

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011182.D
 Acq On : 29 Oct 2022 02:22
 Operator : KP/MD
 Sample : N5310-06
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-2

Quant Time: Oct 29 06:47:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

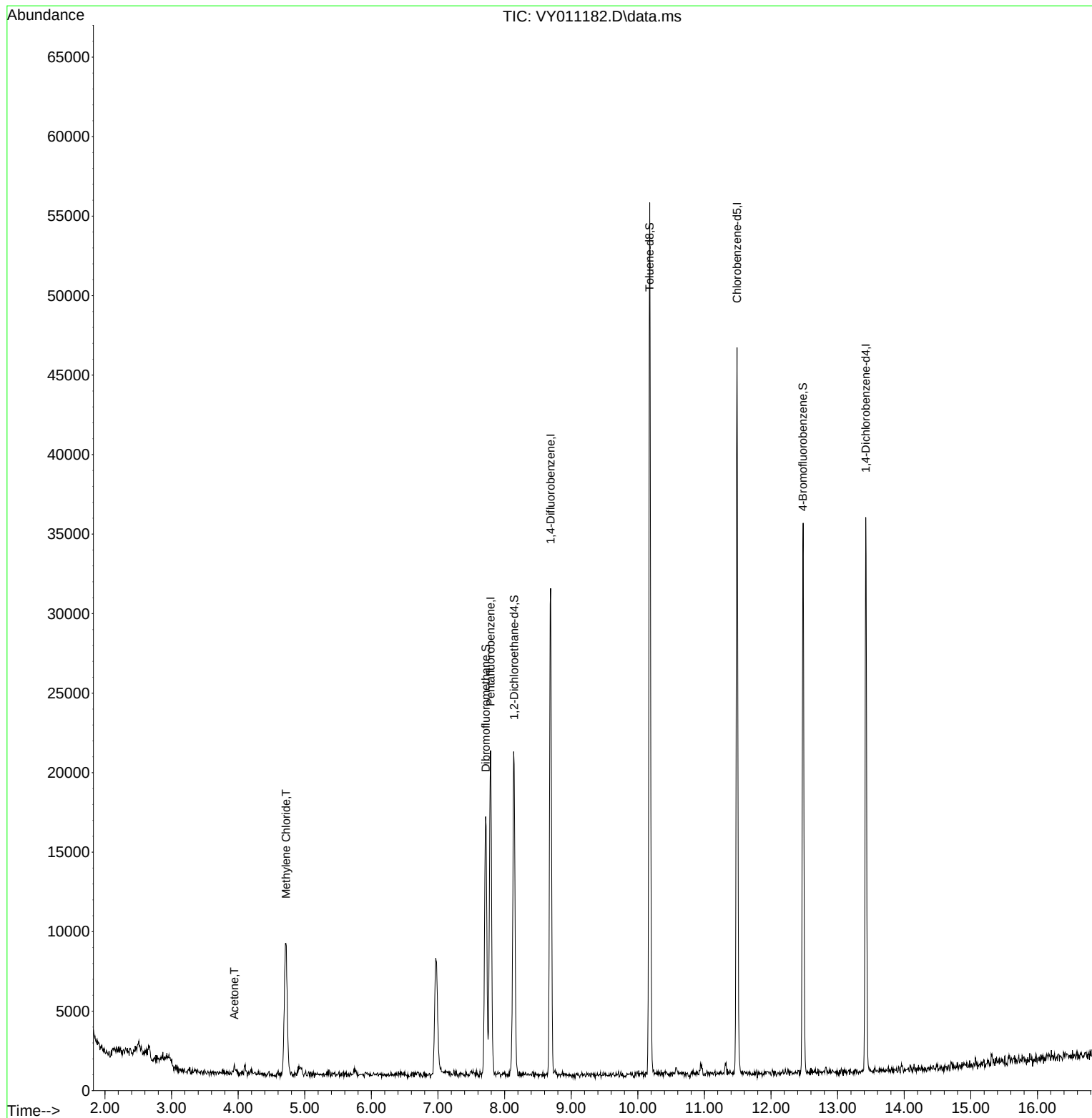
Internal Standards						
1) Pentafluorobenzene	7.789	168	16857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15796	90.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.240%#	
35) Dibromofluoromethane	7.716	113	12231	72.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.600%	
50) Toluene-d8	10.179	98	37075	55.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.477	95	10451	47.658	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.320%	
Target Compounds						Qvalue
16) Acetone	3.942	43	800	18.758	ug/l #	84
20) Methylene Chloride	4.716	84	6762	36.606	ug/l #	72

