

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008817.D
 Acq On : 18 May 2022 16:30
 Operator : KP/MD
 Sample : N2841-10
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS004-0006-01

Quant Time: May 19 03:11:26 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)

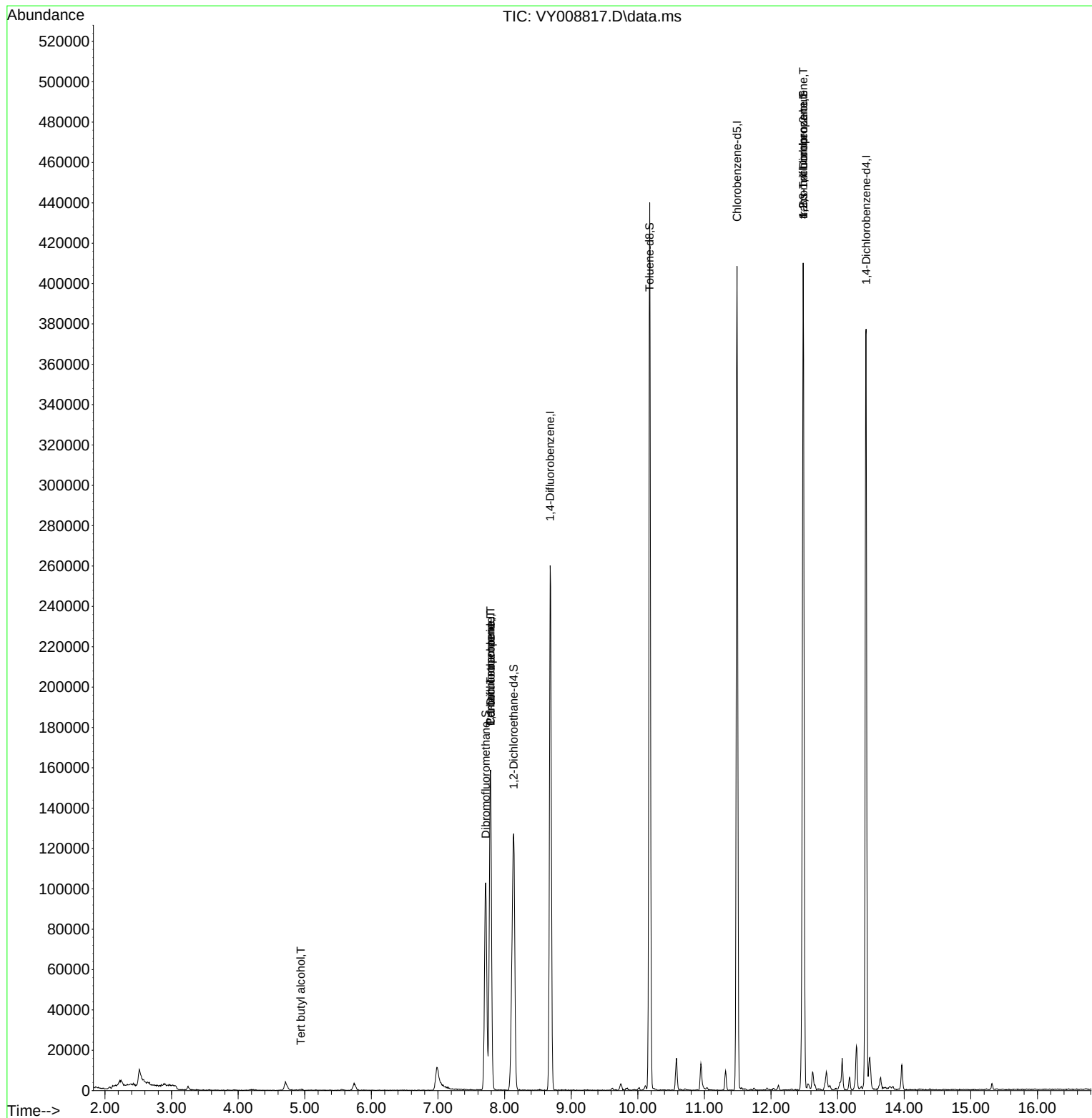
Internal Standards						
1) Pentafluorobenzene	7.789	168	123135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	220702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78473	68.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.400%	
35) Dibromofluoromethane	7.716	113	72035	55.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.179	98	276855	48.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.820%	
62) 4-Bromofluorobenzene	12.483	95	84866	42.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	61	Below Cal	#	43
3) Chloromethane	2.113	50	179	Below Cal	#	44
4) Vinyl Chloride	2.241	62	153	Below Cal	#	43
5) Bromomethane	2.631	94	46	Below Cal	#	4
6) Chloroethane	2.845	64	19	Below Cal	#	43
7) Trichlorofluoromethane	3.125	101	43	Below Cal	#	21
11) Tert butyl alcohol	4.942	59	641	5.077 ug/l	#	87
16) Acetone	3.930	43	109	Below Cal	#	47
18) Methyl Acetate	4.655	43	49	Below Cal	#	56
20) Methylene Chloride	4.716	84	2775	Below Cal		84
31) Cyclohexane	7.789	56	2923	Below Cal	#	5
36) 1,1-Dichloropropene	7.789	75	10142	4.911 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	12592	5.689 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	48764	44.731 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48764	97.840 ug/l	#	8

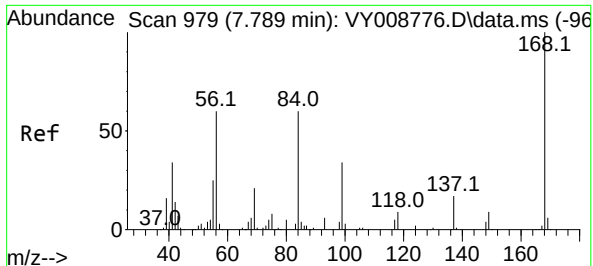
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P005-SS004-0006-01

