

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012487.D
 Acq On : 03 Feb 2023 19:07
 Operator : KP/MD
 Sample : 01410-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-225

Quant Time: Feb 04 00:15:18 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	7.789	168	24349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11234	56.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.716	113	11040	59.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.860%
50) Toluene-d8	10.179	98	40101	64.039	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.080%
62) 4-Bromofluorobenzene	12.483	95	10342	39.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.640%

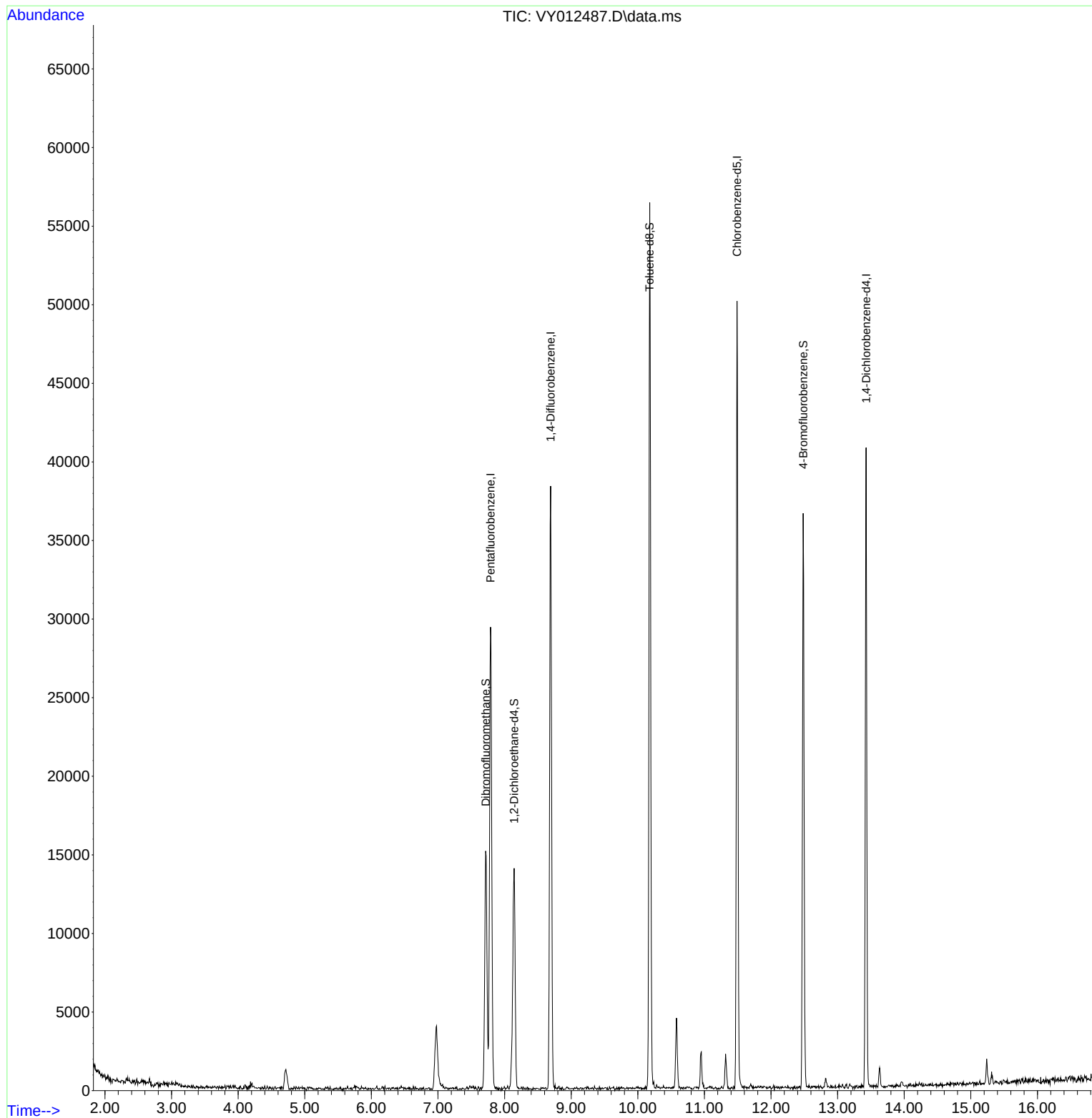
Target Compounds	Qvalue

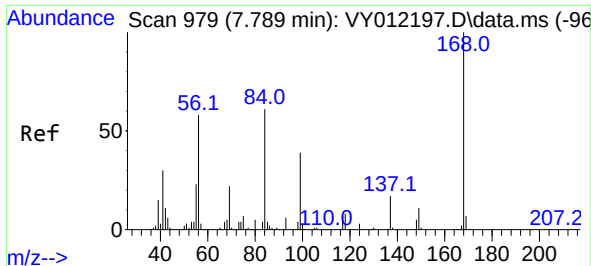
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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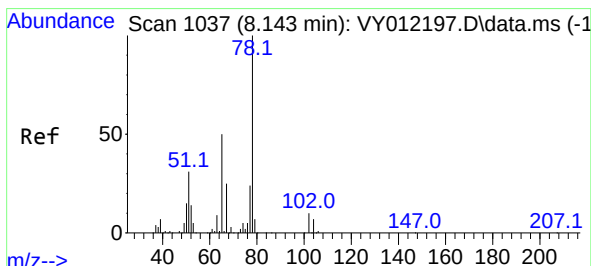
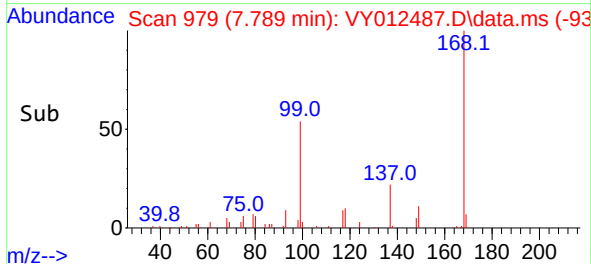
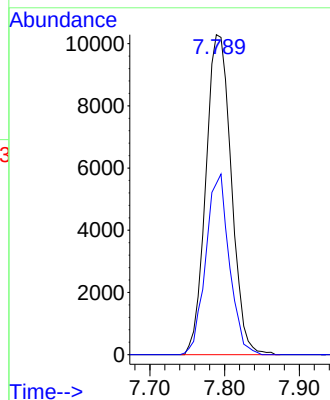
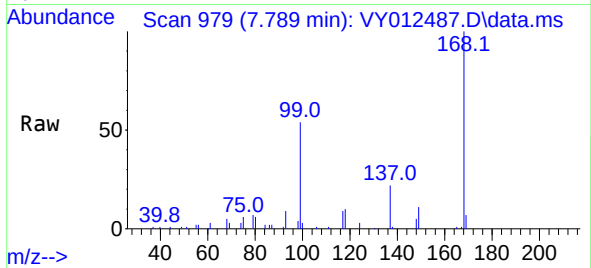




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

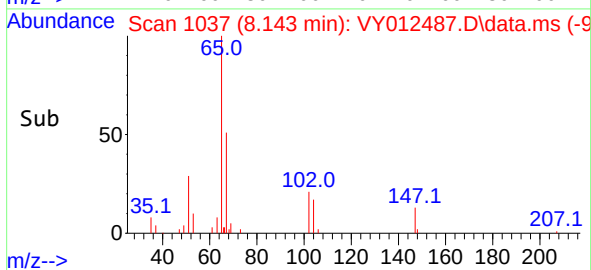
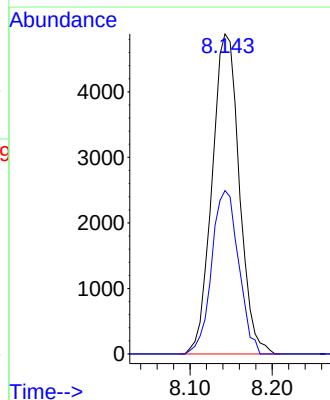
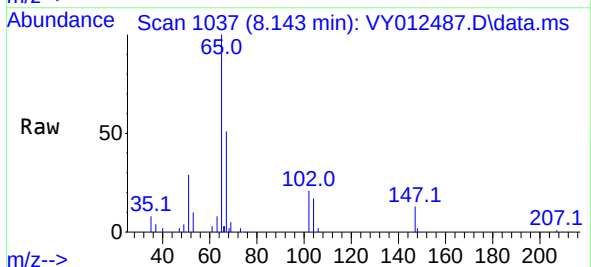
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-225

