

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008907.D
 Acq On : 20 May 2022 07:43
 Operator : KP/MD
 Sample : N2868-20
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-0006-01

Quant Time: May 20 08:23:07 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)

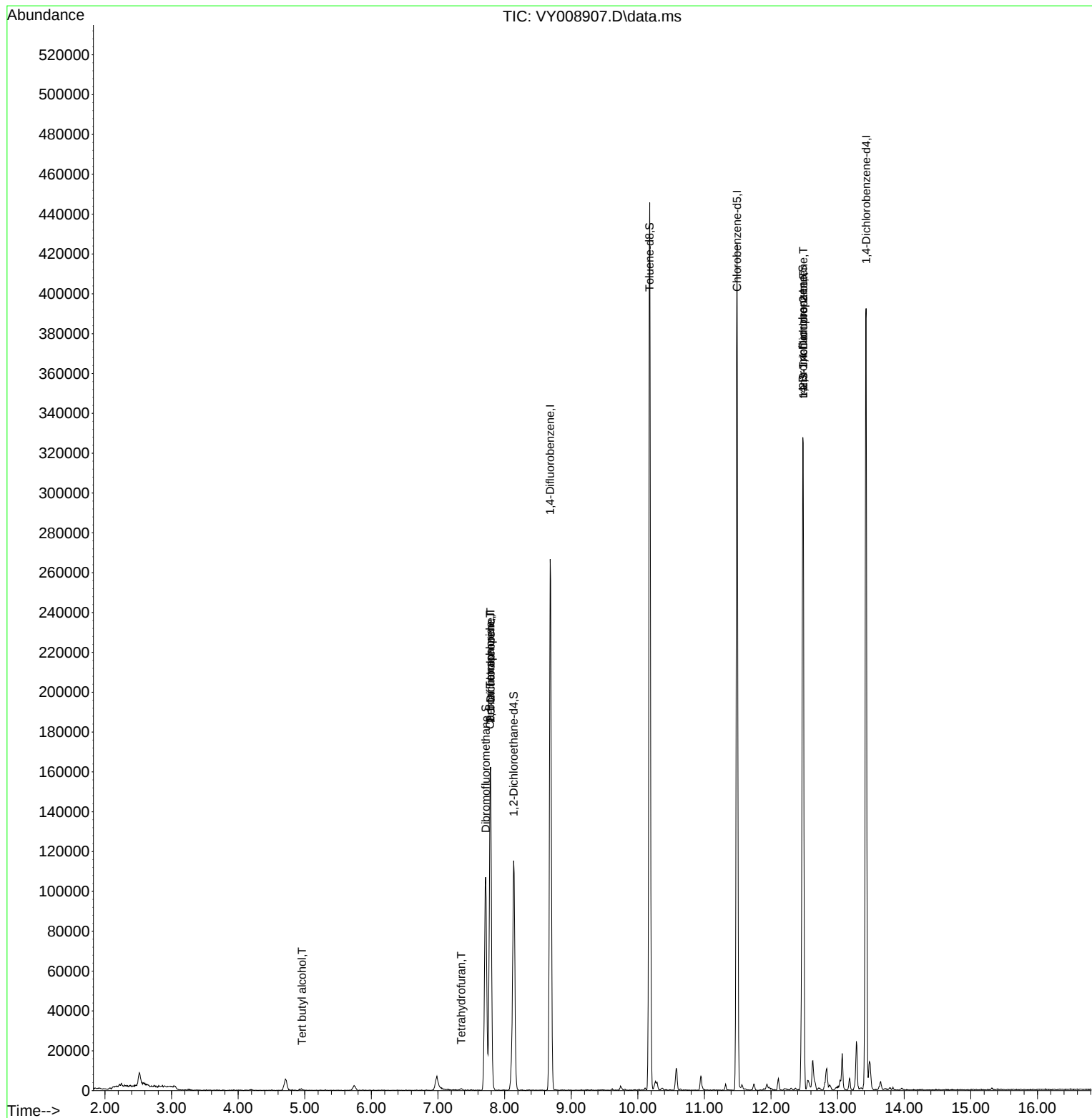
Internal Standards						
1) Pentafluorobenzene	7.789	168	123298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80933	70.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.520%			
35) Dibromofluoromethane	7.716	113	71583	55.227	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.460%			
50) Toluene-d8	10.179	98	281938	49.004	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.000%			
62) 4-Bromofluorobenzene	12.477	95	86576	42.659	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	420	Below Cal	#	85
3) Chloromethane	2.107	50	20	Below Cal	#	44
4) Vinyl Chloride	2.229	62	43	Below Cal	#	43
5) Bromomethane	2.643	94	22	Below Cal	#	4
6) Chloroethane	2.509	64	65	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	1482	11.723	ug/l #	77
16) Acetone	3.936	43	147	Below Cal	#	47
18) Methyl Acetate	4.710	43	23	Below Cal	#	56
20) Methylene Chloride	4.722	84	4069	Below Cal	#	70
29) Tetrahydrofuran	7.350	42	493	1.542	ug/l #	57
31) Cyclohexane	7.789	56	2939	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	10492	5.054	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12423	5.584	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48804	44.527	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48804	97.394	ug/l #	7

