

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008848.D
 Acq On : 19 May 2022 05:19
 Operator : KP/MD
 Sample : N2868-01
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0006-01

Quant Time: May 19 06:57:18 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)

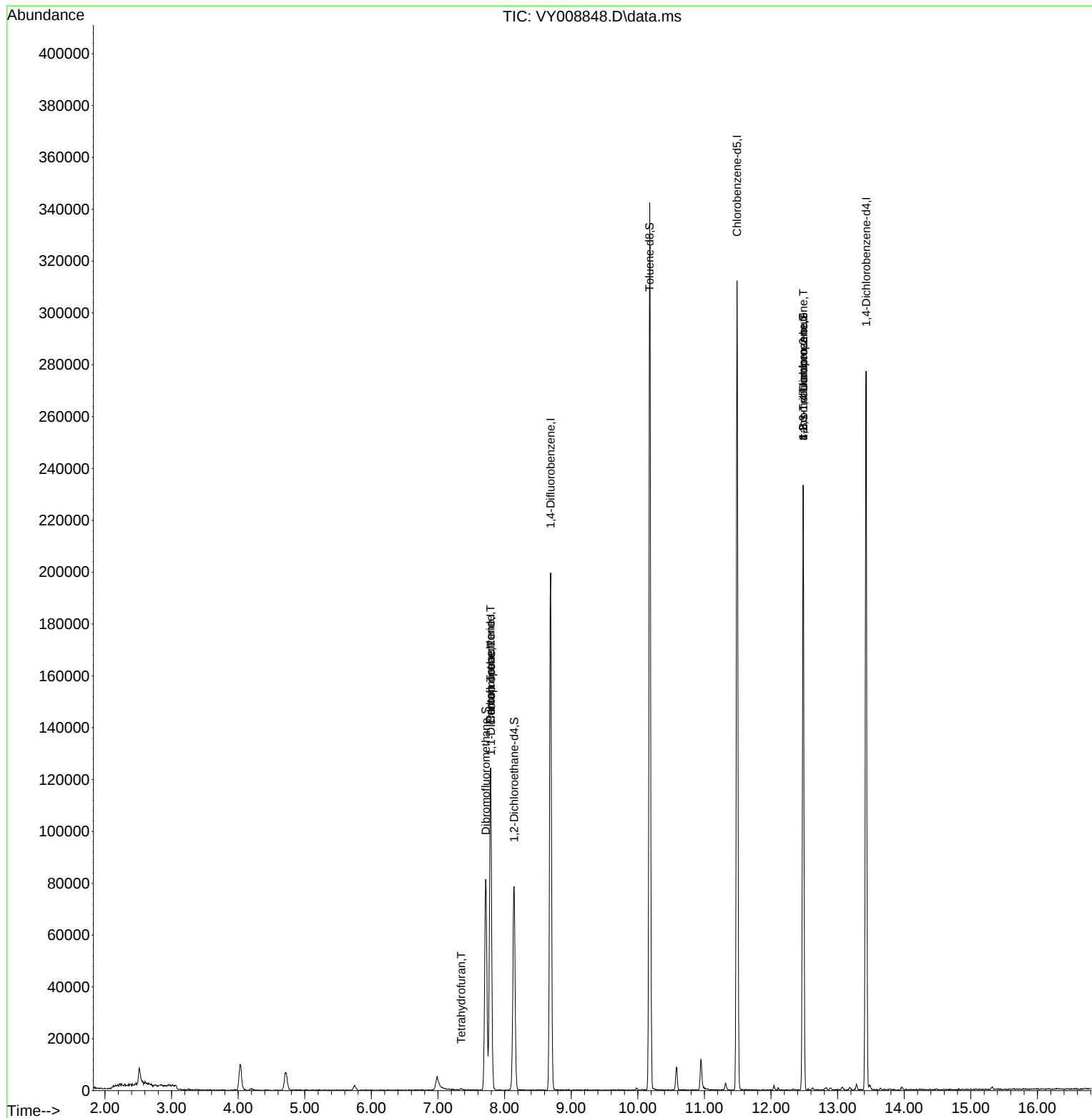
Internal Standards						
1) Pentafluorobenzene	7.789	168	93596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59625	68.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.340%	
35) Dibromofluoromethane	7.716	113	55245	56.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.200%	
50) Toluene-d8	10.179	98	212781	48.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.483	95	59896	39.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.320%	
Target Compounds						
						Qvalue
3) Chloromethane	2.125	50	113	Below Cal	#	44
4) Vinyl Chloride	2.217	62	49	Below Cal	#	43
5) Bromomethane	2.662	94	31	Below Cal	#	4
6) Chloroethane	2.845	64	69	Below Cal	#	43
16) Acetone	3.960	43	390	Below Cal	#	47
17) Carbon Disulfide	4.198	76	471	Below Cal	#	75
18) Methyl Acetate	4.241	43	20	Below Cal	#	56
20) Methylene Chloride	4.704	84	4890	Below Cal	#	73
29) Tetrahydrofuran	7.350	42	280	1.153	ug/l #	51
31) Cyclohexane	7.783	56	2100	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	7839	4.970	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9269	5.483	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34552	43.398	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34552	94.923	ug/l #	7

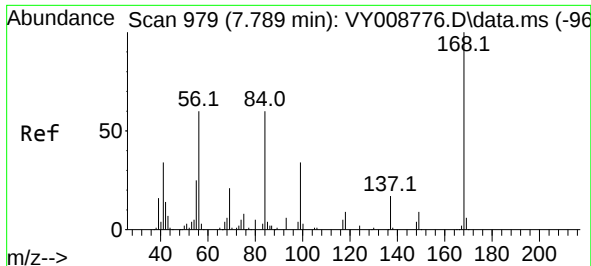
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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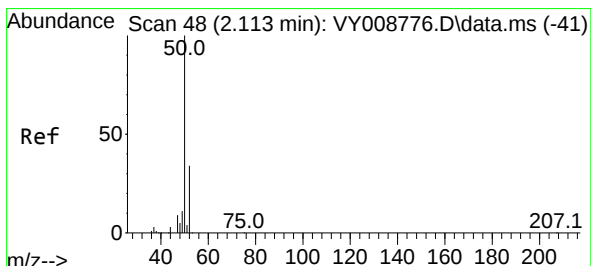
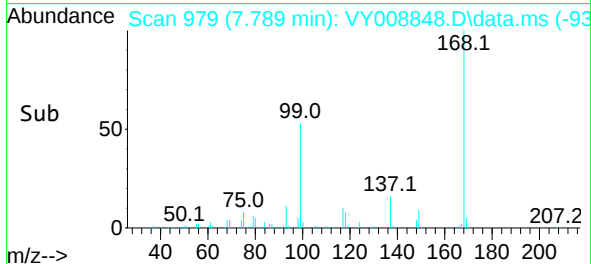
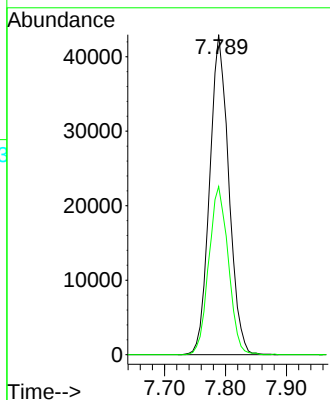
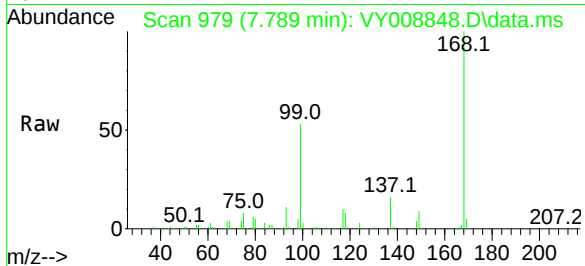