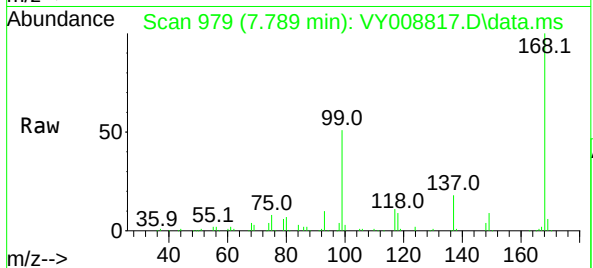
Quant Time: May 19 03:11:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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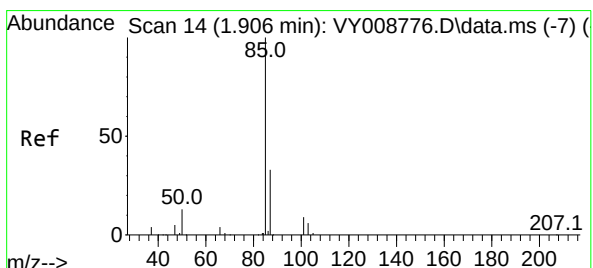
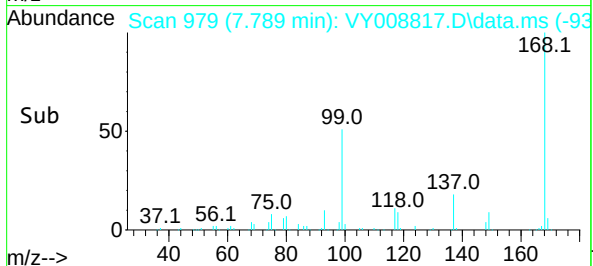
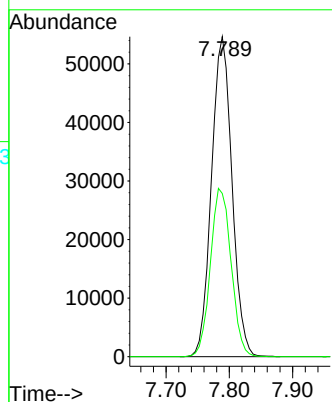


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

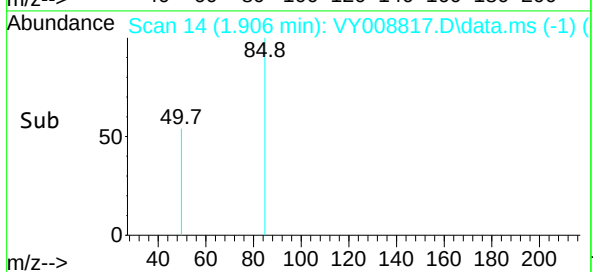
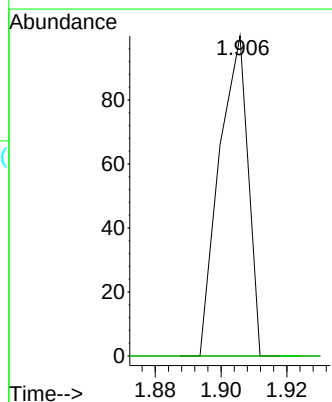
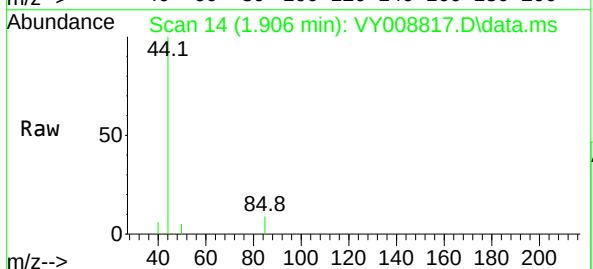


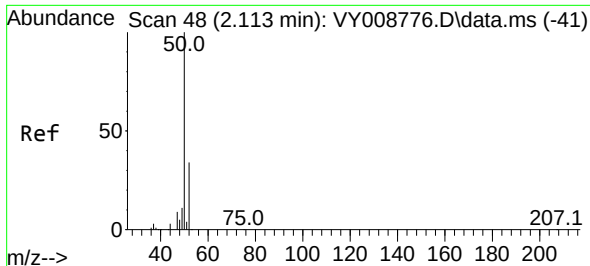
Tgt Ion:168 Resp: 123135
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 85 Resp: 61
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

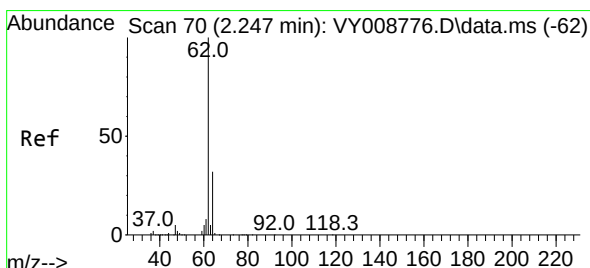
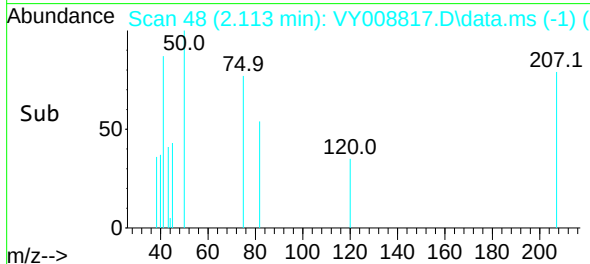
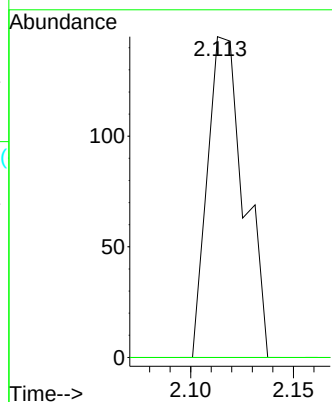
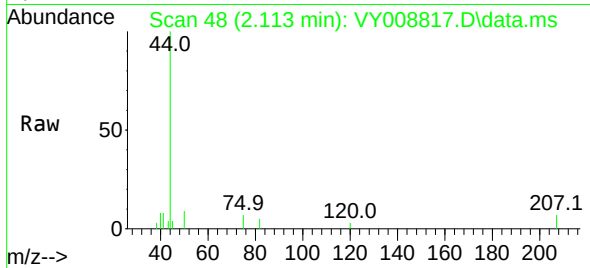




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

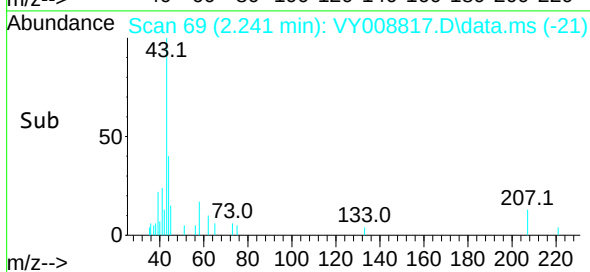
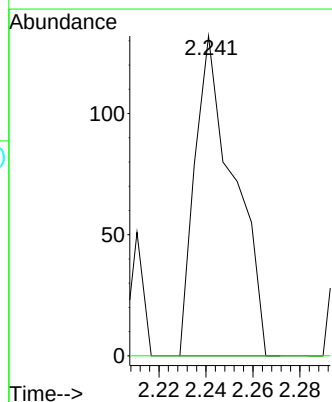
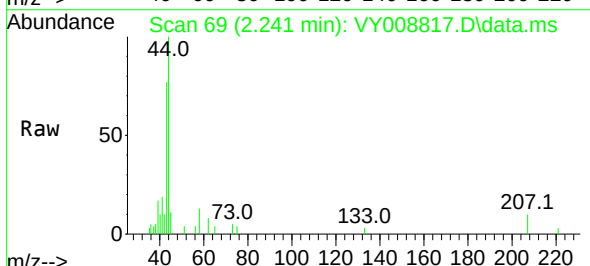
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

