

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012868.D
 Acq On : 08 Mar 2023 14:05
 Operator : KP/MD
 Sample : 01825-03RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP2-0306RE

Quant Time: Mar 09 00:36:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

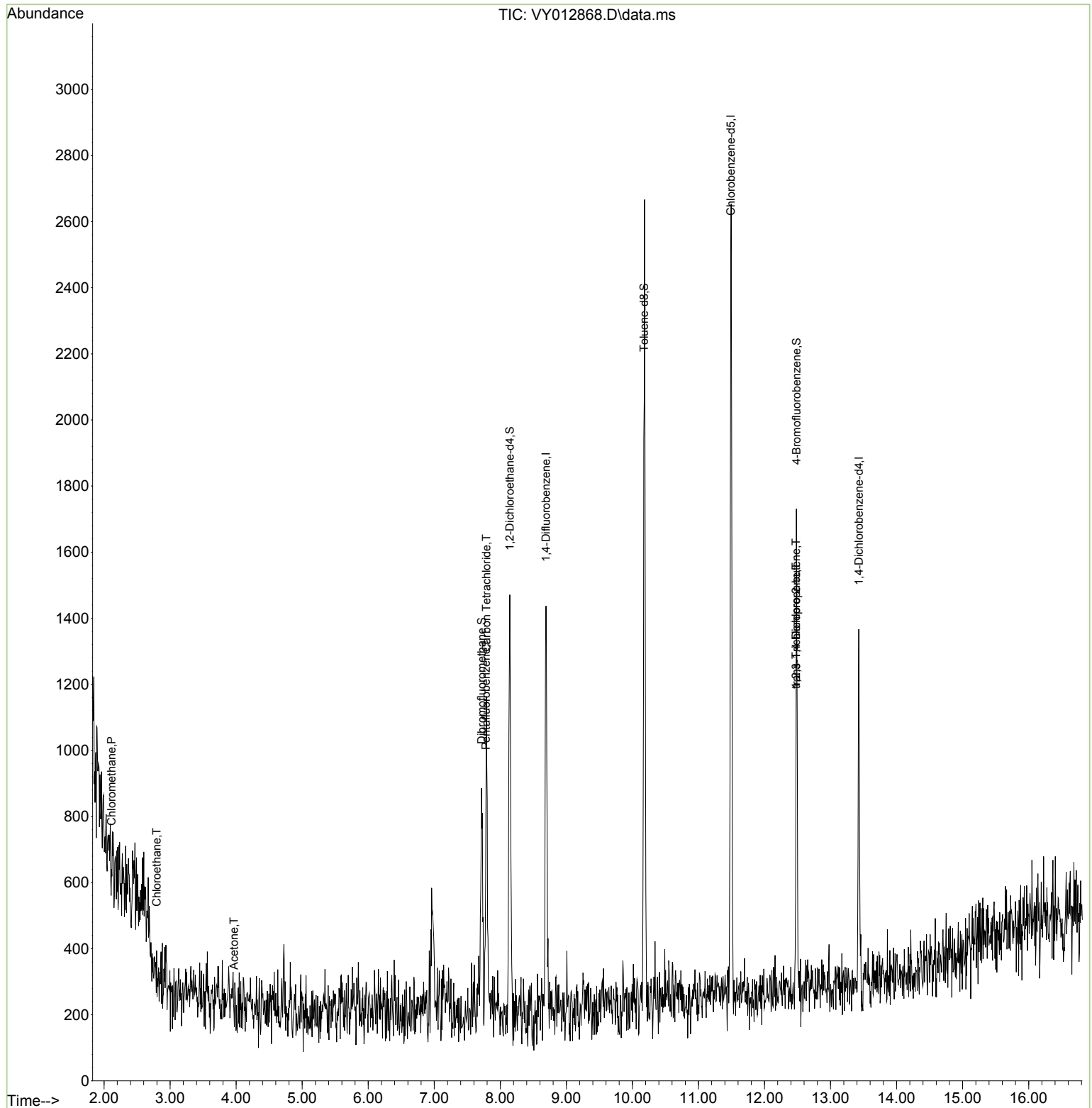
Internal Standards						
1) Pentafluorobenzene	7.783	168	891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1514	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1039	117.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 234.900%#	
35) Dibromofluoromethane	7.716	113	695	75.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 151.040%#	
50) Toluene-d8	10.179	98	1864	55.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.483	95	473	41.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	68	6.477	ug/l #	42
6) Chloroethane	2.796	64	40	6.937	ug/l #	43
16) Acetone	3.966	43	20	5.760	ug/l #	44
20) Methylene Chloride	4.722	84	43	Below Cal	#	16
38) Carbon Tetrachloride	7.789	117	20	1.256	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	222	54.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	222	112.303	ug/l #	13

