

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008818.D
 Acq On : 18 May 2022 16:53
 Operator : KP/MD
 Sample : N2841-11
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-0006-01

Quant Time: May 19 03:11:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

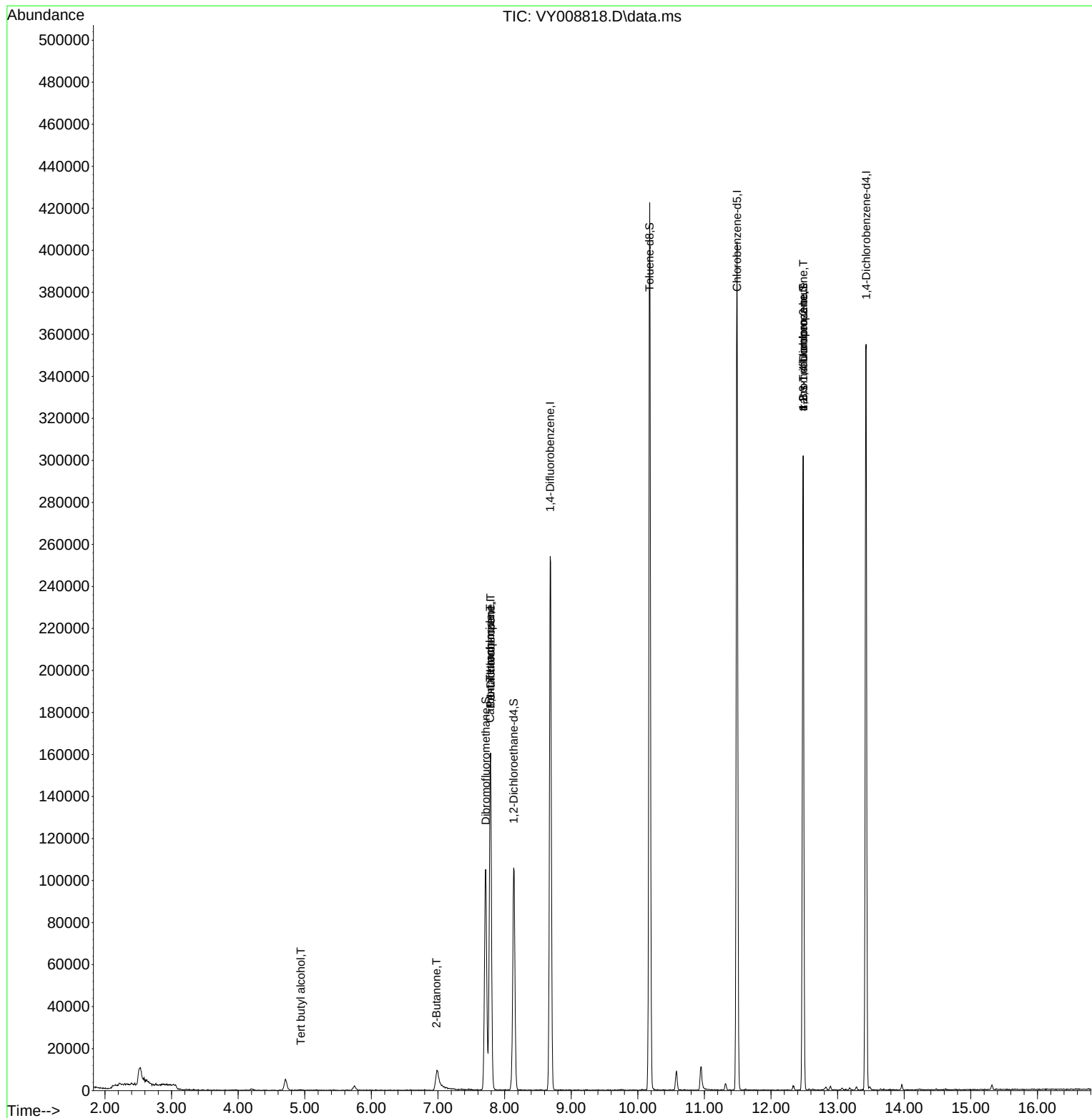
Internal Standards						
1) Pentafluorobenzene	7.789	168	122503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79458	69.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.840%	
35) Dibromofluoromethane	7.716	113	71855	56.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.740%	
50) Toluene-d8	10.179	98	271872	48.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.483	95	79018	39.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.680%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	191	Below Cal		91
3) Chloromethane	2.113	50	184	Below Cal		91
4) Vinyl Chloride	2.247	62	51	Below Cal	#	43
5) Bromomethane	2.662	94	221	Below Cal		98
6) Chloroethane	2.576	64	23	Below Cal	#	43
7) Trichlorofluoromethane	3.113	101	95	Below Cal	#	21
11) Tert butyl alcohol	4.942	59	210	1.672 ug/l	#	77
16) Acetone	3.948	43	237	Below Cal	#	47
18) Methyl Acetate	4.533	43	19	Below Cal	#	56
20) Methylene Chloride	4.710	84	3452	Below Cal	#	81
25) 2-Butanone	6.978	43	583	1.222 ug/l	#	54
31) Cyclohexane	7.783	56	3165	Below Cal	#	19
36) 1,1-Dichloropropene	7.789	75	10660	5.221 ug/l	#	50
38) Carbon Tetrachloride	7.783	117	12290	5.617 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	44559	43.992 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44559	96.223 ug/l	#	7

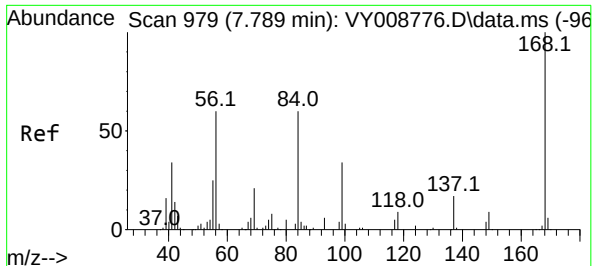
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008818.D
Acq On : 18 May 2022 16:53
Operator : KP/MD
Sample : N2841-11
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

