

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008851.D
 Acq On : 19 May 2022 06:29
 Operator : KP/MD
 Sample : N2868-04
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1824-01

Quant Time: May 19 06:58:01 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)

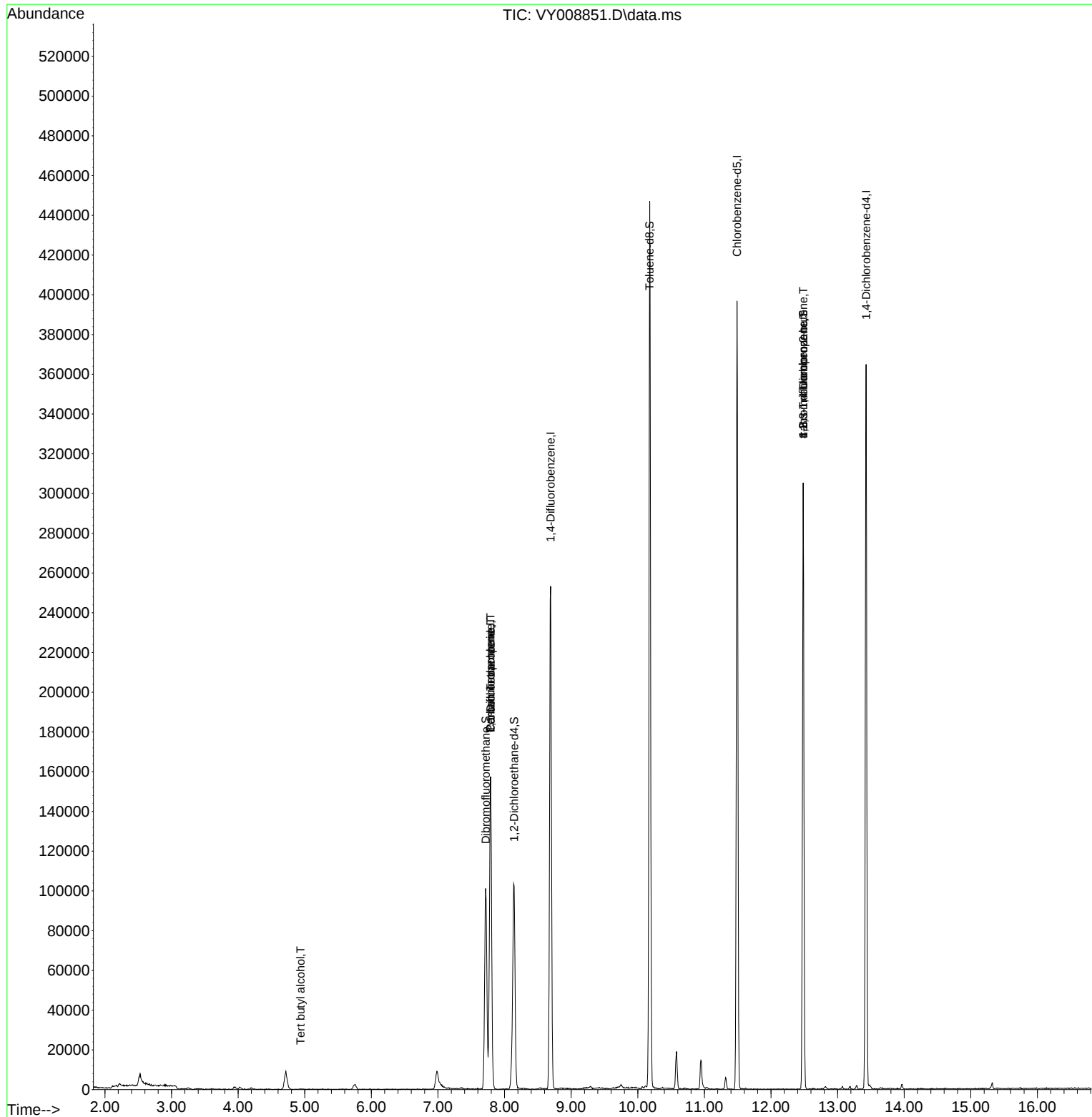
Internal Standards						
1) Pentafluorobenzene	7.789	168	121376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74696	66.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.680%	
35) Dibromofluoromethane	7.716	113	69492	55.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.620%	
50) Toluene-d8	10.179	98	273561	49.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.483	95	77822	39.811	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	95	Below Cal	#	17
4) Vinyl Chloride	2.260	62	41	Below Cal	#	43
5) Bromomethane	2.662	94	100	Below Cal	#	77
6) Chloroethane	2.833	64	41	Below Cal	#	21
11) Tert butyl alcohol	4.936	59	187	1.503	ug/l #	77
16) Acetone	3.936	43	1128	Below Cal		94
18) Methyl Acetate	4.704	43	50	Below Cal	#	56
20) Methylene Chloride	4.710	84	6399	Below Cal	#	64
31) Cyclohexane	7.783	56	2871	Below Cal	#	36
36) 1,1-Dichloropropene	7.789	75	10172	5.055	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11913	5.524	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44336	43.842	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44336	95.895	ug/l #	7