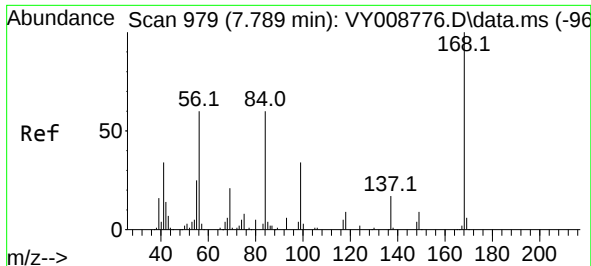
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
Data File : VY008907.D
Acq On : 20 May 2022 07:43
Operator : KP/MD
Sample : N2868-20
Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

Quant Time: May 20 08:23:07 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

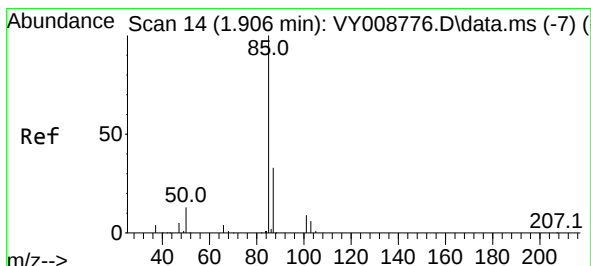
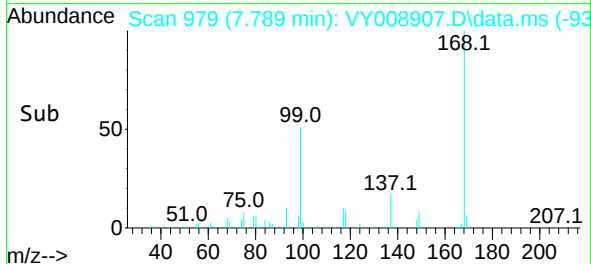
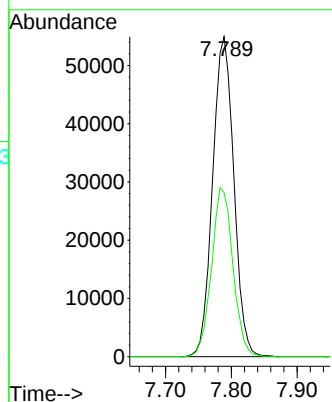
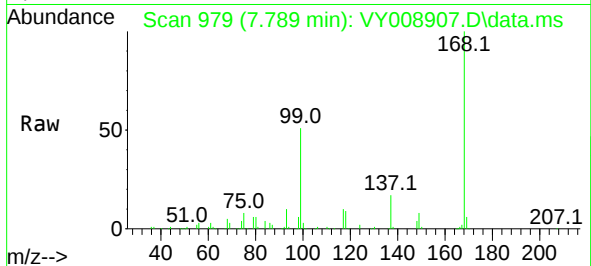




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

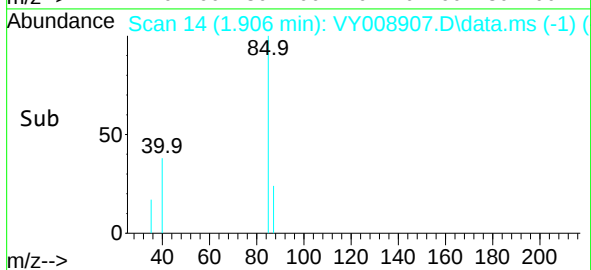
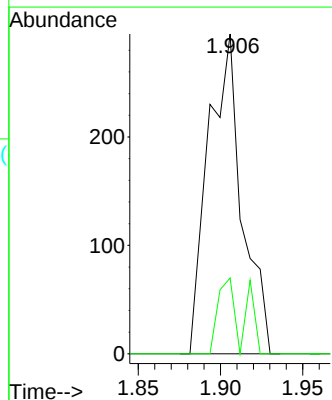
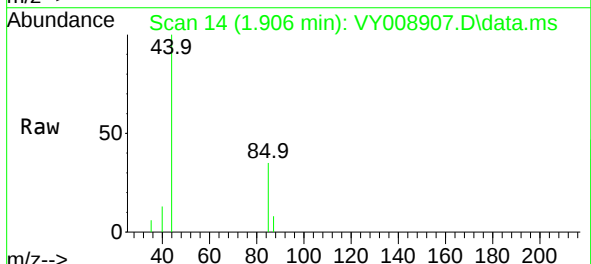
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

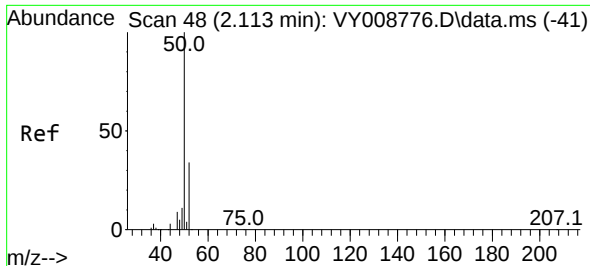
Tgt Ion:168 Resp: 123298
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 85 Resp: 420
Ion Ratio Lower Upper
85 100
87 23.7 16.1 48.2