Quant Time: May 19 03:11:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

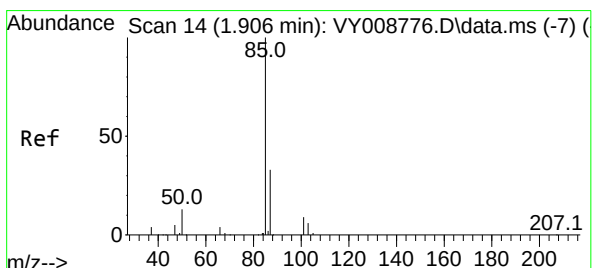
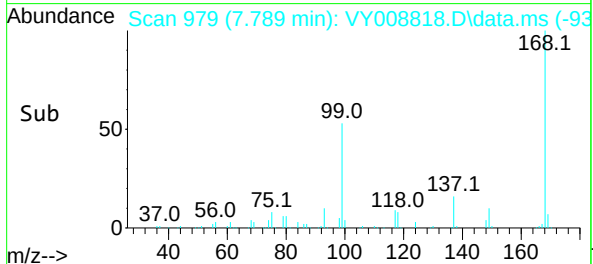
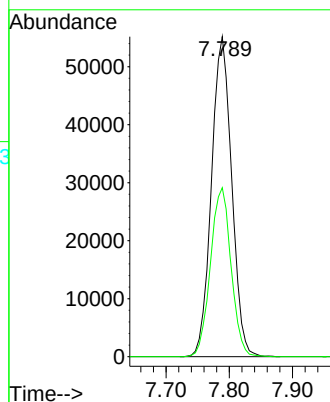
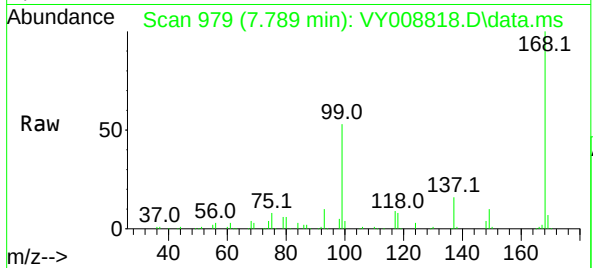




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

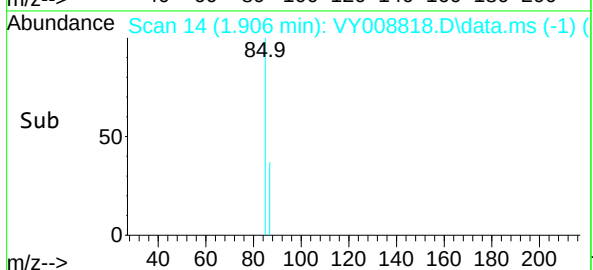
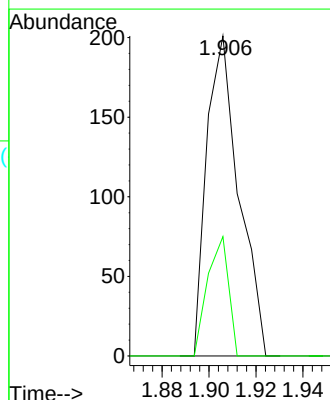
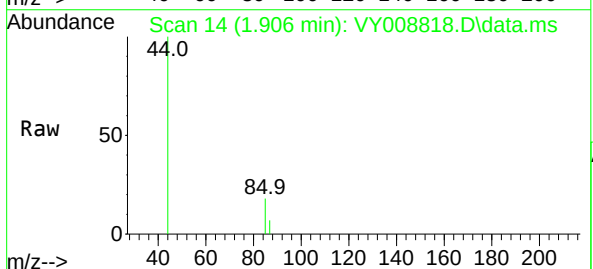
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

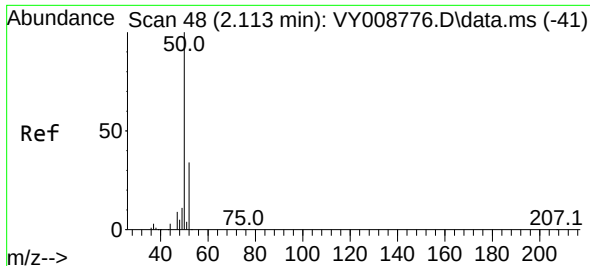
Tgt Ion:168 Resp: 122503
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 85 Resp: 191
Ion Ratio Lower Upper
85 100
87 37.3 16.1 48.2

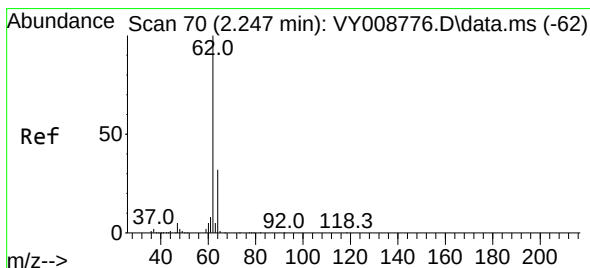
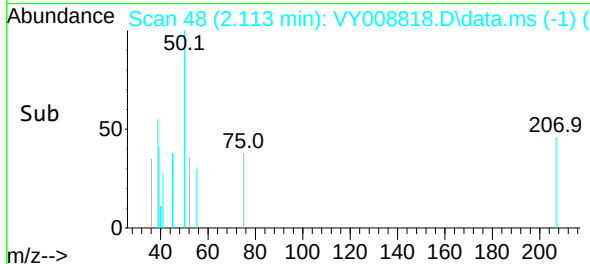
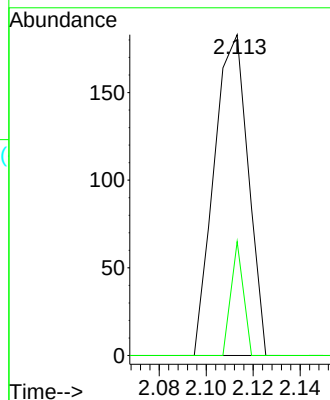
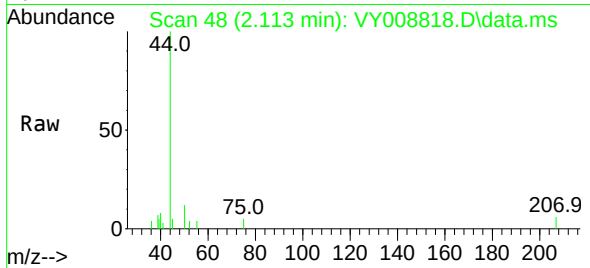




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

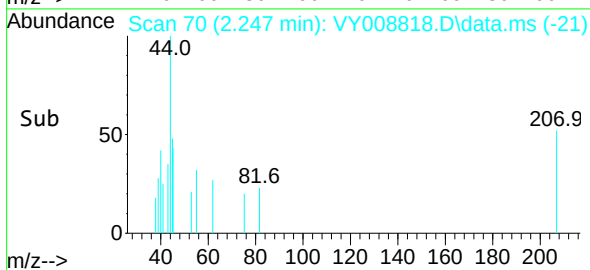
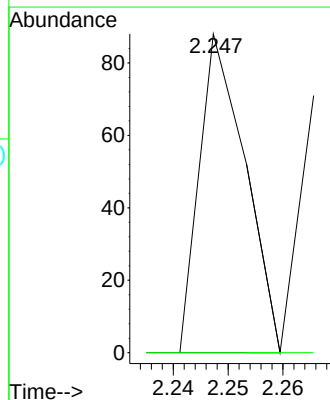
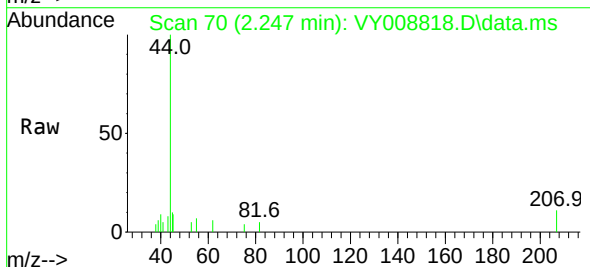
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