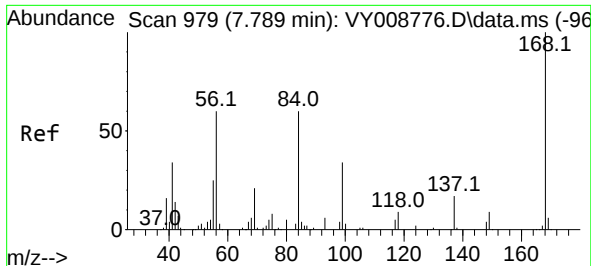
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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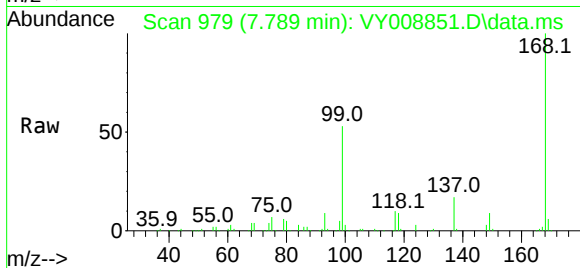
Quant Time: May 19 06:58:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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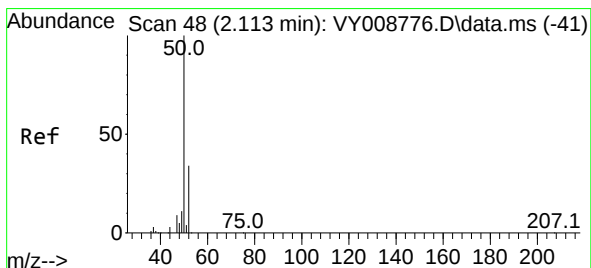
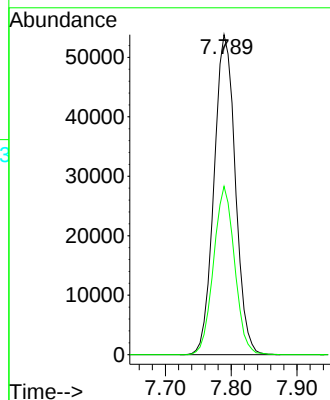
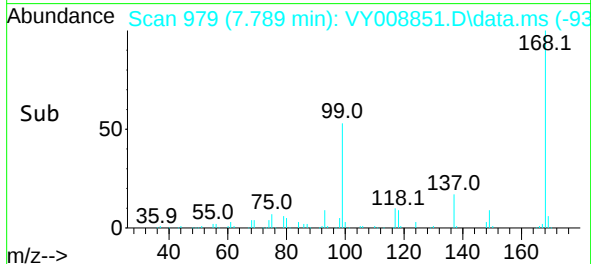


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1824-01

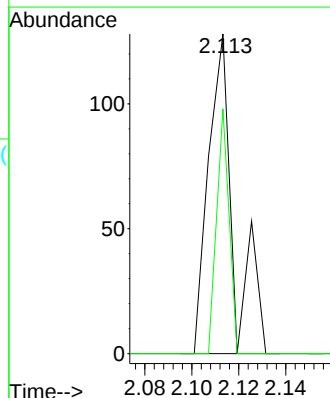
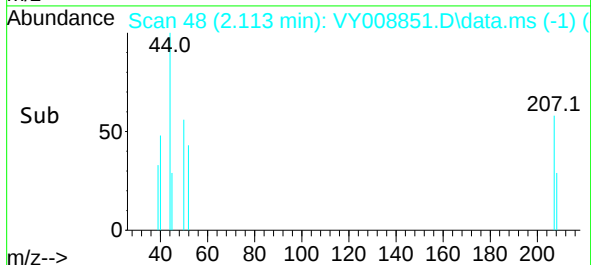
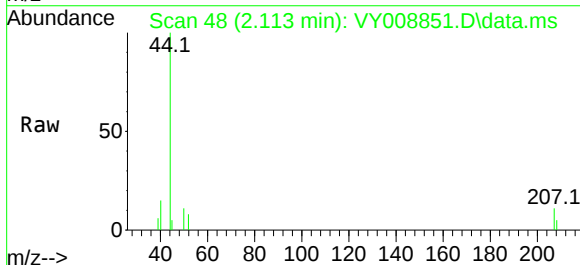


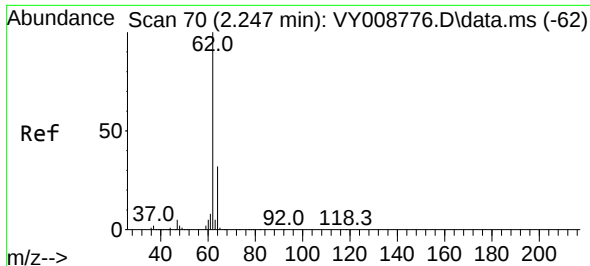
Tgt Ion:168 Resp: 121376
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Tgt Ion: 50 Resp: 95
Ion Ratio Lower Upper
50 100
52 76.6 24.6 37.0#

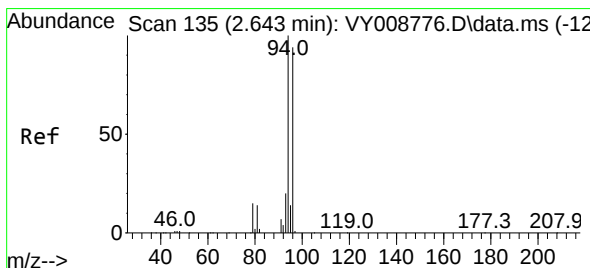
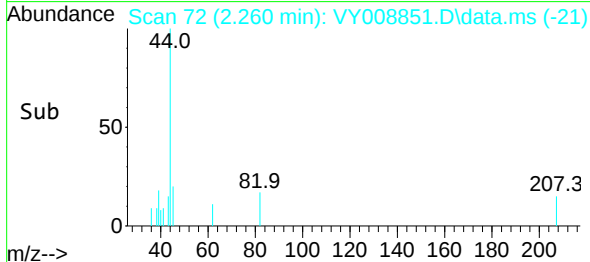
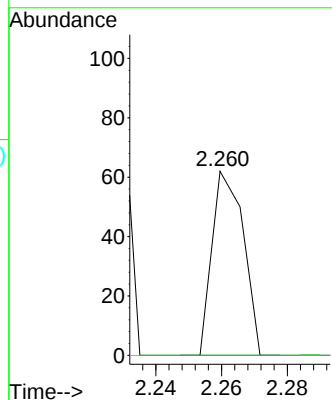
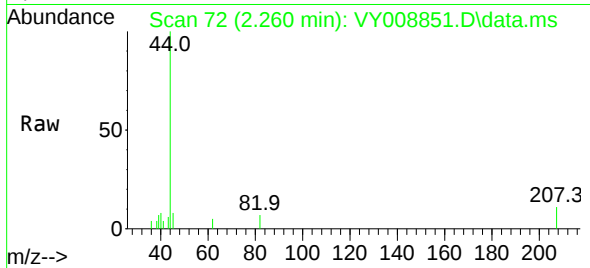




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.260 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VY008851.D
 Acq: 19 May 2022 06:29

