

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005466.D
 Acq On : 27 Jul 2021 15:51
 Operator : SY/MD
 Sample : M3194-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-072621

Quant Time: Jul 28 02:34:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	2578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	5057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2658	96.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	193.020%#
35) Dibromofluoromethane	7.722	113	1340	45.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.185	98	6043	48.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.483	95	2231	54.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.240%

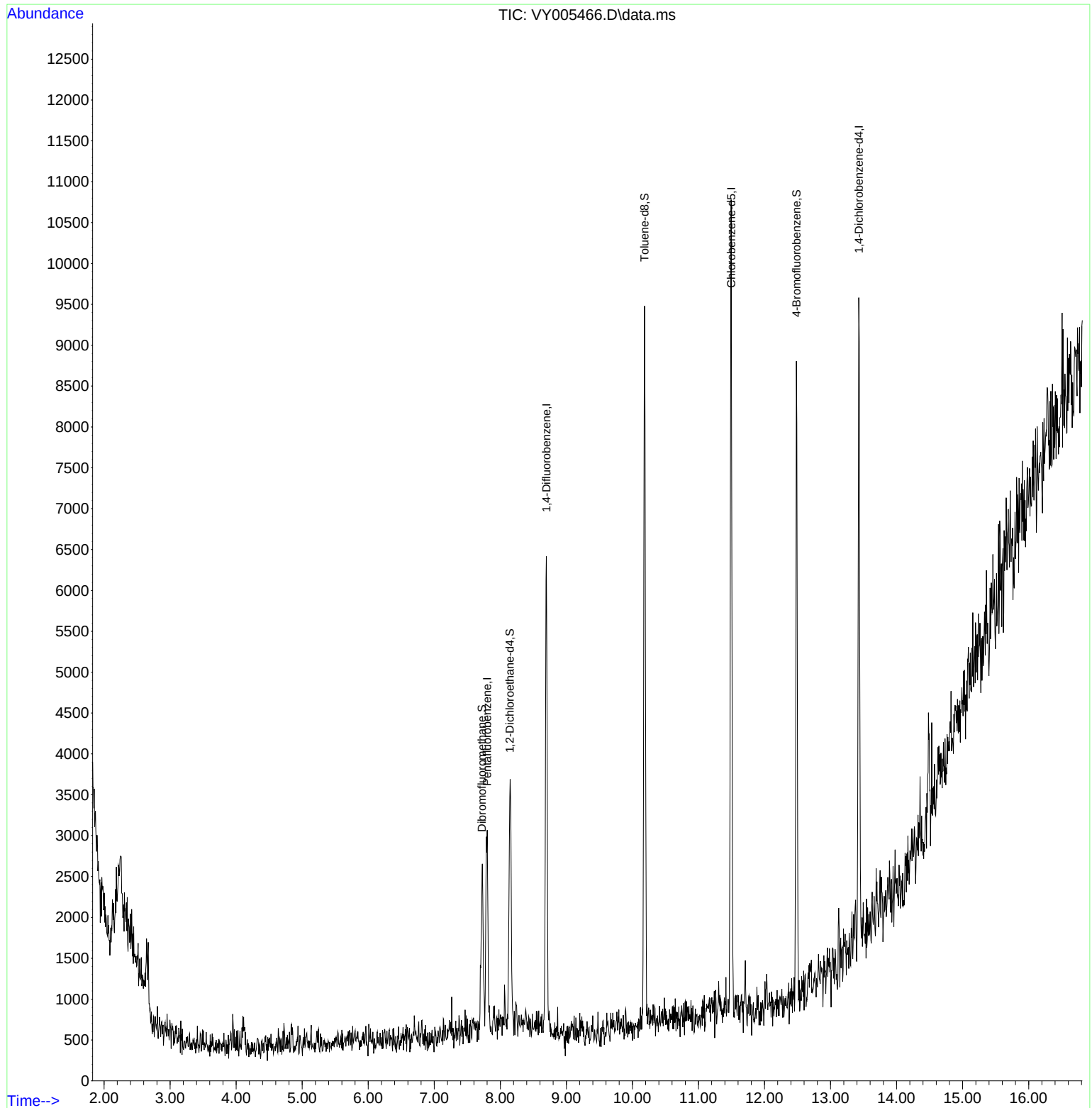
Target Compounds	Qvalue

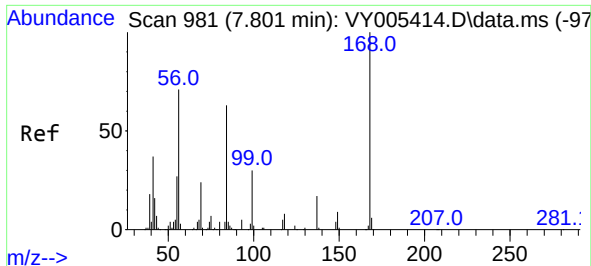
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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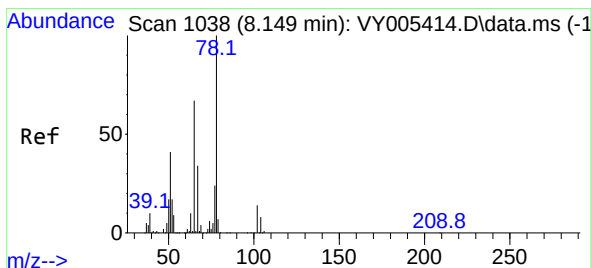
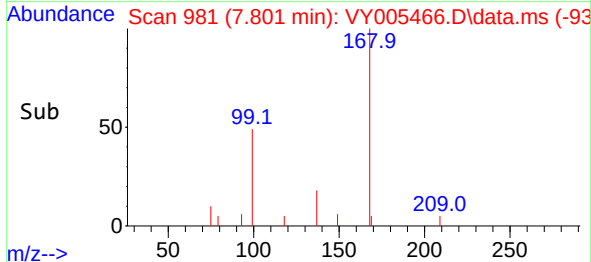
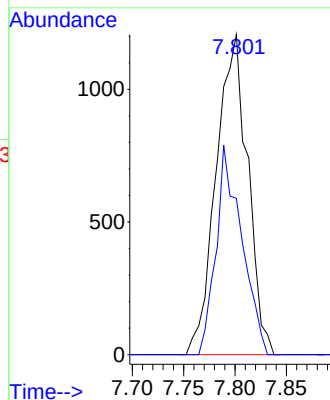
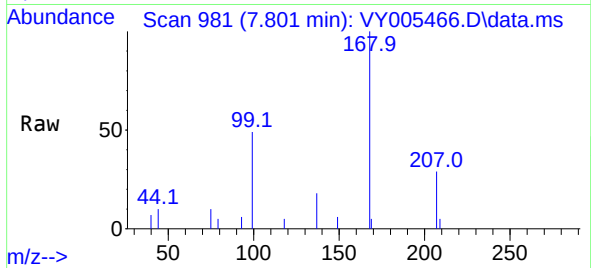




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

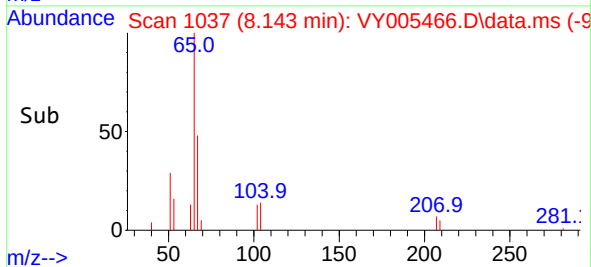
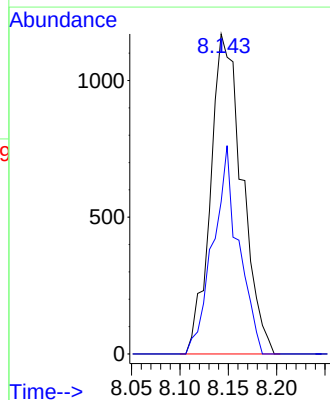
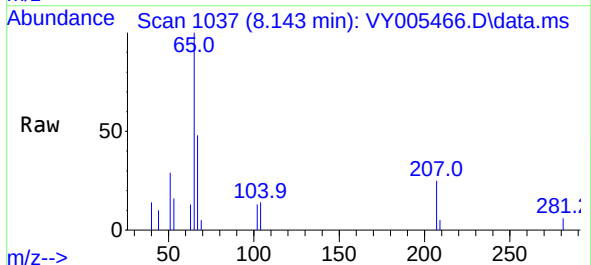
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072621