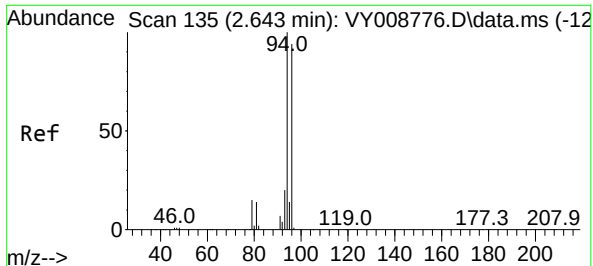
Tgt Ion: 50 Resp: 179
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 62 Resp: 153
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

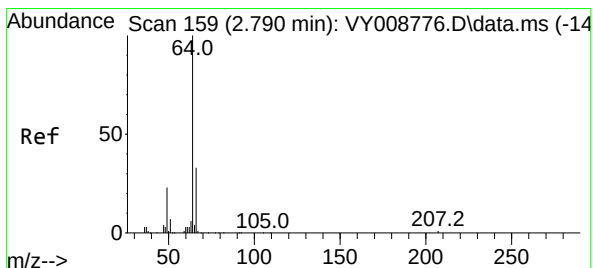
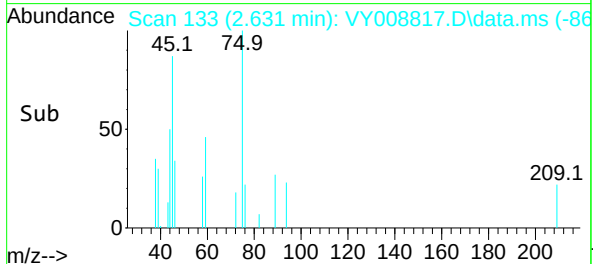
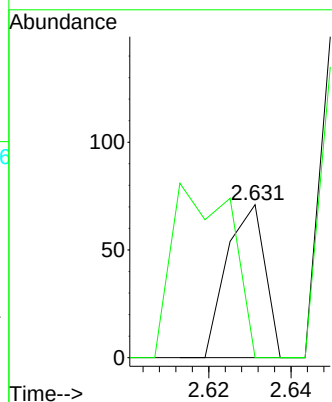
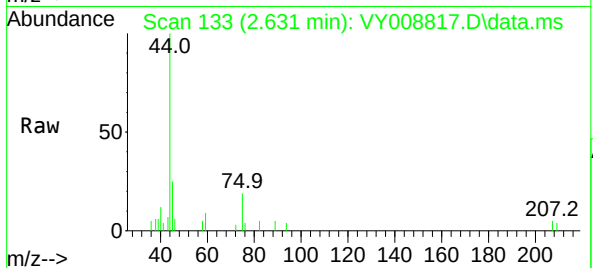




#5
Bromomethane
Concen: Below Cal
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

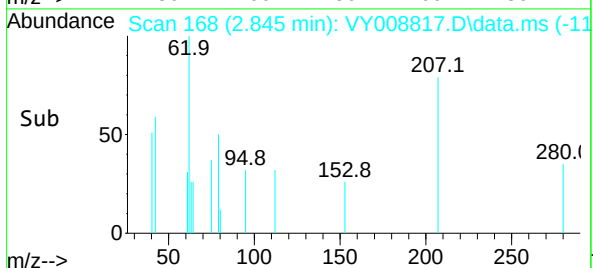
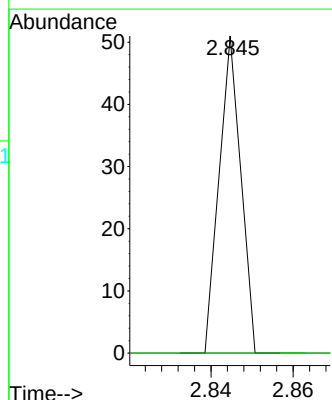
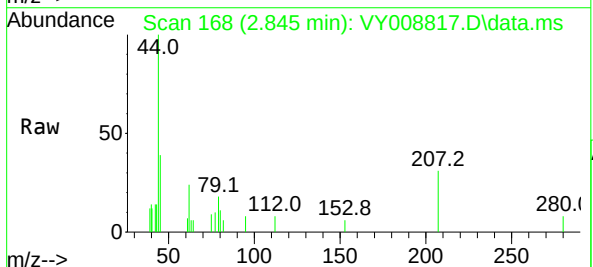
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

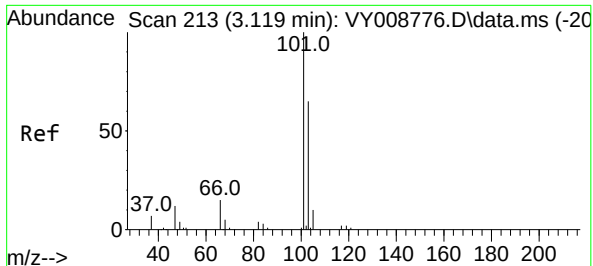
Tgt Ion: 94 Resp: 46
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.845 min Scan# 168
Delta R.T. 0.055 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

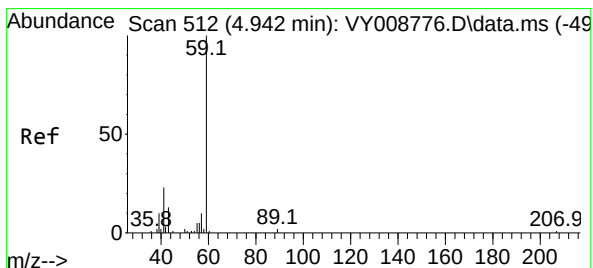
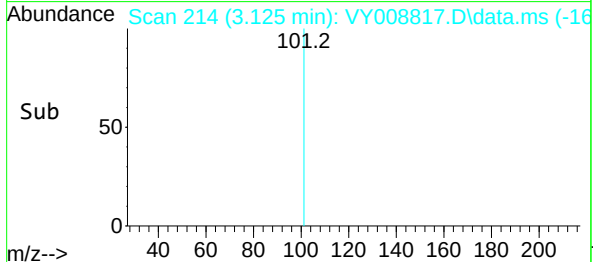
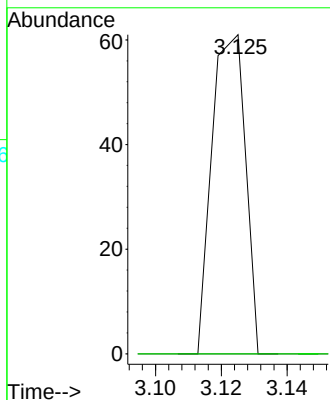
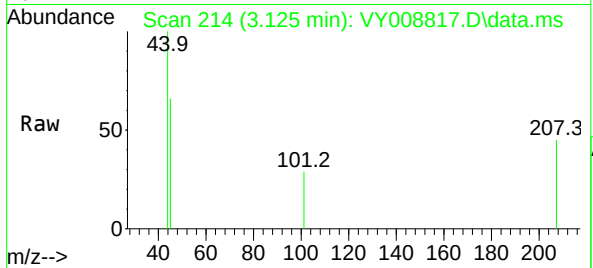