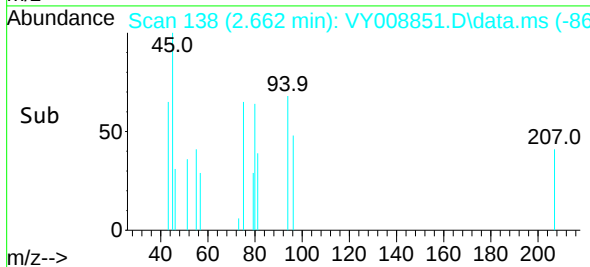
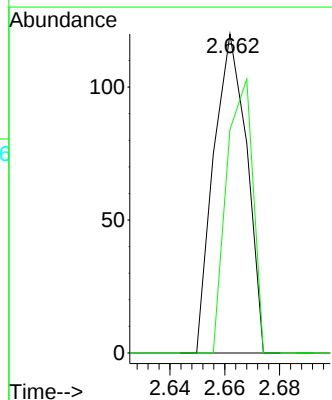
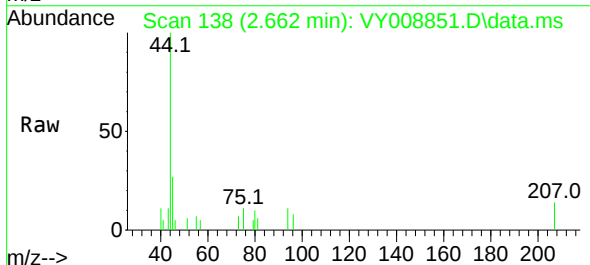
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1824-01

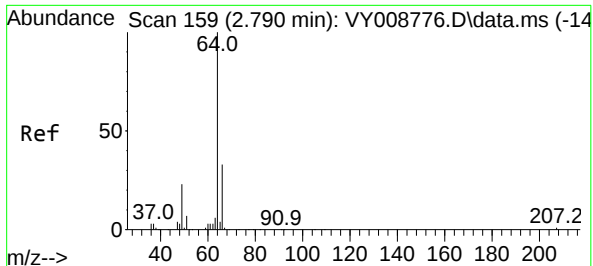
Tgt Ion: 62 Resp: 41
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY008851.D
 Acq: 19 May 2022 06:29

Tgt Ion: 94 Resp: 100
 Ion Ratio Lower Upper
 94 100
 96 70.0 73.5 110.3#

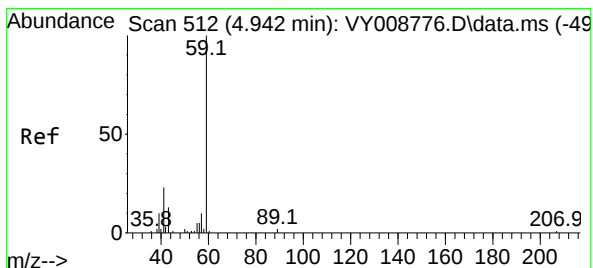
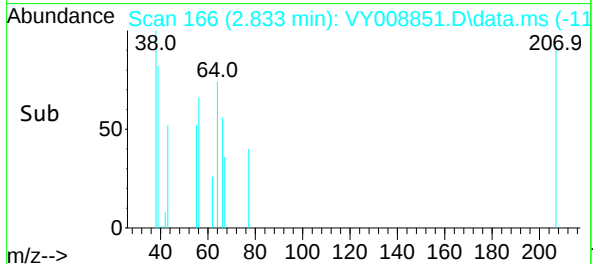
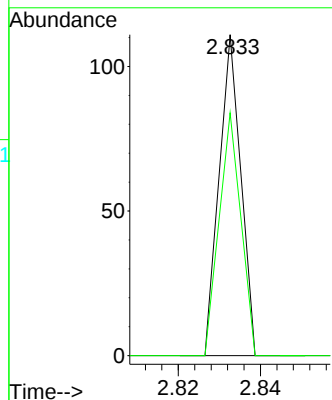
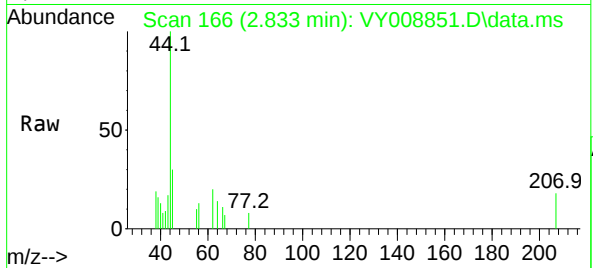




#6
Chloroethane
Concen: Below Cal
RT: 2.833 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

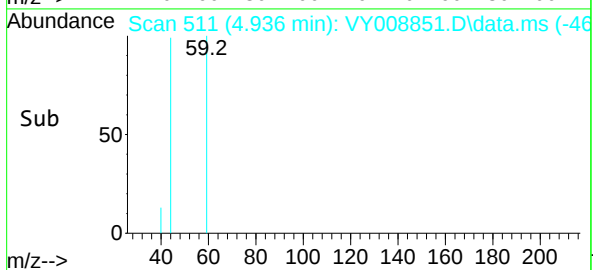
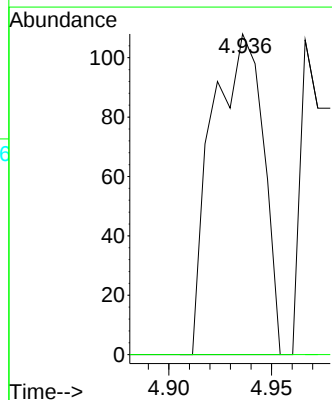
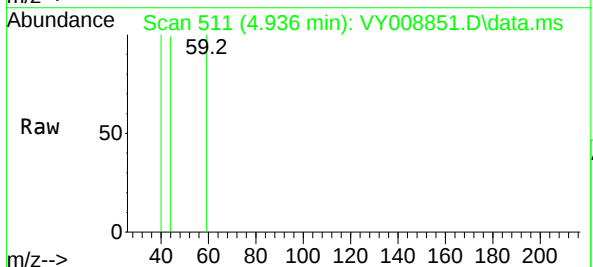
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1824-01

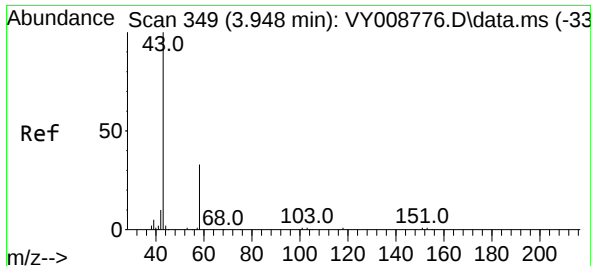
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 75.7 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.503 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

