

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012115.D
 Acq On : 09 Jan 2023 16:57
 Operator : KP/MD
 Sample : 01064-07
 Misc : 1.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-14-02

Quant Time: Jan 10 01:48:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

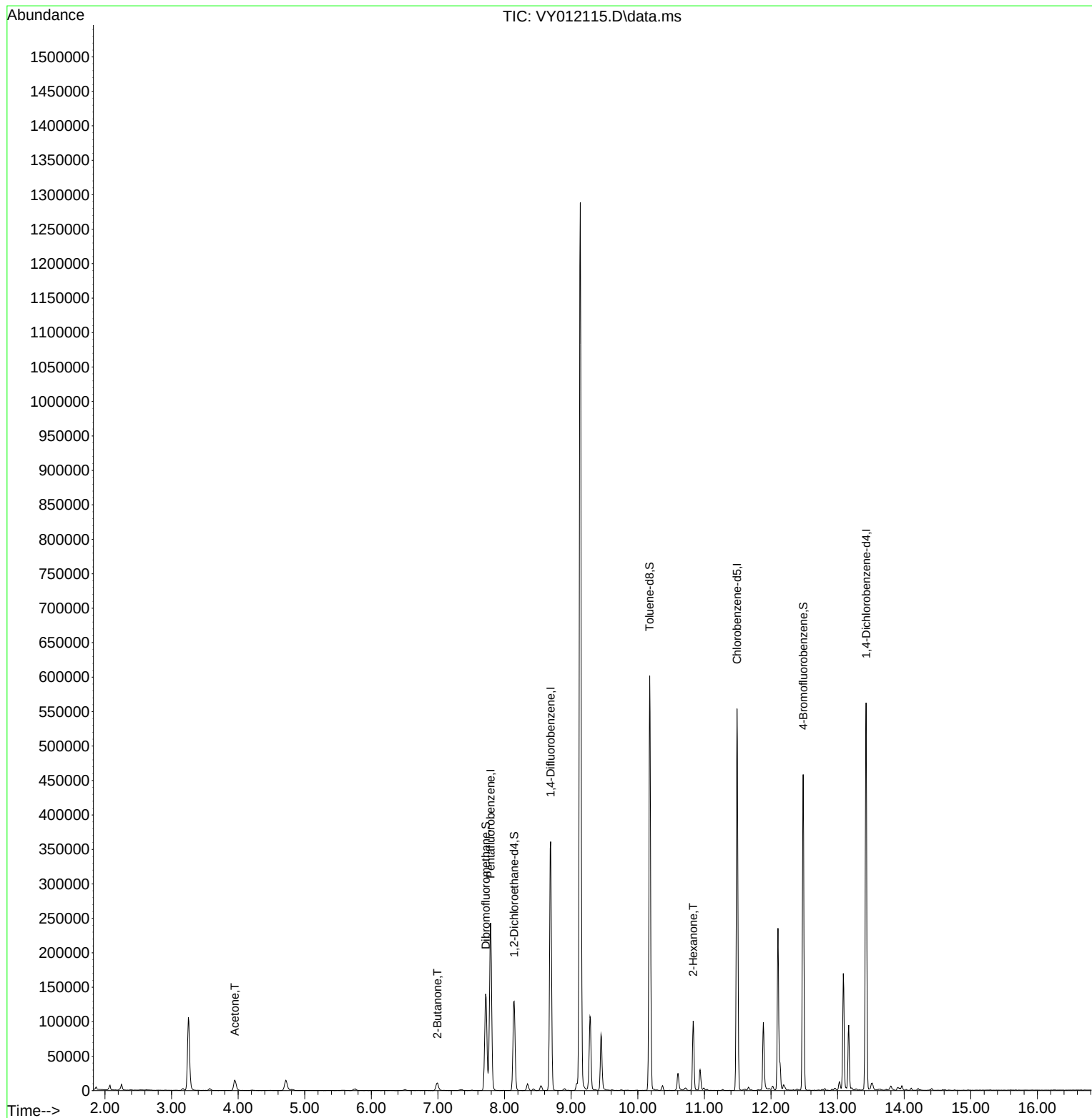
Internal Standards						
1) Pentafluorobenzene	7.789	168	188488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111345	52.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.140%	
35) Dibromofluoromethane	7.716	113	96953	46.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.400%	
50) Toluene-d8	10.179	98	392946	47.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	12.483	95	132754	45.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.700%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	26831	53.853	ug/l	96
25) 2-Butanone	6.990	43	17965	27.330	ug/l #	89
59) 2-Hexanone	10.831	43	55365	51.864	ug/l	96