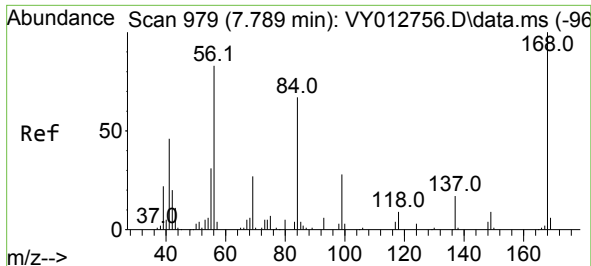
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

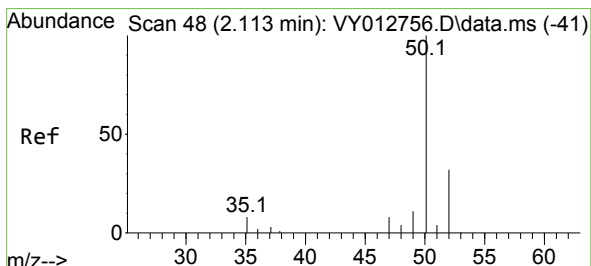
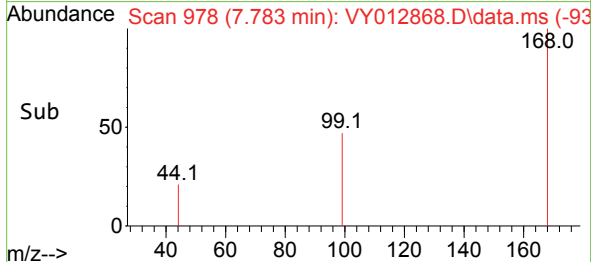
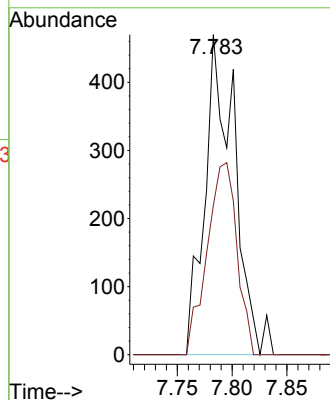
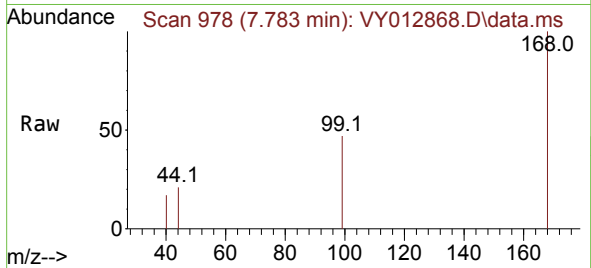




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

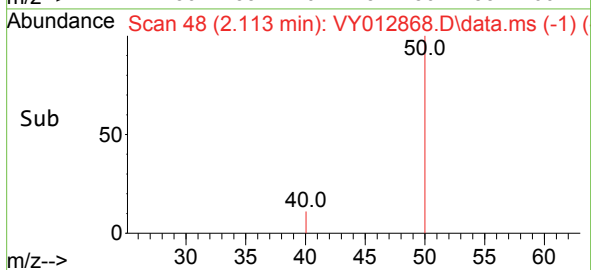
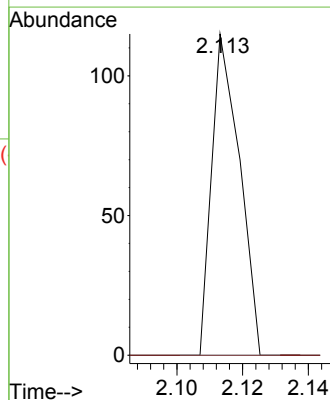
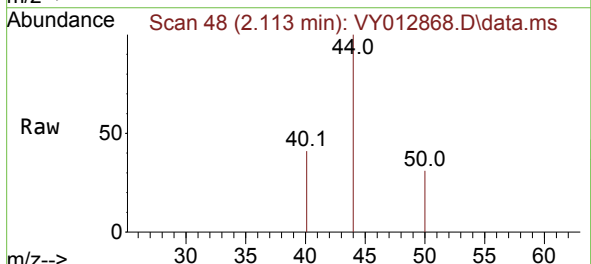
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

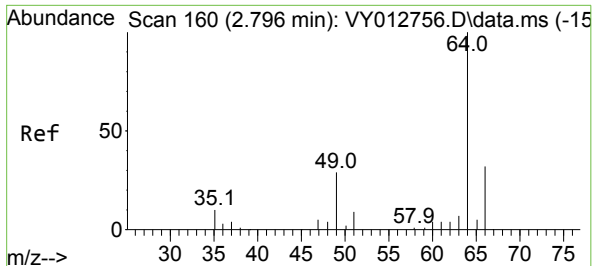
Tgt Ion:168 Resp: 891
Ion Ratio Lower Upper
168 100
99 46.6 41.7 62.5



