

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008804.D
 Acq On : 18 May 2022 04:27
 Operator : KP/MD
 Sample : N2869-03
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 08:02:53 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)

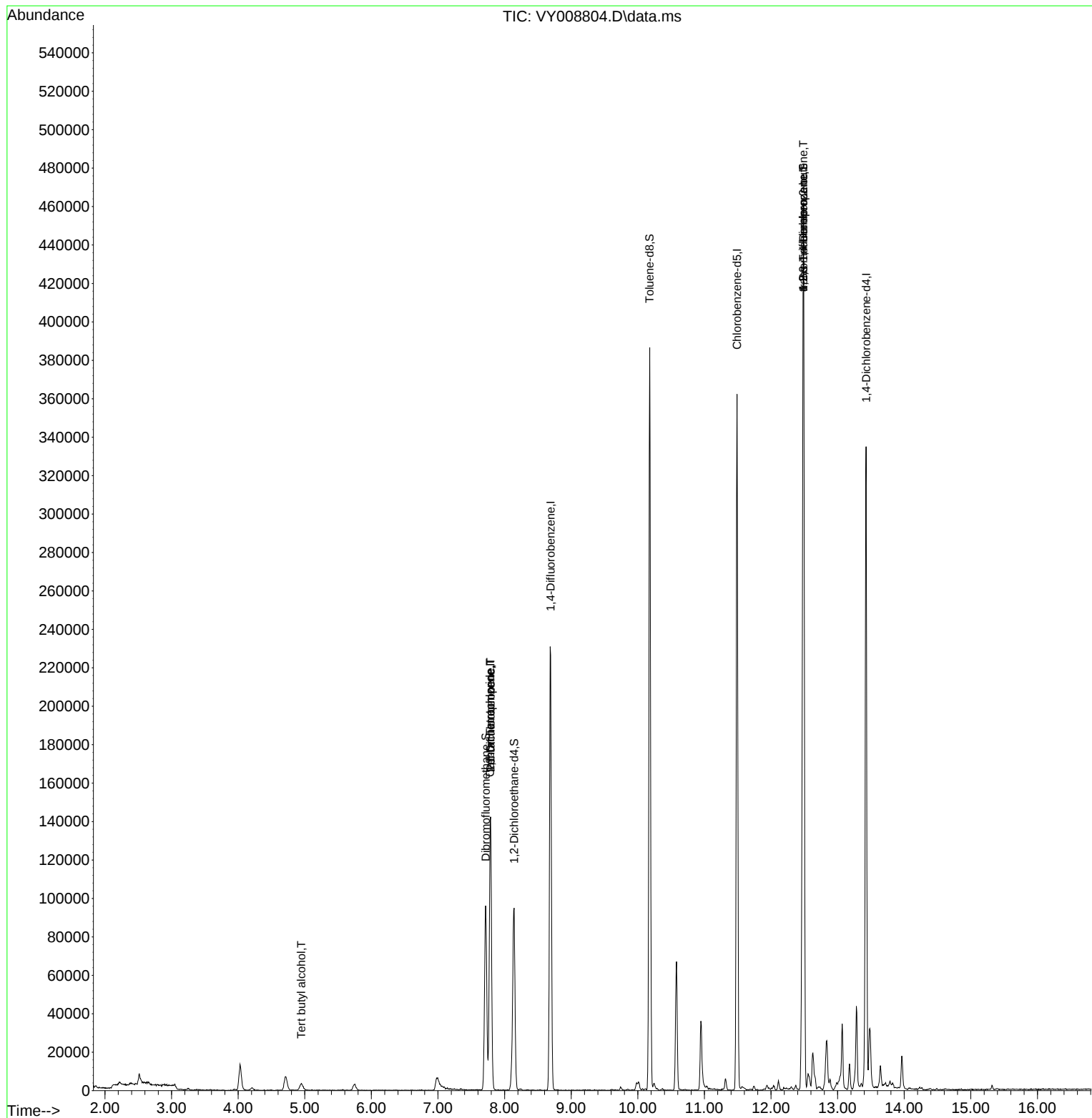
Internal Standards						
1) Pentafluorobenzene	7.789	168	110938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	184651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69253	67.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.580%	
35) Dibromofluoromethane	7.716	113	65719	57.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.440%	
50) Toluene-d8	10.179	98	243577	47.861	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.720%	
62) 4-Bromofluorobenzene	12.483	95	75896	42.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	173	Below Cal	#	44
4) Vinyl Chloride	2.241	62	27	Below Cal	#	43
5) Bromomethane	2.650	94	245	Below Cal	#	63
6) Chloroethane	2.717	64	67	Below Cal	#	43
7) Trichlorofluoromethane	3.131	101	21	Below Cal	#	21
11) Tert butyl alcohol	4.948	59	6525	57.365	ug/l	96
16) Acetone	3.954	43	940	Below Cal		93
17) Carbon Disulfide	4.180	76	20	Below Cal	#	75
18) Methyl Acetate	4.479	43	21	Below Cal	#	56
20) Methylene Chloride	4.704	84	5459	Below Cal	#	69
31) Cyclohexane	7.789	56	2681	Below Cal	#	17
36) 1,1-Dichloropropene	7.789	75	9756	5.304	ug/l #	51
38) Carbon Tetrachloride	7.783	117	10546	5.350	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45823	49.237	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45823	107.695	ug/l #	8

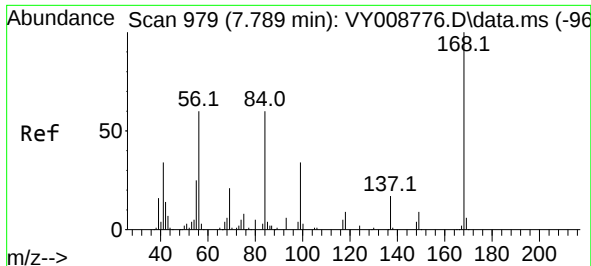
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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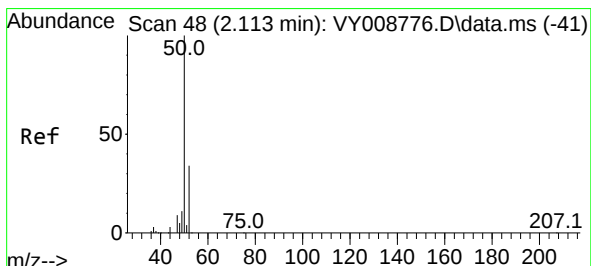
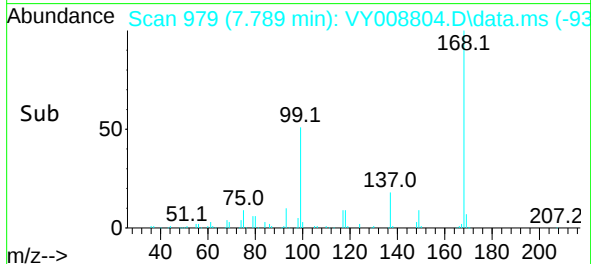
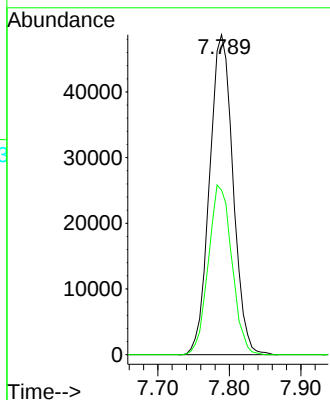
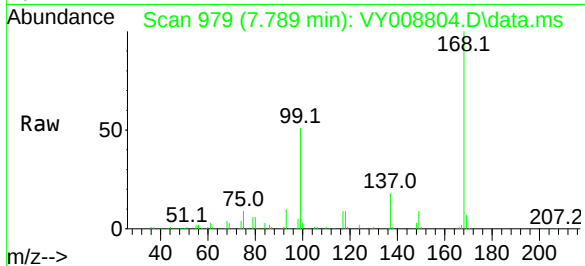




