

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008877.D
 Acq On : 19 May 2022 18:55
 Operator : KP/MD
 Sample : N2869-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-1824-01

Quant Time: May 20 02:53:49 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)

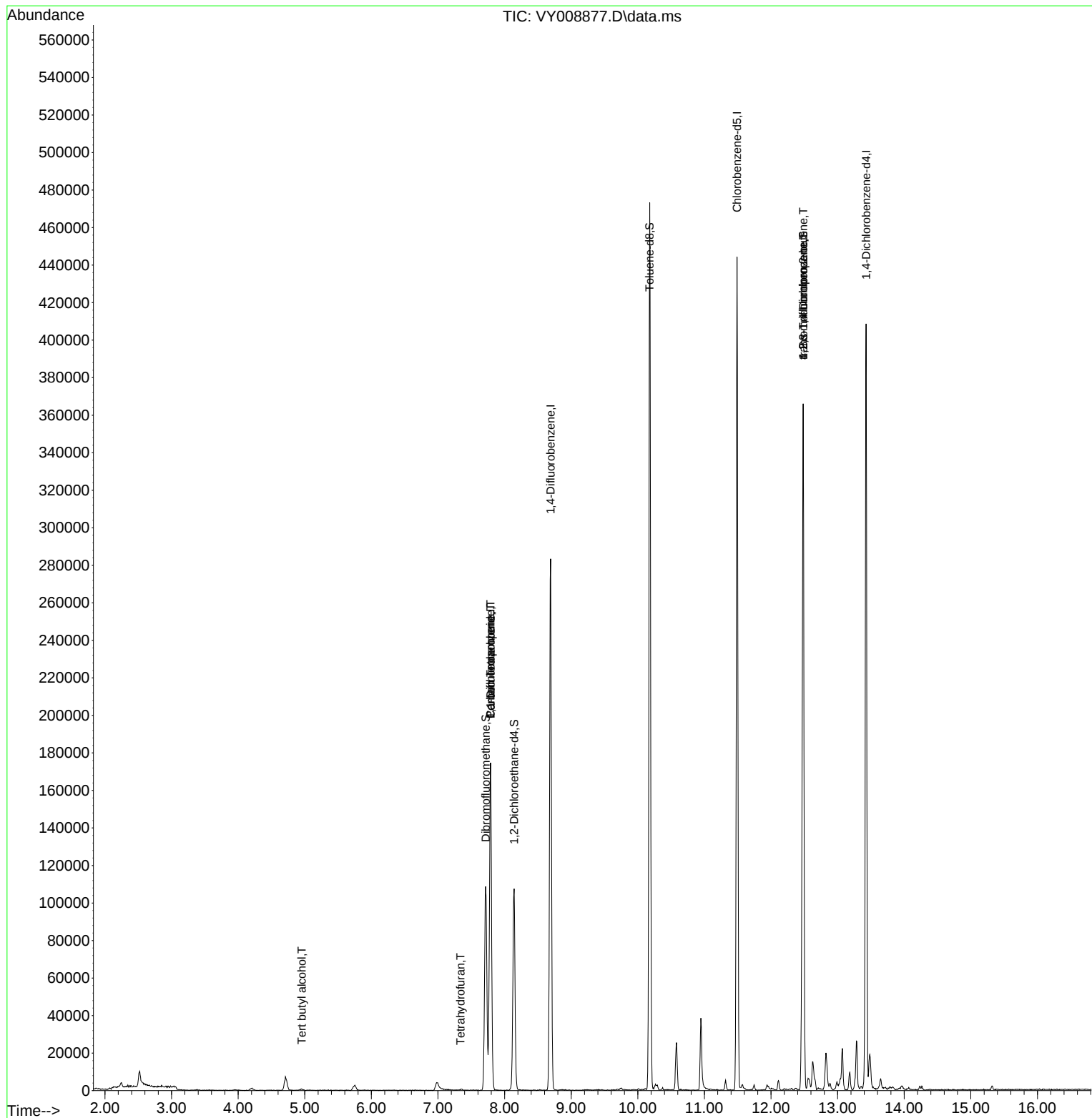
Internal Standards						
1) Pentafluorobenzene	7.789	168	130750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	79491	65.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.060%	
35) Dibromofluoromethane	7.716	113	75721	54.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.920%	
50) Toluene-d8	10.179	98	298861	48.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.483	95	91075	42.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	185	Below Cal	#	44
4) Vinyl Chloride	2.241	62	123	Below Cal	#	43
5) Bromomethane	2.668	94	117	Below Cal	#	4
6) Chloroethane	2.790	64	20	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	1022	7.624	ug/l #	77
16) Acetone	3.954	43	566	Below Cal	#	89
18) Methyl Acetate	4.198	43	508	Below Cal	#	56
20) Methylene Chloride	4.710	84	5100	Below Cal	#	80
29) Tetrahydrofuran	7.338	42	432	1.274	ug/l #	66
31) Cyclohexane	7.783	56	3274	Below Cal	#	28
36) 1,1-Dichloropropene	7.789	75	10817	4.902	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13623	5.761	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	52107	46.095	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52107	100.823	ug/l #	7

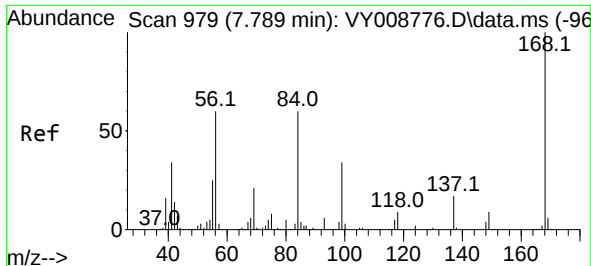
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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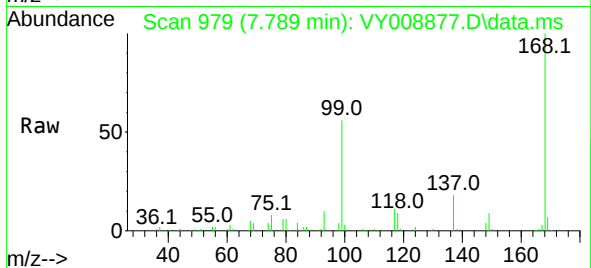
Quant Time: May 20 02:53:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



