

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004627.D
 Acq On : 26 Apr 2021 14:16
 Operator : SY/MD
 Sample : M2176-01
 Misc : 5.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-VOC-1

Quant Time: Apr 27 09:32:58 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	121243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	194021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81317	60.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.74%
35) Dibromofluoromethane	7.728	113	64969	55.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.70%
50) Toluene-d8	10.185	98	259422	51.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.92%
62) 4-Bromofluorobenzene	12.483	95	84732	50.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.02%

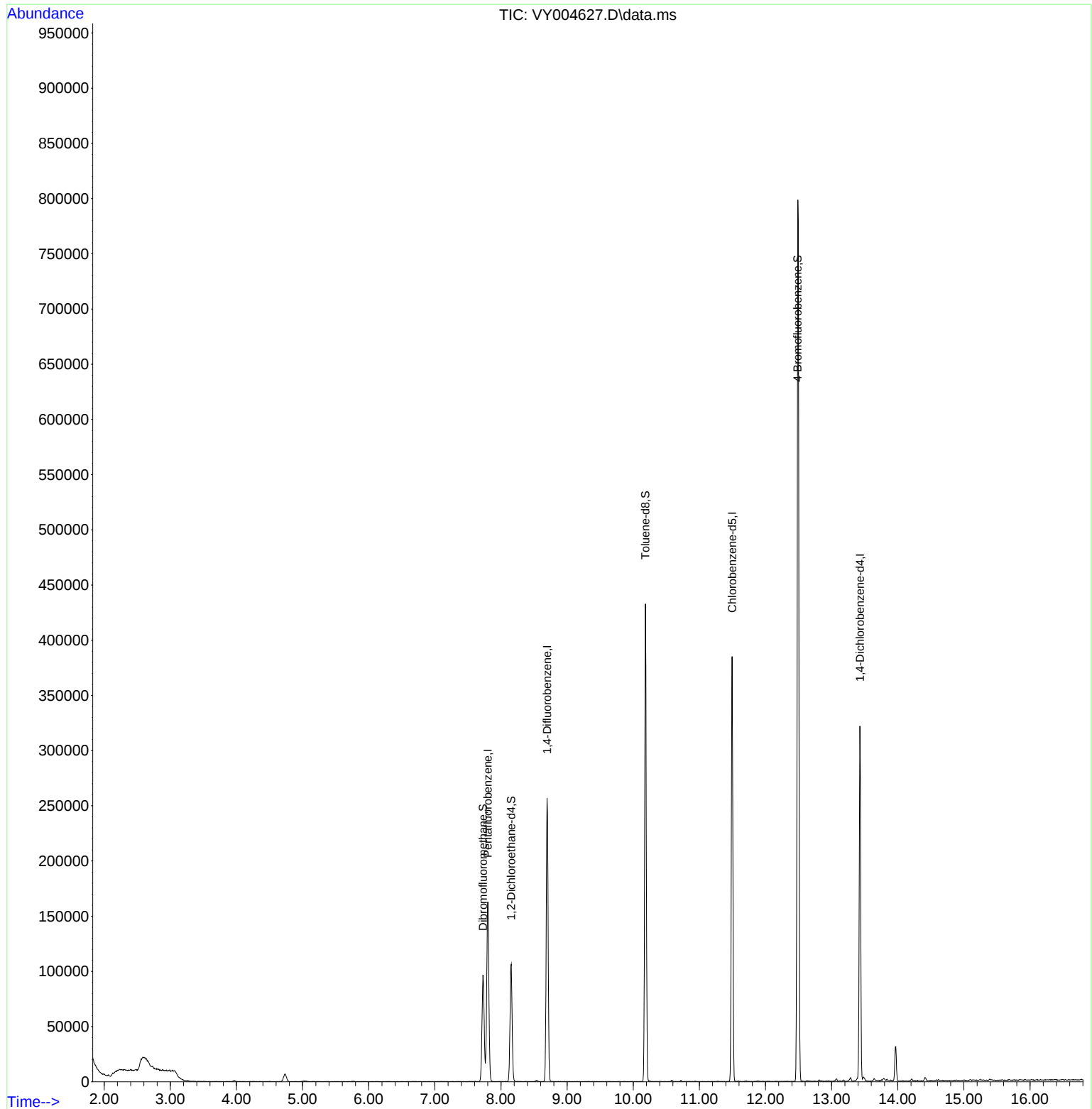
Target Compounds	Qvalue

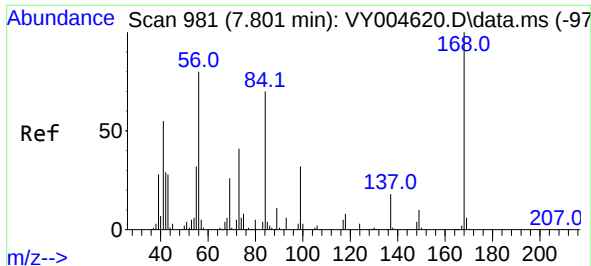
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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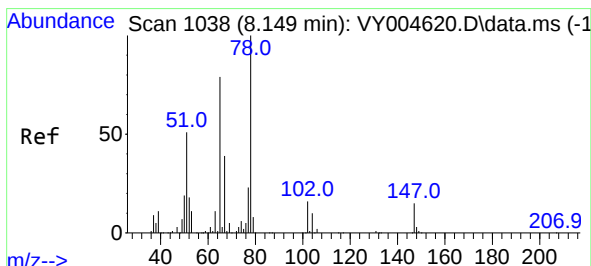
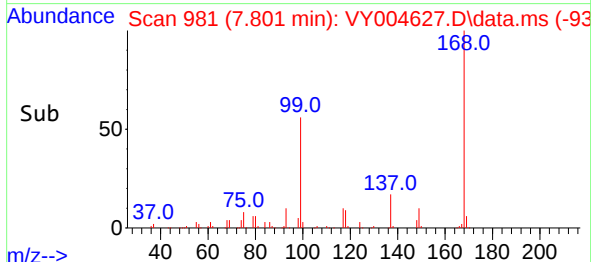
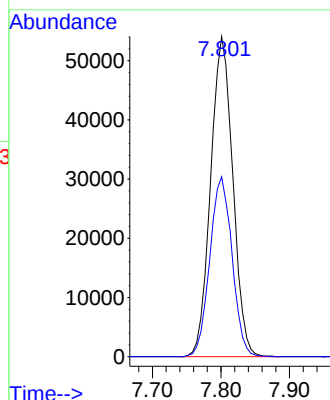
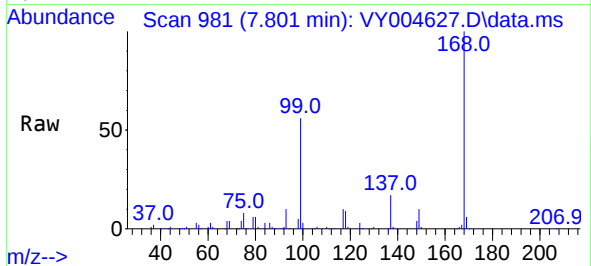




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

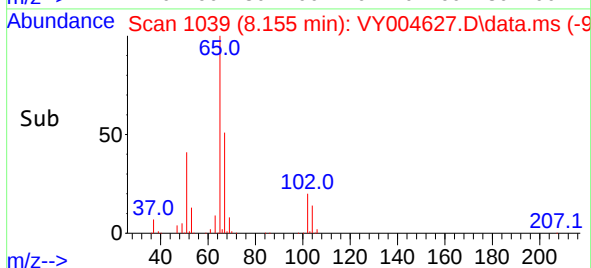
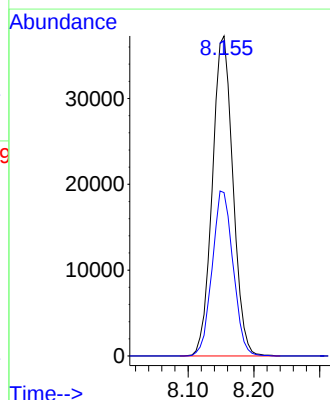
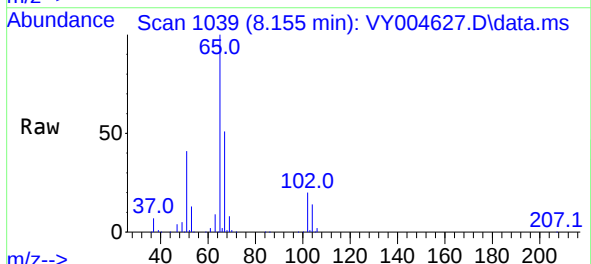
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-1