#3
Chloromethane
Concen: 6.477 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#





#6

Chloroethane

Concen: 6.937 ug/l

RT: 2.796 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012868.D

Acq: 08 Mar 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

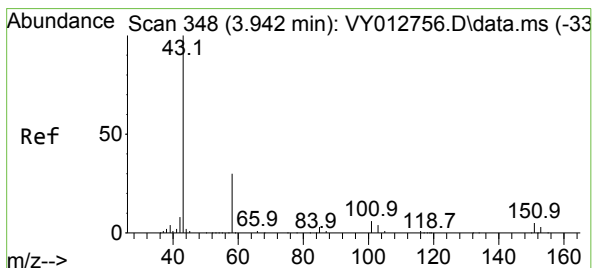
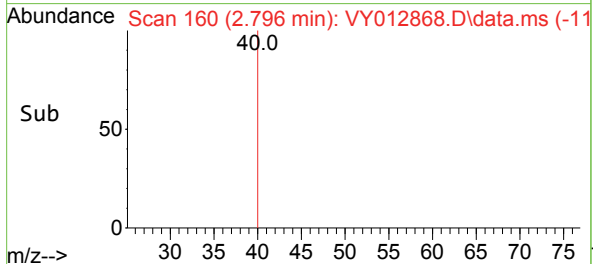
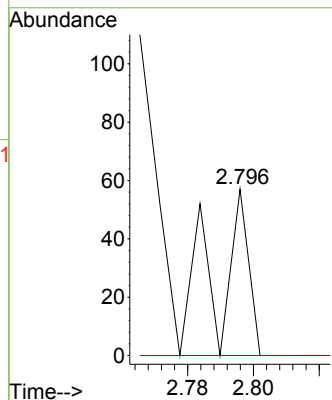
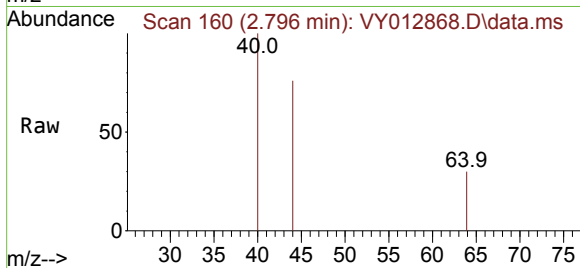
HH-TP2-0306RE

Tgt Ion: 64 Resp: 40

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



#16

Acetone

Concen: 5.760 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.024 min

Lab File: VY012868.D

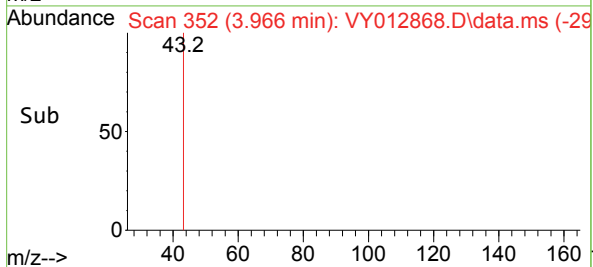
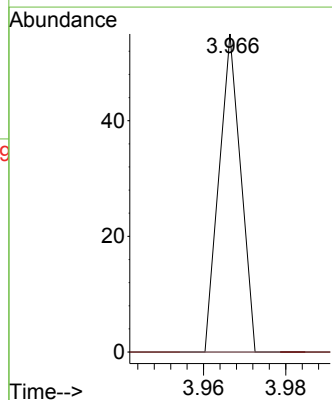
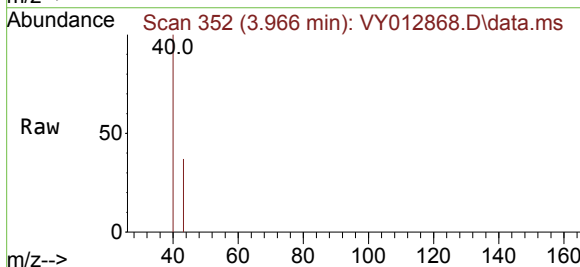
Acq: 08 Mar 2023 14:05

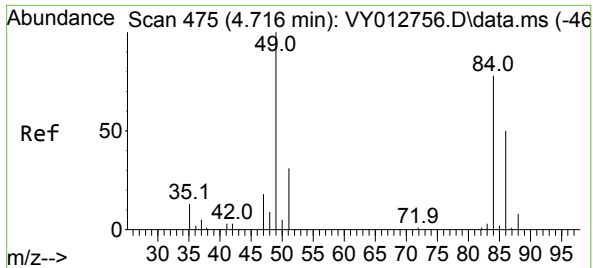
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#