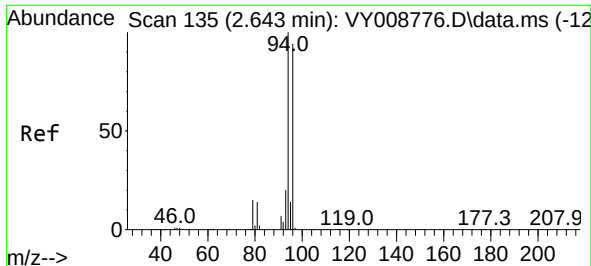
Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 35.5 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 62 Resp: 51
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

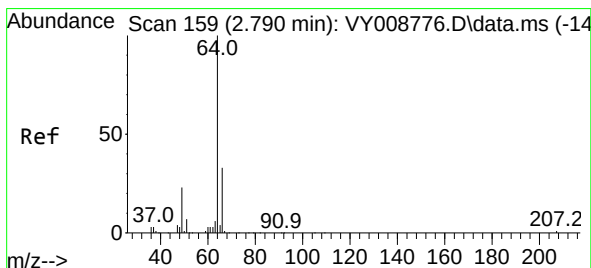
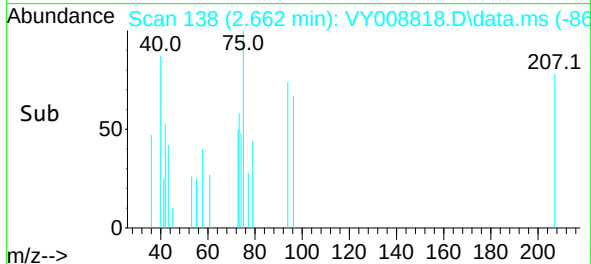
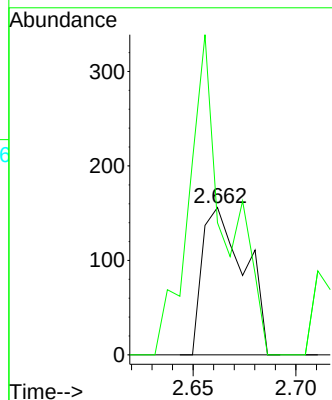
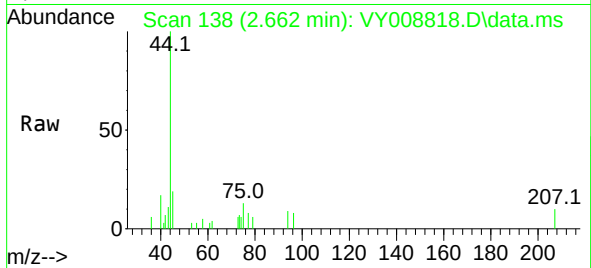




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

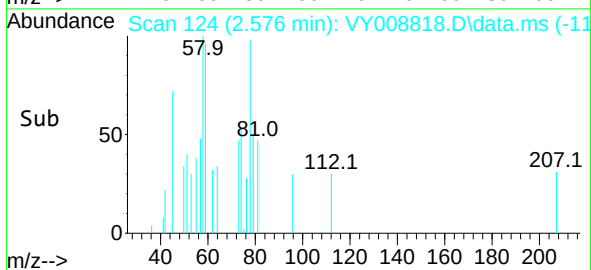
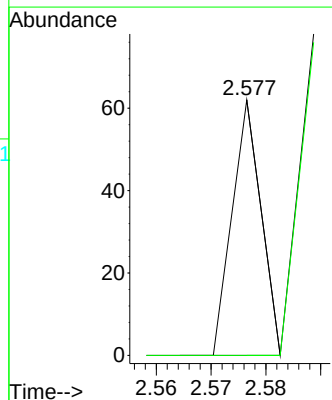
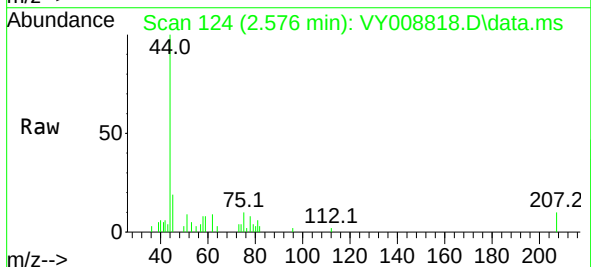
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

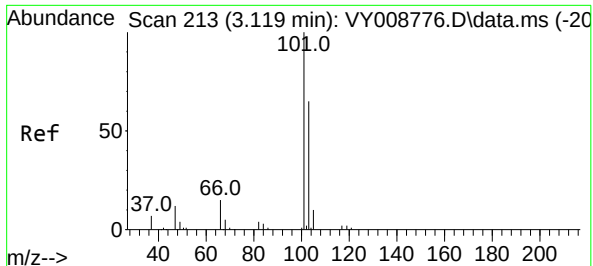
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 89.7 73.5 110.3



#6
Chloroethane
Concen: Below Cal
RT: 2.576 min Scan# 124
Delta R.T. -0.214 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

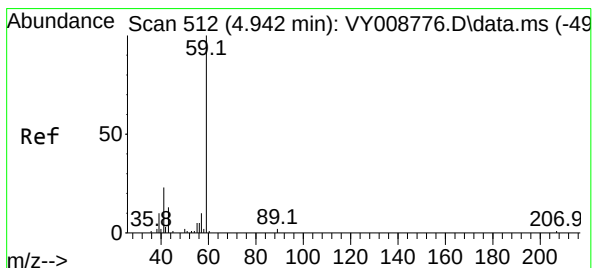
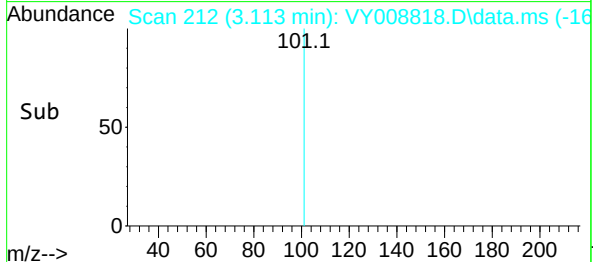
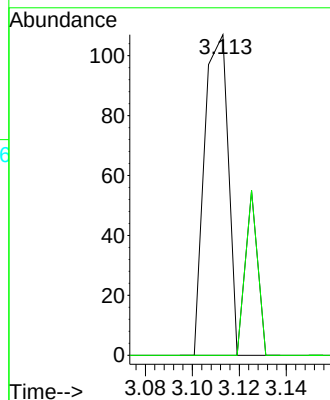
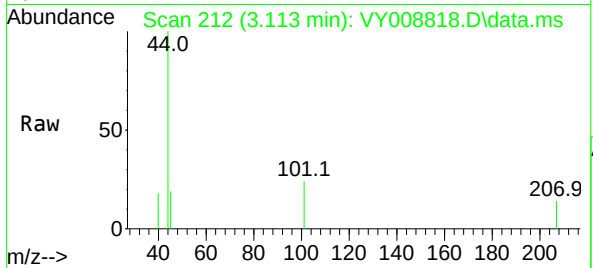




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.113 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