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

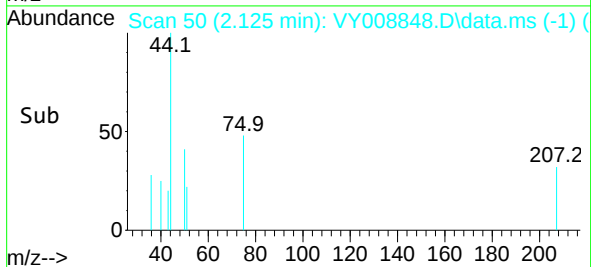
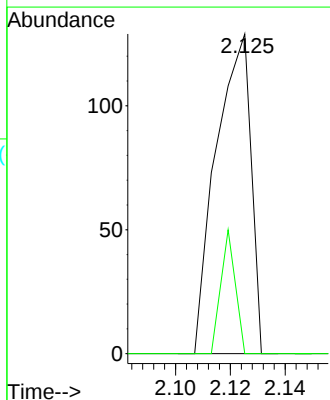
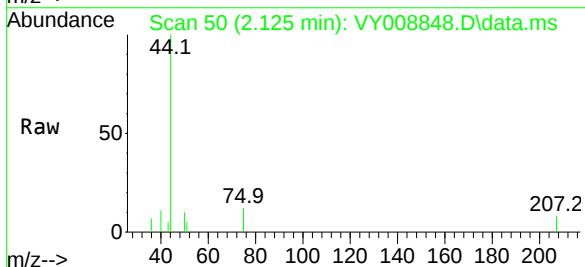
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

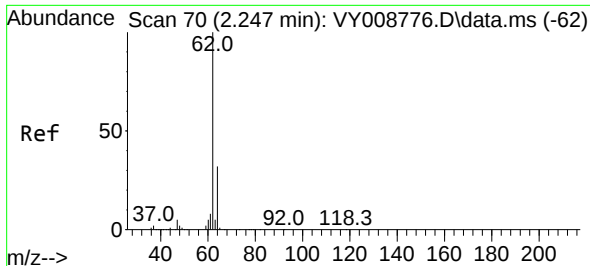
Tgt Ion:168 Resp: 93596
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

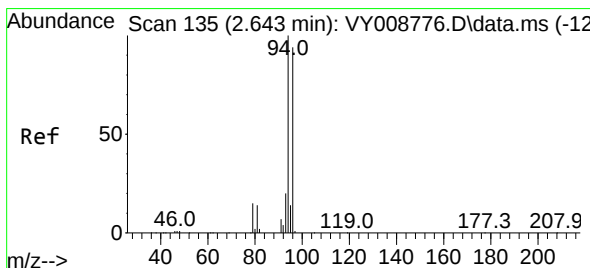
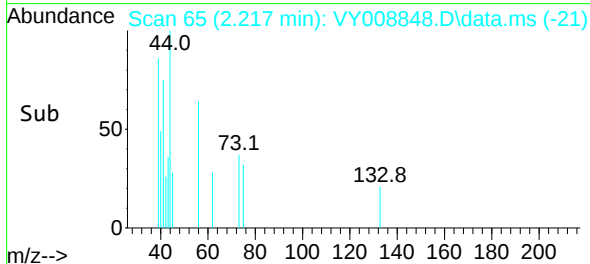
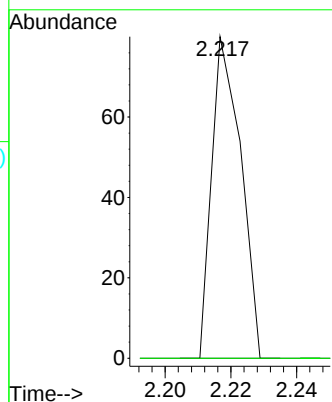
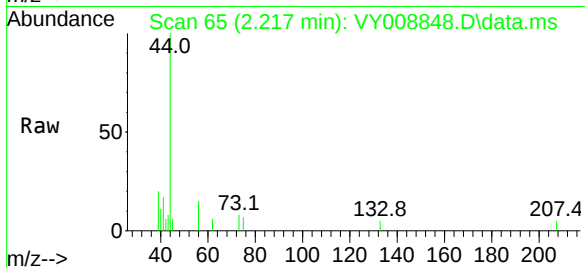




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.217 min Scan# 61
 Delta R.T. -0.030 min
 Lab File: VY008848.D
 Acq: 19 May 2022 05:19

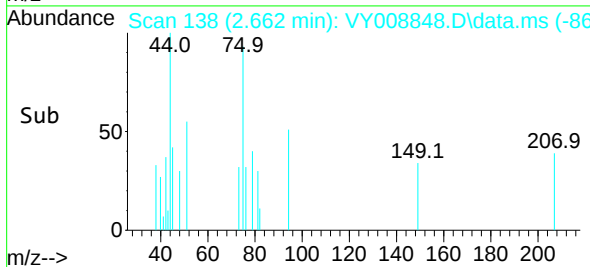
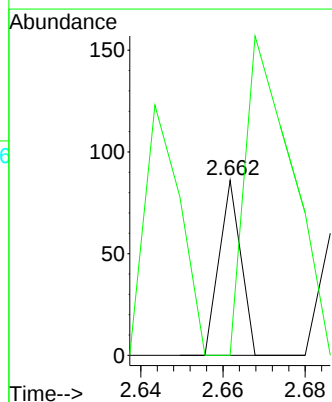
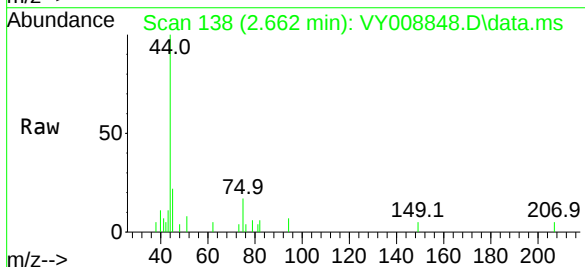
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0006-01

