

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011531.D
 Acq On : 21 Nov 2022 17:59
 Operator : KP/MD
 Sample : N5731-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RIGHT-SIDE

Quant Time: Nov 22 01:47:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

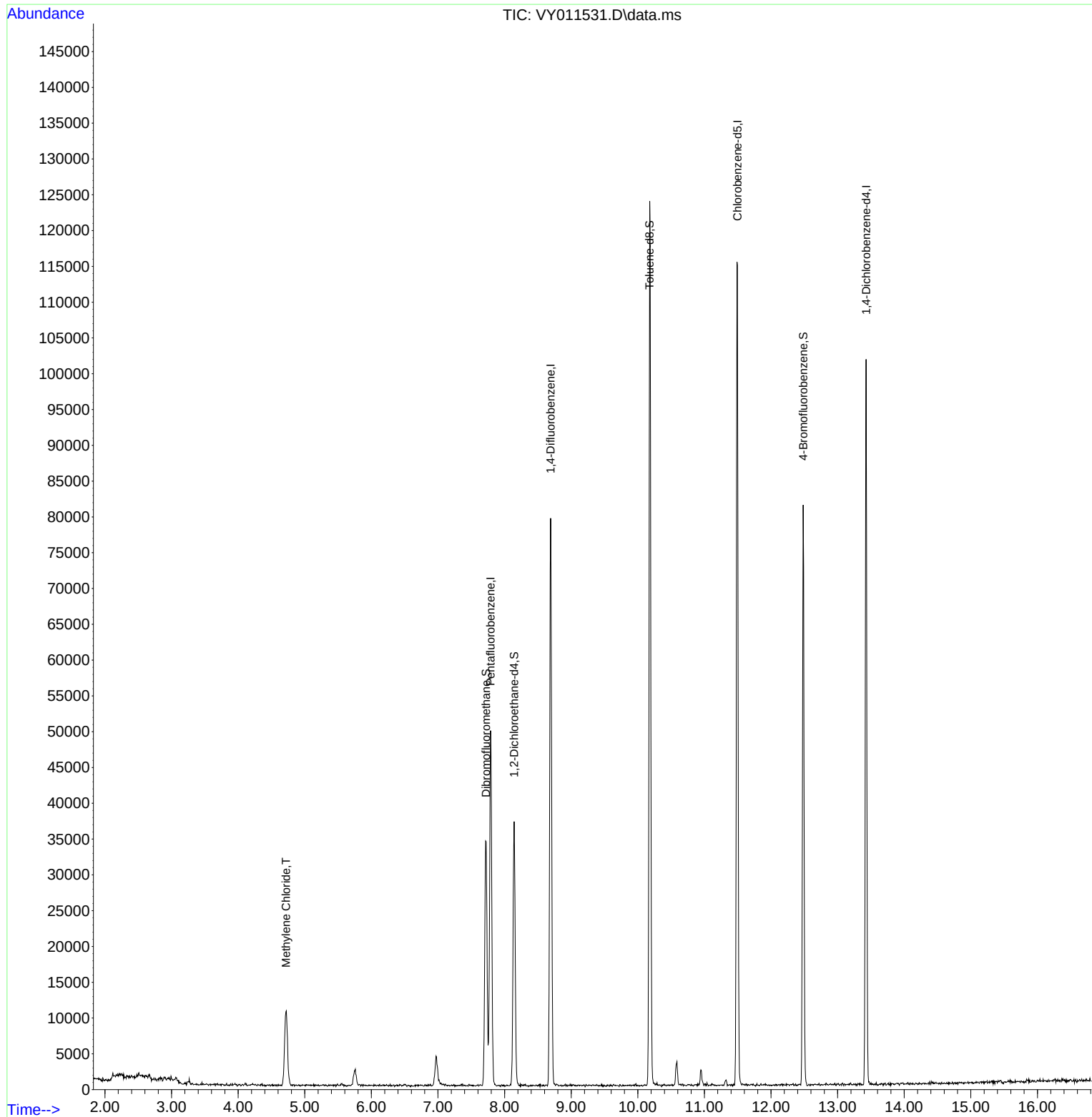
Internal Standards						
1) Pentafluorobenzene	7.789	168	37307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	64541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28835	76.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.240%
35) Dibromofluoromethane	7.722	113	25463	61.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.540%
50) Toluene-d8	10.179	98	81906	54.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.483	95	23884	43.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.260%
Target Compounds						
20) Methylene Chloride	4.716	84	7485	6.943	ug/l	88