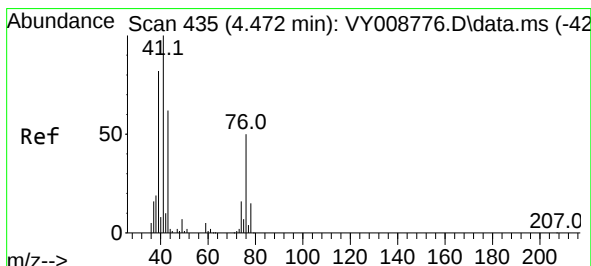
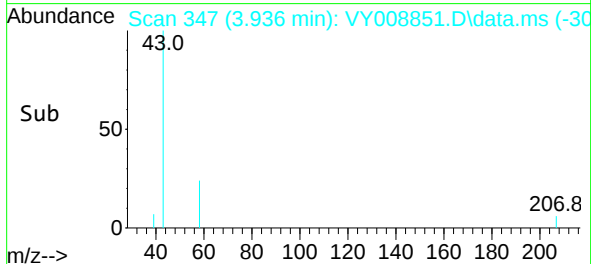
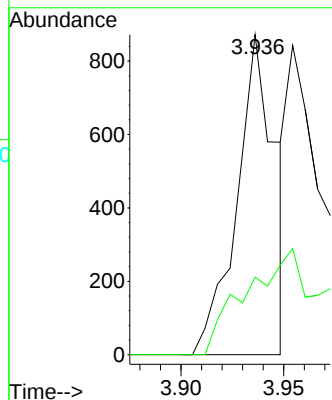
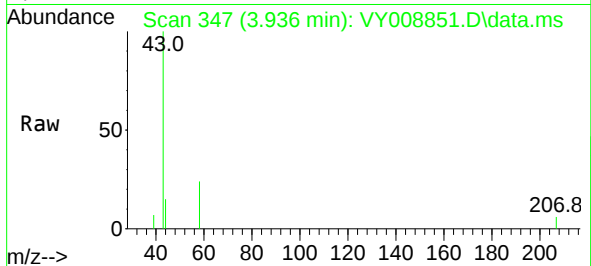




#16
Acetone
Concen: Below Cal
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

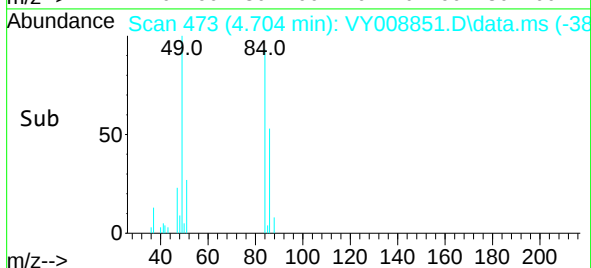
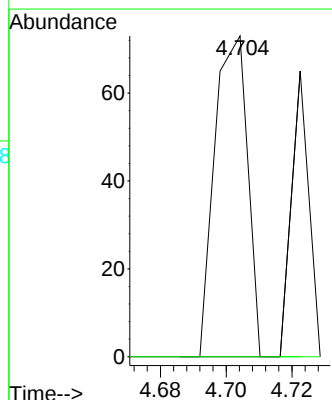
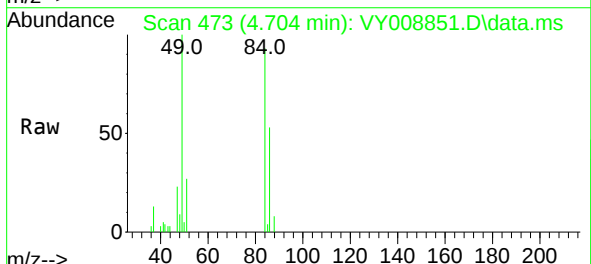
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1824-01

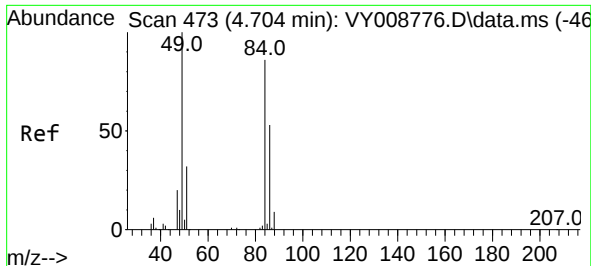
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 24.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.232 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

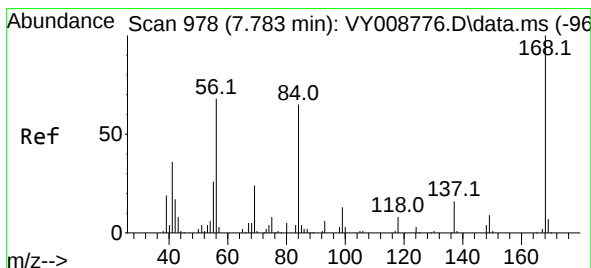
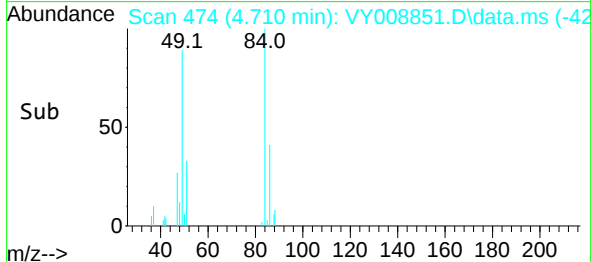
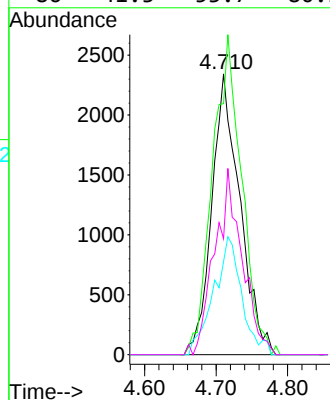
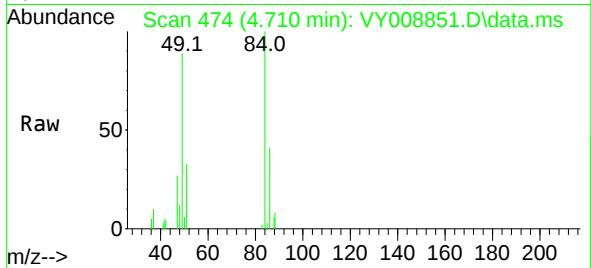




