

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008838.D
 Acq On : 19 May 2022 01:25
 Operator : KP/MD
 Sample : N2869-11
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0006-01

Quant Time: May 19 03:16:41 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)

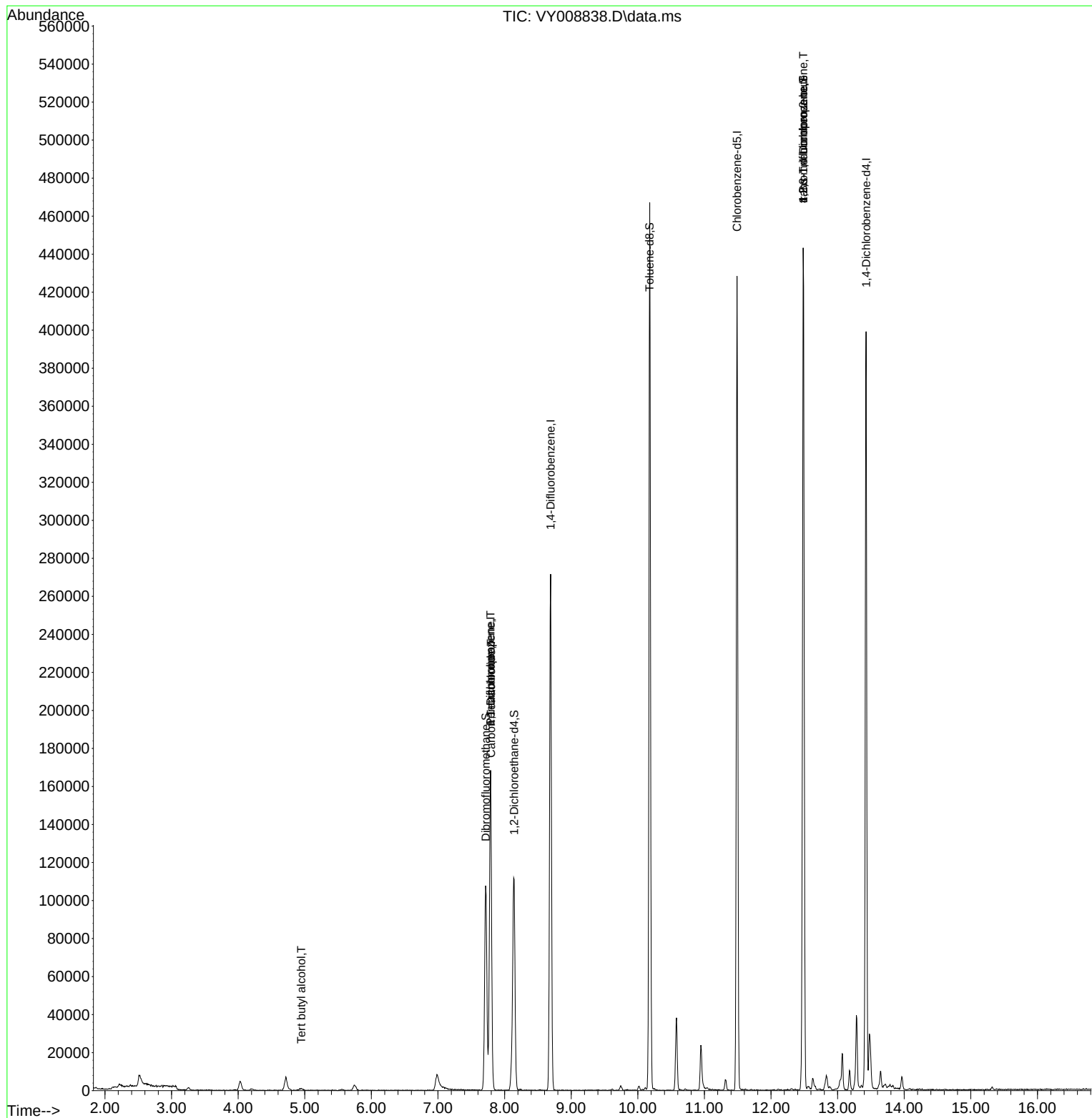
Internal Standards						
1) Pentafluorobenzene	7.789	168	126805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81439	69.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.460%	
35) Dibromofluoromethane	7.716	113	74787	56.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.340%	
50) Toluene-d8	10.179	98	286650	48.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.060%	
62) 4-Bromofluorobenzene	12.483	95	88570	42.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	21	Below Cal	#	43
3) Chloromethane	2.107	50	87	Below Cal	#	44
4) Vinyl Chloride	2.247	62	69	Below Cal	#	43
5) Bromomethane	2.662	94	175	Below Cal		98
6) Chloroethane	2.564	64	25	Below Cal	#	1
7) Trichlorofluoromethane	3.119	101	22	Below Cal	#	21
11) Tert butyl alcohol	4.948	59	1766	13.583	ug/l #	88
16) Acetone	3.942	43	621	Below Cal	#	47
18) Methyl Acetate	4.649	43	19	Below Cal	#	56
20) Methylene Chloride	4.716	84	4206	Below Cal	#	75
31) Cyclohexane	7.789	56	3131	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	11039	5.176	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12868	5.630	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52025	46.264	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52025	101.192	ug/l #	8

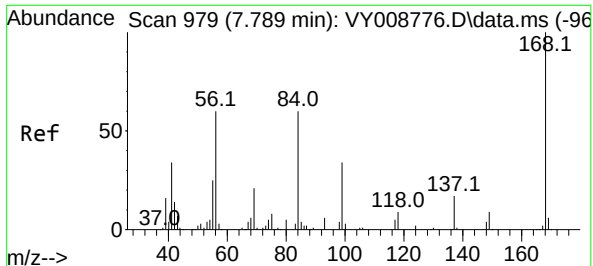
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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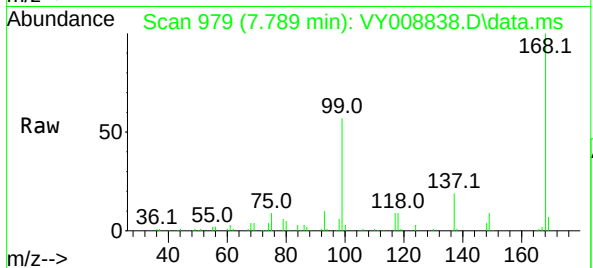
Quant Time: May 19 03:16:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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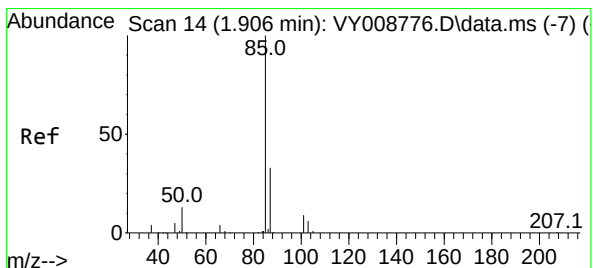
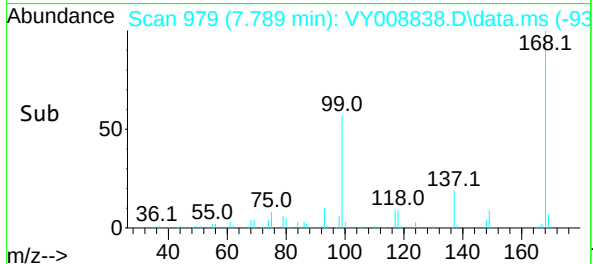
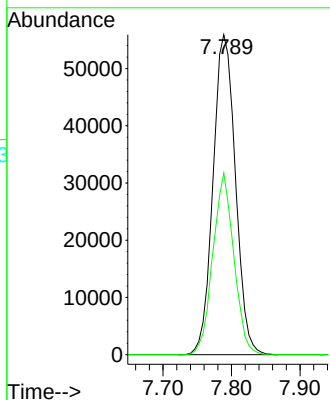


