

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004714.D
 Acq On : 04 May 2021 14:45
 Operator : SY/MD
 Sample : M2253-02
 Misc : 6.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-41772-75

Quant Time: May 05 01:34:14 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	7.795	168	162407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112220	62.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.38%
35) Dibromofluoromethane	7.722	113	86594	54.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.26%
50) Toluene-d8	10.179	98	347434	51.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.06%
62) 4-Bromofluorobenzene	12.483	95	113759	49.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.44%

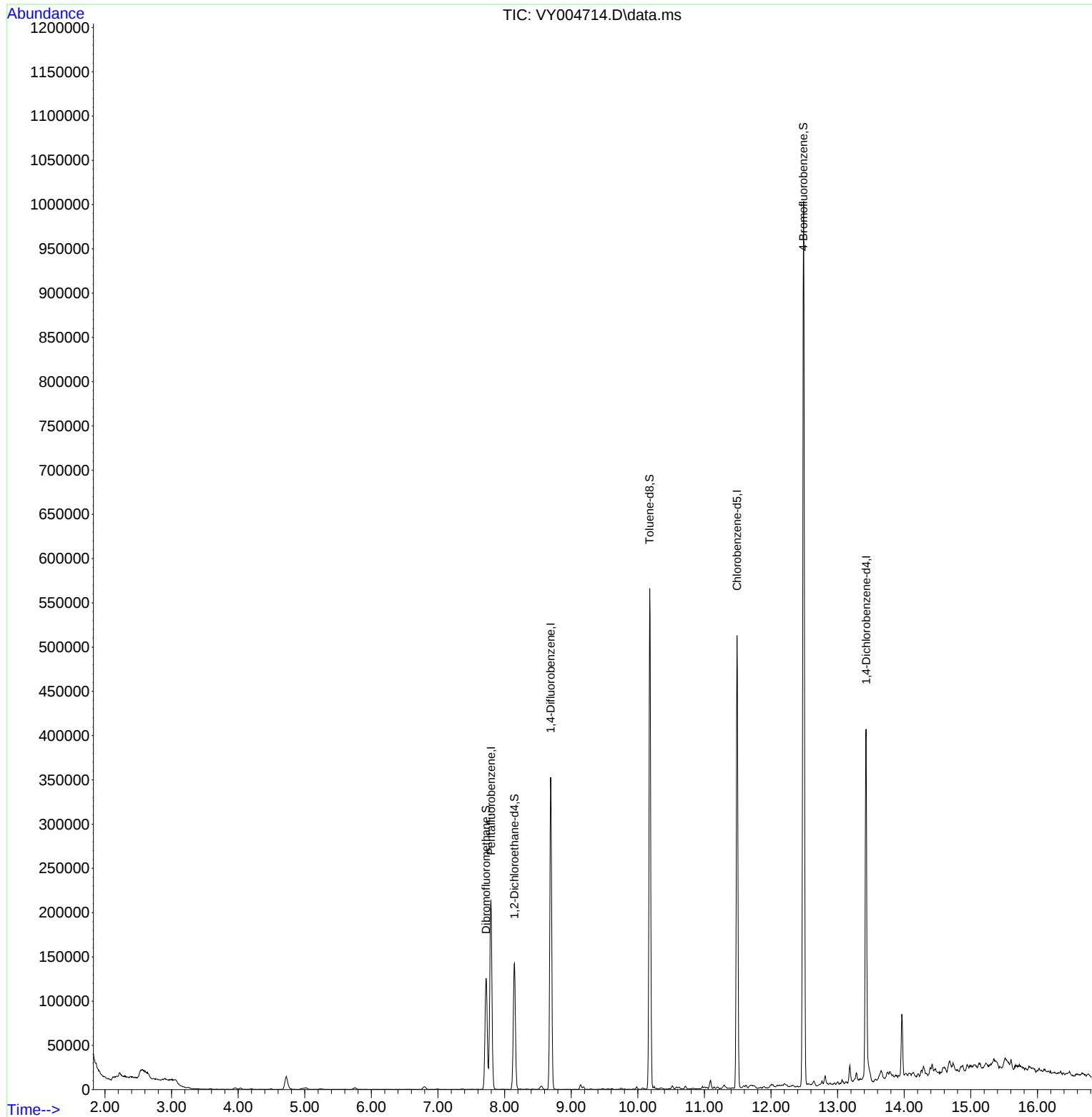
Target Compounds	Qvalue

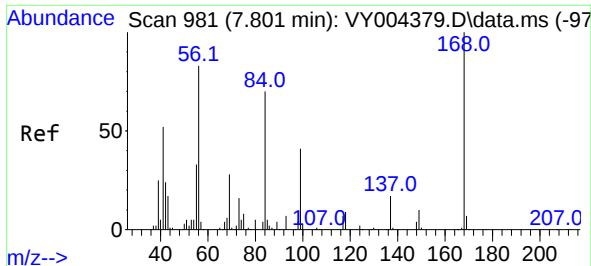
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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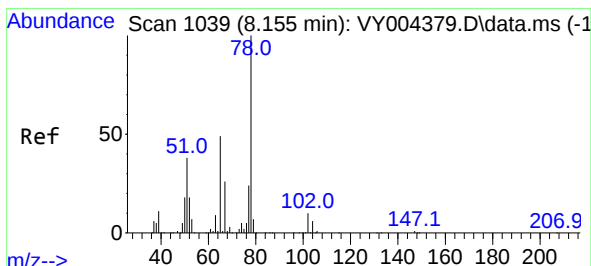
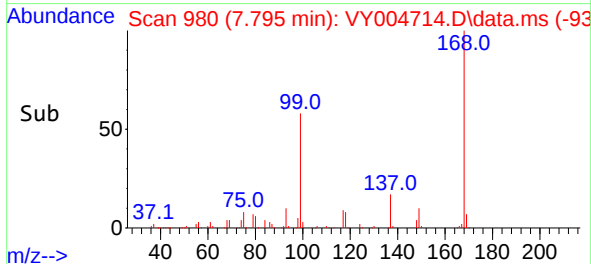
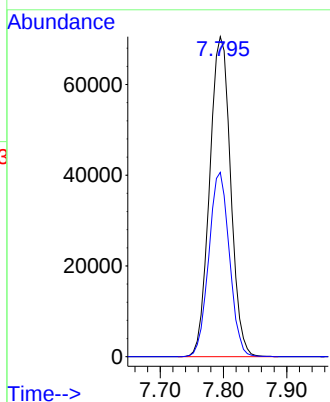
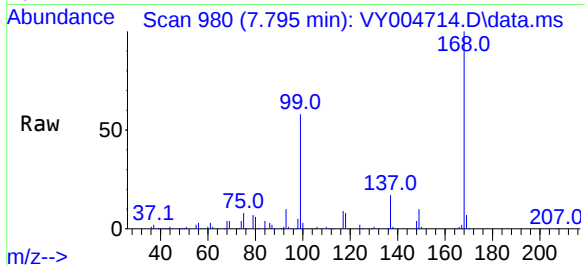




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

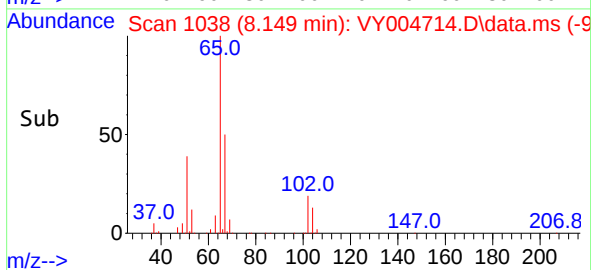
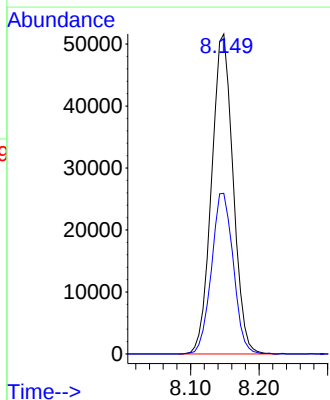
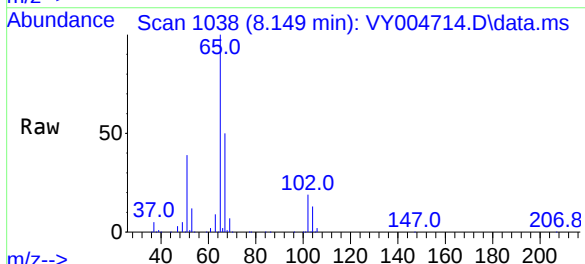
Instrument :
MSVOA_Y
ClientSampleId :
COMP-41772-75

