

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008878.D
 Acq On : 19 May 2022 19:18
 Operator : KP/MD
 Sample : N2869-02
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-2430-01

Quant Time: May 20 02:54:00 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)

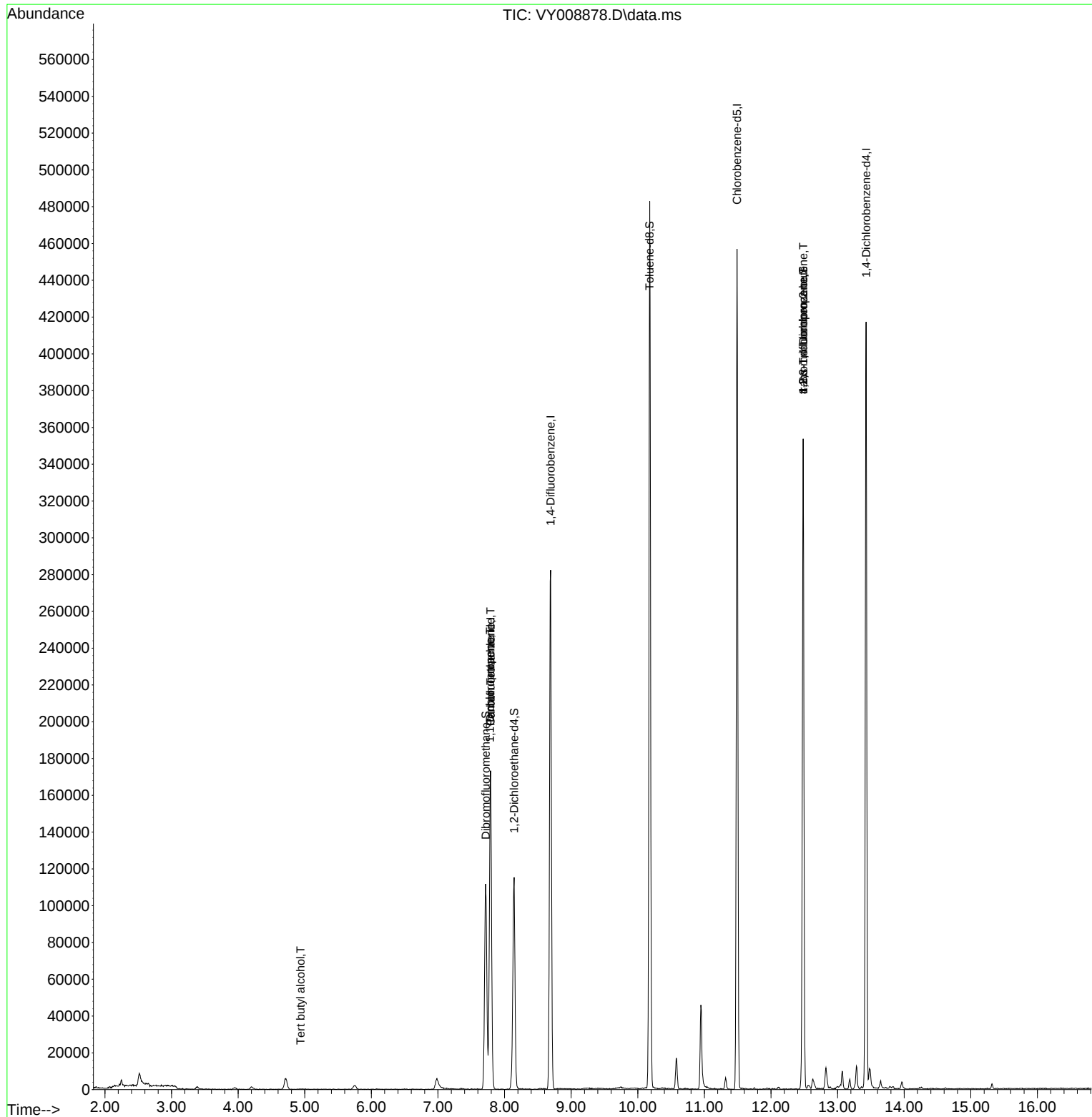
Internal Standards						
1) Pentafluorobenzene	7.789	168	130504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80645	66.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.220%
35) Dibromofluoromethane	7.716	113	76671	55.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.320%
50) Toluene-d8	10.179	98	301340	49.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	89835	41.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.460%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	23	Below Cal	#	43
3) Chloromethane	2.119	50	153	Below Cal	#	44
4) Vinyl Chloride	2.229	62	66	Below Cal	#	43
5) Bromomethane	2.650	94	129	Below Cal		93
6) Chloroethane	2.747	64	22	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	229	1.711	ug/l #	77
16) Acetone	3.942	43	1840	Below Cal	#	87
18) Methyl Acetate	4.460	43	23	Below Cal	#	56
20) Methylene Chloride	4.716	84	4583	Below Cal	#	81
31) Cyclohexane	7.783	56	3159	Below Cal	#	4
36) 1,1-Dichloropropene	7.783	75	11416	5.174	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13257	5.607	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	51961	44.558	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51961	97.461	ug/l #	8

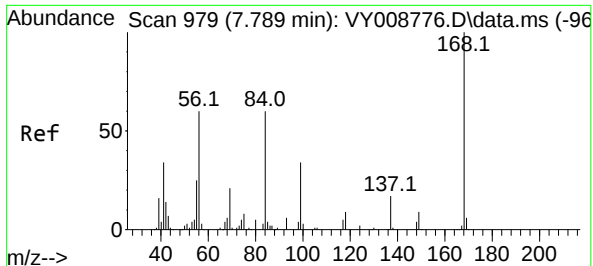
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P027-SS001-2430-01