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

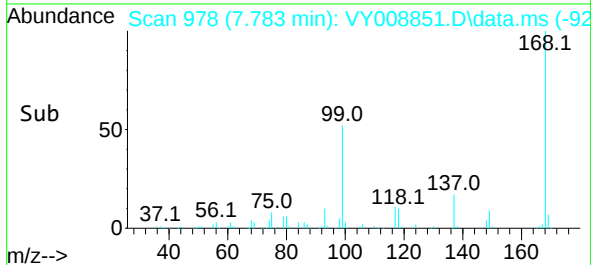
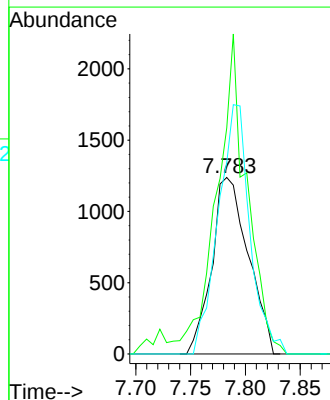
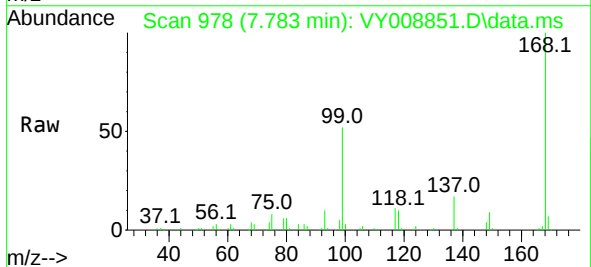
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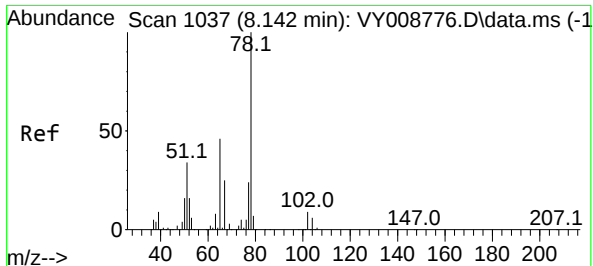
Tgt Ion: 84 Resp: 6399
Ion Ratio Lower Upper
84 100
49 89.4 114.4 171.6#
51 33.2 35.3 52.9#
86 41.3 53.7 80.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Tgt Ion: 56 Resp: 2871
Ion Ratio Lower Upper
56 100
69 123.3 26.7 40.1#
84 108.6 67.2 100.8#

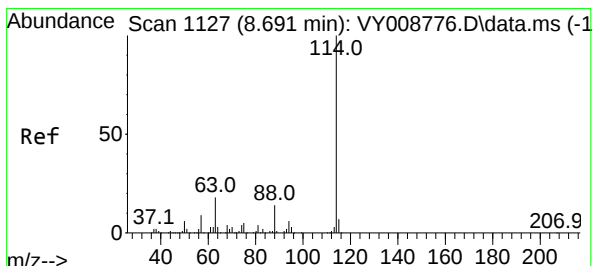
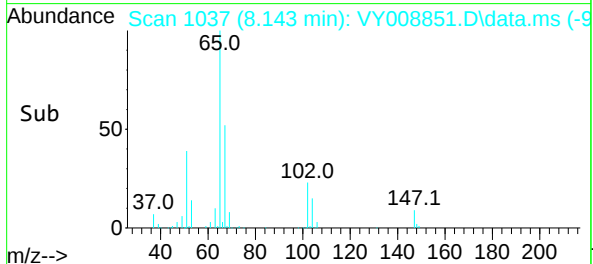
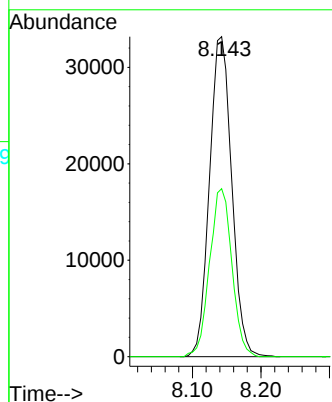
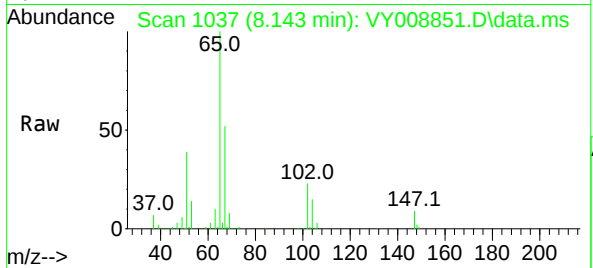




#33
 1,2-Dichloroethane-d4
 Concen: 66.337 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008851.D
 Acq: 19 May 2022 06:29

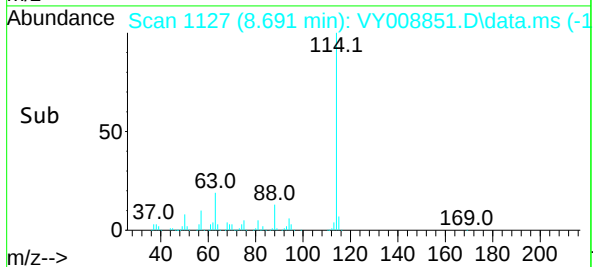
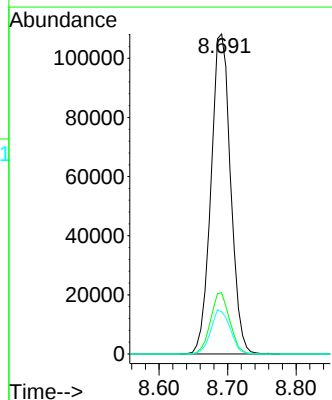
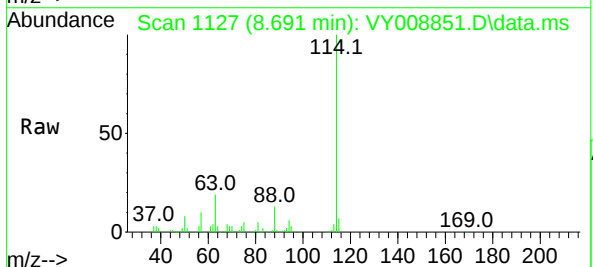
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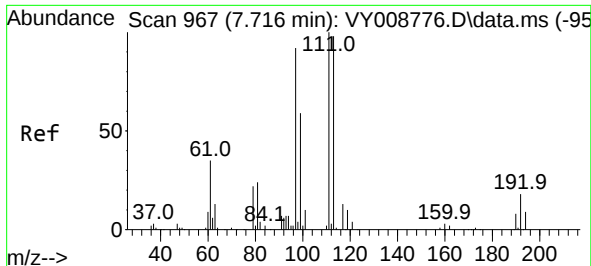
Tgt Ion: 65 Resp: 74696
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008851.D
 Acq: 19 May 2022 06:29

