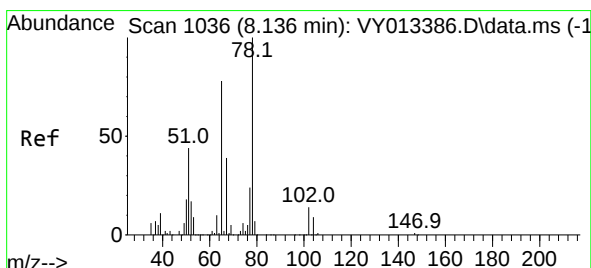
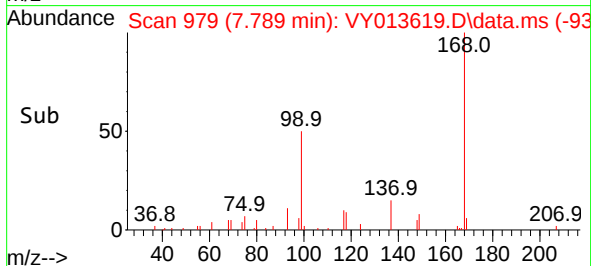
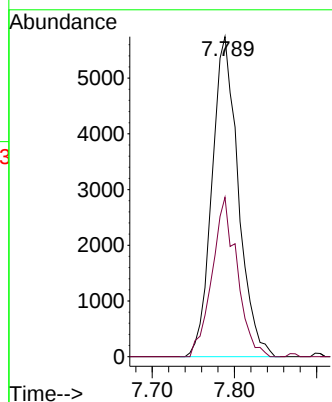
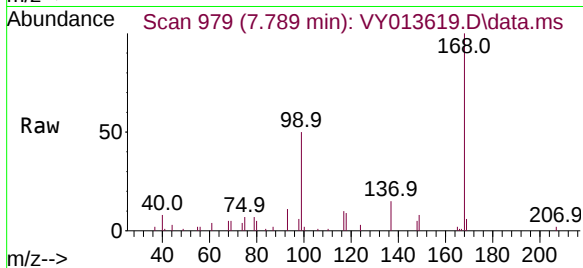




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

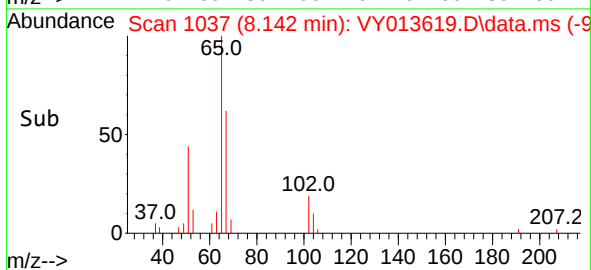
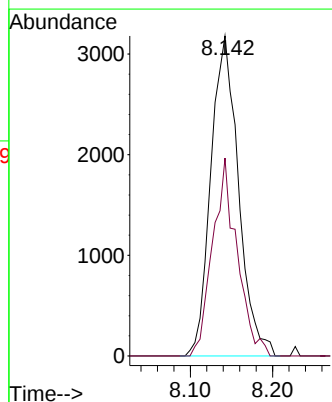
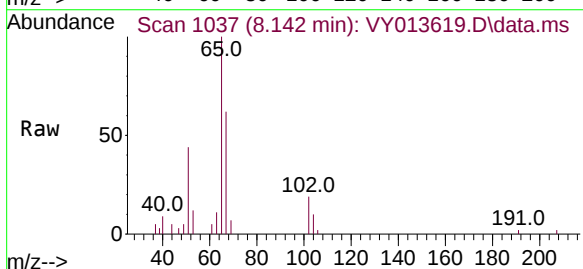
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241RE