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

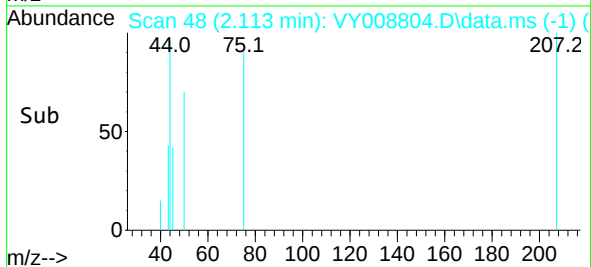
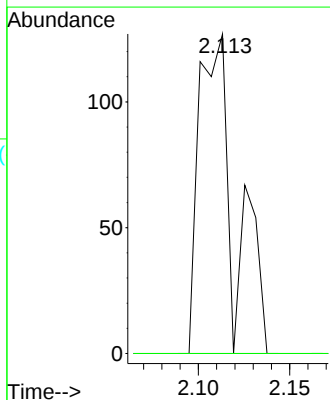
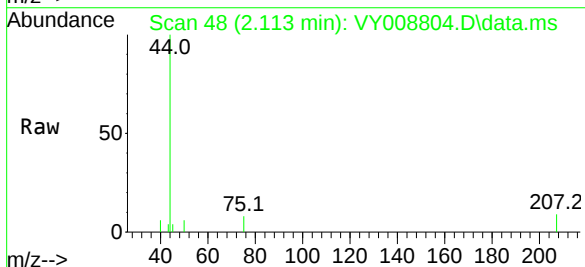
Instrument :
MSVOA_Y
ClientSampleId :

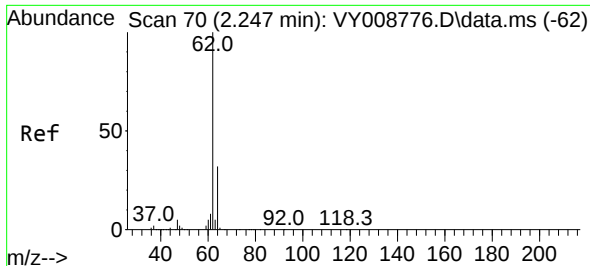
Tgt Ion:168 Resp: 110938
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

Tgt Ion: 50 Resp: 173
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

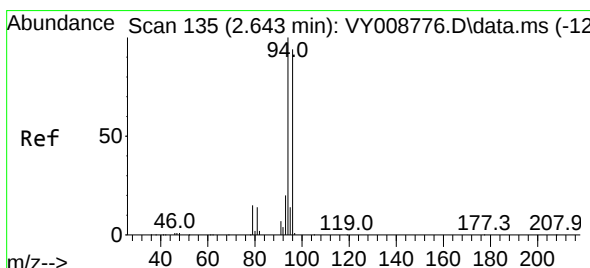
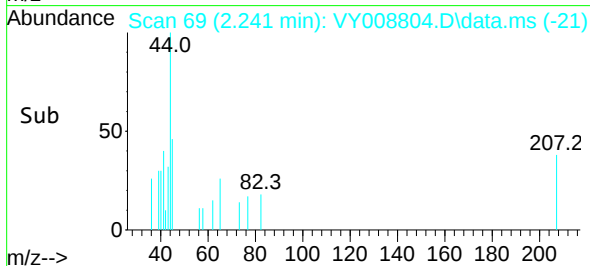
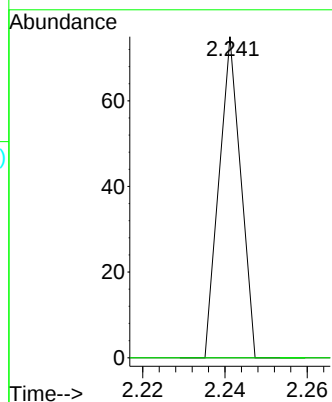
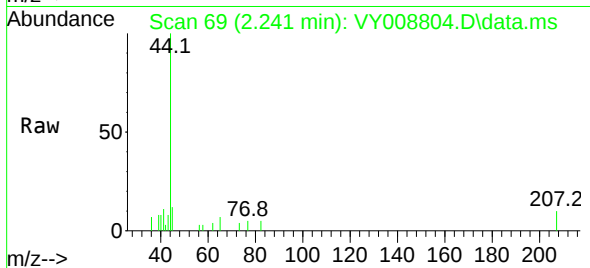




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.241 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

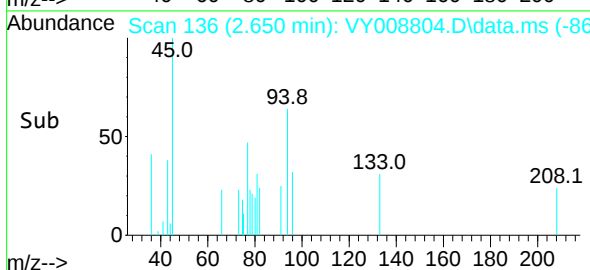
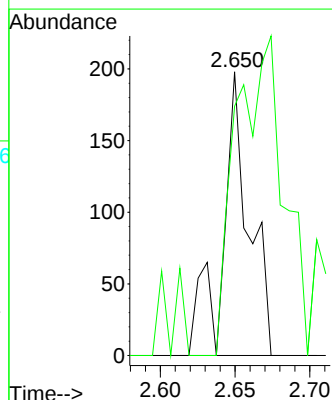
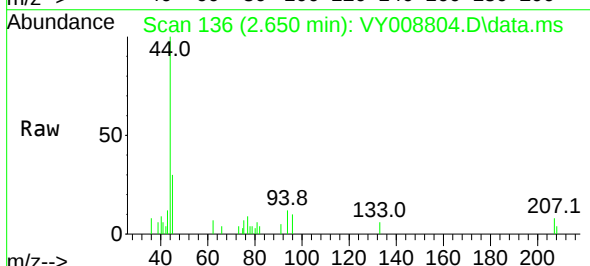
Instrument :
 MSVOA_Y
 ClientSampleId :