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

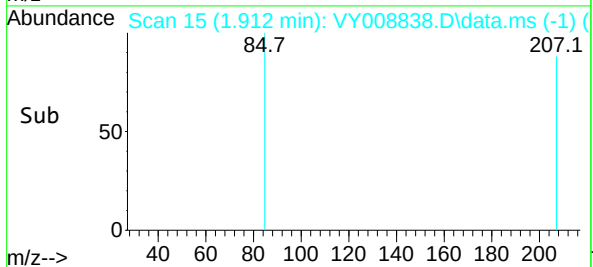
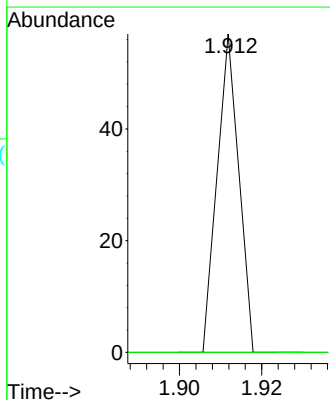
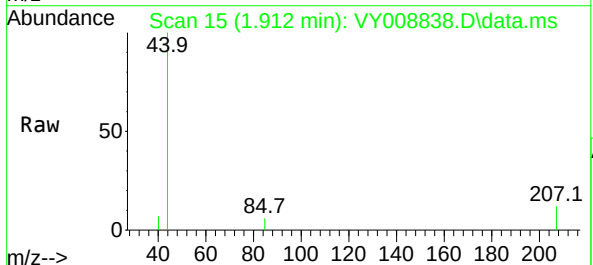


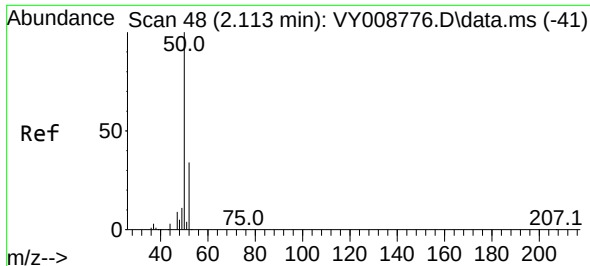
Tgt Ion:168 Resp: 126805
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

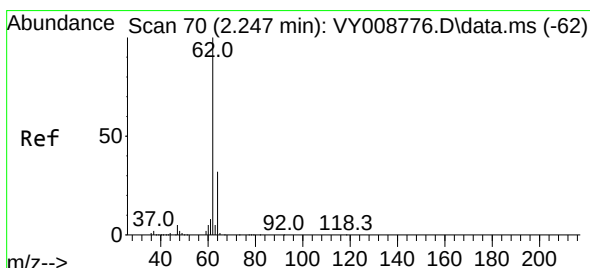
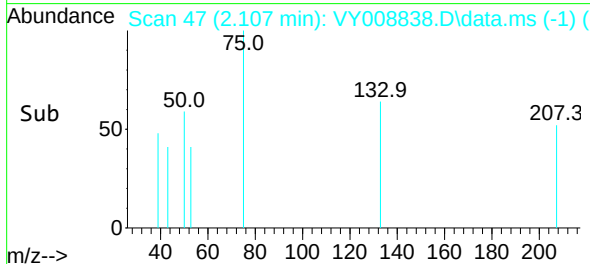
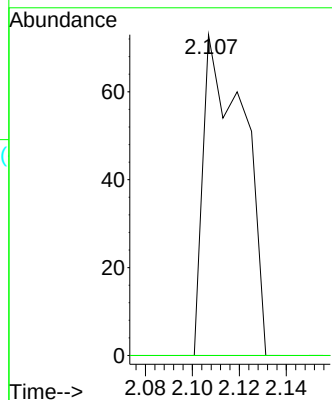
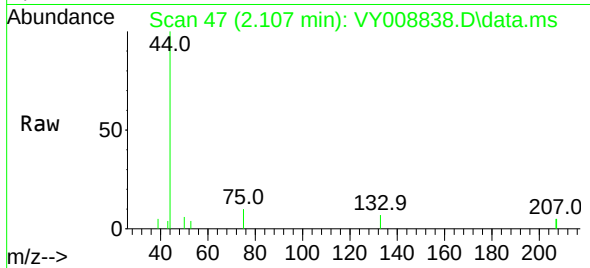




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

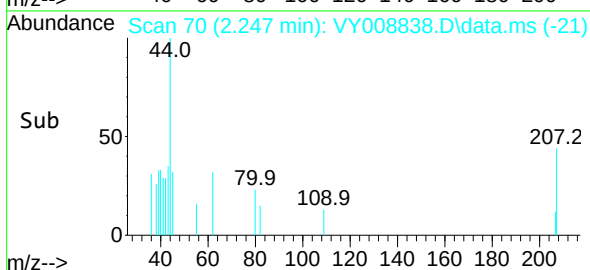
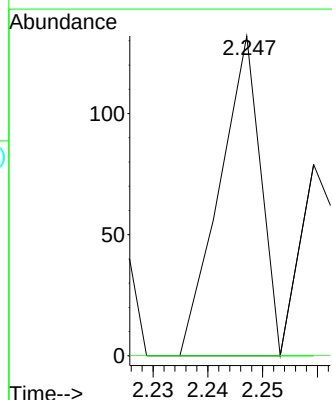
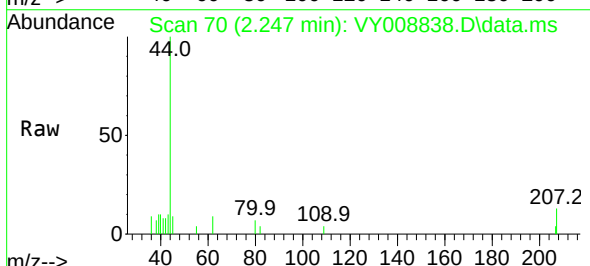
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

