

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008908.D
 Acq On : 20 May 2022 08:06
 Operator : KP/MD
 Sample : N2868-21
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-0612-01

Quant Time: May 20 08:23:19 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)

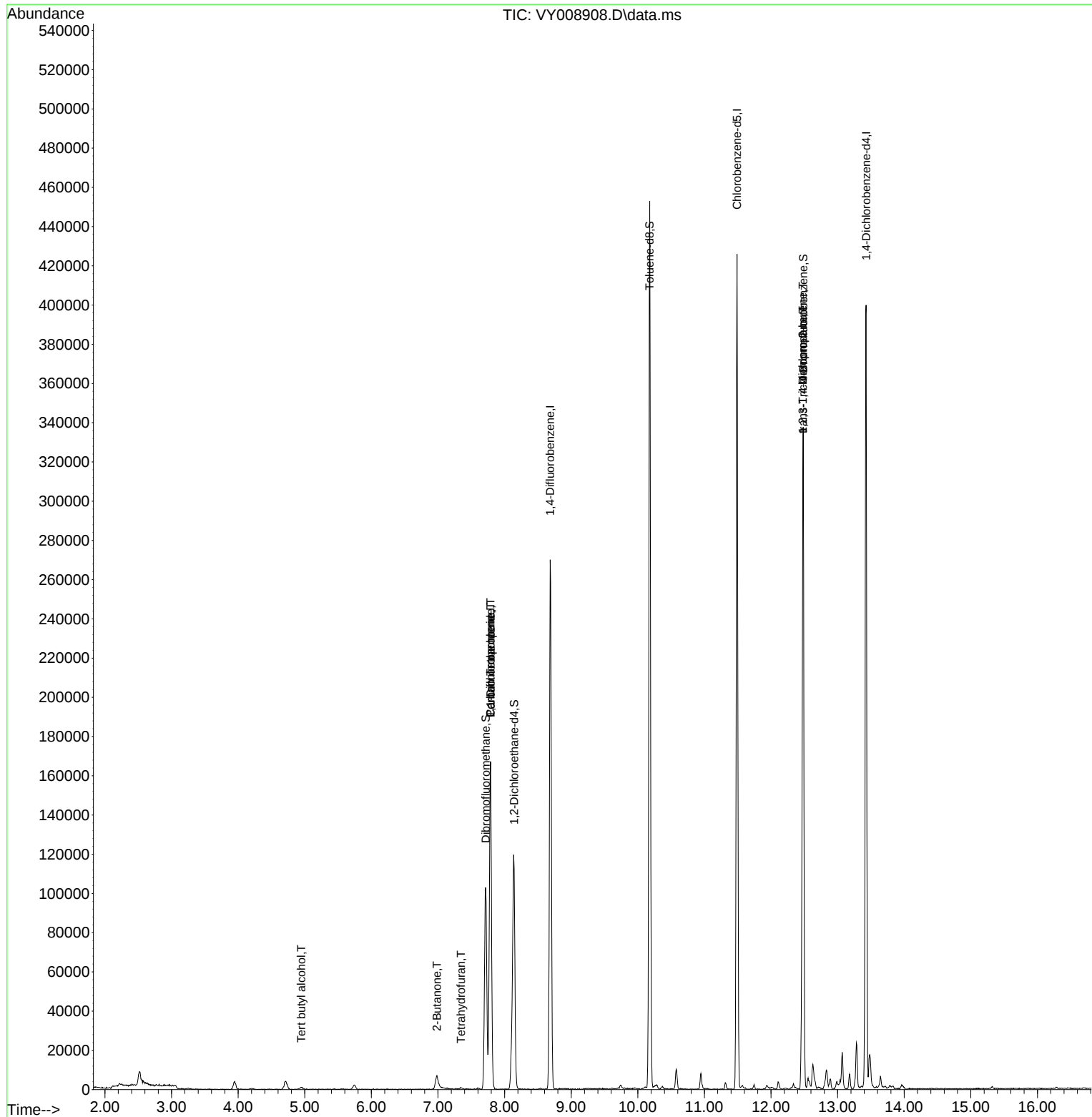
Internal Standards						
1) Pentafluorobenzene	7.789	168	126123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	226279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80276	68.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.220%	
35) Dibromofluoromethane	7.716	113	71713	54.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.179	98	286513	48.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	12.483	95	88274	42.643	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	166	Below Cal	#	43
3) Chloromethane	1.845	50	26	Below Cal	#	44
4) Vinyl Chloride	2.223	62	53	Below Cal	#	43
5) Bromomethane	2.662	94	149	Below Cal	#	69
6) Chloroethane	2.717	64	21	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	1750	13.533	ug/l #	77
16) Acetone	3.948	43	6842	Below Cal		94
18) Methyl Acetate	4.478	43	21	Below Cal	#	56
20) Methylene Chloride	4.710	84	3031	Below Cal	#	81
25) 2-Butanone	6.984	43	1088	2.216	ug/l	98
29) Tetrahydrofuran	7.344	42	391	1.195	ug/l #	63
31) Cyclohexane	7.783	56	3115	Below Cal	#	19
36) 1,1-Dichloropropene	7.789	75	11044	5.216	ug/l #	49
38) Carbon Tetrachloride	7.789	117	12313	5.426	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	50429	45.629	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50429	99.803	ug/l #	7

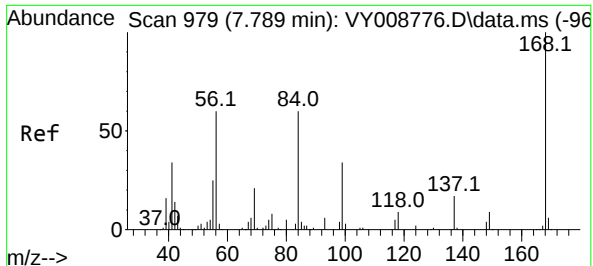
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
Data File : VY008908.D
Acq On : 20 May 2022 08:06
Operator : KP/MD
Sample : N2868-21
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

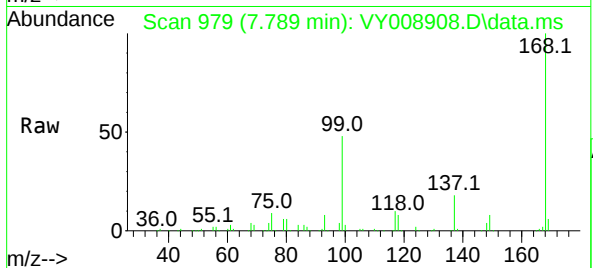
Quant Time: May 20 08:23:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