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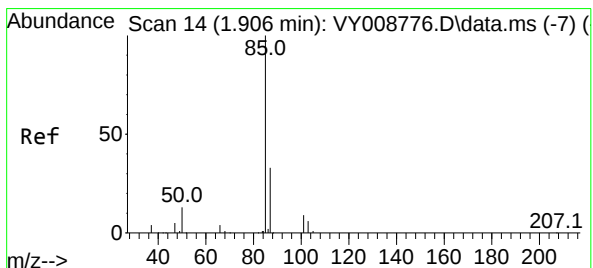
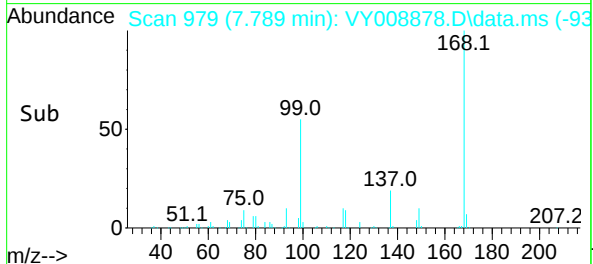
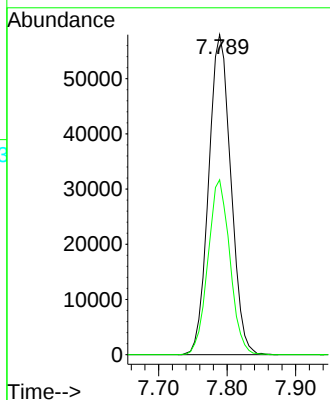
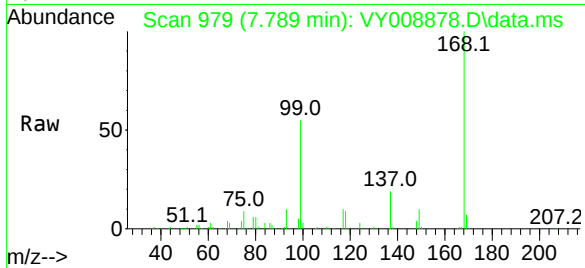




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

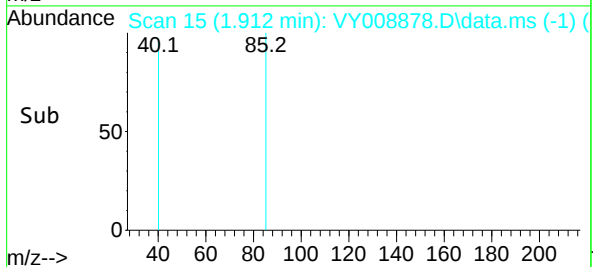
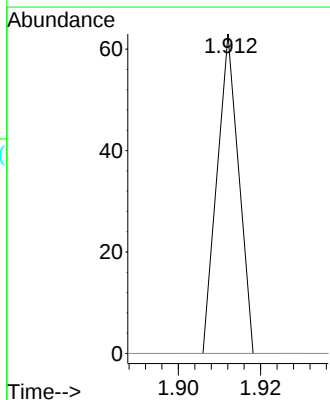
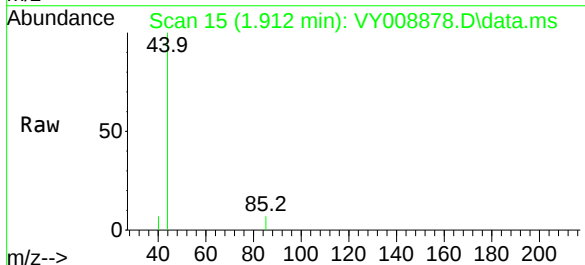
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

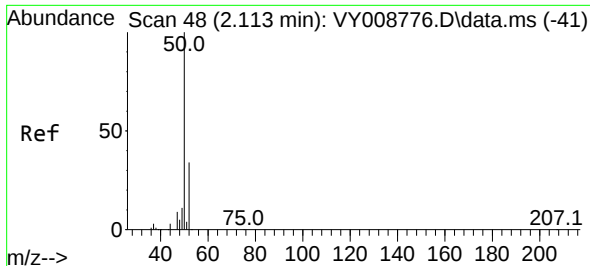
Tgt Ion:168 Resp: 130504
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

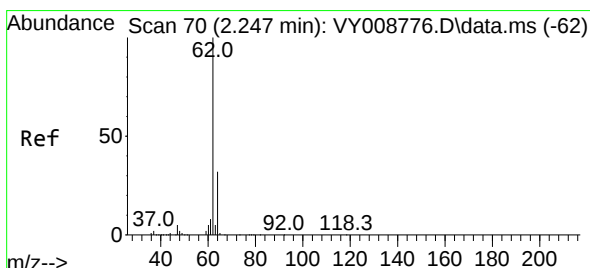
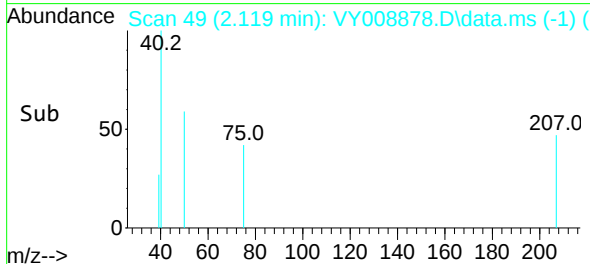
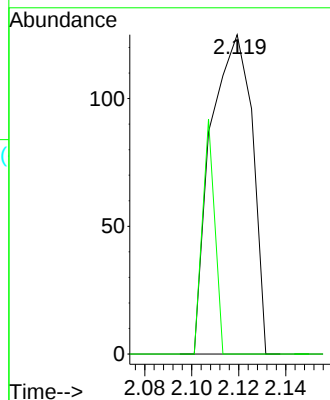
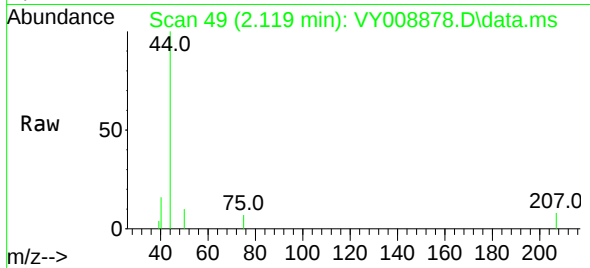




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

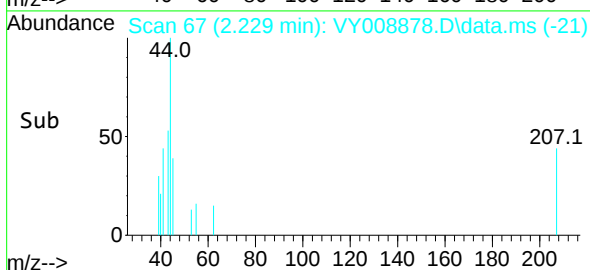
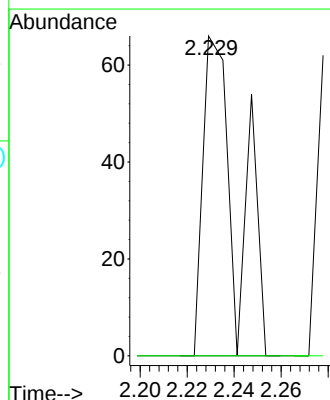
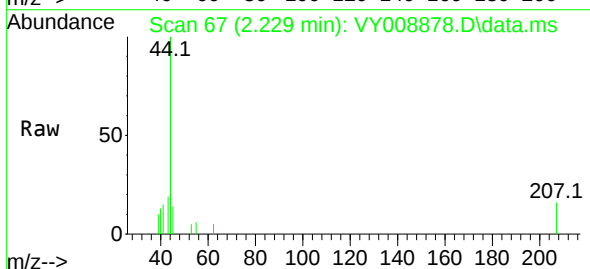
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