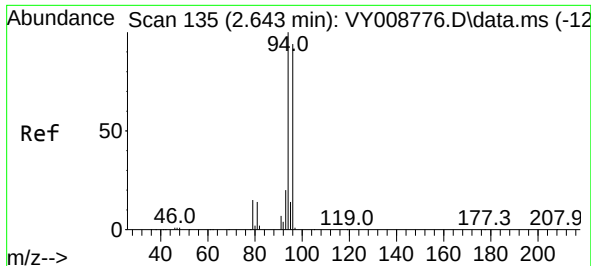
Tgt Ion: 50 Resp: 87
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 62 Resp: 69
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

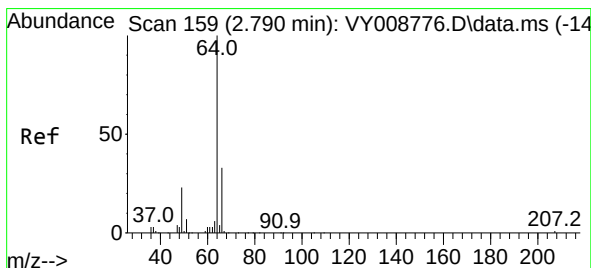
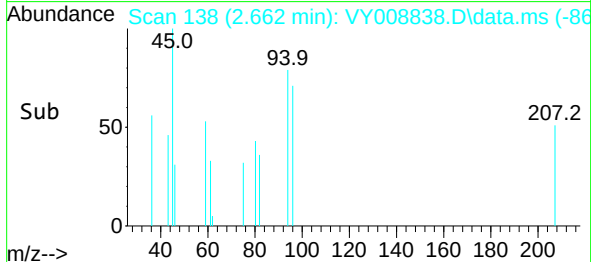
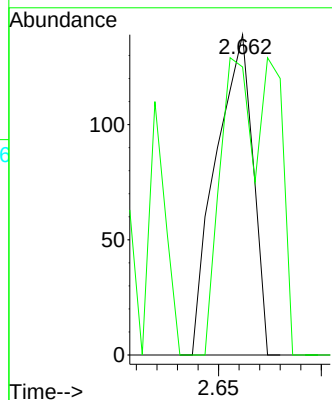
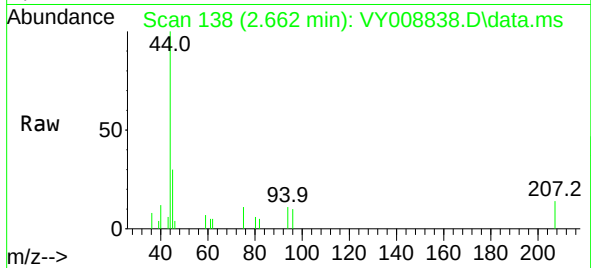




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

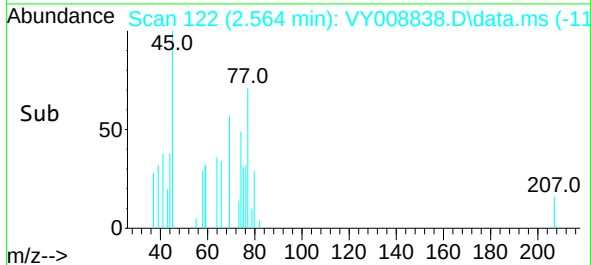
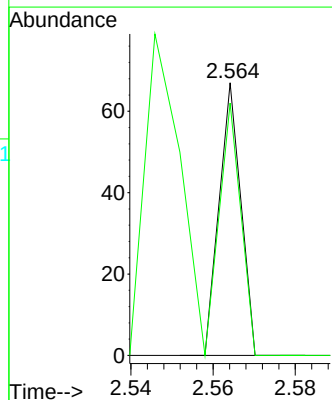
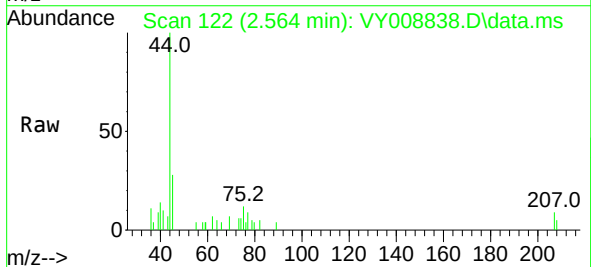
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

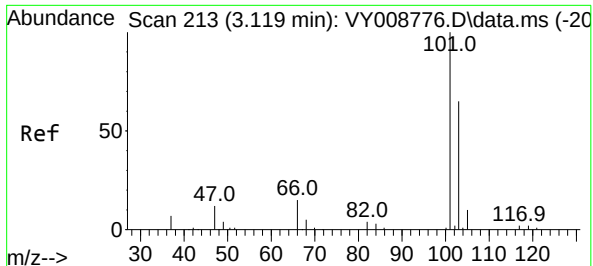
Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 89.9 73.5 110.3



#6
Chloroethane
Concen: Below Cal
RT: 2.564 min Scan# 122
Delta R.T. -0.226 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 92.5 25.4 38.0#

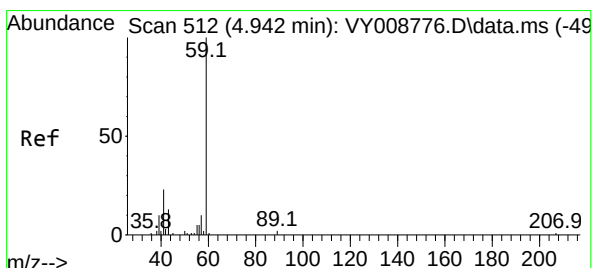
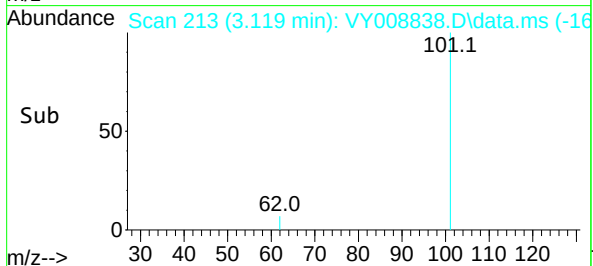
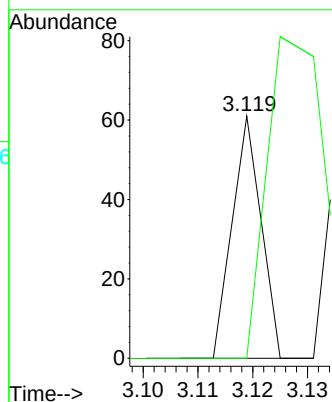
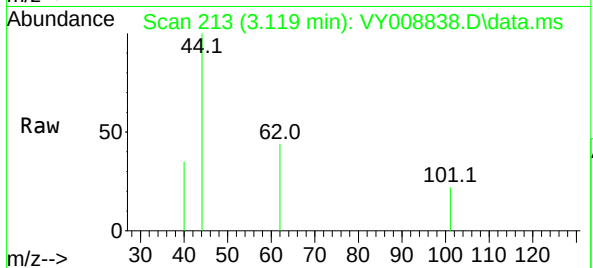