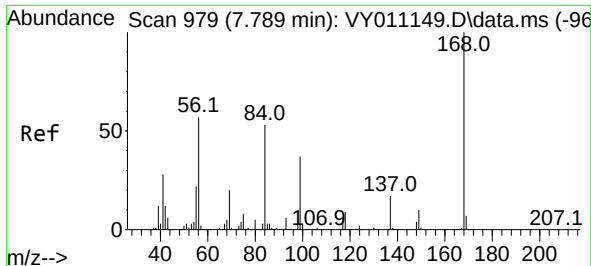
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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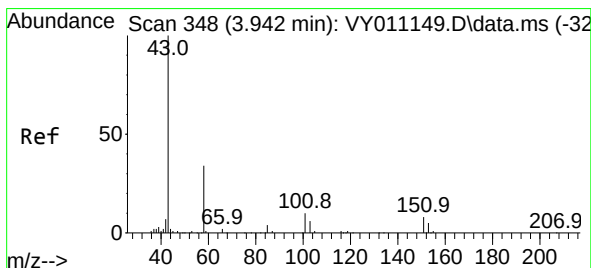
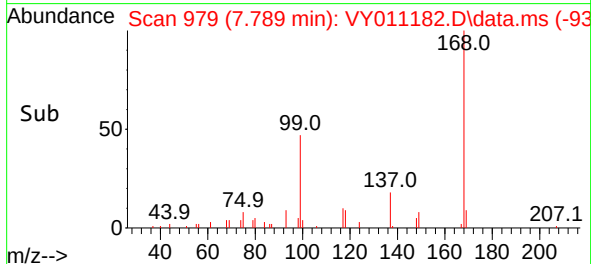
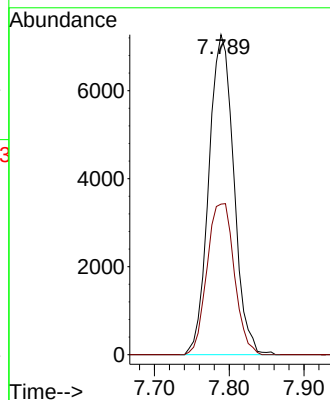
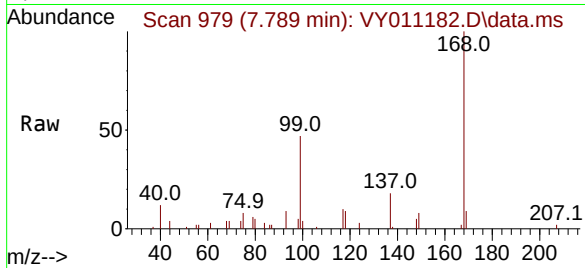




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

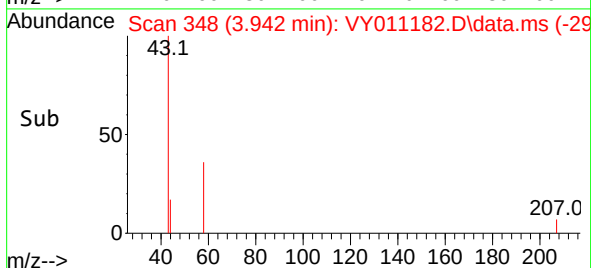
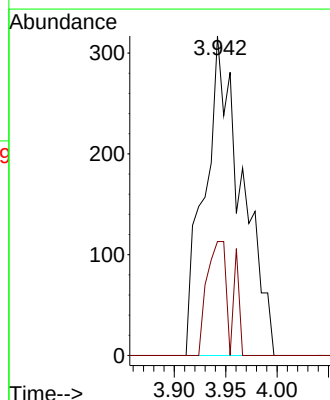
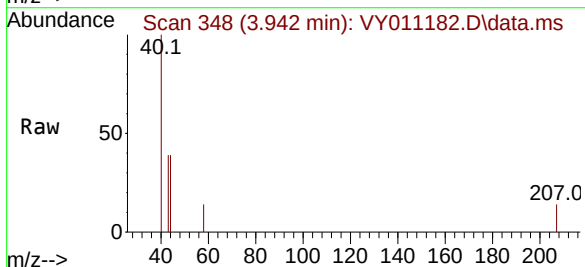
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-2