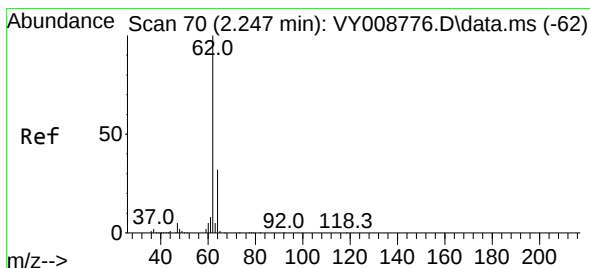
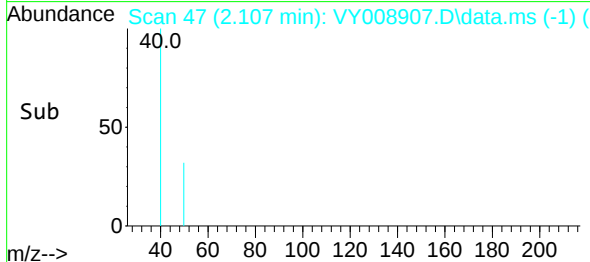
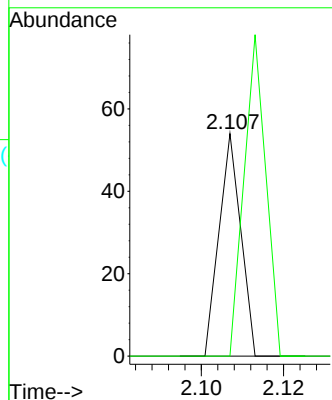
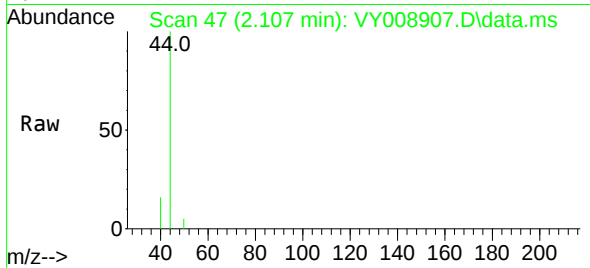




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

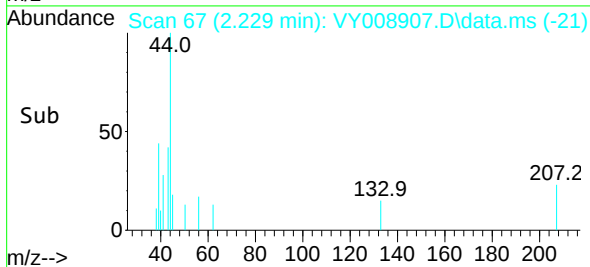
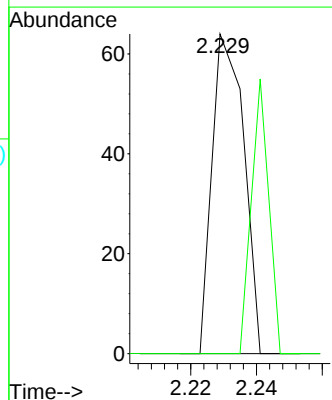
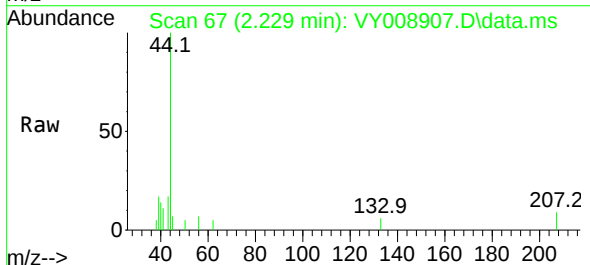
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

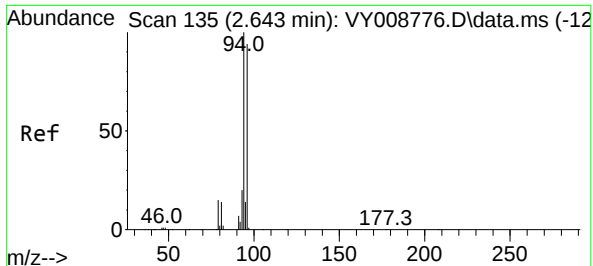
Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.229 min Scan# 67
Delta R.T. -0.018 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 62 Resp: 43
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