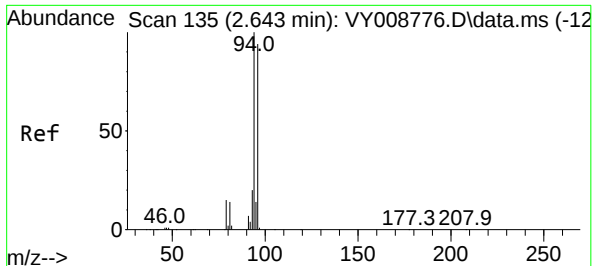
Tgt Ion: 50 Resp: 153
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.229 min Scan# 67
Delta R.T. -0.018 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 62 Resp: 66
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

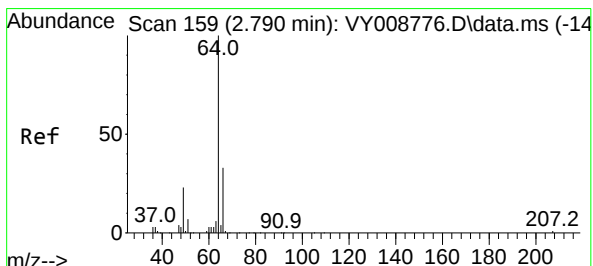
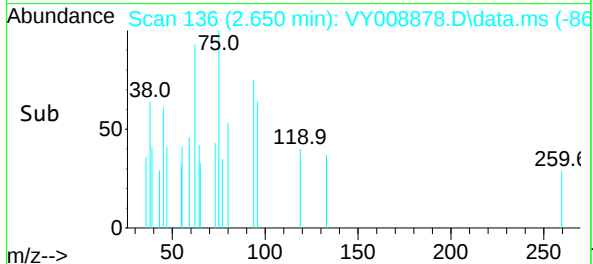
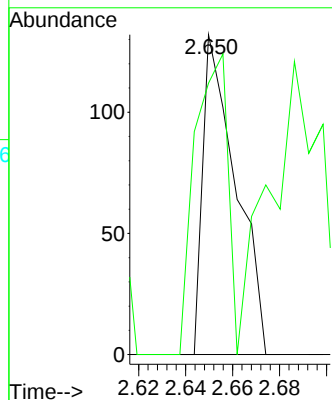
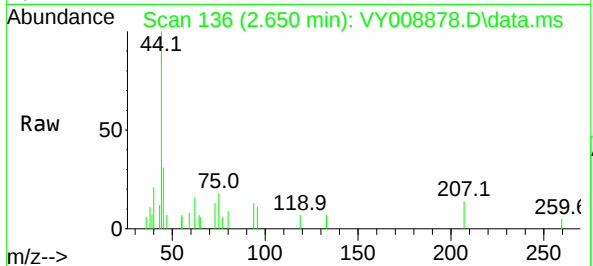




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

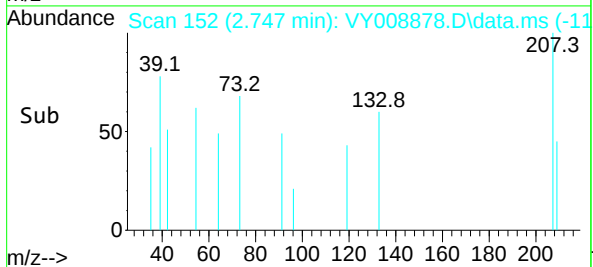
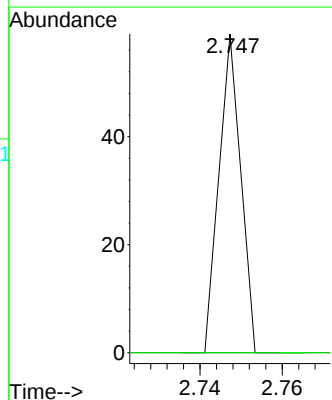
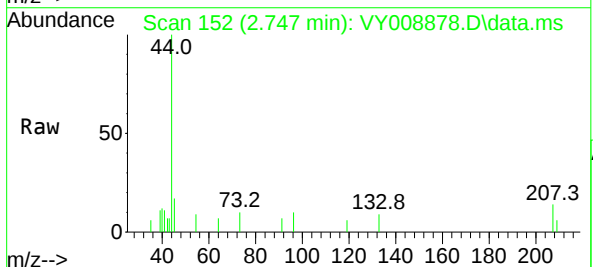
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

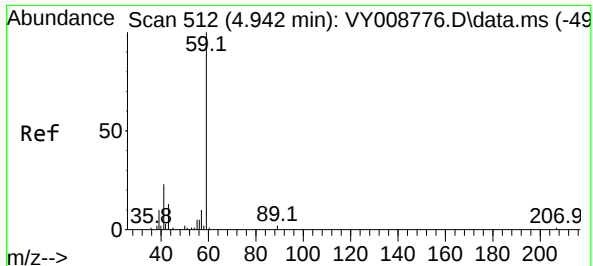
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 84.8 73.5 110.3



#6
Chloroethane
Concen: Below Cal
RT: 2.747 min Scan# 152
Delta R.T. -0.043 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#





