

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004568.D
 Acq On : 21 Apr 2021 20:02
 Operator : SY/MD
 Sample : M2090-21
 Misc : 6.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEDGWICK-VOC-13

Quant Time: Apr 22 11:21:27 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	121488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80427	59.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.16%
35) Dibromofluoromethane	7.728	113	64742	54.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.00%
50) Toluene-d8	10.185	98	262959	52.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.08%
62) 4-Bromofluorobenzene	12.483	95	81715	47.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.32%

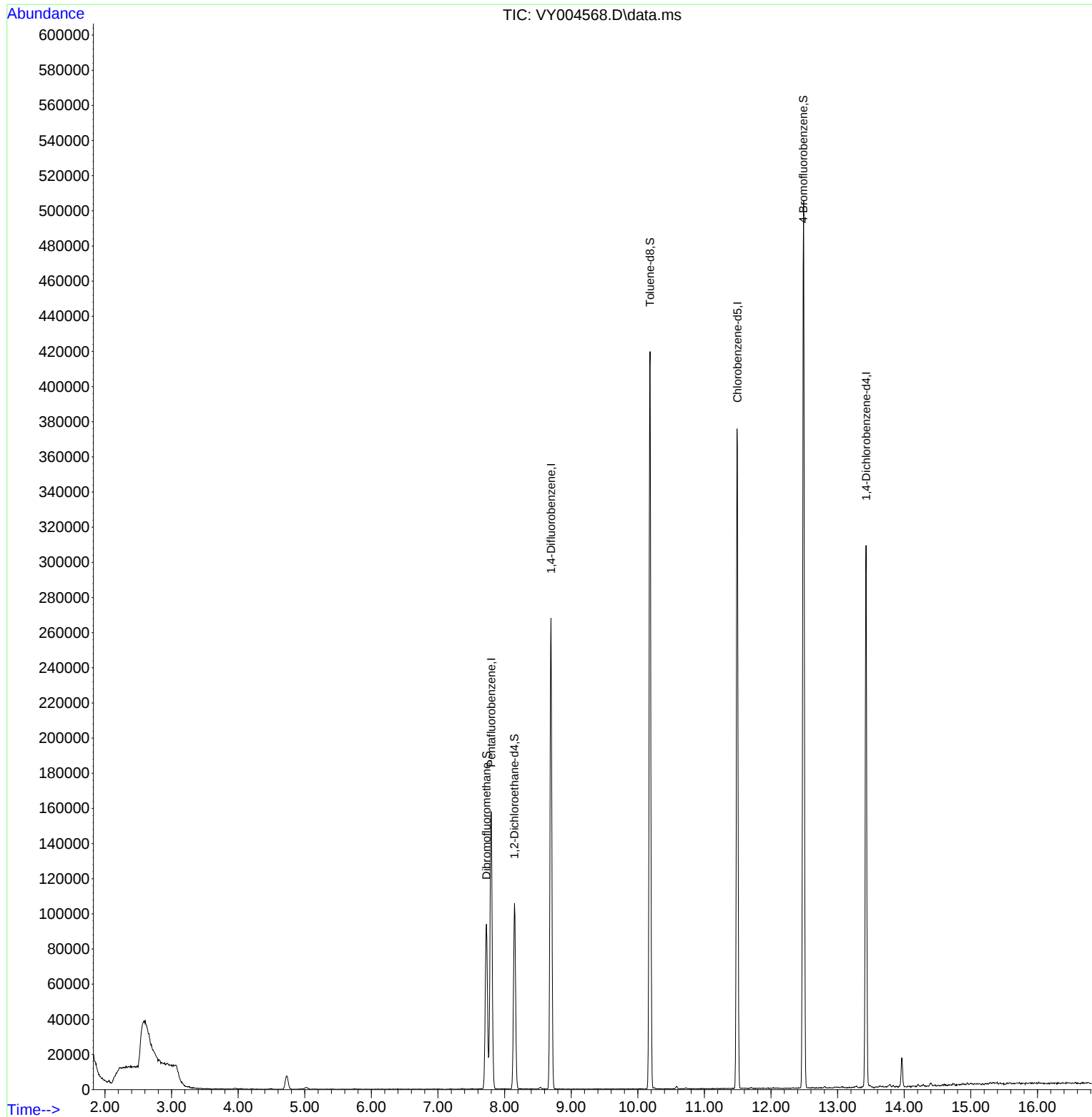
Target Compounds	Qvalue

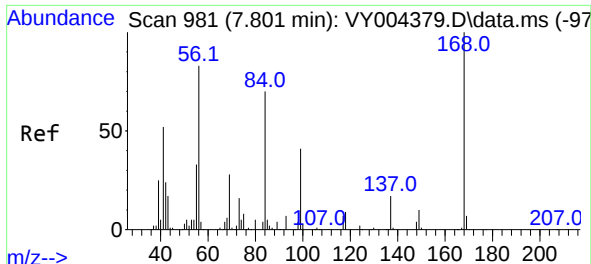
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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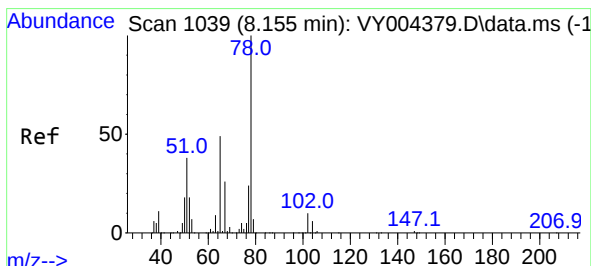
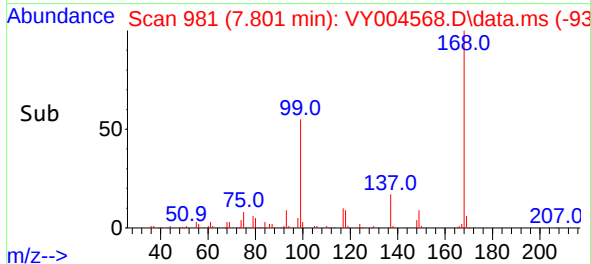
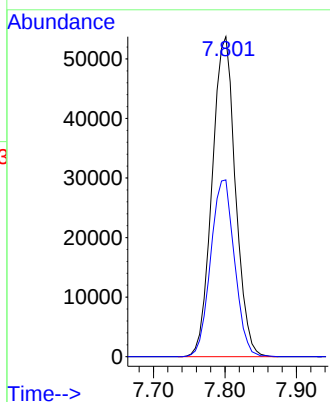
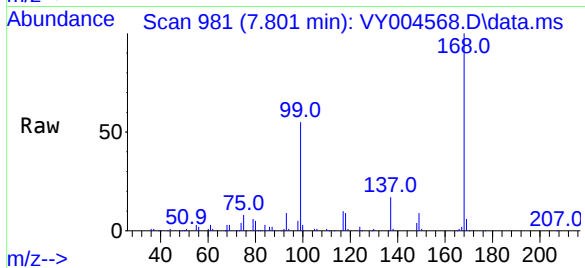




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

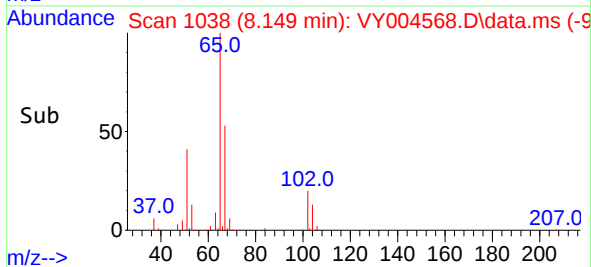
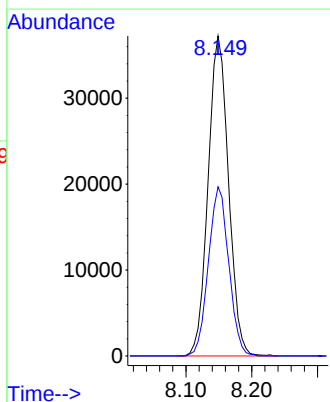
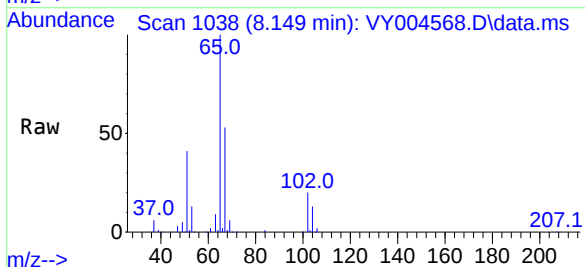
Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-13