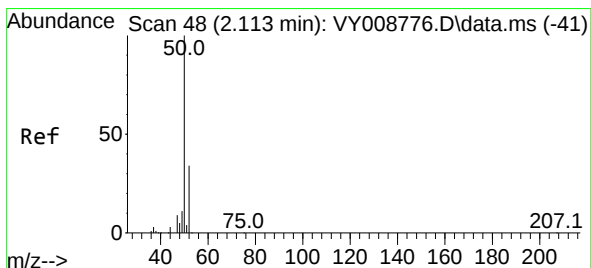
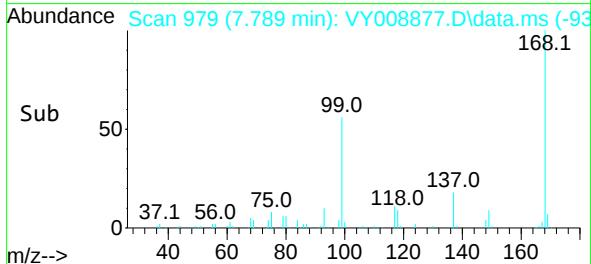
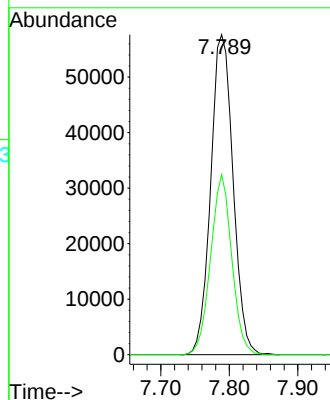


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

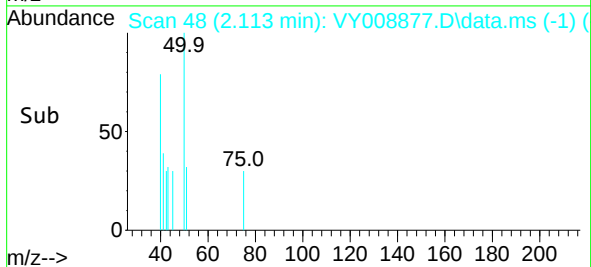
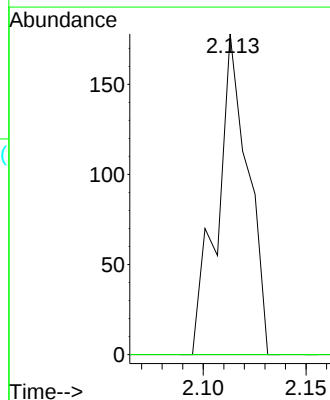
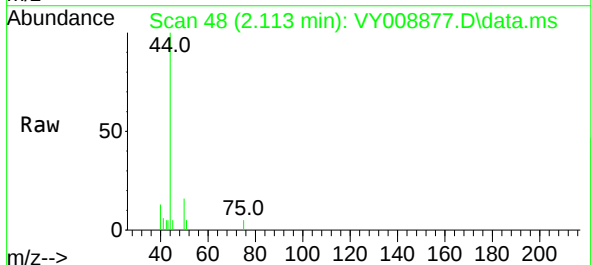


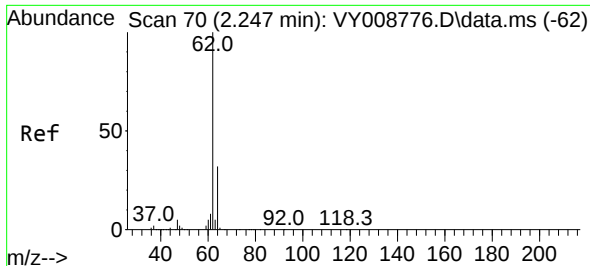
Tgt Ion:168 Resp: 130750
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

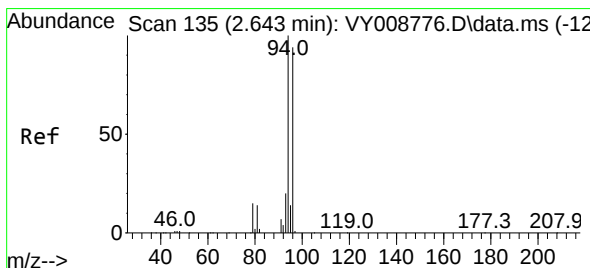
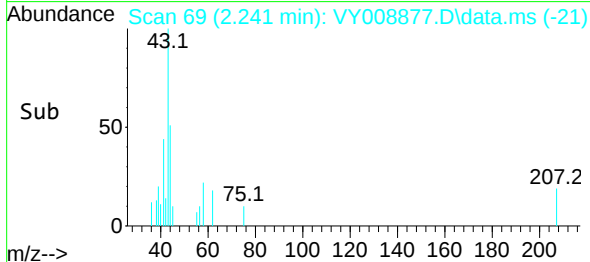
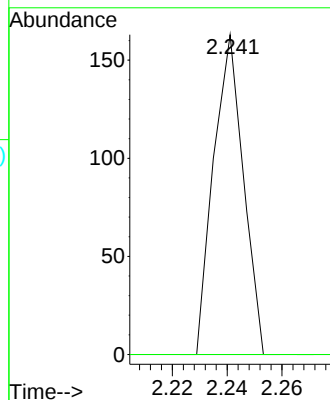
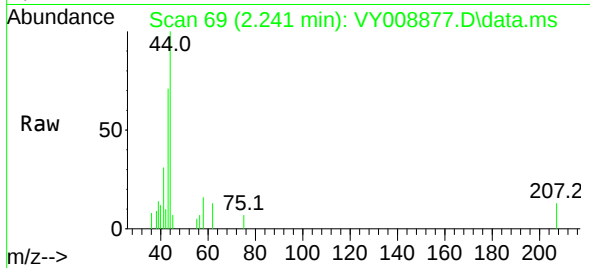




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.241 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY008877.D
 Acq: 19 May 2022 18:55

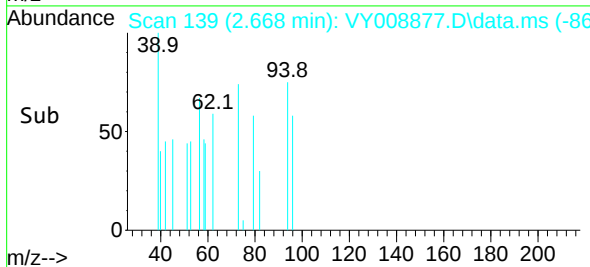
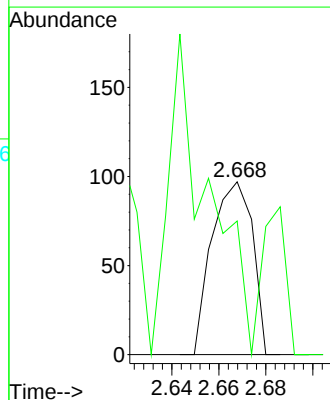
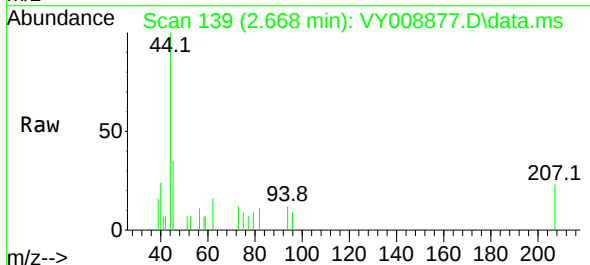
Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-1824-01

