

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004469.D
 Acq On : 16 Apr 2021 14:59
 Operator : SY/MD
 Sample : M2050-05
 Misc : 5.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Apr 17 00:54:45 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)

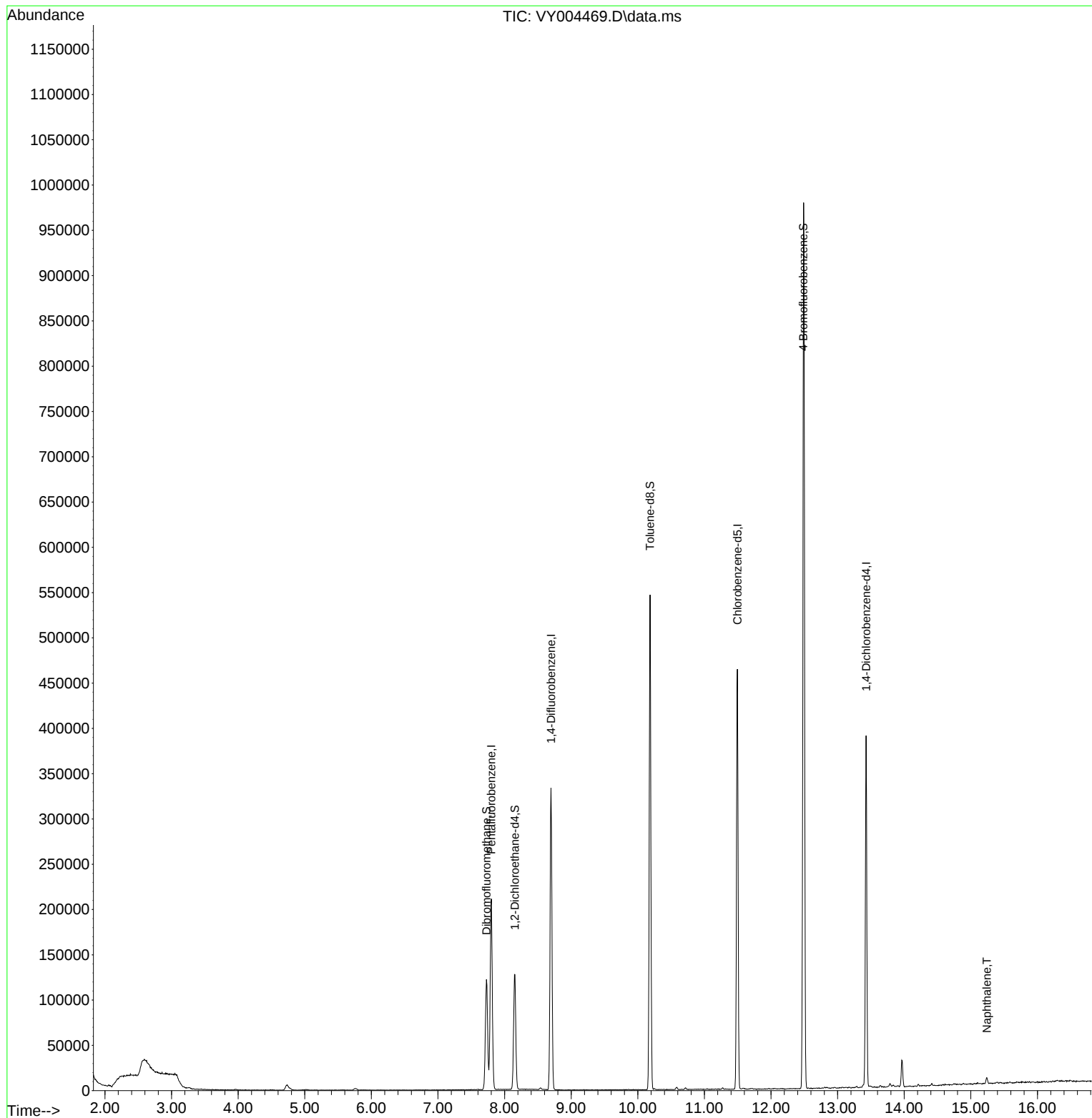
Internal Standards						
1) Pentafluorobenzene	7.801	168	157665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	100227	57.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.44%
35) Dibromofluoromethane	7.728	113	84231	55.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.34%
50) Toluene-d8	10.185	98	333178	51.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.54%
62) 4-Bromofluorobenzene	12.483	95	103169	47.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.48%
Target Compounds						
95) Naphthalene	15.239	128	5266	1.42	ug/l	Qvalue 99