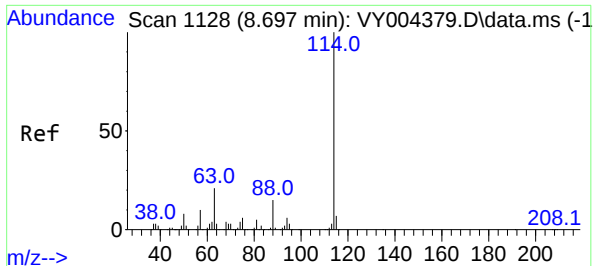
Tgt Ion:168 Resp: 121488
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 59.58 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion: 65 Resp: 80427
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

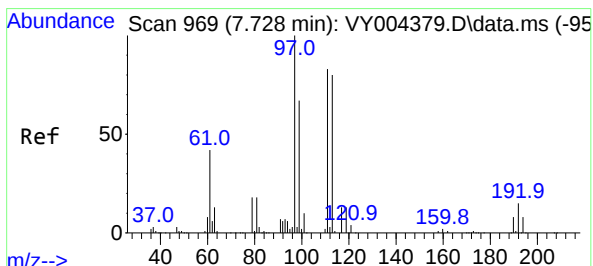
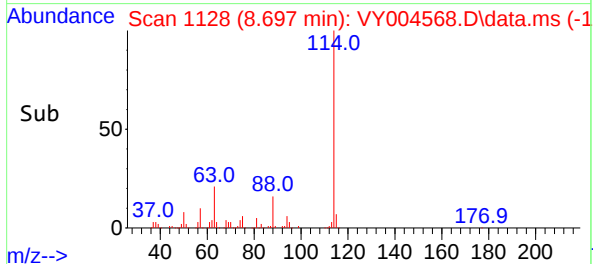
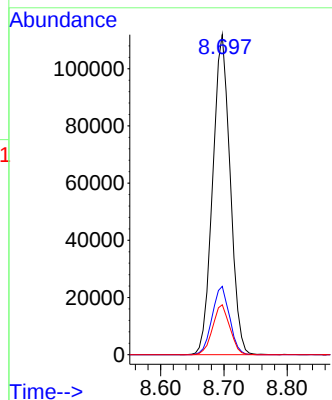
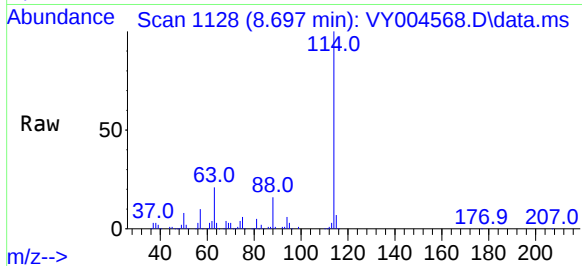