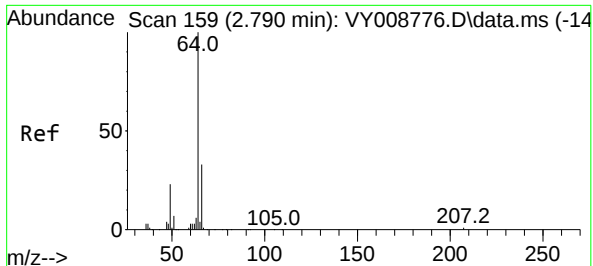
Tgt Ion: 62 Resp: 27
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.650 min Scan# 136
 Delta R.T. 0.007 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

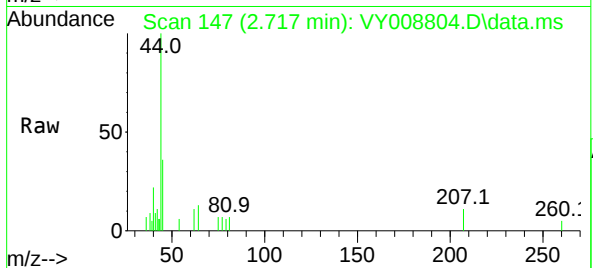
Tgt Ion: 94 Resp: 245
 Ion Ratio Lower Upper
 94 100
 96 57.1 73.5 110.3#



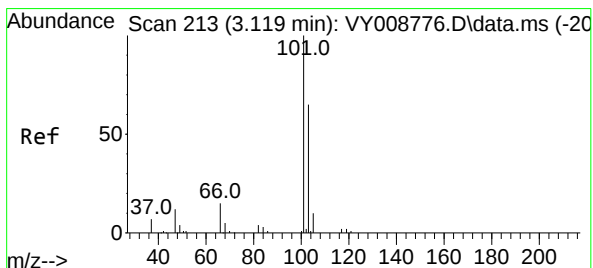
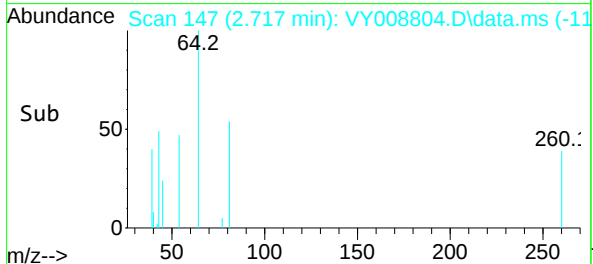
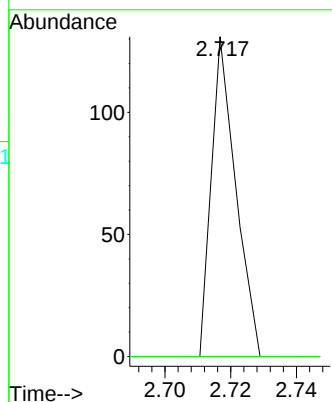


#6
Chloroethane
Concen: Below Cal
RT: 2.717 min Scan# 14
Delta R.T. -0.073 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

Instrument :
MSVOA_Y
ClientSampleId :

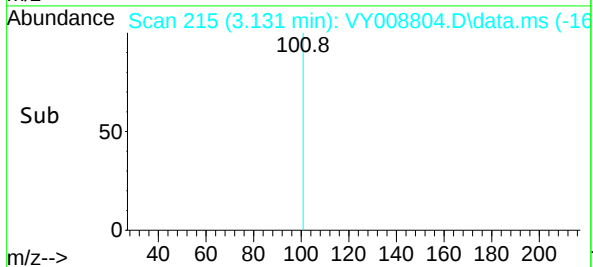
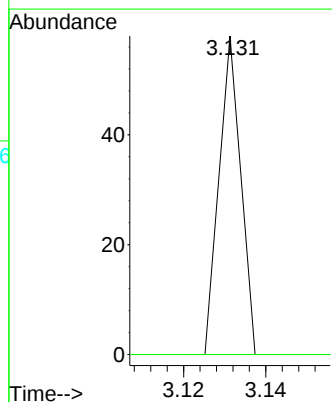
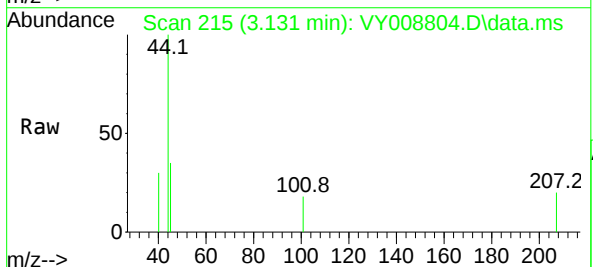


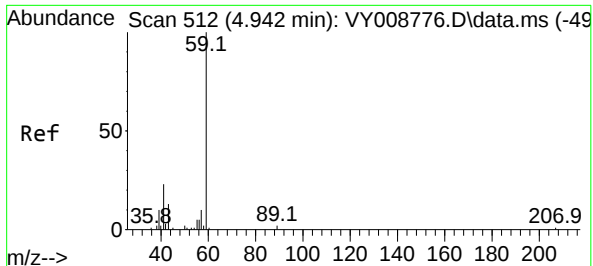
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.131 min Scan# 215
Delta R.T. 0.012 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

Tgt Ion:101 Resp: 21
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#





#11

Tert butyl alcohol

Concen: 57.365 ug/l

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

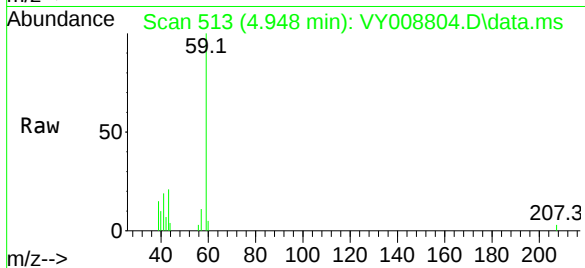
Lab File: VY008804.D

Acq: 18 May 2022 04:27

Instrument :

MSVOA_Y

ClientSampleId :

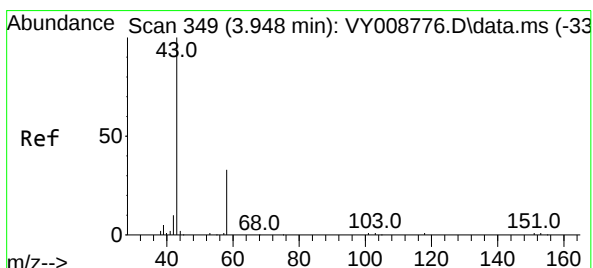
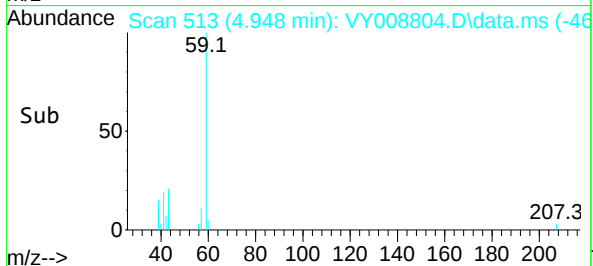
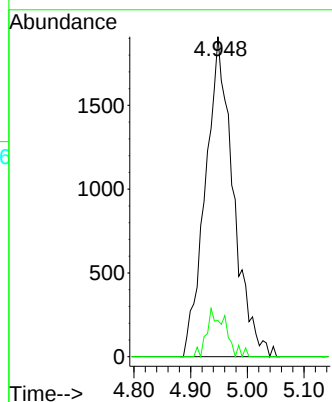