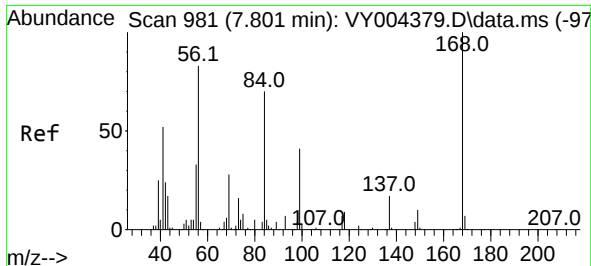
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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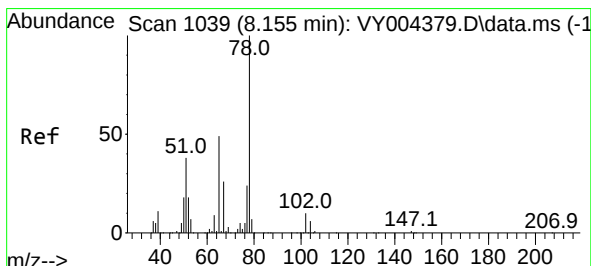
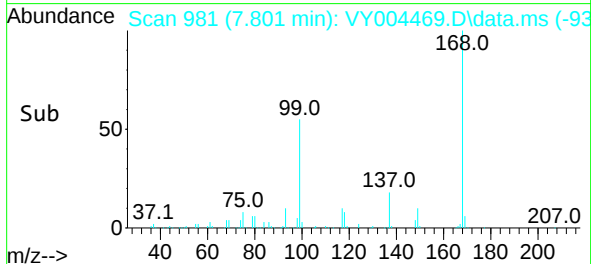
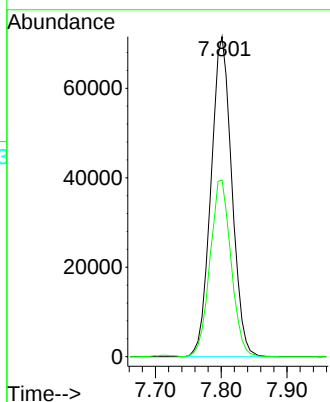
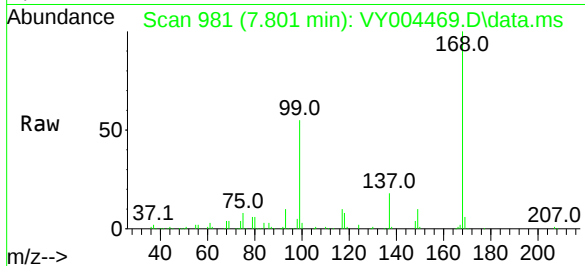




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

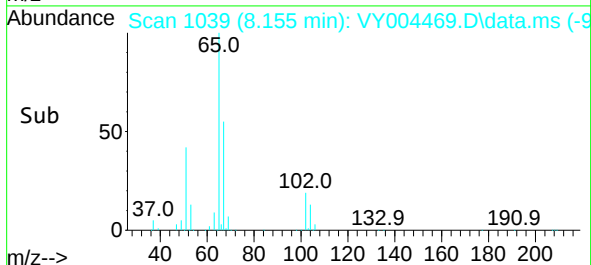
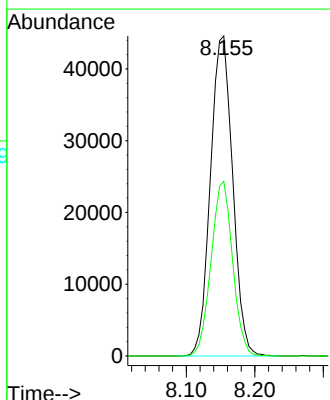
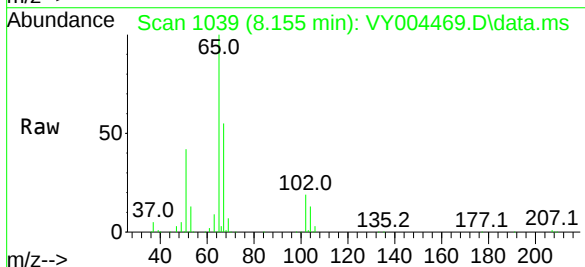
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

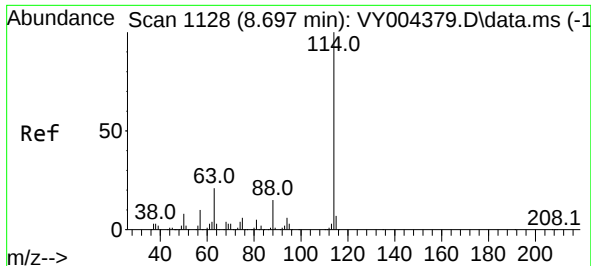
Tgt Ion:168 Resp: 157665
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 57.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