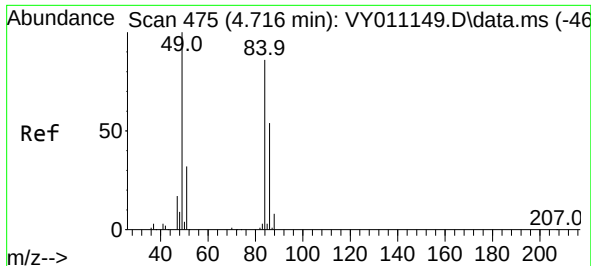
Tgt Ion:168 Resp: 16857
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#16
Acetone
Concen: 18.758 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 35.6 22.0 33.0#

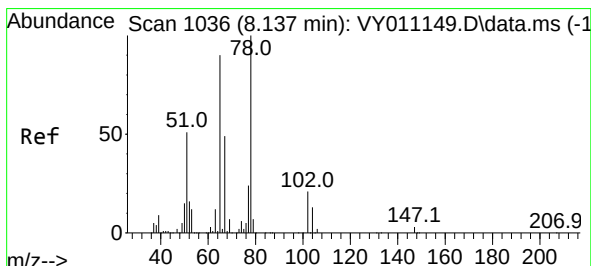
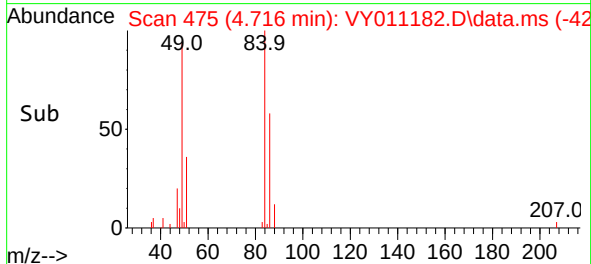
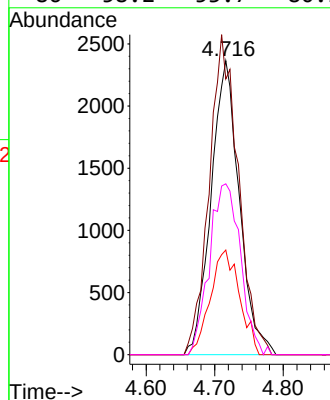
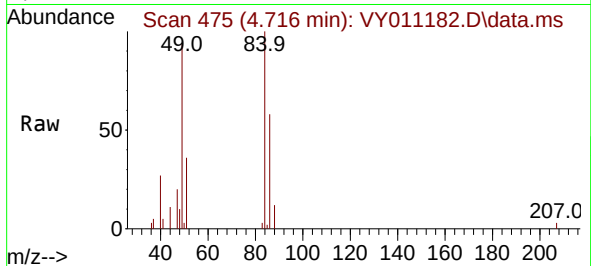




#20
Methylene Chloride
Concen: 36.606 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

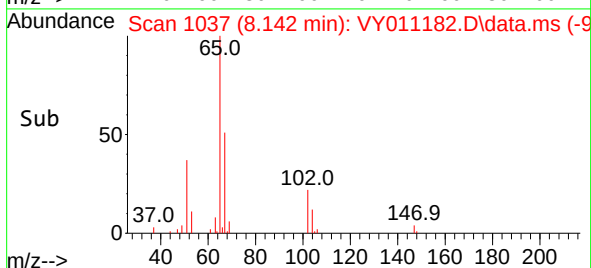
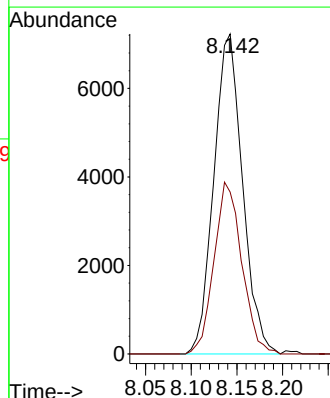
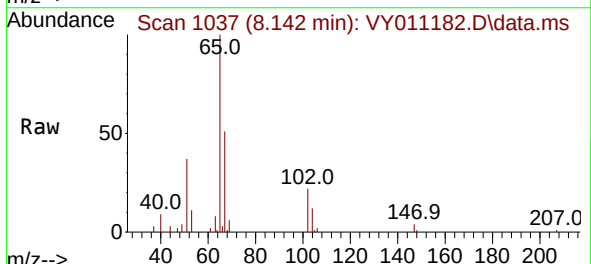
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-2