#11

Tert butyl alcohol

Concen: 1.711 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008878.D

Acq: 19 May 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

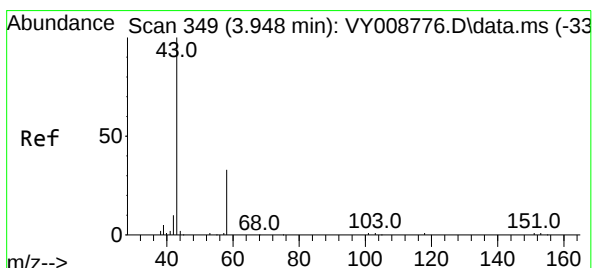
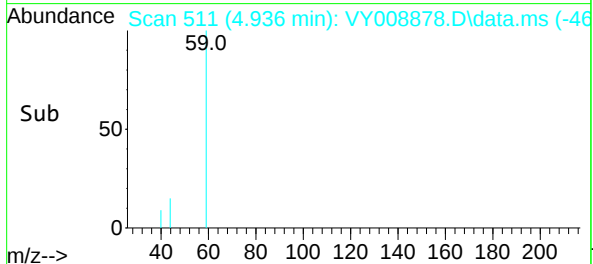
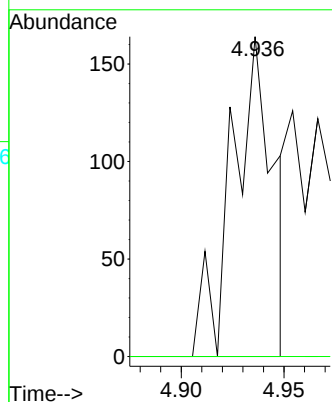
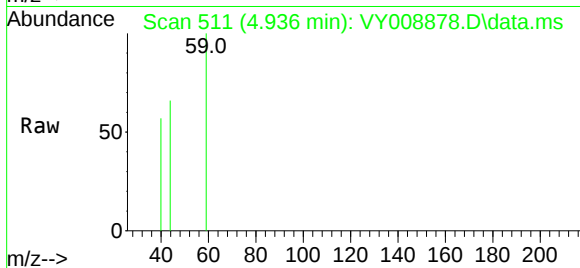
P027-SS001-2430-01

Tgt Ion: 59 Resp: 229

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: Below Cal

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008878.D

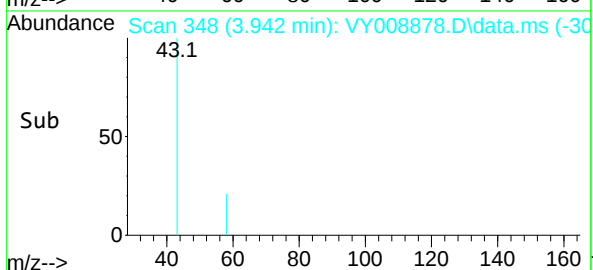
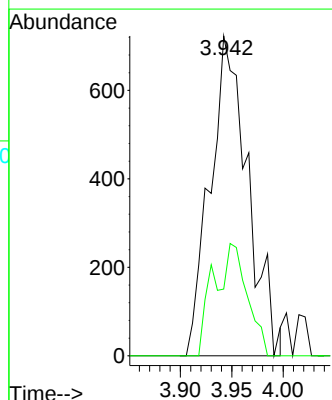
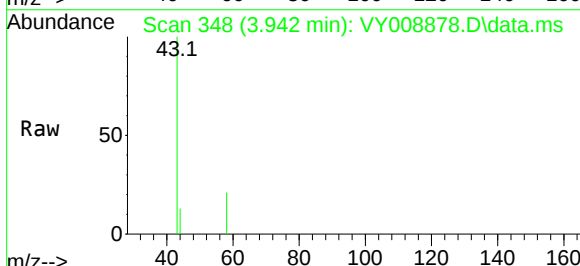
Acq: 19 May 2022 19:18

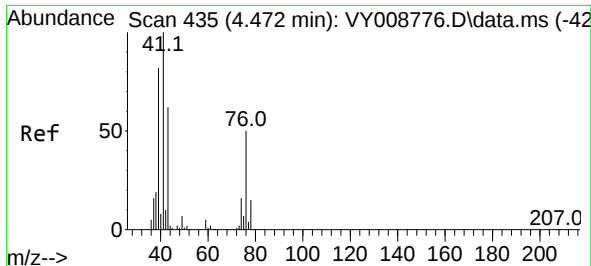
Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 20.9 22.0 33.0#

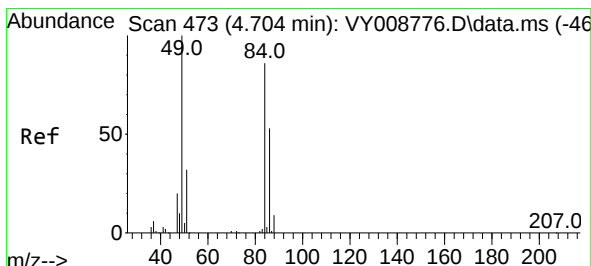
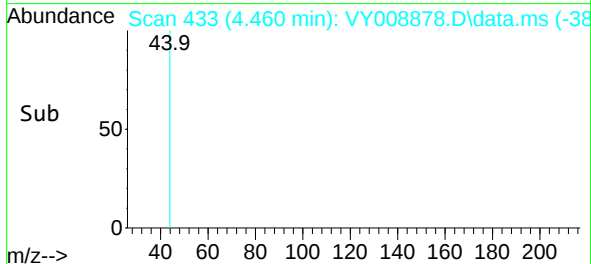
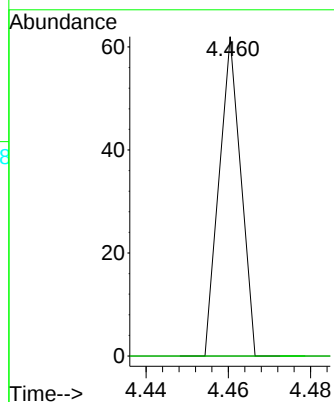
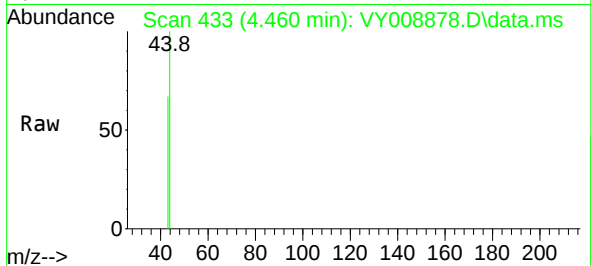