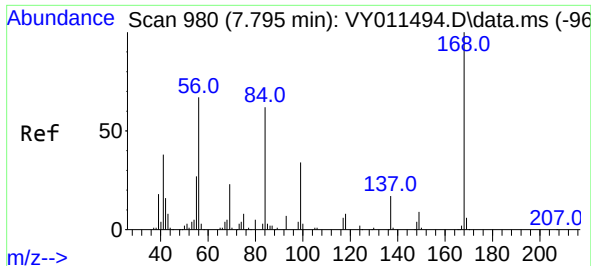
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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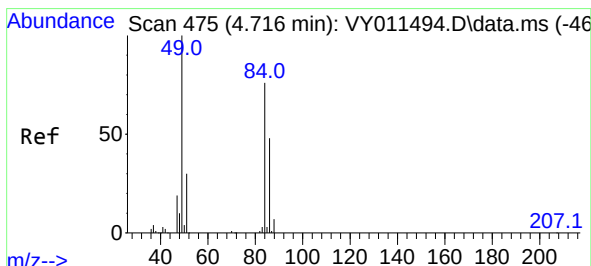
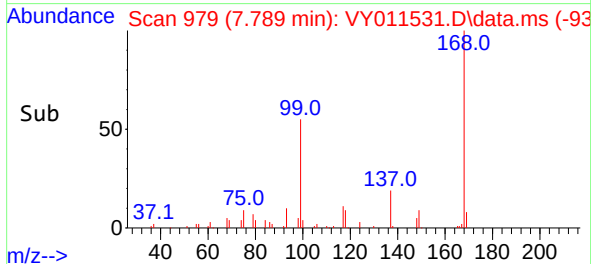
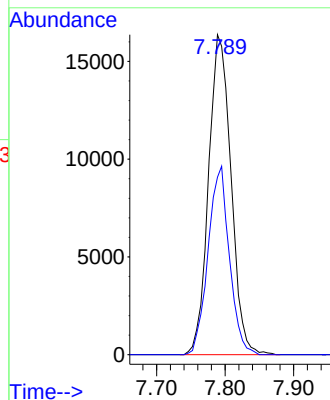
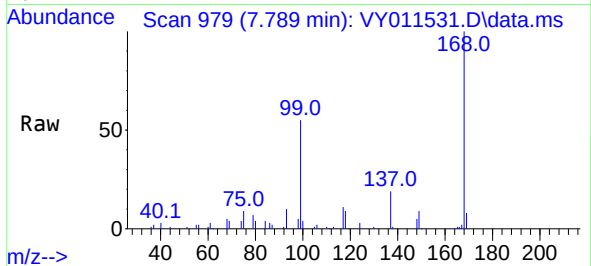




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011531.D
Acq: 21 Nov 2022 17:59