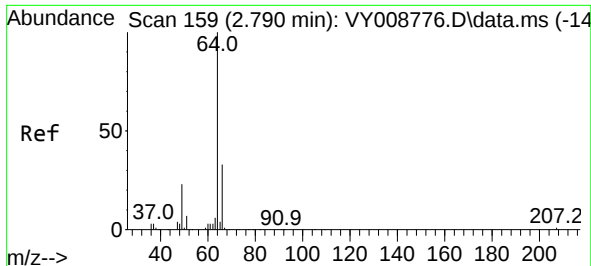
Tgt Ion: 62 Resp: 49
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY008848.D
 Acq: 19 May 2022 05:19

Tgt Ion: 94 Resp: 31
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#

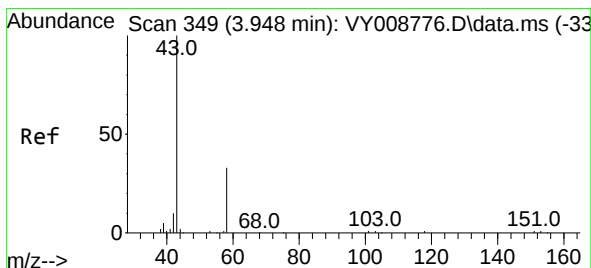
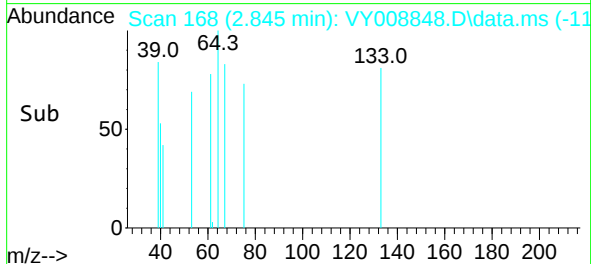
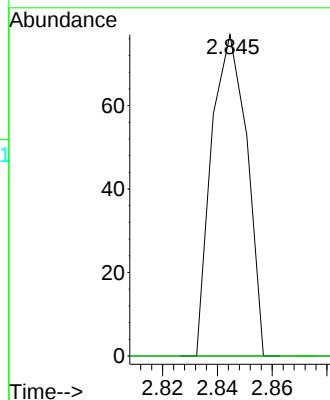
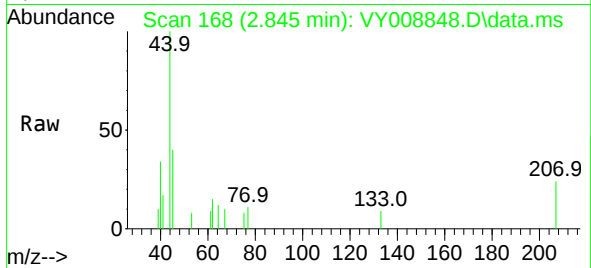




#6
Chloroethane
Concen: Below Cal
RT: 2.845 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

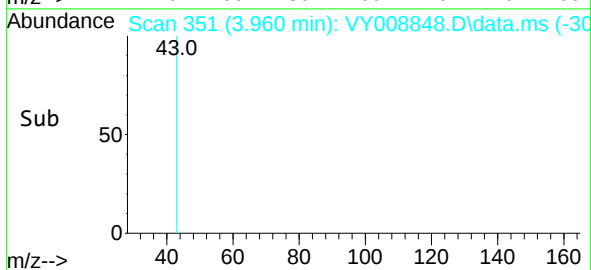
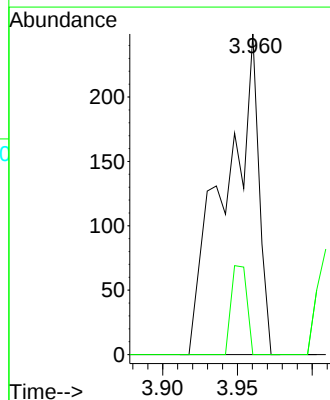
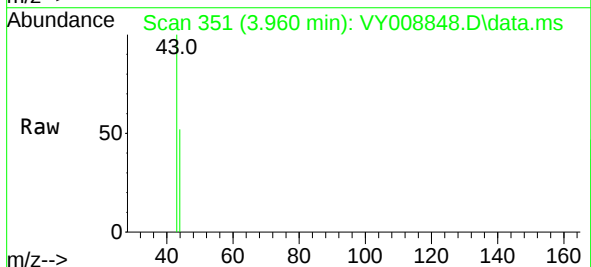
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

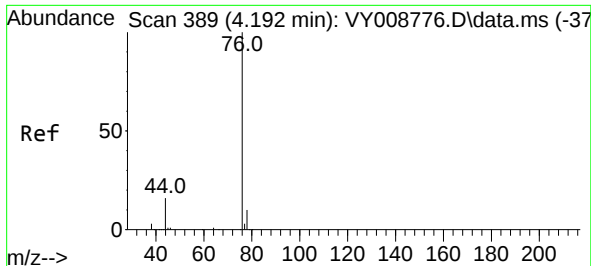
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