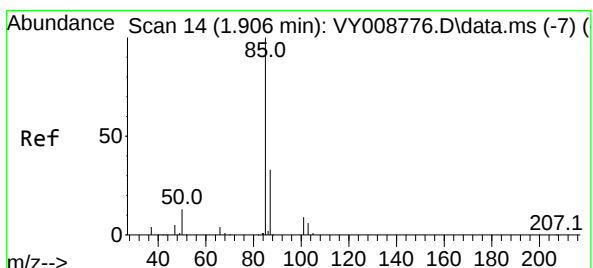
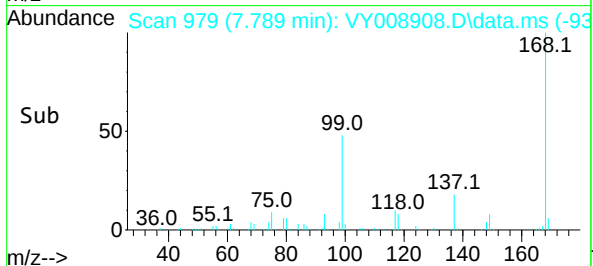
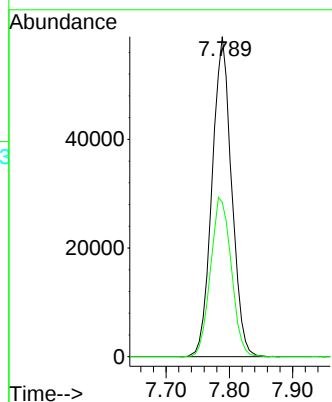


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

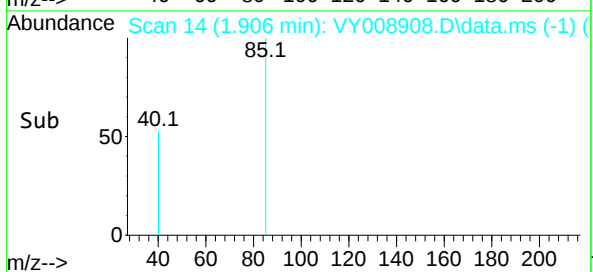
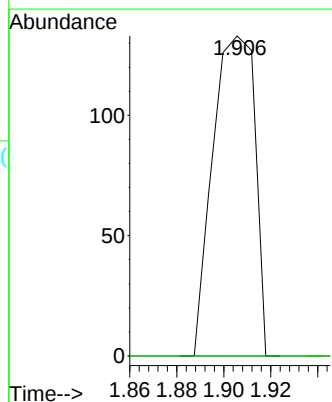
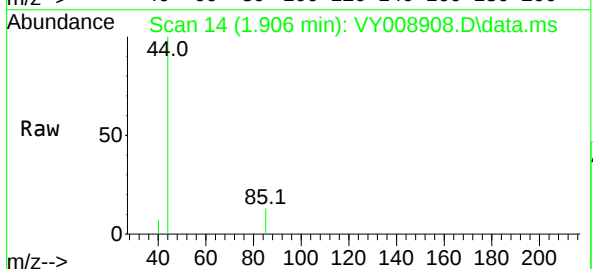


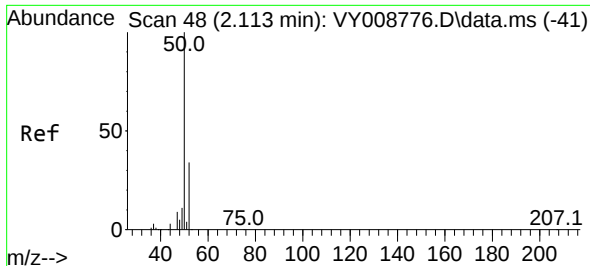
Tgt Ion:168 Resp: 126123
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

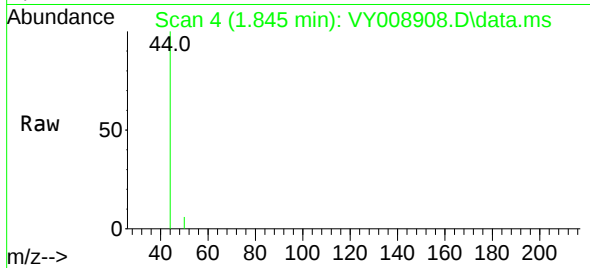
Tgt Ion: 85 Resp: 166
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



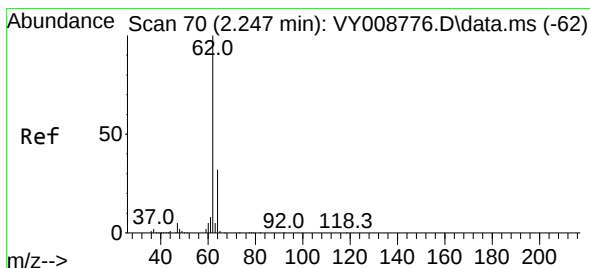
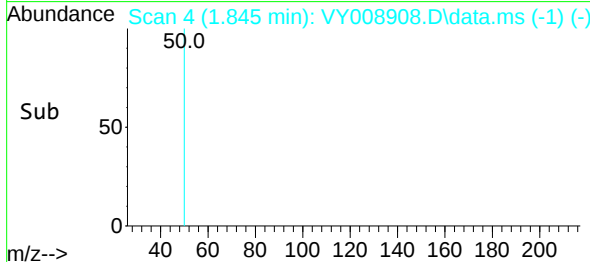
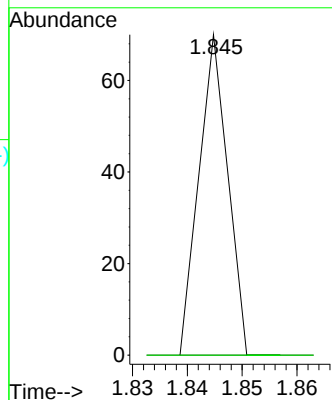


#3
Chloromethane
Concen: Below Cal
RT: 1.845 min Scan# 4
Delta R.T. -0.268 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

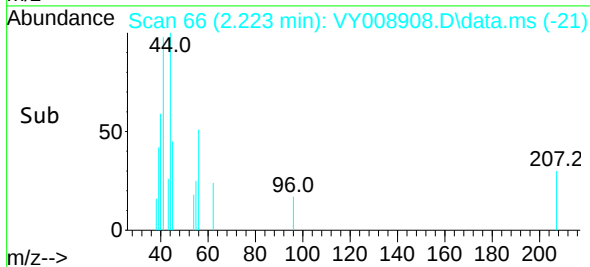
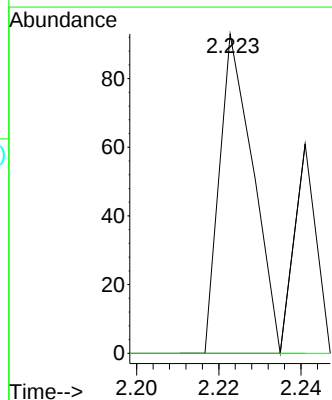
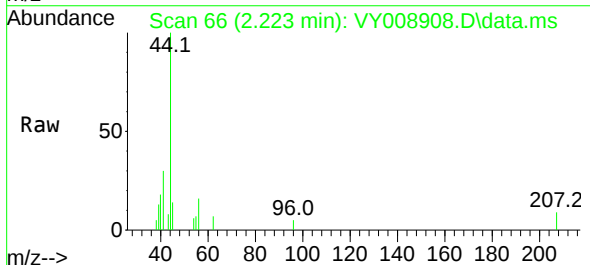


