

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015113.D
 Acq On : 15 Aug 2023 19:04
 Operator : SY/MD
 Sample : 04016-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

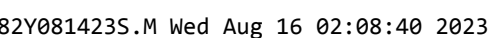
Quant Time: Aug 16 02:08:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

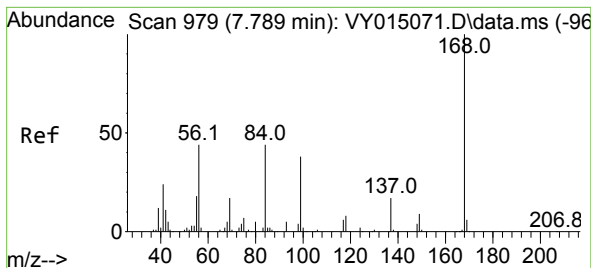
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	52985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	84221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32292	50.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.540%	
35) Dibromofluoromethane	7.716	113	28142	49.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.000%	
50) Toluene-d8	10.179	98	103836	49.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	12.477	95	37465	48.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	246	Below Cal		96
5) Bromomethane	2.662	94	265	Below Cal	#	55
11) Tert butyl alcohol	4.936	59	1586	Below Cal	#	89
16) Acetone	3.954	43	2546	12.253	ug/l	94
20) Methylene Chloride	4.704	84	6708	10.009	ug/l #	73
25) 2-Butanone	6.978	43	1965	6.679	ug/l #	69
26) 2,2-Dichloropropane	6.972	77	2386	2.803	ug/l #	54
31) Cyclohexane	7.783	56	1206	Below Cal	#	42
36) 1,1-Dichloropropene	7.789	75	4330	6.885	ug/l #	48
37) Ethyl Acetate	6.978	43	1965	3.352	ug/l #	1
38) Carbon Tetrachloride	7.789	117	5209	6.998	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	20149	41.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20149	90.691	ug/l #	10

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

Quant Time: Aug 16 02:08:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015113.D

Acq: 15 Aug 2023 19:04

Instrument :

MSVOA_Y

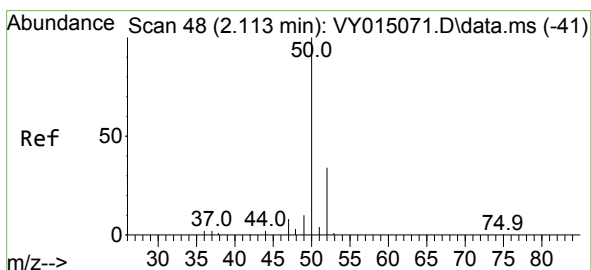
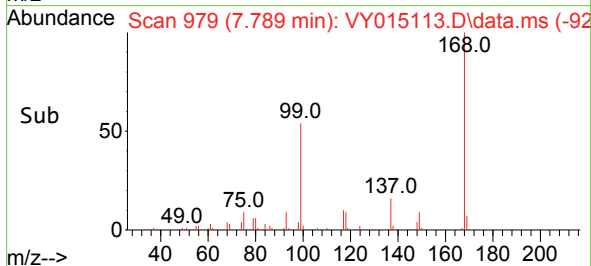
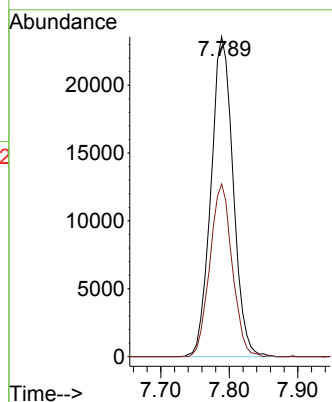
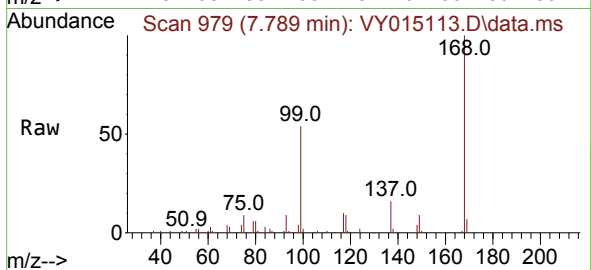
ClientSampleId :

Tgt Ion:168 Resp: 52985

Ion Ratio Lower Upper

168 100

99 54.0 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.006 min

Lab File: VY015113.D

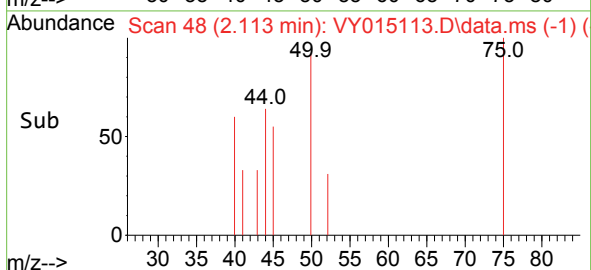
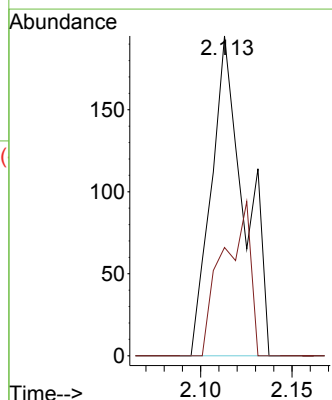
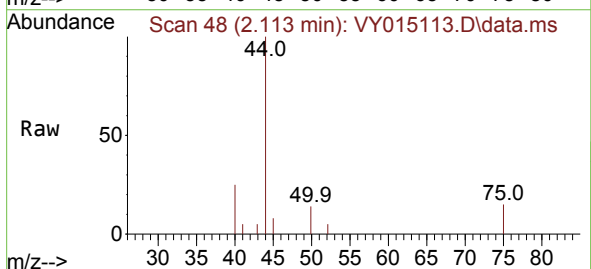
Acq: 15 Aug 2023 19:04