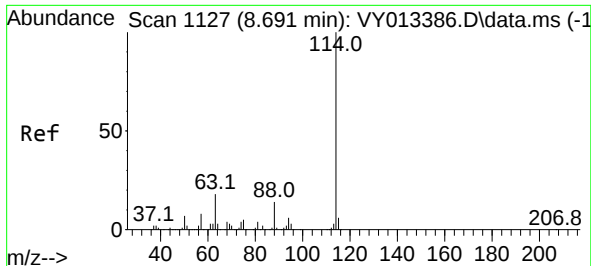
Tgt Ion:168 Resp: 12768
Ion Ratio Lower Upper
168 100
99 49.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 53.156 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

Tgt Ion: 65 Resp: 7440
Ion Ratio Lower Upper
65 100
67 54.8 0.0 103.4

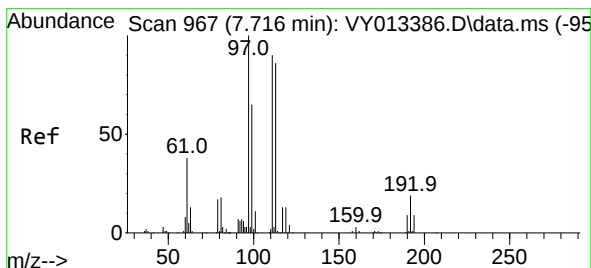
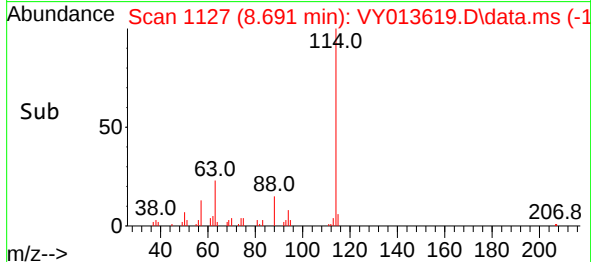
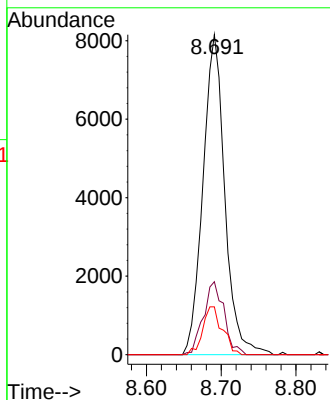
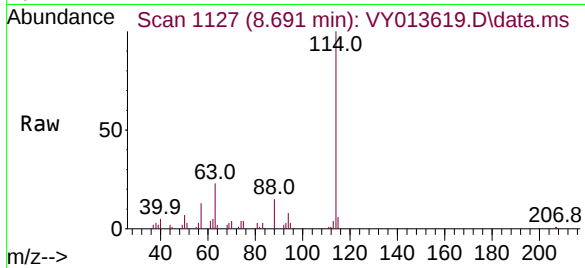