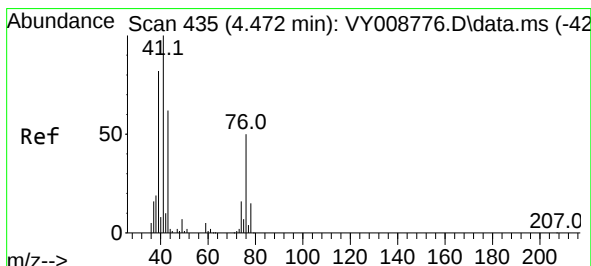
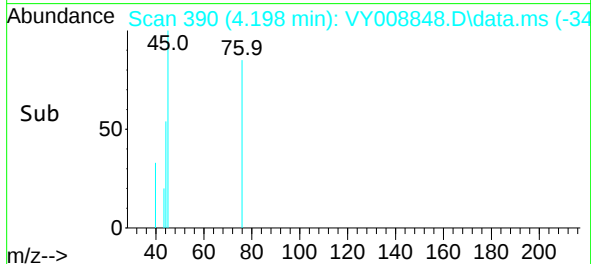
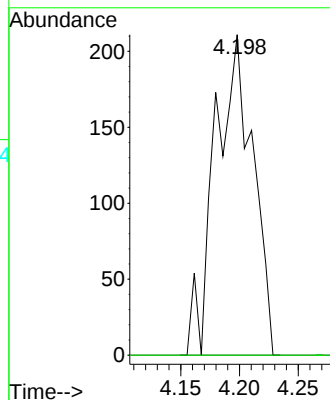
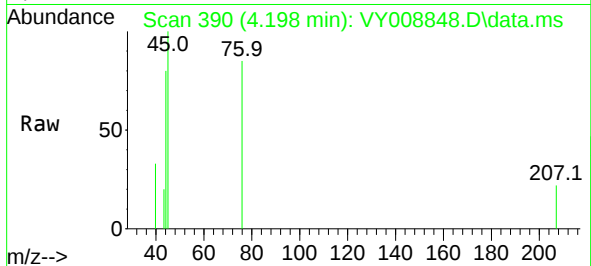




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

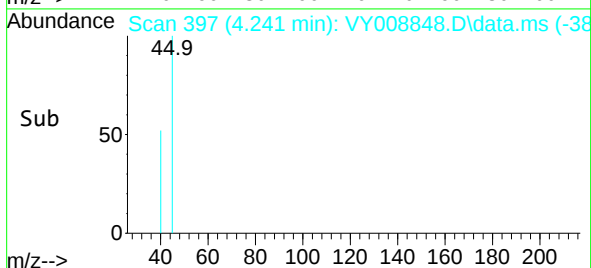
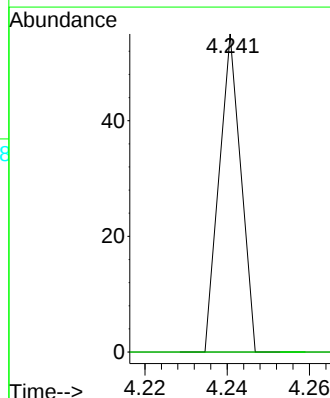
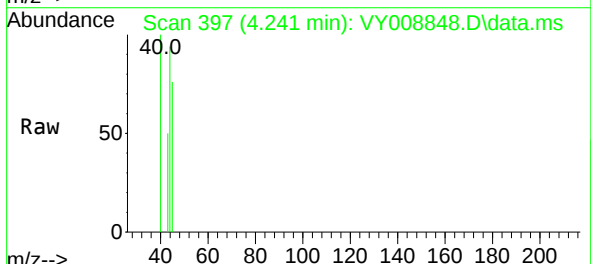
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

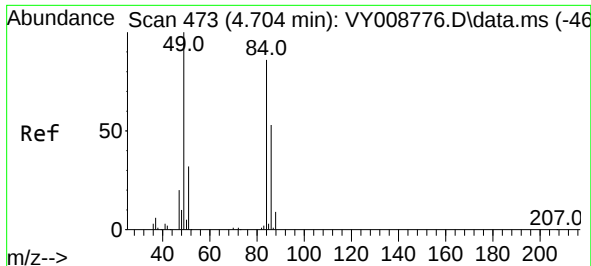
Tgt Ion: 76 Resp: 471
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.241 min Scan# 397
Delta R.T. -0.231 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

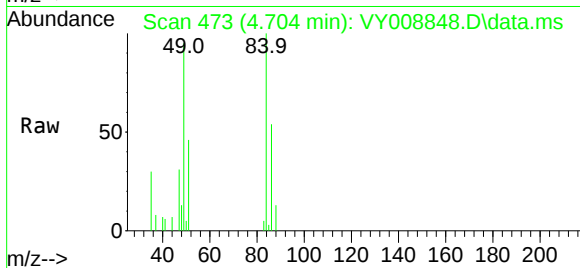
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



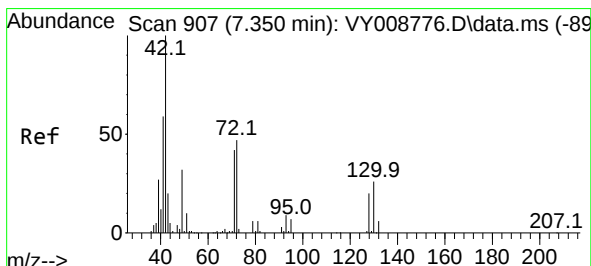
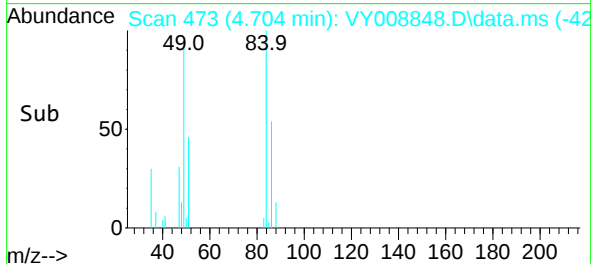
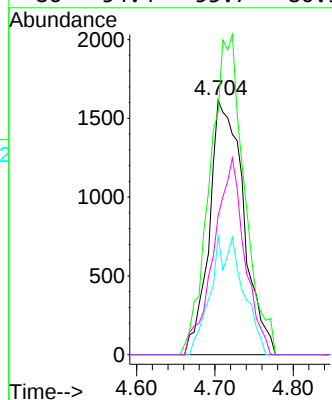


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

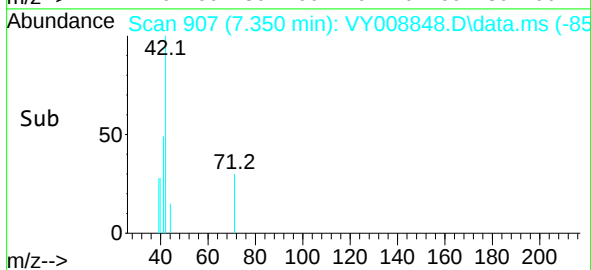
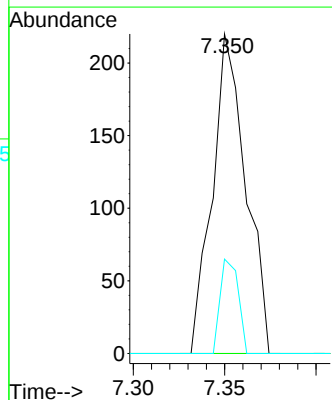
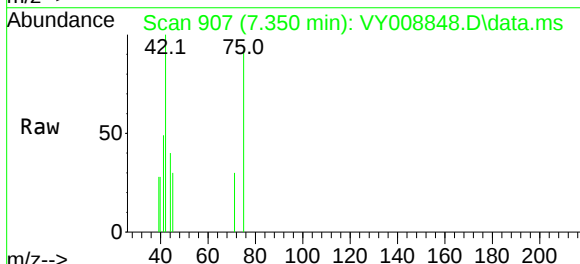