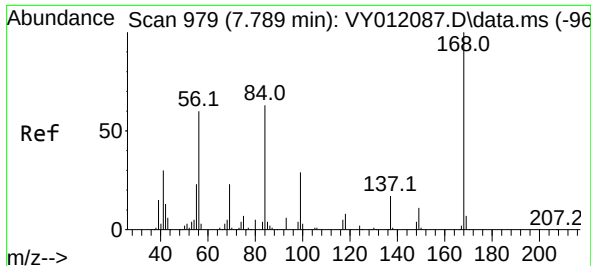
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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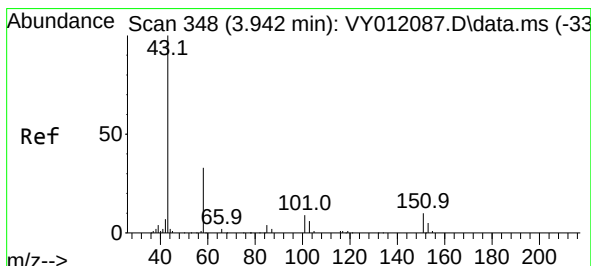
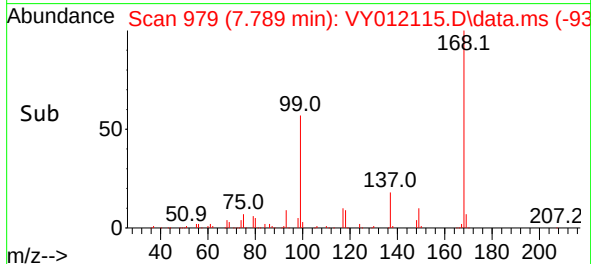
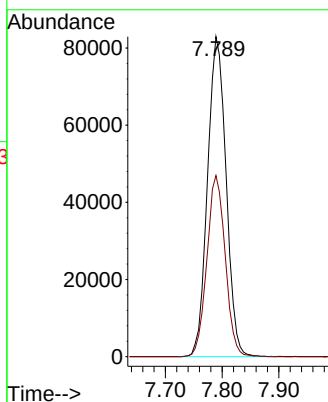
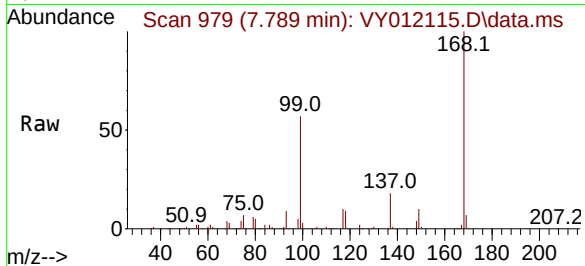




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

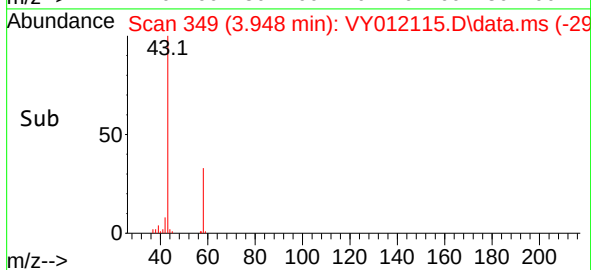
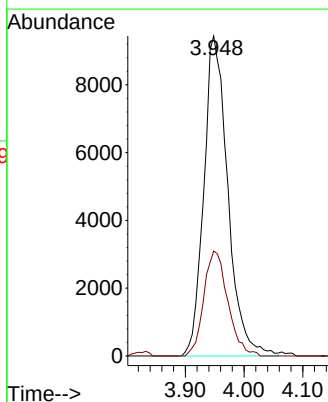
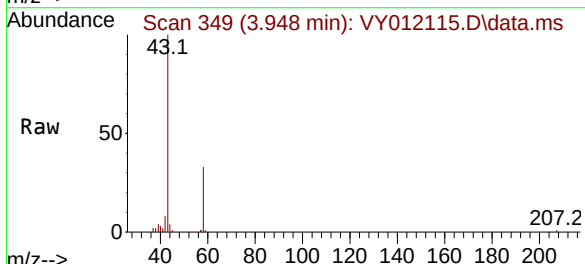
Instrument :
MSVOA_Y
ClientSampleId :
S-14-02