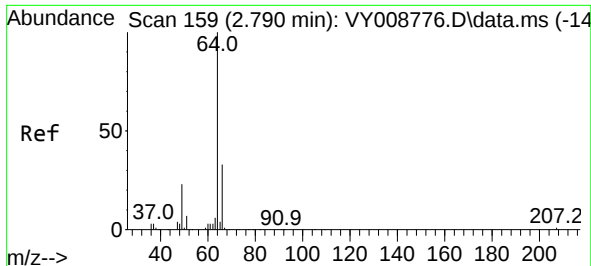
Tgt Ion: 62 Resp: 123
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.668 min Scan# 139
 Delta R.T. 0.025 min
 Lab File: VY008877.D
 Acq: 19 May 2022 18:55

Tgt Ion: 94 Resp: 117
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#

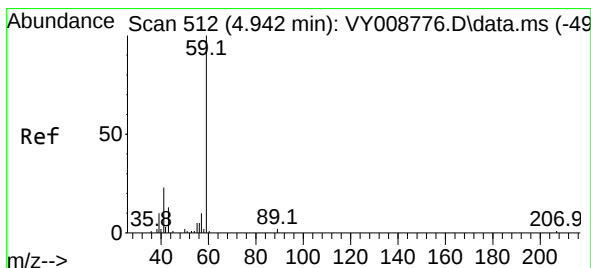
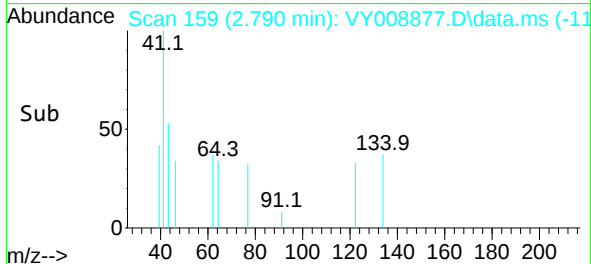
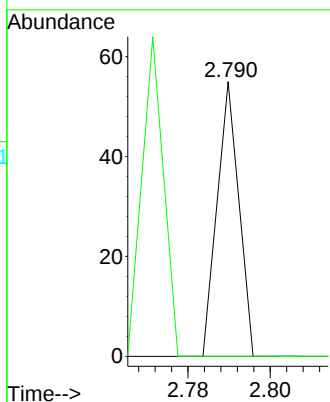
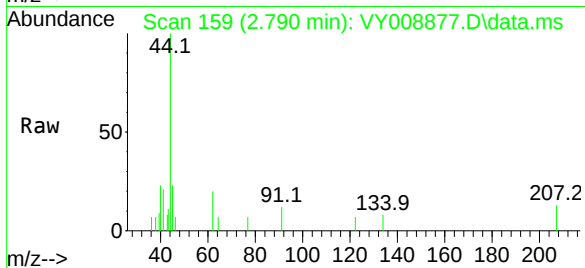




#6
Chloroethane
Concen: Below Cal
RT: 2.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

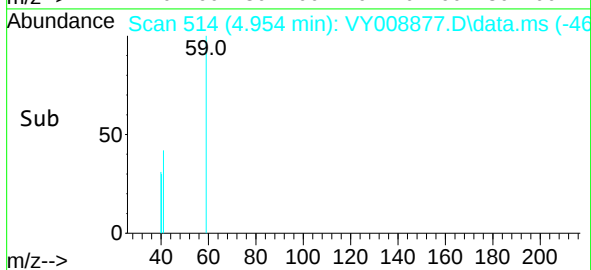
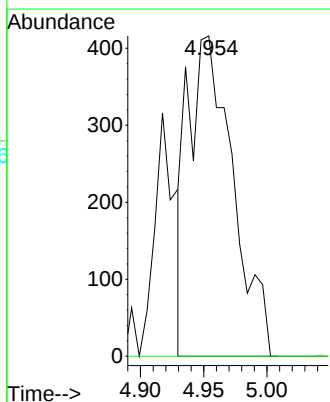
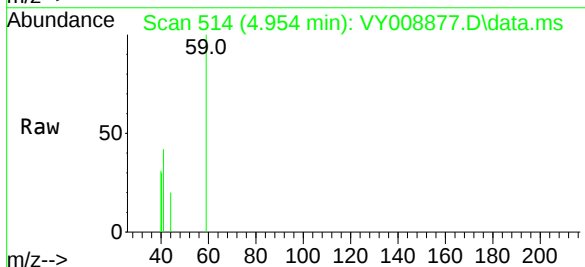
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

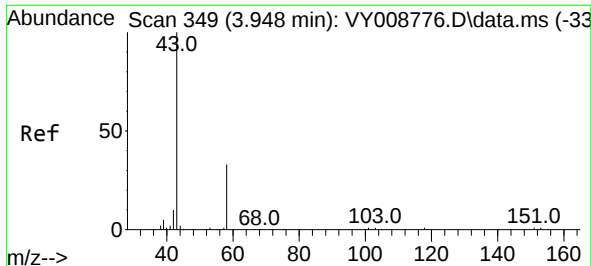
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 7.624 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 59 Resp: 1022
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