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

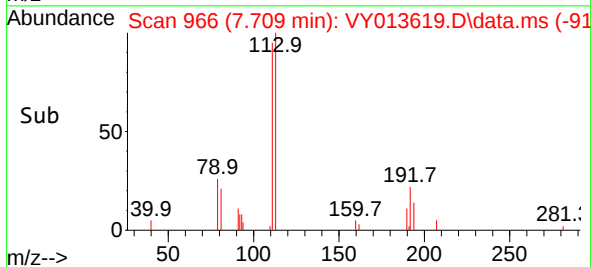
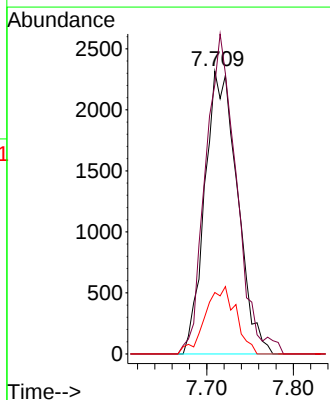
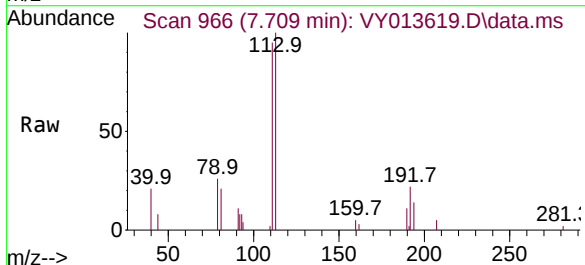
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ClientSampleId :
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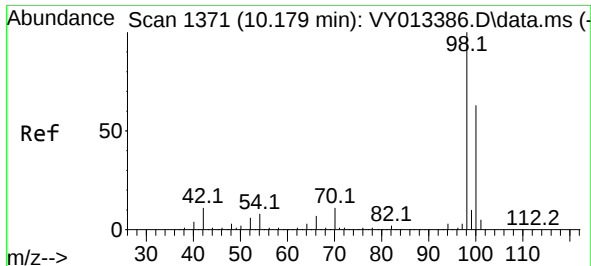
Tgt Ion:	114	Resp:	16555
Ion Ratio	Lower	Upper	
114	100		
63	22.8	0.0	36.6
88	14.9	0.0	28.8



#35
Dibromofluoromethane
Concen: 58.296 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

Tgt Ion:	113	Resp:	6070
Ion Ratio	Lower	Upper	
113	100		
111	106.7	82.2	123.2
192	22.4	16.7	25.1

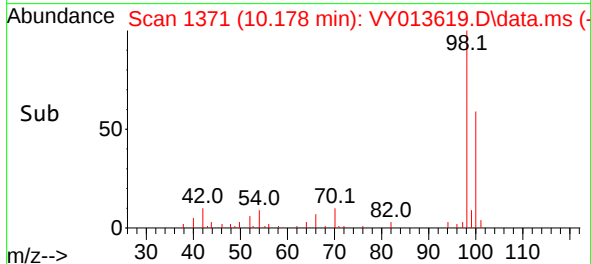
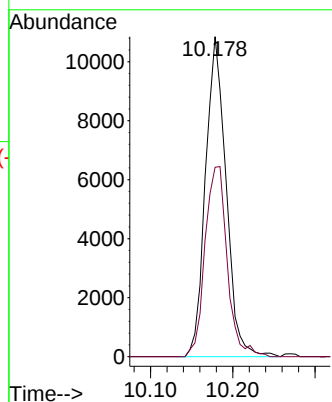
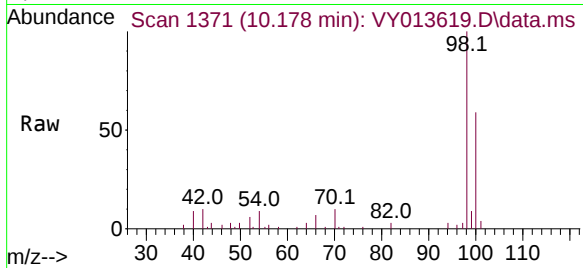




#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

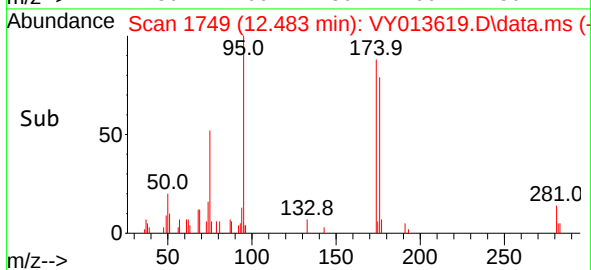
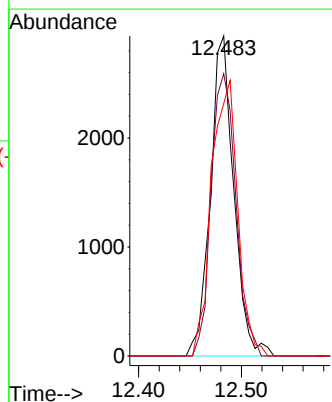
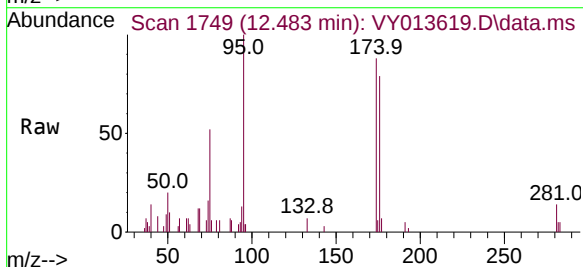
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241RE