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

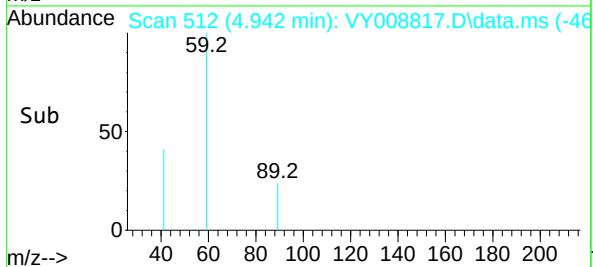
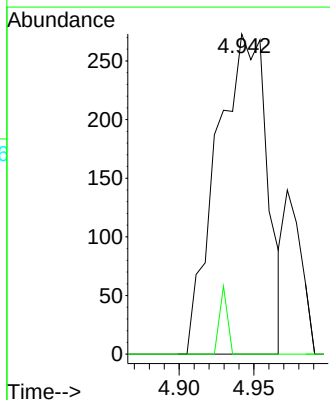
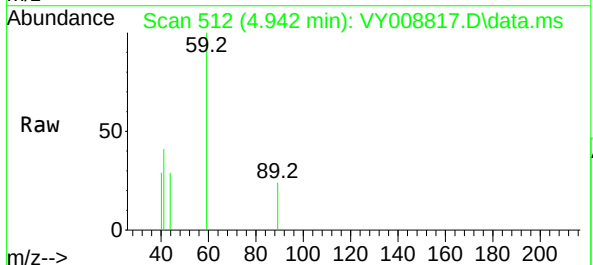
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

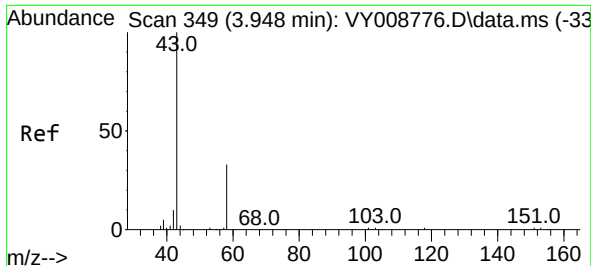
Tgt Ion:101 Resp: 43
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



#11
Tert butyl alcohol
Concen: 5.077 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 59 Resp: 641
Ion Ratio Lower Upper
59 100
57 3.3 6.4 9.6#

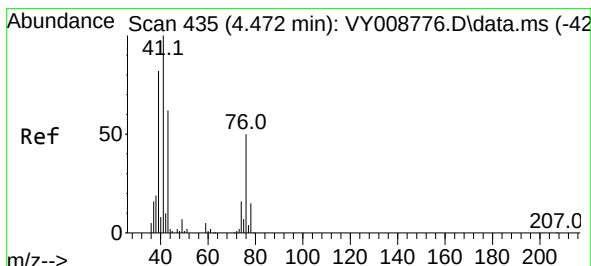
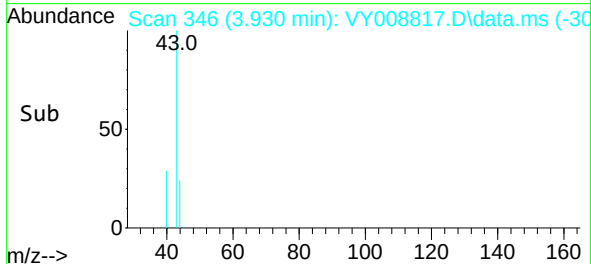
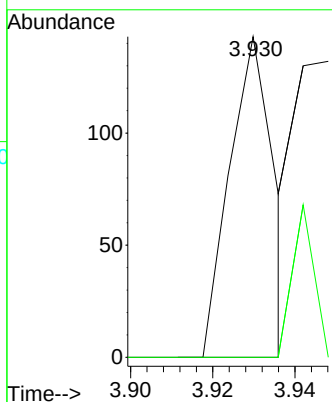
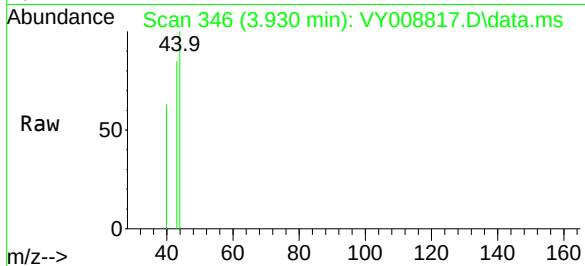




#16
Acetone
Concen: Below Cal
RT: 3.930 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

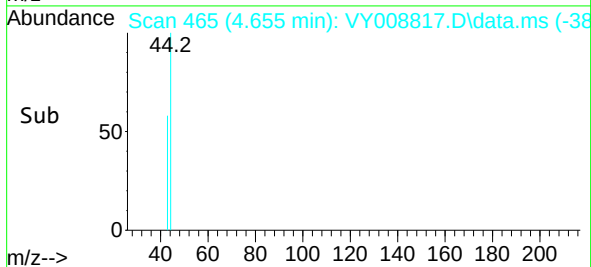
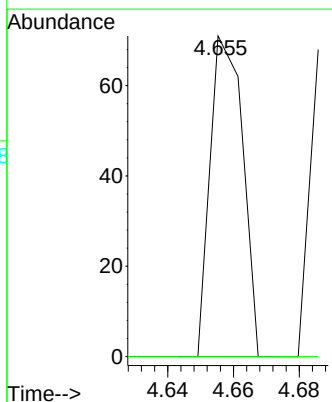
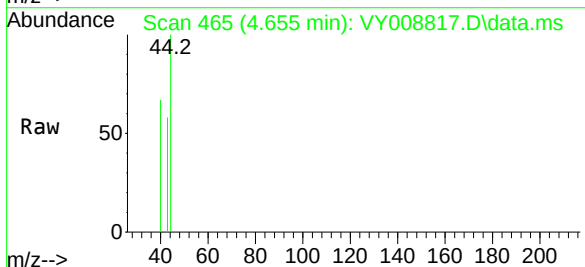
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

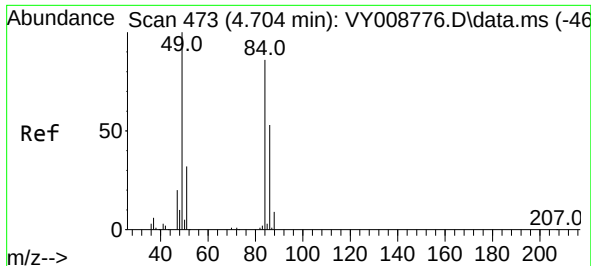
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.655 min Scan# 465
Delta R.T. 0.183 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