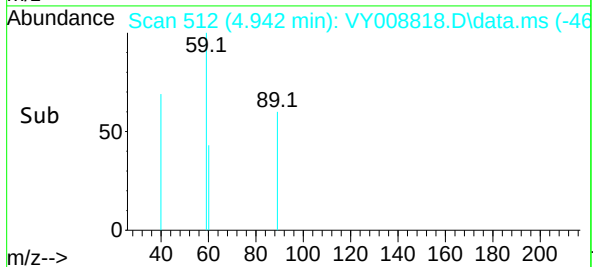
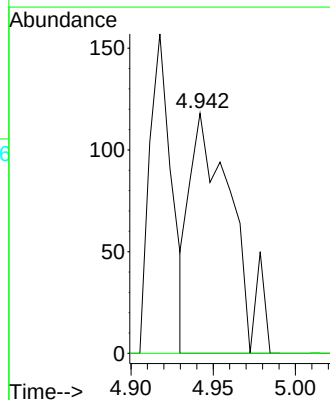
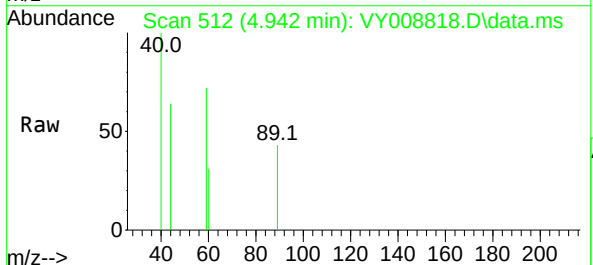
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

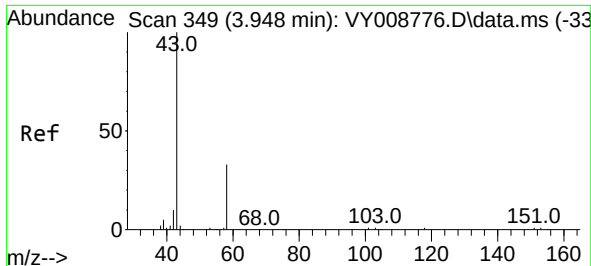
Tgt Ion:101 Resp: 95
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



#11
Tert butyl alcohol
Concen: 1.672 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

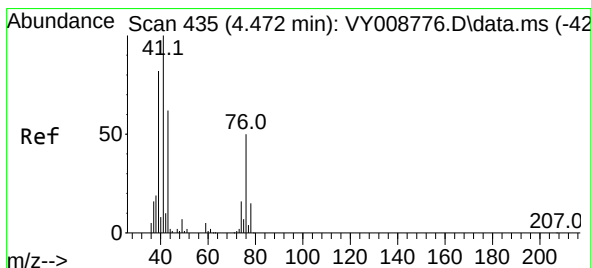
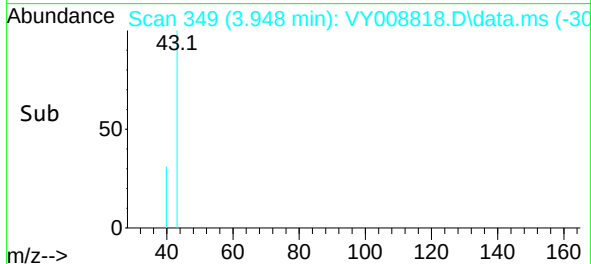
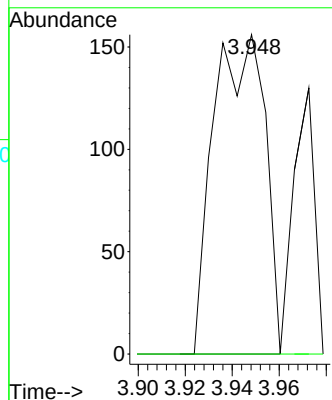
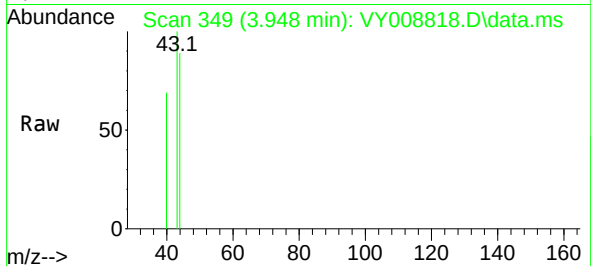




#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

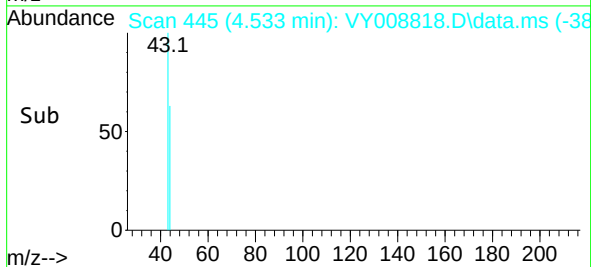
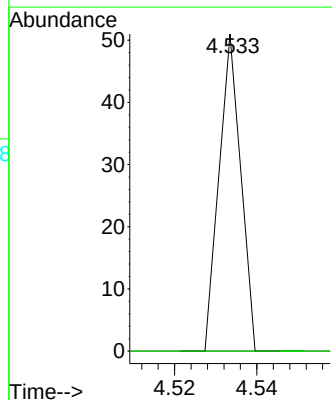
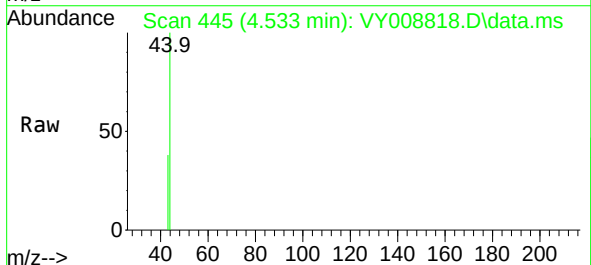
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

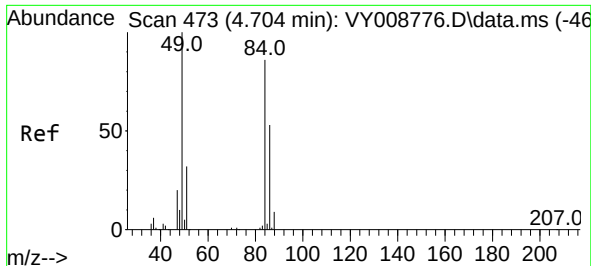
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.533 min Scan# 445
Delta R.T. 0.061 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