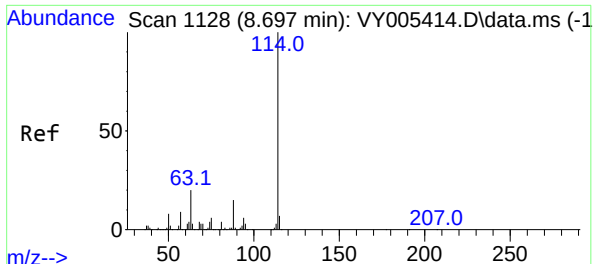
Tgt Ion:168 Resp: 2578
Ion Ratio Lower Upper
168 100
99 48.8 39.8 59.6



#33
1,2-Dichloroethane-d4
Concen: 96.508 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

Tgt Ion: 65 Resp: 2658
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.2



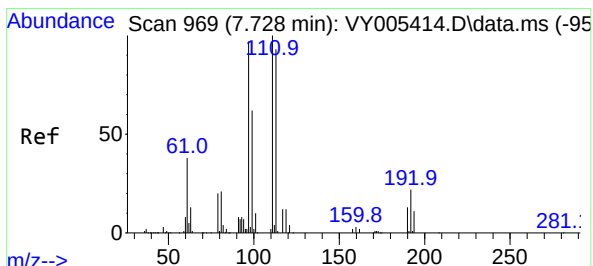
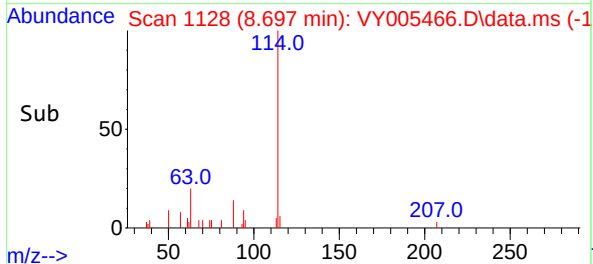
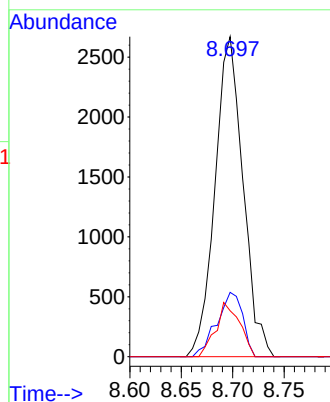
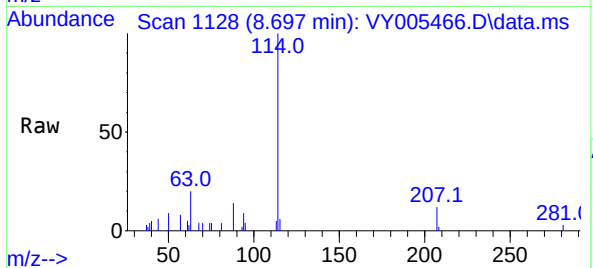


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

Instrument :
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JC-03-072621

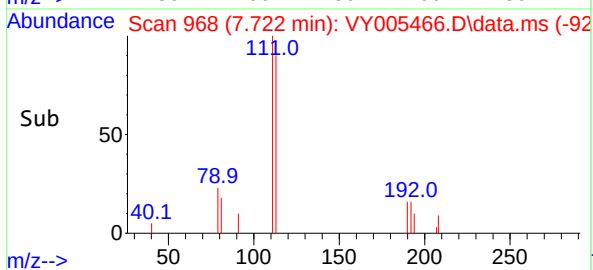
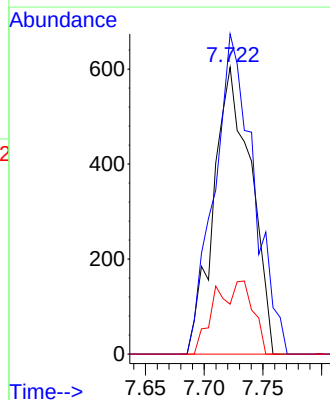
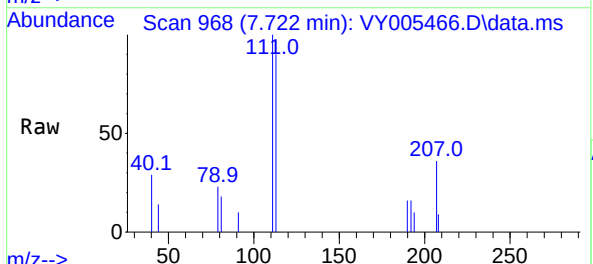
Tgt Ion:	114	Resp:	5057
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	14.3	0.0	30.8