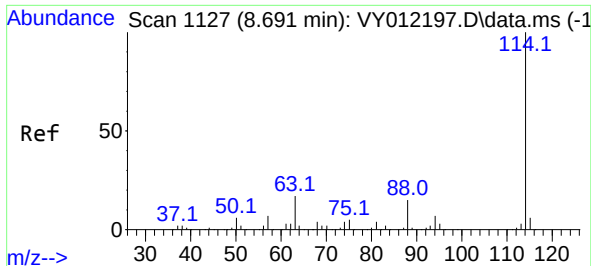
Tgt Ion:168 Resp: 24349
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 56.145 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

Tgt Ion: 65 Resp: 11234
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.2

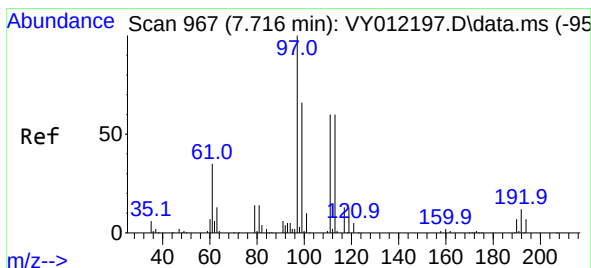
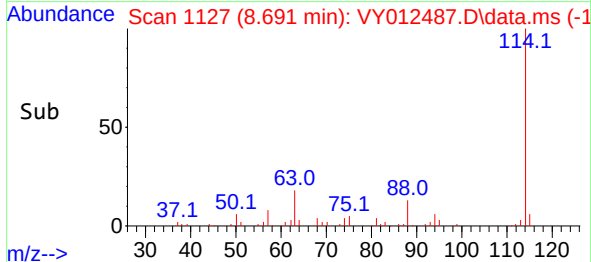
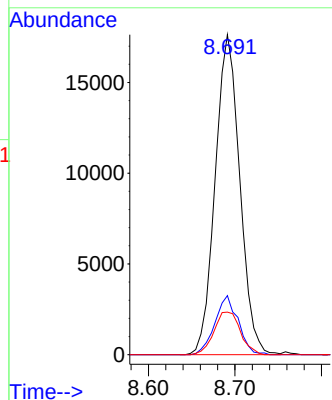
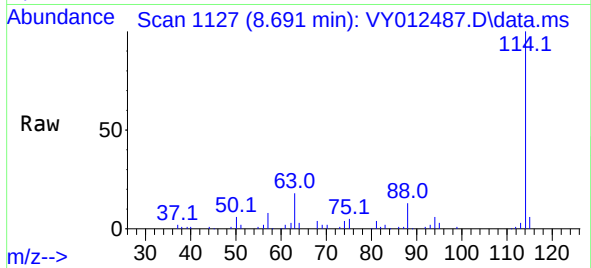




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

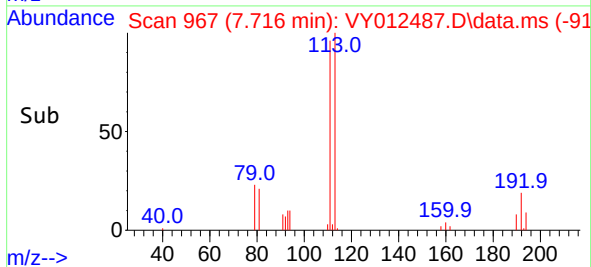
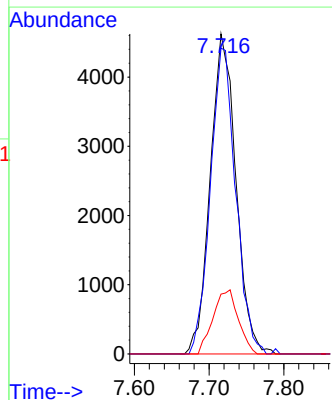
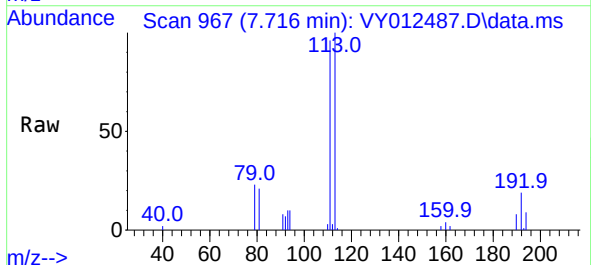
Instrument :
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ClientSampleId :
VNJ-225