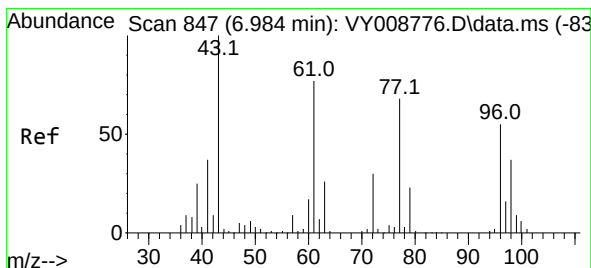
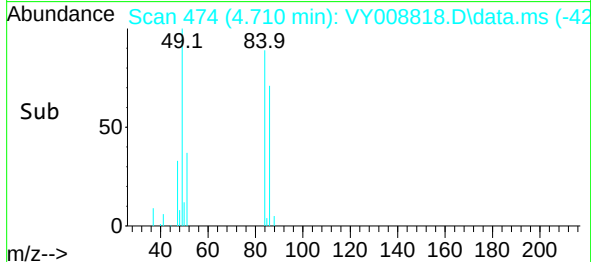
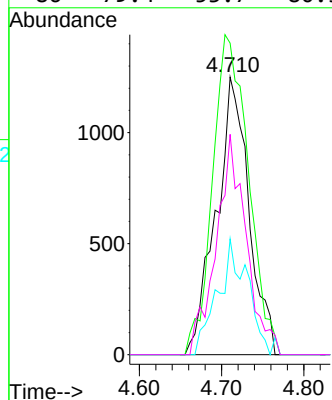
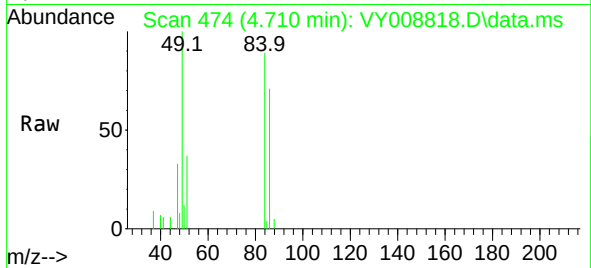




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

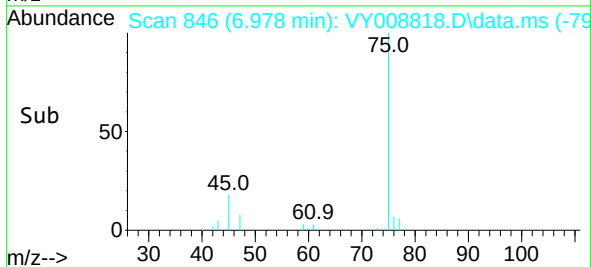
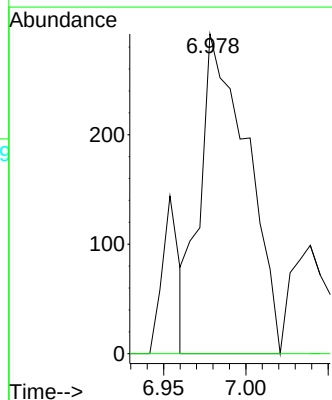
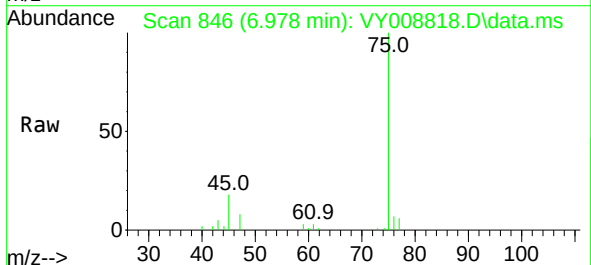
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

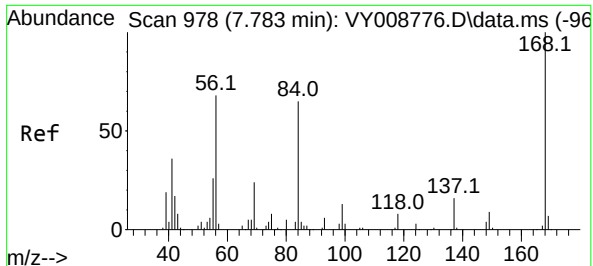
Tgt Ion: 84 Resp: 3452
Ion Ratio Lower Upper
84 100
49 112.2 114.4 171.6#
51 41.8 35.3 52.9
86 79.4 53.7 80.5



#25
2-Butanone
Concen: 1.222 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

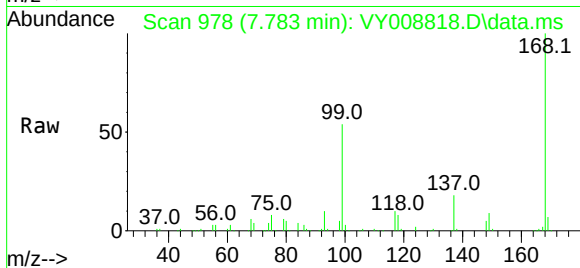
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



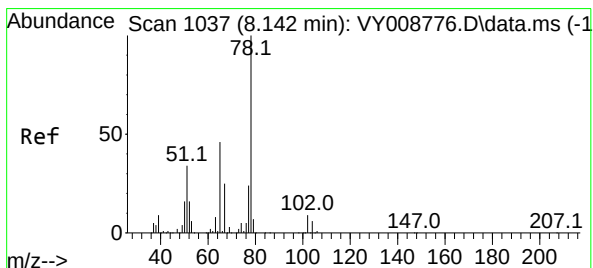
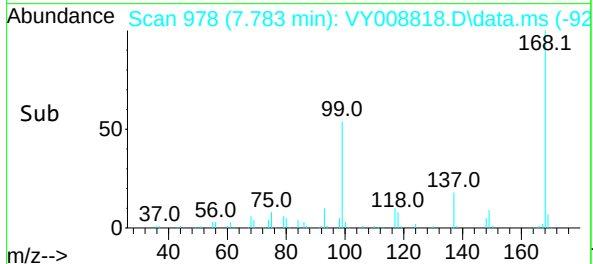
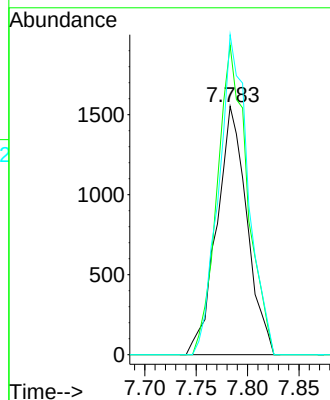


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

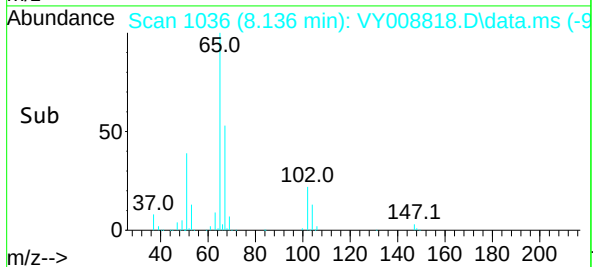
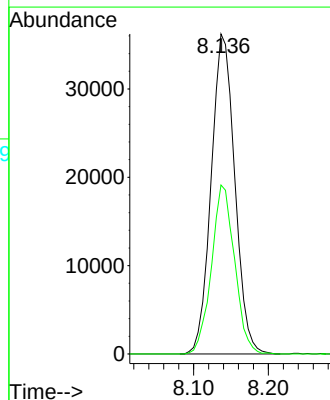
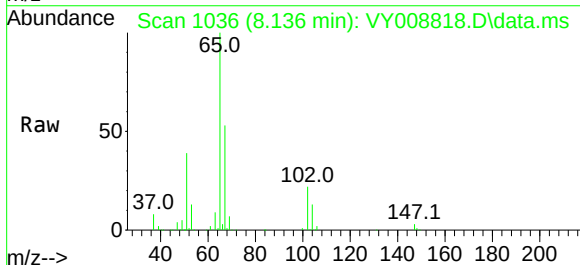