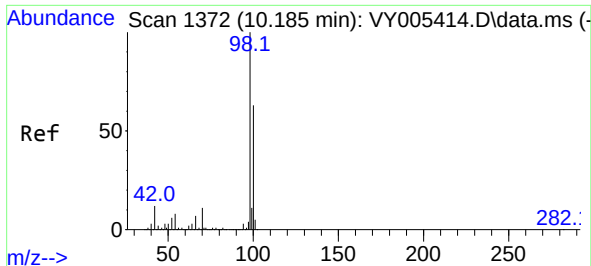


#35

Dibromofluoromethane
Concen: 45.891 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

Tgt Ion:	113	Resp:	1340
Ion	Ratio	Lower	Upper
113	100		
111	116.9	82.6	124.0
192	25.9	18.9	28.3

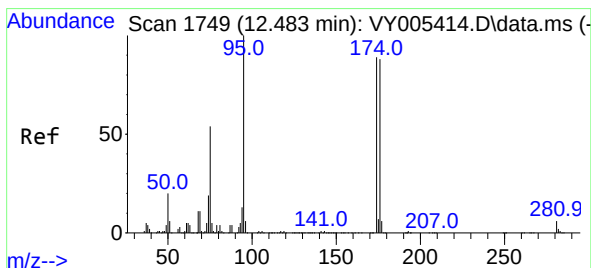
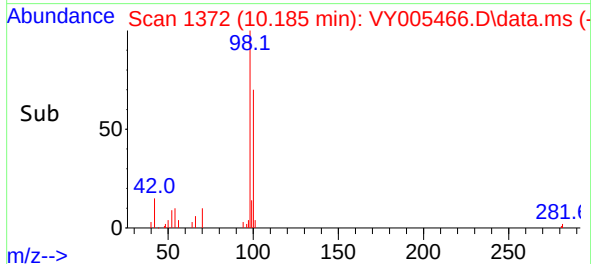
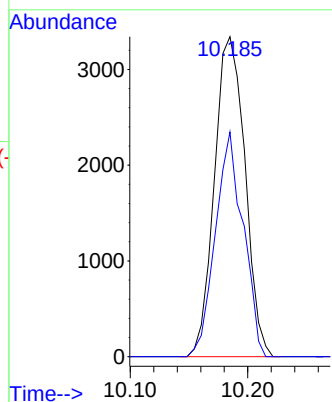
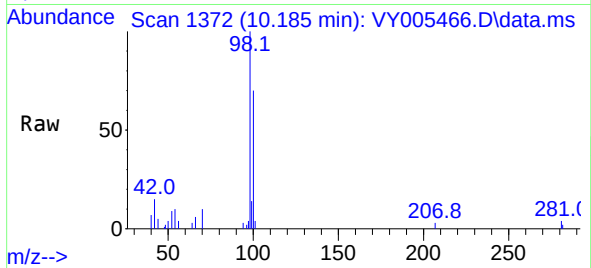




#50
Toluene-d8
Concen: 48.829 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