Tgt Ion: 59 Resp: 6525

Ion Ratio Lower Upper

59 100

57 9.3 6.4 9.6



#16

Acetone

Concen: Below Cal

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008804.D

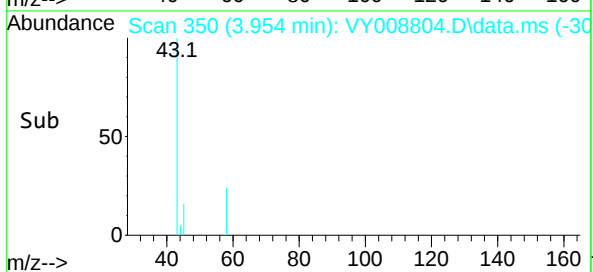
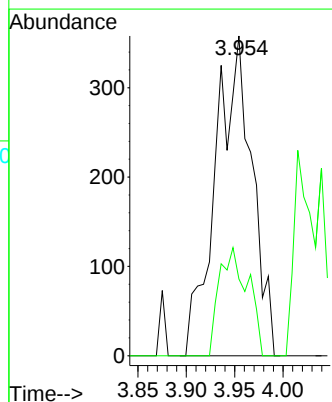
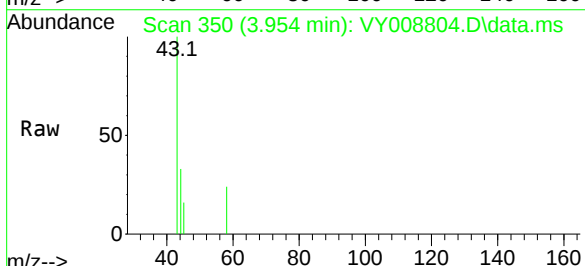
Acq: 18 May 2022 04:27

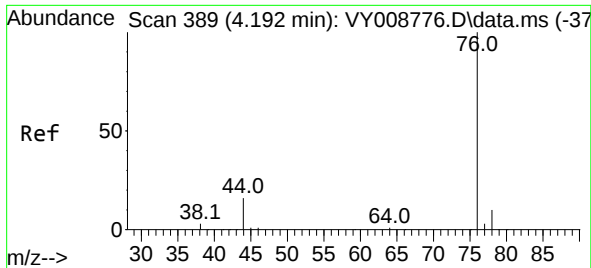
Tgt Ion: 43 Resp: 940

Ion Ratio Lower Upper

43 100

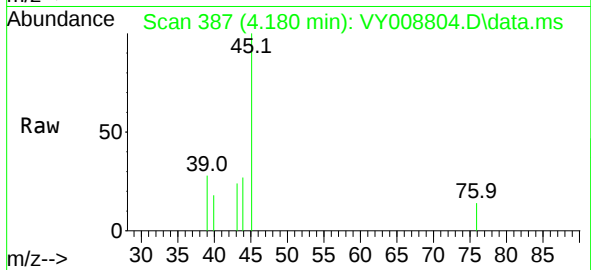
58 24.0 22.0 33.0



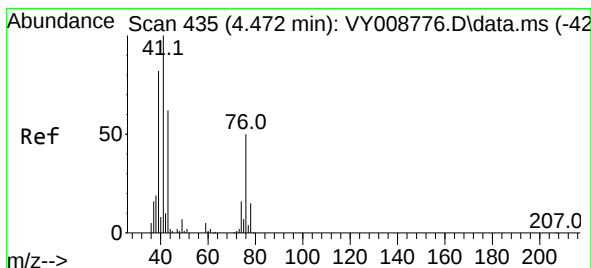
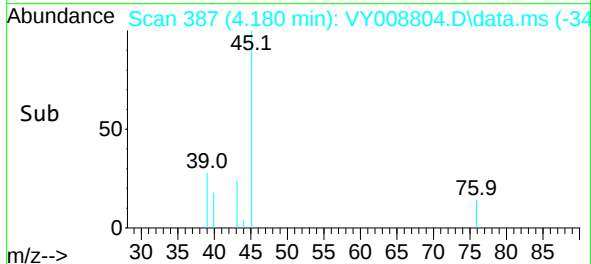
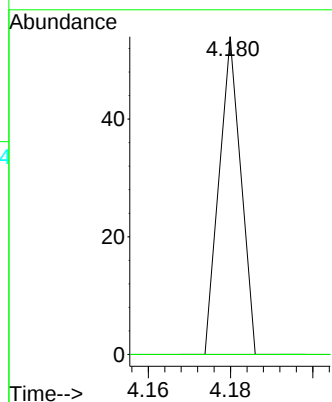


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

Instrument :
MSVOA_Y
ClientSampleId :

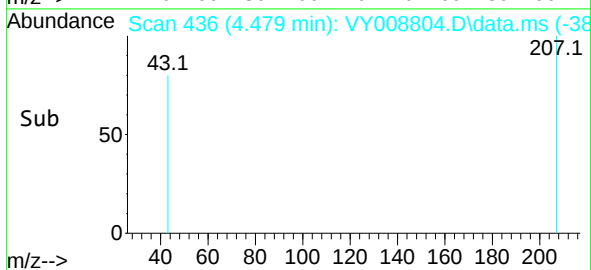
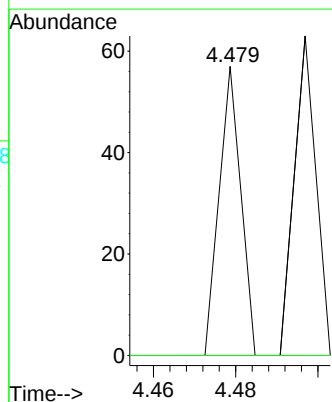
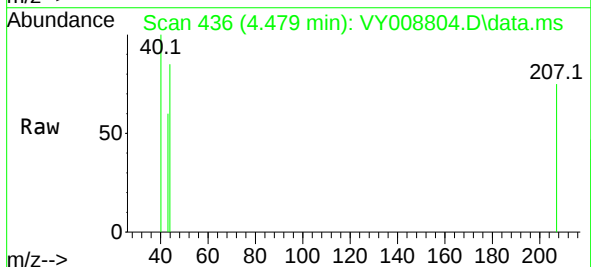