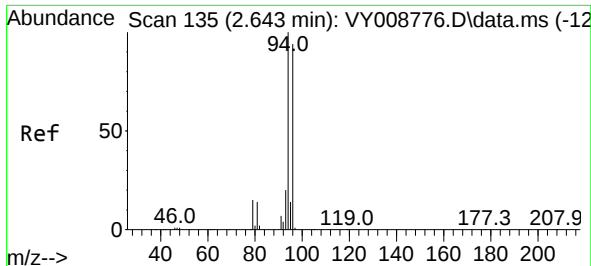
Tgt Ion: 50 Resp: 26
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.223 min Scan# 66
Delta R.T. -0.024 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

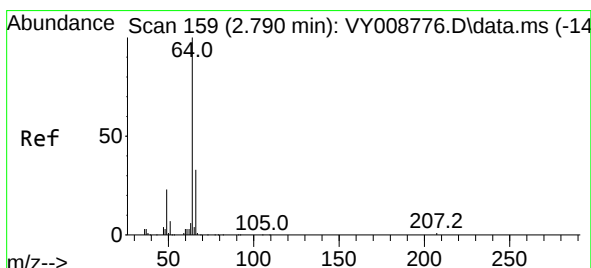
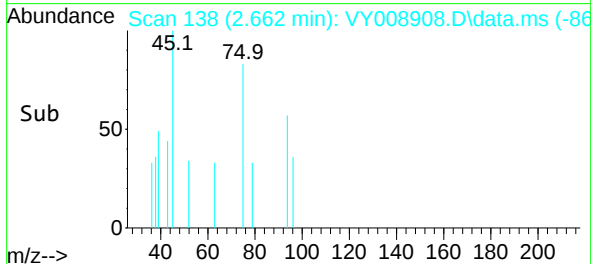
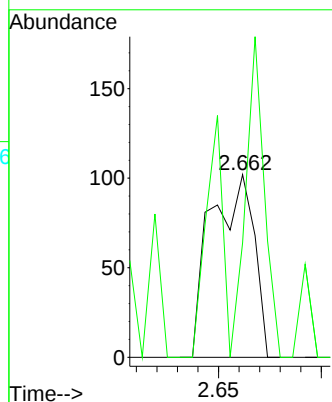
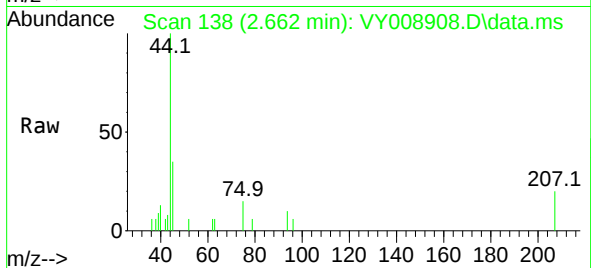




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

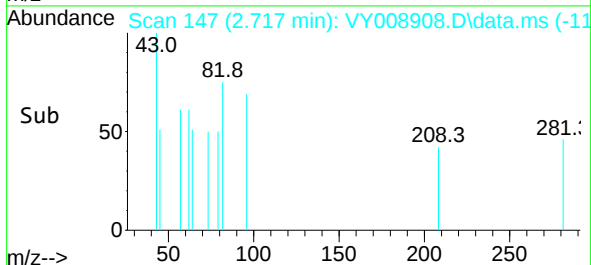
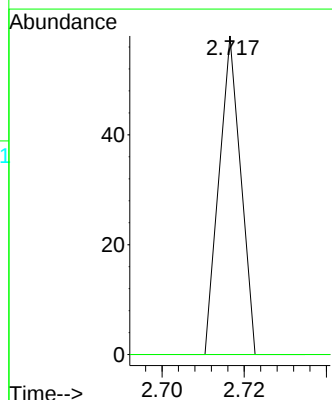
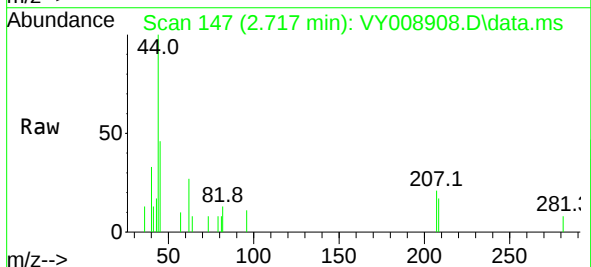
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

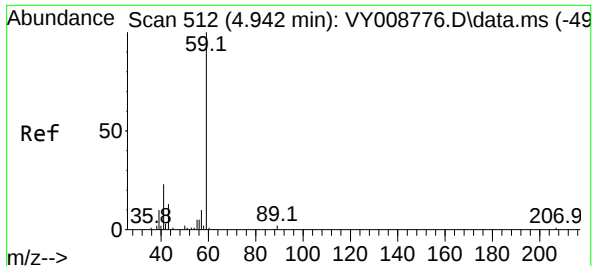
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 62.7 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.717 min Scan# 147
Delta R.T. -0.073 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#





#11

Tert butyl alcohol

Concen: 13.533 ug/l

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008908.D

Acq: 20 May 2022 08:06

Instrument :

MSVOA_Y

ClientSampleId :

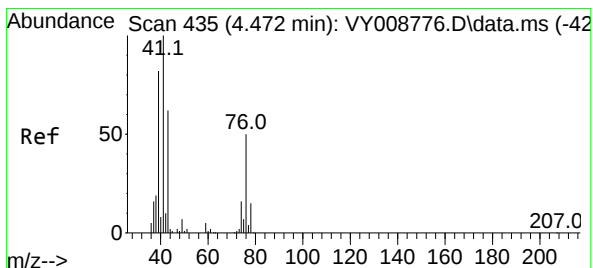
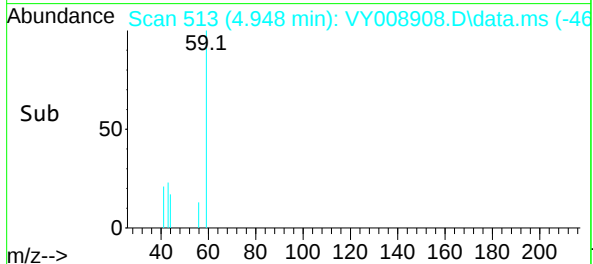
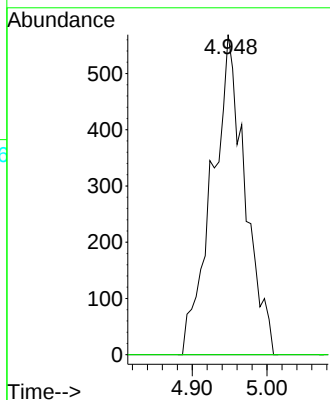
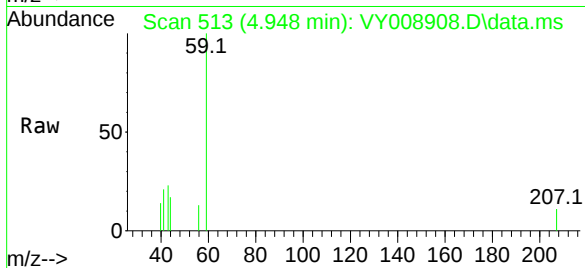
P027-SS001-0612-01