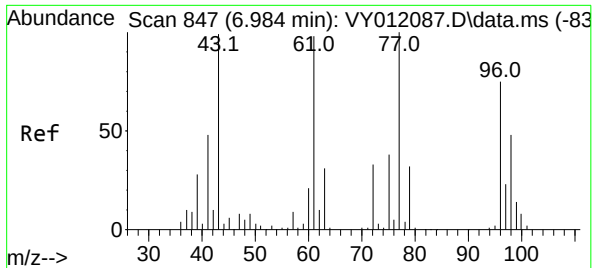
Tgt Ion:168 Resp: 188488
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#16
Acetone
Concen: 53.853 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

Tgt Ion: 43 Resp: 26831
Ion Ratio Lower Upper
43 100
58 32.8 27.9 41.9





#25

2-Butanone

Concen: 27.330 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012115.D

Acq: 09 Jan 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

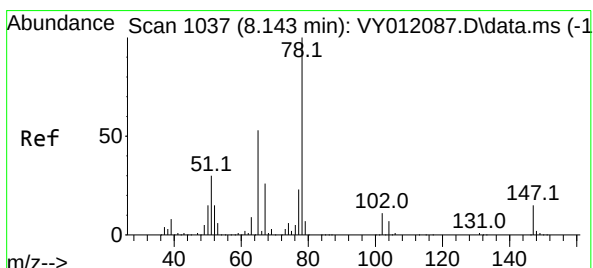
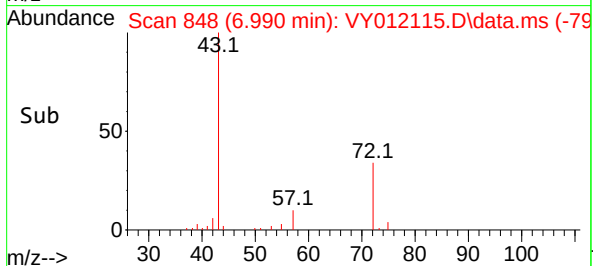
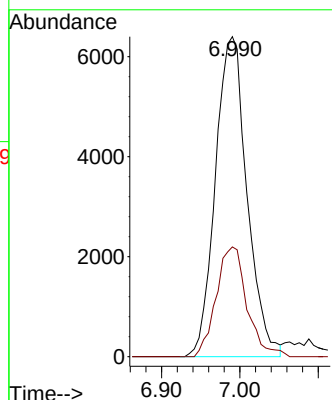
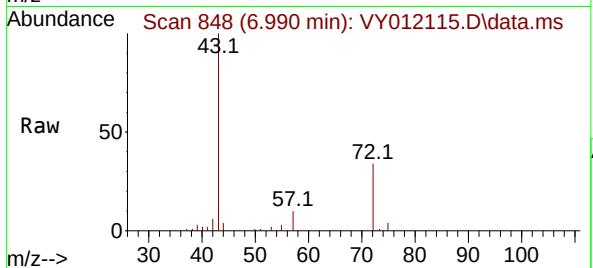
S-14-02

