

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008879.D
 Acq On : 19 May 2022 19:42
 Operator : KP/MD
 Sample : N2869-03
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS002-0006-01

Quant Time: May 20 02:54:11 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)

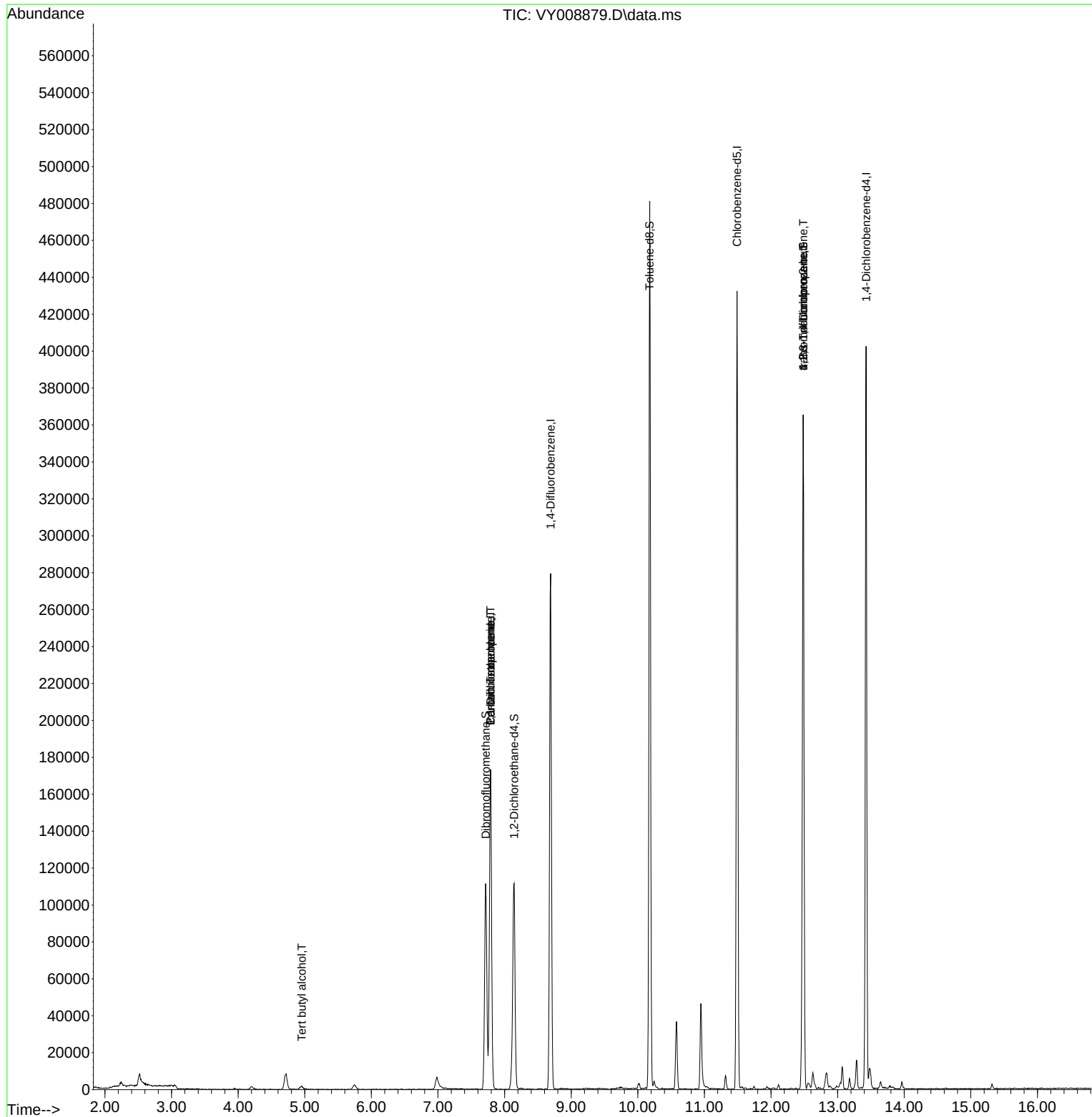
Internal Standards						
1) Pentafluorobenzene	7.789	168	132020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81557	66.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.180%
35) Dibromofluoromethane	7.716	113	75707	55.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.179	98	299001	49.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.483	95	88463	41.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	105	Below Cal	#	44
4) Vinyl Chloride	2.241	62	29	Below Cal	#	43
5) Bromomethane	2.686	94	23	Below Cal	#	4
6) Chloroethane	2.802	64	91	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	3056	22.577	ug/l #	91
16) Acetone	3.954	43	804	Below Cal		92
18) Methyl Acetate	4.546	43	52	Below Cal	#	56
20) Methylene Chloride	4.716	84	6097	Below Cal		88
31) Cyclohexane	7.789	56	3383	Below Cal	#	43
36) 1,1-Dichloropropene	7.789	75	11269	5.128	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12974	5.509	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	49868	45.087	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49868	98.618	ug/l #	7

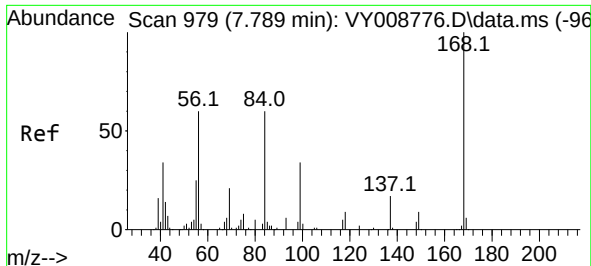
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
Data File : VY008879.D
Acq On : 19 May 2022 19:42
Operator : KP/MD
Sample : N2869-03
Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

Quant Time: May 20 02:54:11 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