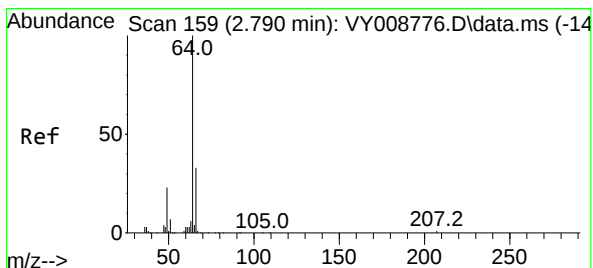
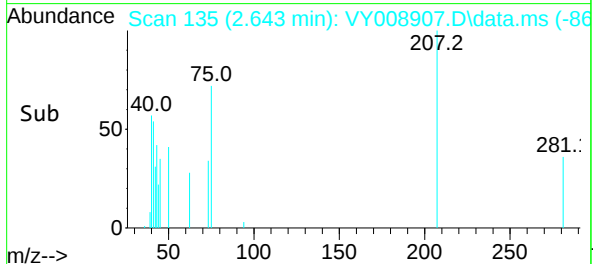
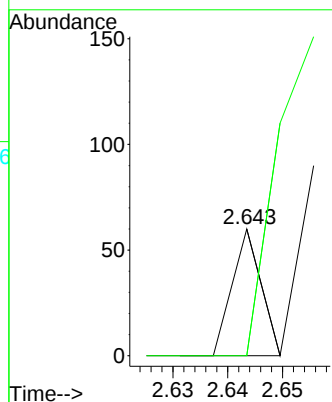
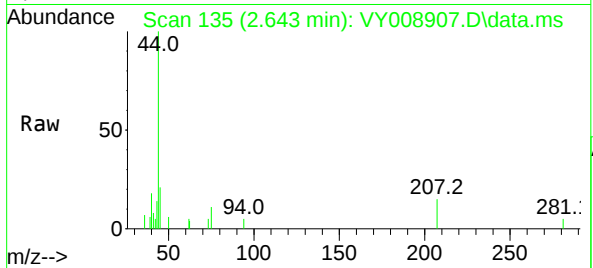




#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

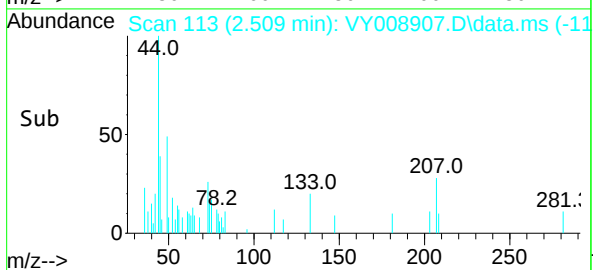
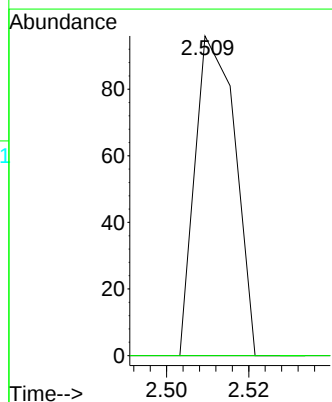
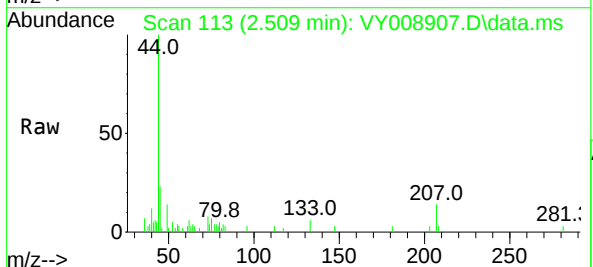
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

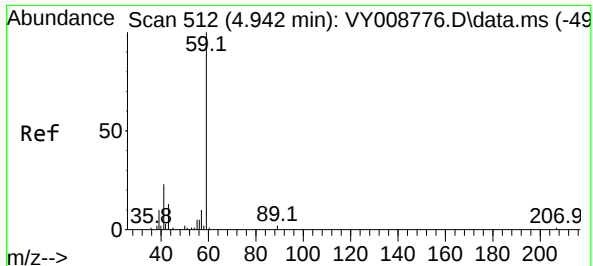
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.509 min Scan# 113
Delta R.T. -0.281 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#





#11

Tert butyl alcohol

Concen: 11.723 ug/l

RT: 4.960 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY008907.D

Acq: 20 May 2022 07:43

Instrument :

MSVOA_Y

ClientSampleId :

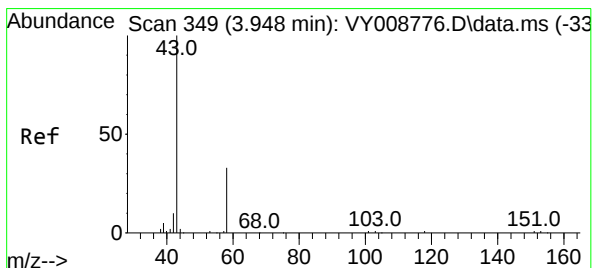
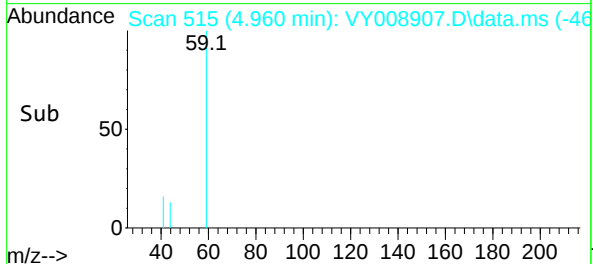
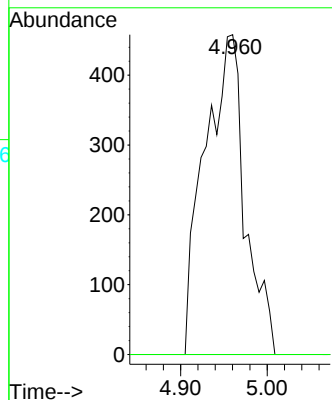
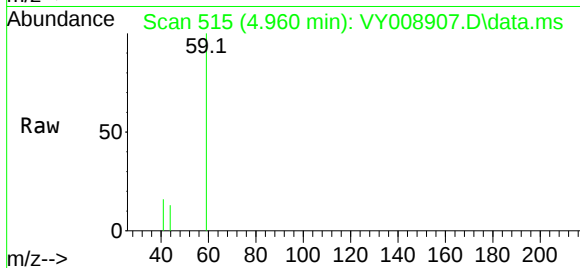
P027-SS001-0006-01