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

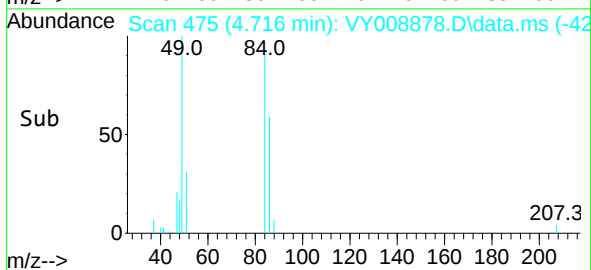
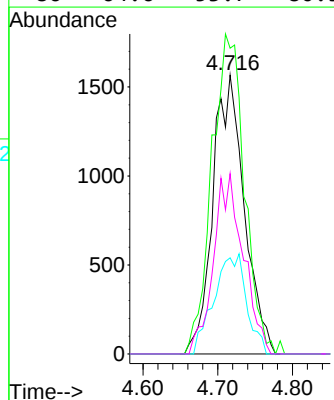
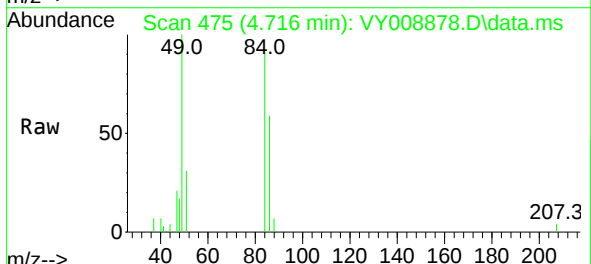
Instrument :
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P027-SS001-2430-01

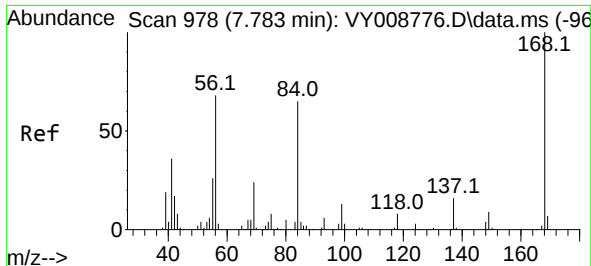
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

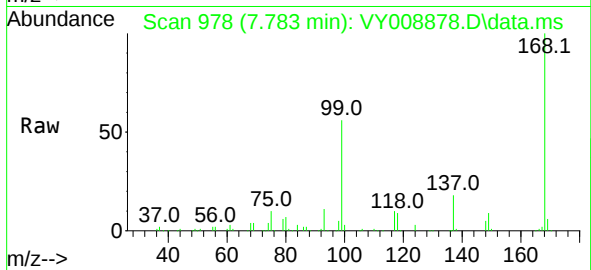
Tgt Ion: 84 Resp: 4583
Ion Ratio Lower Upper
84 100
49 109.6 114.4 171.6#
51 34.5 35.3 52.9#
86 64.6 53.7 80.5



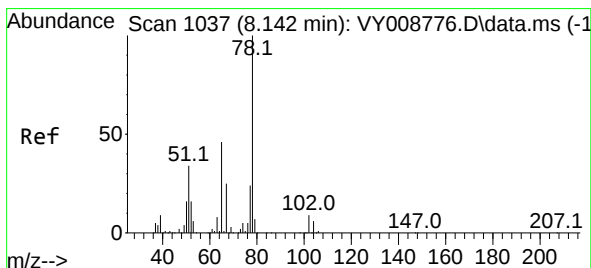
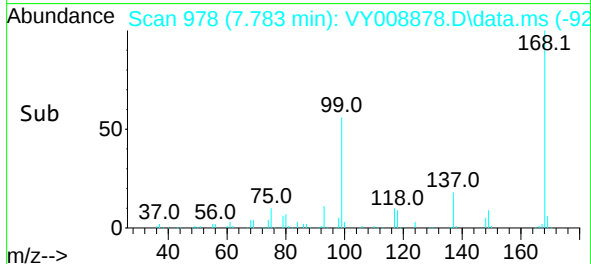
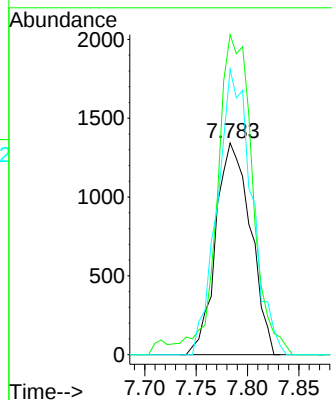


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

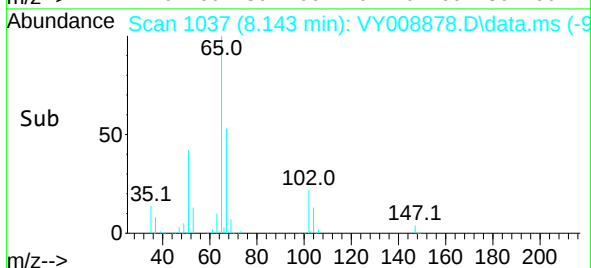
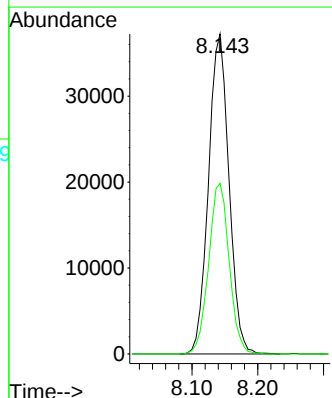
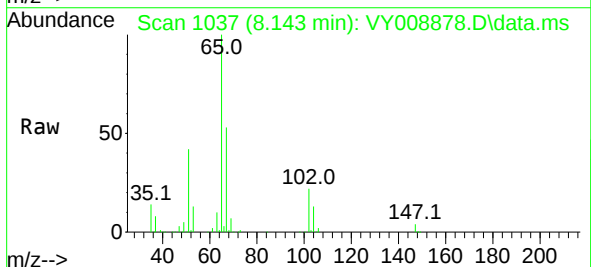


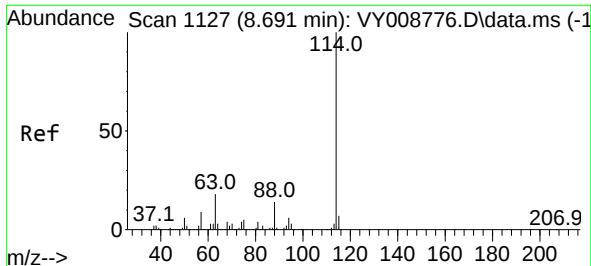
Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
69 145.8 26.7 40.1#
84 134.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.611 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 65 Resp: 80645
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