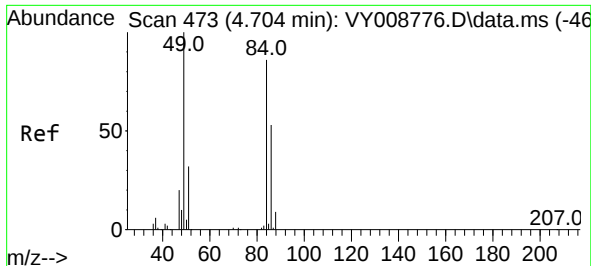
Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

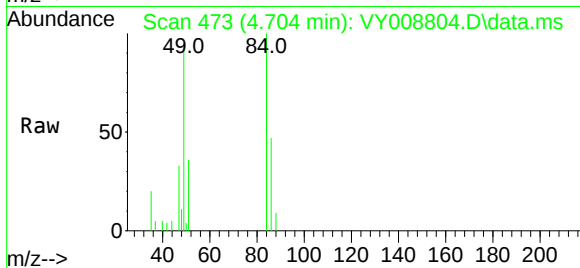
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



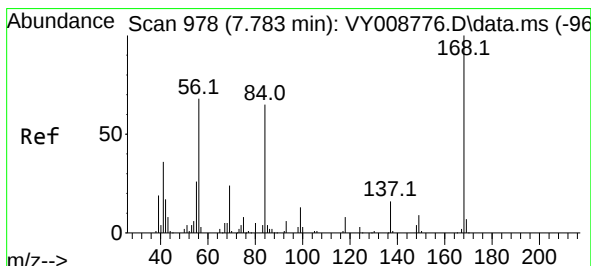
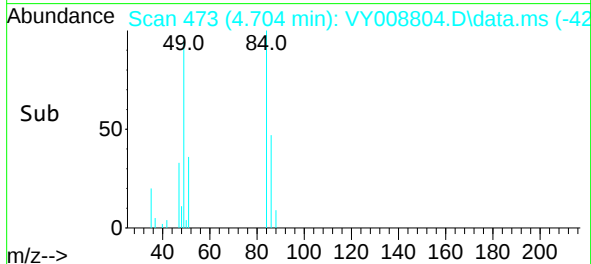
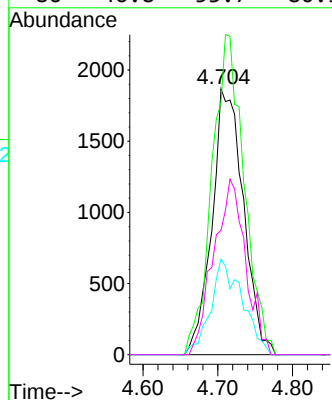


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

Instrument :
MSVOA_Y
ClientSampleId :

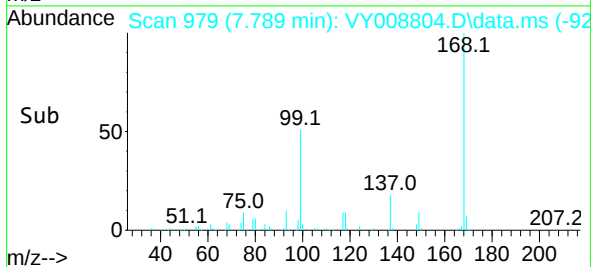
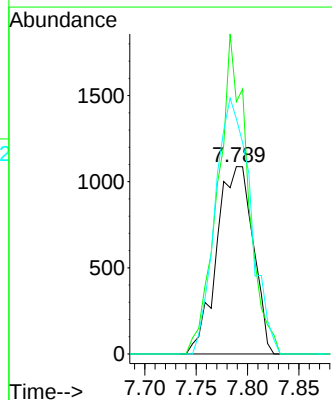
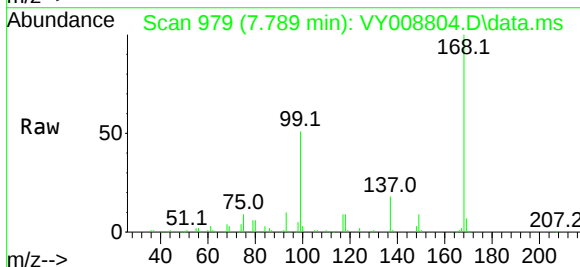


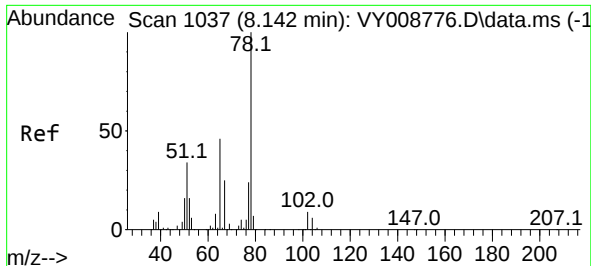
Tgt Ion: 84 Resp: 5459
Ion Ratio Lower Upper
84 100
49 94.8 114.4 171.6#
51 35.9 35.3 52.9
86 46.8 53.7 80.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

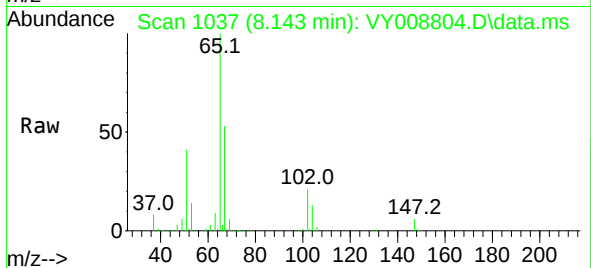
Tgt Ion: 56 Resp: 2681
Ion Ratio Lower Upper
56 100
69 134.6 26.7 40.1#
84 125.6 67.2 100.8#





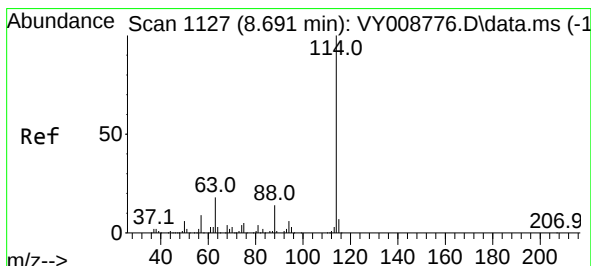
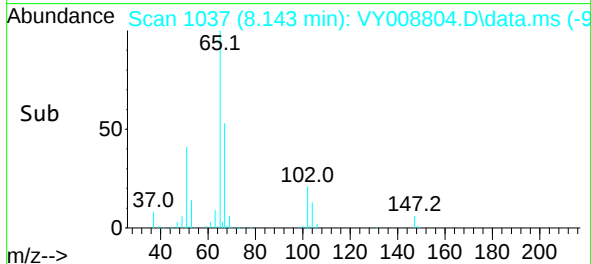
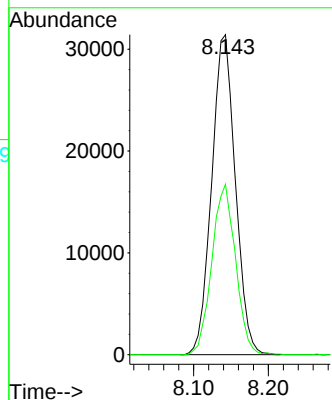
#33
 1,2-Dichloroethane-d4
 Concen: 67.290 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 65 Resp: 69253