Tgt Ion: 59 Resp: 1482

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: Below Cal

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY008907.D

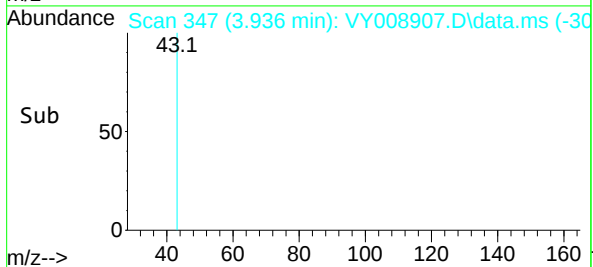
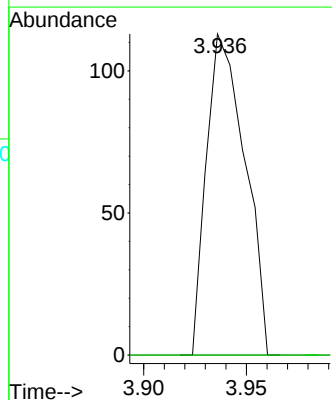
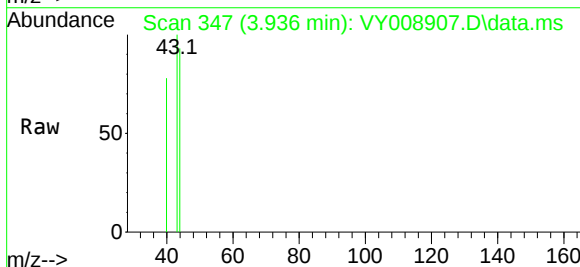
Acq: 20 May 2022 07:43

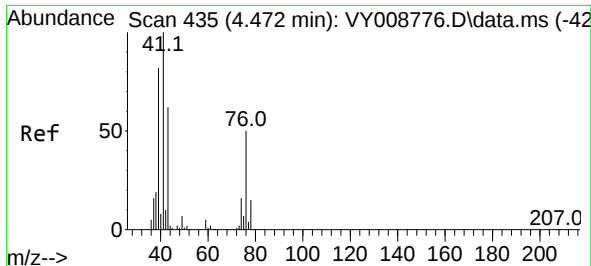
Tgt Ion: 43 Resp: 147

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

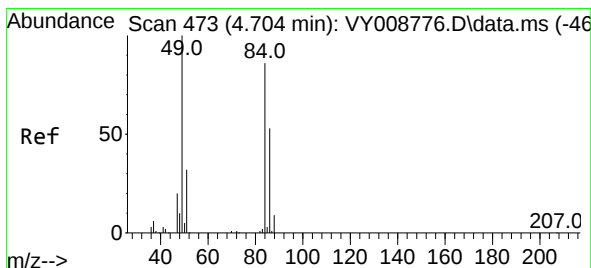
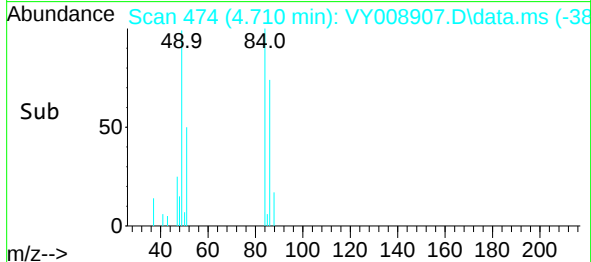
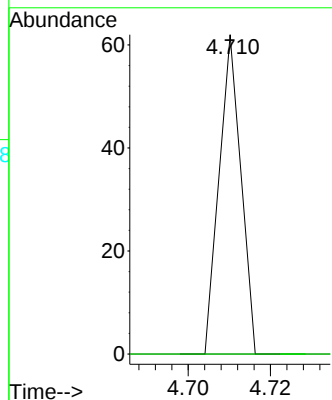
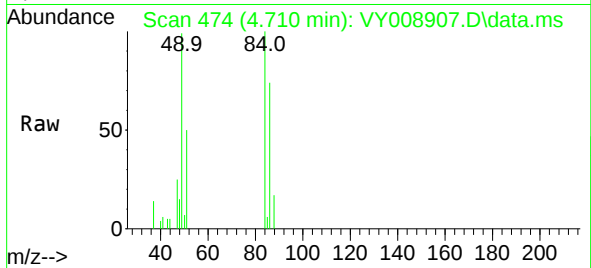




#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.238 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