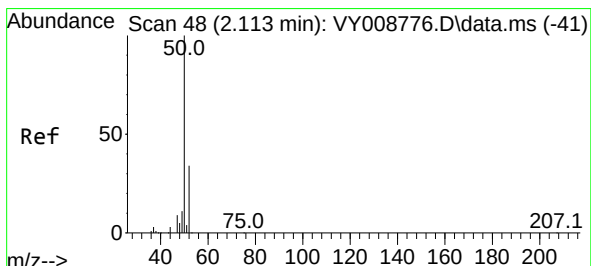
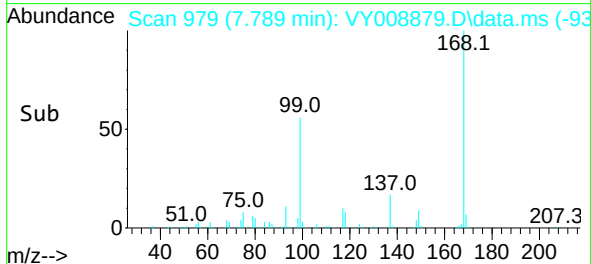
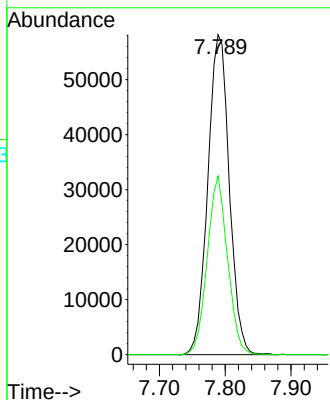
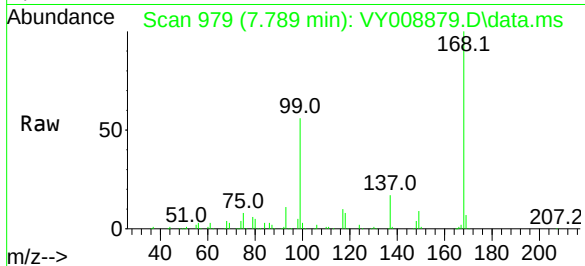




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

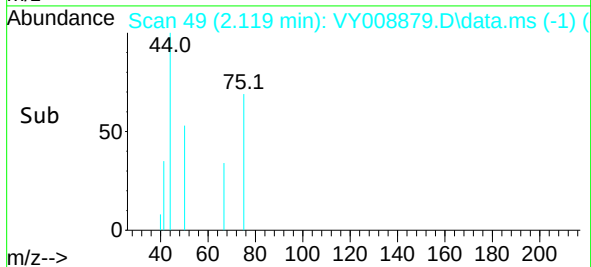
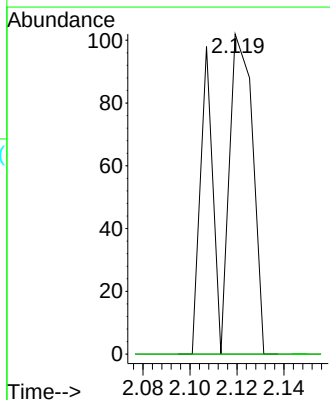
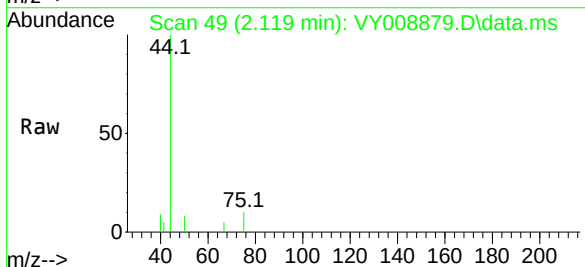
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

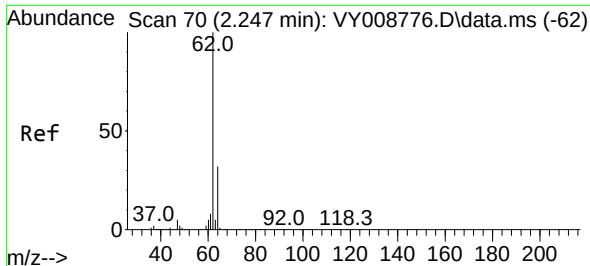
Tgt Ion:168 Resp: 132020
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

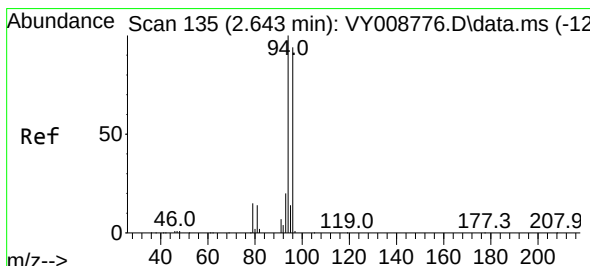
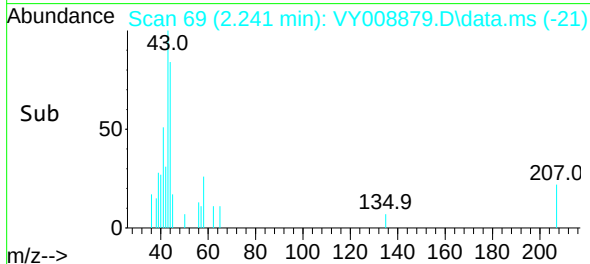
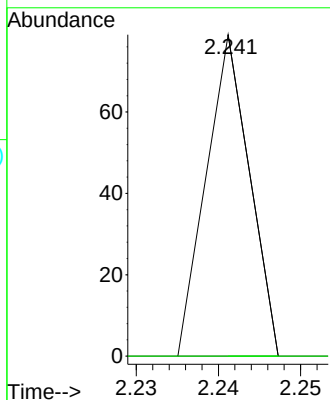
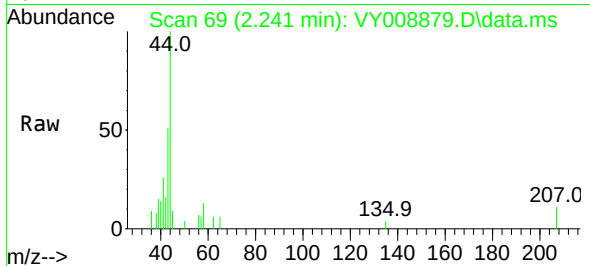




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.241 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY008879.D
 Acq: 19 May 2022 19:42