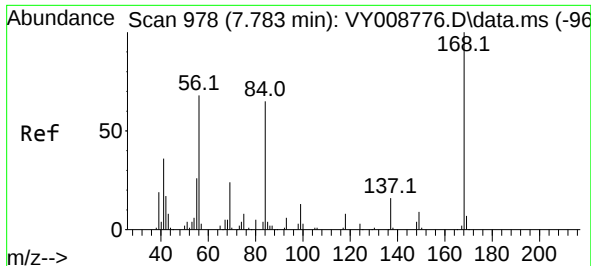
Tgt Ion:	84	Resp:	4890
Ion	Ratio	Lower	Upper
84	100		
49	95.3	114.4	171.6#
51	46.4	35.3	52.9
86	54.4	53.7	80.5



#29
Tetrahydrofuran
Concen: 1.153 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion:	42	Resp:	280
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	16.1	29.0	43.4#

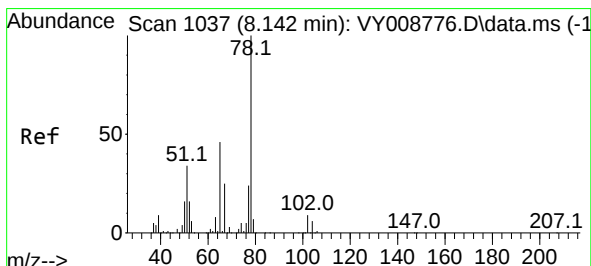
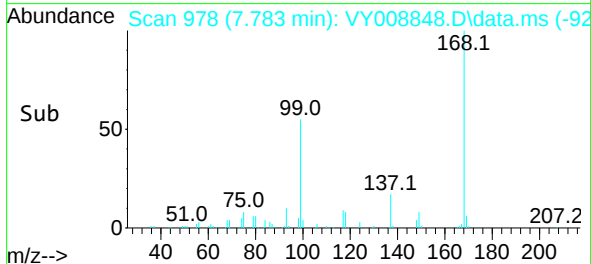
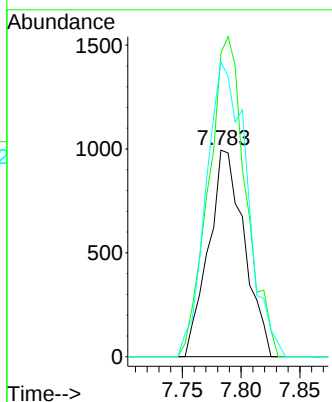
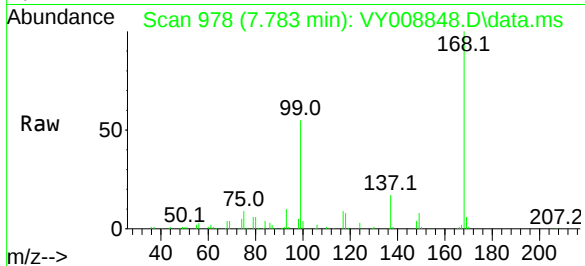




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

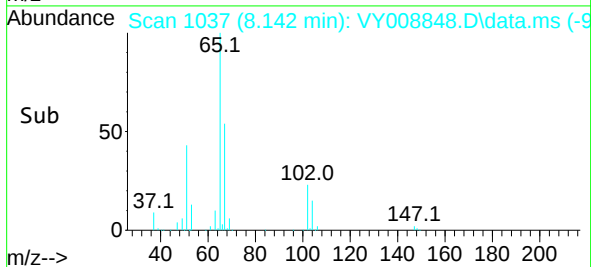
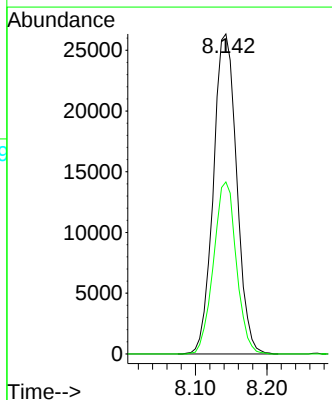
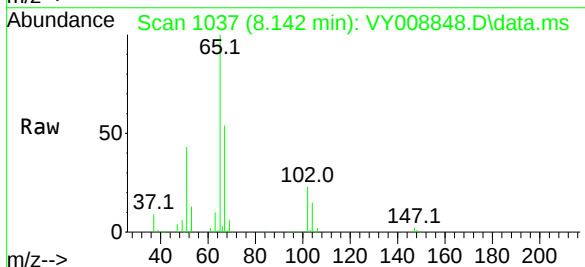
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P017-SS001-0006-01

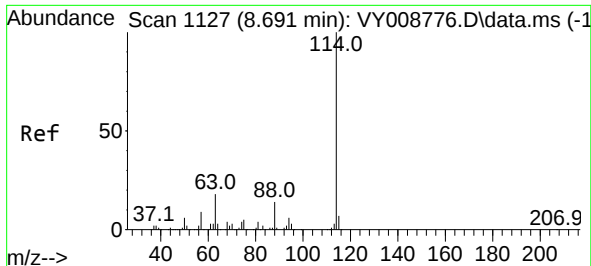
Tgt Ion: 56 Resp: 2100
Ion Ratio Lower Upper
56 100
69 146.9 26.7 40.1#
84 142.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.669 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 65 Resp: 59625
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008848.D