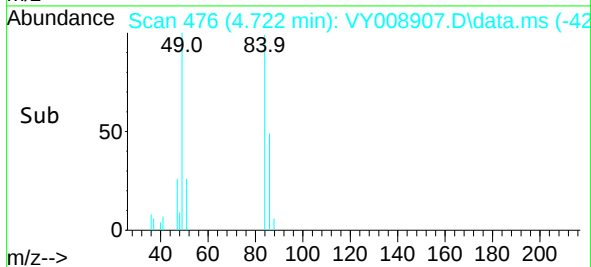
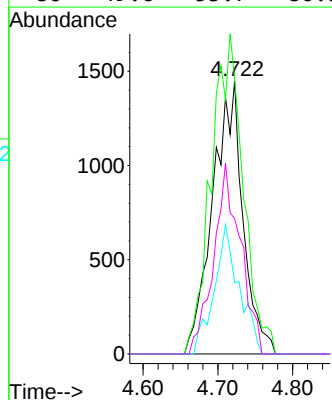
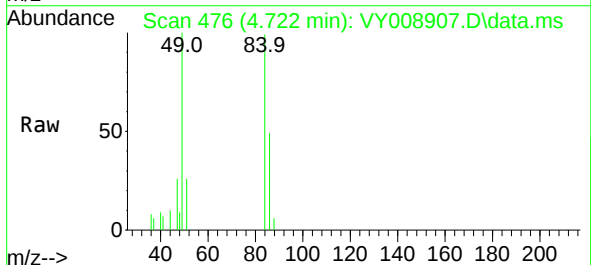
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

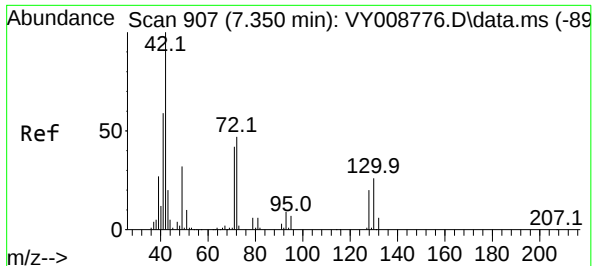
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 84 Resp: 4069
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 26.2 35.3 52.9#
86 49.6 53.7 80.5#





#29

Tetrahydrofuran

Concen: 1.542 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY008907.D

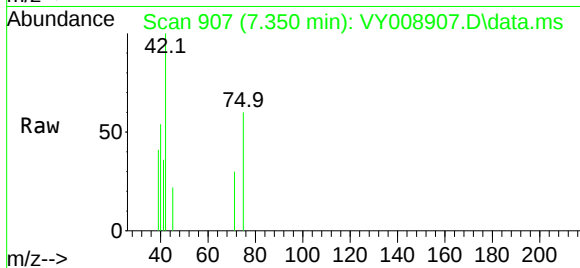
Acq: 20 May 2022 07:43

Instrument :

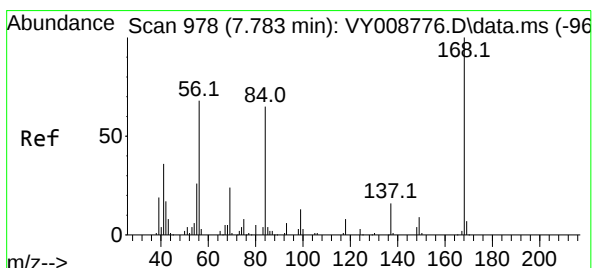
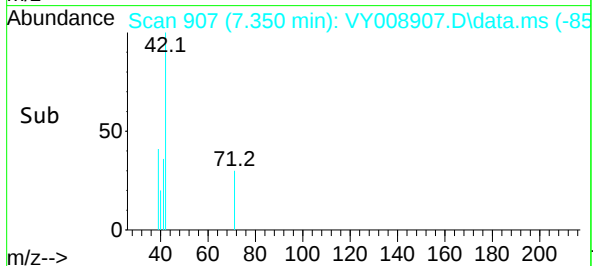
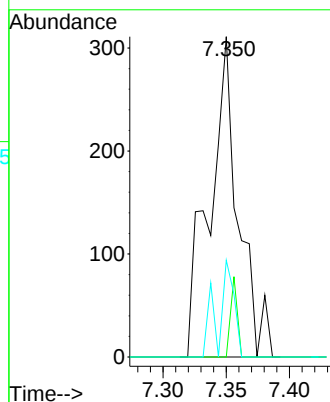
MSVOA_Y

ClientSampleId :

P027-SS001-0006-01



Tgt Ion:	42	Resp:	493
Ion	Ratio	Lower	Upper
42	100		
72	5.9	30.3	45.5#
71	16.8	29.0	43.4#