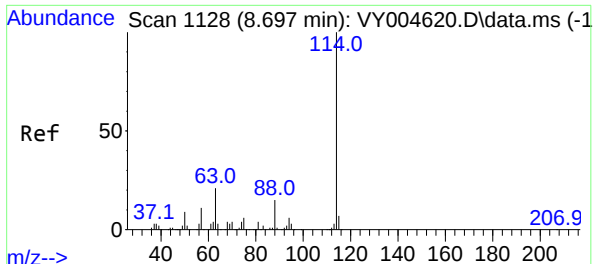
Tgt Ion:168 Resp: 121243
Ion Ratio Lower Upper
168 100
99 56.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 60.37 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion: 65 Resp: 81317
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4



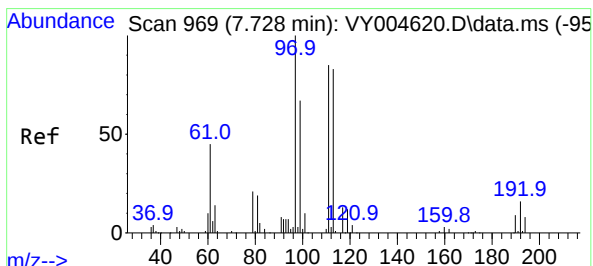
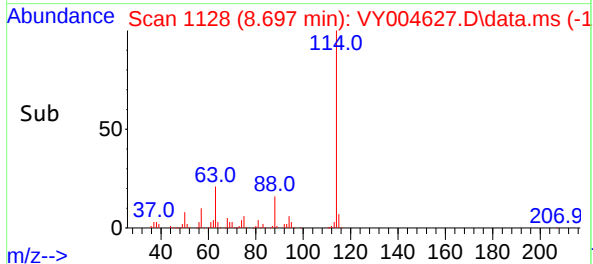
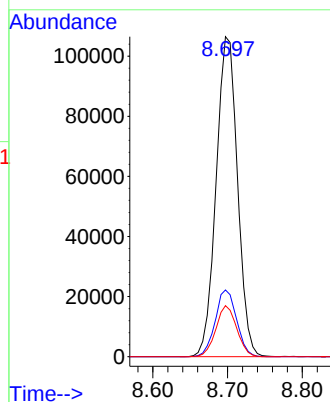
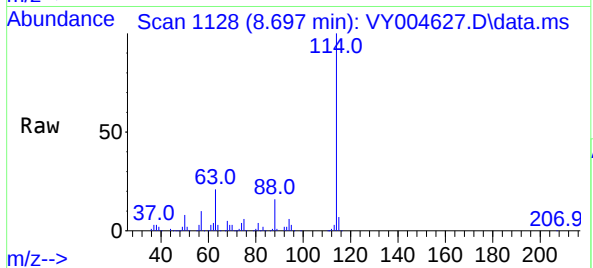


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-1

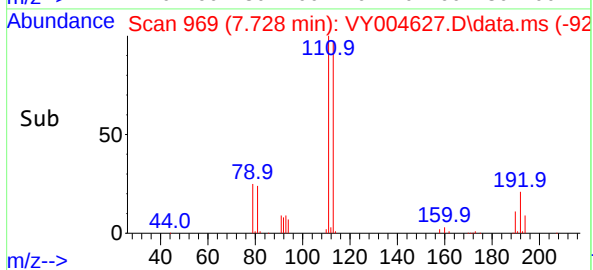
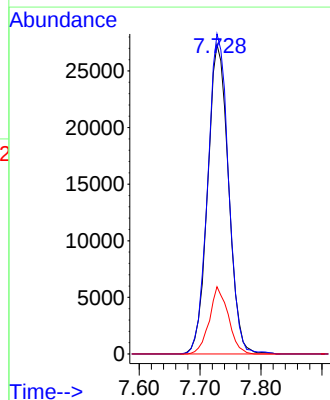
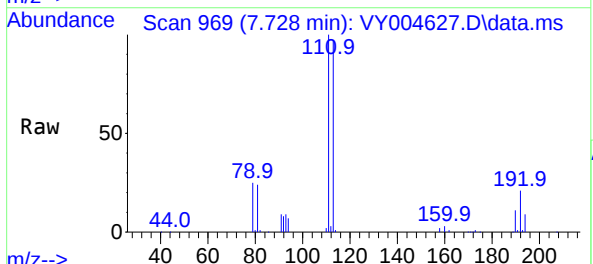
Tgt Ion:	114	Resp:	211507
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	15.9	0.0	30.8