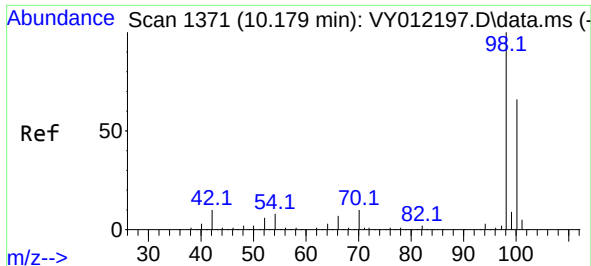
Tgt Ion:114	Resp:	34793
Ion Ratio	Lower	Upper
114	100	
63	18.5	0.0 39.6
88	13.3	0.0 32.2



#35
Dibromofluoromethane
Concen: 59.925 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

Tgt Ion:113	Resp:	11040
Ion Ratio	Lower	Upper
113	100	
111	94.2	83.0 124.4
192	19.6	16.0 24.0

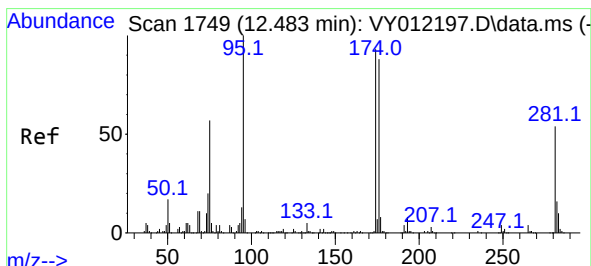
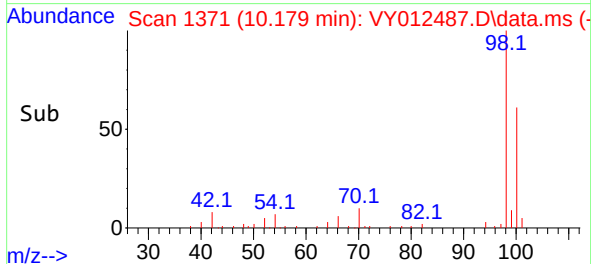
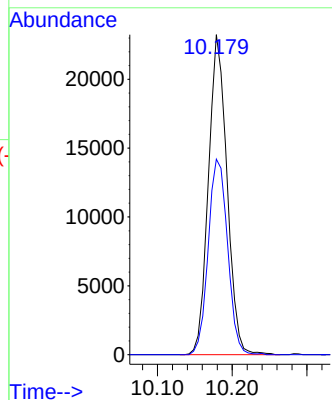
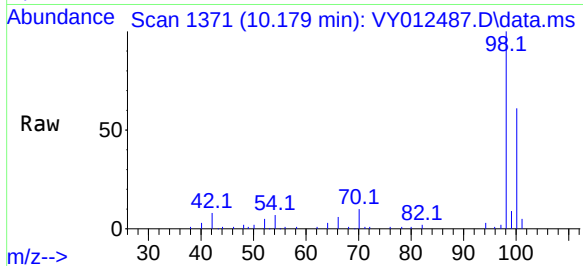




#50
Toluene-d8
Concen: 64.039 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