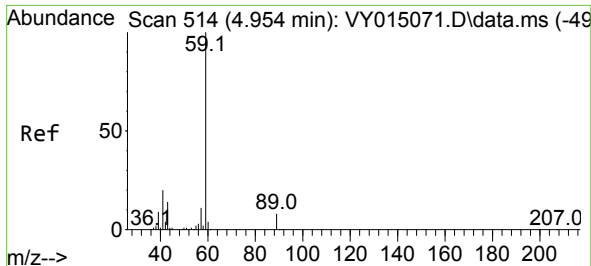
Tgt Ion: 50 Resp: 246

Ion Ratio Lower Upper

50 100

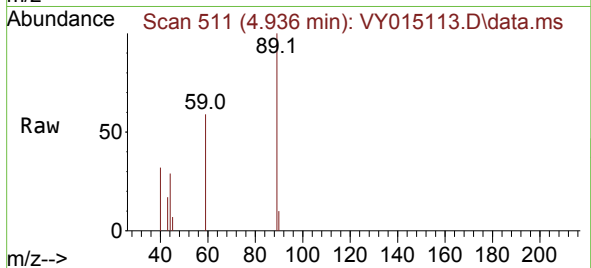
52 33.8 25.4 38.2



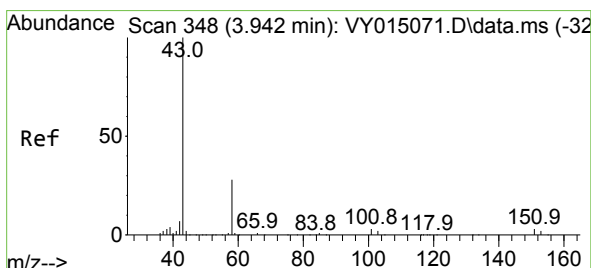
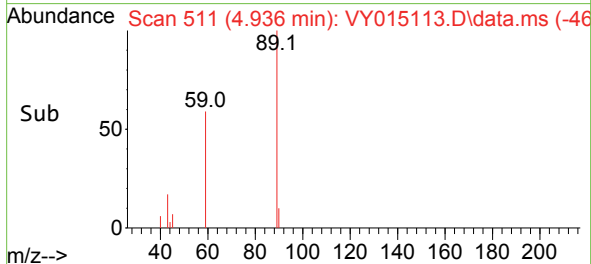
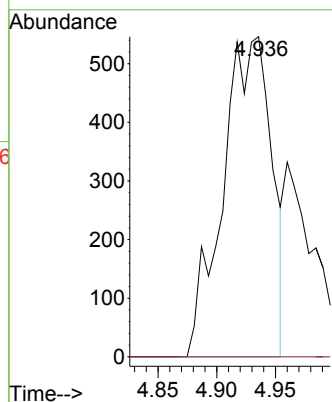


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

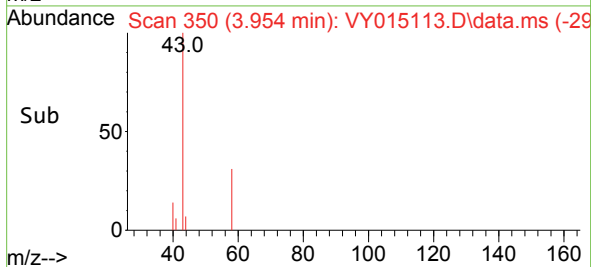
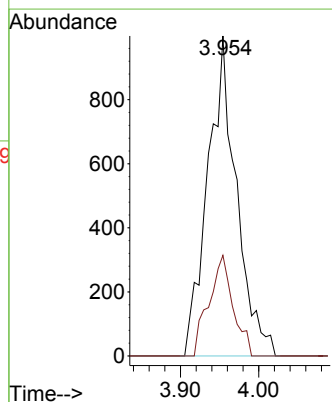
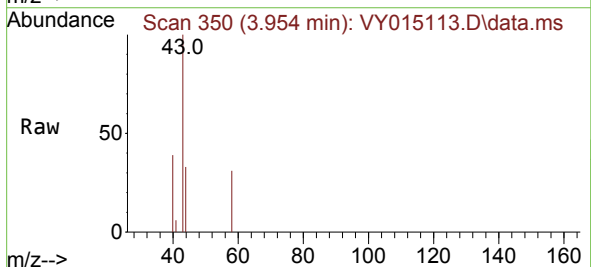


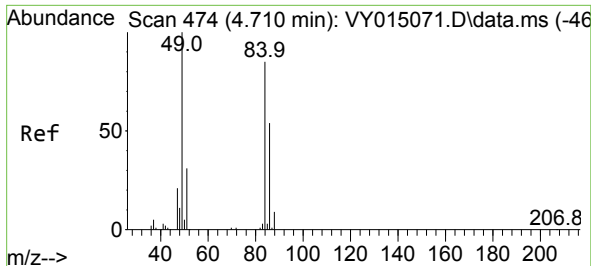
Tgt Ion: 59 Resp: 1586
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 12.253 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