#31

Cyclohexane

Concen: Below Cal

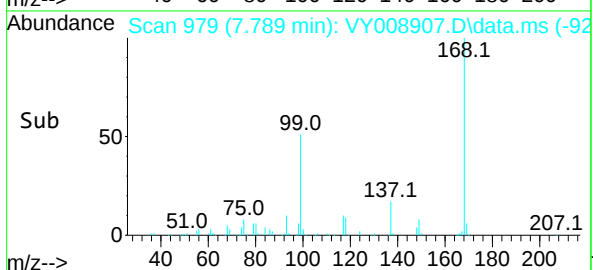
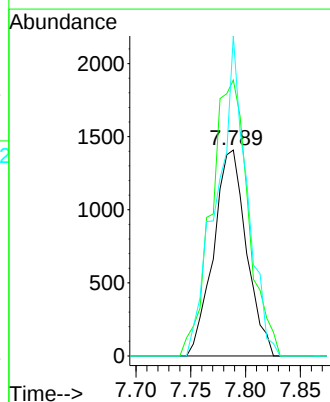
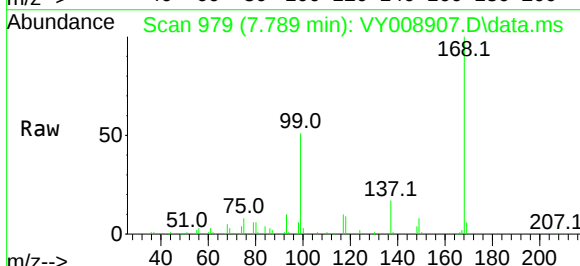
RT: 7.789 min Scan# 979

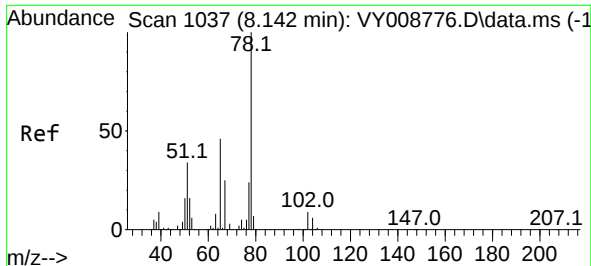
Delta R.T. 0.006 min

Lab File: VY008907.D

Acq: 20 May 2022 07:43

Tgt Ion:	56	Resp:	2939
Ion	Ratio	Lower	Upper
56	100		
69	134.0	26.7	40.1#
84	155.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 70.755 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008907.D

Acq: 20 May 2022 07:43

Instrument :

MSVOA_Y

ClientSampleId :

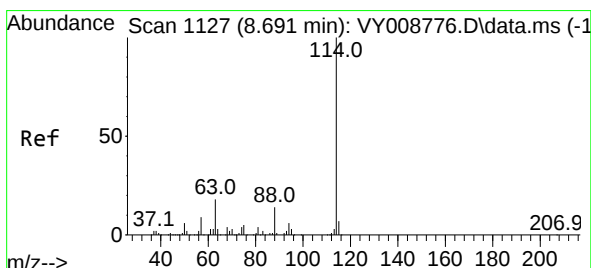
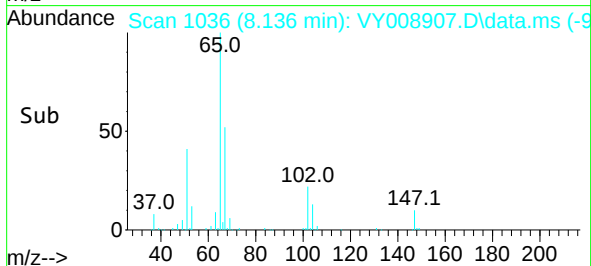
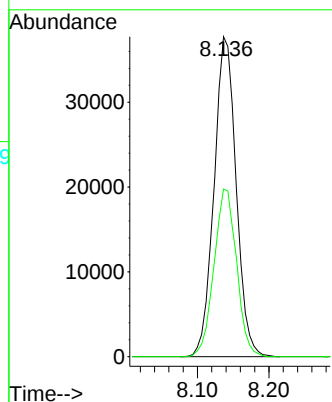
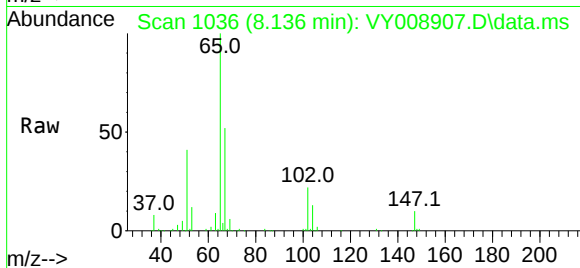
P027-SS001-0006-01