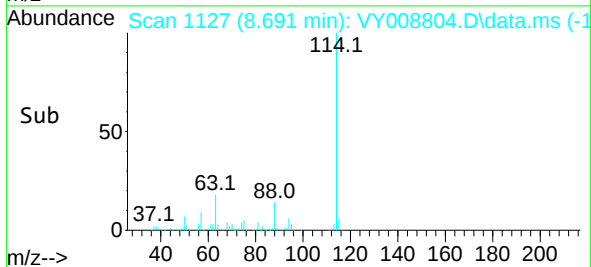
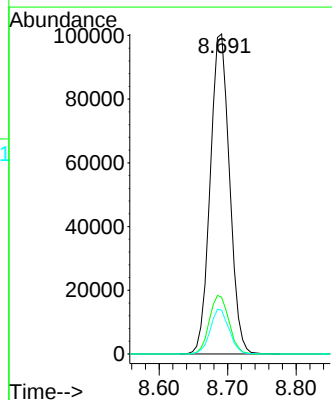
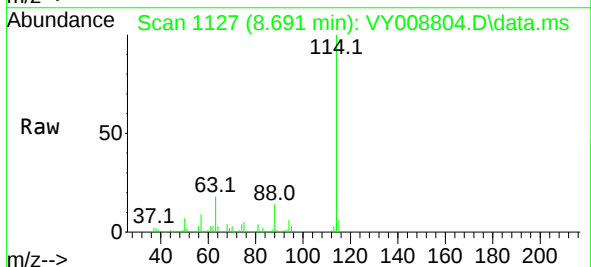
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	99.4

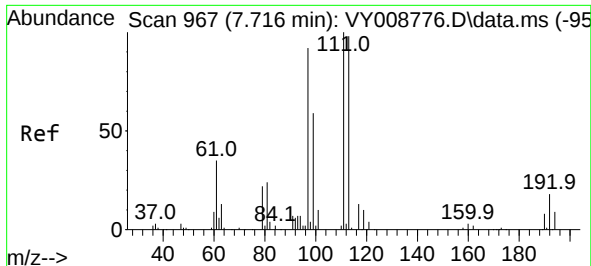


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

Tgt Ion: 114 Resp: 196556

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	43.2
88	13.7	0.0	31.8





#35

Dibromofluoromethane

Concen: 57.225 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

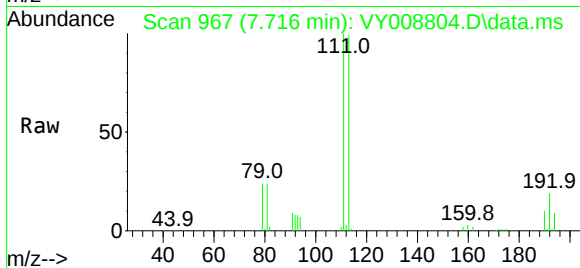
Lab File: VY008804.D

Acq: 18 May 2022 04:27

Instrument :

MSVOA_Y

ClientSampleId :



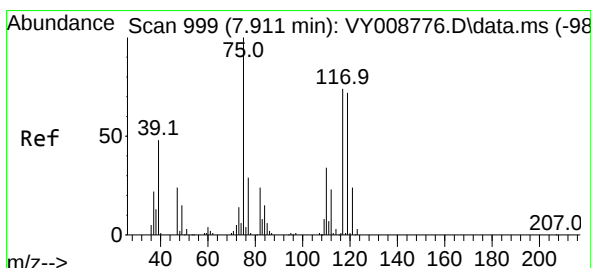
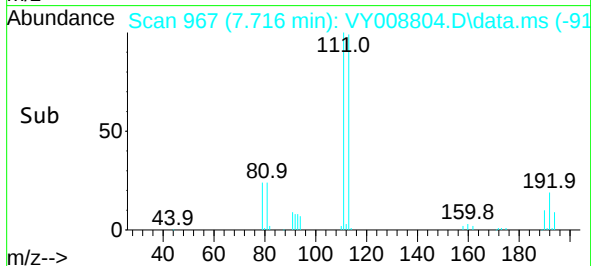
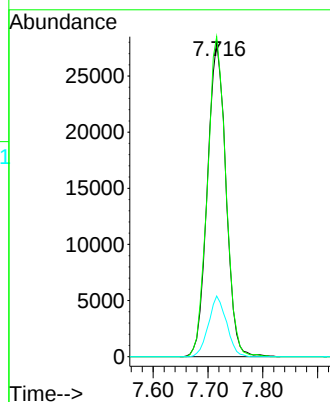
Tgt Ion:113 Resp: 65719

Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 18.8 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.304 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.122 min

Lab File: VY008804.D

Acq: 18 May 2022 04:27

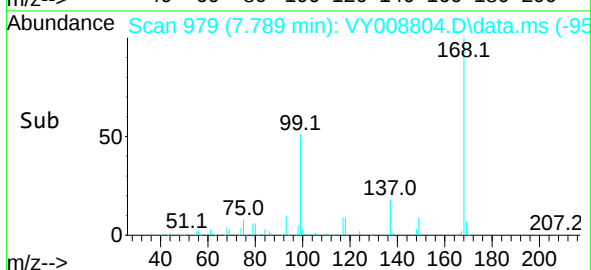
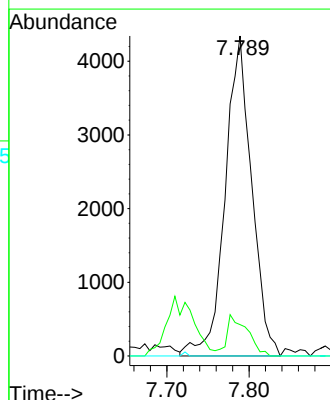
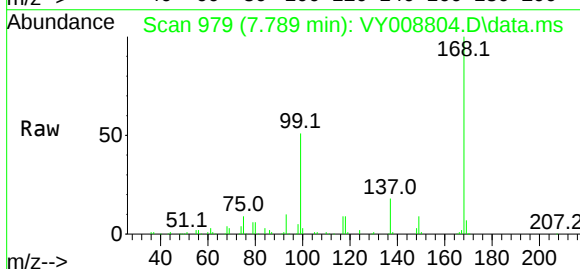
Tgt Ion: 75 Resp: 9756

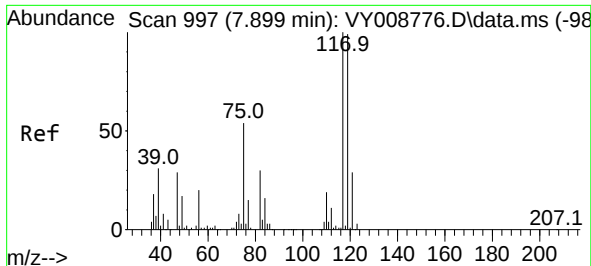
Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