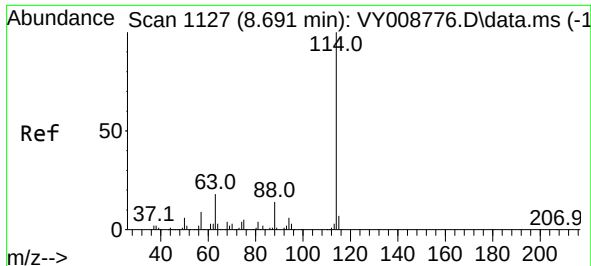
Tgt Ion: 56 Resp: 3165
Ion Ratio Lower Upper
56 100
69 124.5 26.7 40.1#
84 128.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.917 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 65 Resp: 79458
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008818.D

Acq: 18 May 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-0006-01

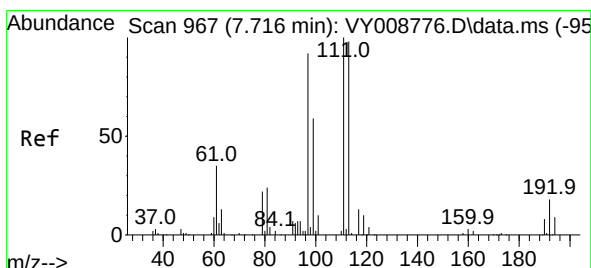
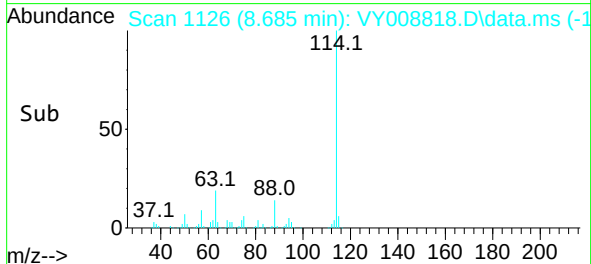
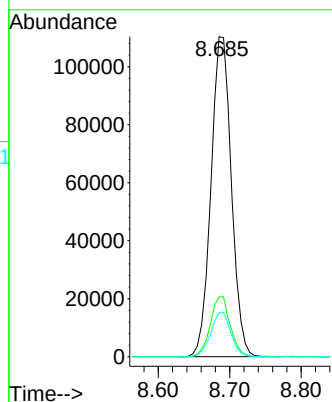
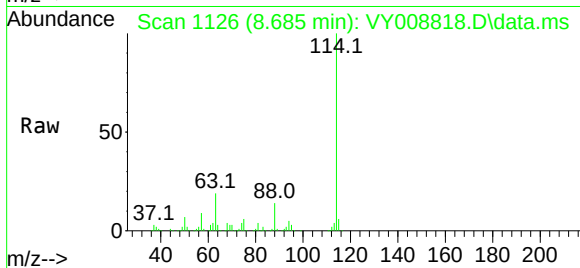
Tgt Ion:114 Resp: 218170

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.369 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008818.D

Acq: 18 May 2022 16:53

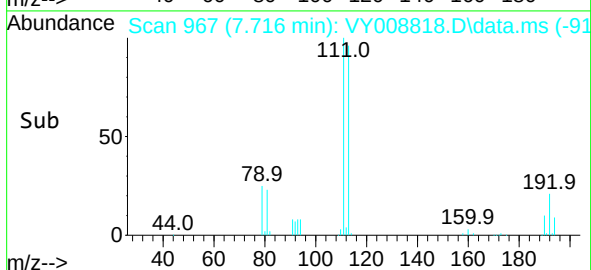
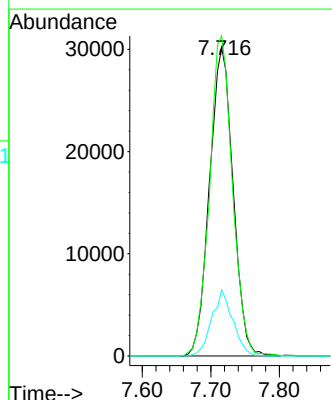
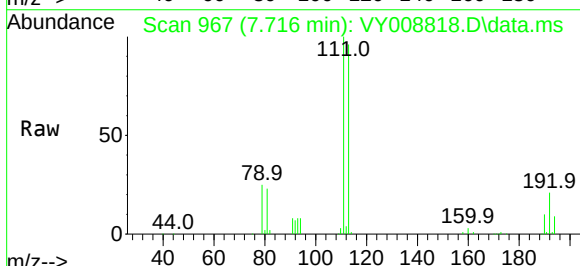
Tgt Ion:113 Resp: 71855

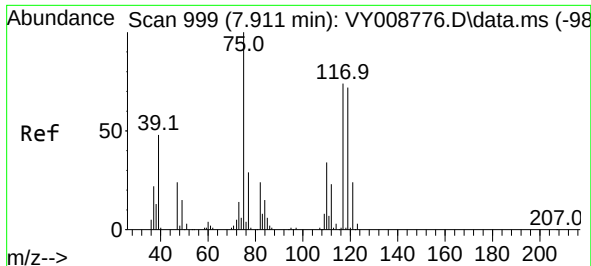
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 19.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.221 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008818.D

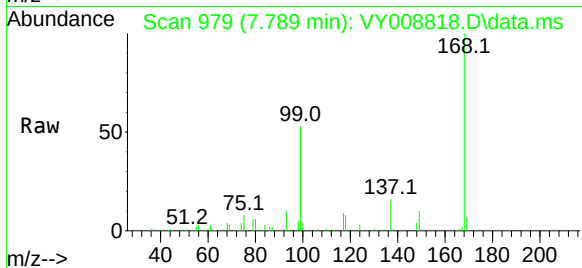
Acq: 18 May 2022 16:53

Instrument :

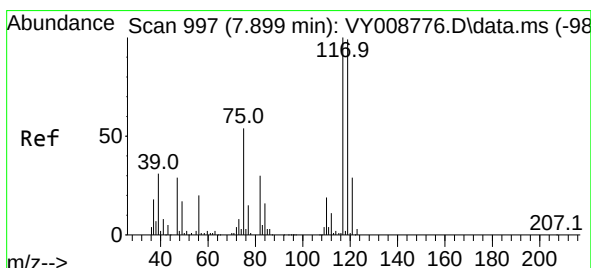
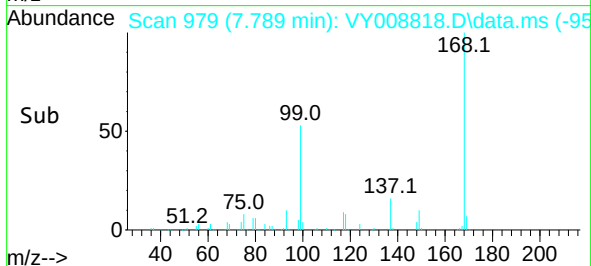
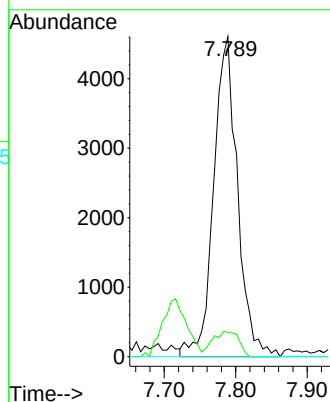
MSVOA_Y