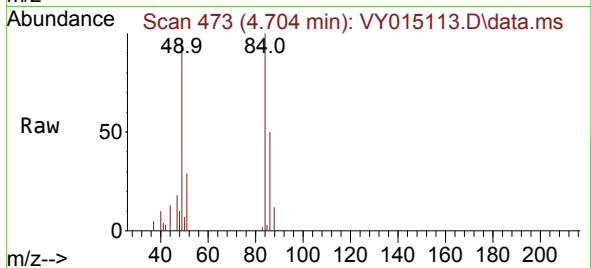
Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



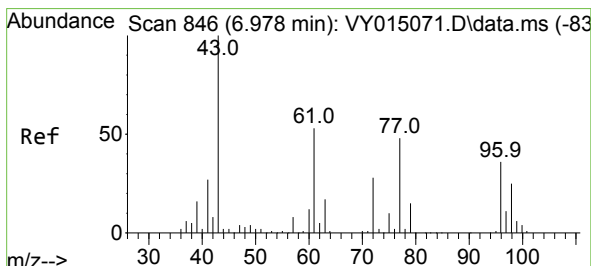
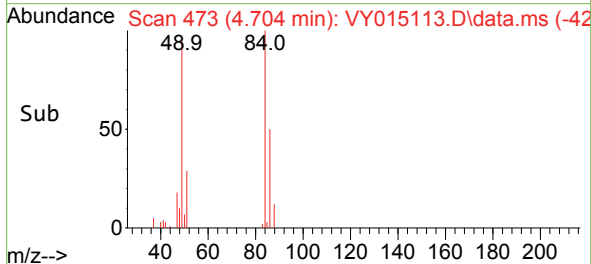
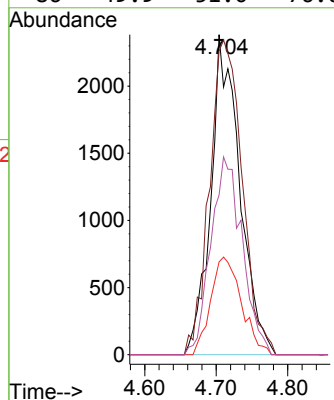


#20
Methylene Chloride
Concen: 10.009 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

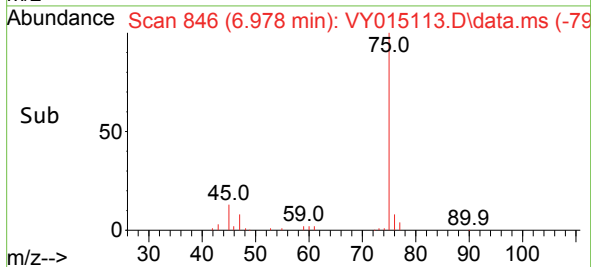
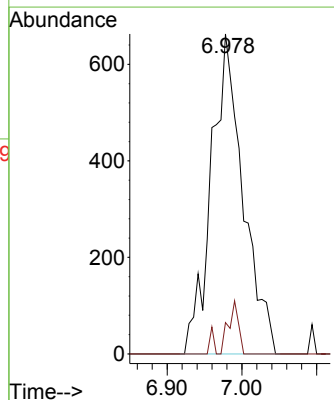
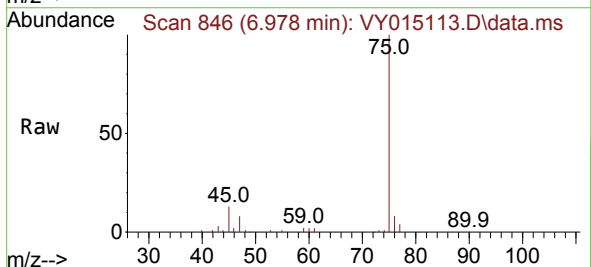


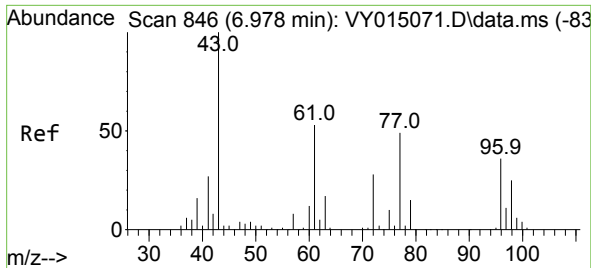
Tgt Ion: 84 Resp: 6708
Ion Ratio Lower Upper
84 100
49 94.8 106.9 160.3#
51 29.0 33.2 49.8#
86 49.9 51.0 76.6#



#25
2-Butanone
Concen: 6.679 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 43 Resp: 1965
Ion Ratio Lower Upper
43 100
72 9.8 20.5 30.7#