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

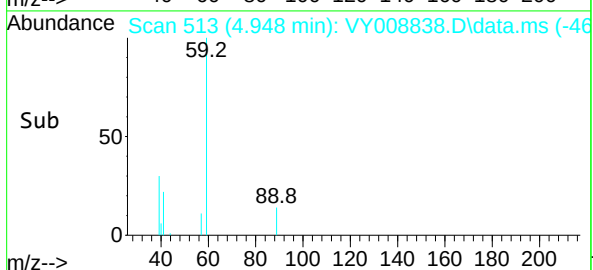
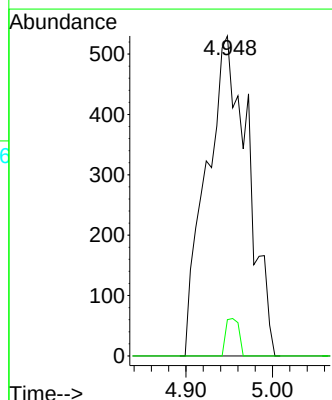
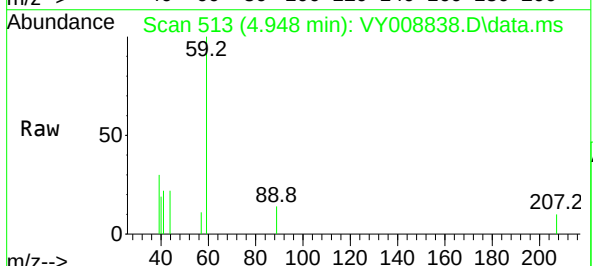
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

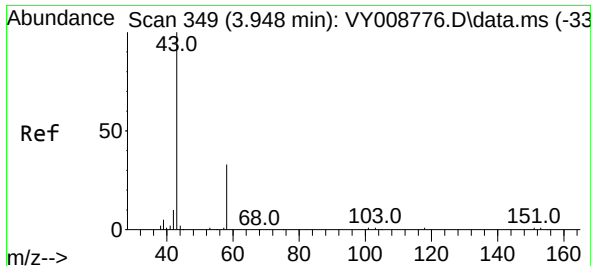
Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



#11
Tert butyl alcohol
Concen: 13.583 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 59 Resp: 1766
Ion Ratio Lower Upper
59 100
57 3.7 6.4 9.6#

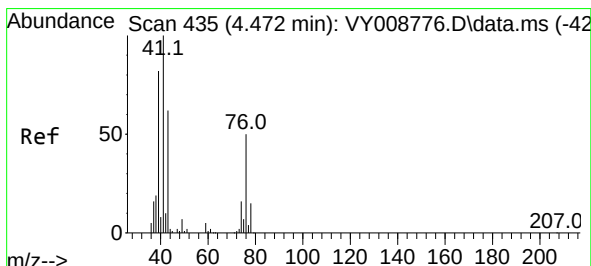
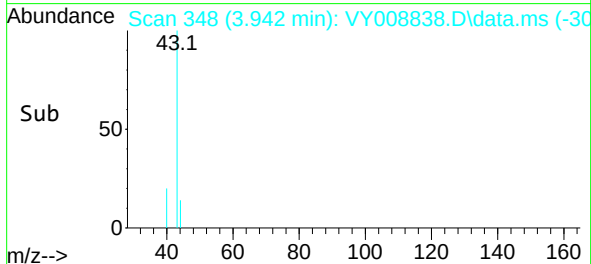
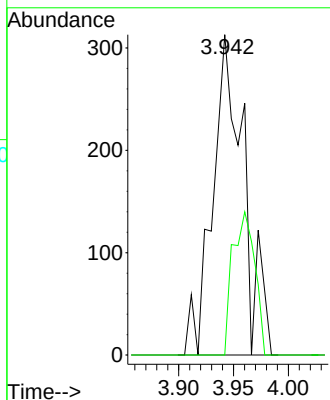
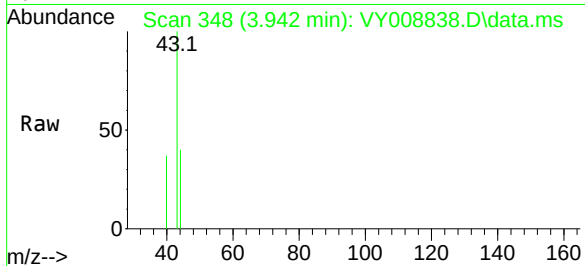




#16
Acetone
Concen: Below Cal
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

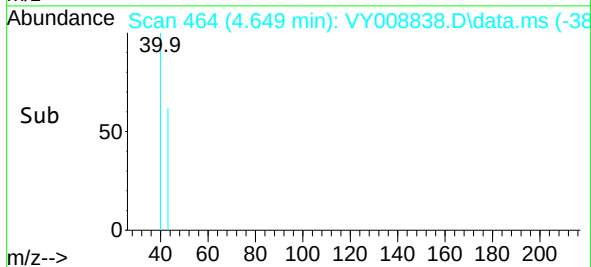
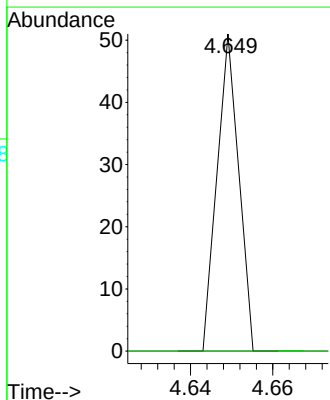
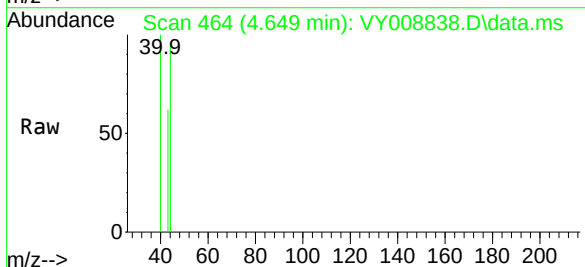
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

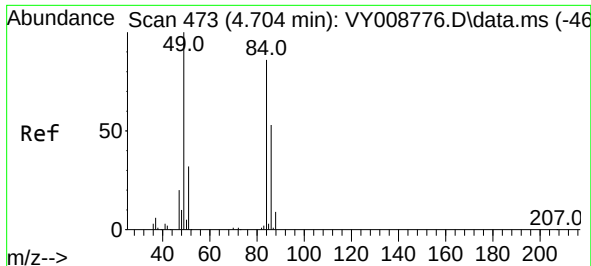
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.649 min Scan# 464
Delta R.T. 0.177 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