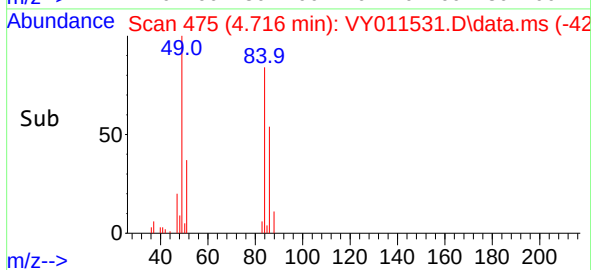
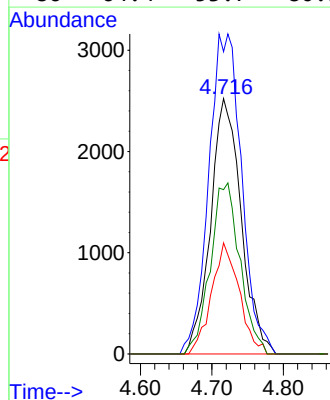
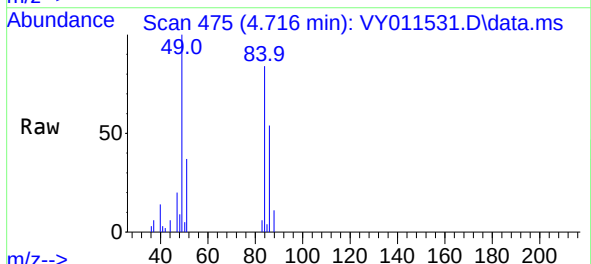
Instrument :
MSVOA_Y
ClientSampleId :
RIGHT-SIDE

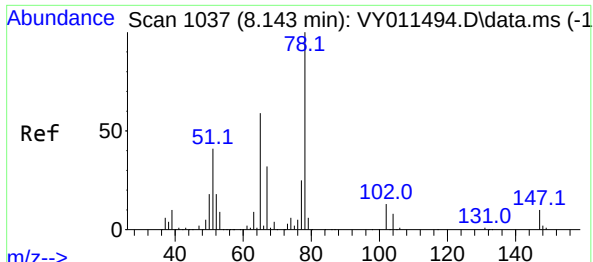
Tgt Ion:168 Resp: 37307
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#20
Methylene Chloride
Concen: 6.943 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011531.D
Acq: 21 Nov 2022 17:59

Tgt Ion: 84 Resp: 7485
Ion Ratio Lower Upper
84 100
49 118.4 114.4 171.6
51 43.5 35.3 52.9
86 64.4 53.7 80.5

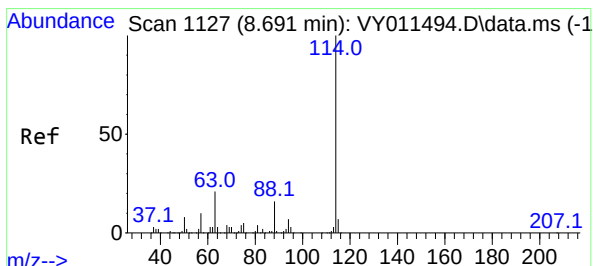
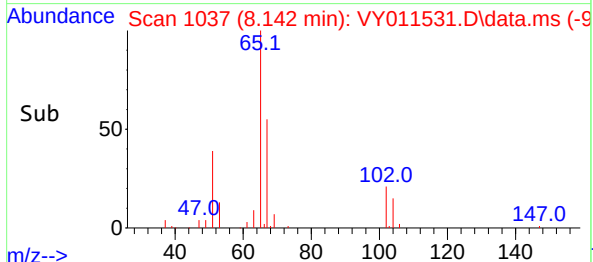
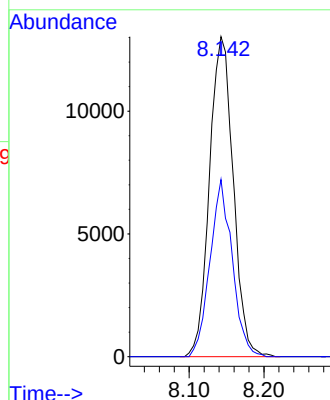
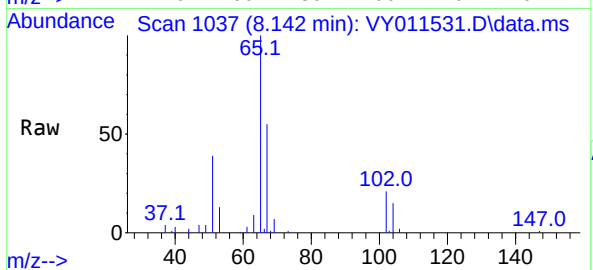