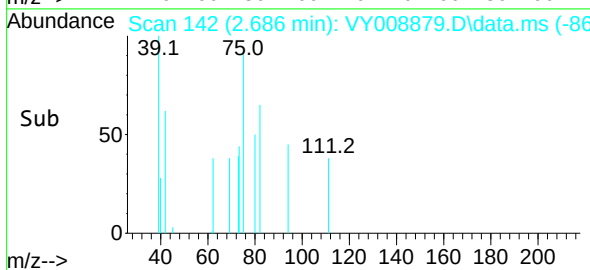
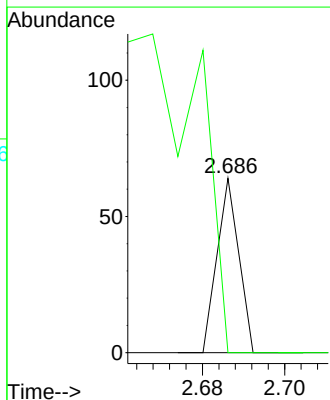
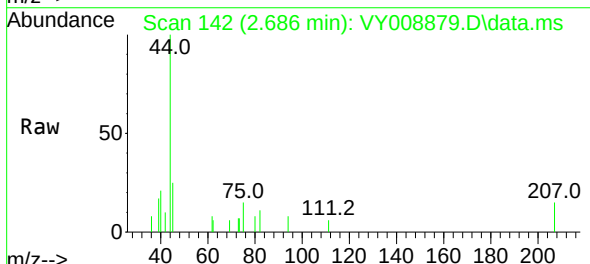
Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS002-0006-01

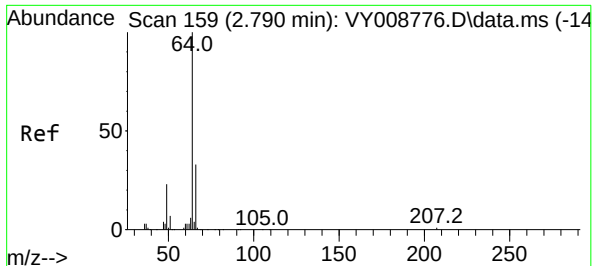
Tgt Ion: 62 Resp: 29
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.686 min Scan# 142
 Delta R.T. 0.043 min
 Lab File: VY008879.D
 Acq: 19 May 2022 19:42

Tgt Ion: 94 Resp: 23
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#

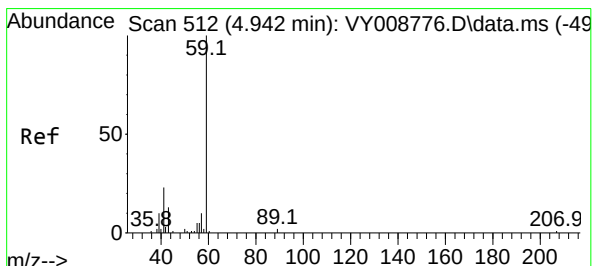
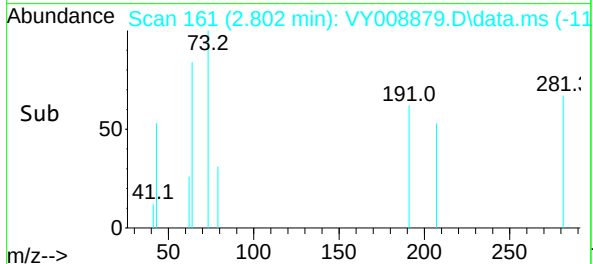
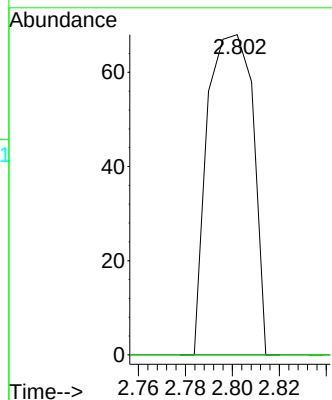
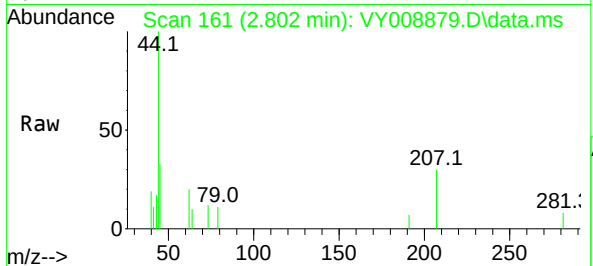




#6
Chloroethane
Concen: Below Cal
RT: 2.802 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

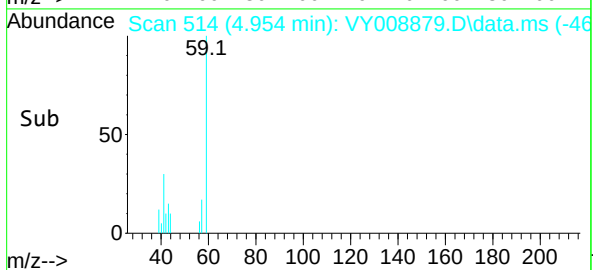
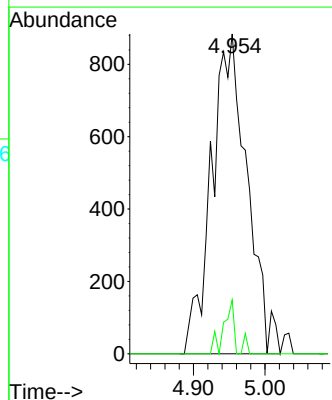
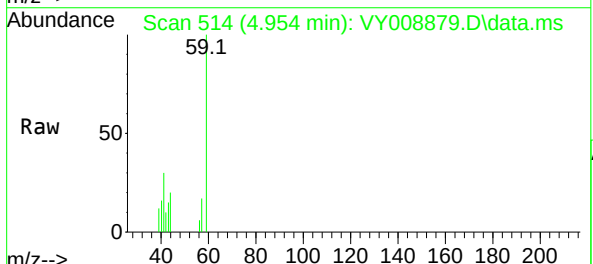
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

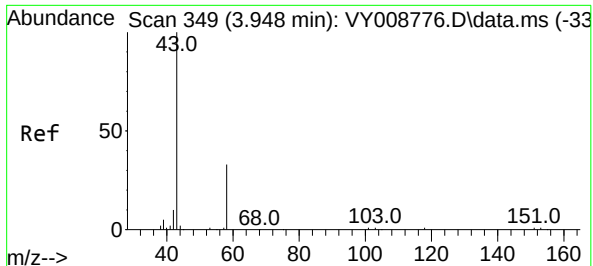
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 22.577 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 59 Resp: 3056
Ion Ratio Lower Upper
59 100
57 4.7 6.4 9.6#