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: 4.716 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY008838.D

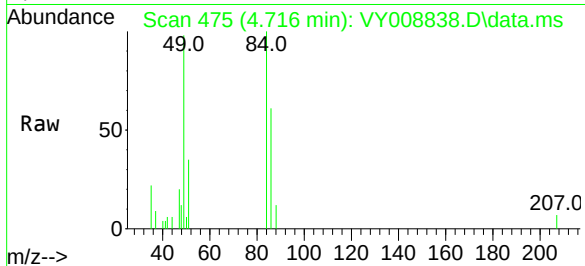
Acq: 19 May 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

P031-SS001-0006-01



Tgt Ion: 84 Resp: 4206

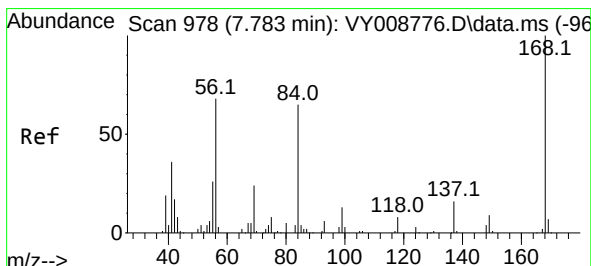
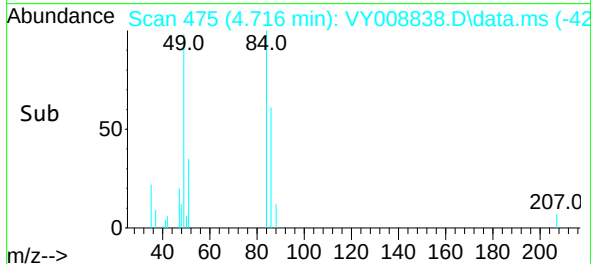
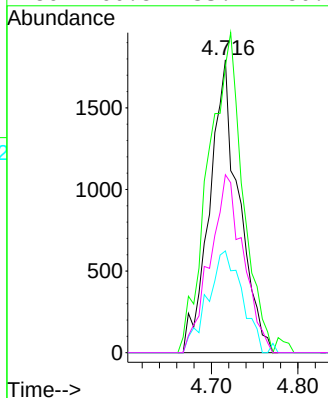
Ion Ratio Lower Upper

84 100

49 97.8 114.4 171.6#

51 34.8 35.3 52.9#

86 60.8 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008838.D

Acq: 19 May 2022 01:25

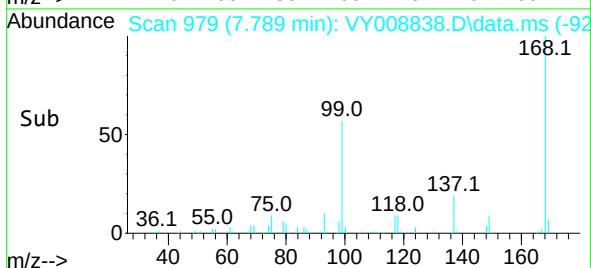
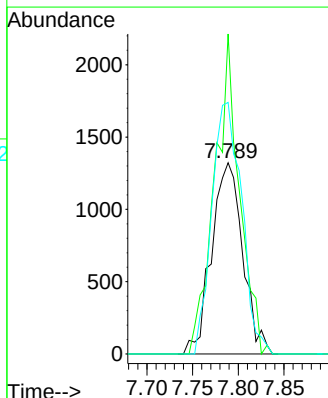
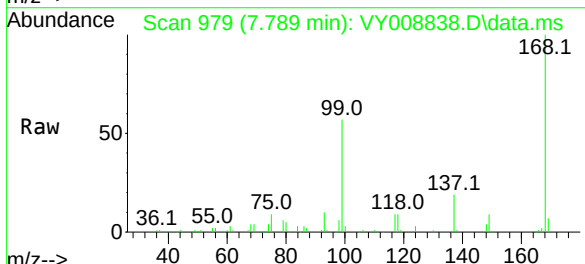
Tgt Ion: 56 Resp: 3131

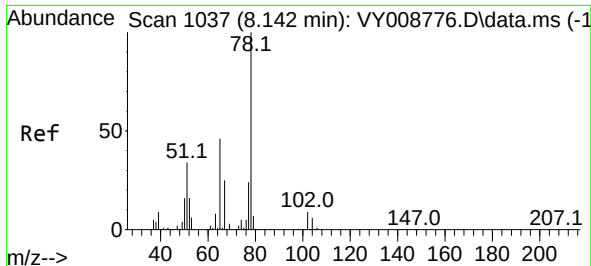
Ion Ratio Lower Upper

56 100

69 167.4 26.7 40.1#

84 131.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.229 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008838.D

Acq: 19 May 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

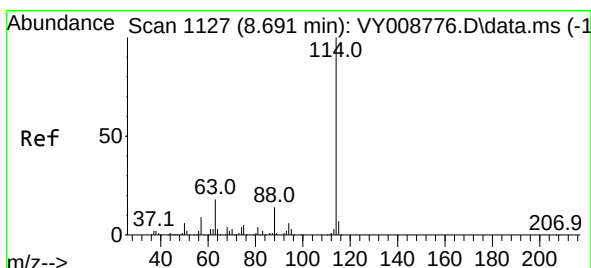
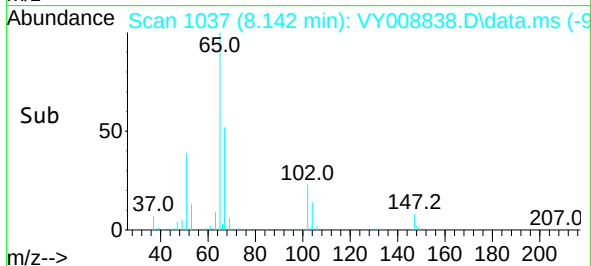
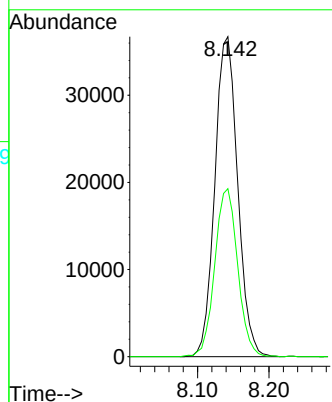
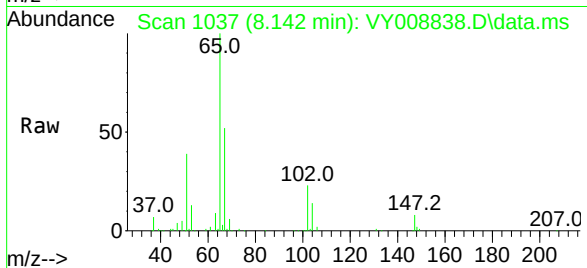
P031-SS001-0006-01