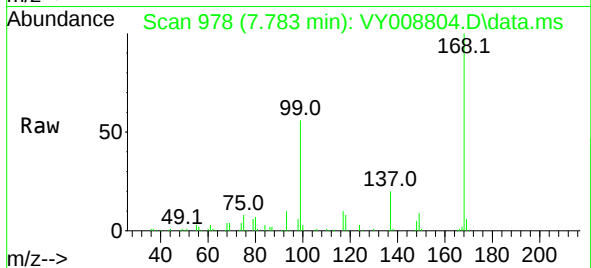
77 0.0 24.4 36.6#



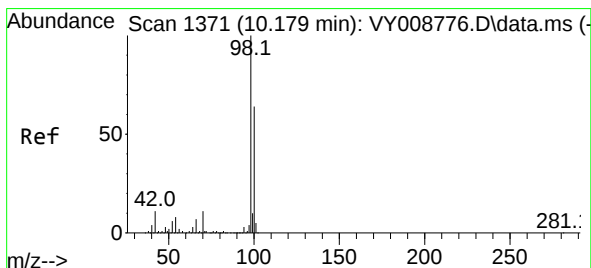
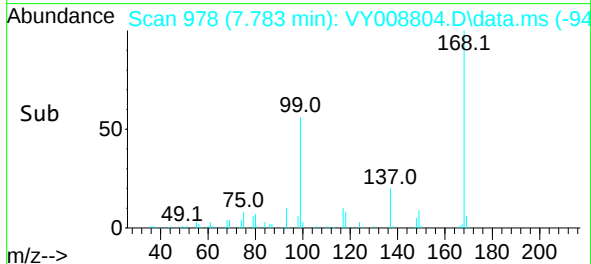
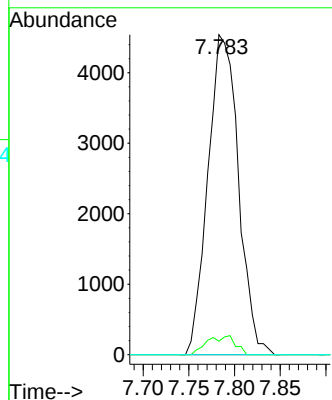


#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

Instrument :
MSVOA_Y
ClientSampleId :

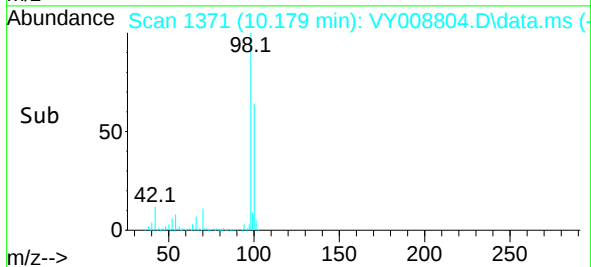
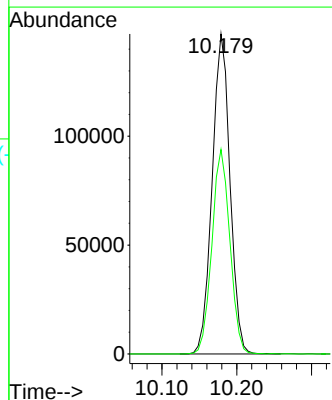
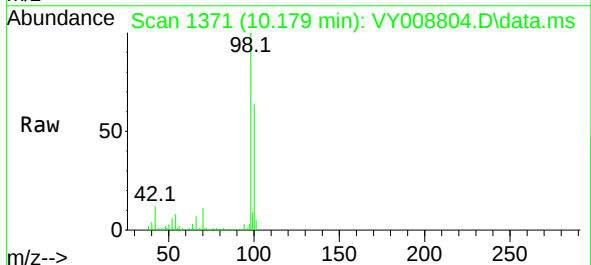


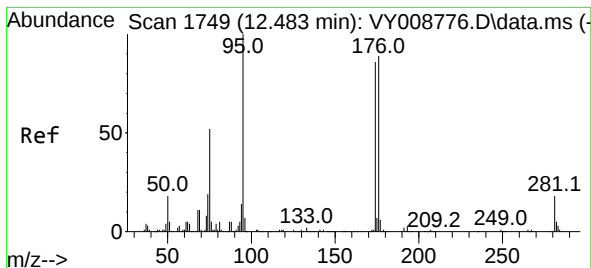
Tgt Ion: 117 Resp: 10546
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.861 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

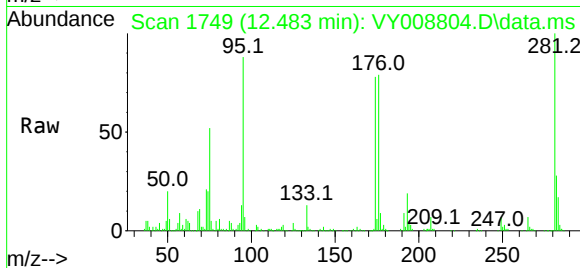
Tgt Ion: 98 Resp: 243577
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



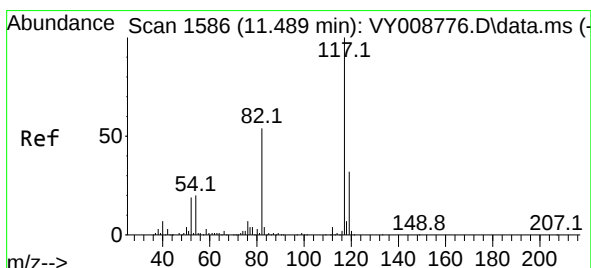
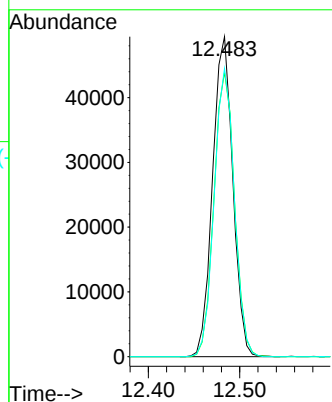
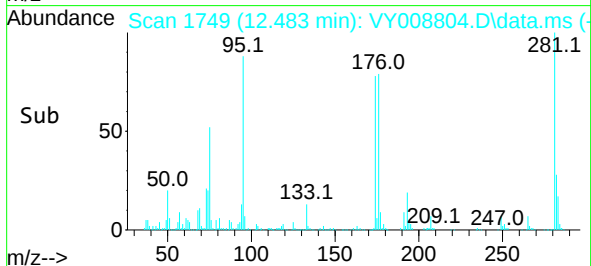


#62
4-Bromofluorobenzene
Concen: 42.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27

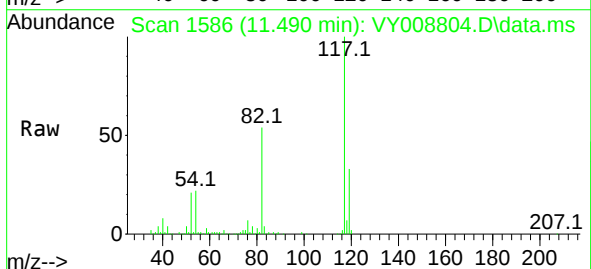
Instrument :
MSVOA_Y
ClientSampleId :