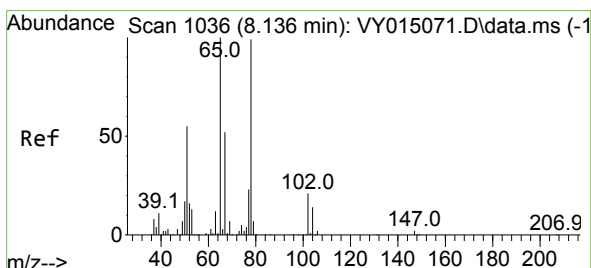
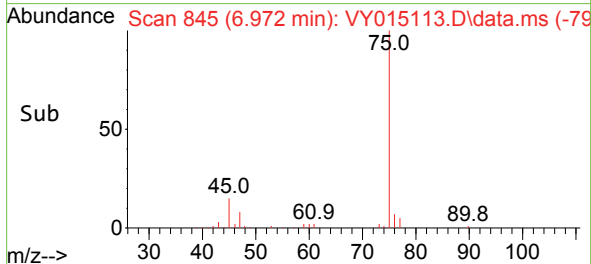
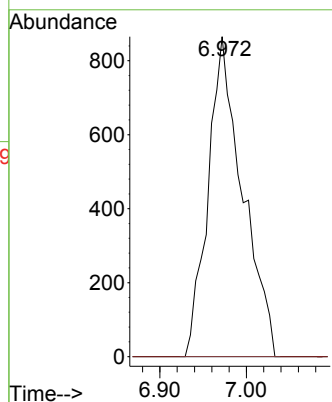
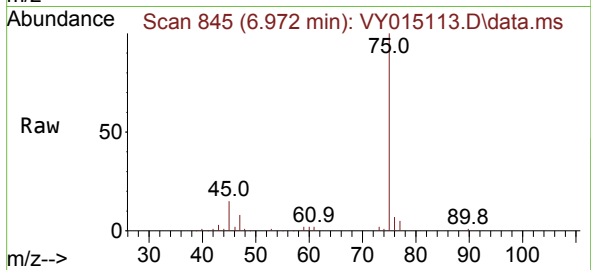




#26
2,2-Dichloropropane
Concen: 2.803 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

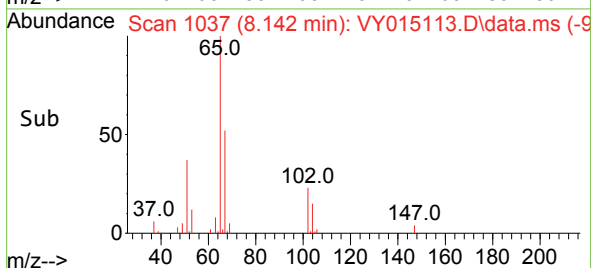
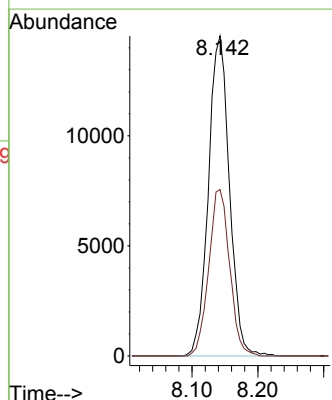
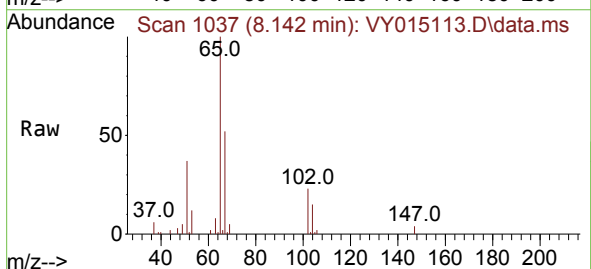
Instrument :
MSVOA_Y
ClientSampleId :

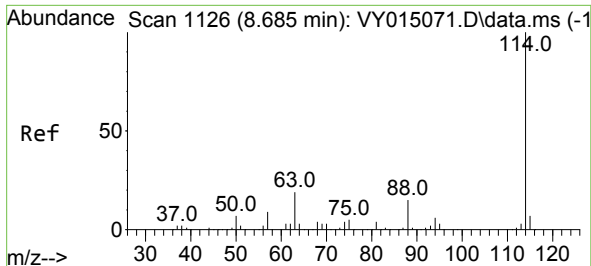
Tgt Ion: 77 Resp: 2386
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 50.771 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 65 Resp: 32292
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015113.D

Acq: 15 Aug 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

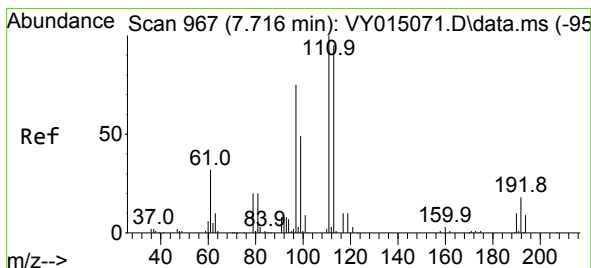
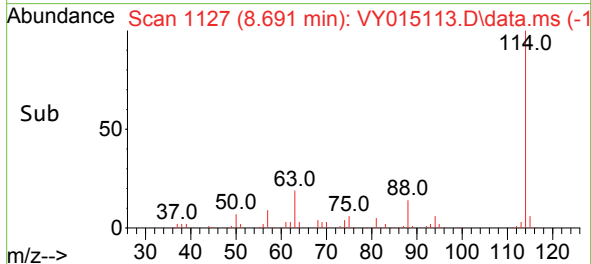
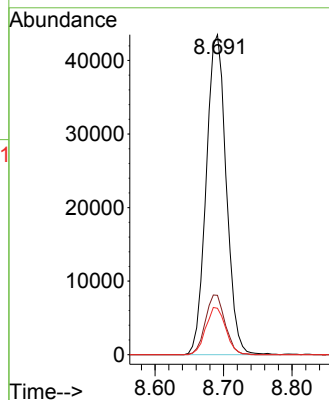
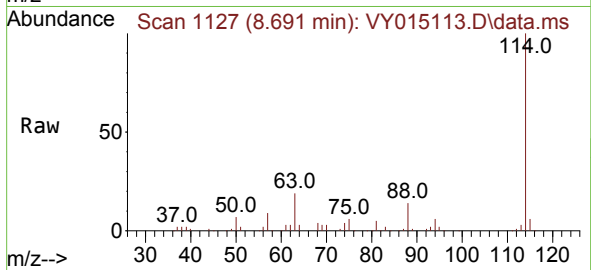
Tgt Ion:114 Resp: 88363