Acq: 19 May 2022 05:19

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS001-0006-01

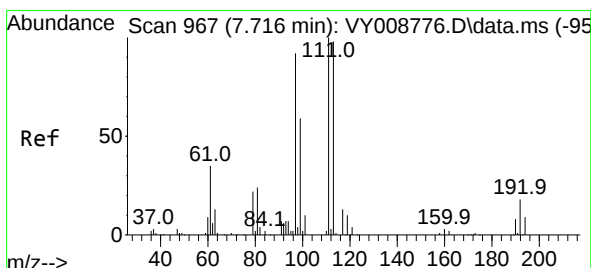
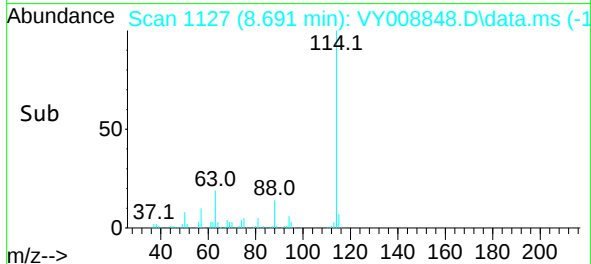
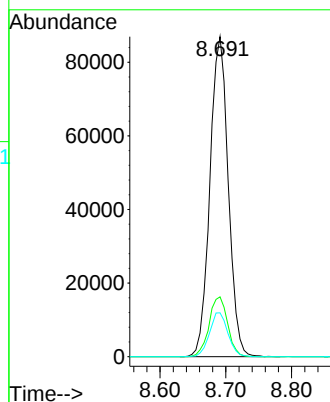
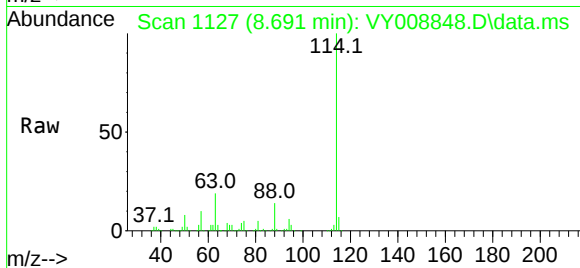
Tgt Ion:114 Resp: 168549

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.098 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008848.D

Acq: 19 May 2022 05:19

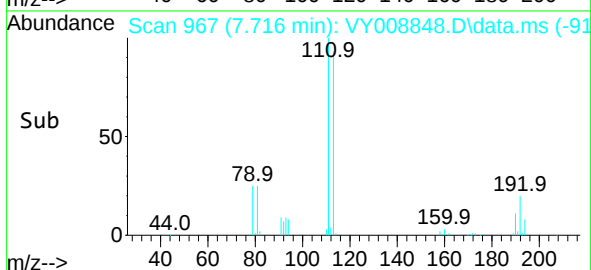
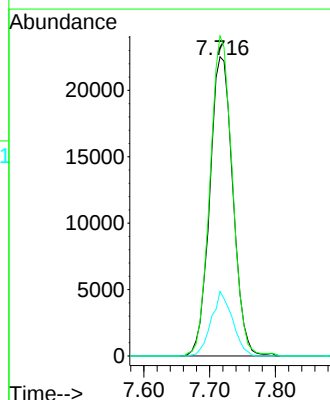
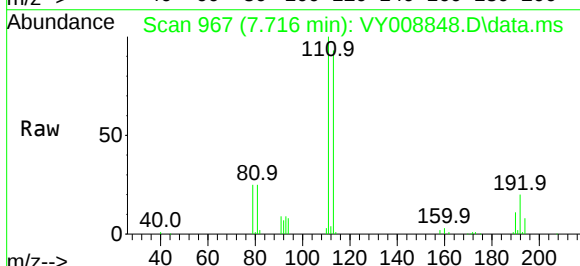
Tgt Ion:113 Resp: 55245

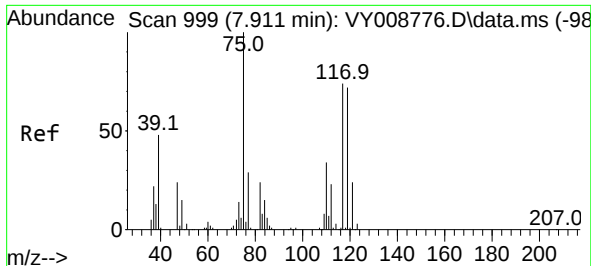
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.7 17.6 26.4

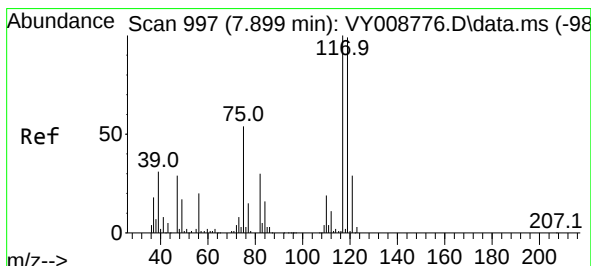
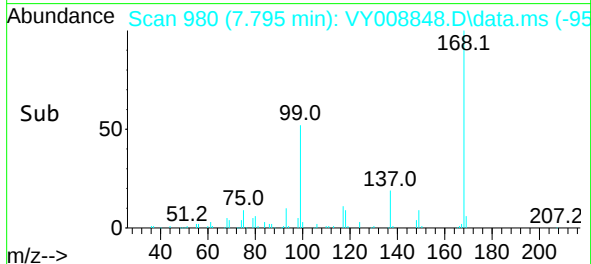
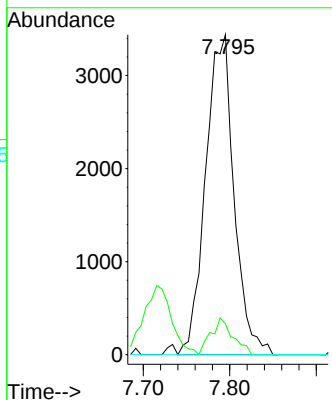
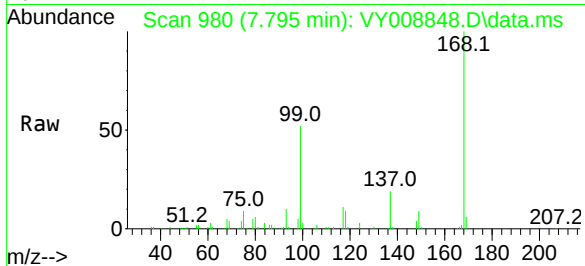




#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY008848.D
 Acq: 19 May 2022 05:19