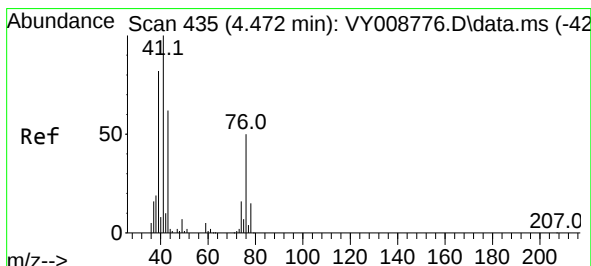
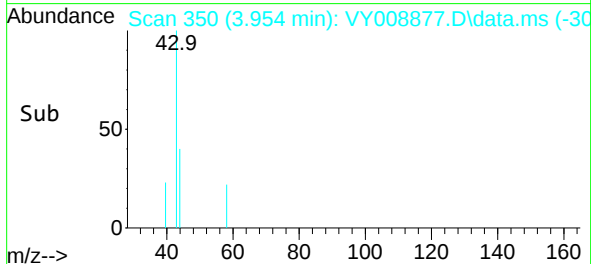
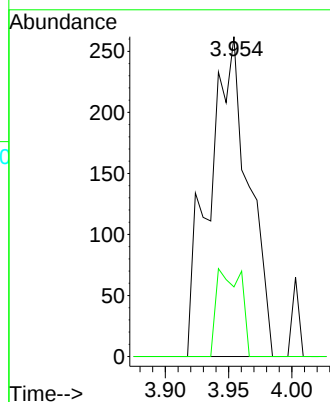
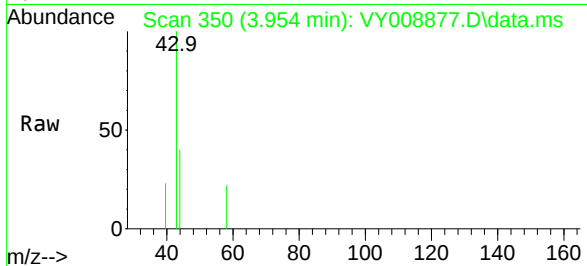




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

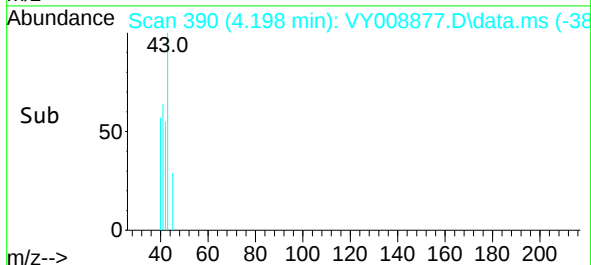
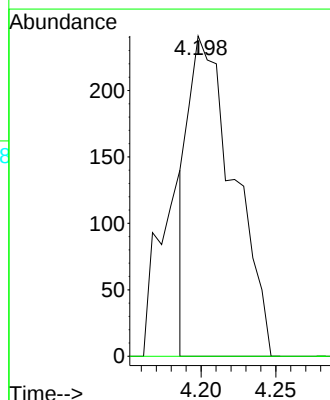
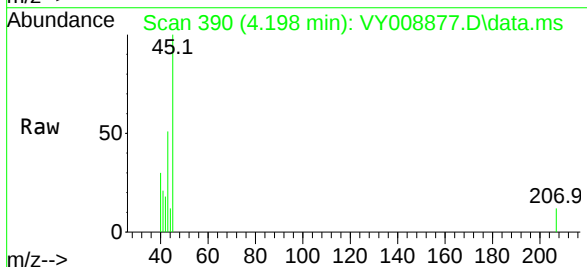
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

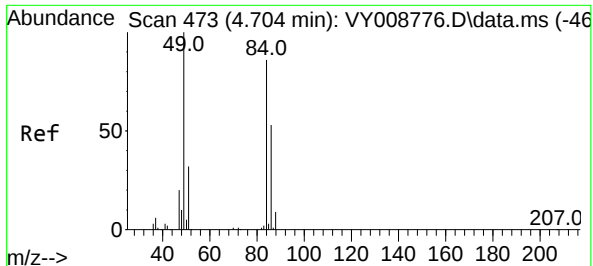
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 21.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. -0.274 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

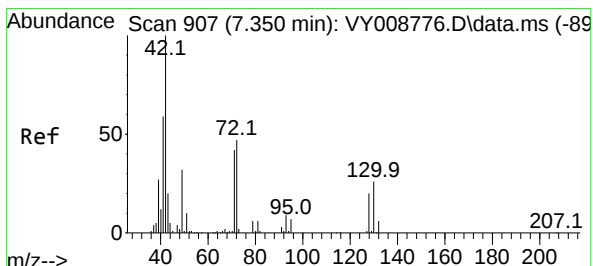
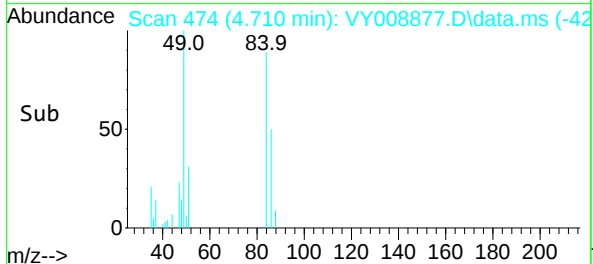
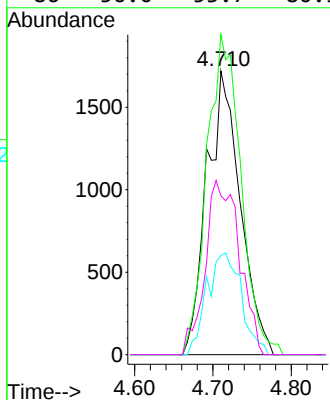
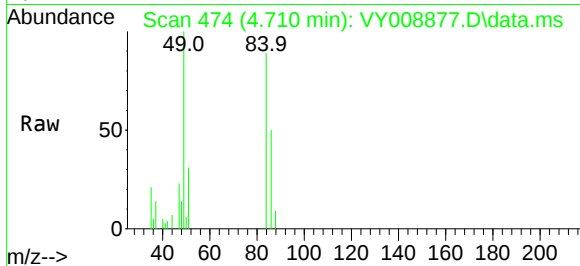




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

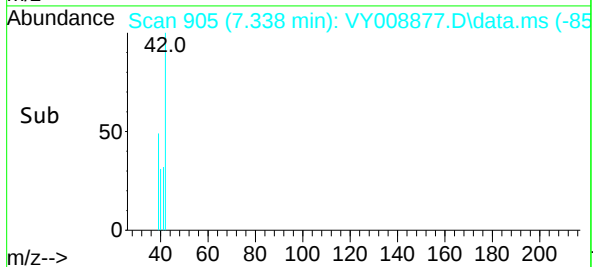
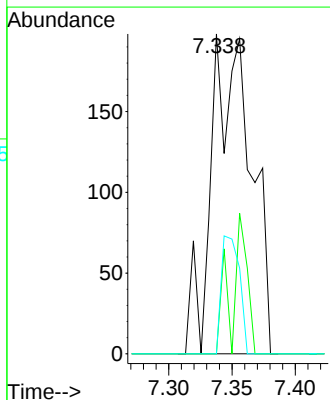
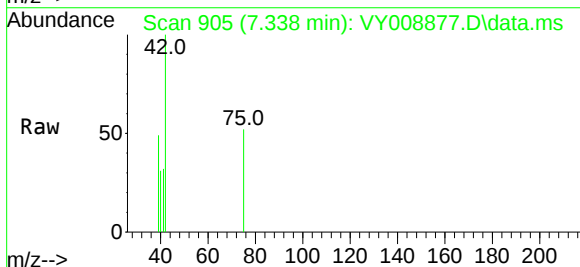
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