#16

Acetone

Concen: Below Cal

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY008879.D

Acq: 19 May 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

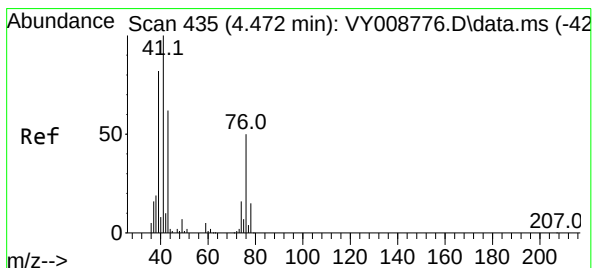
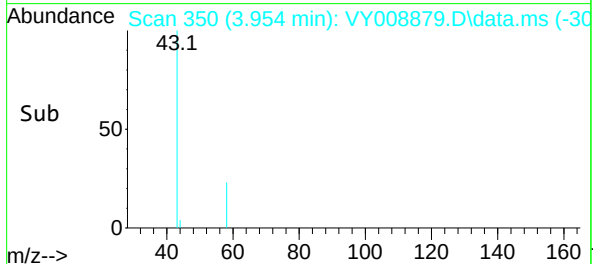
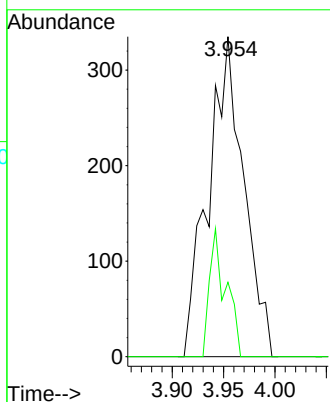
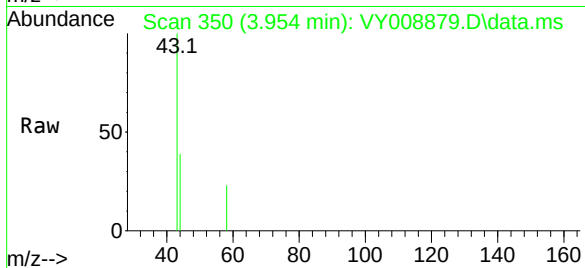
P027-SS002-0006-01

Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 23.3 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.546 min Scan# 447

Delta R.T. 0.074 min

Lab File: VY008879.D

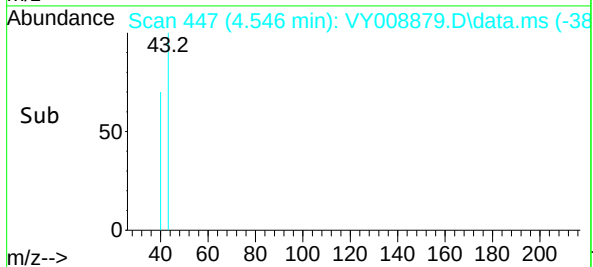
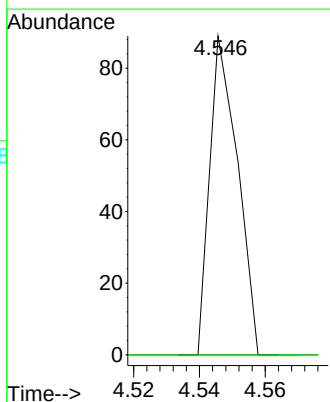
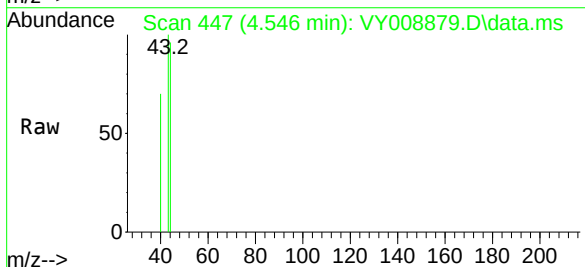
Acq: 19 May 2022 19:42

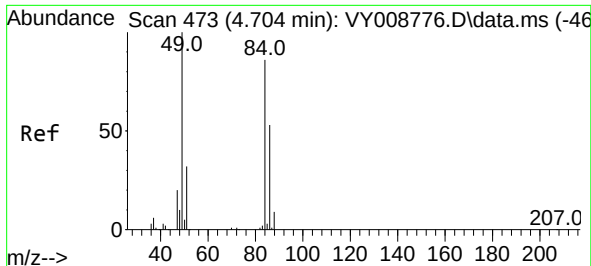
Tgt Ion: 43 Resp: 52

Ion Ratio Lower Upper

43 100

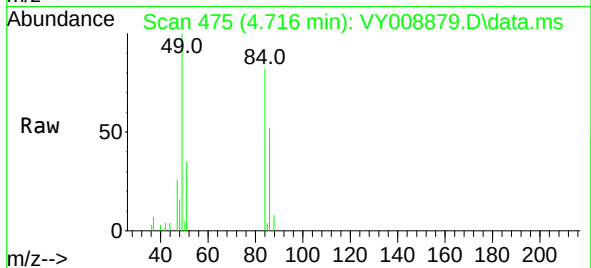
74 0.0 16.6 24.8#





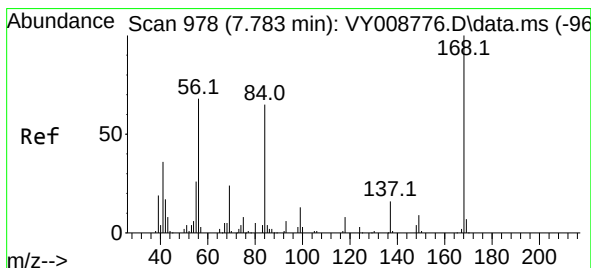
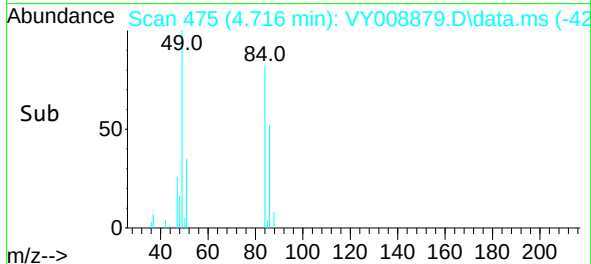
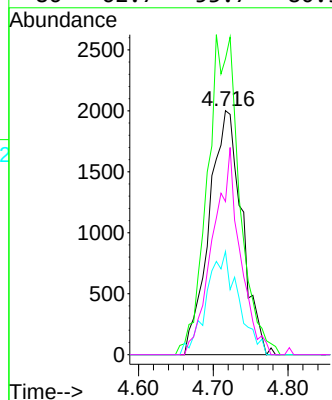
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01