#33
 1,2-Dichloroethane-d4
 Concen: 76.119 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY011531.D
 Acq: 21 Nov 2022 17:59

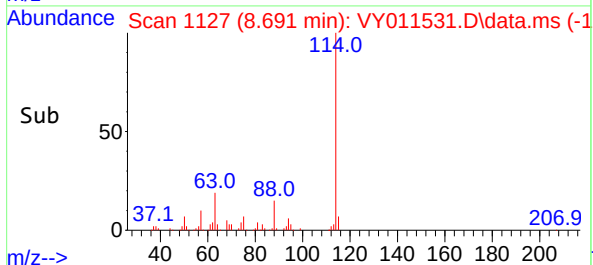
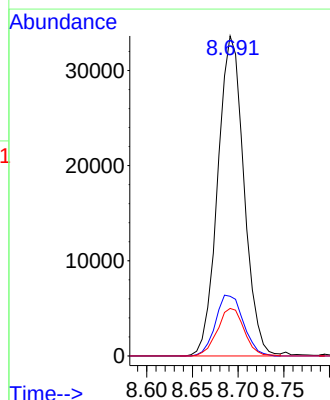
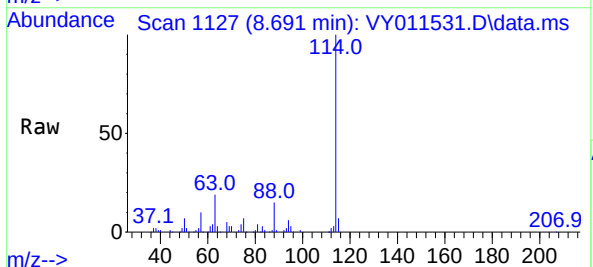
Instrument :
 MSVOA_Y
 ClientSampleId :
 RIGHT-SIDE

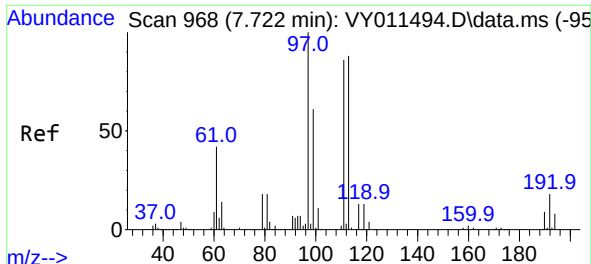
Tgt Ion: 65 Resp: 28835
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011531.D
 Acq: 21 Nov 2022 17:59

Tgt Ion: 114 Resp: 66959
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.2
 88 14.8 0.0 31.8

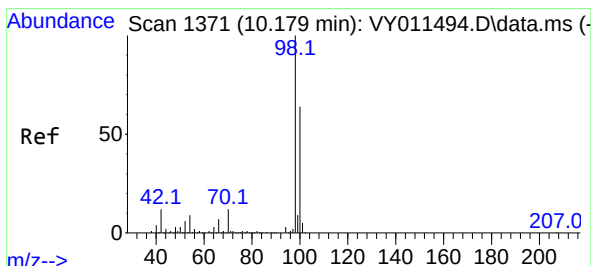
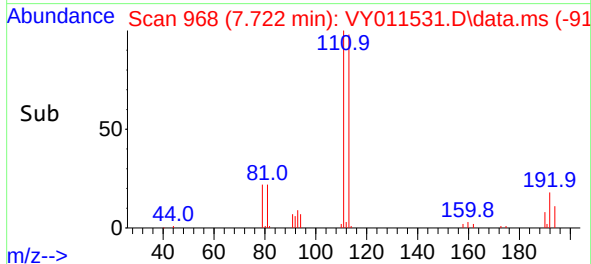
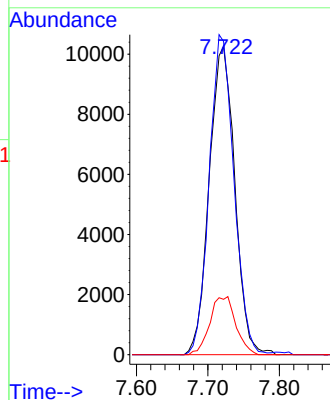
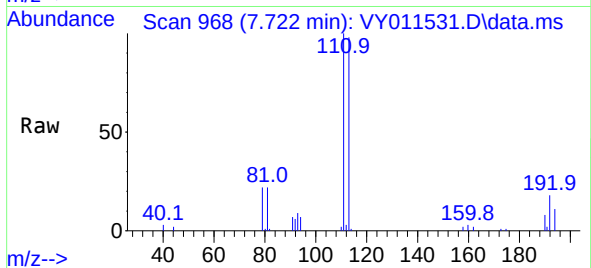