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

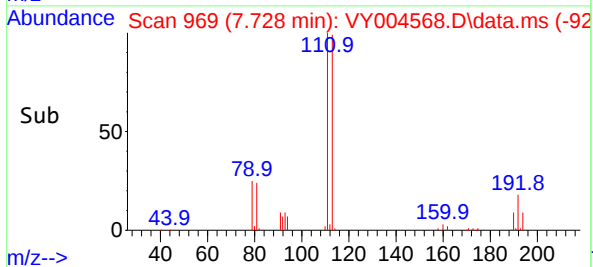
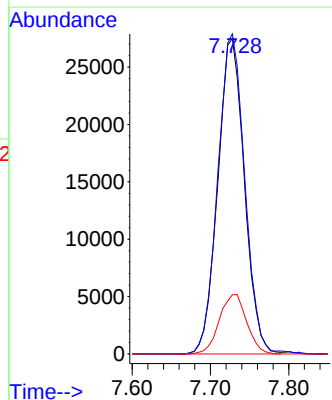
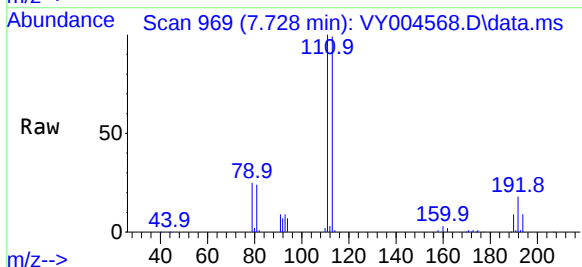
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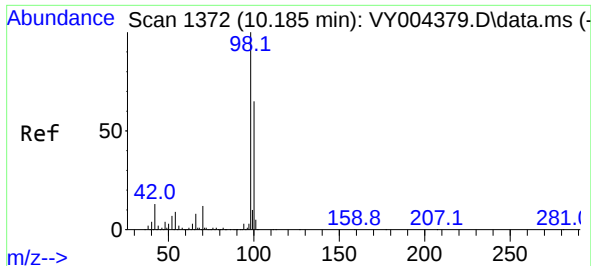
Tgt Ion:	114	Resp:	214043
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.50 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion:	113	Resp:	64742
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.4	16.1	24.1

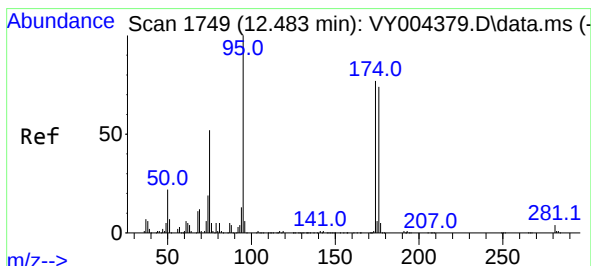
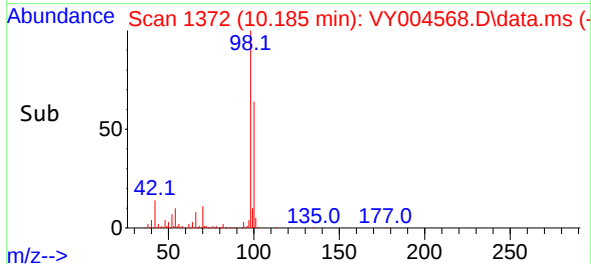
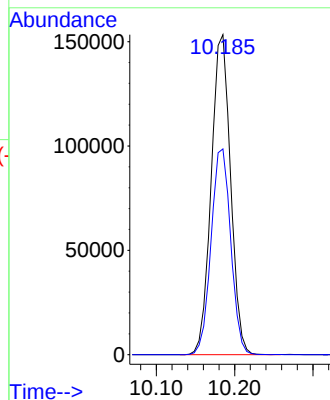
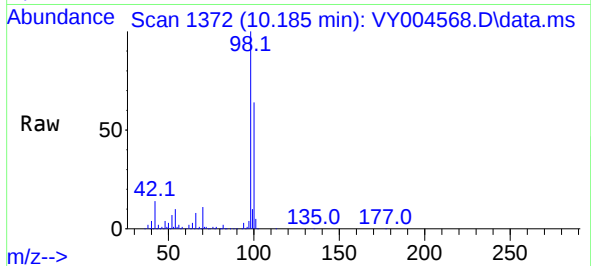