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.505 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015113.D

Acq: 15 Aug 2023 19:04

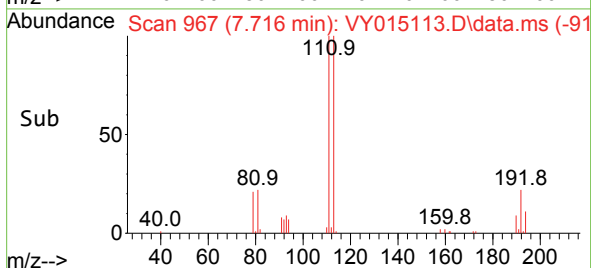
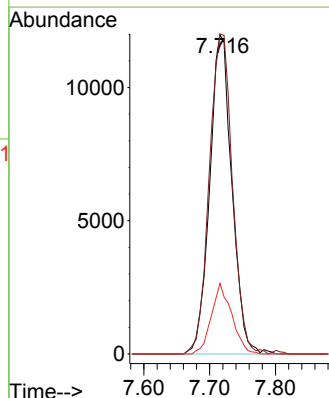
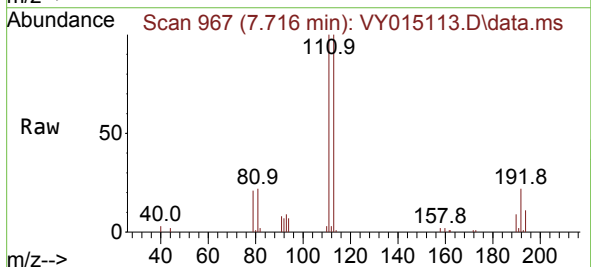
Tgt Ion:113 Resp: 28142

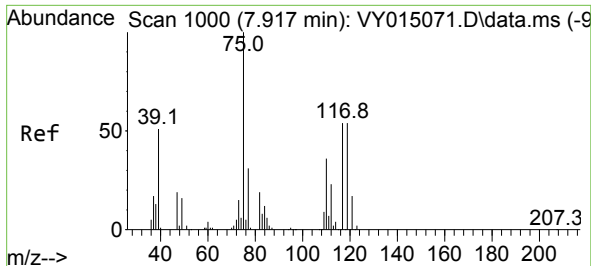
Ion Ratio Lower Upper

113 100

111 104.4 81.3 121.9

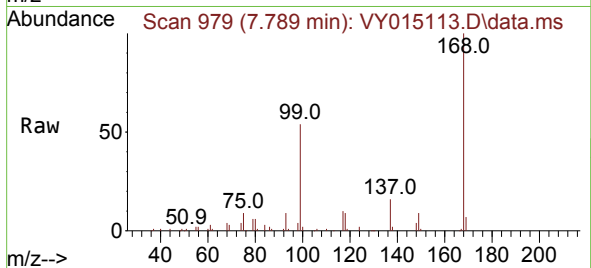
192 20.3 16.9 25.3



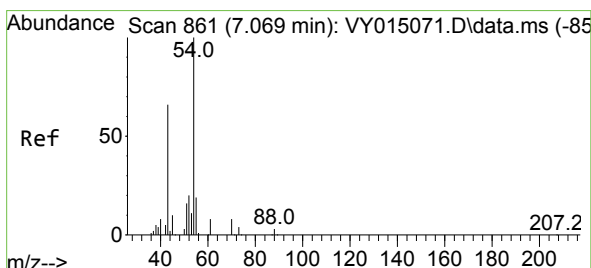
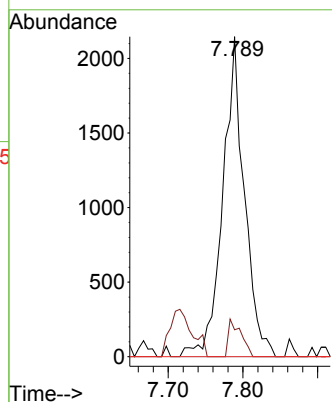
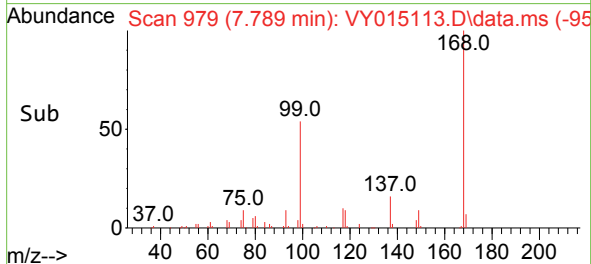


#36
1,1-Dichloropropene
Concen: 6.885 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

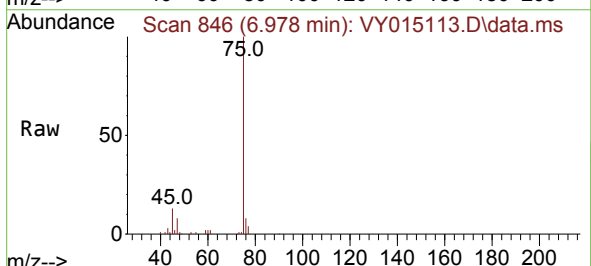
Instrument :
MSVOA_Y
ClientSampleId :