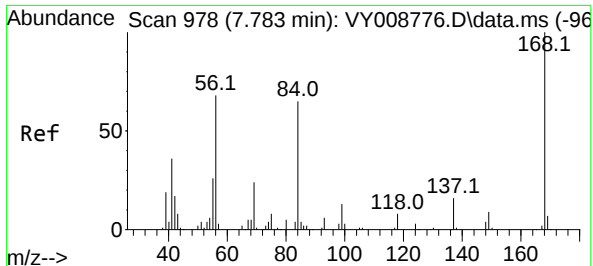
Tgt Ion:	84	Resp:	5100
Ion	Ratio	Lower	Upper
84	100		
49	112.8	114.4	171.6#
51	34.9	35.3	52.9#
86	56.0	53.7	80.5



#29
Tetrahydrofuran
Concen: 1.274 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

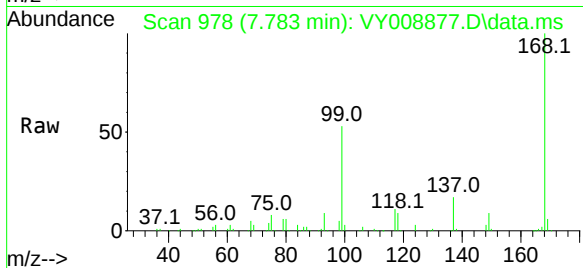
Tgt Ion:	42	Resp:	432
Ion	Ratio	Lower	Upper
42	100		
72	17.4	30.3	45.5#
71	16.7	29.0	43.4#



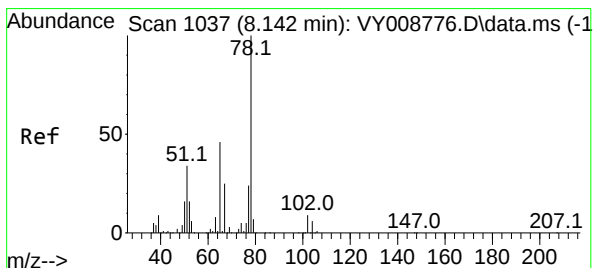
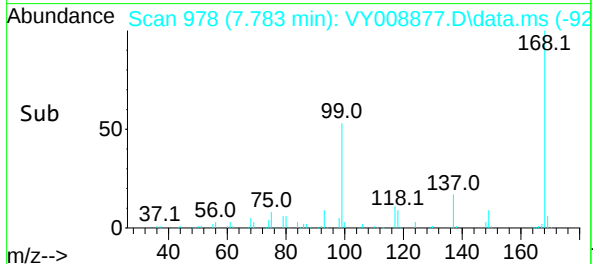
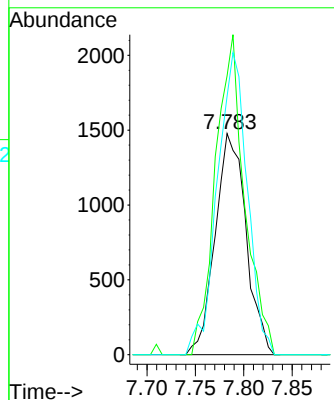


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Instrument :
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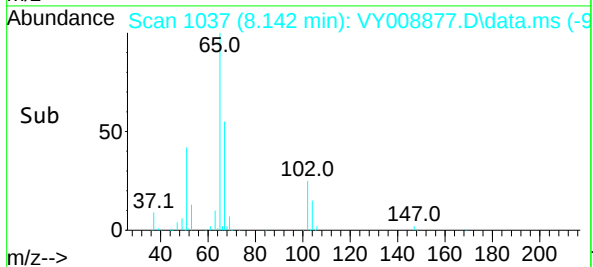
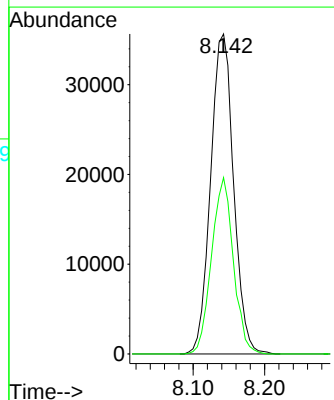
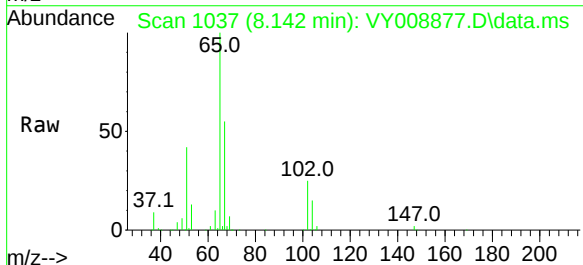


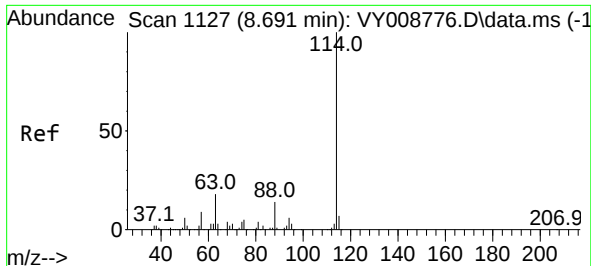
Tgt Ion: 56 Resp: 3274
Ion Ratio Lower Upper
56 100
69 126.1 26.7 40.1#
84 116.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.534 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 65 Resp: 79491
Ion Ratio Lower Upper
65 100
67 52.3 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: VY008877.D

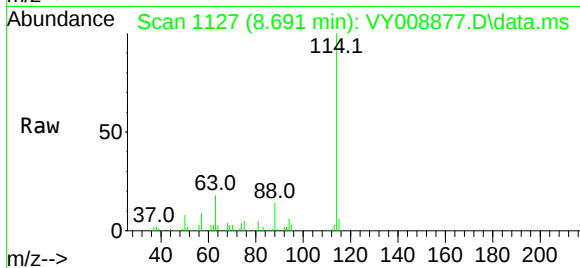
Acq: 19 May 2022 18:55

Instrument :