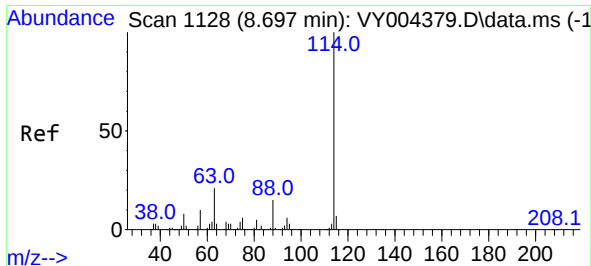
Tgt Ion:168 Resp: 162407
Ion Ratio Lower Upper
168 100
99 57.6 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 62.19 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 65 Resp: 112220
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.4



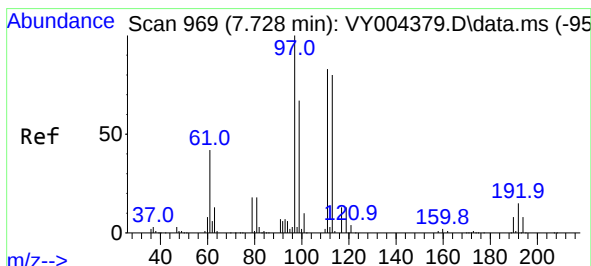
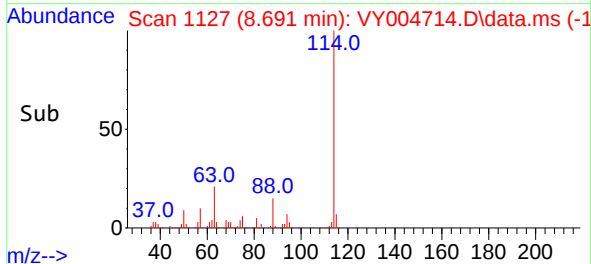
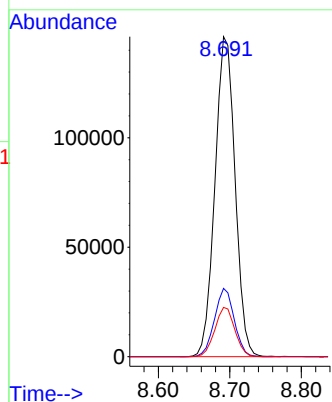
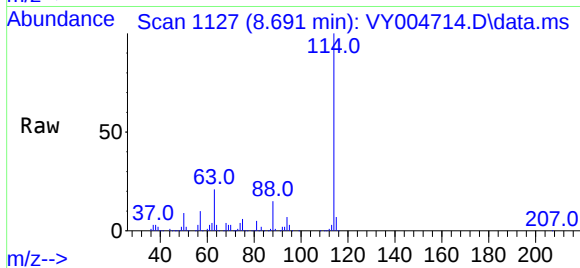