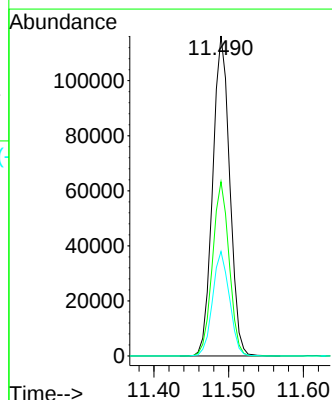
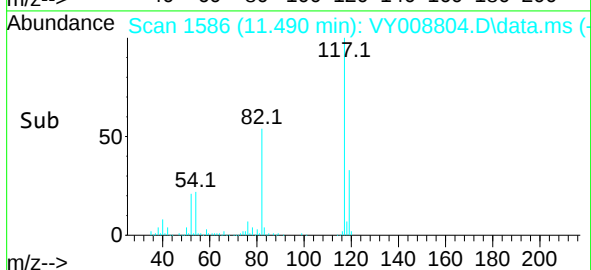
Tgt Ion: 95 Resp: 75896
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 89.9 0.0 175.8

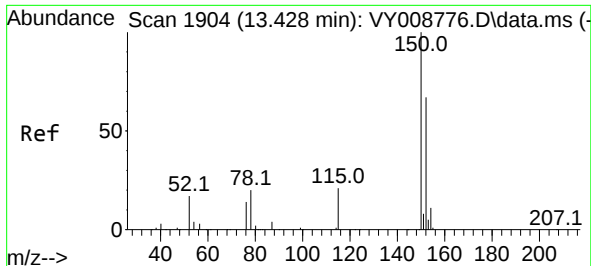


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008804.D
Acq: 18 May 2022 04:27



Tgt Ion: 117 Resp: 184651
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.6 25.4 38.0

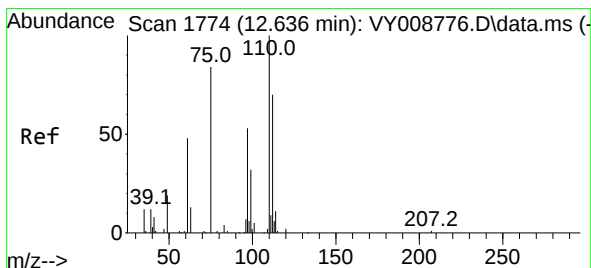
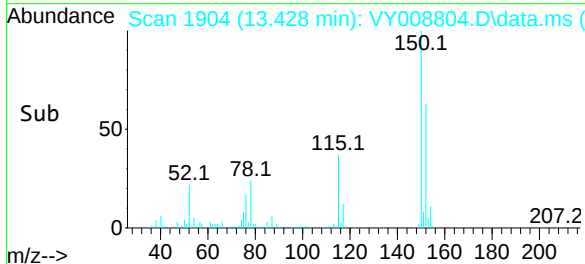
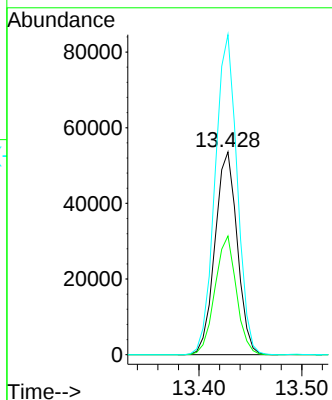
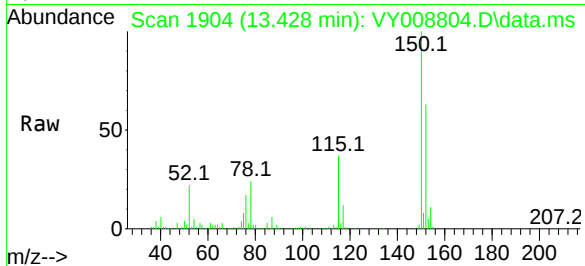




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

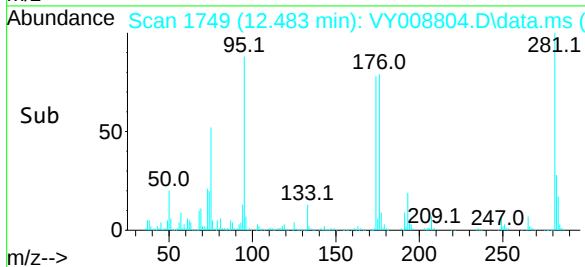
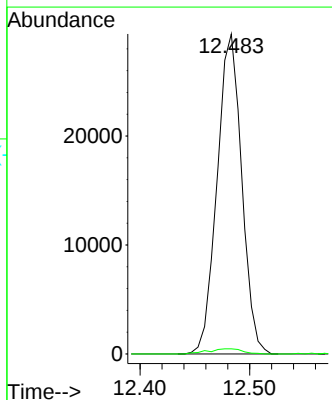
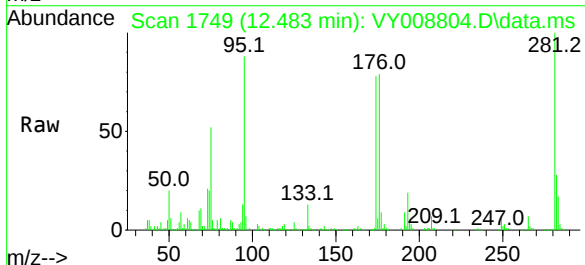
Instrument :
 MSVOA_Y
 ClientSampleId :

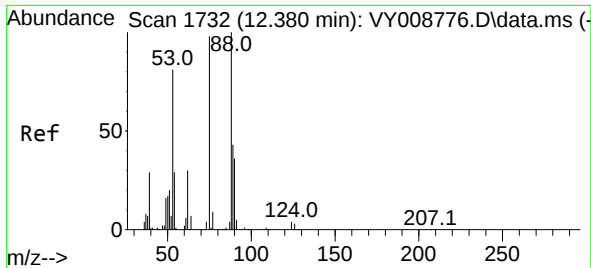
Tgt Ion:152 Resp: 80567
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.237 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

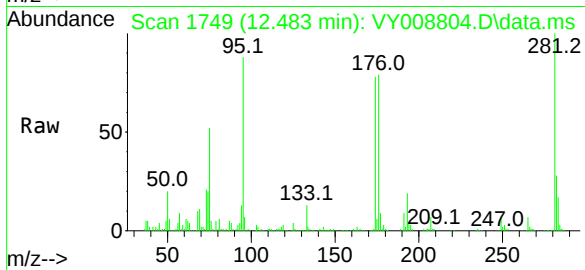
Tgt Ion: 75 Resp: 45823
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.695 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008804.D
 Acq: 18 May 2022 04:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45823
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.8 37.0 55.4#