Tgt Ion: 84 Resp: 6097

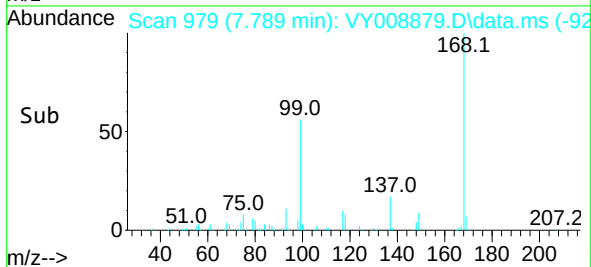
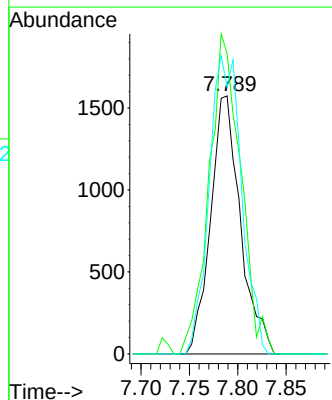
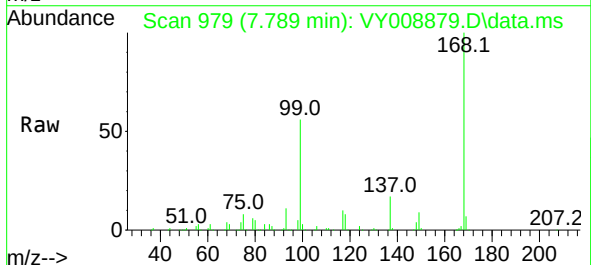
Ion	Ratio	Lower	Upper
84	100		
49	121.2	114.4	171.6
51	42.3	35.3	52.9
86	62.7	53.7	80.5

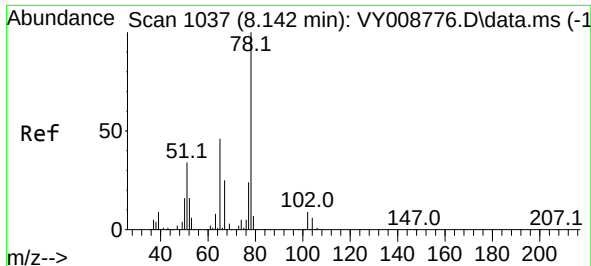


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 56 Resp: 3383

Ion	Ratio	Lower	Upper
56	100		
69	116.5	26.7	40.1#
84	103.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.590 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008879.D

Acq: 19 May 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

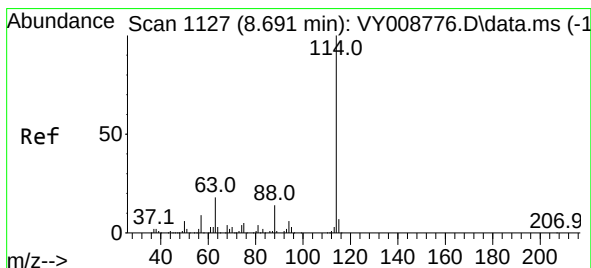
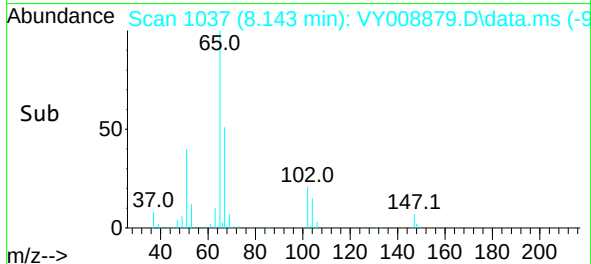
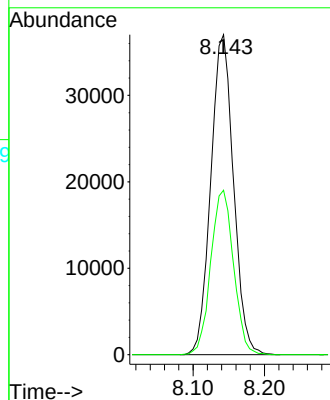
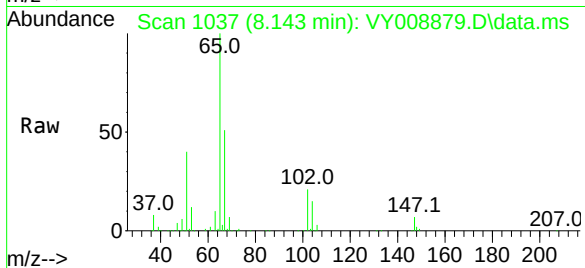
P027-SS002-0006-01

Tgt Ion: 65 Resp: 81557

Ion Ratio Lower Upper

65 100

67 51.6 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: VY008879.D

Acq: 19 May 2022 19:42

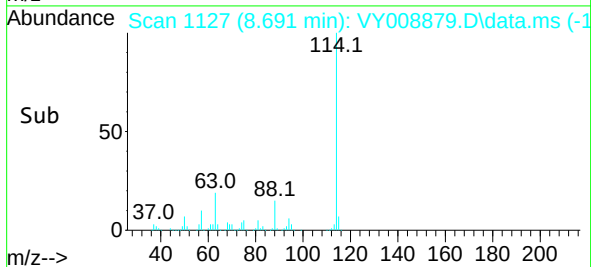
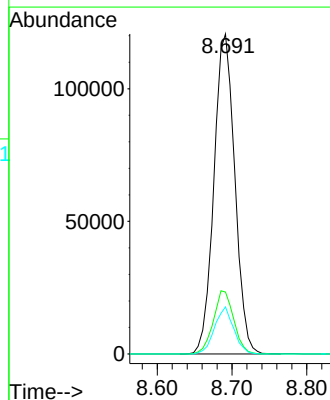
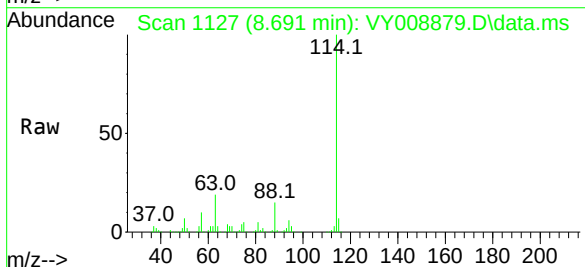
Tgt Ion: 114 Resp: 234817