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :
COMP-41772-75

Tgt Ion:114 Resp: 285627

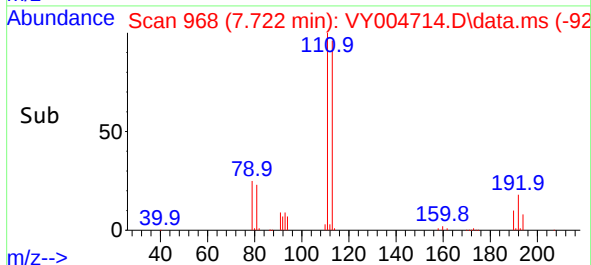
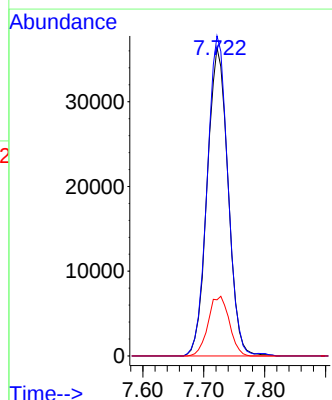
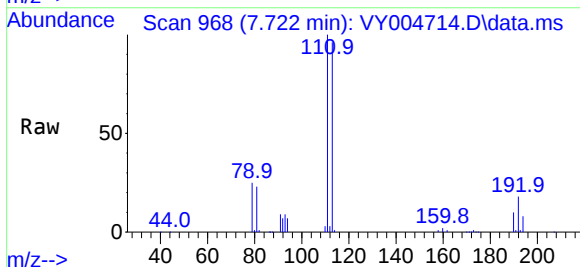
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	15.4	0.0	30.8

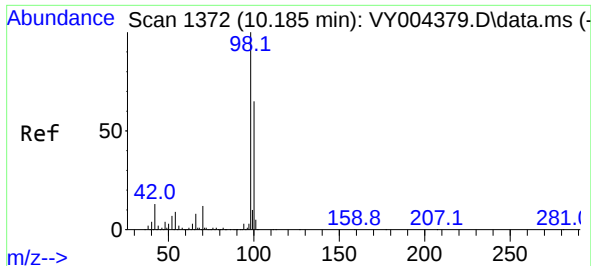


#35
Dibromofluoromethane
Concen: 54.63 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion:113 Resp: 86594

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.6	16.1	24.1

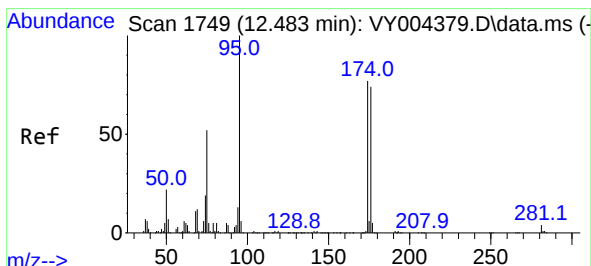
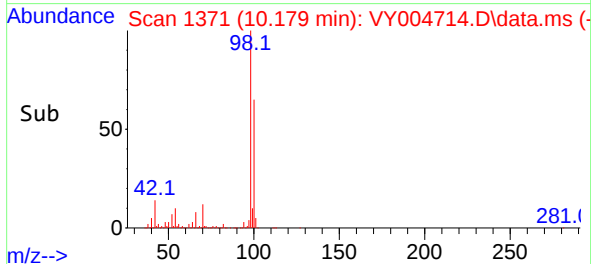
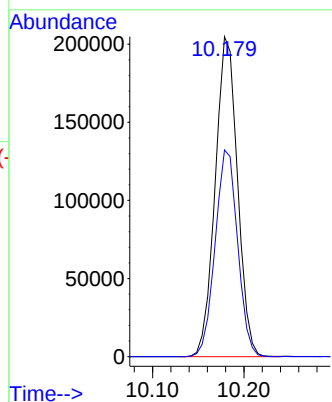
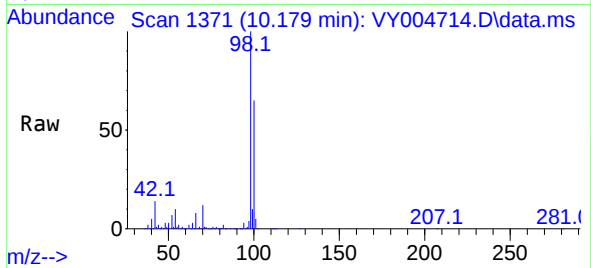