Tgt Ion: 43 Resp: 17965

Ion Ratio Lower Upper

43 100

72 34.3 22.6 34.0#



#33

1,2-Dichloroethane-d4

Concen: 52.572 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012115.D

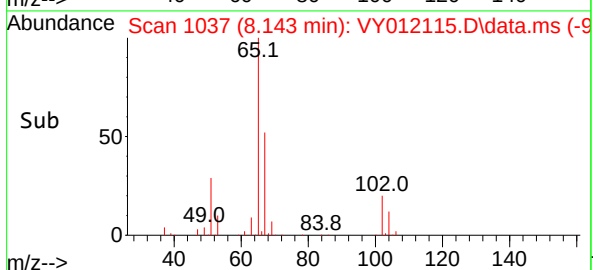
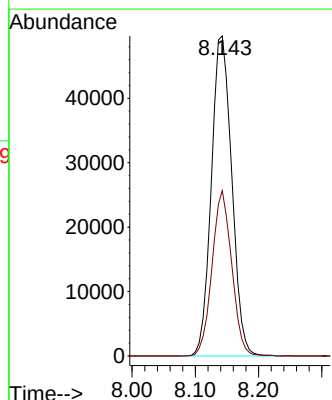
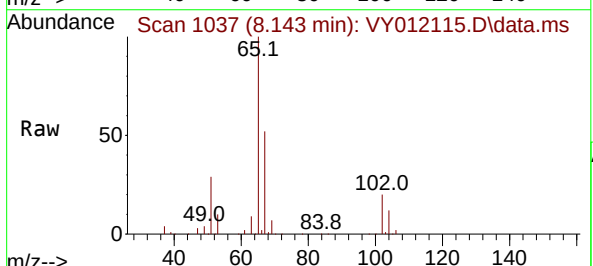
Acq: 09 Jan 2023 16:57

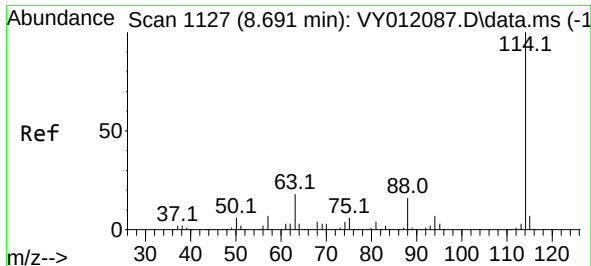
Tgt Ion: 65 Resp: 111345

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.2

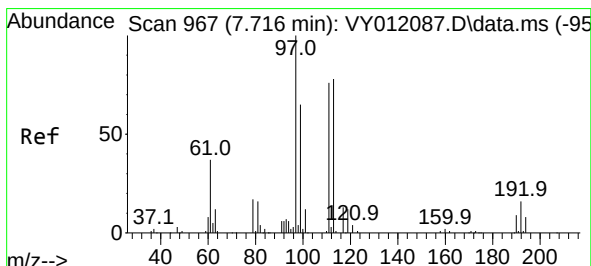
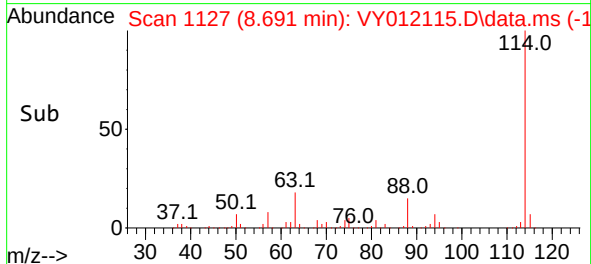
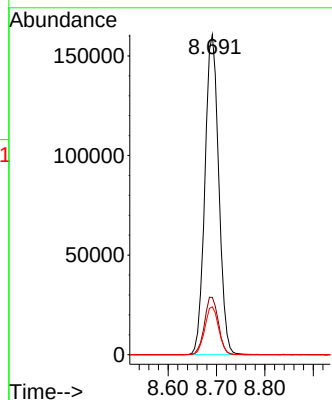
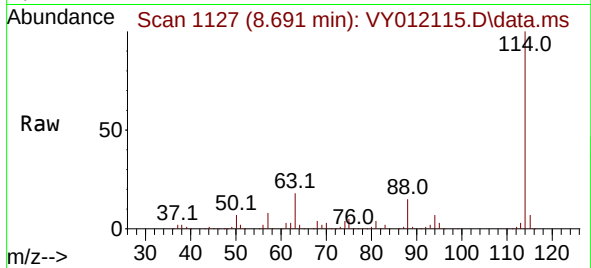