Tgt Ion: 59 Resp: 1750

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY008908.D

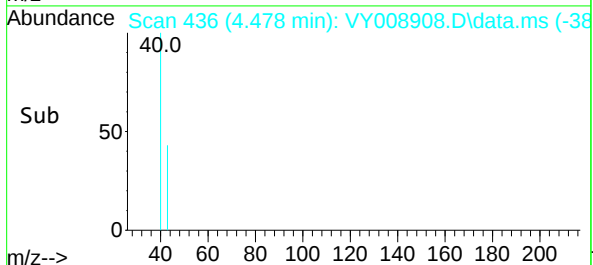
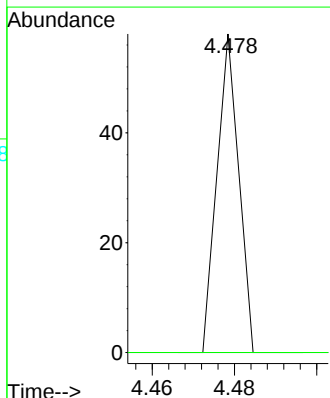
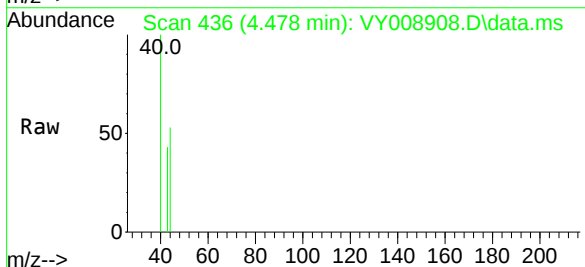
Acq: 20 May 2022 08:06

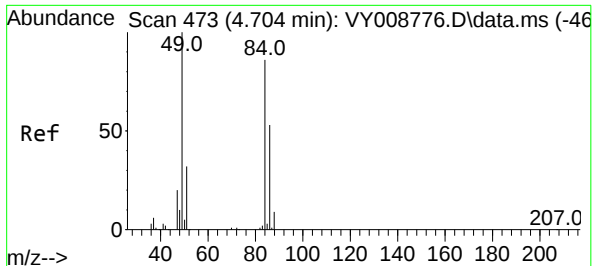
Tgt Ion: 43 Resp: 21

Ion Ratio Lower Upper

43 100

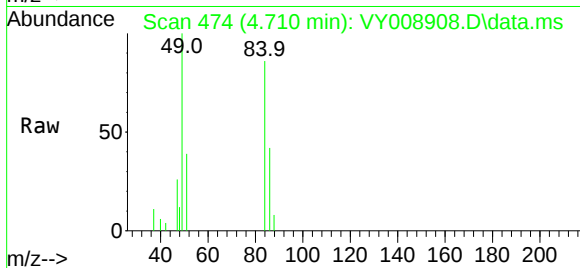
74 0.0 16.6 24.8#



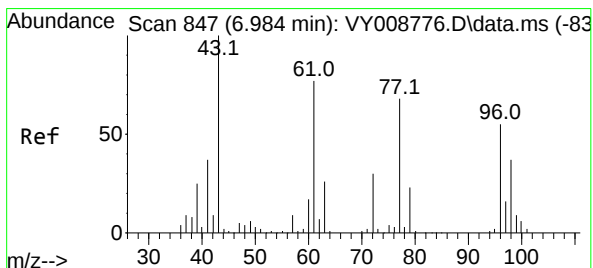
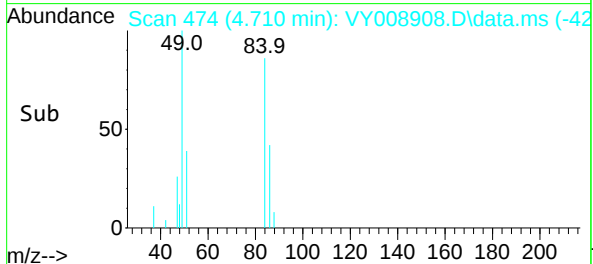
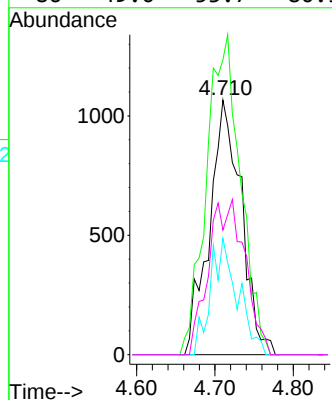


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

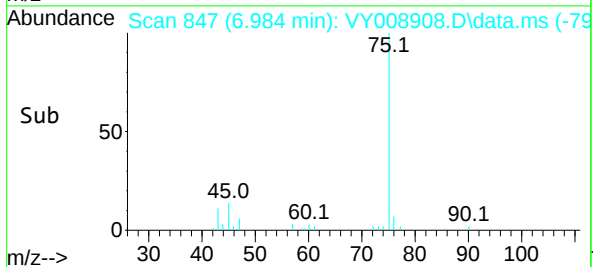
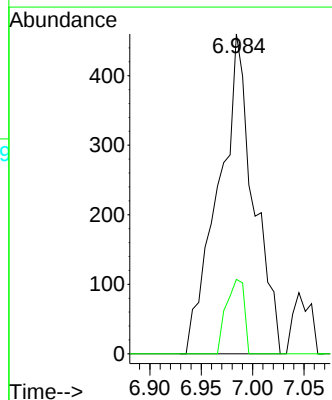
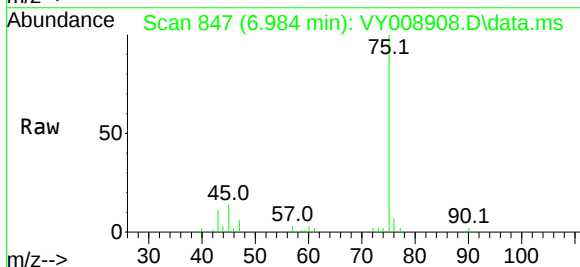


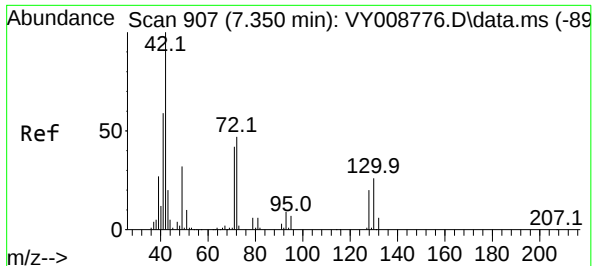
Tgt Ion: 84 Resp: 3031
Ion Ratio Lower Upper
84 100
49 115.9 114.4 171.6
51 45.7 35.3 52.9
86 49.0 53.7 80.5#