MSVOA_Y

ClientSampleId :

P027-SS001-1824-01



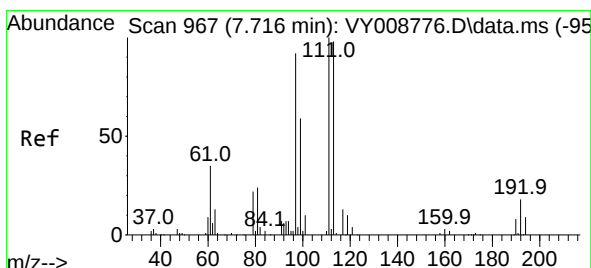
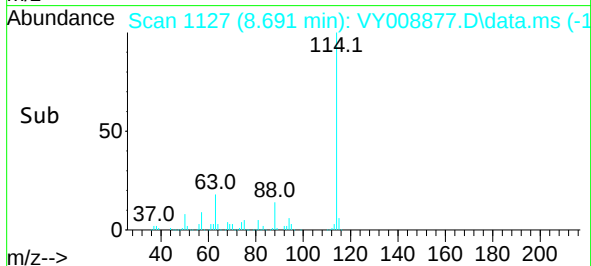
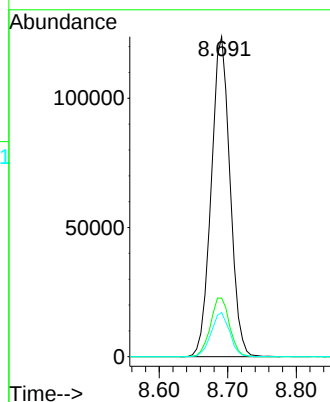
Tgt Ion:114 Resp: 235786

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.964 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008877.D

Acq: 19 May 2022 18:55

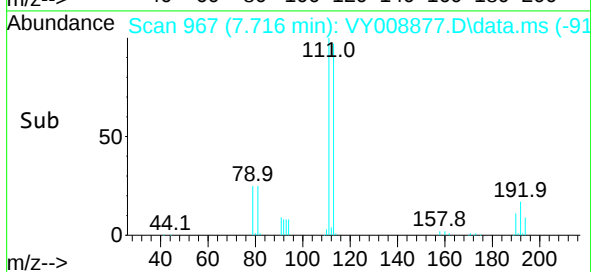
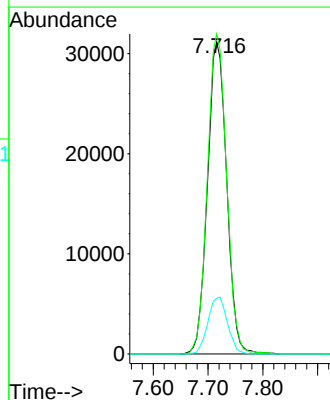
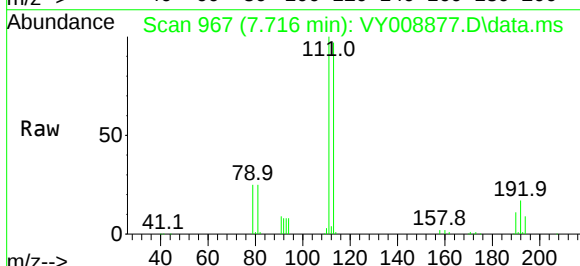
Tgt Ion:113 Resp: 75721

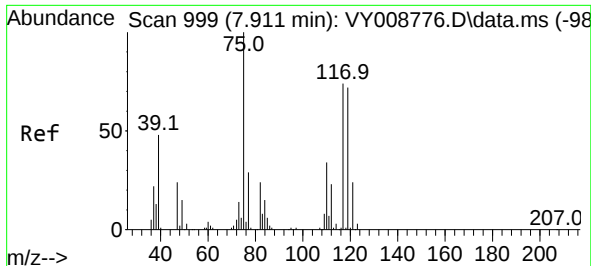
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.5 17.6 26.4

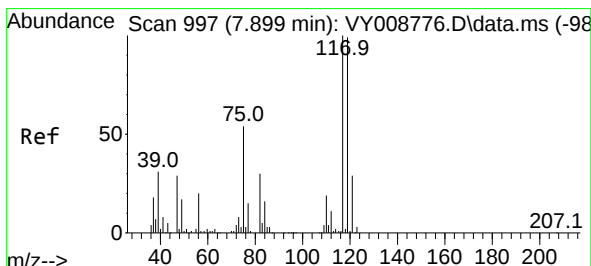
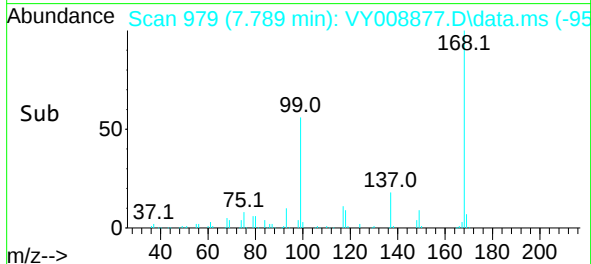
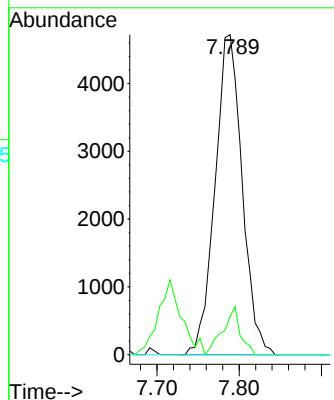
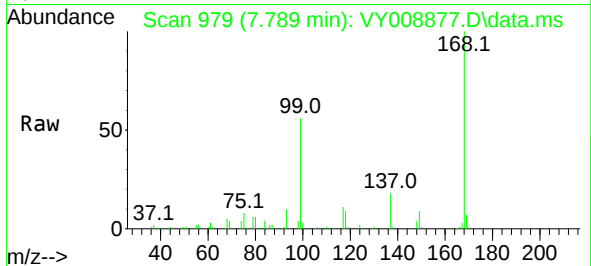