ClientSampleId :

P006-SS002-0006-01



Tgt Ion:	75	Resp:	10660
Ion Ratio	Lower	Upper	
75	100		
110	8.7	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.617 ug/l

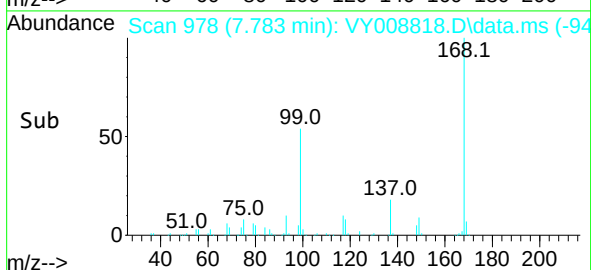
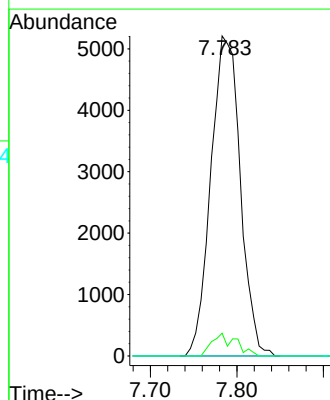
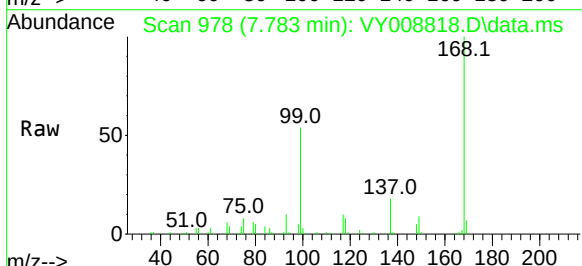
RT: 7.783 min Scan# 978

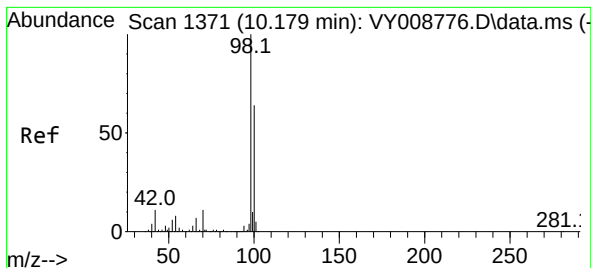
Delta R.T. -0.116 min

Lab File: VY008818.D

Acq: 18 May 2022 16:53

Tgt Ion:	117	Resp:	12290
Ion Ratio	Lower	Upper	
117	100		
119	7.1	77.9	116.9#
121	0.0	24.8	37.2#

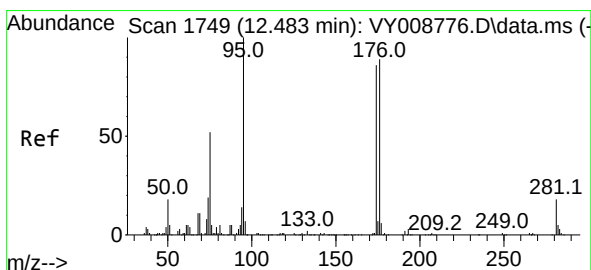
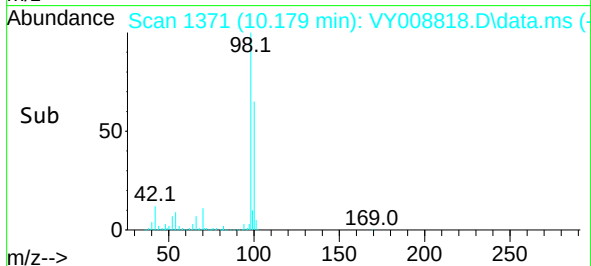
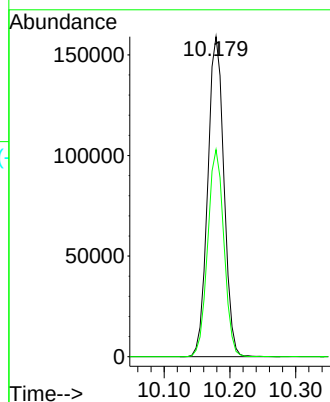
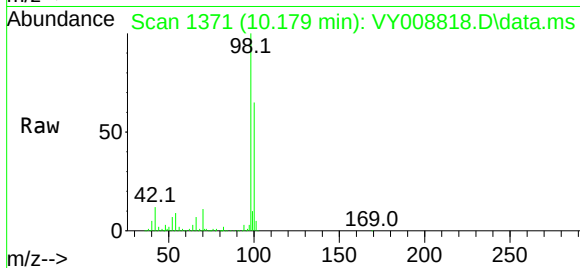




#50
Toluene-d8
Concen: 48.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

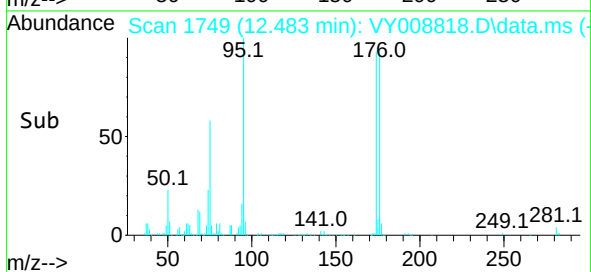
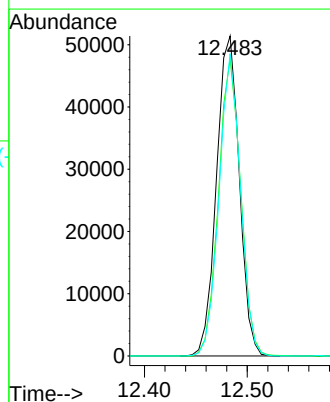
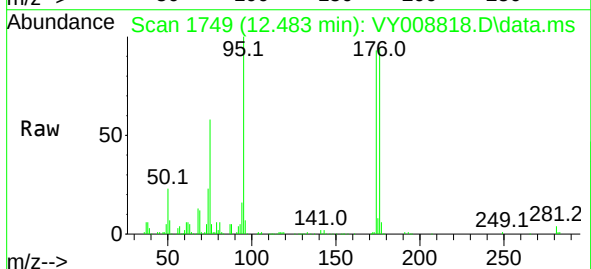
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

