

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004642.D
 Acq On : 27 Apr 2021 09:27
 Operator : SY/MD
 Sample : VY0427SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBL01

Quant Time: Apr 28 09:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	121590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79890	59.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.28%
35) Dibromofluoromethane	7.728	113	67213	56.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.38%
50) Toluene-d8	10.185	98	268243	52.72	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.44%
62) 4-Bromofluorobenzene	12.489	95	86708	50.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.44%

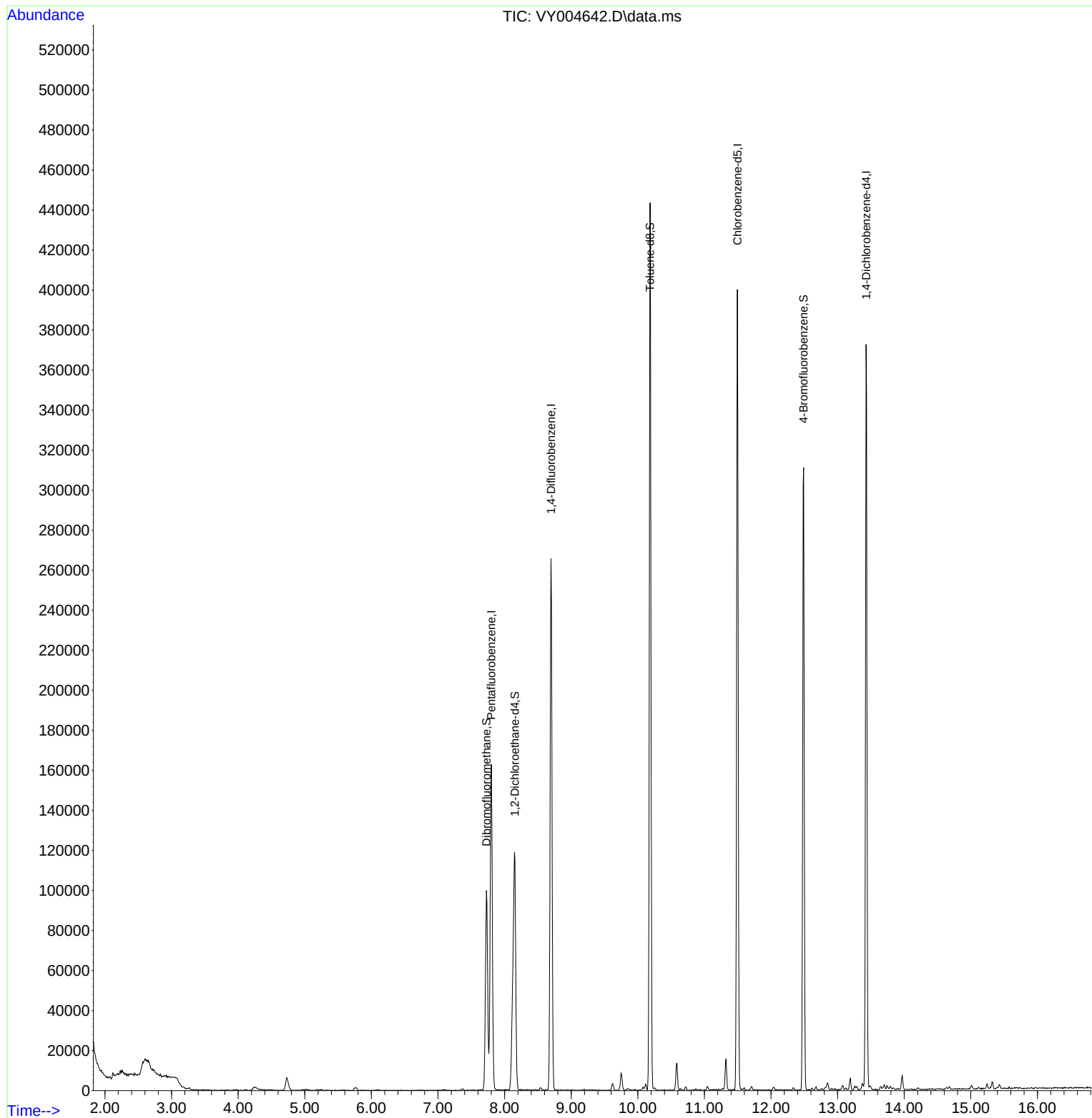
Target Compounds	Qvalue

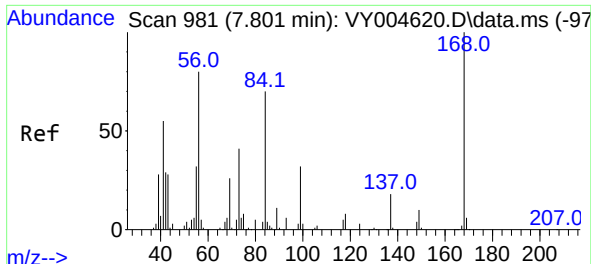
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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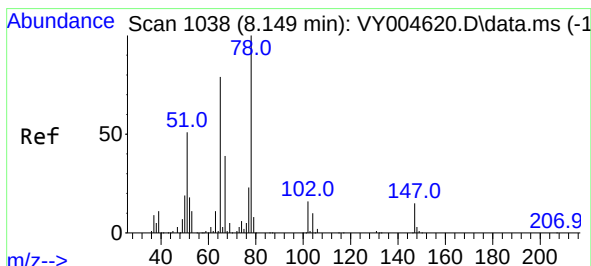
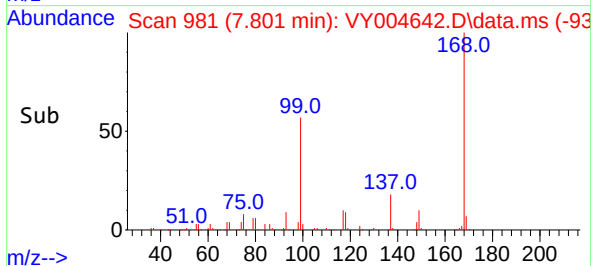
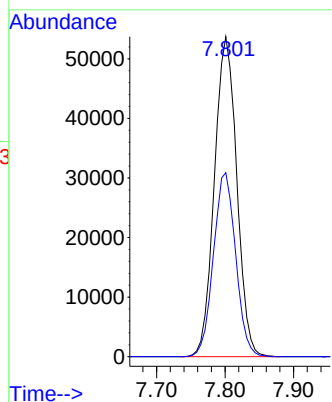
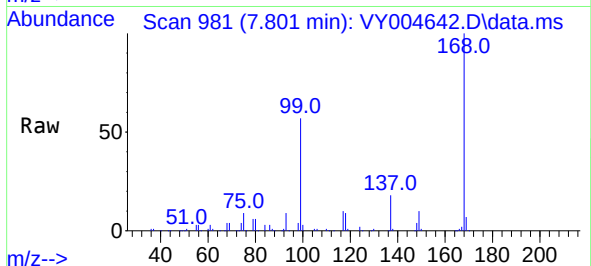




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

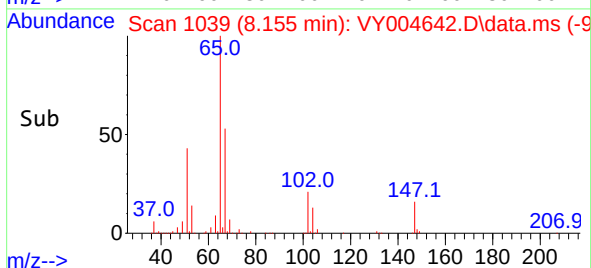
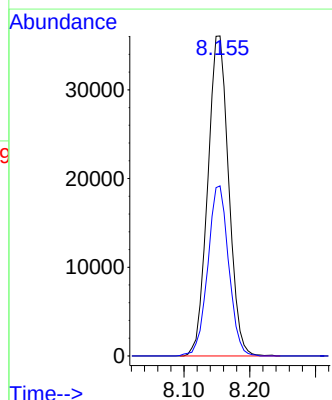
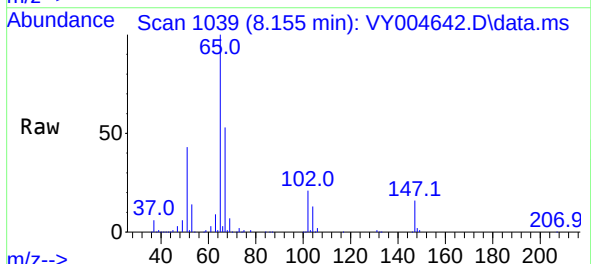
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