Tgt Ion: 65 Resp: 81439

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008838.D

Acq: 19 May 2022 01:25

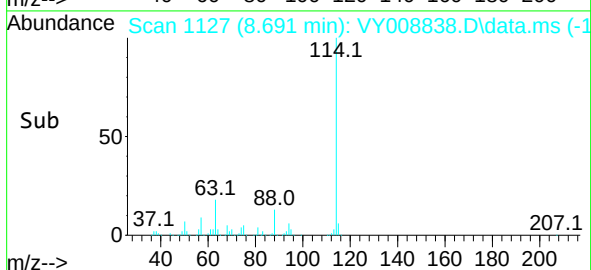
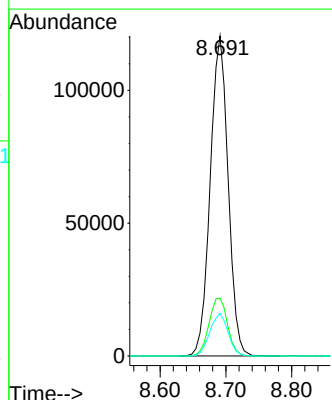
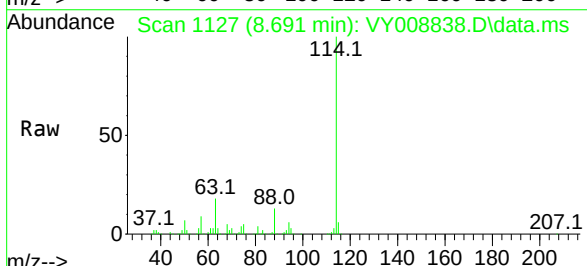
Tgt Ion: 114 Resp: 227895

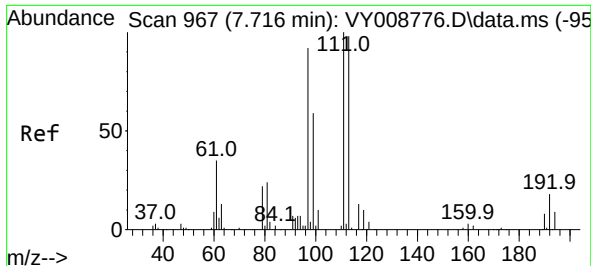
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

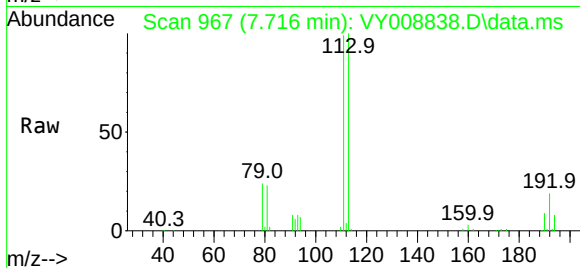
88 13.4 0.0 31.8



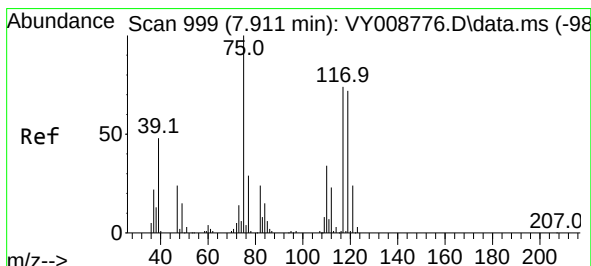
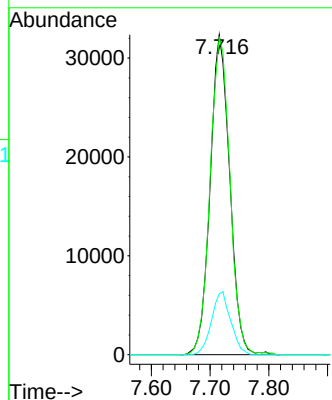
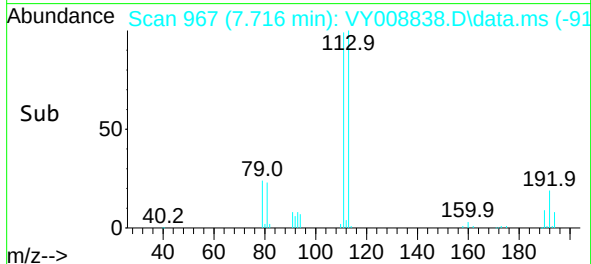


#35
Dibromofluoromethane
Concen: 56.166 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

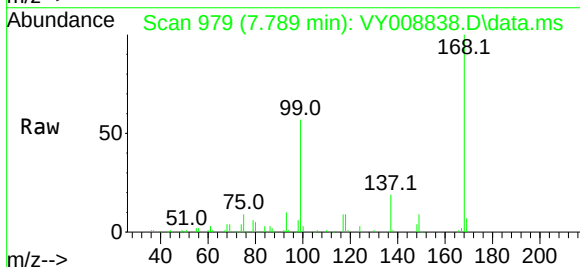
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01



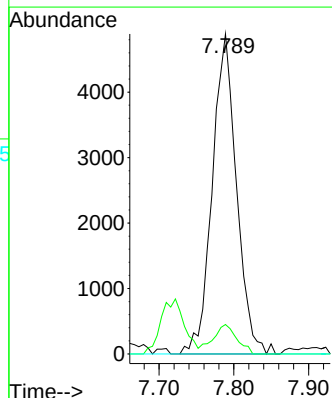
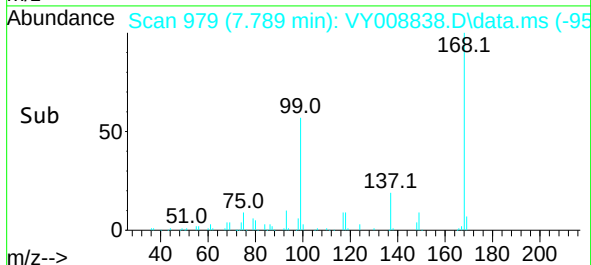
Tgt Ion:113 Resp: 74787
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 19.3 17.6 26.4

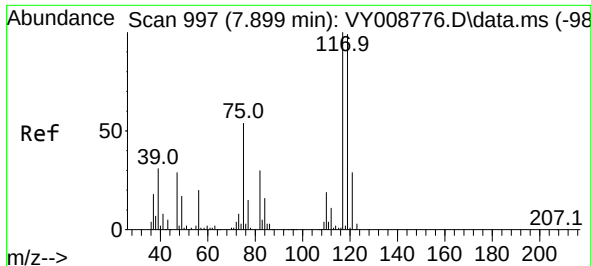


#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25



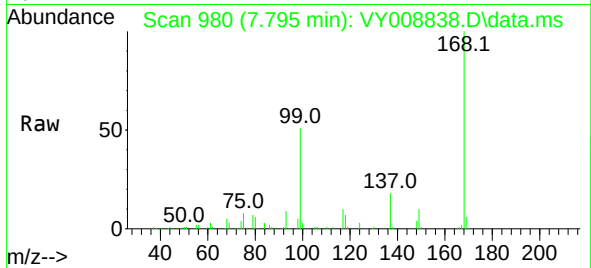
Tgt Ion: 75 Resp: 11039
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