Tgt Ion: 65 Resp: 100227
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4

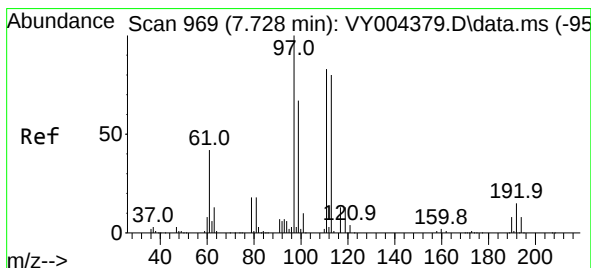
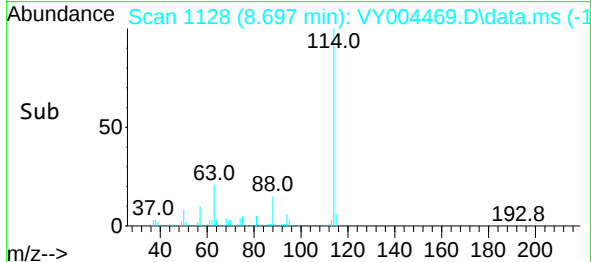
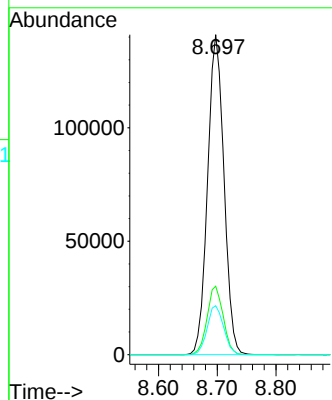
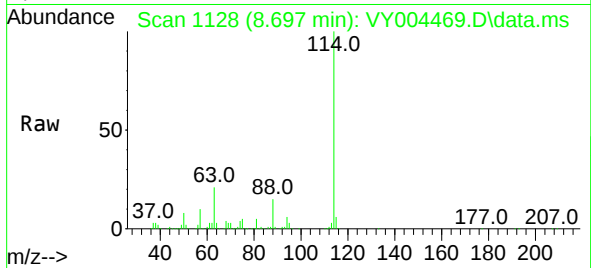




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

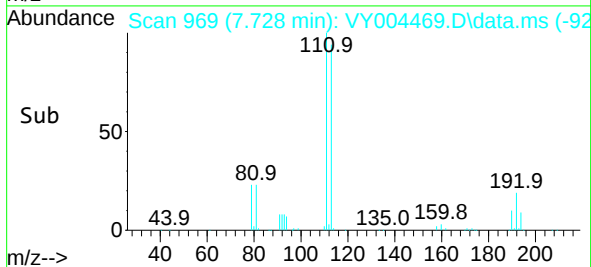
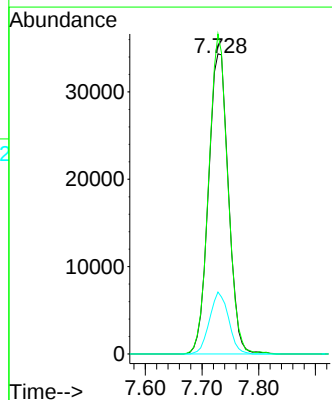
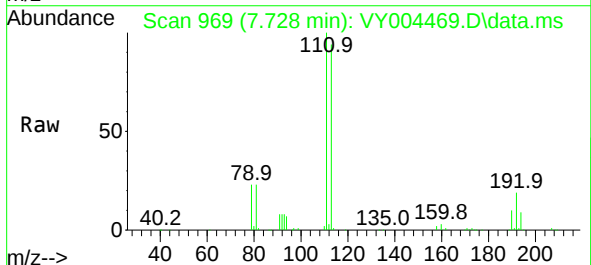
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

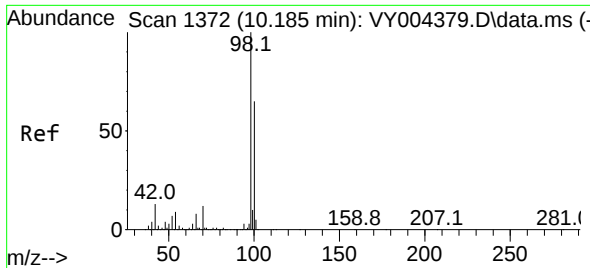
Tgt Ion:	114	Resp:	272623
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	42.4
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