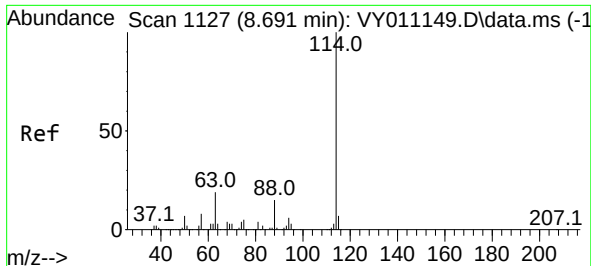
Tgt Ion:	84	Resp:	6762
Ion	Ratio	Lower	Upper
84	100		
49	93.8	114.4	171.6#
51	35.6	35.3	52.9
86	58.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 90.623 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

Tgt Ion:	65	Resp:	15796
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	99.4

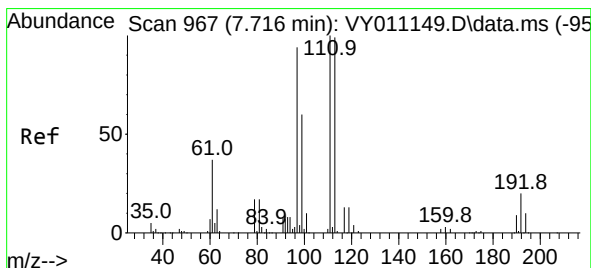
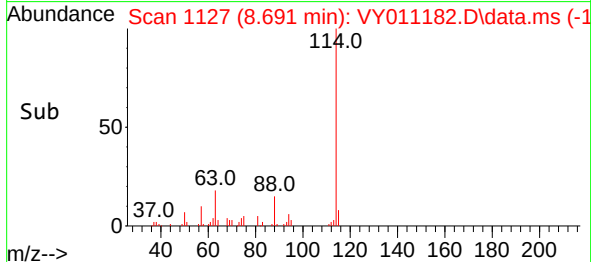
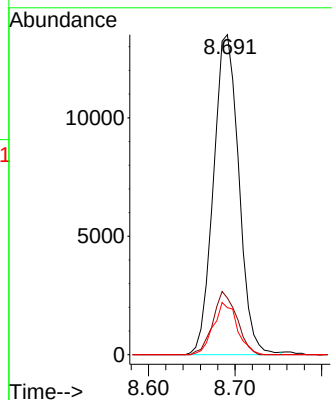
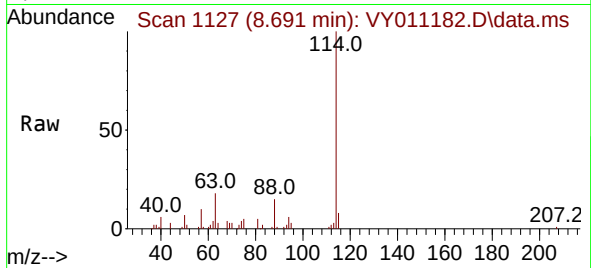