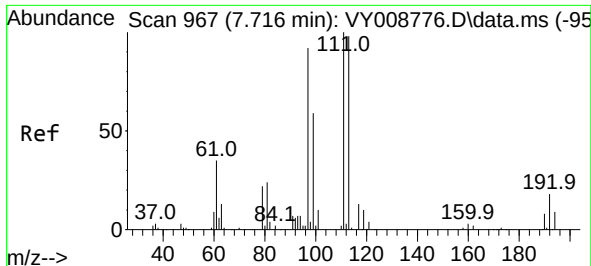
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

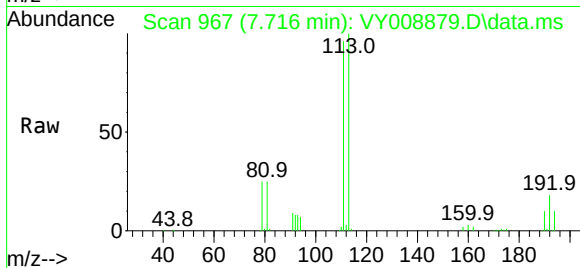
88 14.7 0.0 31.8



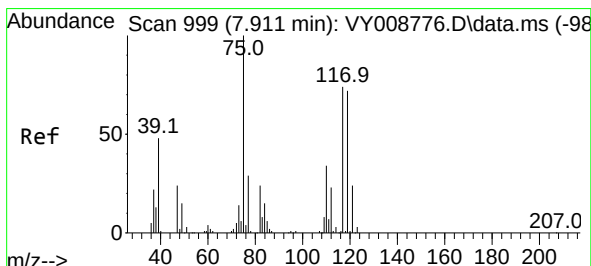
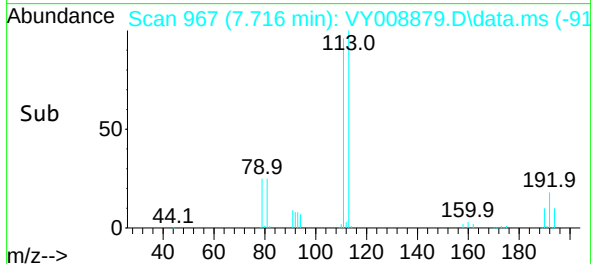
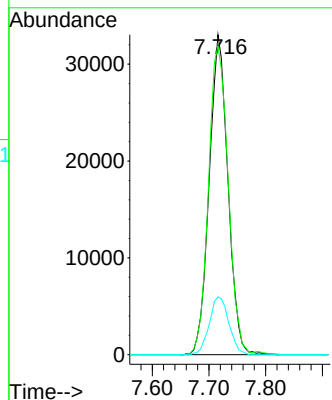


#35
Dibromofluoromethane
Concen: 55.181 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

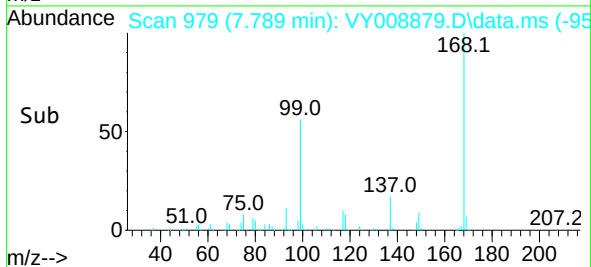
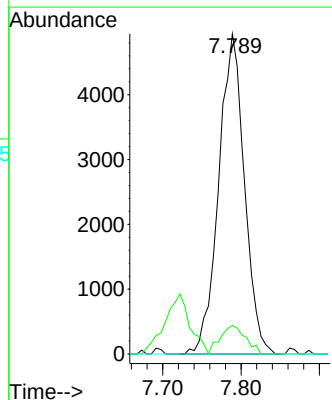
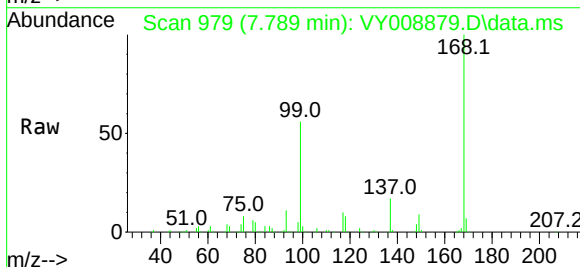


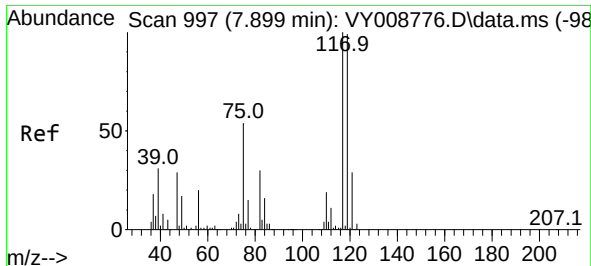
Tgt Ion:113 Resp: 75707
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.128 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

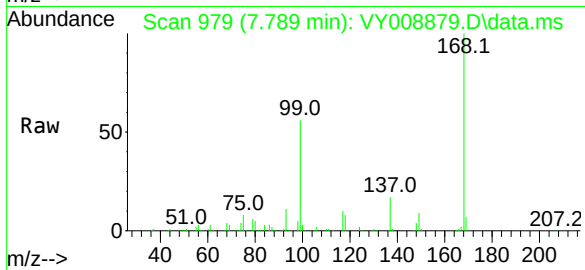
Tgt Ion: 75 Resp: 11269
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