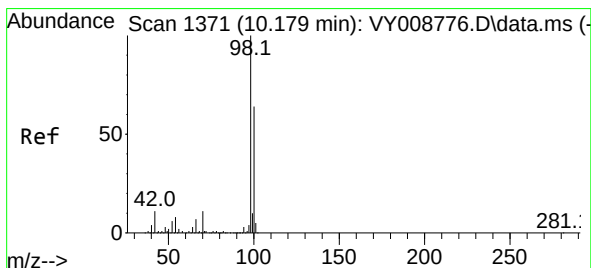
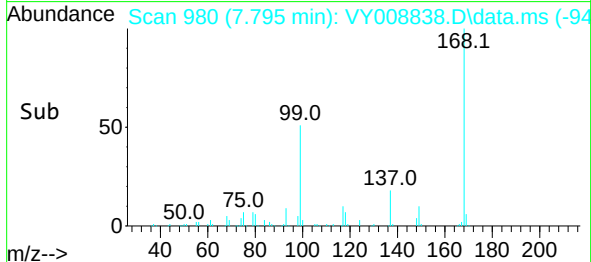
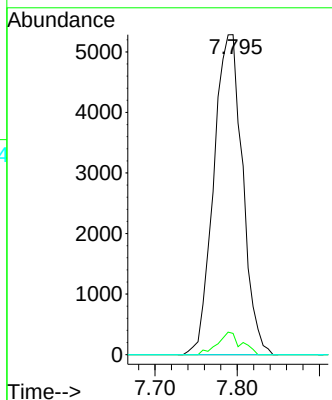


#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

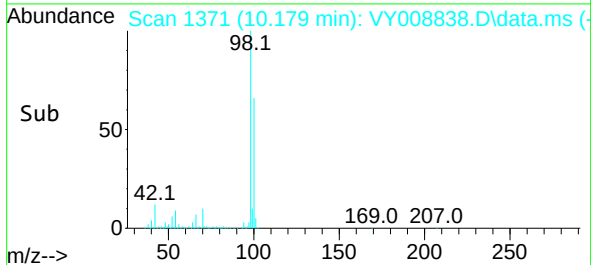
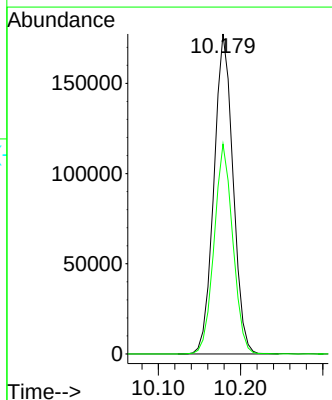
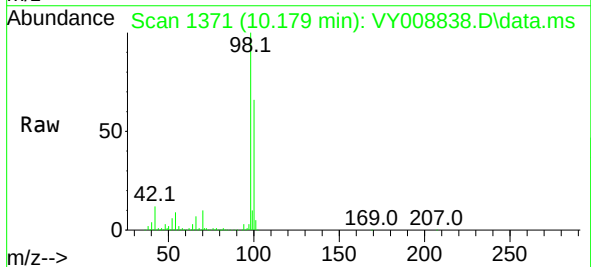


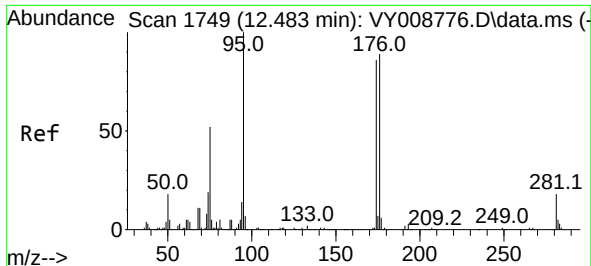
Tgt Ion:117 Resp: 12868
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.531 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 98 Resp: 286650
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

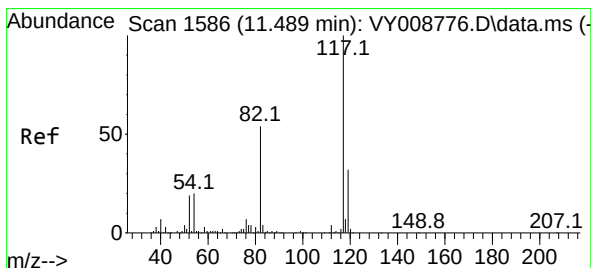
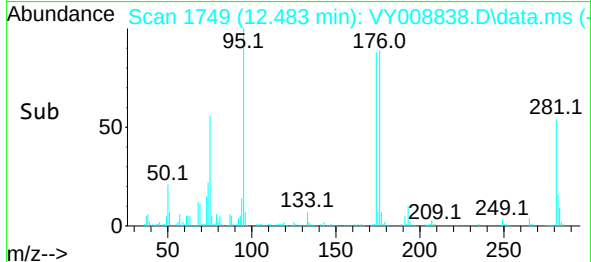
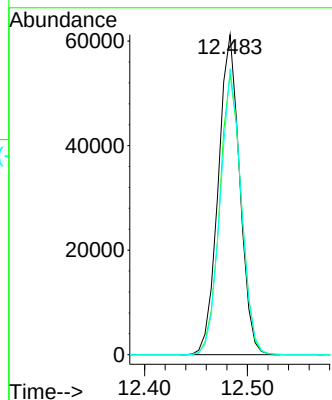
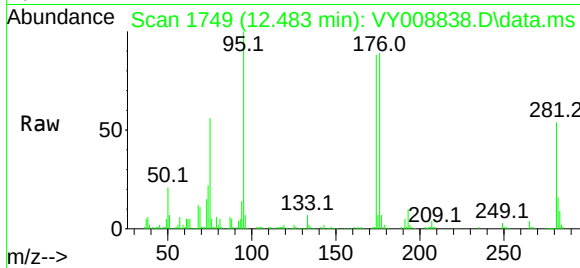




#62
4-Bromofluorobenzene
Concen: 42.496 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