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

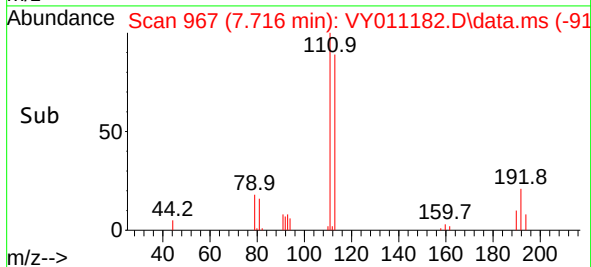
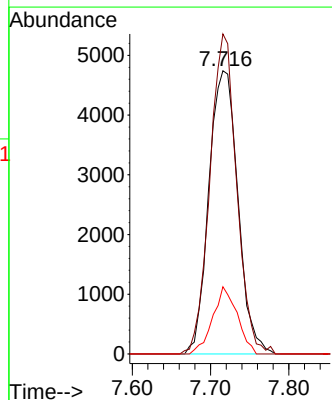
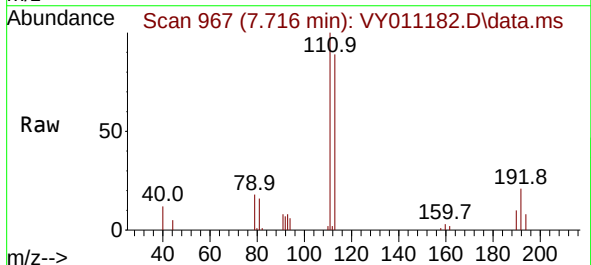
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-2

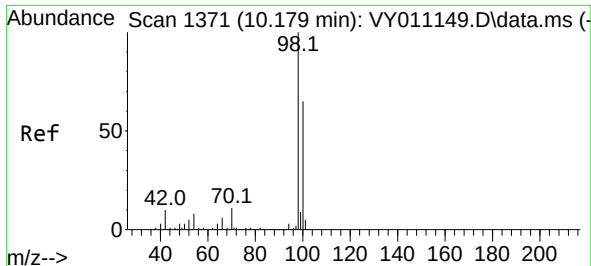
Tgt Ion:	114	Resp:	27509
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	43.2
88	14.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 72.300 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

Tgt Ion:	113	Resp:	12231
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	124.0
192	20.0	17.6	26.4

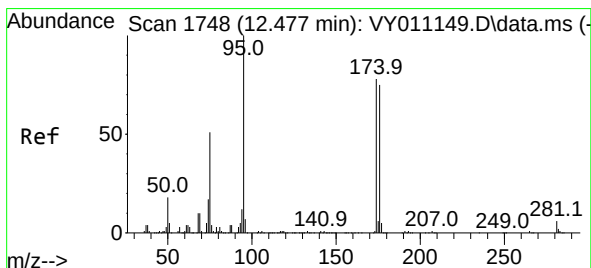
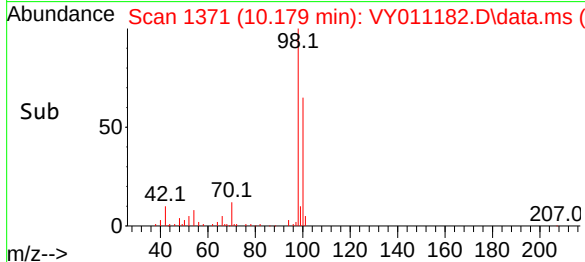
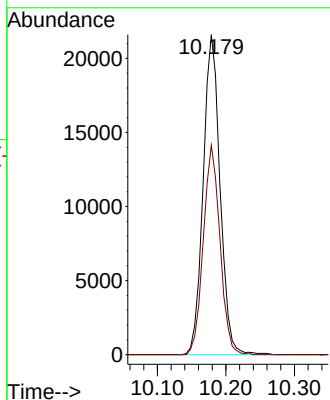
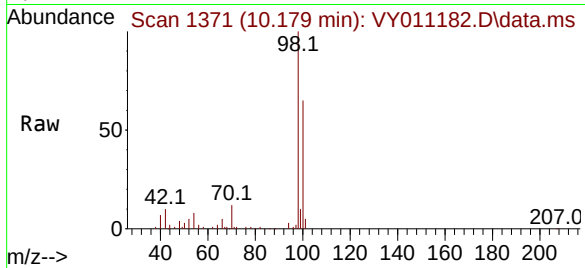




#50
Toluene-d8
Concen: 55.319 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