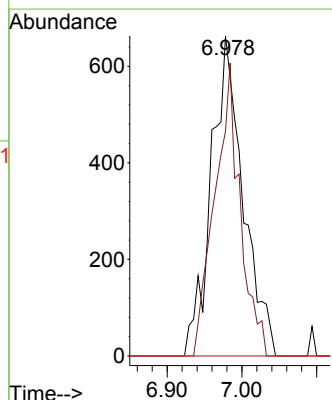
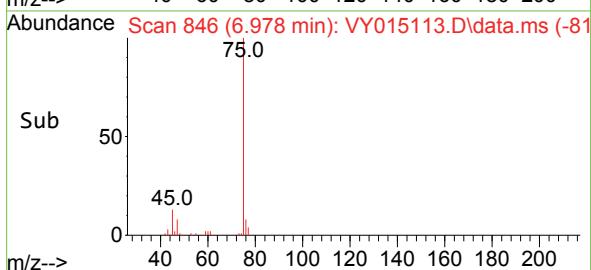
Tgt Ion: 75 Resp: 4330
Ion Ratio Lower Upper
75 100
110 6.8 17.8 53.5#
77 0.0 24.4 36.6#

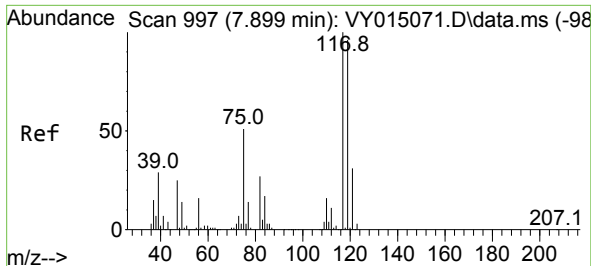


#37
Ethyl Acetate
Concen: 3.352 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04



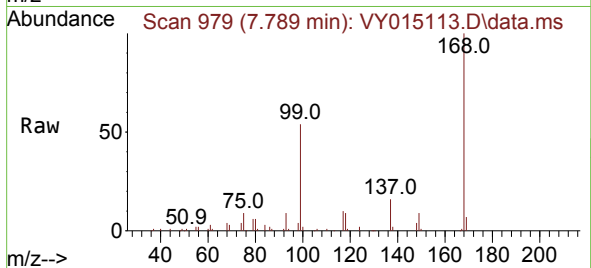
Tgt Ion: 43 Resp: 1965
Ion Ratio Lower Upper
43 100
61 72.6 10.1 15.1#
70 0.0 7.1 10.7#



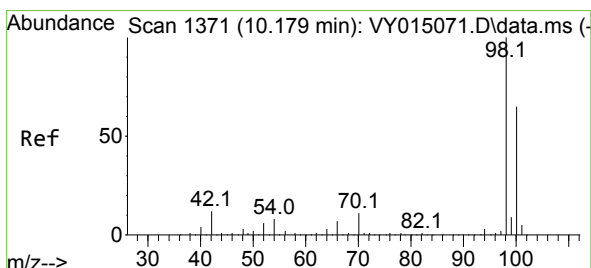
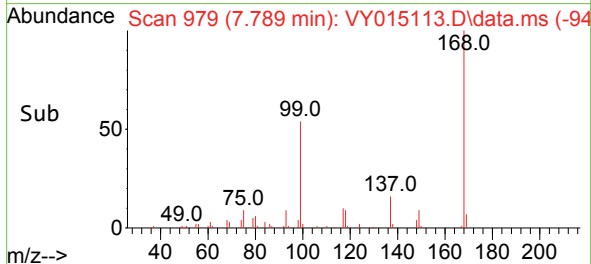
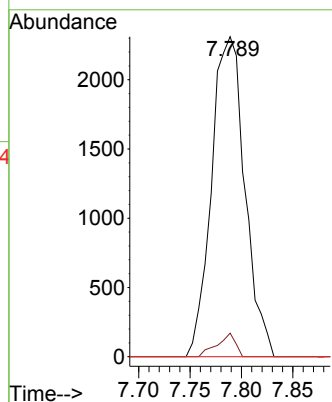


#38
Carbon Tetrachloride
Concen: 6.998 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

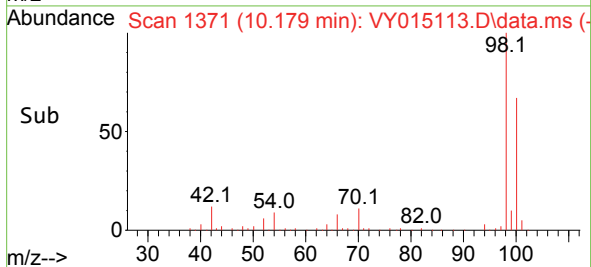
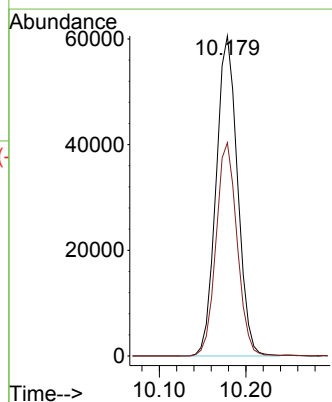
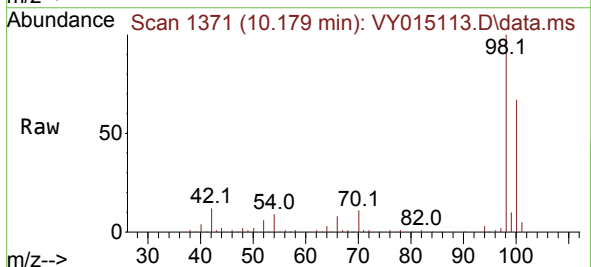