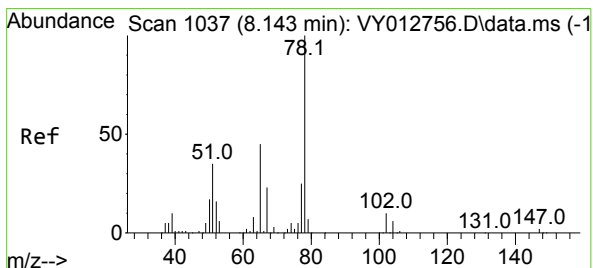
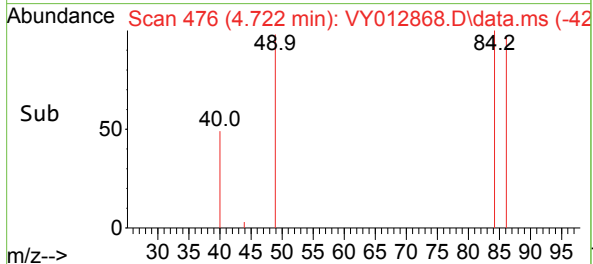
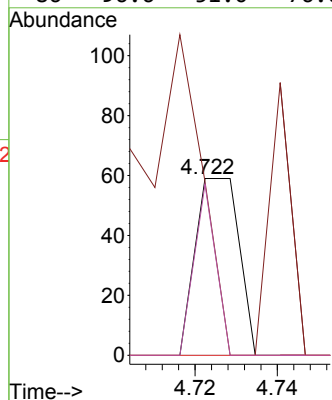
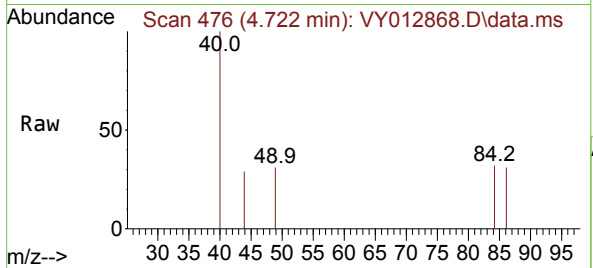




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

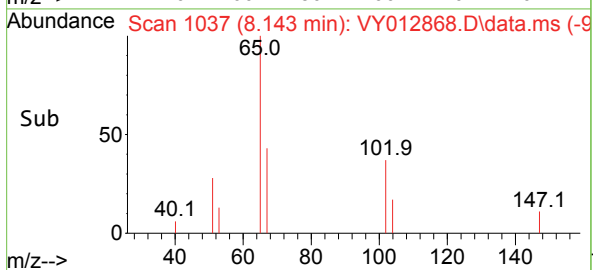
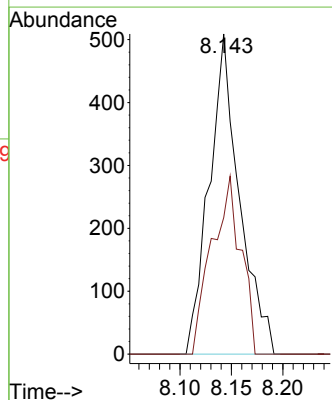
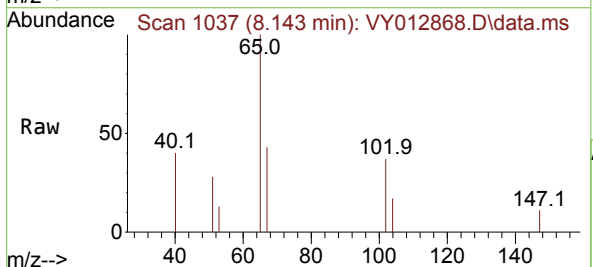
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

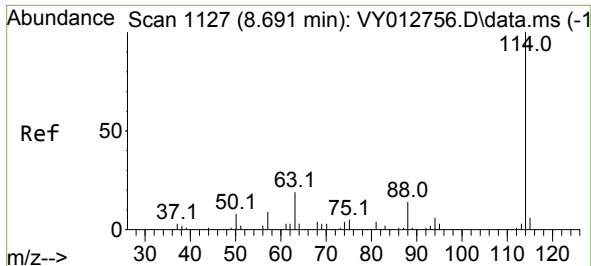
Tgt Ion: 84 Resp: 43
Ion Ratio Lower Upper
84 100
49 0.0 102.6 154.0#
51 0.0 31.9 47.9#
86 96.6 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 117.448 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Tgt Ion: 65 Resp: 1039
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.0