Tgt Ion:	113	Resp:	84231
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.6	123.8
192	19.6	16.1	24.1

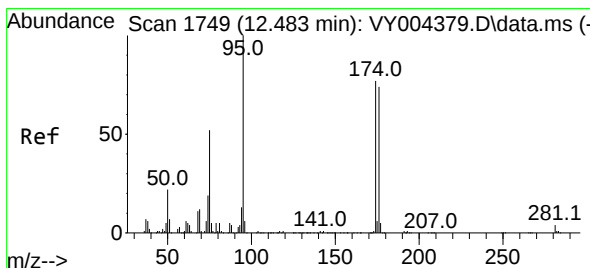
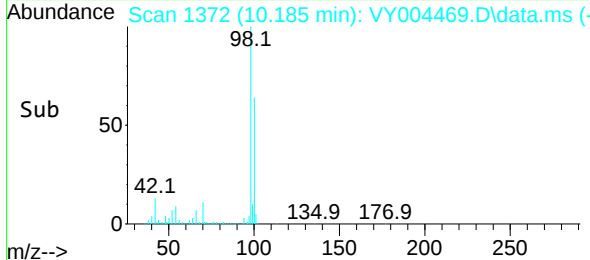
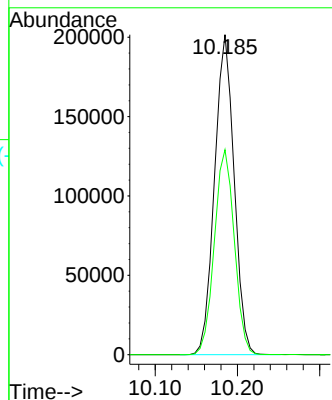
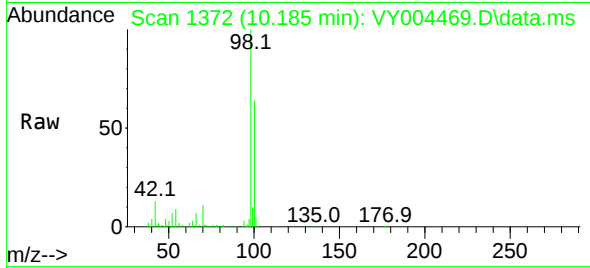




#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

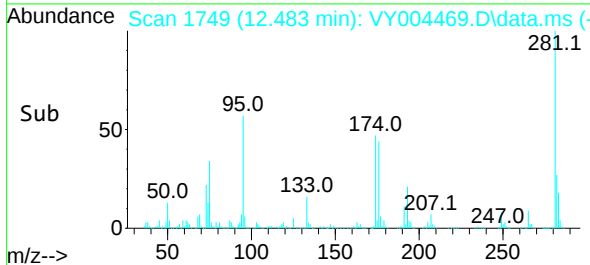
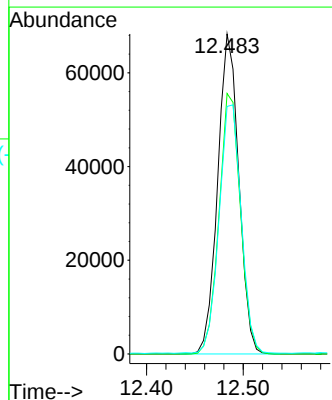
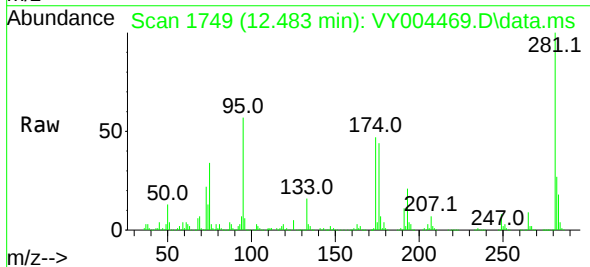
Instrument :
MSVOA_Y
ClientSampled :
TP-9

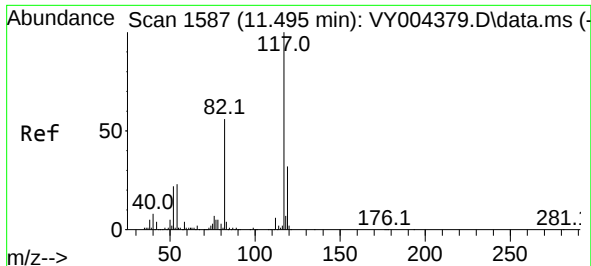
Tgt Ion: 98 Resp: 333178
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

Tgt Ion: 95 Resp: 103169
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 81.4 0.0 156.0