#35
Dibromofluoromethane
Concen: 61.774 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011531.D
Acq: 21 Nov 2022 17:59

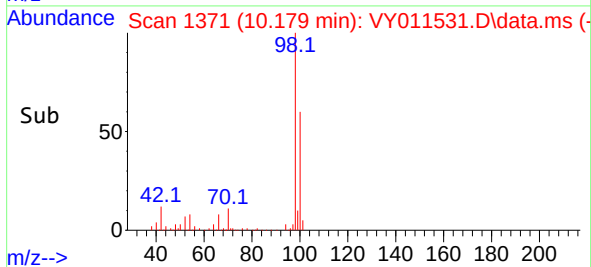
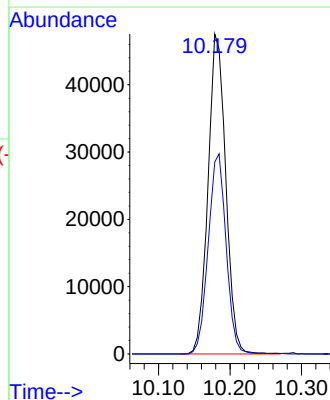
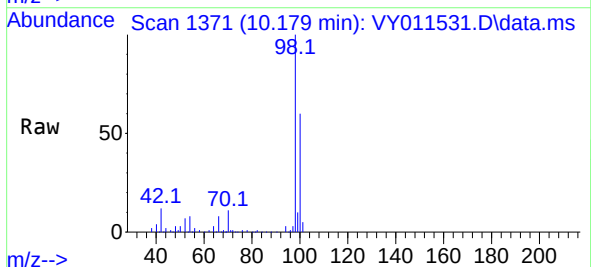
Instrument :
MSVOA_Y
ClientSampleId :
RIGHT-SIDE

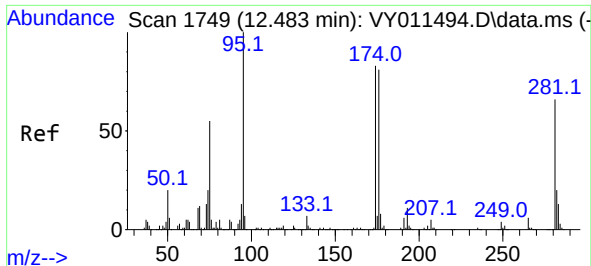
Tgt Ion:113 Resp: 25463
Ion Ratio Lower Upper
113 100
111 100.0 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 54.681 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011531.D
Acq: 21 Nov 2022 17:59