#25
2-Butanone
Concen: 2.216 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
72 23.3 17.7 26.5





#29

Tetrahydrofuran

Concen: 1.195 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY008908.D

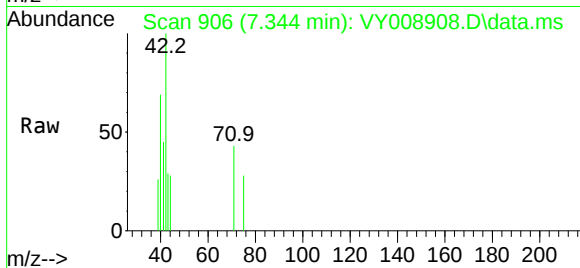
Acq: 20 May 2022 08:06

Instrument :

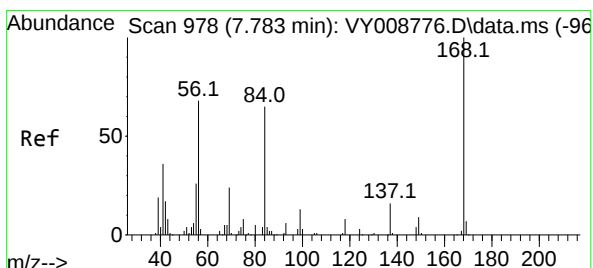
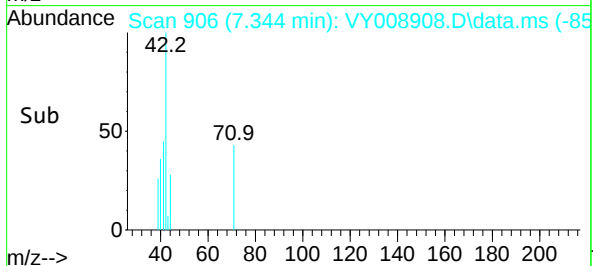
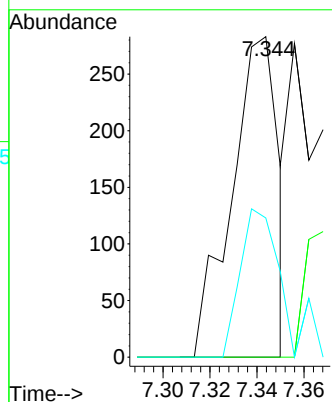
MSVOA_Y

ClientSampleId :

P027-SS001-0612-01



Tgt Ion: 42	Resp: 391
Ion Ratio	Lower Upper
42	100
72	0.0 30.3 45.5#
71	41.4 29.0 43.4



#31

Cyclohexane

Concen: Below Cal

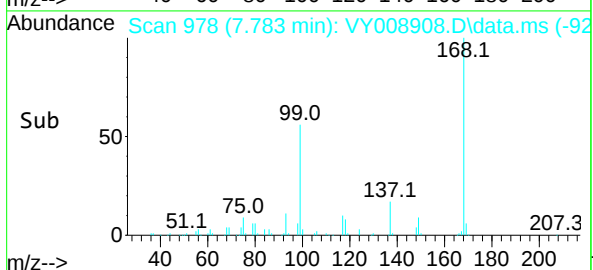
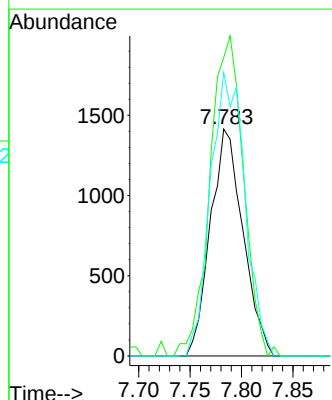
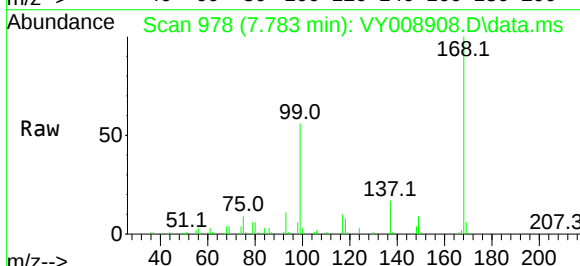
RT: 7.783 min Scan# 978

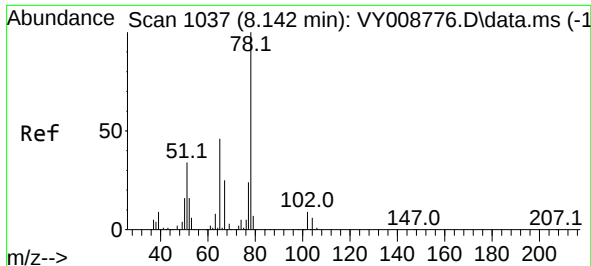
Delta R.T. -0.000 min

Lab File: VY008908.D

Acq: 20 May 2022 08:06

Tgt Ion: 56	Resp: 3115
Ion Ratio	Lower Upper
56	100
69	131.5 26.7 40.1#
84	125.0 67.2 100.8#

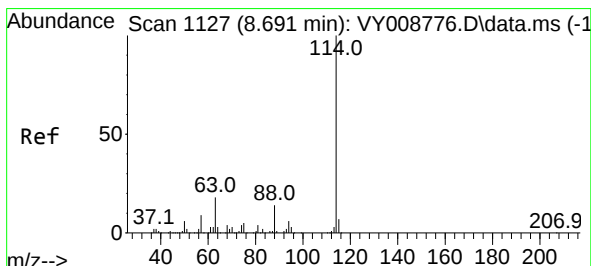
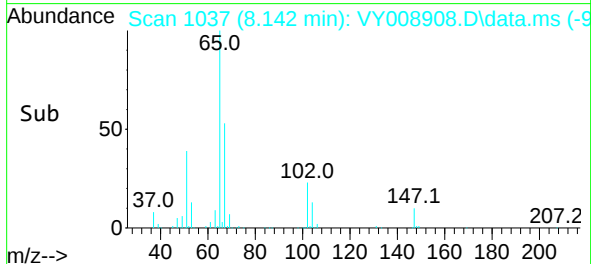
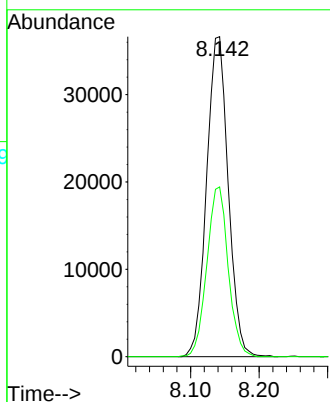
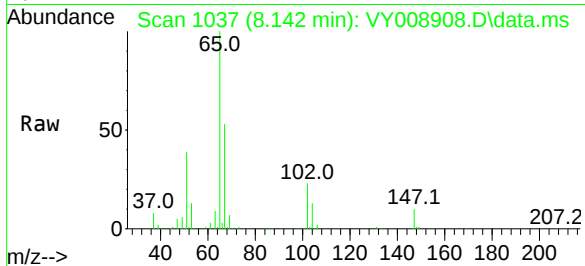