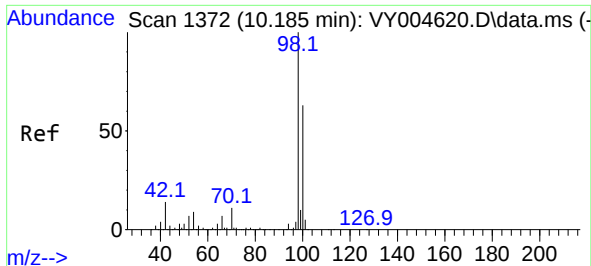


#35

Dibromofluoromethane
Concen: 55.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

Tgt Ion:	113	Resp:	64969
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.7	16.1	24.1

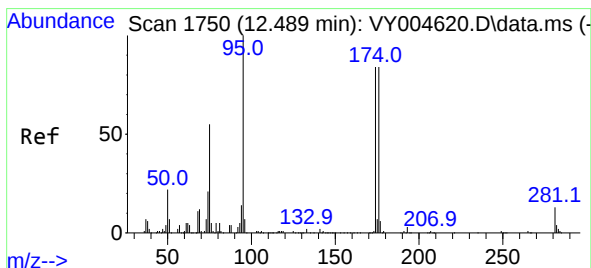
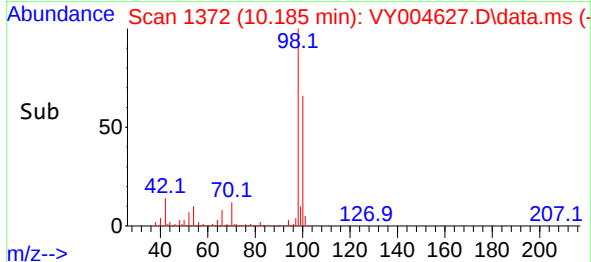
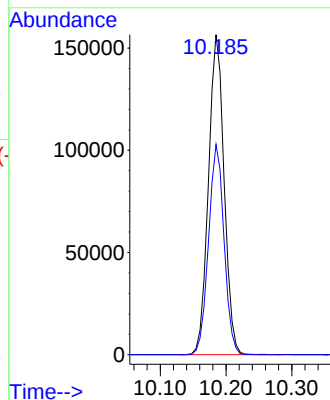
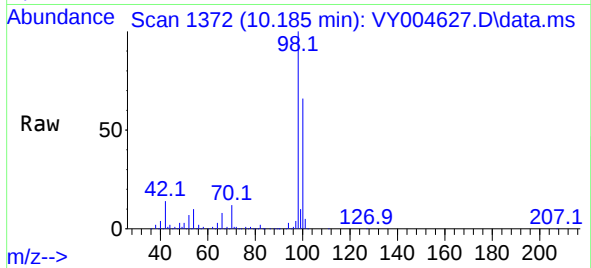




#50
Toluene-d8
Concen: 51.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

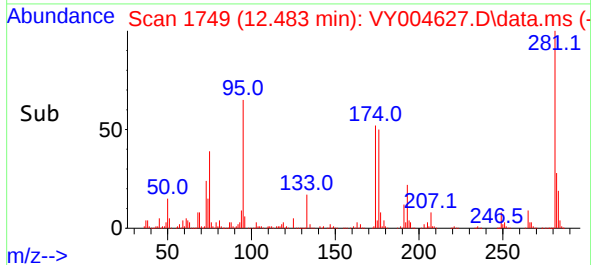
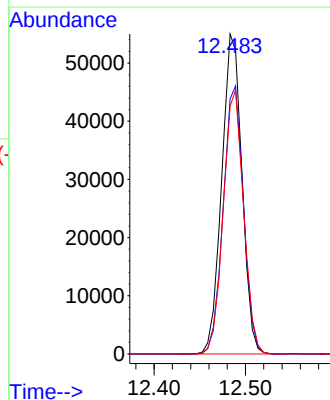
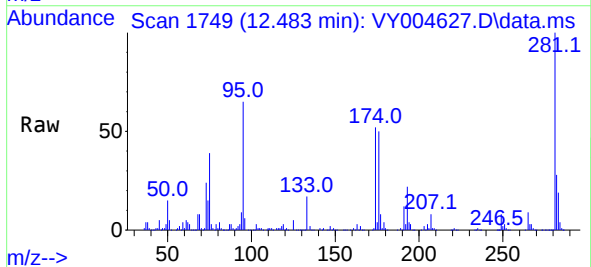
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-1