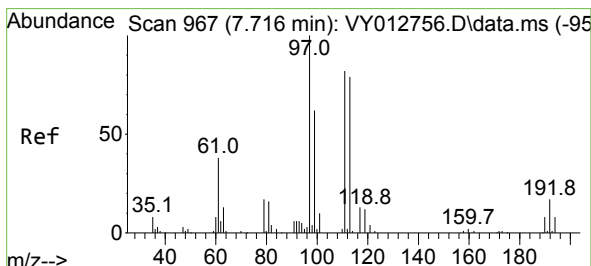
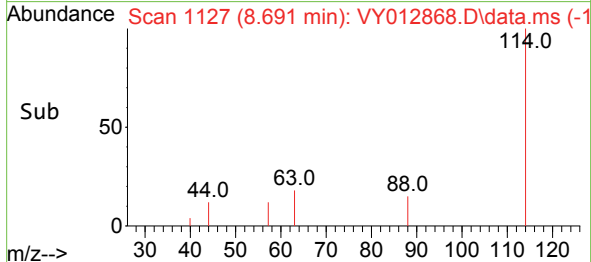
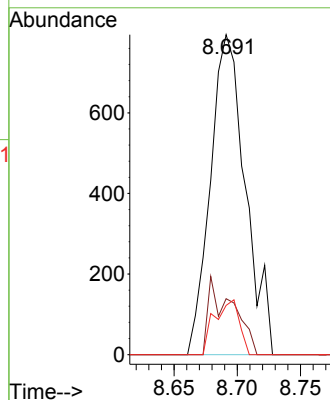
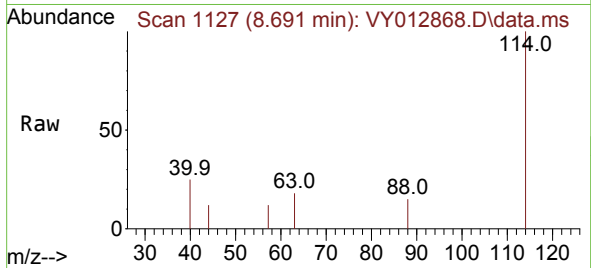




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

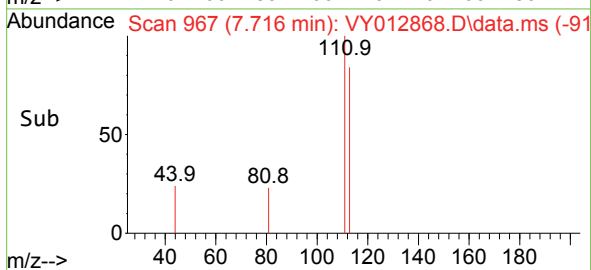
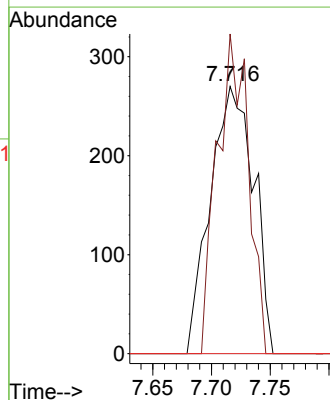
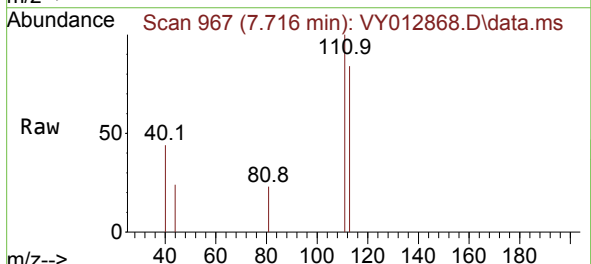
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

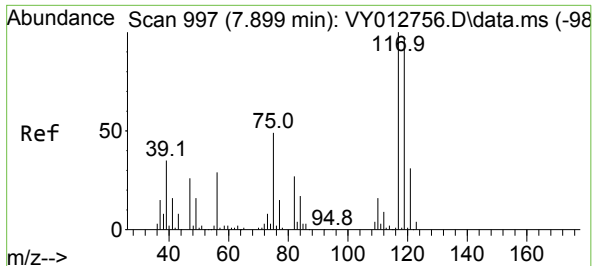
Tgt Ion:114 Resp: 1525
Ion Ratio Lower Upper
114 100
63 17.5 0.0 37.4
88 15.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 75.516 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