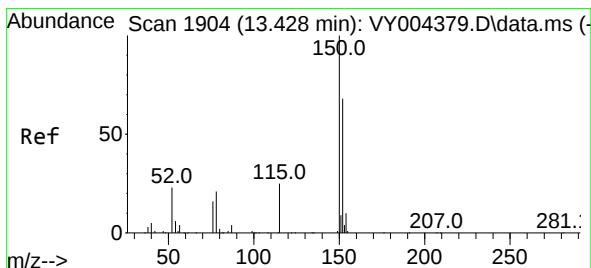
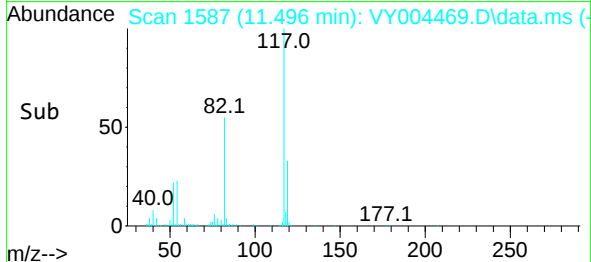
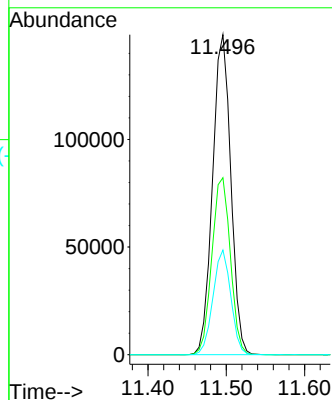
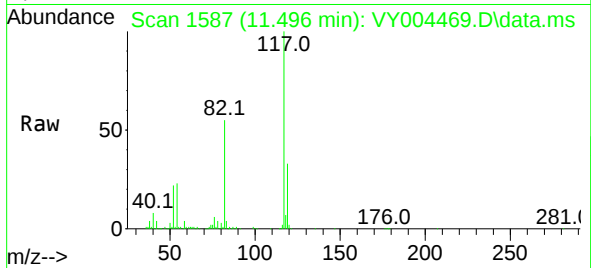




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

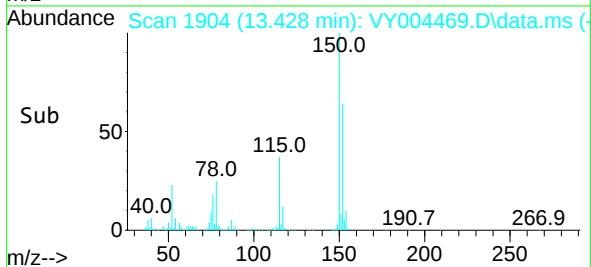
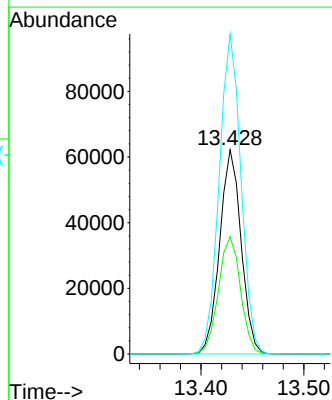
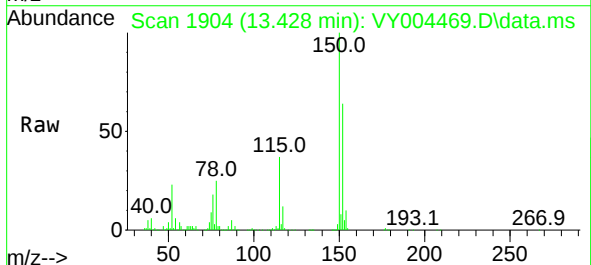
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

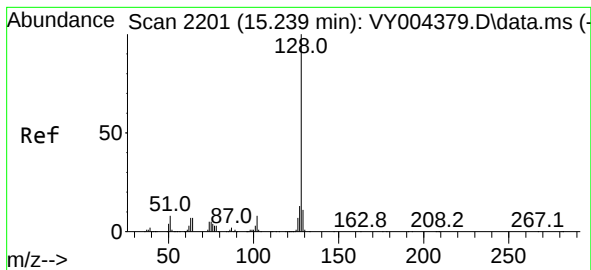
Tgt Ion:117 Resp: 240306
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

Tgt Ion:152 Resp: 90126
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 158.8 0.0 348.4





#95
Naphthalene
Concen: 1.42 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004469.D
Acq: 16 Apr 2021 14:59

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tgt Ion:128 Resp: 5266
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.8 13.2