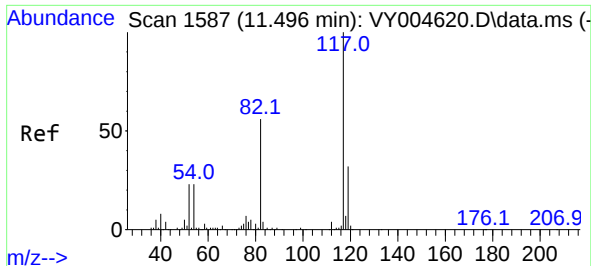
Tgt Ion: 98 Resp: 259422
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

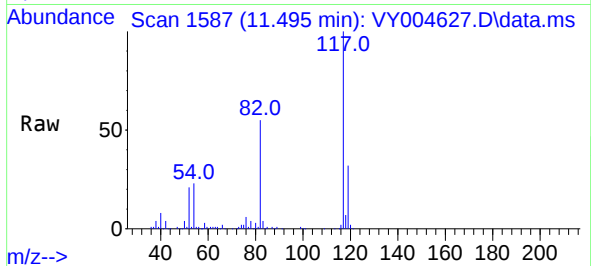
Tgt Ion: 95 Resp: 84732
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 82.4 0.0 156.0



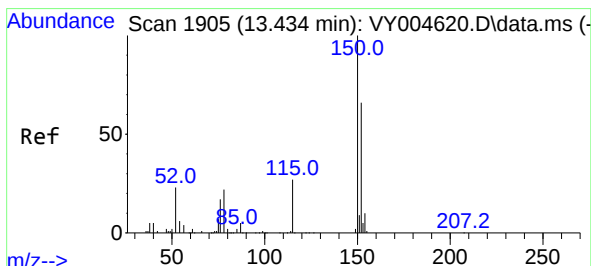
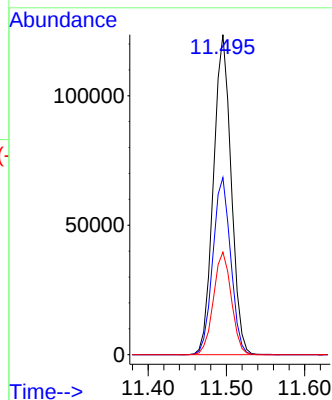
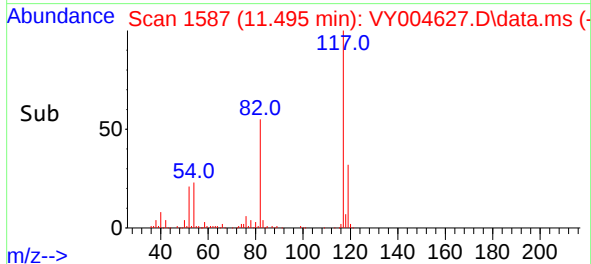


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004627.D
Acq: 26 Apr 2021 14:16

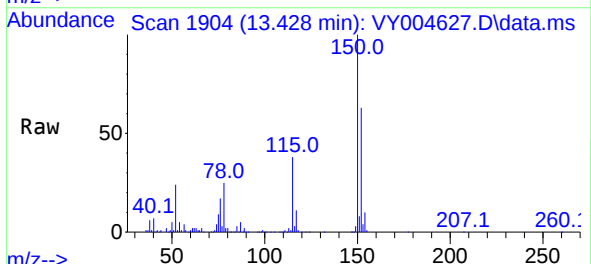
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-1



Tgt Ion:117 Resp: 194021
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.1 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: VY004627.D
Acq: 26 Apr 2021 14:16



Tgt Ion:152 Resp: 76415
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 157.0 0.0 348.4