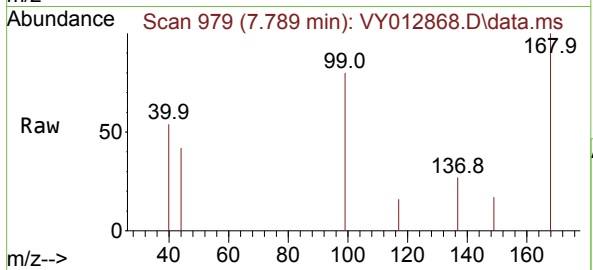
Tgt Ion:113 Resp: 695
Ion Ratio Lower Upper
113 100
111 86.0 82.2 123.2
192 0.0 16.8 25.2#



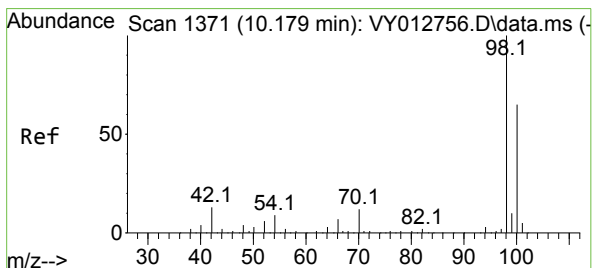
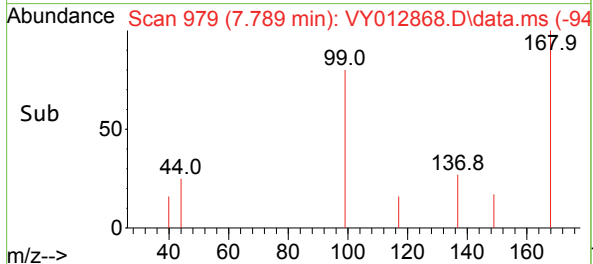
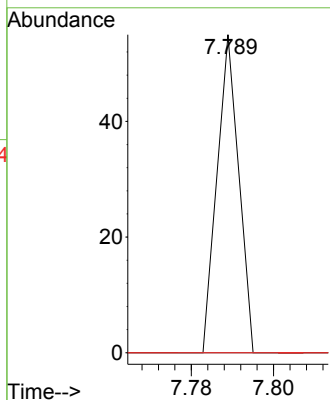


#38
Carbon Tetrachloride
Concen: 1.256 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

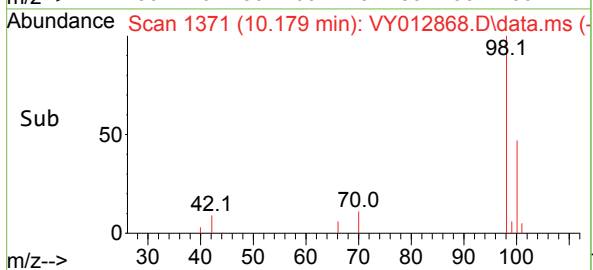
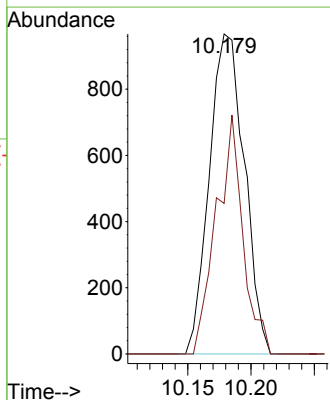
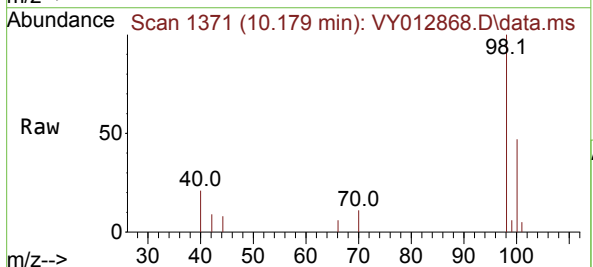


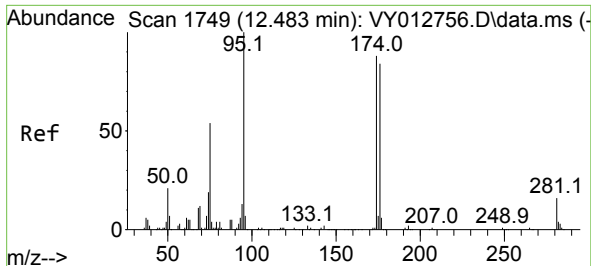
Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Tgt Ion: 98 Resp: 1864
Ion Ratio Lower Upper
98 100
100 56.7 50.9 76.3