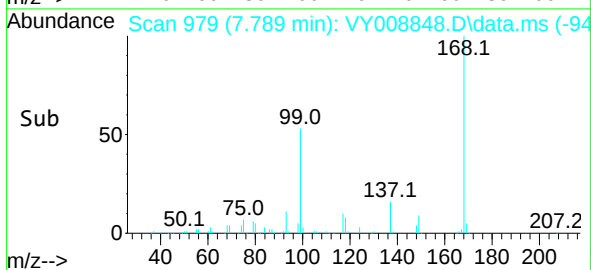
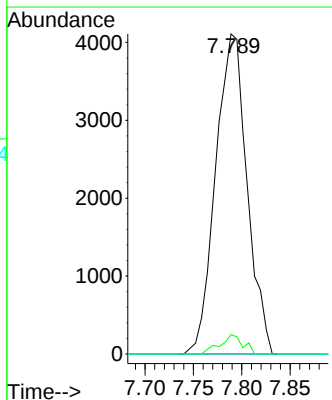
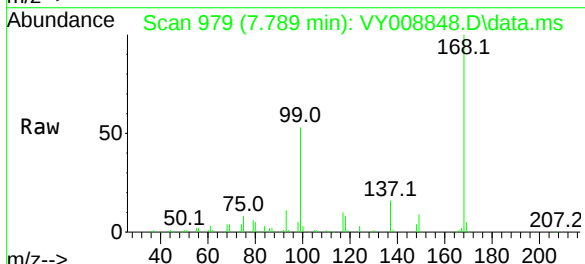
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0006-01

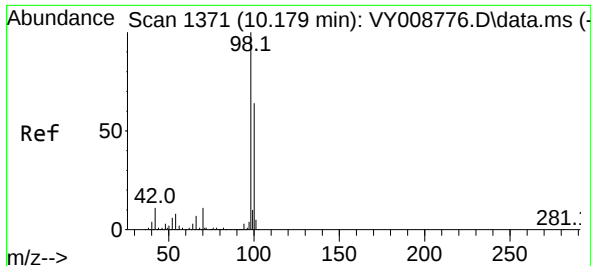
Tgt Ion: 75 Resp: 7839
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.483 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008848.D
 Acq: 19 May 2022 05:19

Tgt Ion: 117 Resp: 9269
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.9 116.9#
 121 0.0 24.8 37.2#

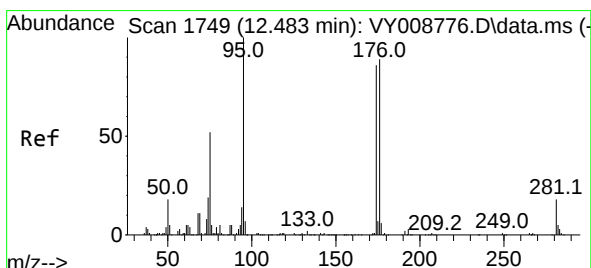
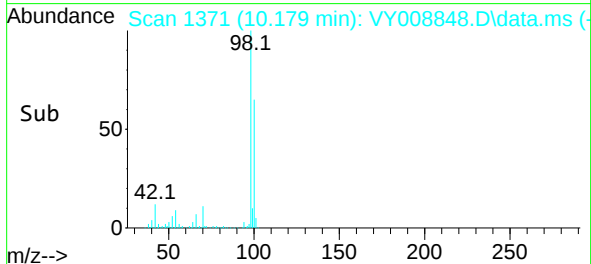
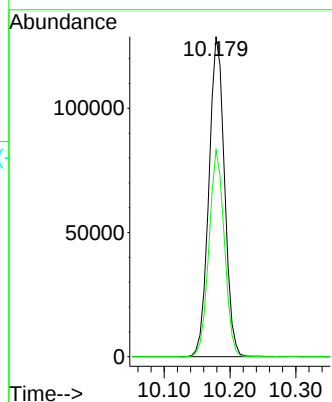
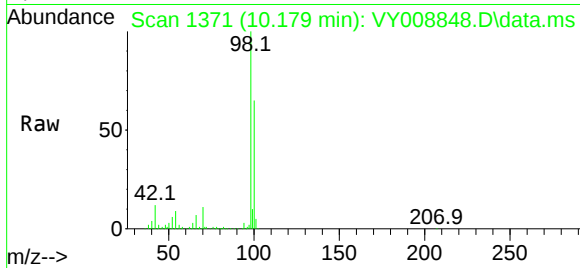




#50
Toluene-d8
Concen: 48.697 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

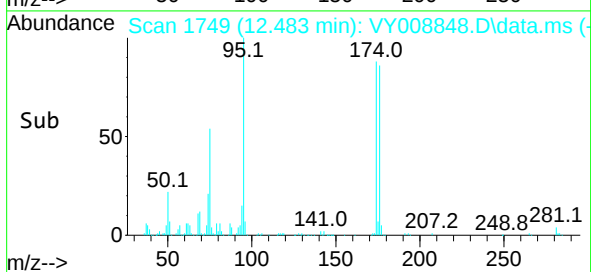
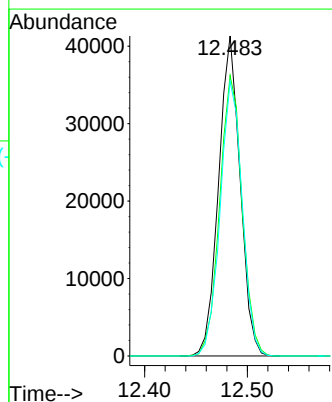
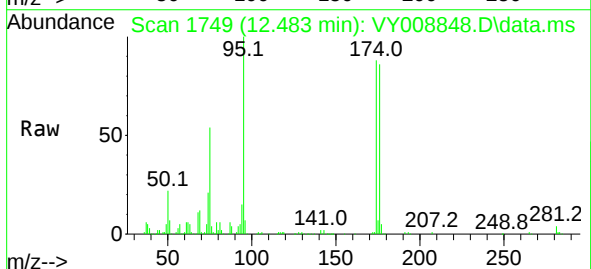
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

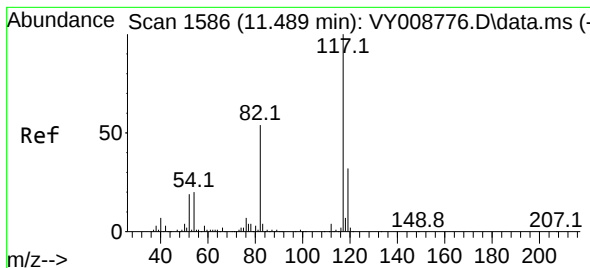
Tgt Ion: 98 Resp: 212781
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.155 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 95 Resp: 59896
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008848.D