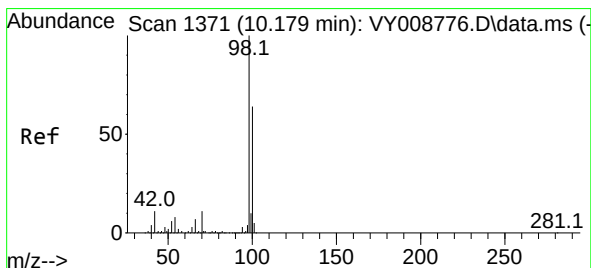
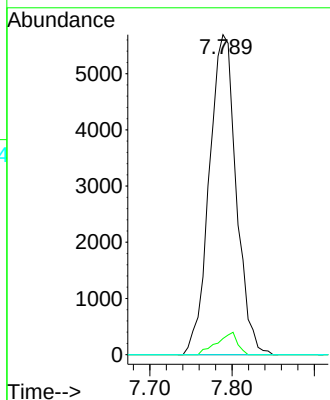
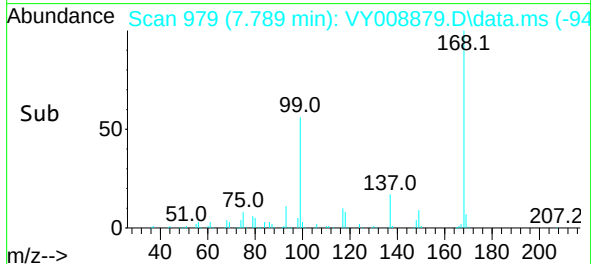


#38
Carbon Tetrachloride
Concen: 5.509 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

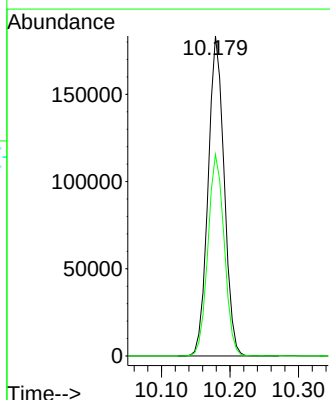
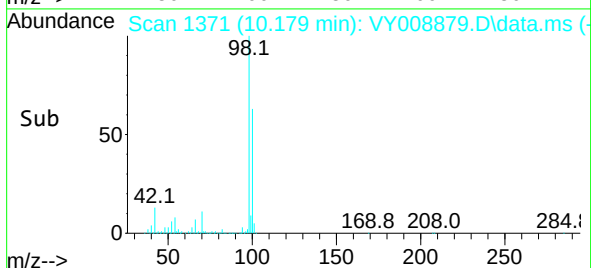
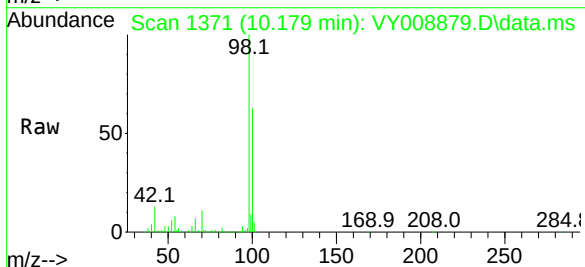


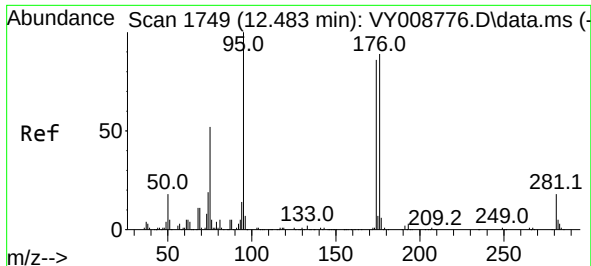
Tgt Ion:117 Resp: 12974
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 98 Resp: 299001
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

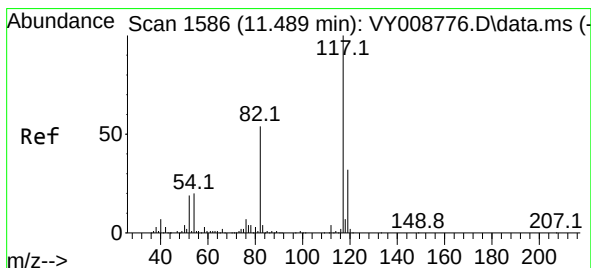
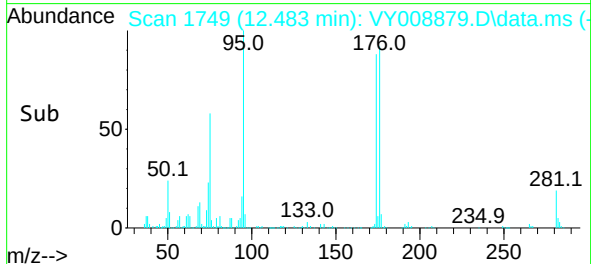
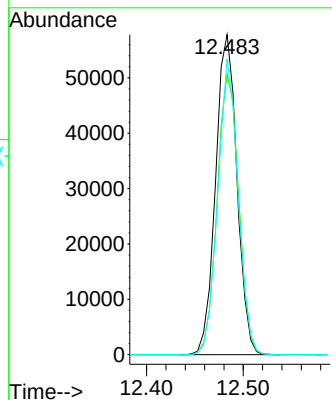
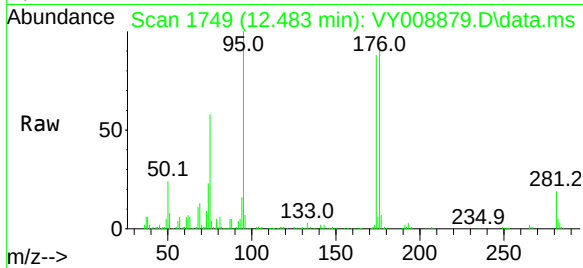




#62
4-Bromofluorobenzene
Concen: 41.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

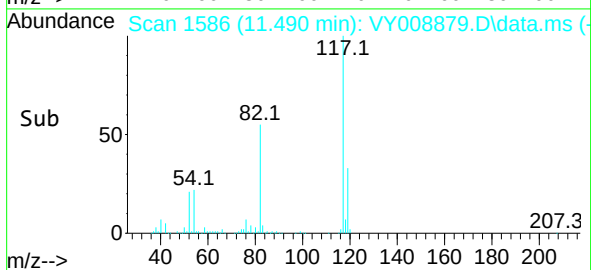
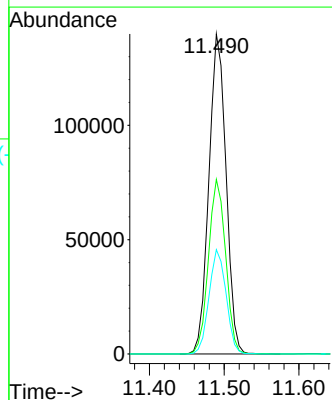
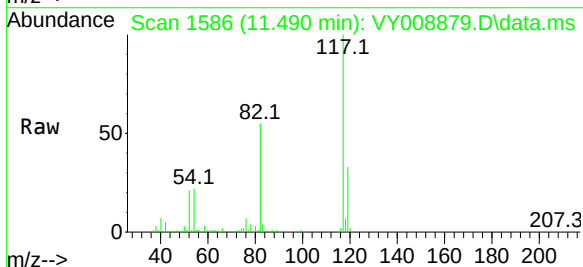
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS002-0006-01