Tgt Ion: 98 Resp: 81906
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

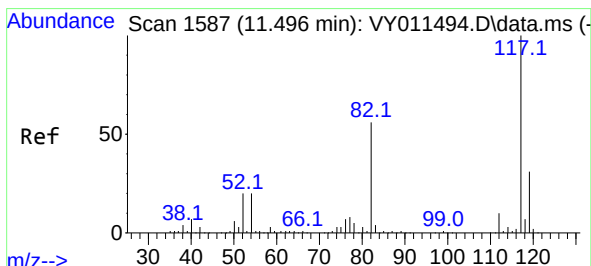
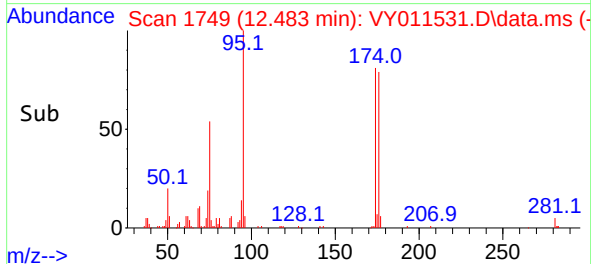
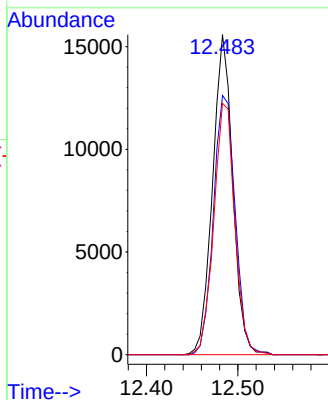
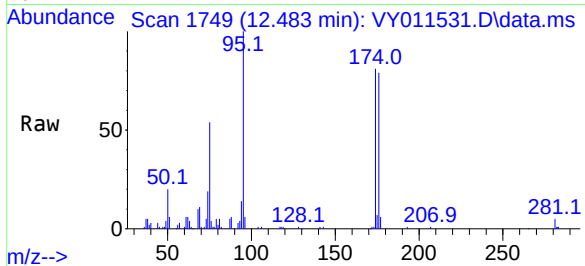




#62
4-Bromofluorobenzene
Concen: 43.127 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011531.D
Acq: 21 Nov 2022 17:59

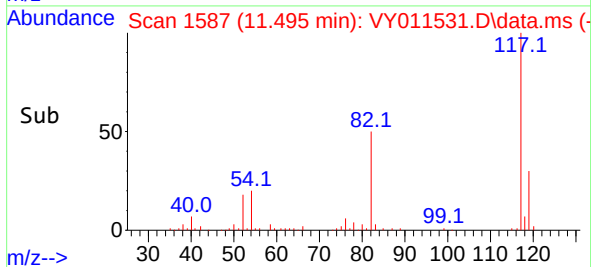
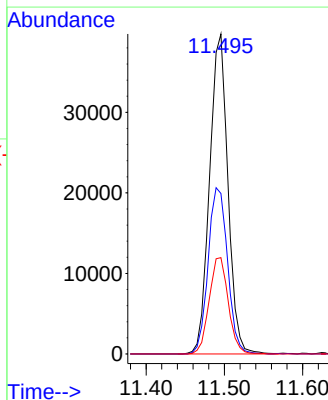
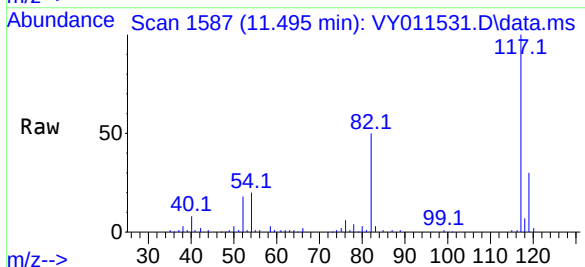
Instrument :
MSVOA_Y
ClientSampleId :
RIGHT-SIDE

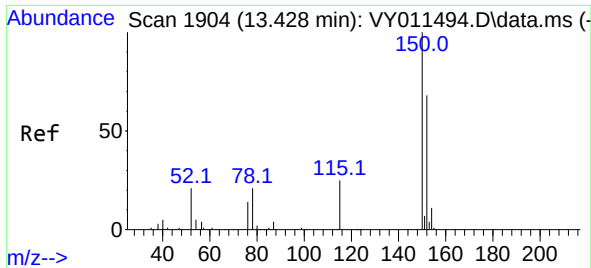
Tgt Ion: 95 Resp: 23884
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY011531.D
Acq: 21 Nov 2022 17:59

Tgt Ion: 117 Resp: 64541
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 30.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011531.D
 Acq: 21 Nov 2022 17:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 RIGHT-SIDE

Tgt Ion:	152	Resp:	26425
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	153.2	0.0	347.6