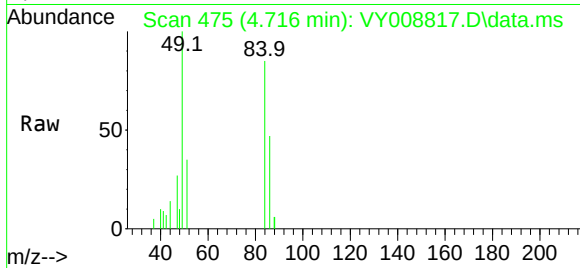
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





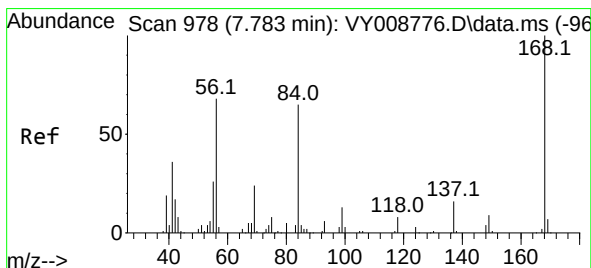
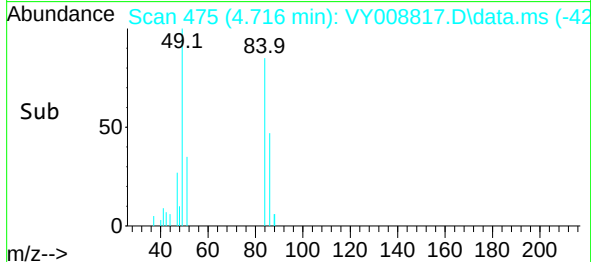
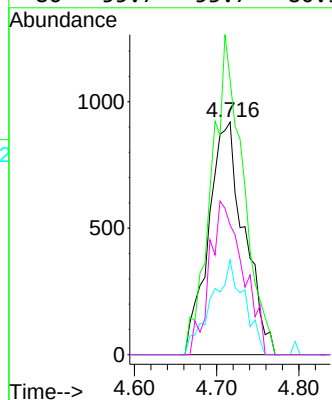
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01



Tgt Ion: 84 Resp: 2775

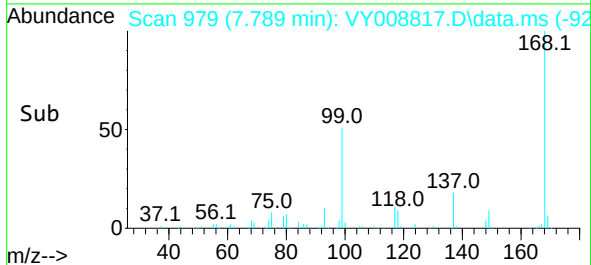
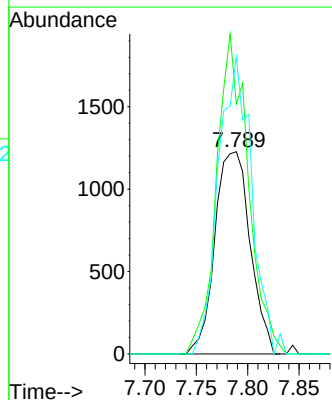
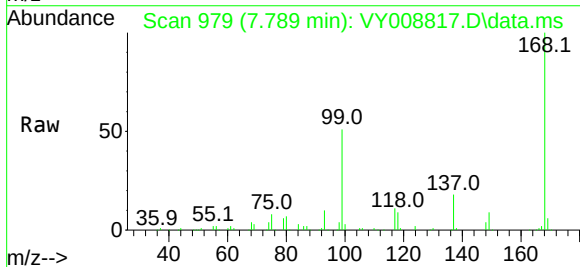
Ion	Ratio	Lower	Upper
84	100		
49	118.2	114.4	171.6
51	40.8	35.3	52.9
86	55.7	53.7	80.5

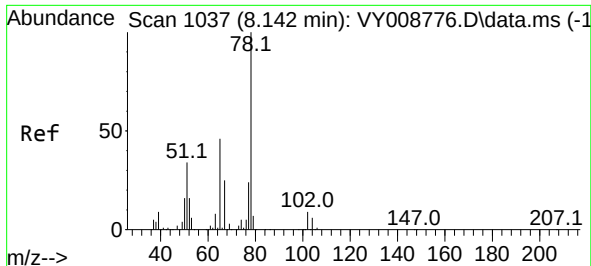


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 56 Resp: 2923

Ion	Ratio	Lower	Upper
56	100		
69	123.6	26.7	40.1#
84	147.0	67.2	100.8#

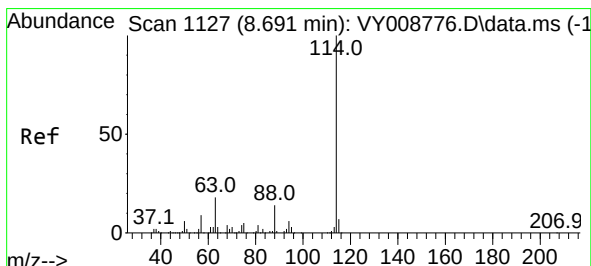
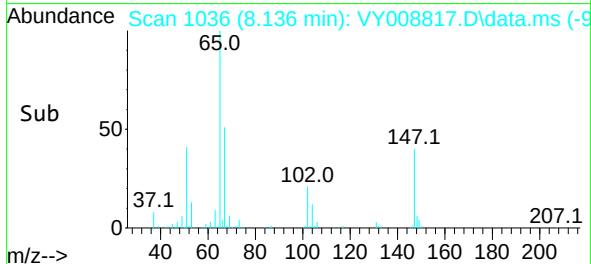
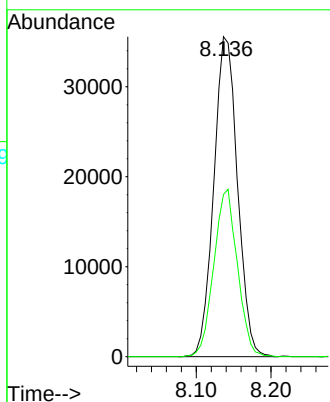
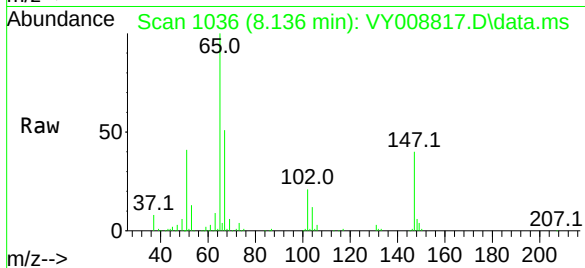




#33
 1,2-Dichloroethane-d4
 Concen: 68.696 ug/l
 RT: 8.136 min Scan# 11036
 Delta R.T. -0.006 min
 Lab File: VY008817.D
 Acq: 18 May 2022 16:30