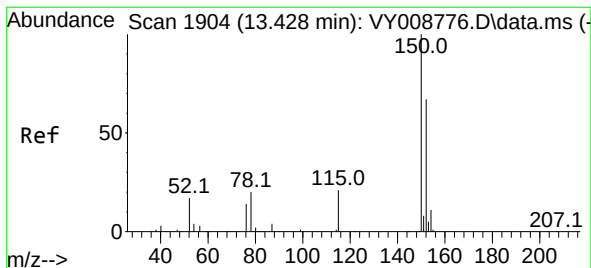
Tgt Ion: 95 Resp: 88463
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 87.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008879.D
Acq: 19 May 2022 19:42

Tgt Ion: 117 Resp: 223074
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.6 25.4 38.0

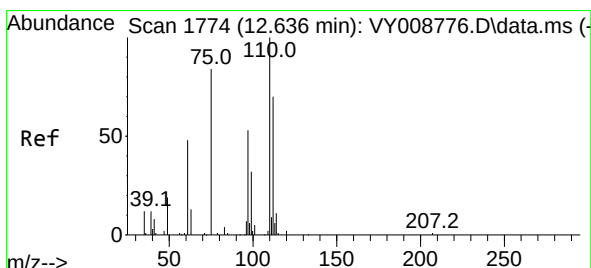
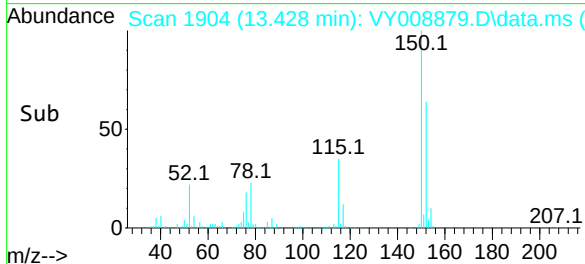
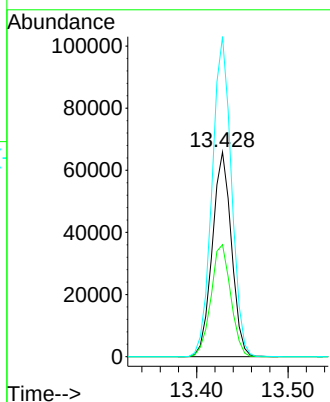
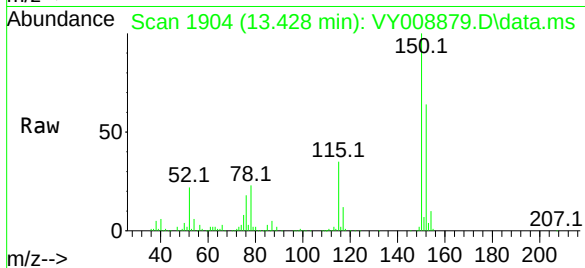




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008879.D
 Acq: 19 May 2022 19:42

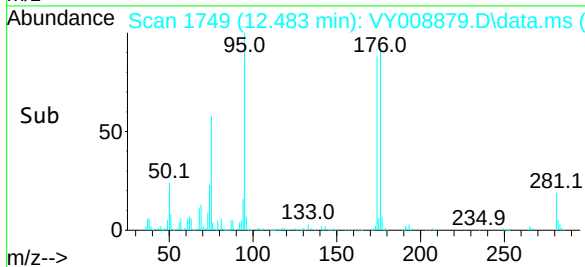
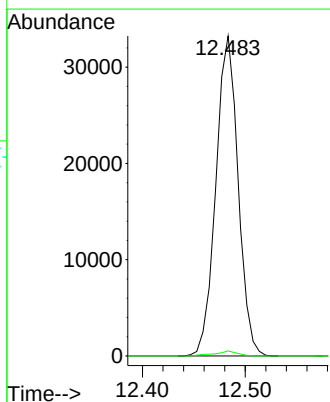
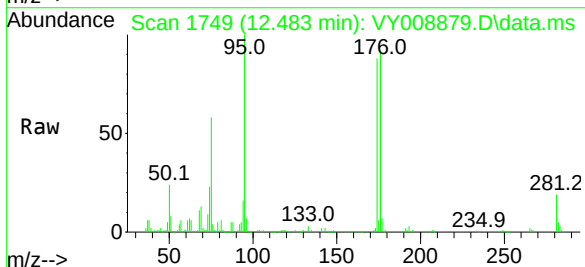
Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS002-0006-01

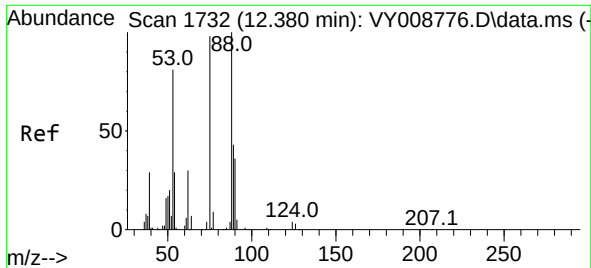
Tgt Ion:152 Resp: 95749
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 158.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.087 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008879.D
 Acq: 19 May 2022 19:42

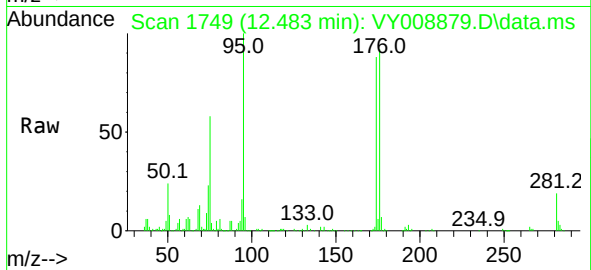
Tgt Ion: 75 Resp: 49868
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.618 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008879.D
 Acq: 19 May 2022 19:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS002-0006-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.3	37.0	55.4#