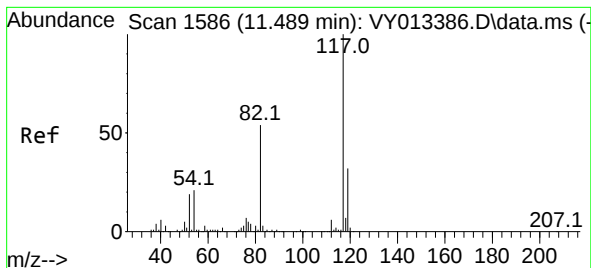
Tgt Ion: 98 Resp: 18903
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 37.013 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

Tgt Ion: 95 Resp: 4622
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.0
176 97.0 0.0 175.4

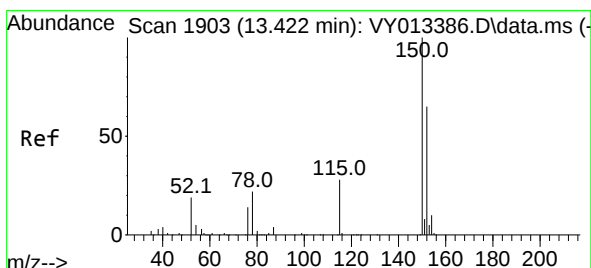
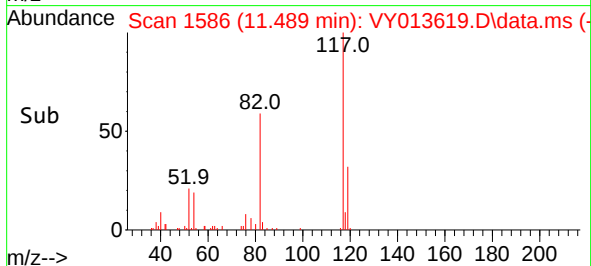
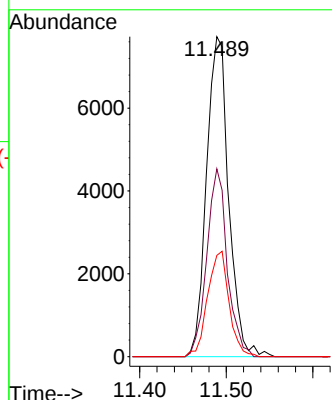
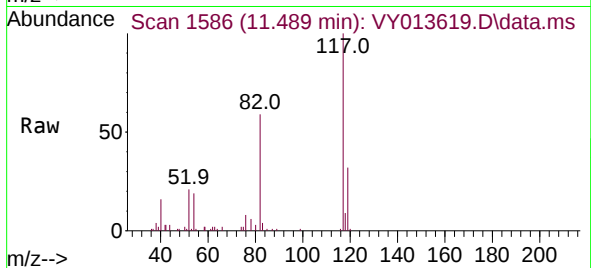




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241RE

Tgt Ion:117 Resp: 13706
Ion Ratio Lower Upper
117 100
82 58.7 43.0 64.6
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013619.D
Acq: 05 May 2023 12:47

Tgt Ion:152 Resp: 4601
Ion Ratio Lower Upper
152 100
115 58.1 28.1 84.2
150 164.2 0.0 352.0