Tgt Ion: 114 Resp: 215039
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 13.2 0.0 31.8

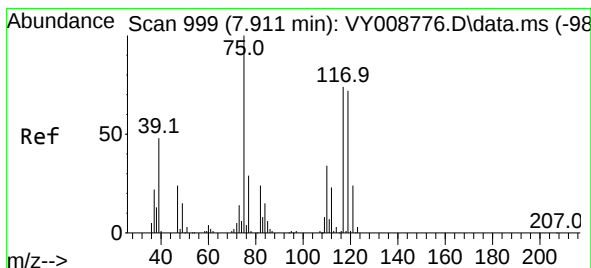
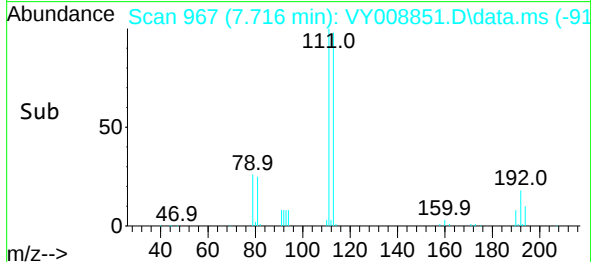
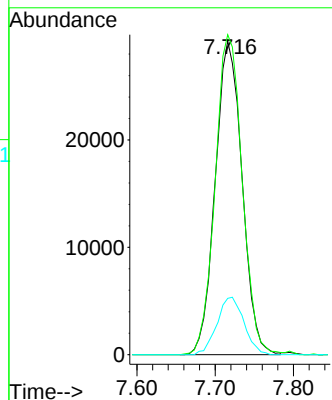
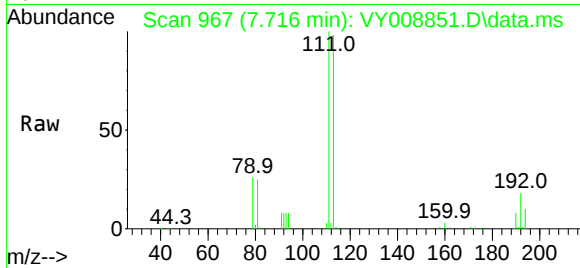




#35
Dibromofluoromethane
Concen: 55.309 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

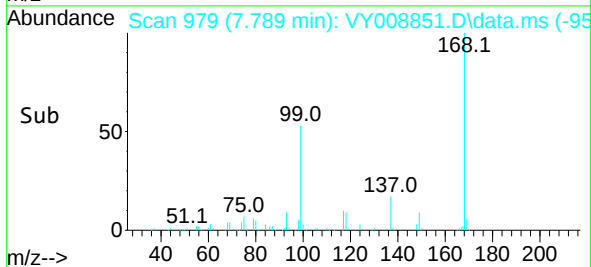
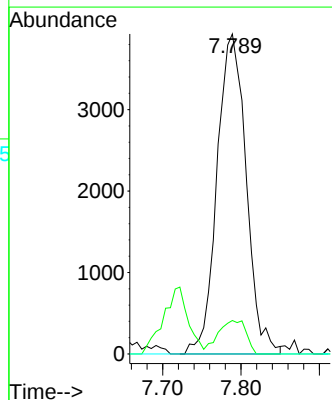
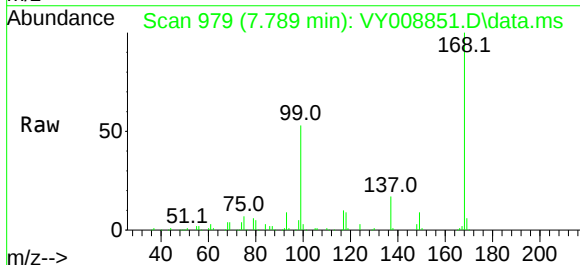
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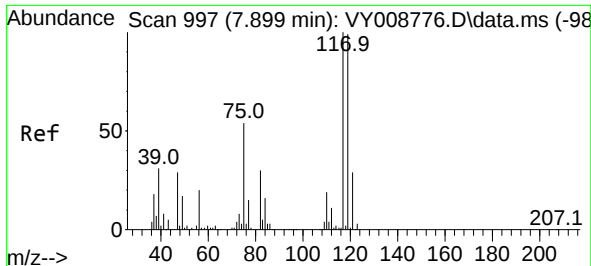
Tgt Ion:113 Resp: 69492
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

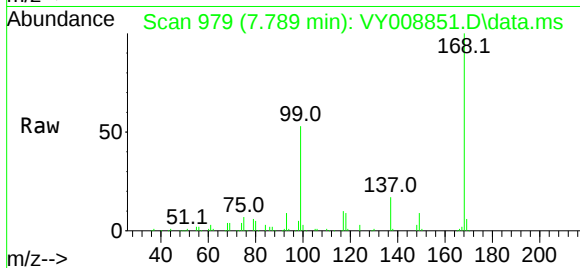
Tgt Ion: 75 Resp: 10172
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