#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

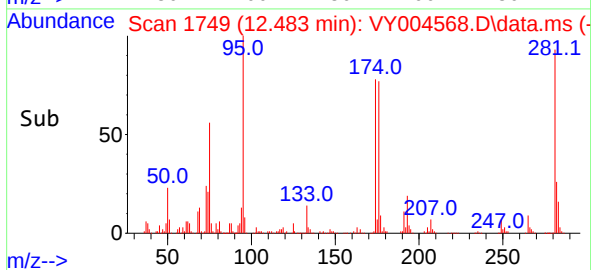
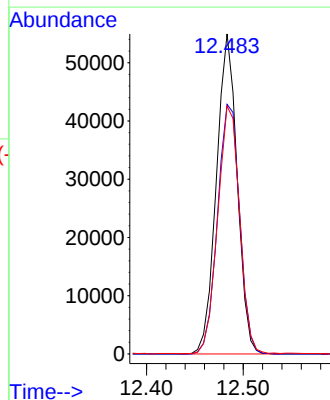
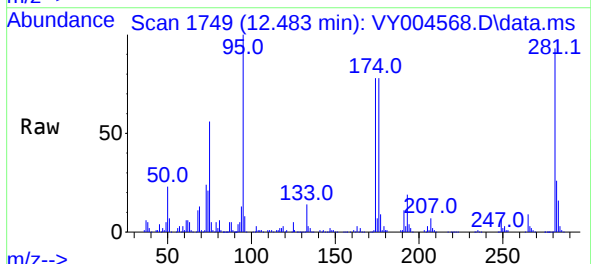
Instrument :
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ClientSampleId :
SEDGWICK-VOC-13

Tgt Ion: 98 Resp: 262959
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion: 95 Resp: 81715
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 81.4 0.0 156.0

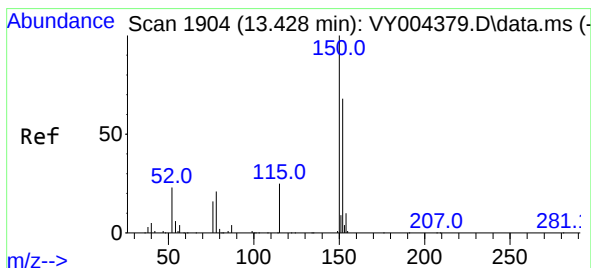
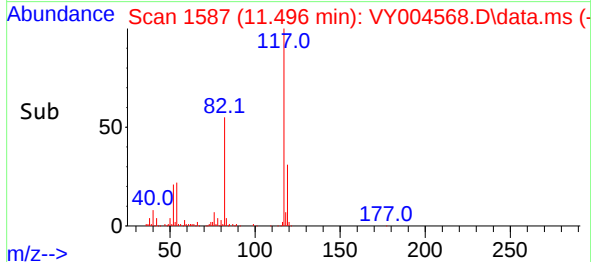
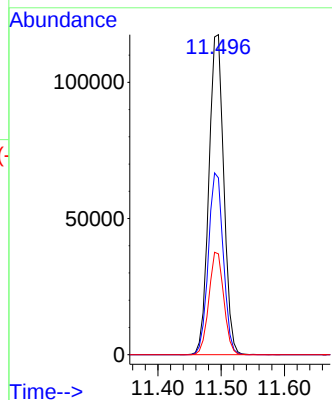
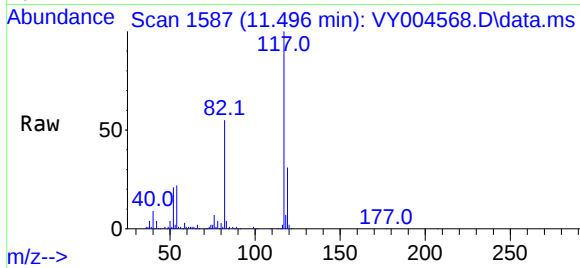




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004568.D
Acq: 21 Apr 2021 20:02

Instrument :
MSVOA_Y
ClientSampleId :
SEDGWICK-VOC-13

Tgt Ion:	117	Resp:	192961
Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	31.5	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: VY004568.D
Acq: 21 Apr 2021 20:02

Tgt Ion:	152	Resp:	73623
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	157.1	0.0	348.4