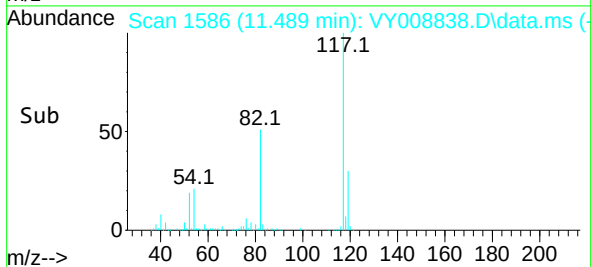
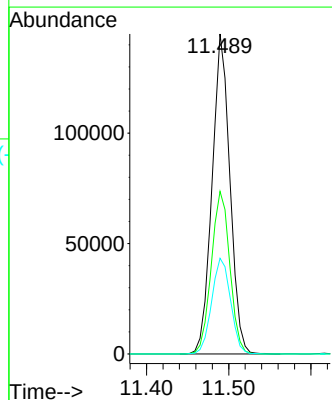
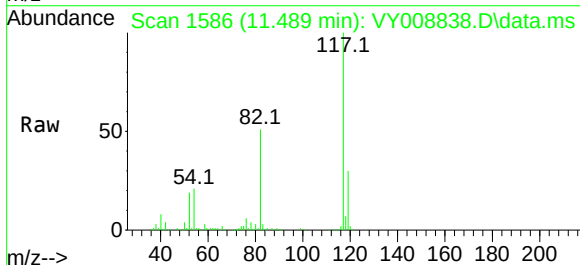
Instrument :
MSVOA_Y
ClientSampleId :
P031-SS001-0006-01

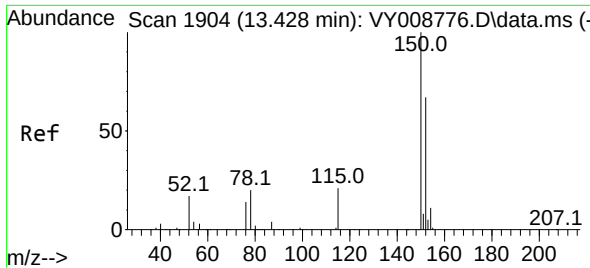
Tgt Ion: 95 Resp: 88570
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 87.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008838.D
Acq: 19 May 2022 01:25

Tgt Ion: 117 Resp: 218524
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 29.9 25.4 38.0

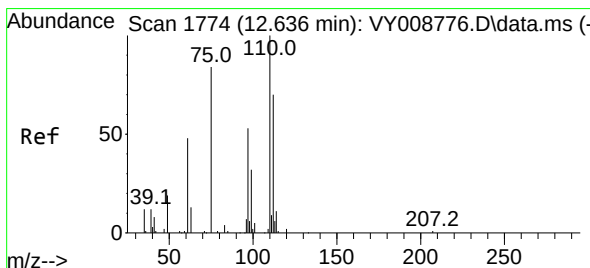
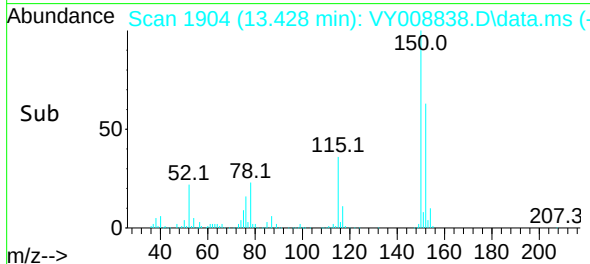
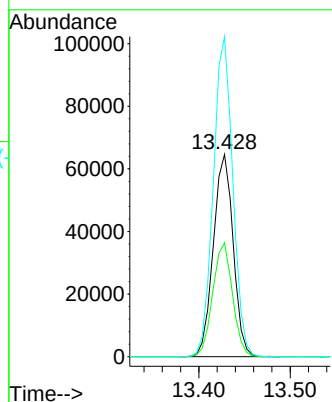
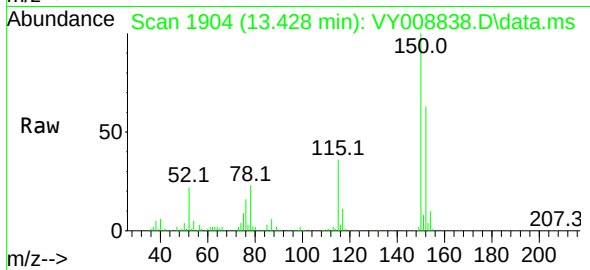




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008838.D
 Acq: 19 May 2022 01:25

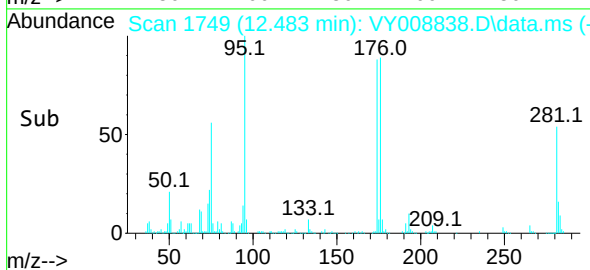
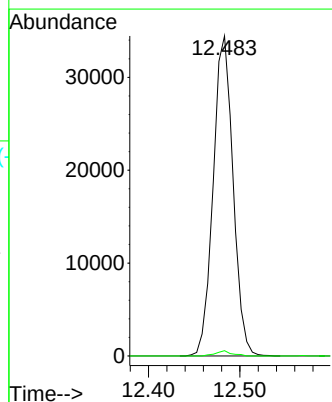
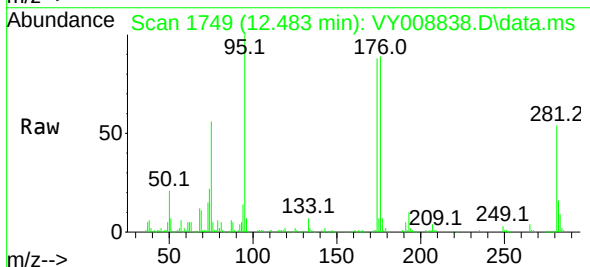
Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0006-01

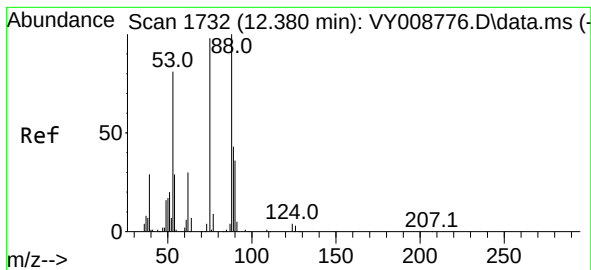
Tgt Ion:152 Resp: 97350
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 155.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.264 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008838.D
 Acq: 19 May 2022 01:25

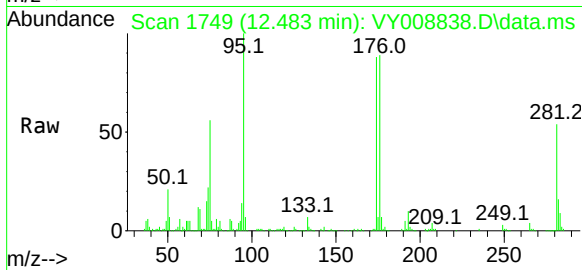
Tgt Ion: 75 Resp: 52025
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.192 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008838.D
 Acq: 19 May 2022 01:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 P031-SS001-0006-01



Tgt Ion: 75 Resp: 52025
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.1 37.0 55.4#