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

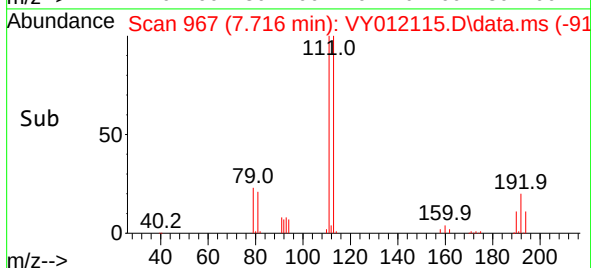
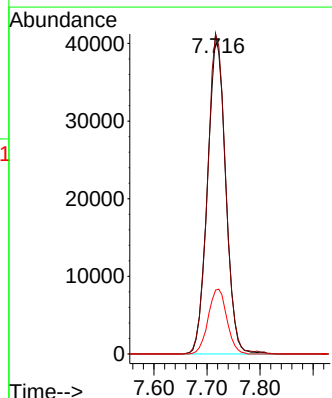
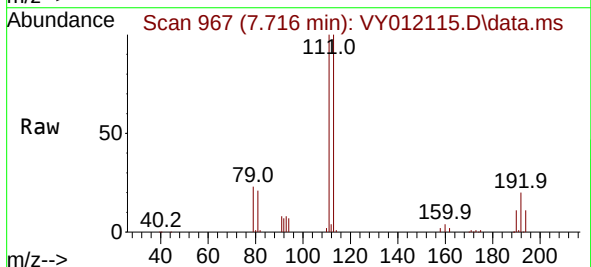
Instrument :
MSVOA_Y
ClientSampleId :
S-14-02

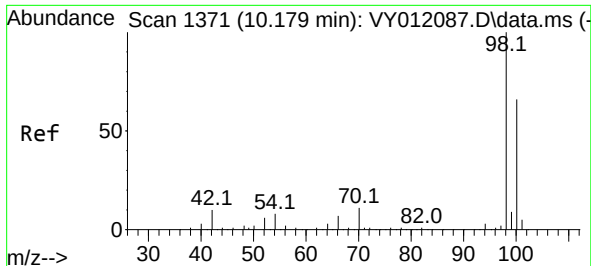
Tgt Ion:114 Resp: 319299
Ion Ratio Lower Upper
114 100
63 17.9 0.0 39.6
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.197 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

Tgt Ion:113 Resp: 96953
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.0 16.0 24.0

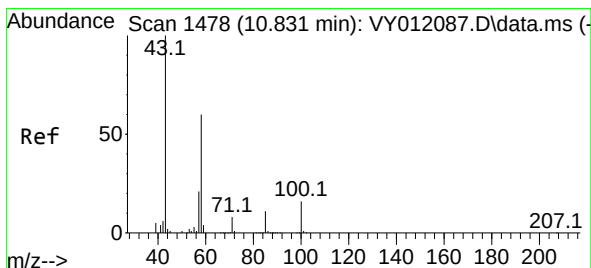
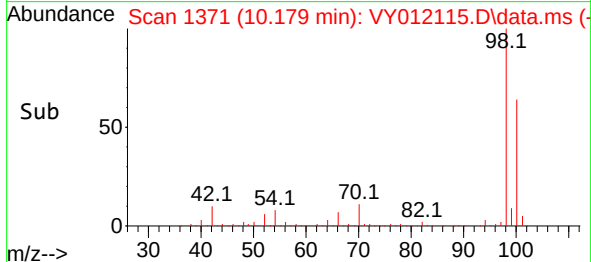
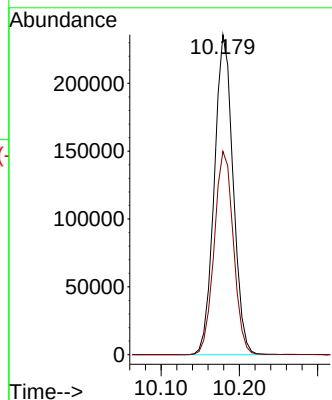
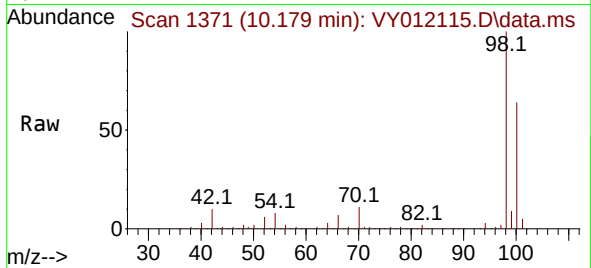