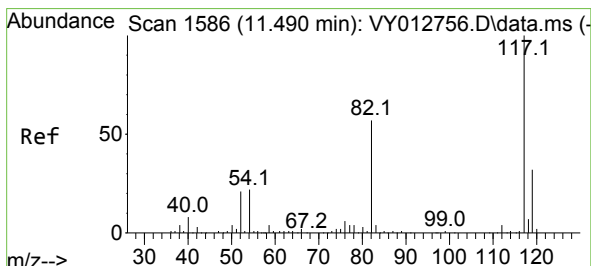
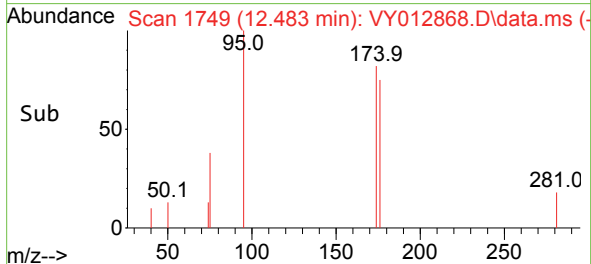
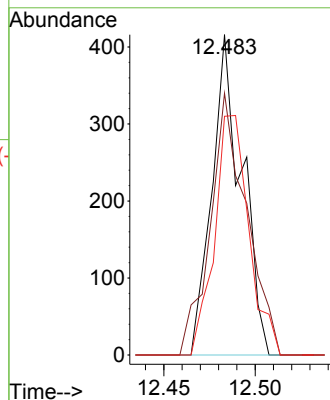
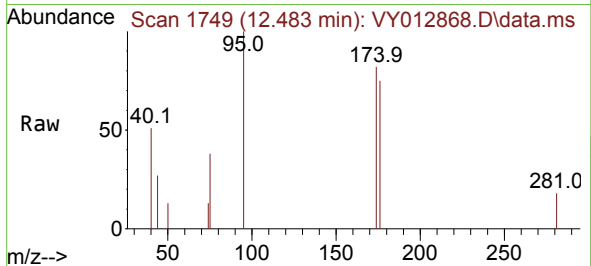




#62
4-Bromofluorobenzene
Concen: 41.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

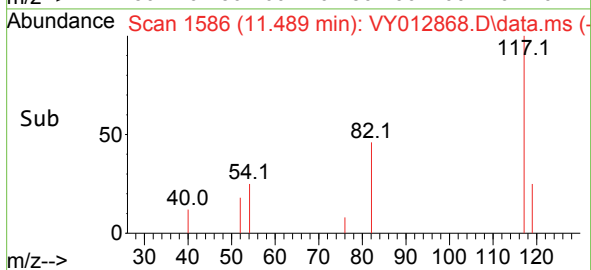
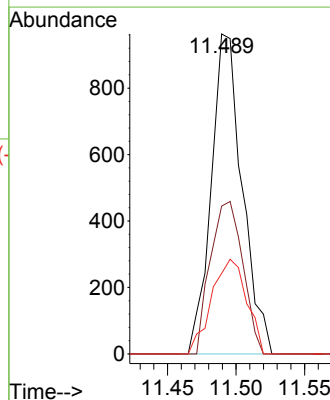
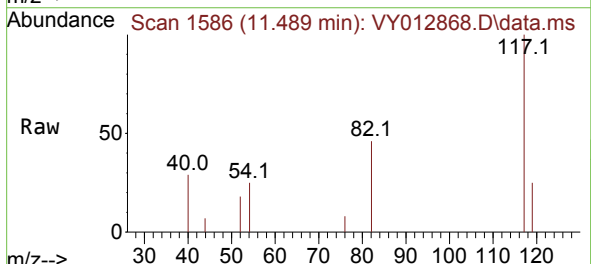
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

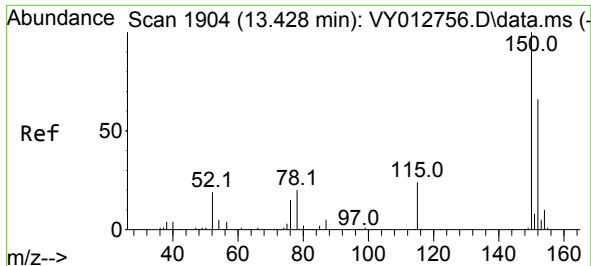
Tgt Ion:	95	Resp:	473
Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	176.6
176	85.8	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

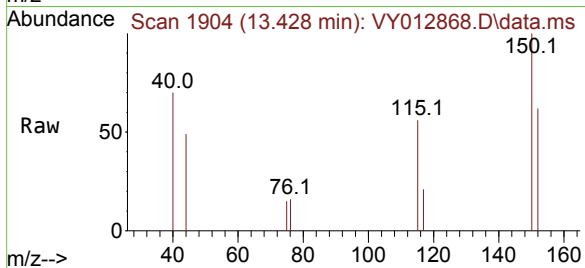
Tgt Ion:	117	Resp:	1514
Ion	Ratio	Lower	Upper
117	100		
82	46.2	45.4	68.0
119	25.1	25.6	38.4