#33
1,2-Dichloroethane-d4
Concen: 68.609 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

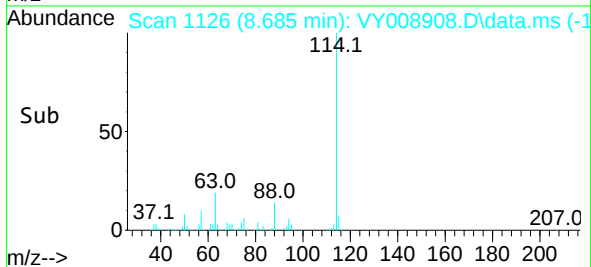
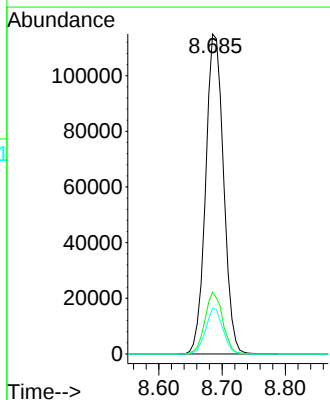
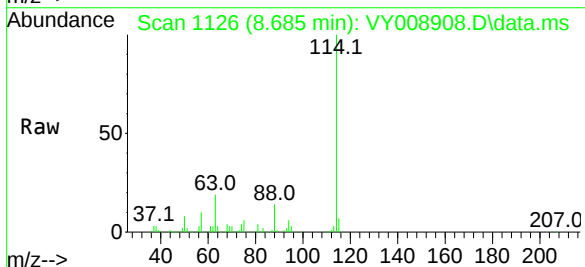
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

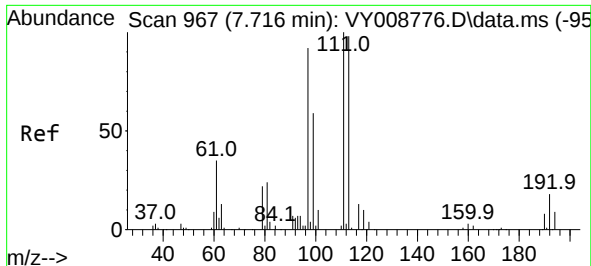
Tgt Ion: 65 Resp: 80276
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

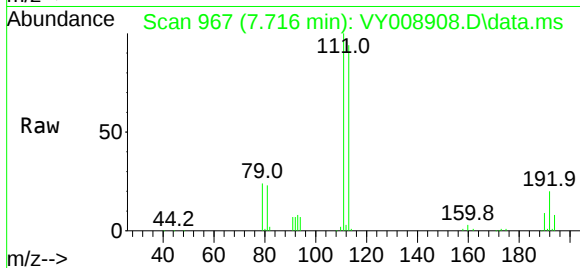
Tgt Ion: 114 Resp: 226279
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 14.2 0.0 31.8



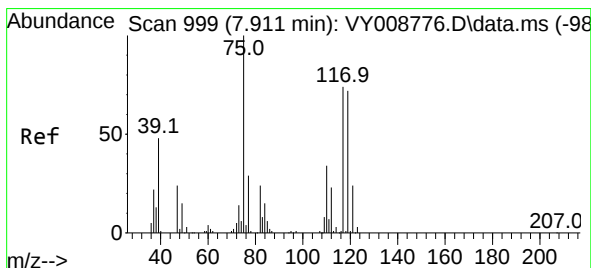
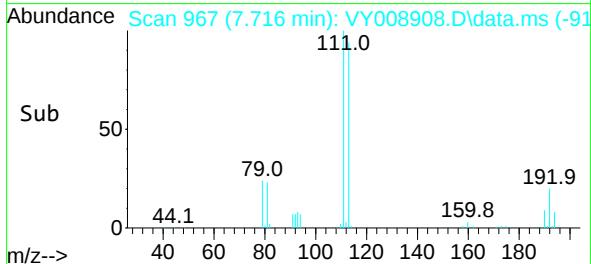
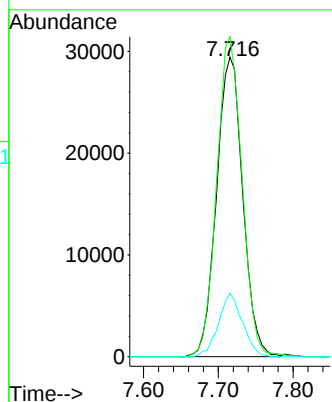


#35
Dibromofluoromethane
Concen: 54.242 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

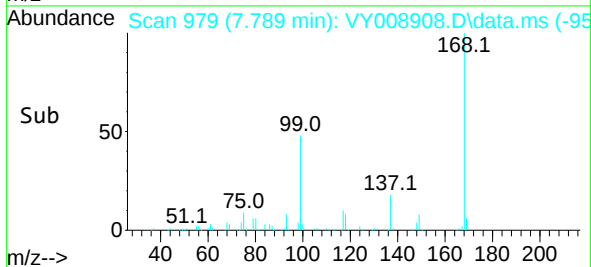
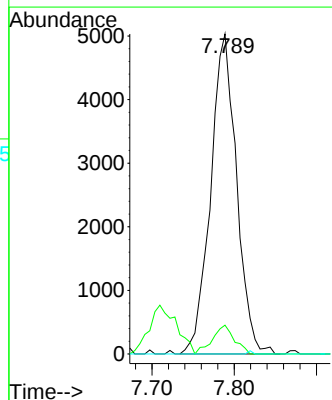
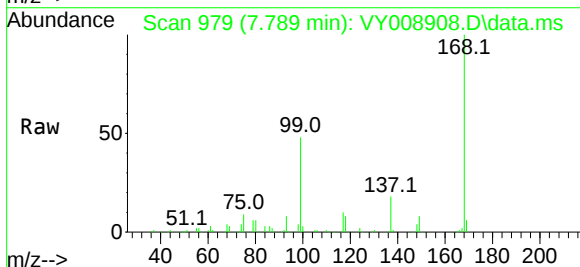


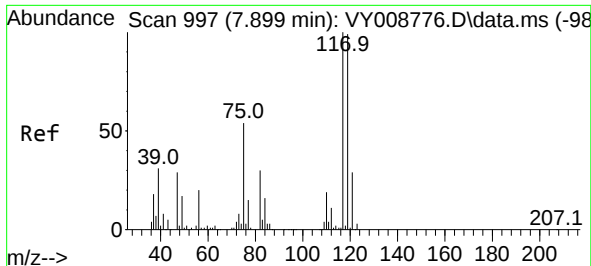
Tgt Ion:113 Resp: 71713
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.216 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