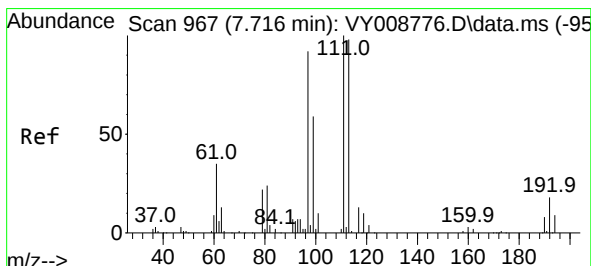
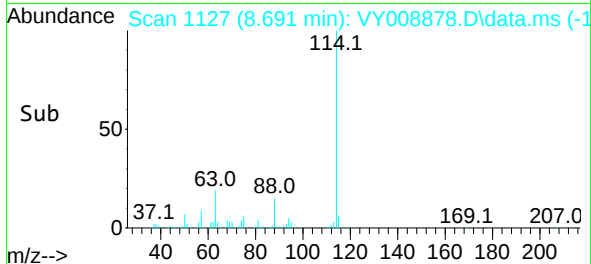
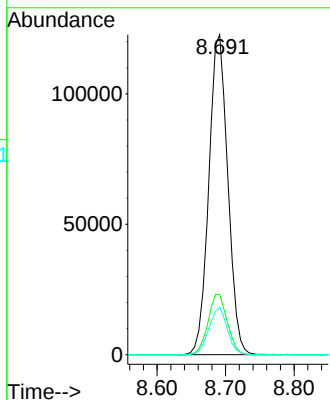
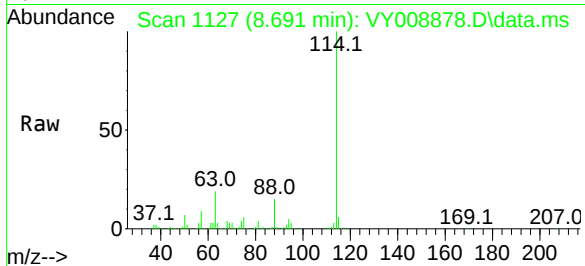




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

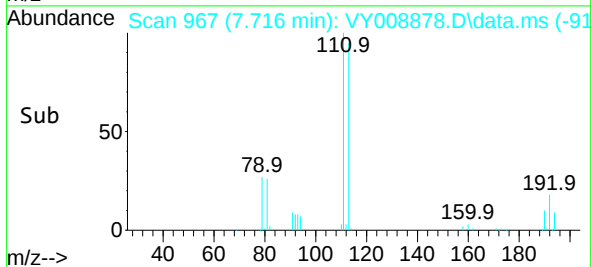
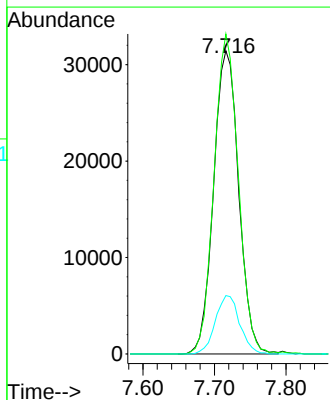
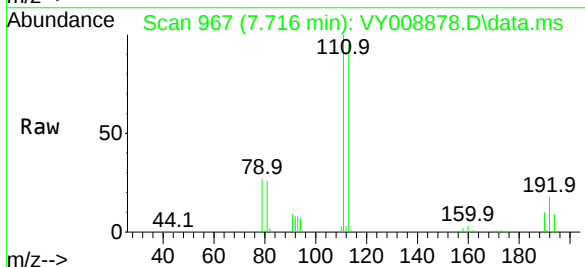
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

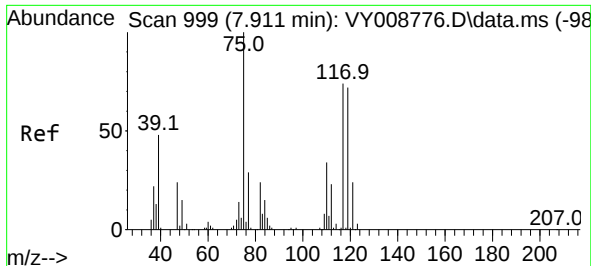
Tgt Ion:114 Resp: 235765
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.659 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion:113 Resp: 76671
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.174 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008878.D

Acq: 19 May 2022 19:18

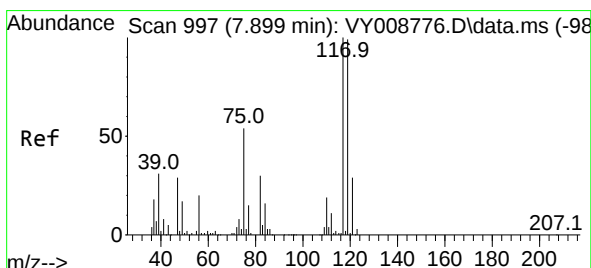
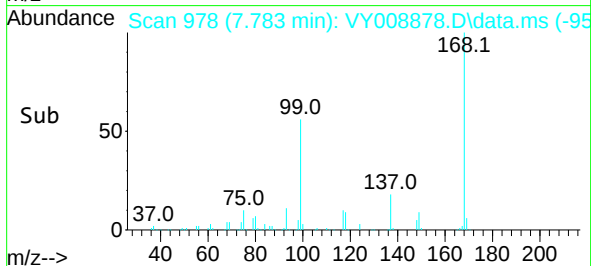
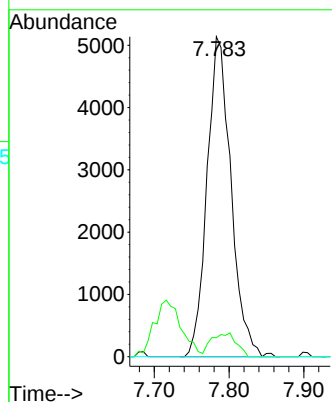
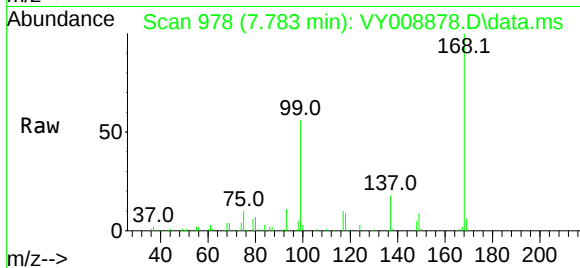
Instrument :

MSVOA_Y

ClientSampleId :

P027-SS001-2430-01

Tgt Ion: 75	Resp: 11416
Ion Ratio	Lower Upper
75 100	
110 7.7	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.607 ug/l