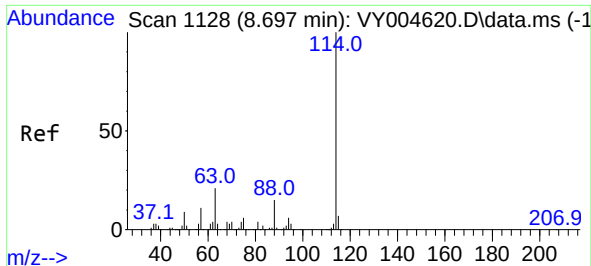
Tgt Ion:168 Resp: 121590
Ion Ratio Lower Upper
168 100
99 57.5 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 59.14 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

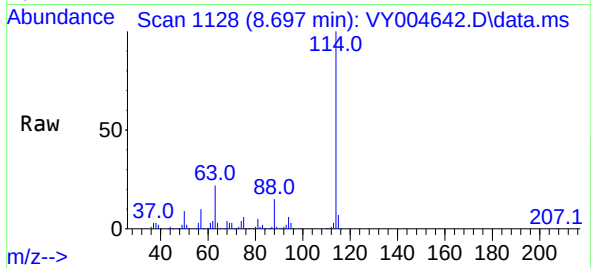
Tgt Ion: 65 Resp: 79890
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4



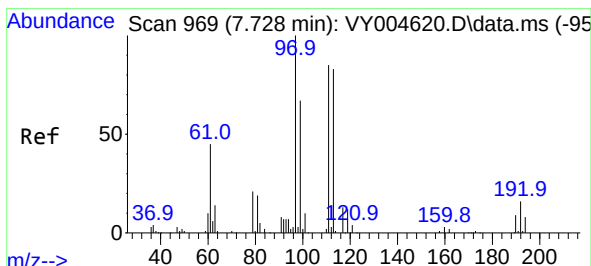
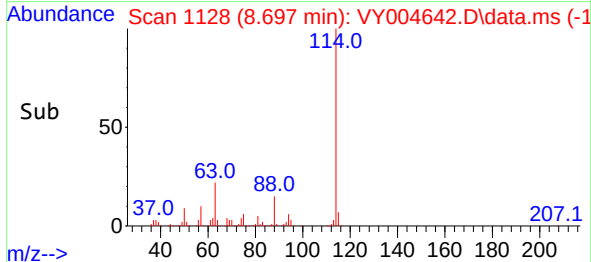
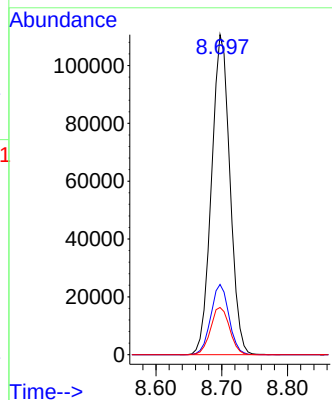


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

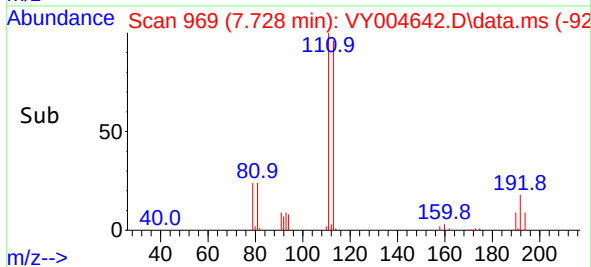
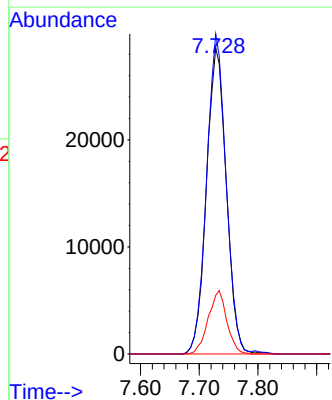
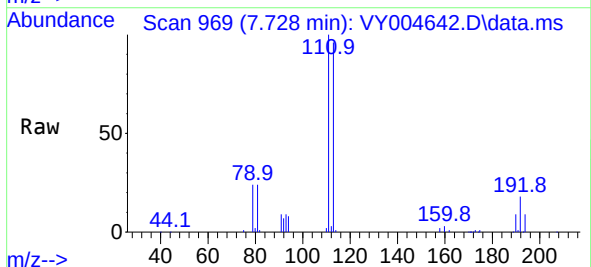