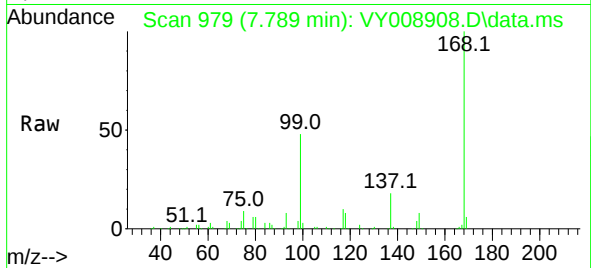
Tgt Ion: 75 Resp: 11044
Ion Ratio Lower Upper
75 100
110 7.6 17.1 51.2#
77 0.0 24.4 36.6#



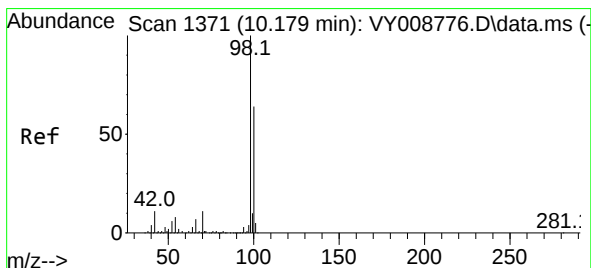
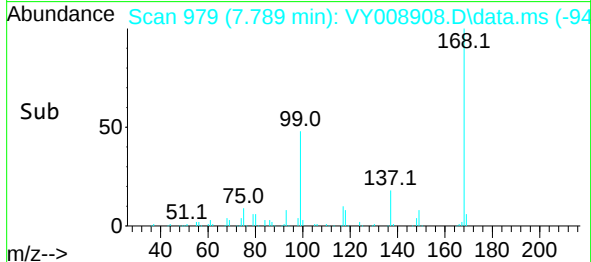
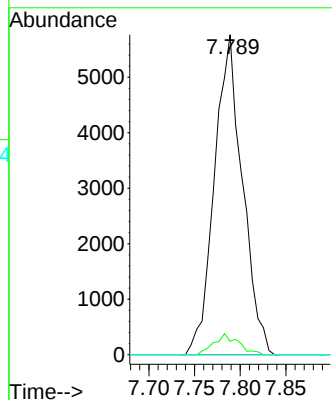


#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

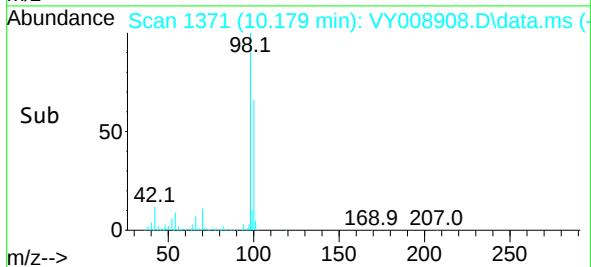
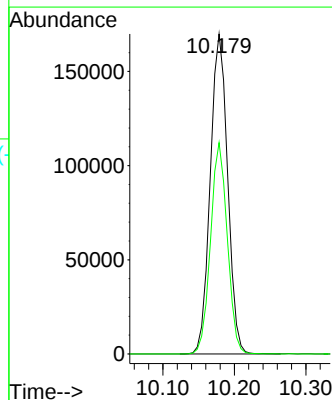
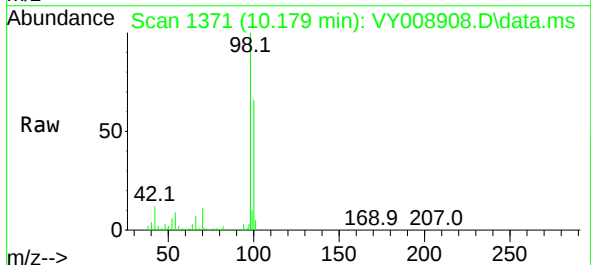


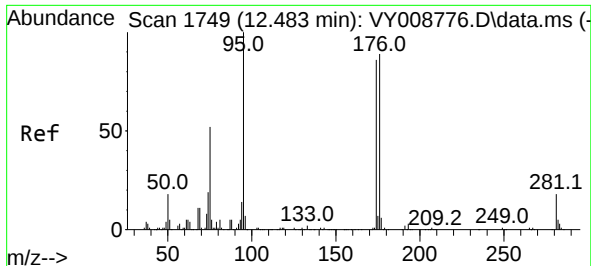
Tgt Ion:117 Resp: 12313
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 98 Resp: 286513
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

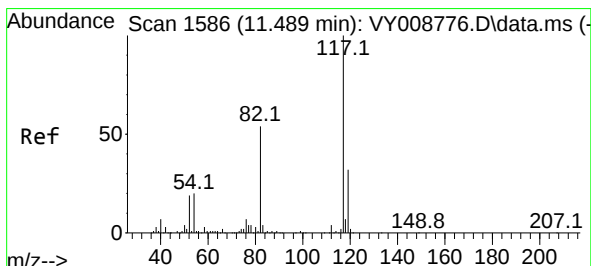
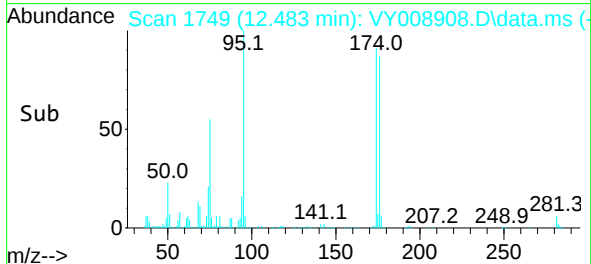
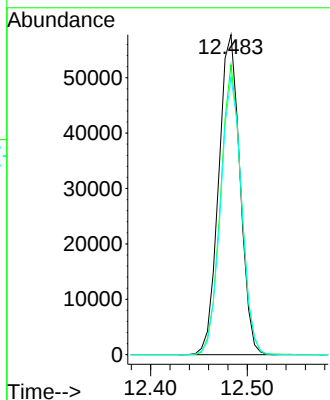
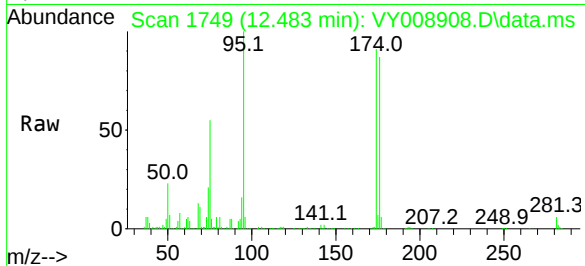




#62
4-Bromofluorobenzene
Concen: 42.643 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