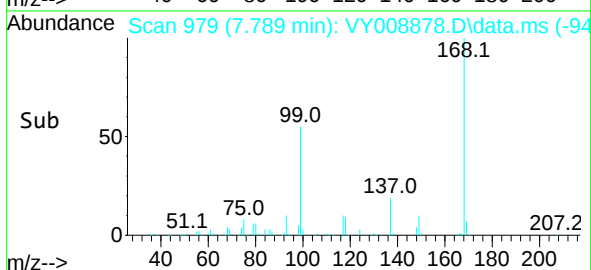
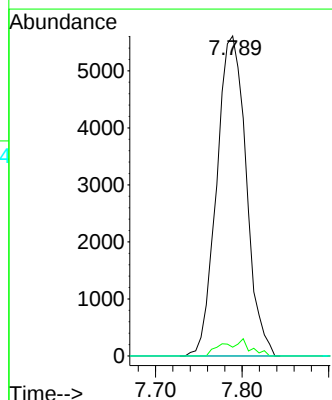
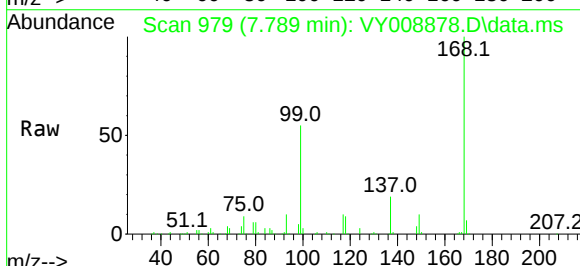
RT: 7.789 min Scan# 979

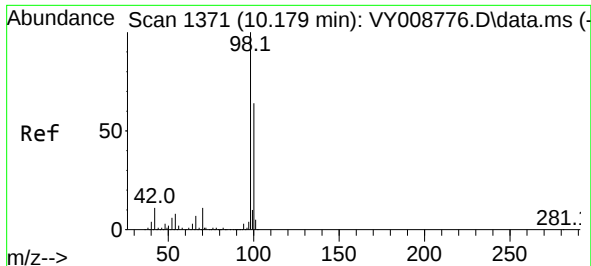
Delta R.T. -0.110 min

Lab File: VY008878.D

Acq: 19 May 2022 19:18

Tgt Ion: 117	Resp: 13257
Ion Ratio	Lower Upper
117 100	
119 2.8	77.9 116.9#
121 0.0	24.8 37.2#

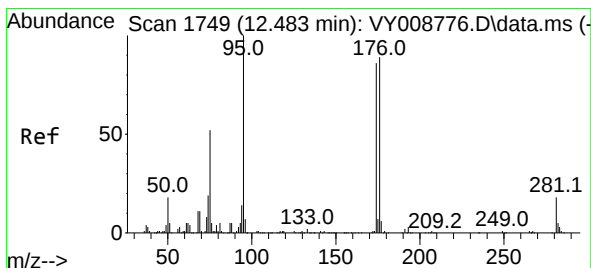
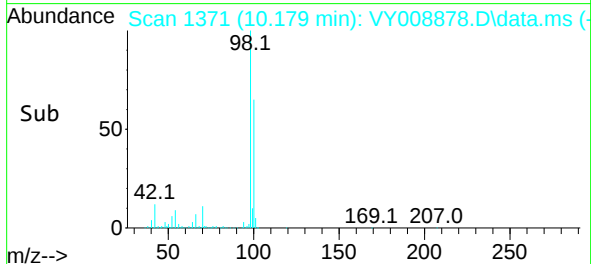
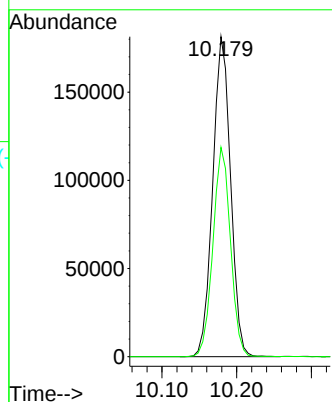
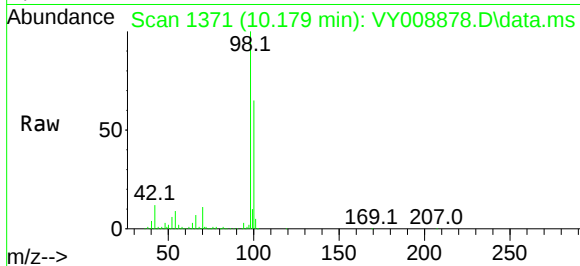




#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

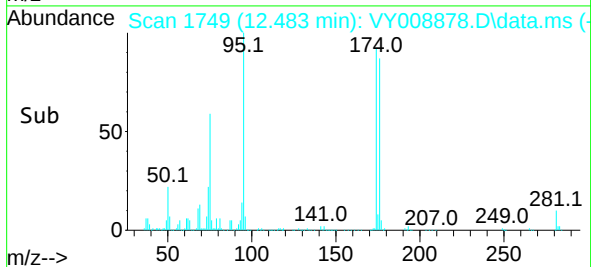
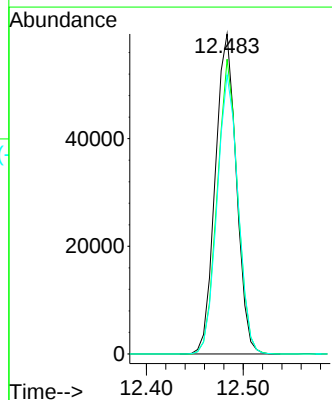
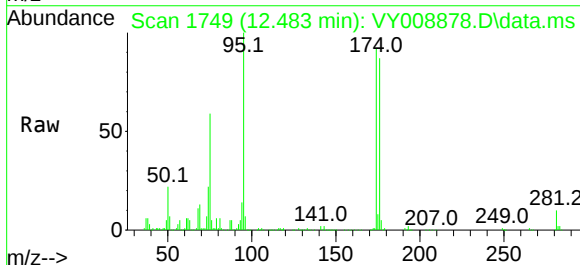
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

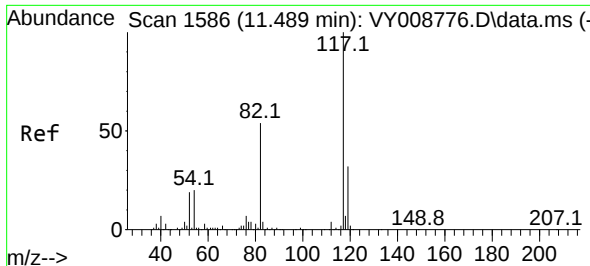
Tgt Ion: 98 Resp: 301340
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 95 Resp: 89835
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.8 0.0 175.8