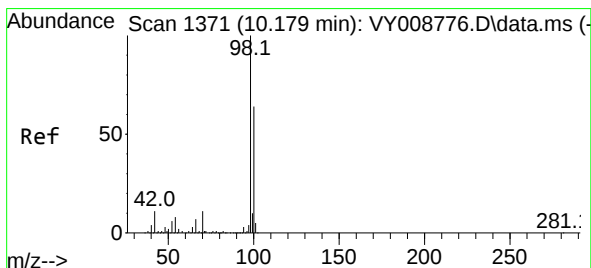
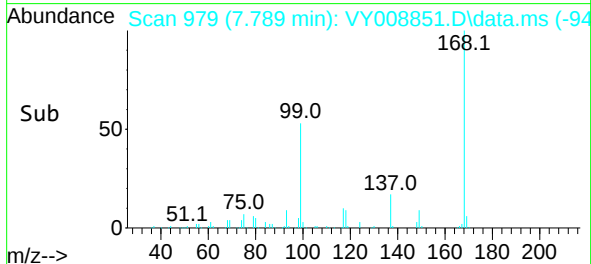
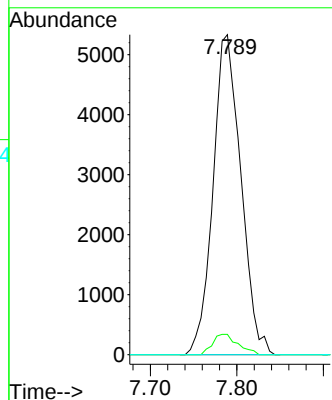


#38
Carbon Tetrachloride
Concen: 5.524 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1824-01

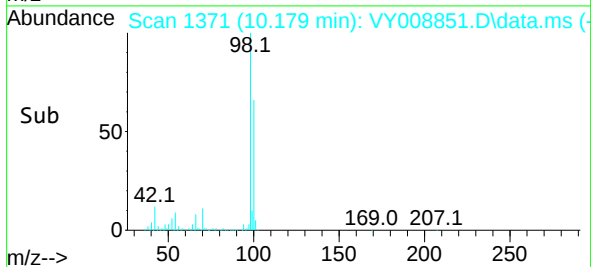
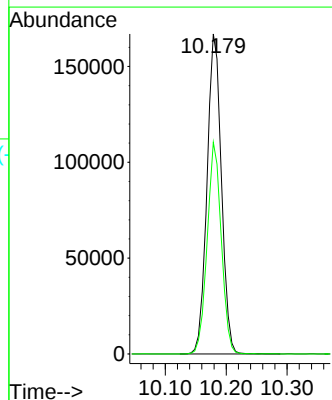
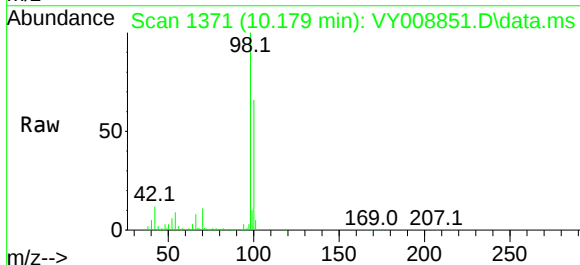


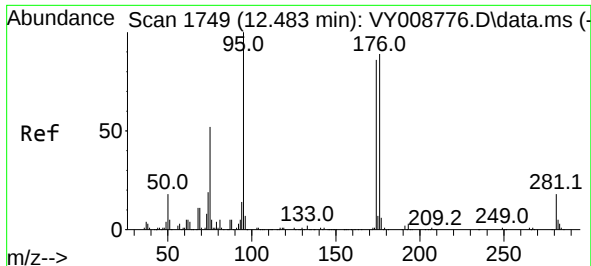
Tgt Ion:117 Resp: 11913
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.048 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Tgt Ion: 98 Resp: 273561
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

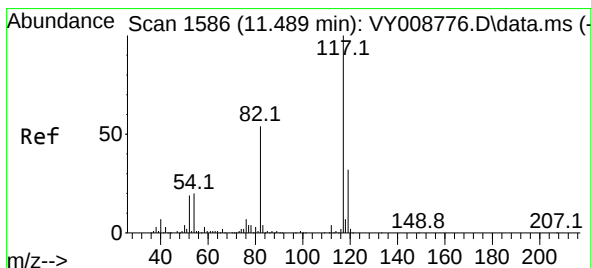
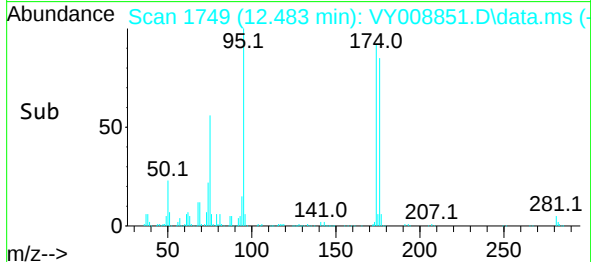
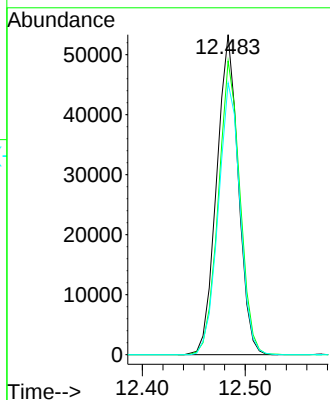
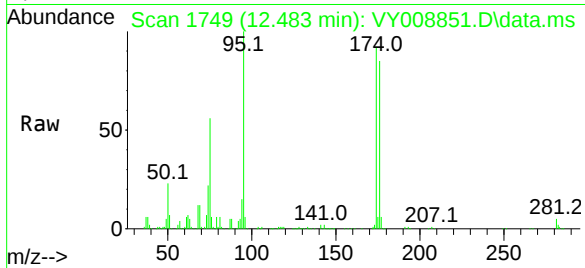




#62
4-Bromofluorobenzene
Concen: 39.811 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

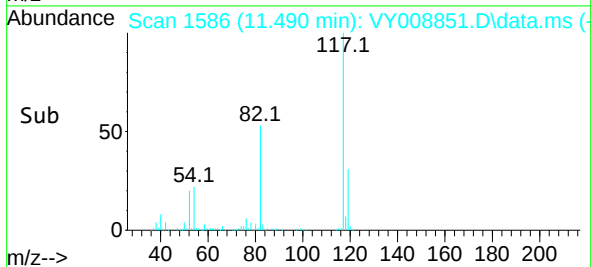
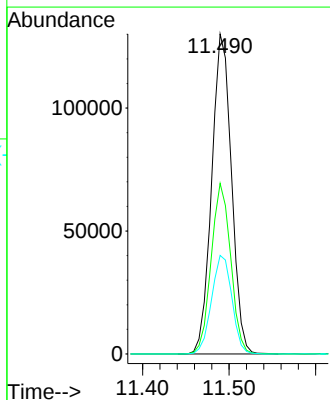
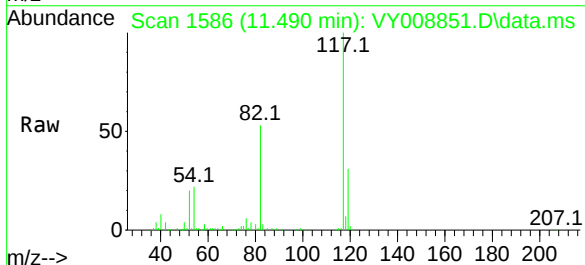
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1824-01