#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

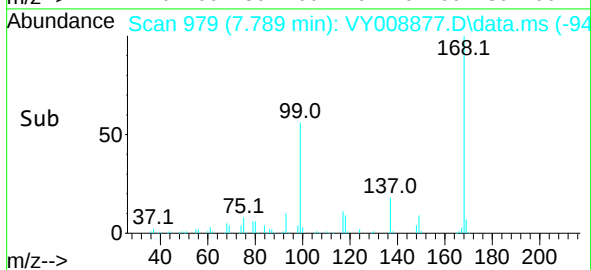
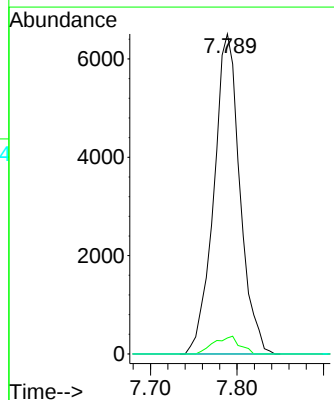
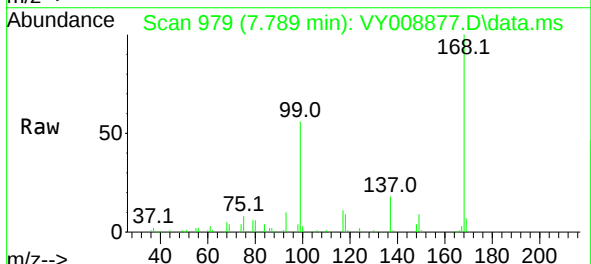
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

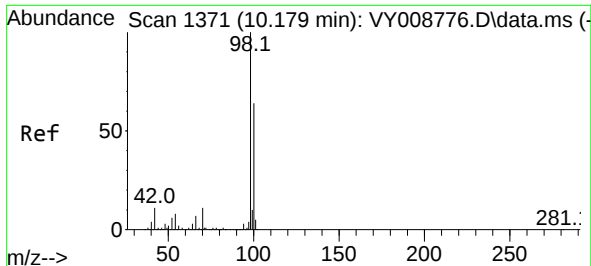
Tgt Ion: 75 Resp: 10817
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 117 Resp: 13623
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

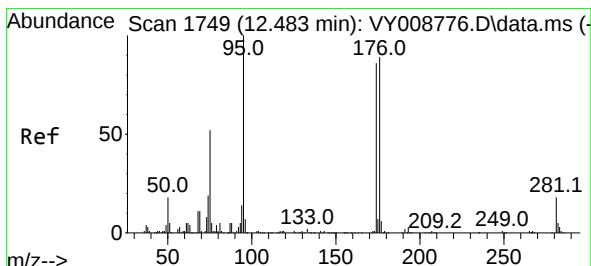
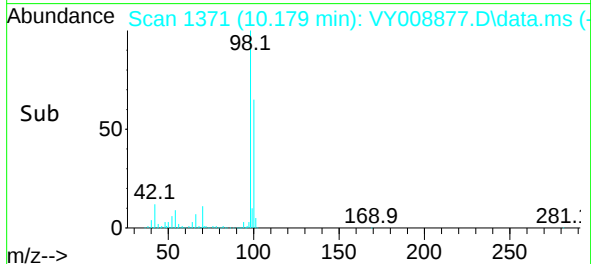
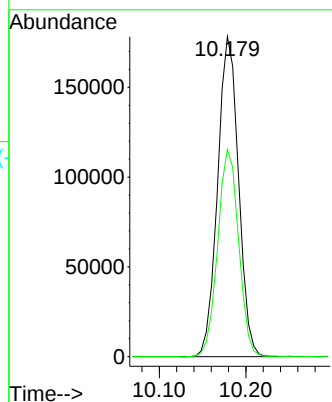
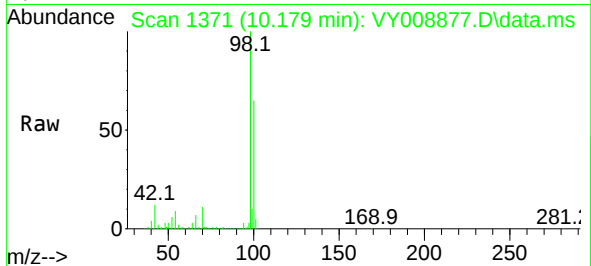




#50
Toluene-d8
Concen: 48.881 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

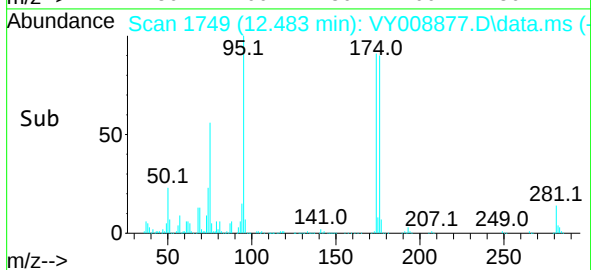
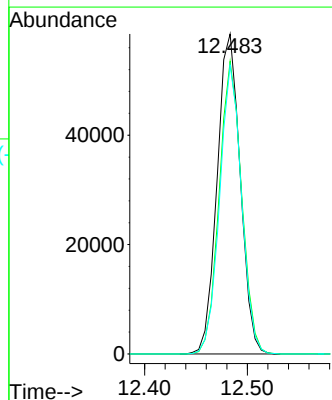
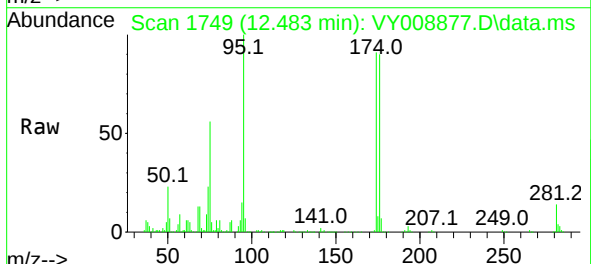
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

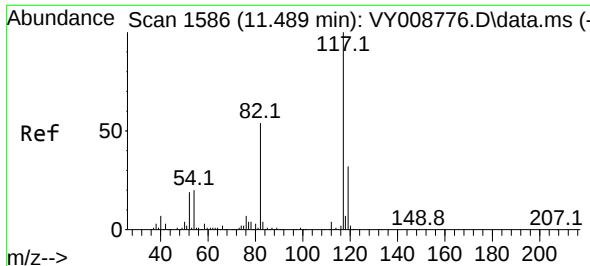
Tgt Ion: 98 Resp: 298861
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 95 Resp: 91075
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 85.7 0.0 175.8