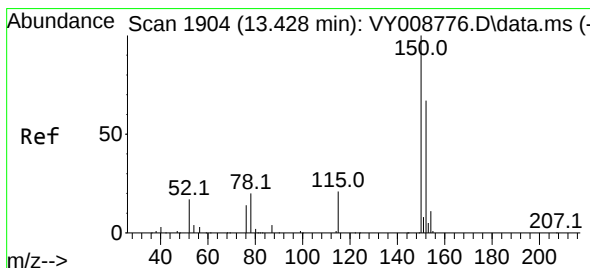
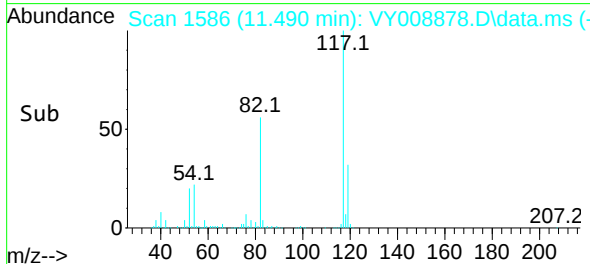
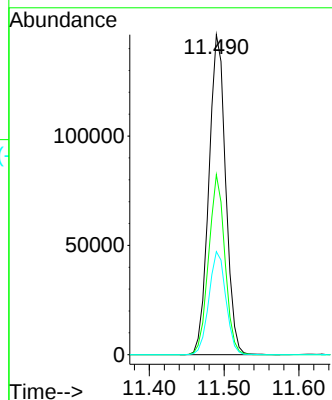
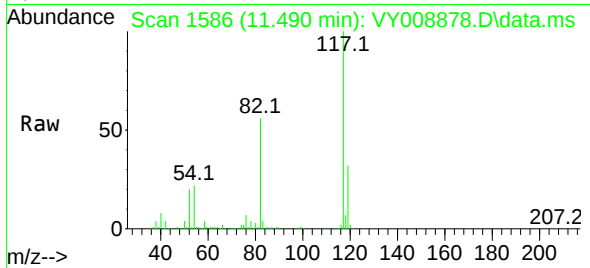




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

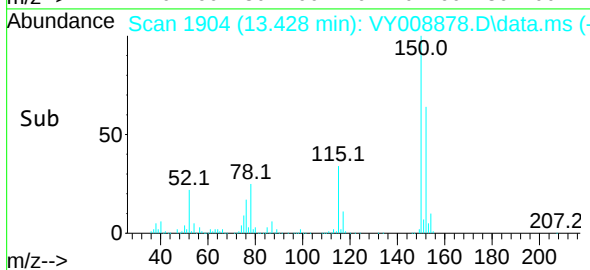
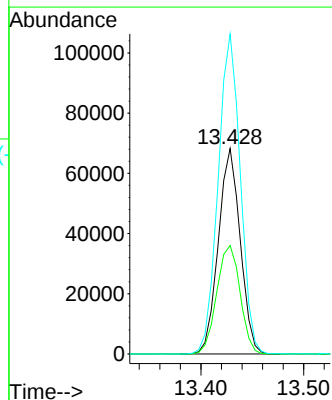
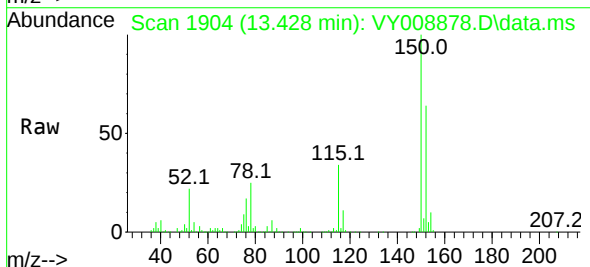
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

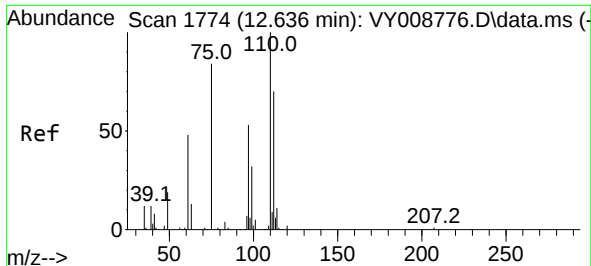
Tgt Ion:117 Resp: 228807
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion:152 Resp: 100952
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 157.4 0.0 347.6

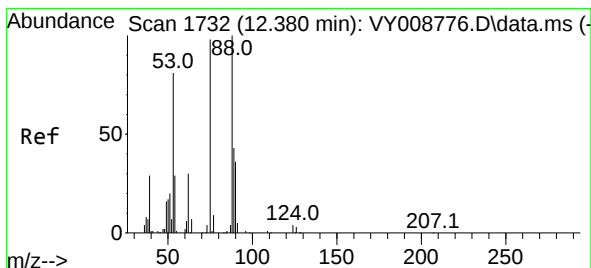
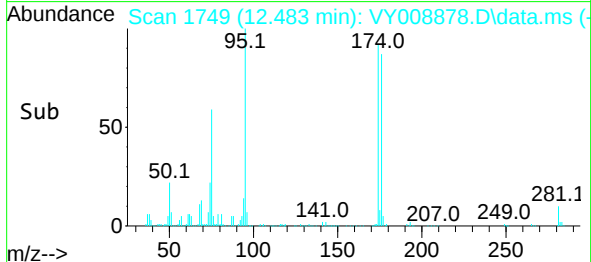
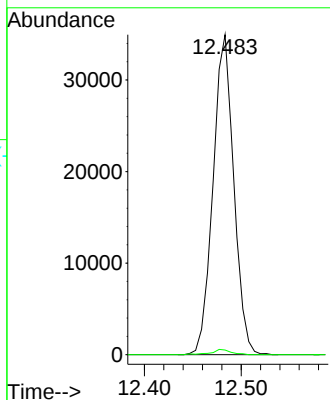
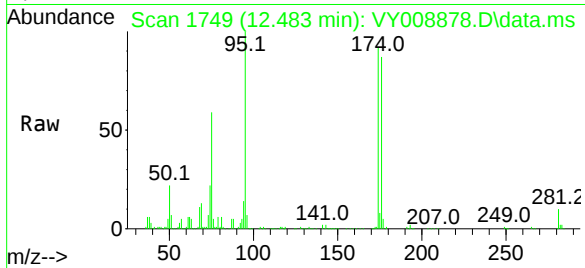




#76
1,2,3-Trichloropropane
Concen: 44.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-2430-01

Tgt Ion: 75 Resp: 51961
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008878.D
Acq: 19 May 2022 19:18

Tgt Ion: 75 Resp: 51961
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 0.3 37.0 55.4#