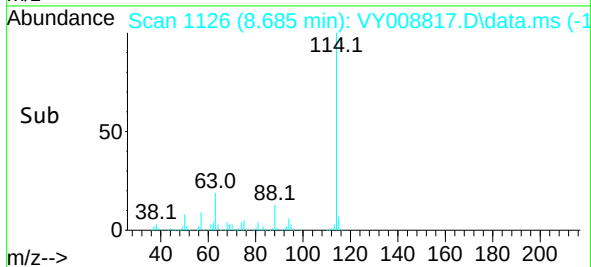
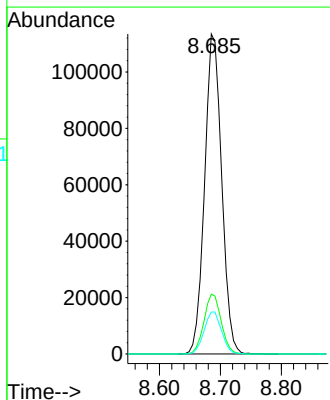
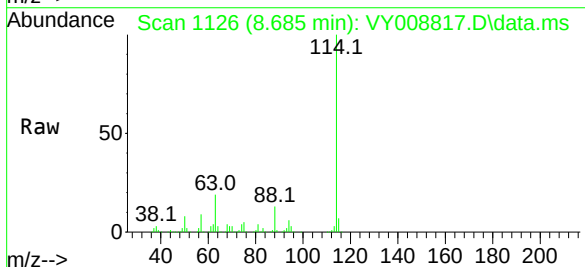
Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS004-0006-01

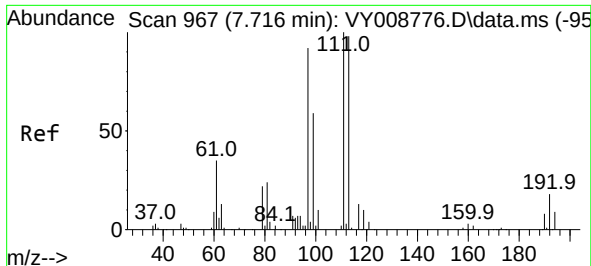
Tgt Ion: 65 Resp: 78473
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008817.D
 Acq: 18 May 2022 16:30

Tgt Ion: 114 Resp: 220702
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.2
 88 13.1 0.0 31.8

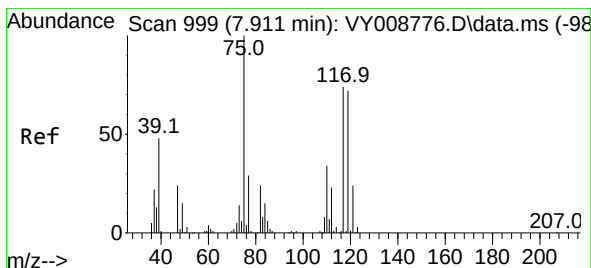
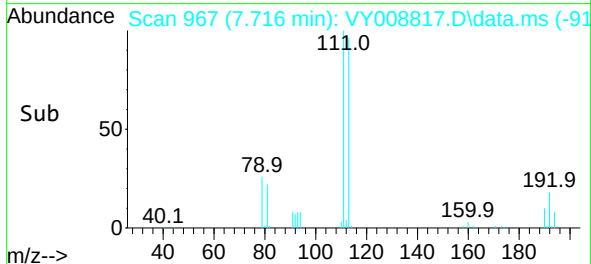
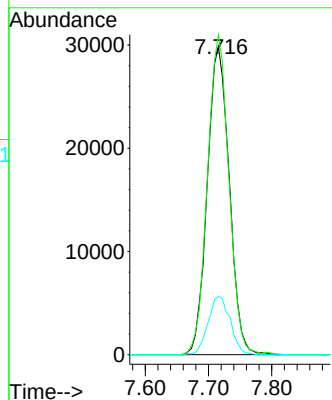
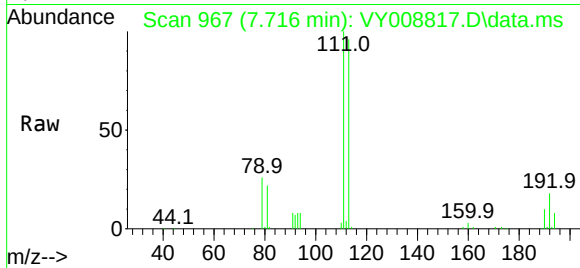




#35
Dibromofluoromethane
Concen: 55.862 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

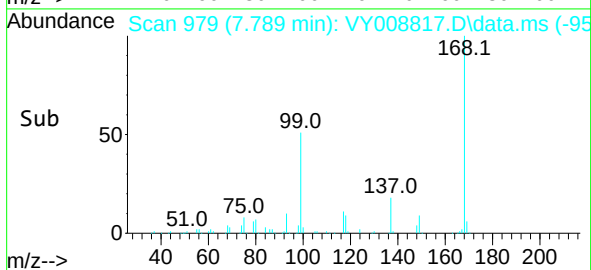
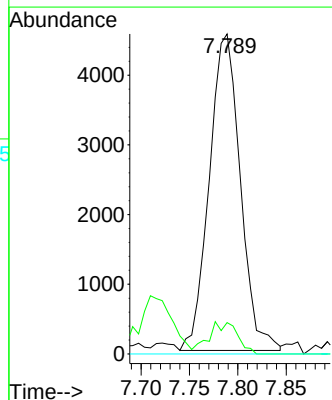
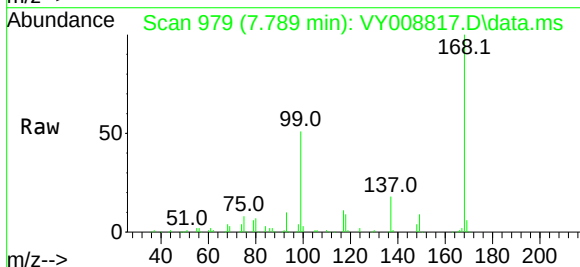
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

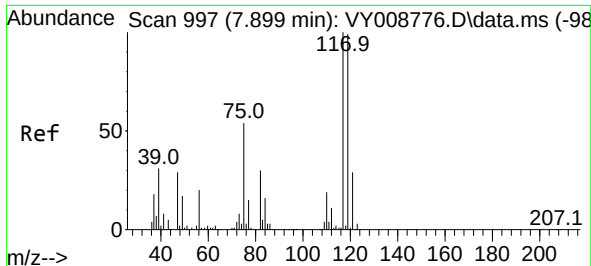
Tgt Ion:113 Resp: 72035
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 75 Resp: 10142
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