#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

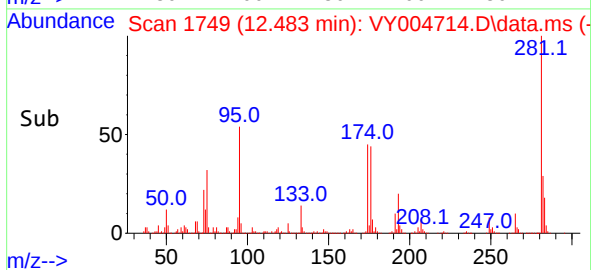
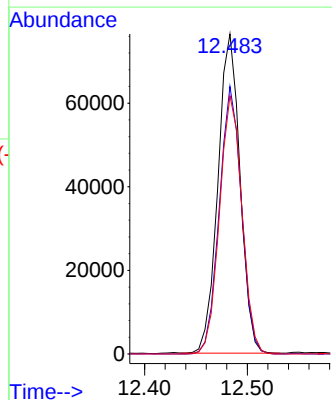
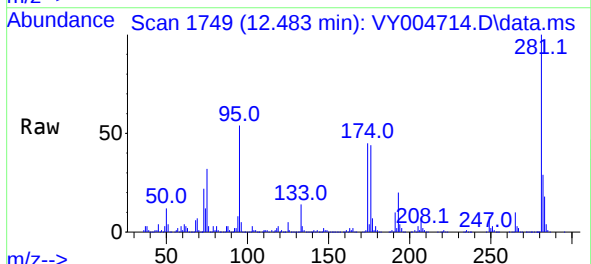
Instrument :
MSVOA_Y
ClientSampleId :
COMP-41772-75

Tgt Ion: 98 Resp: 347434
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion: 95 Resp: 113759
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 82.1 0.0 156.0

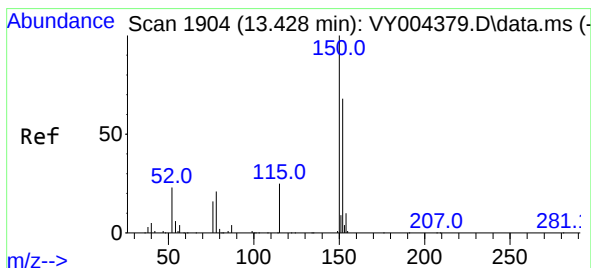
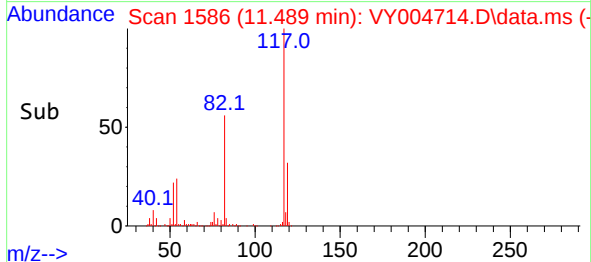
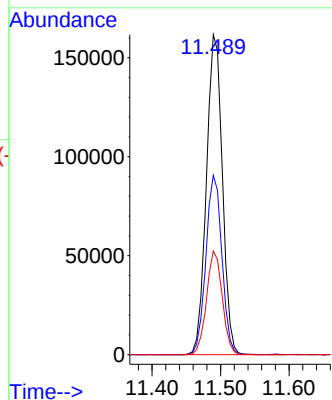
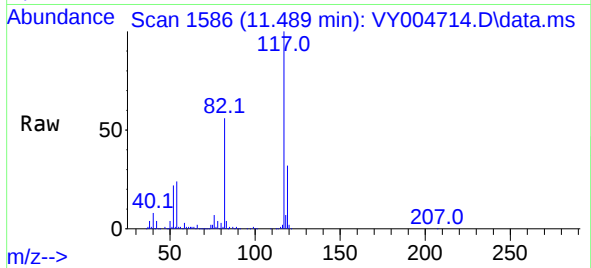




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004714.D
Acq: 04 May 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :
COMP-41772-75

Tgt Ion:117 Resp: 262495
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.4 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: VY004714.D
Acq: 04 May 2021 14:45

Tgt Ion:152 Resp: 96651
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 157.0 0.0 348.4