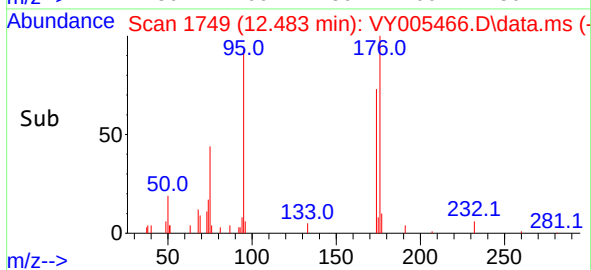
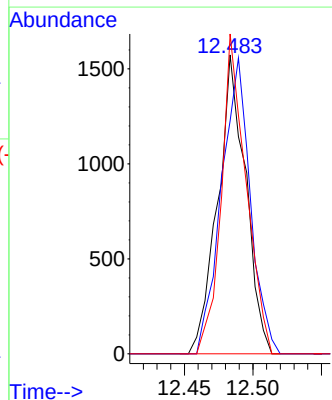
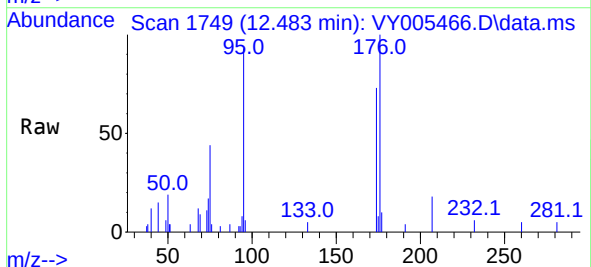
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072621

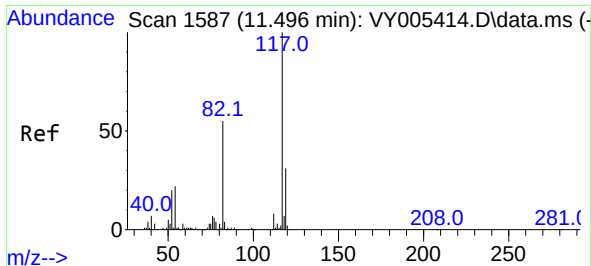
Tgt Ion: 98 Resp: 6043
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

Tgt Ion: 95 Resp: 2231
Ion Ratio Lower Upper
95 100
174 102.6 0.0 186.6
176 94.7 0.0 182.4

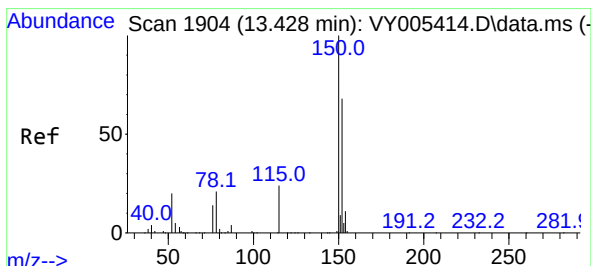
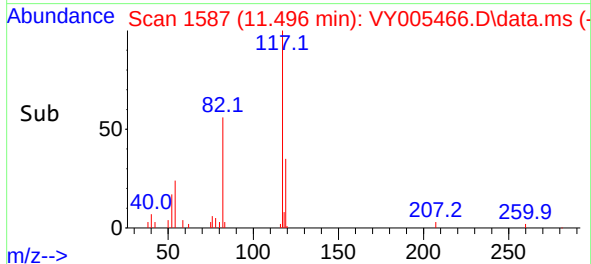
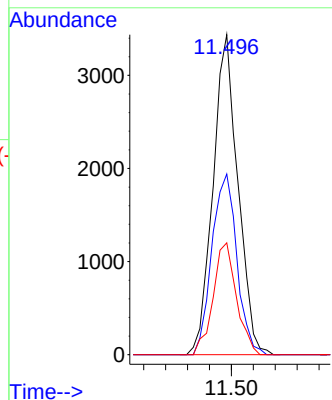
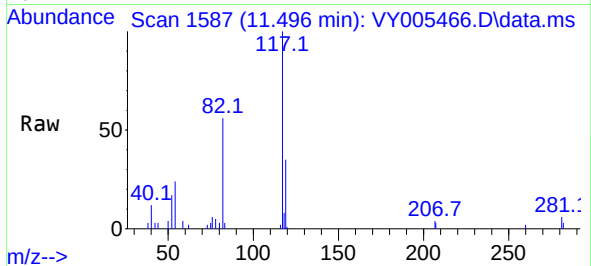




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	5415
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.8	65.6
119	35.0	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005466.D
Acq: 27 Jul 2021 15:51

Tgt Ion:	152	Resp:	2252
Ion	Ratio	Lower	Upper
152	100		
115	57.6	27.7	83.1
150	145.1	0.0	349.6