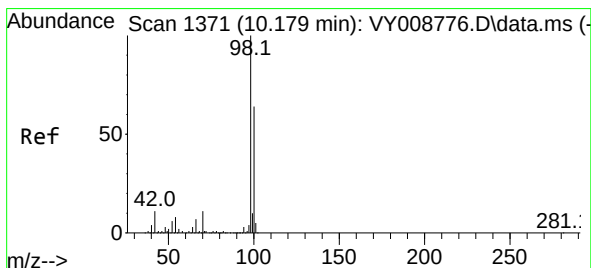
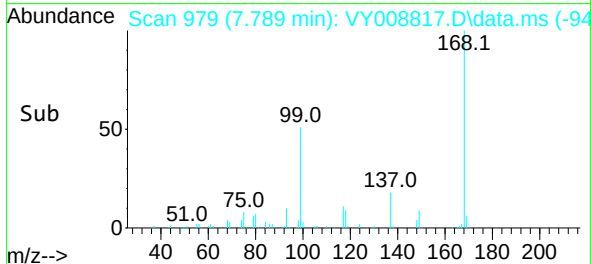
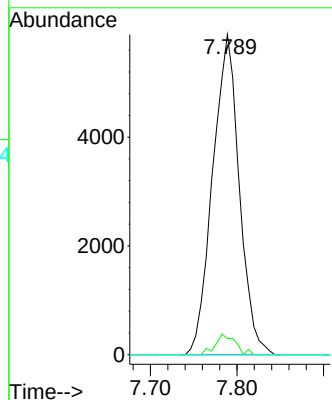
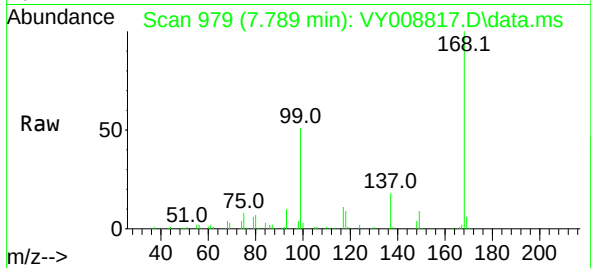




#38
Carbon Tetrachloride
Concen: 5.689 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

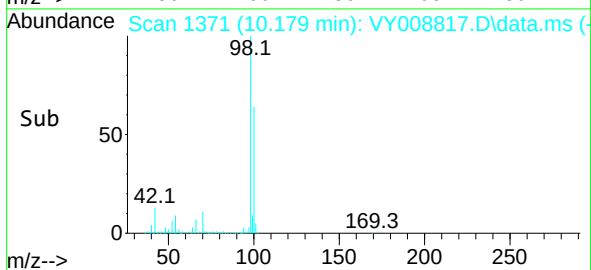
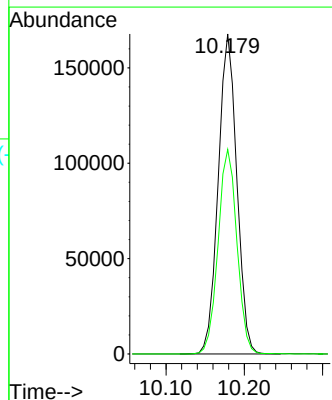
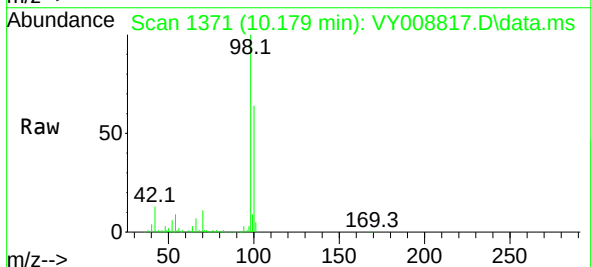
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

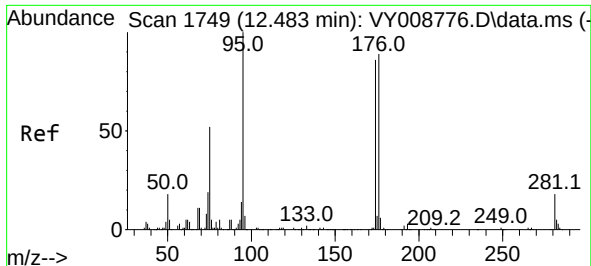
Tgt Ion:117 Resp: 12592
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 98 Resp: 276855
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

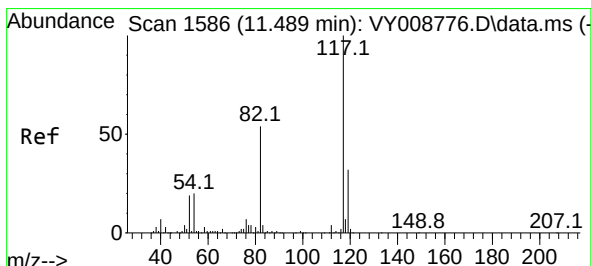
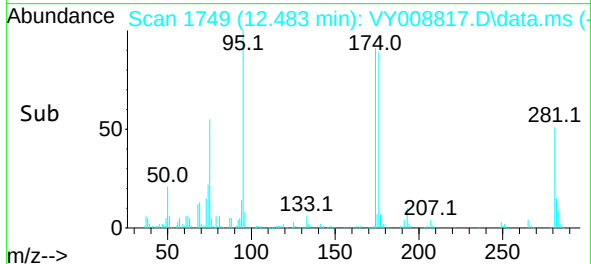
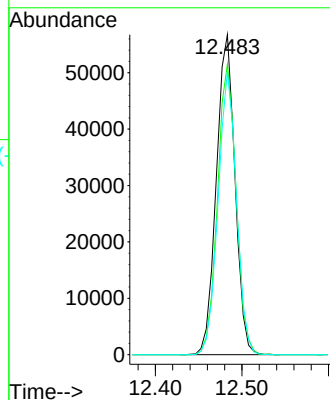
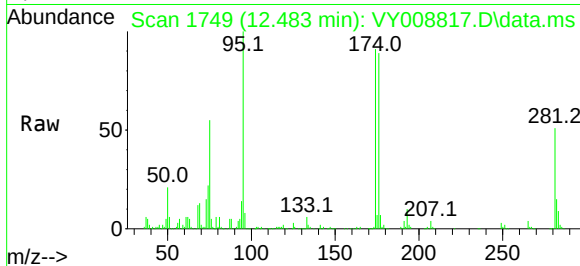




#62
4-Bromofluorobenzene
Concen: 42.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