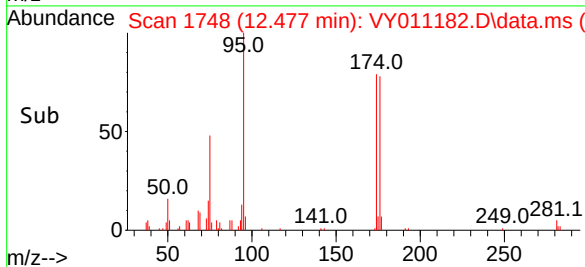
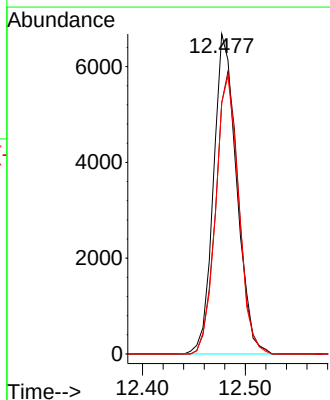
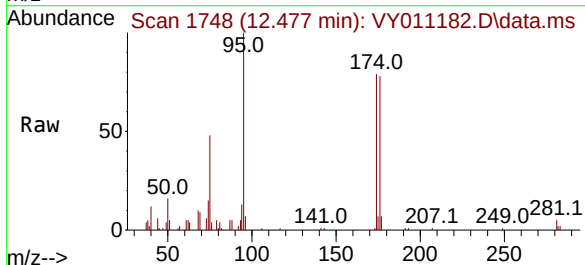
Instrument :
MSVOA_Y
ClientSampleId :
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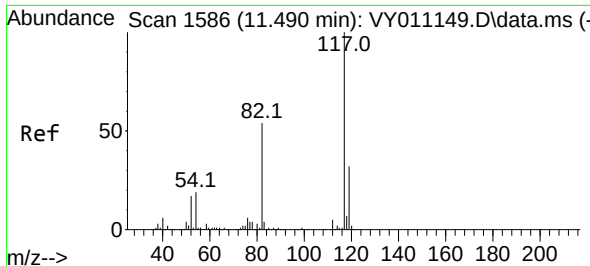
Tgt Ion: 98 Resp: 37075
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.658 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

Tgt Ion: 95 Resp: 10451
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 86.0 0.0 175.8

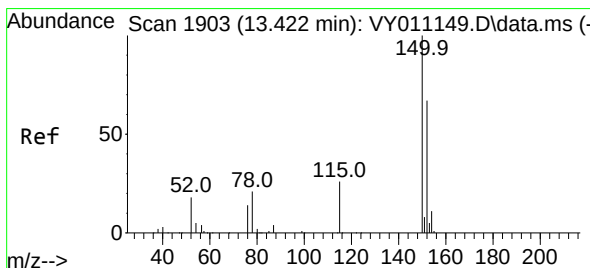
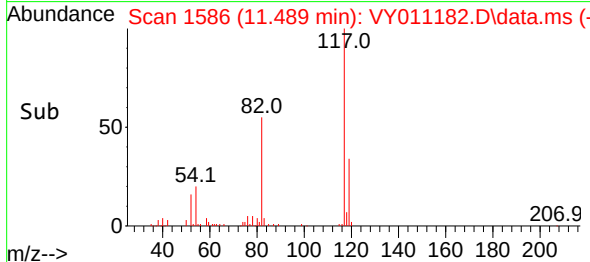
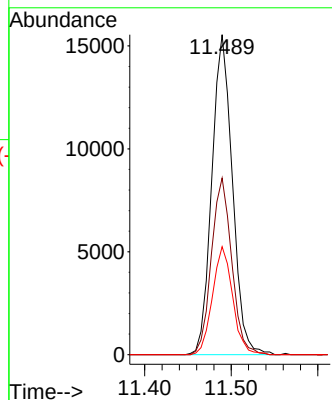
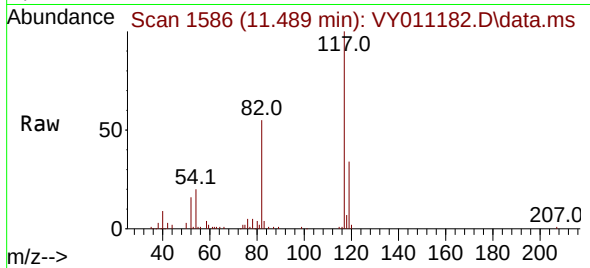




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-2

Tgt Ion:117	Resp:	25633
Ion	Ratio	Lower Upper
117	100	
82	55.2	43.0 64.4
119	33.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011182.D
Acq: 29 Oct 2022 02:22

Tgt Ion:152	Resp:	9952
Ion	Ratio	Lower Upper
152	100	
115	57.5	28.2 84.7
150	149.8	0.0 347.6