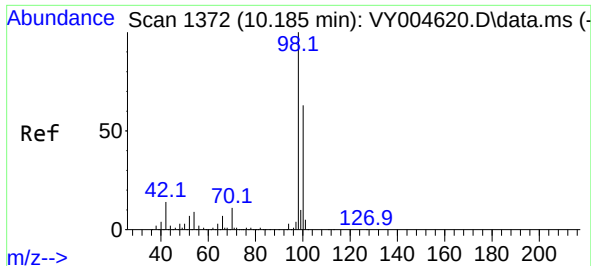
Tgt Ion:114 Resp: 215530
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.19 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Tgt Ion:113 Resp: 67213
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.4 16.1 24.1

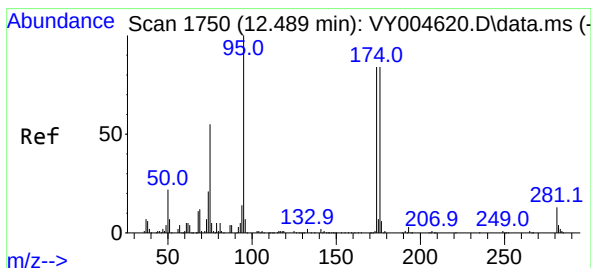
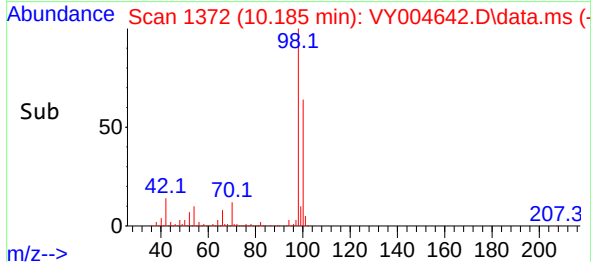
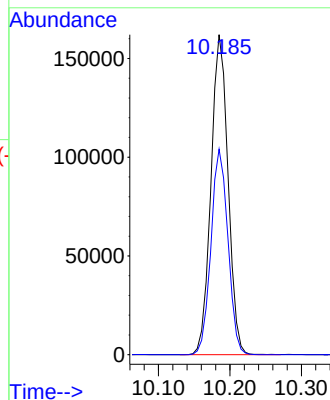
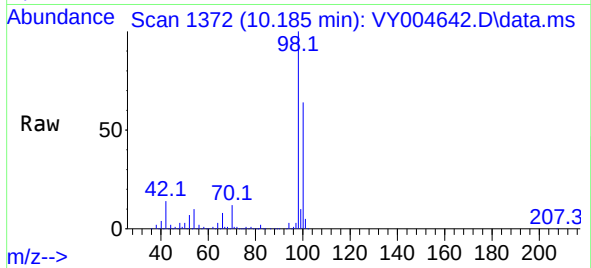