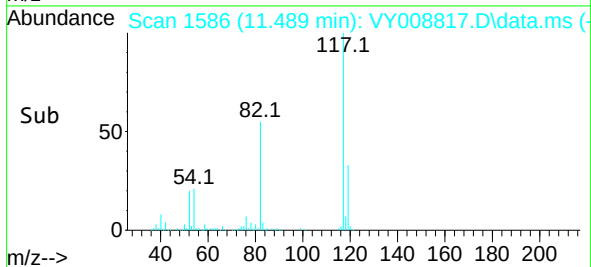
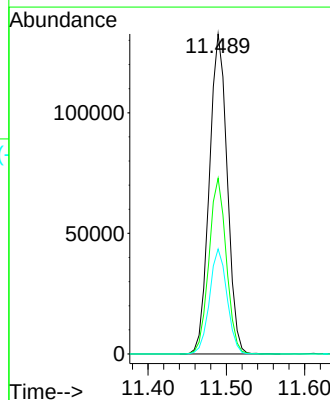
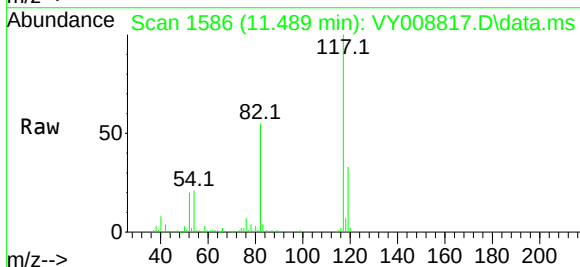
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS004-0006-01

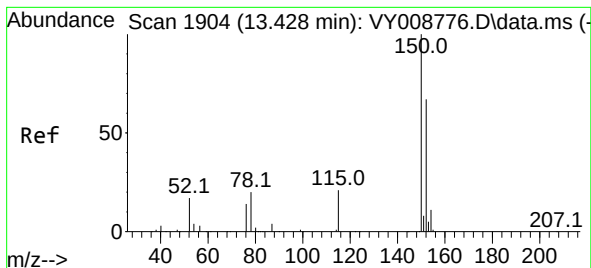
Tgt Ion: 95 Resp: 84866
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008817.D
Acq: 18 May 2022 16:30

Tgt Ion: 117 Resp: 209918
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.8 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: VY008817.D

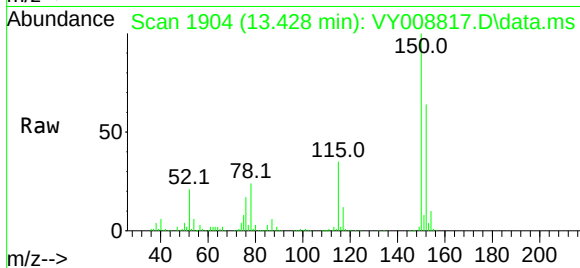
Acq: 18 May 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

P005-SS004-0006-01



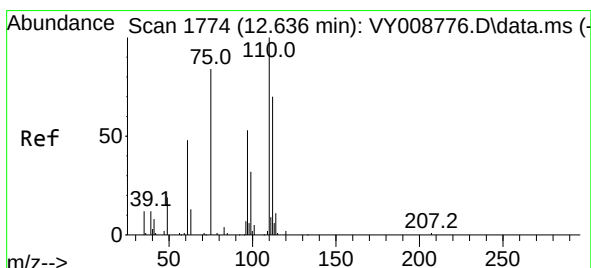
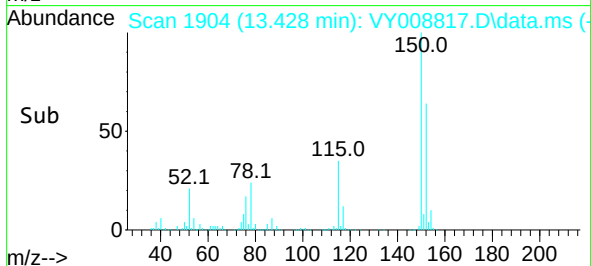
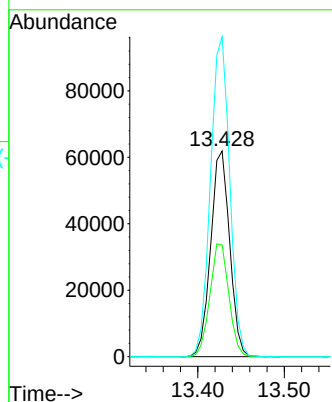
Tgt Ion:152 Resp: 94374

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 157.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 44.731 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008817.D

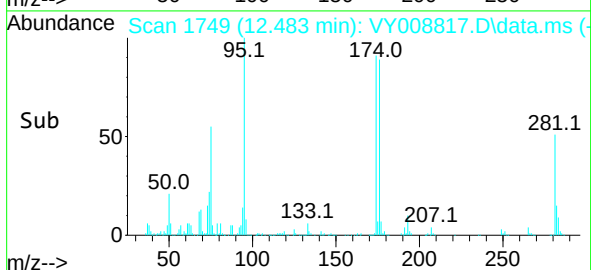
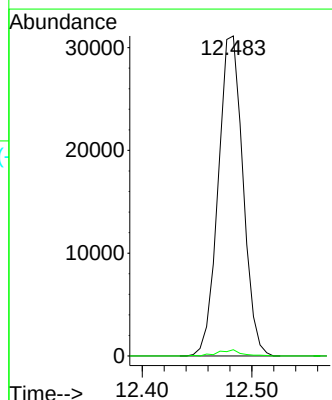
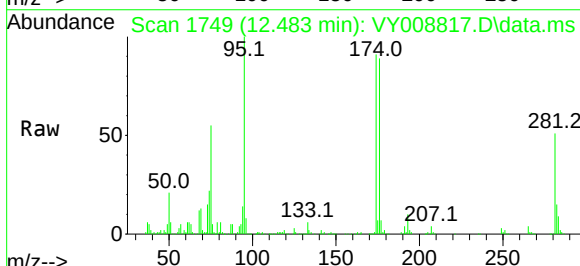
Acq: 18 May 2022 16:30

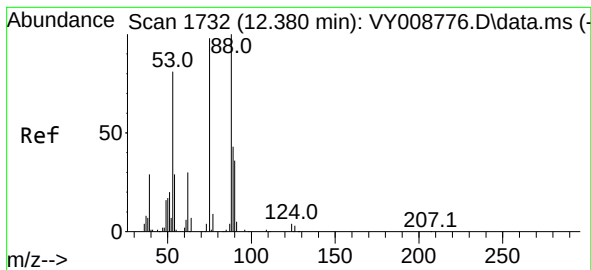
Tgt Ion: 75 Resp: 48764

Ion Ratio Lower Upper

75 100

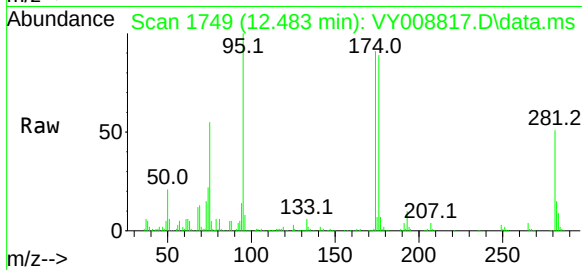
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.840 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008817.D
 Acq: 18 May 2022 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS004-0006-01



Tgt Ion: 75 Resp: 48764
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.8 37.0 55.4#