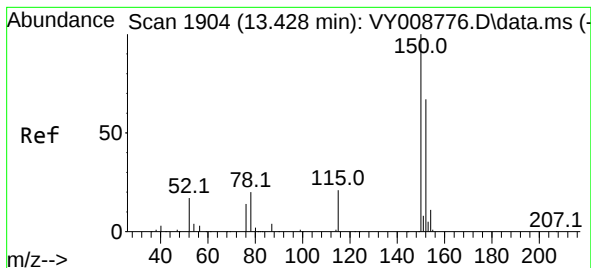
Tgt Ion: 95 Resp: 77822
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008851.D
Acq: 19 May 2022 06:29

Tgt Ion: 117 Resp: 206654
Ion Ratio Lower Upper
117 100
82 53.3 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: VY008851.D

Acq: 19 May 2022 06:29

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS001-1824-01

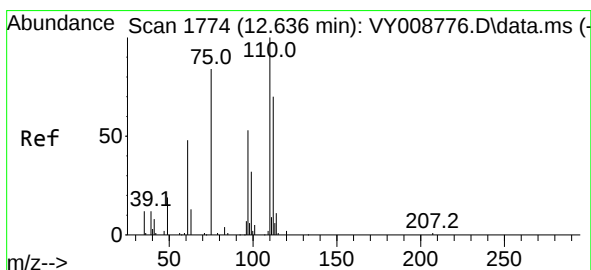
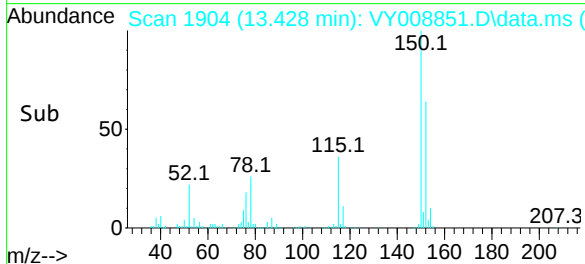
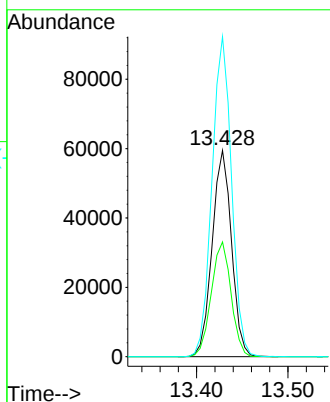
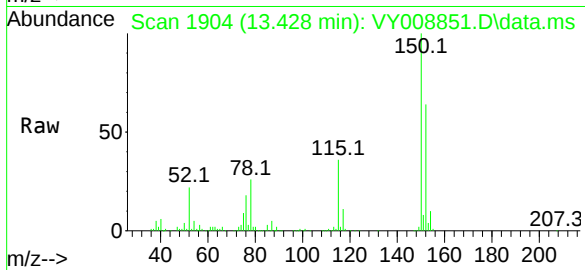
Tgt Ion:152 Resp: 87545

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 156.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 43.842 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008851.D

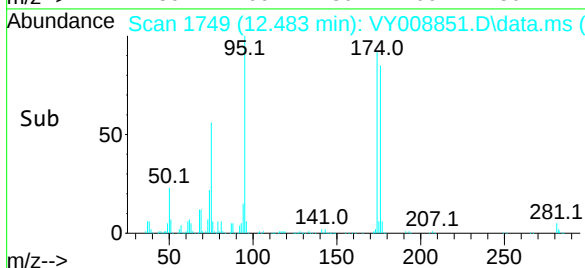
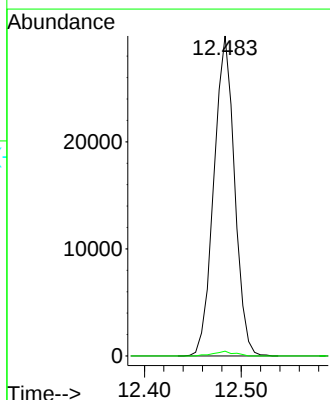
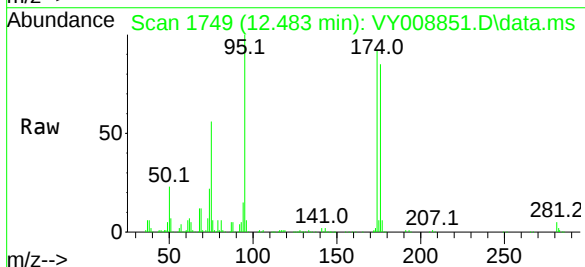
Acq: 19 May 2022 06:29

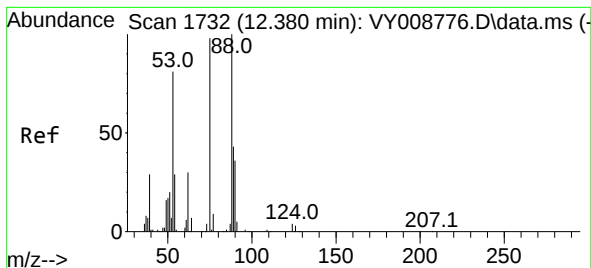
Tgt Ion: 75 Resp: 44336

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 95.895 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY008851.D

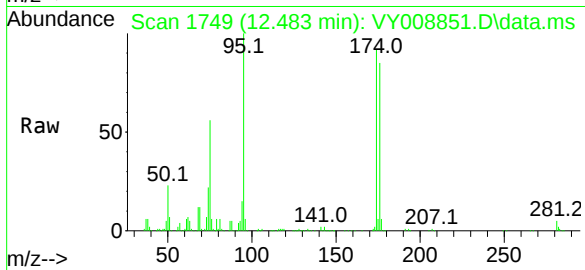
Acq: 19 May 2022 06:29

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS001-1824-01



Tgt Ion: 75 Resp: 44336

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.2 37.0 55.4#