#50
Toluene-d8
Concen: 52.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

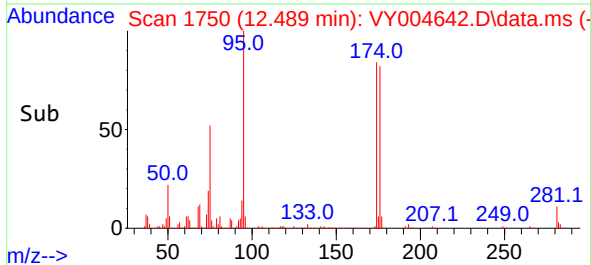
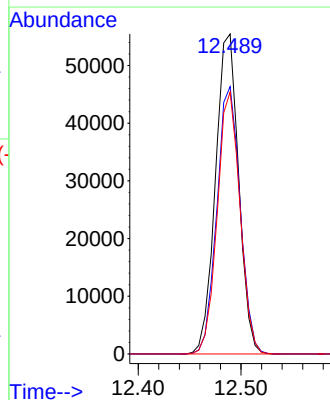
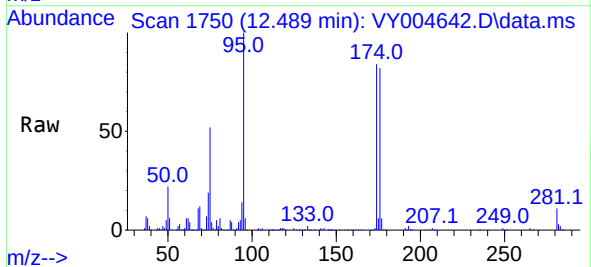
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

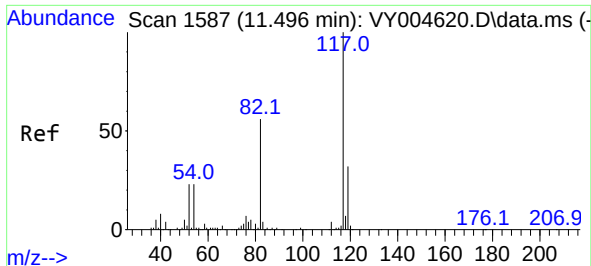
Tgt Ion: 98 Resp: 268243
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.22 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Tgt Ion: 95 Resp: 86708
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 80.2 0.0 156.0



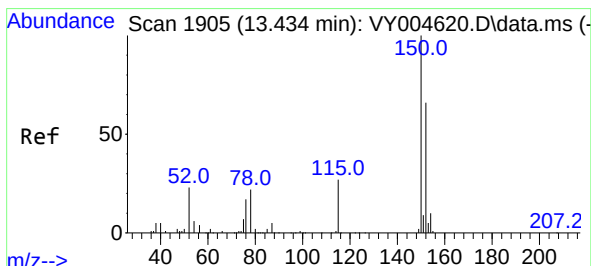
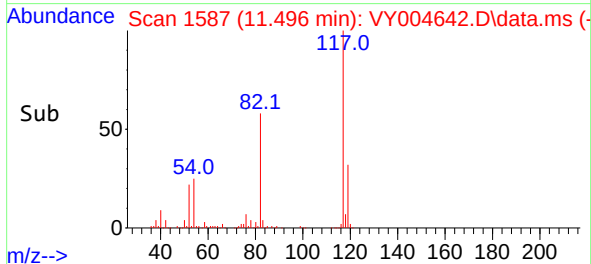
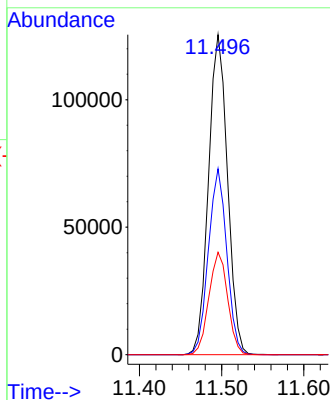
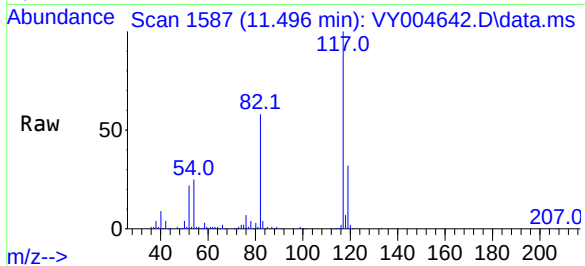


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

Tgt Ion:117 Resp: 201266

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.9	67.3
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004642.D
Acq: 27 Apr 2021 09:27

Tgt Ion:152 Resp: 88197

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.8
150	156.9	0.0	348.4