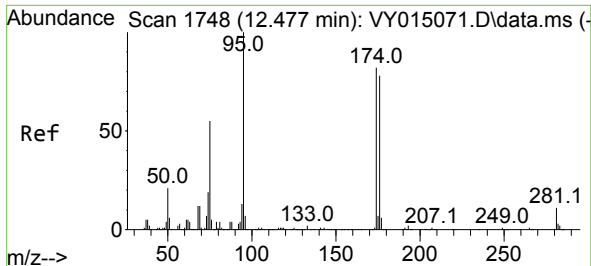
Tgt Ion:117 Resp: 5209
Ion Ratio Lower Upper
117 100
119 7.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.068 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 98 Resp: 103836
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

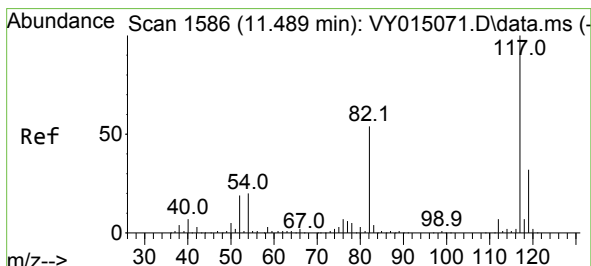
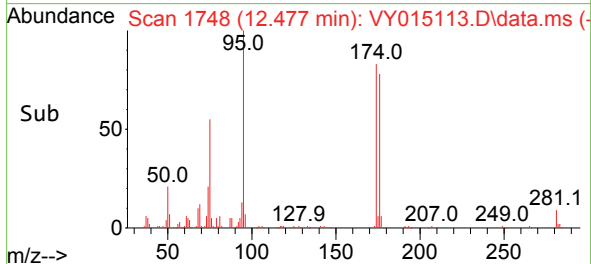
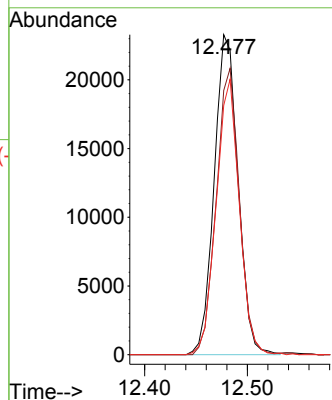
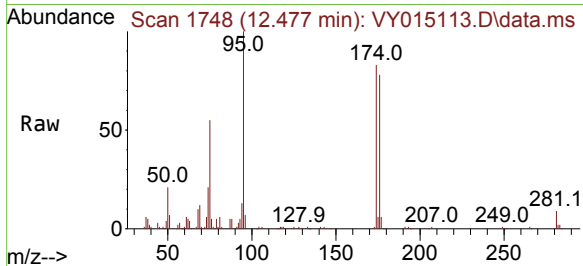




#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

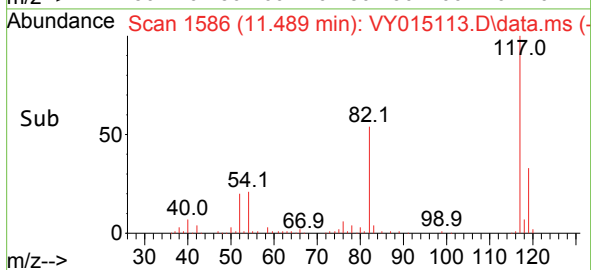
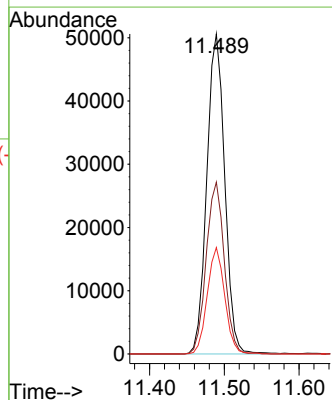
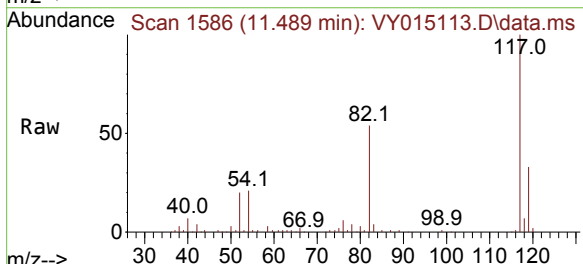
Instrument :
MSVOA_Y
ClientSampleId :

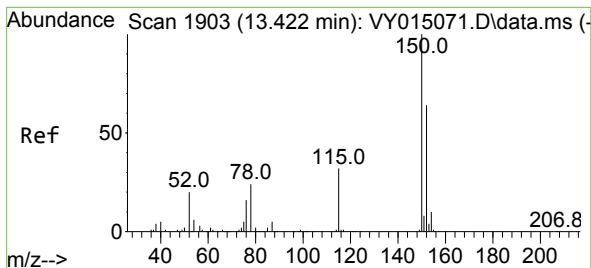
Tgt Ion: 95 Resp: 37465
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 117 Resp: 84221
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.3 26.3 39.5