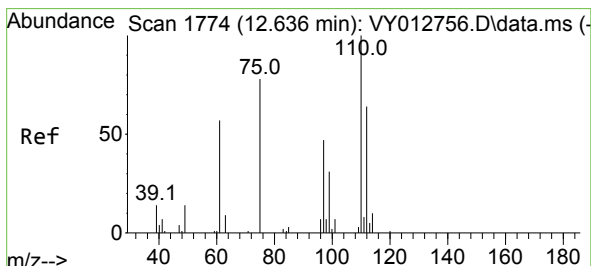
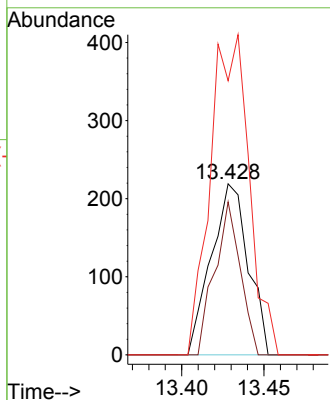
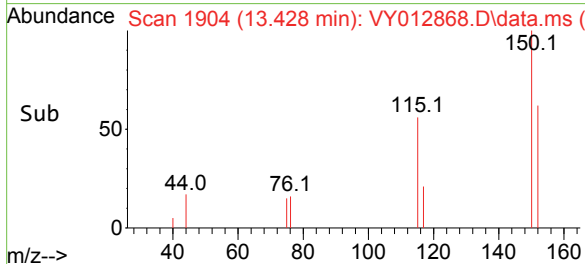


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012868.D
 Acq: 08 Mar 2023 14:05

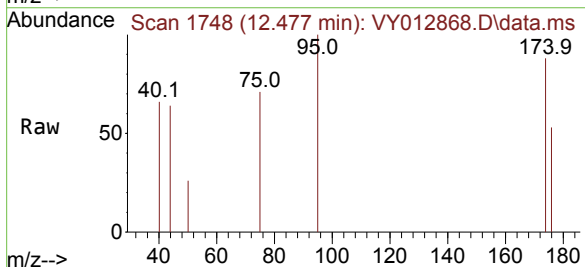
Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP2-0306RE



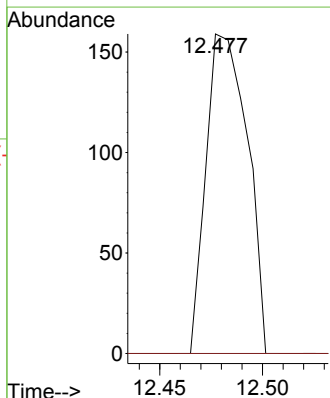
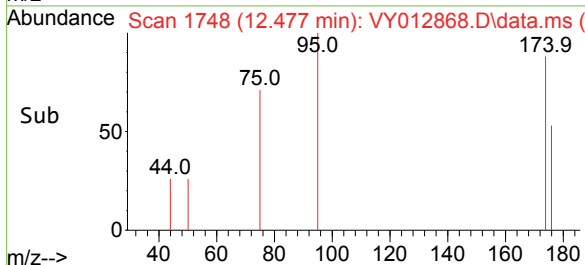
Tgt Ion:152 Resp: 343
 Ion Ratio Lower Upper
 152 100
 115 61.8 27.1 81.3
 150 195.6 0.0 347.8

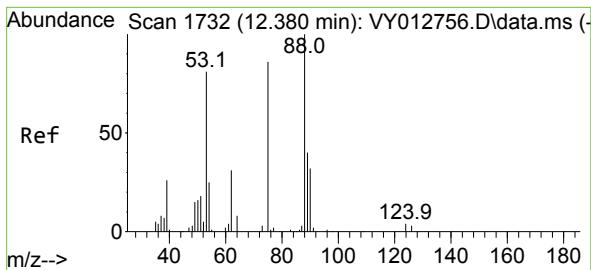


#76
 1,2,3-Trichloropropane
 Concen: 54.200 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY012868.D
 Acq: 08 Mar 2023 14:05



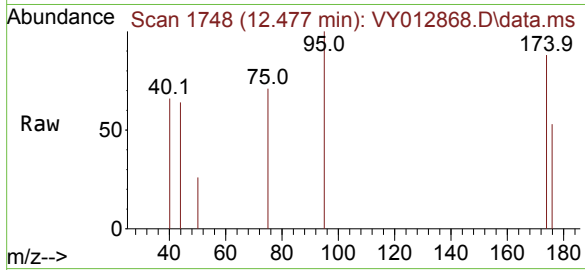
Tgt Ion: 75 Resp: 222
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.303 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY012868.D
 Acq: 08 Mar 2023 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP2-0306RE



Tgt Ion: 75 Resp: 222

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#