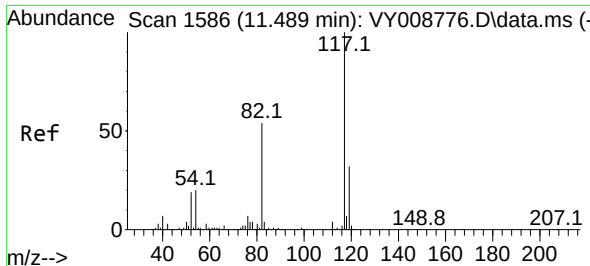
Tgt Ion: 98 Resp: 271872
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.840 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 95 Resp: 79018
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 88.6 0.0 175.8

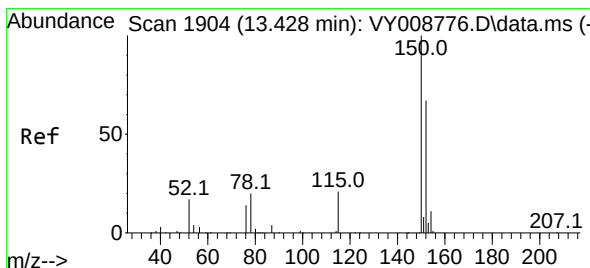
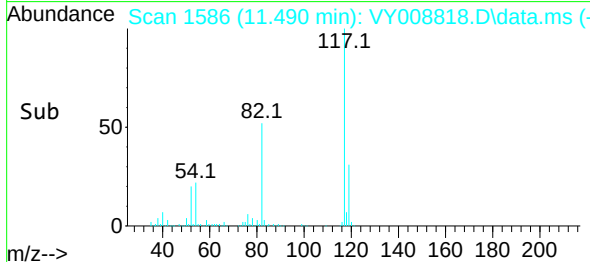
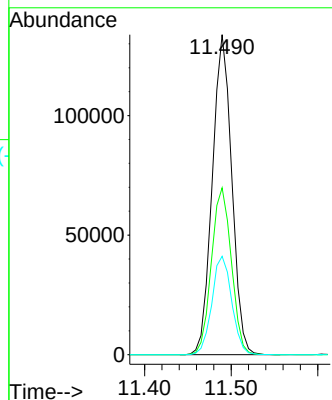
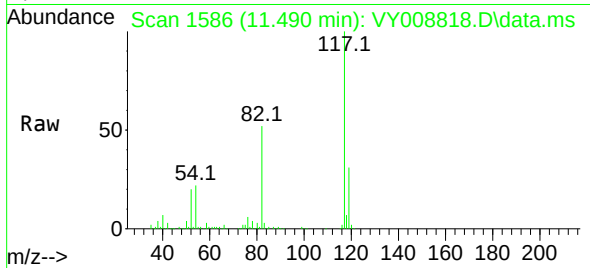




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

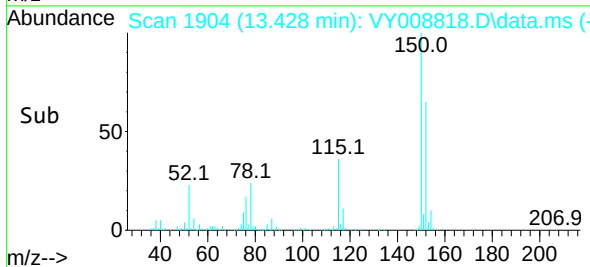
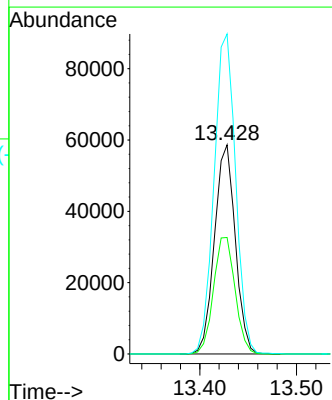
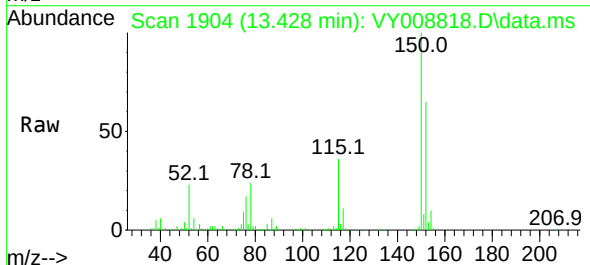
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

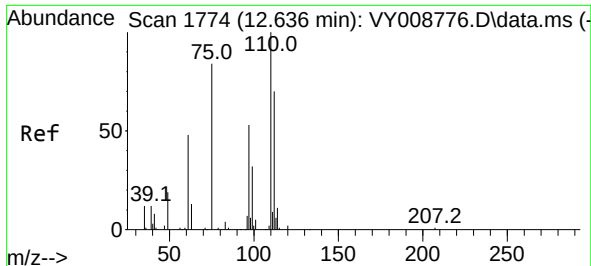
Tgt Ion:117 Resp: 209135
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion:152 Resp: 87685
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 158.2 0.0 347.6

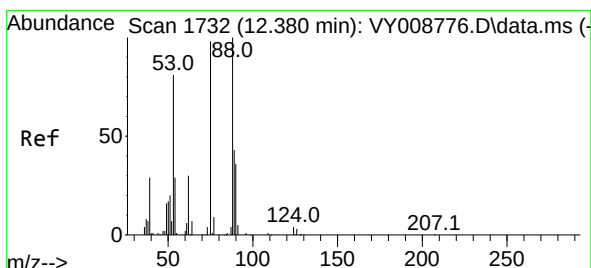
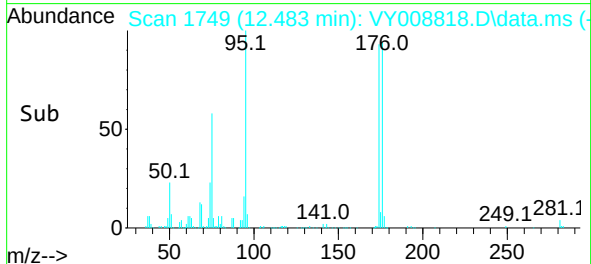
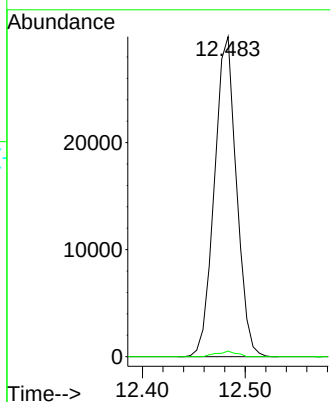
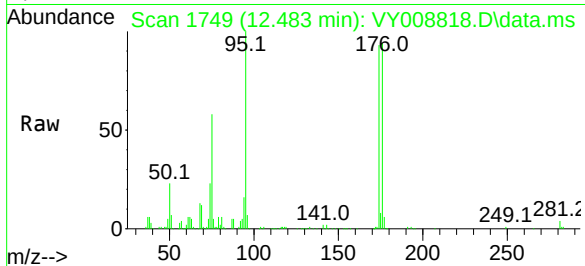




#76
1,2,3-Trichloropropane
Concen: 43.992 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-0006-01

Tgt Ion: 75 Resp: 44559
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008818.D
Acq: 18 May 2022 16:53

Tgt Ion: 75 Resp: 44559
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