Acq: 19 May 2022 05:19

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS001-0006-01

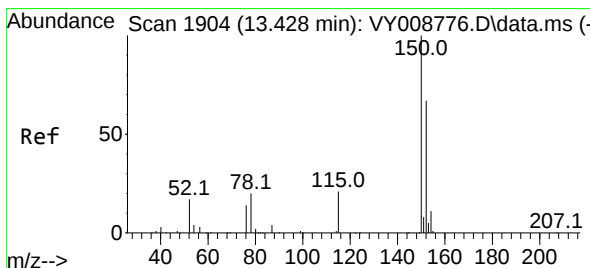
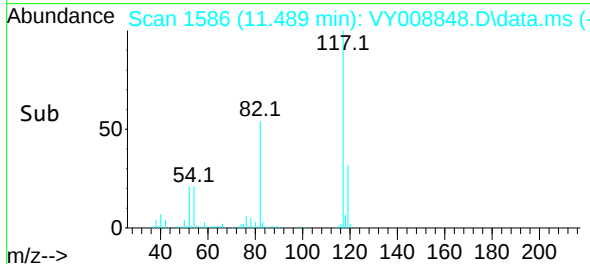
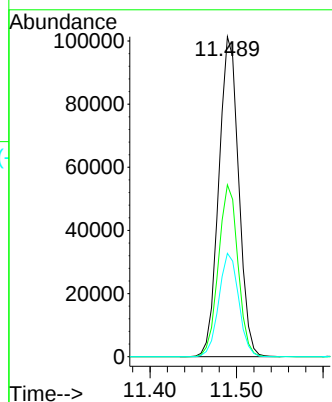
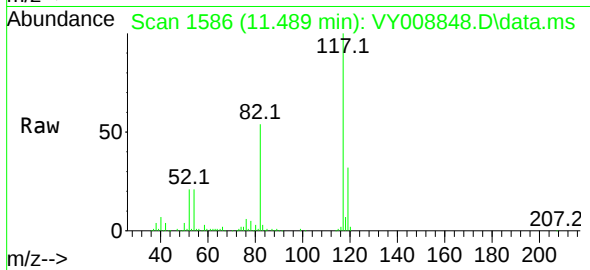
Tgt Ion:117 Resp: 161389

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

119 32.3 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: VY008848.D

Acq: 19 May 2022 05:19

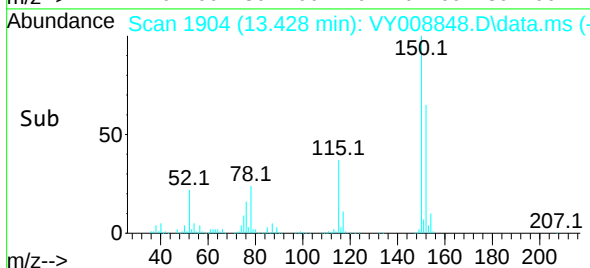
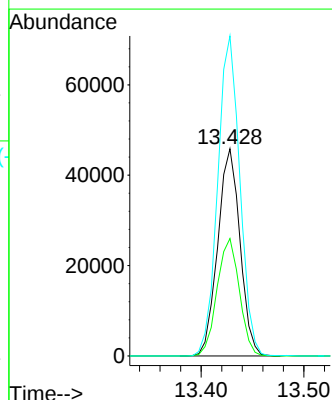
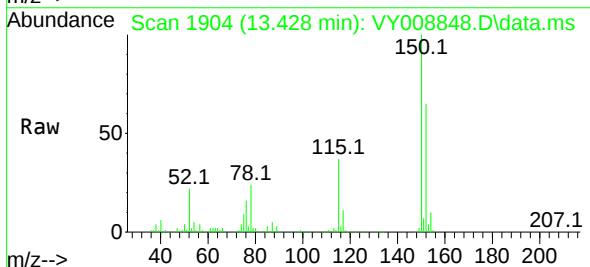
Tgt Ion:152 Resp: 68924

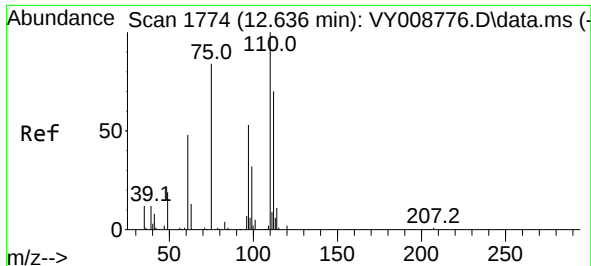
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 153.5 0.0 347.6

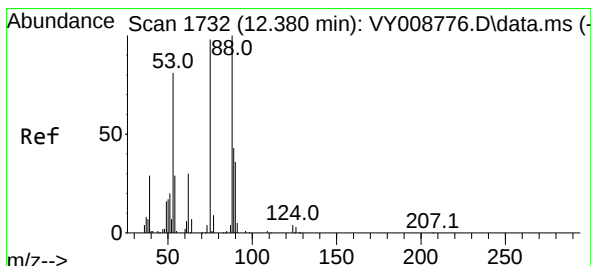
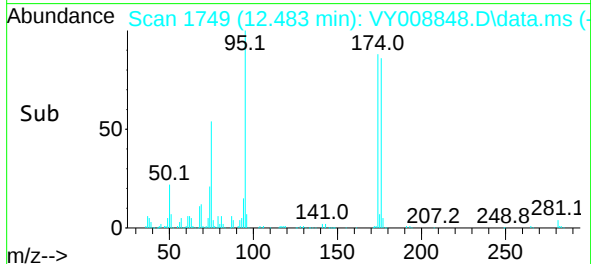
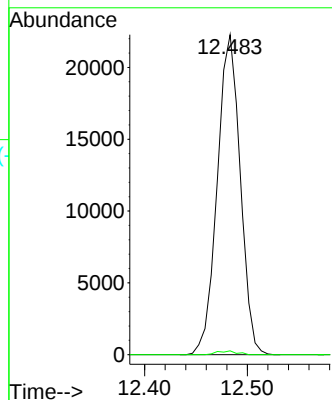
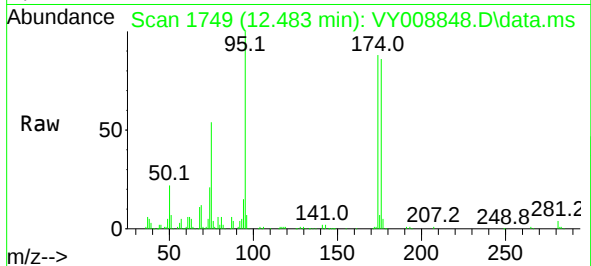




#76
1,2,3-Trichloropropane
Concen: 43.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

Tgt Ion: 75 Resp: 34552
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.923 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 75 Resp: 34552
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