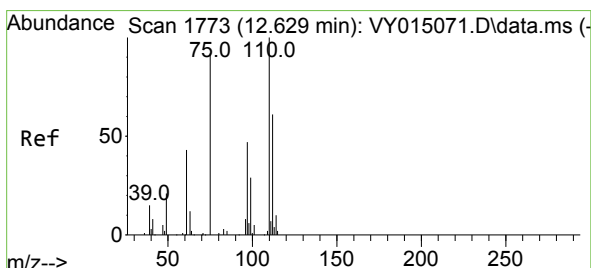
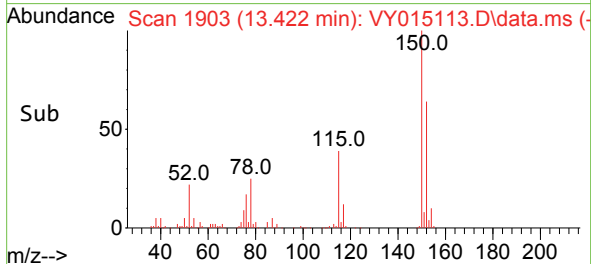
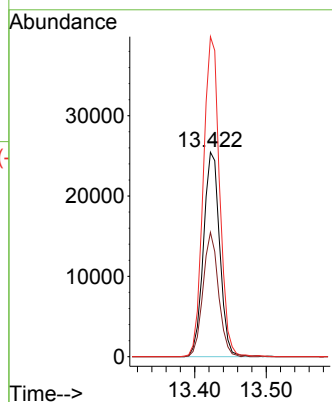
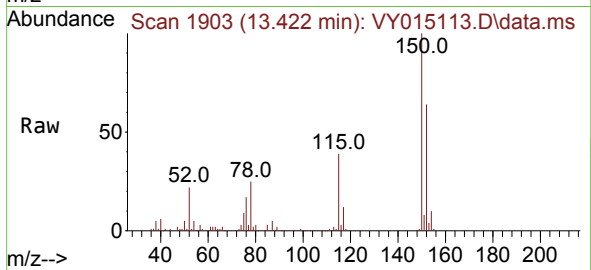




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015113.D
 Acq: 15 Aug 2023 19:04

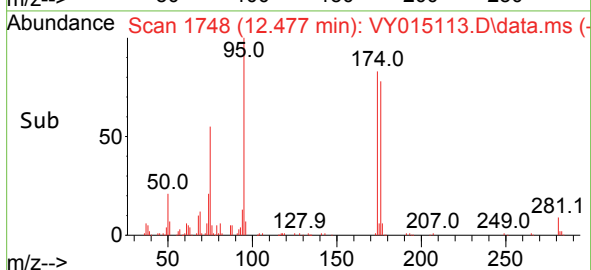
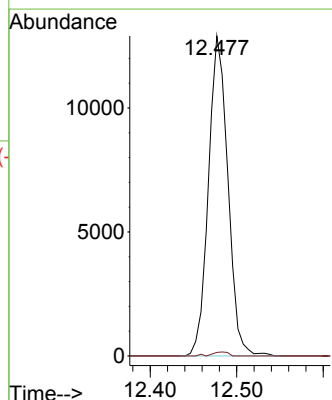
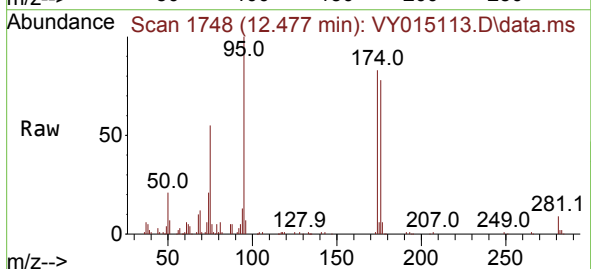
Instrument :
 MSVOA_Y
 ClientSampleId :

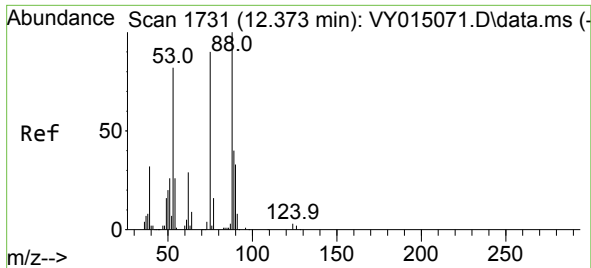
Tgt Ion:152 Resp: 40167
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 157.0 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 41.289 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015113.D
 Acq: 15 Aug 2023 19:04

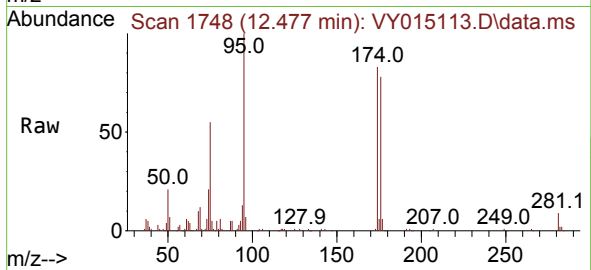
Tgt Ion: 75 Resp: 20149
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.691 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015113.D
 Acq: 15 Aug 2023 19:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