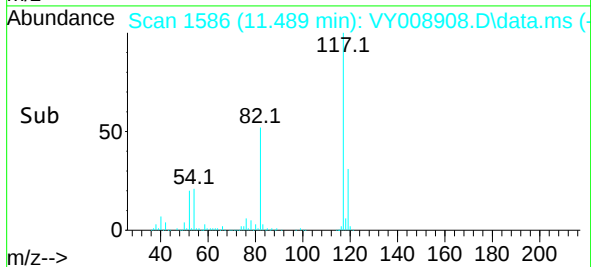
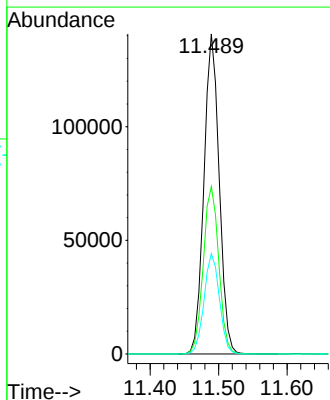
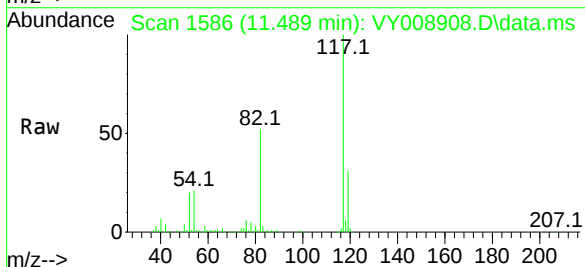
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0612-01

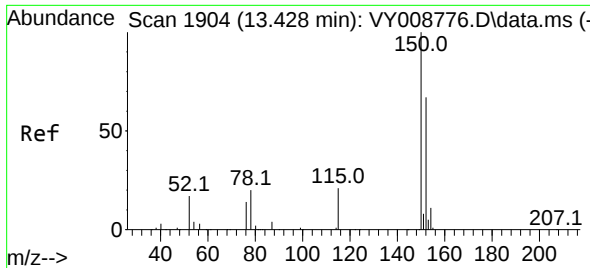
Tgt Ion: 95 Resp: 88274
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 85.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008908.D
Acq: 20 May 2022 08:06

Tgt Ion: 117 Resp: 218251
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.3 25.4 38.0

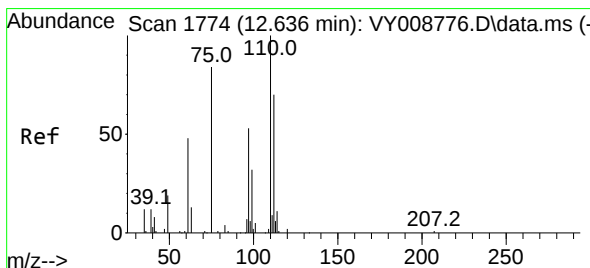
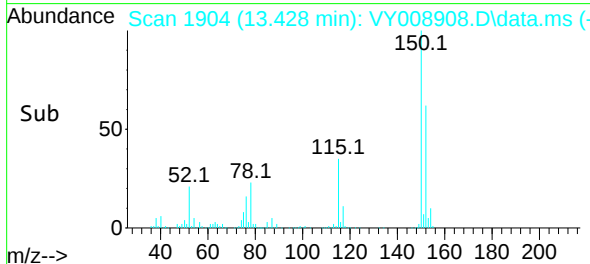
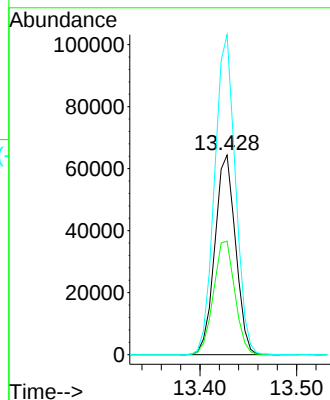
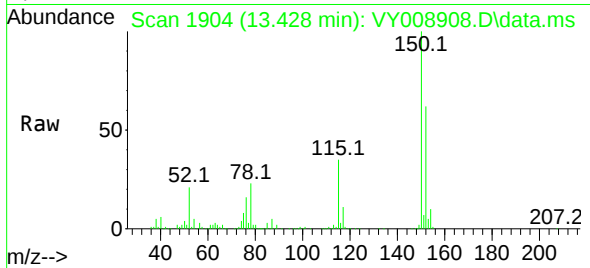




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008908.D
 Acq: 20 May 2022 08:06

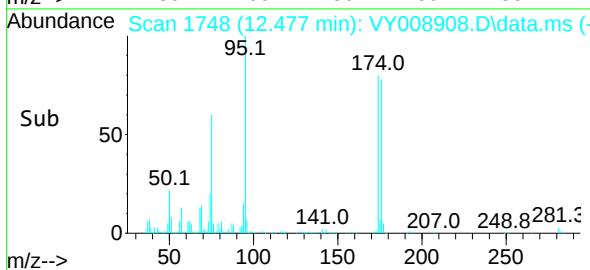
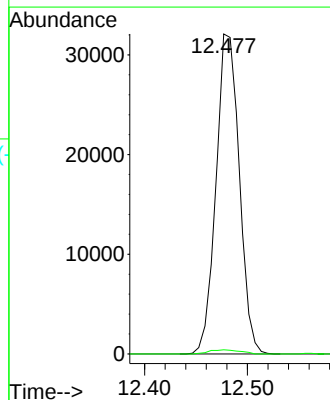
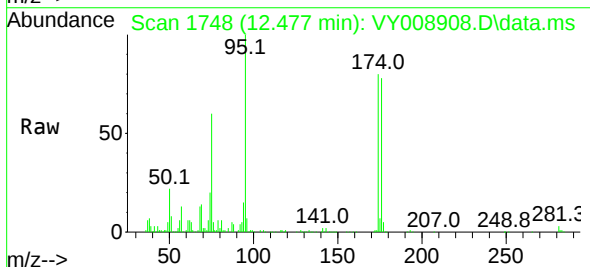
Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-0612-01

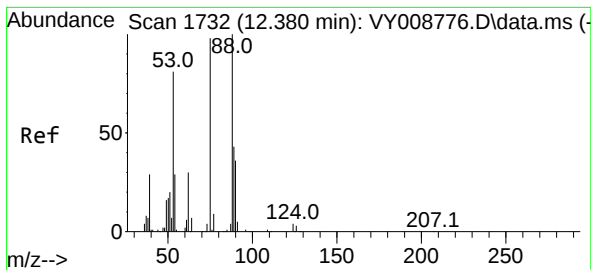
Tgt Ion:152 Resp: 95677
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 160.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.629 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY008908.D
 Acq: 20 May 2022 08:06

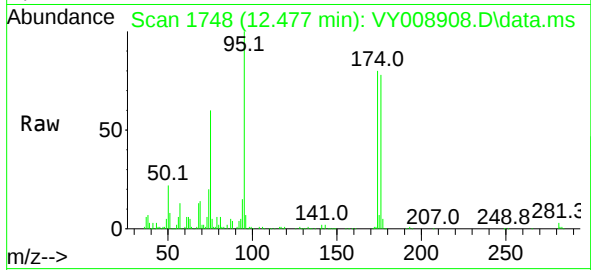
Tgt Ion: 75 Resp: 50429
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.803 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008908.D
 Acq: 20 May 2022 08:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-0612-01



Tgt Ion: 75 Resp: 50429
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