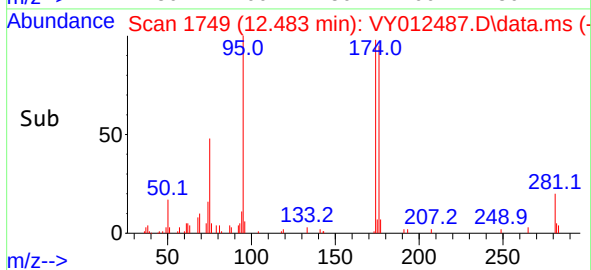
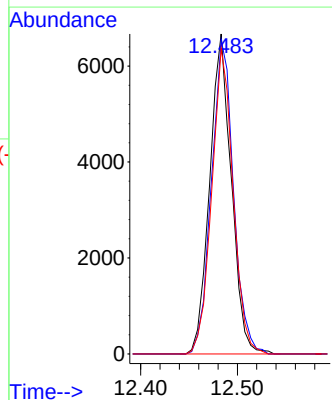
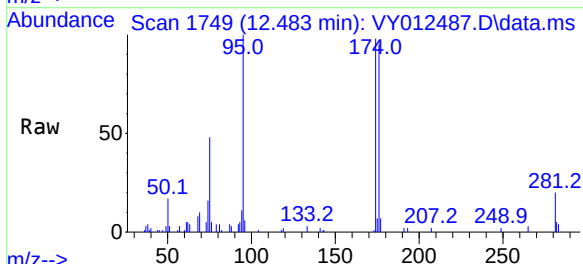
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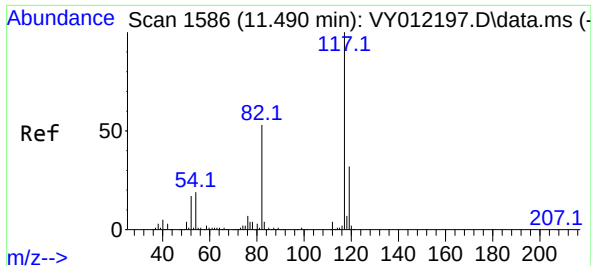
Tgt Ion: 98 Resp: 40101
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.822 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

Tgt Ion: 95 Resp: 10342
Ion Ratio Lower Upper
95 100
174 100.1 0.0 172.0
176 94.3 0.0 167.6

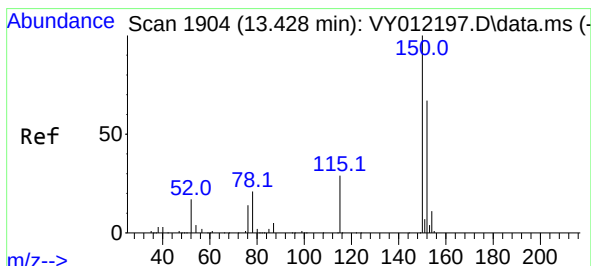
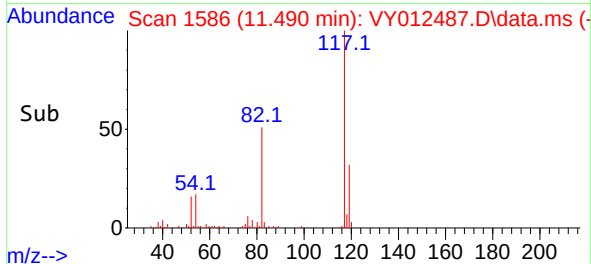
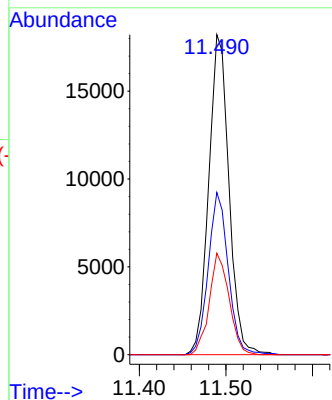
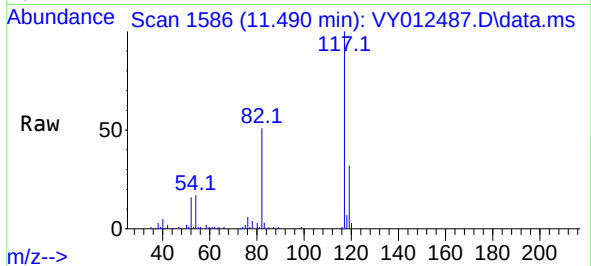




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012487.D
Acq: 03 Feb 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-225

Tgt Ion:	117	Resp:	29547
Ion	Ratio	Lower	Upper
117	100		
82	50.7	44.8	67.2
119	31.7	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: VY012487.D
Acq: 03 Feb 2023 19:07

Tgt Ion:	152	Resp:	11277
Ion	Ratio	Lower	Upper
152	100		
115	54.3	29.1	87.3
150	164.0	0.0	342.6