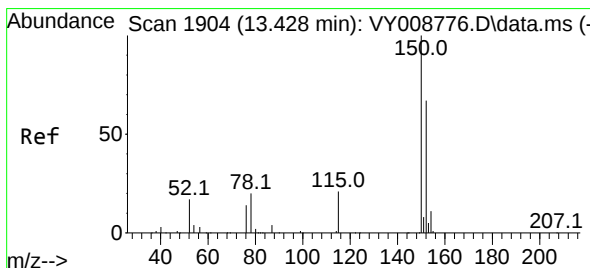
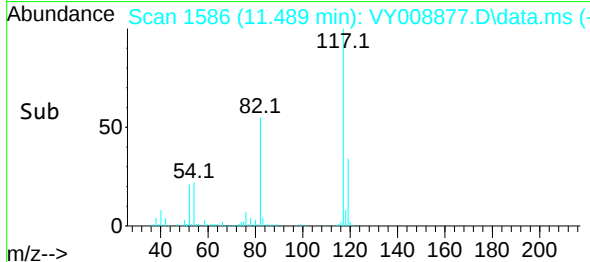
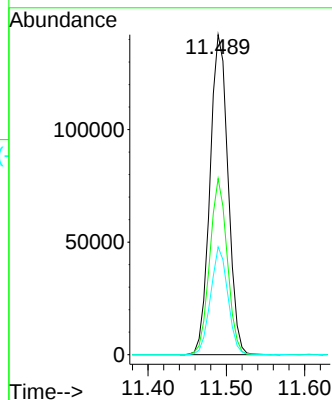
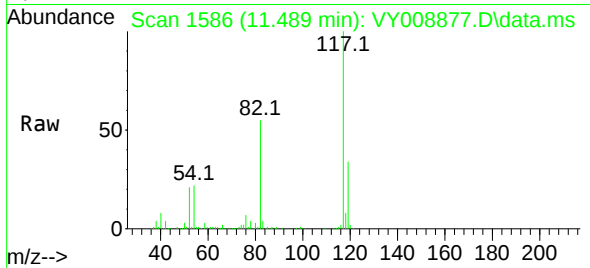




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

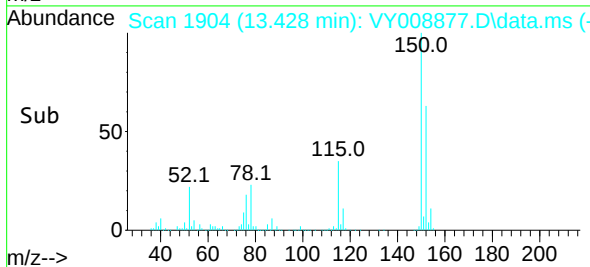
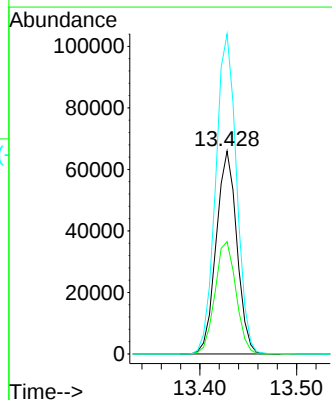
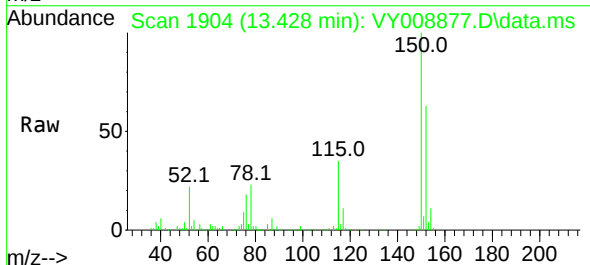
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

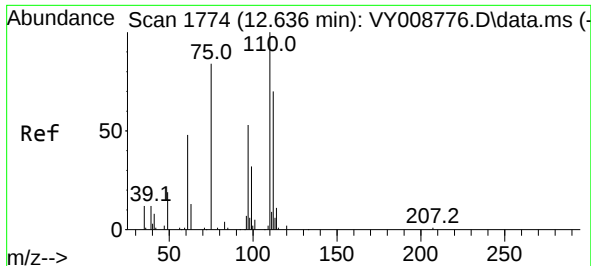
Tgt Ion:	117	Resp:	227199
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.4
119	33.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion:	152	Resp:	97860
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	159.0	0.0	347.6

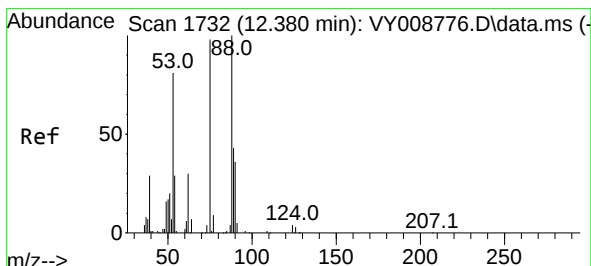
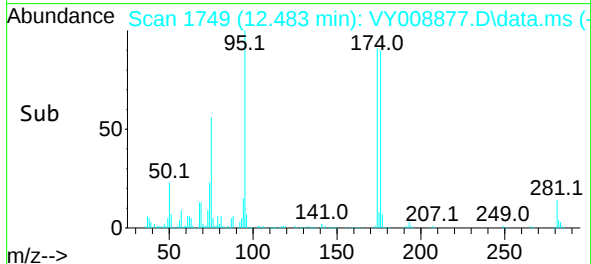
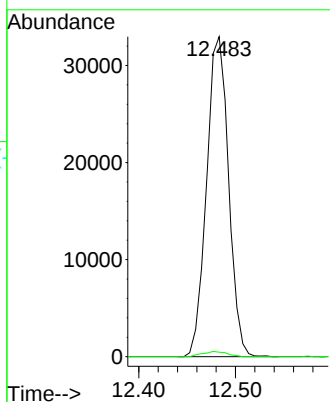
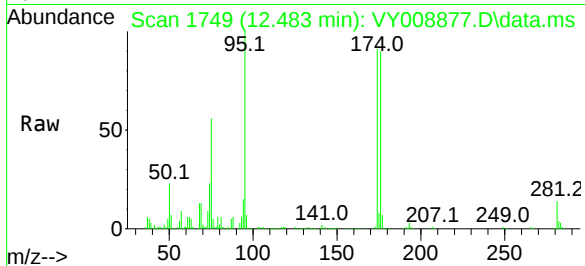




#76
1,2,3-Trichloropropane
Concen: 46.095 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-1824-01

Tgt Ion: 75 Resp: 52107
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008877.D
Acq: 19 May 2022 18:55

Tgt Ion: 75 Resp: 52107
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