#50
Toluene-d8
Concen: 47.437 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

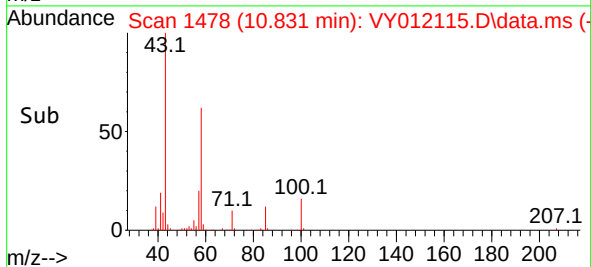
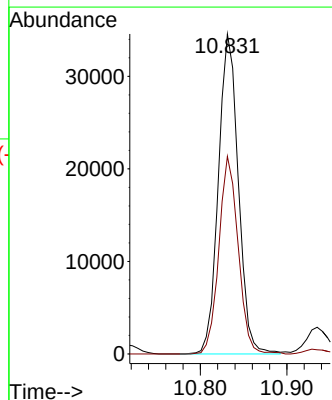
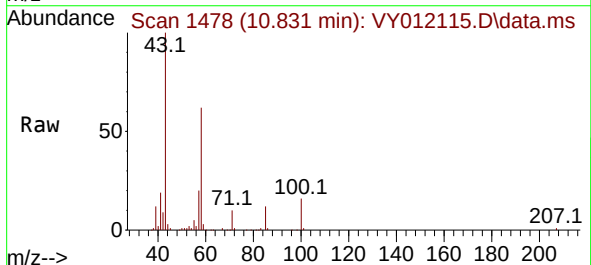
Instrument :
MSVOA_Y
ClientSampleId :
S-14-02

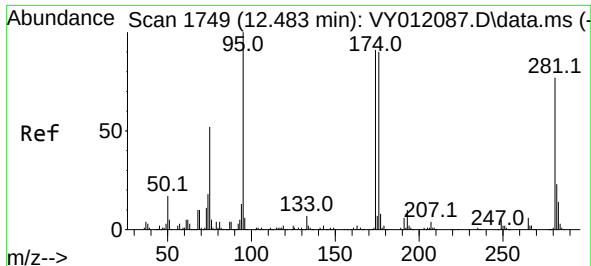
Tgt Ion: 98 Resp: 392946
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#59
2-Hexanone
Concen: 51.864 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

Tgt Ion: 43 Resp: 55365
Ion Ratio Lower Upper
43 100
58 59.7 28.4 85.2

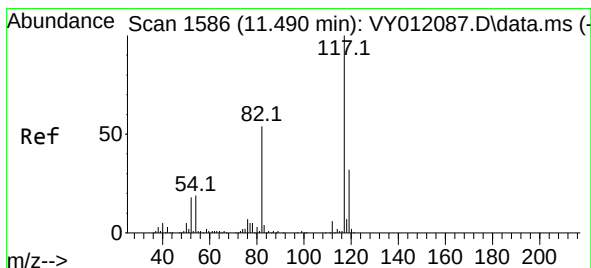
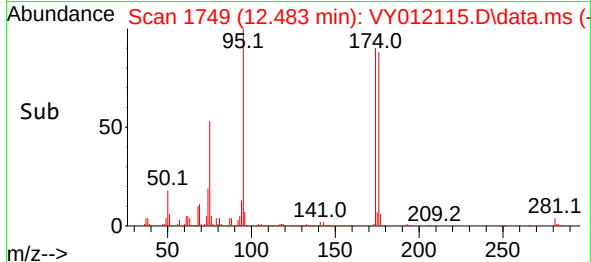
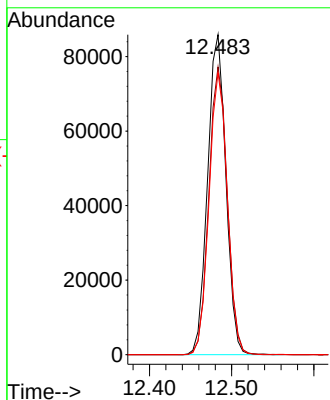
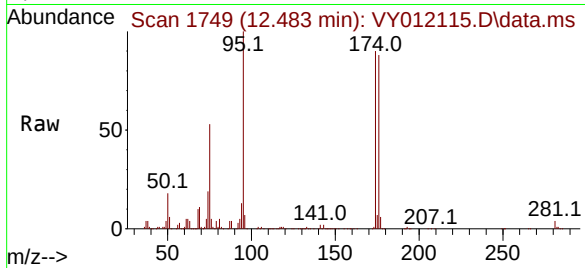




#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

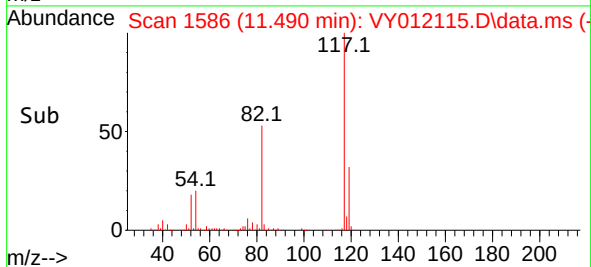
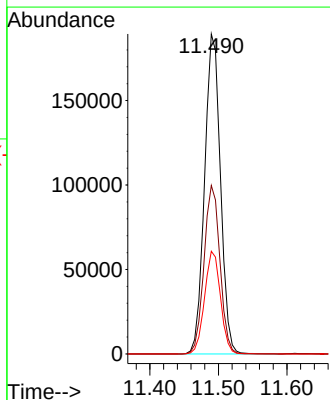
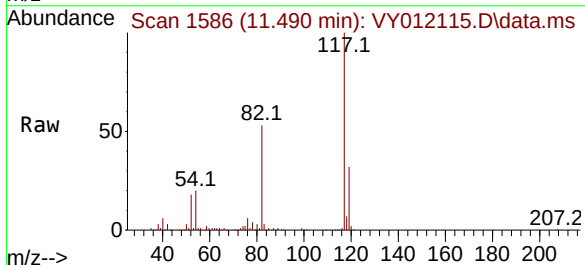
Instrument :
MSVOA_Y
ClientSampleId :
S-14-02

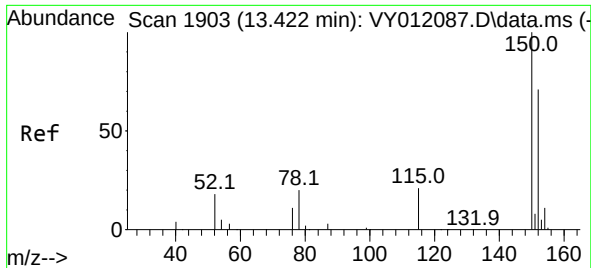
Tgt Ion: 95 Resp: 132754
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.0
176 88.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012115.D
Acq: 09 Jan 2023 16:57

Tgt Ion: 117 Resp: 305604
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012115.D

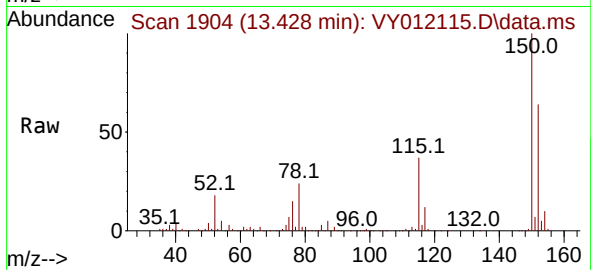
Acq: 09 Jan 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

S-14-02



Tgt Ion:152 Resp: 146361

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 157.3 0.0 342.6