Tgt Ion: 65 Resp: 80933

Ion Ratio Lower Upper

65 100

67 53.5 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: VY008907.D

Acq: 20 May 2022 07:43

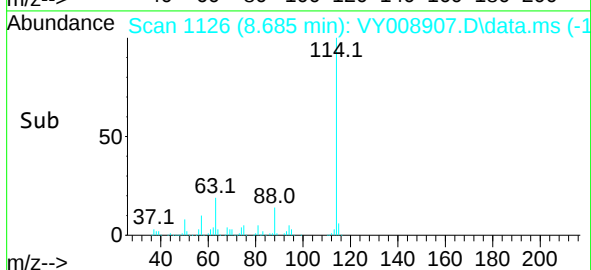
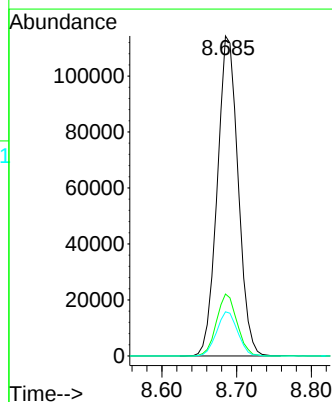
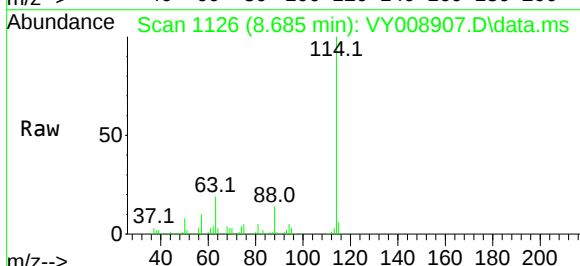
Tgt Ion: 114 Resp: 221838

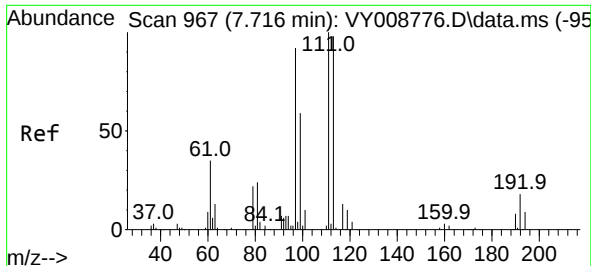
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.8 0.0 31.8

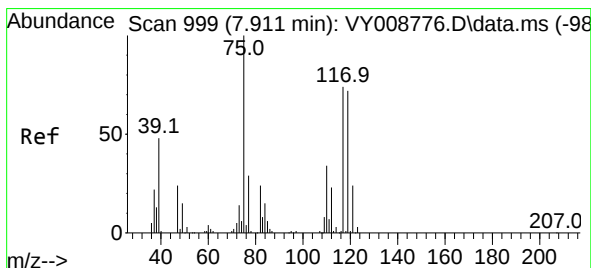
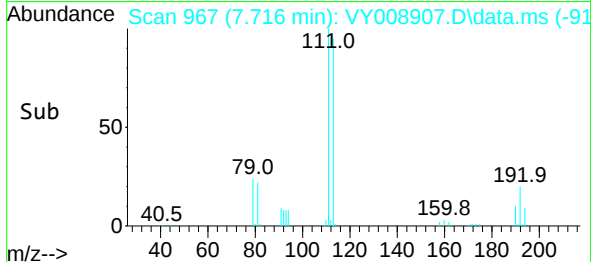
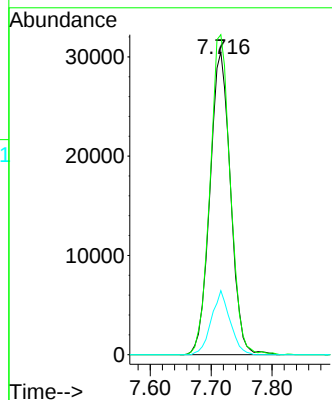
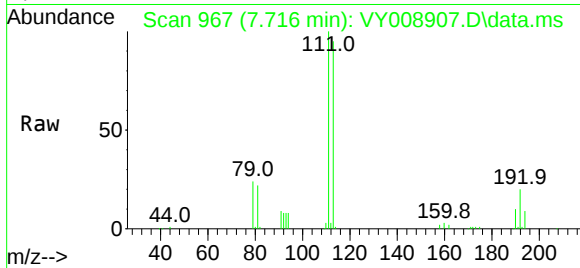




#35
Dibromofluoromethane
Concen: 55.227 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

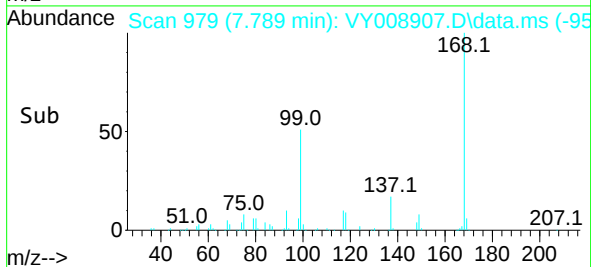
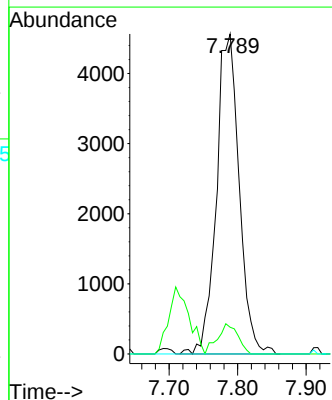
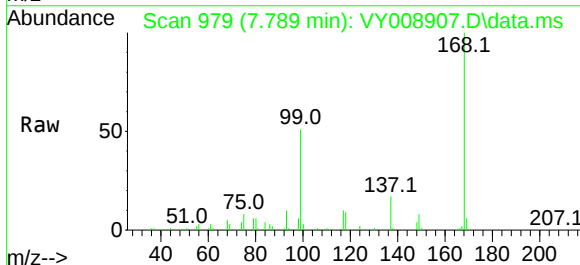
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

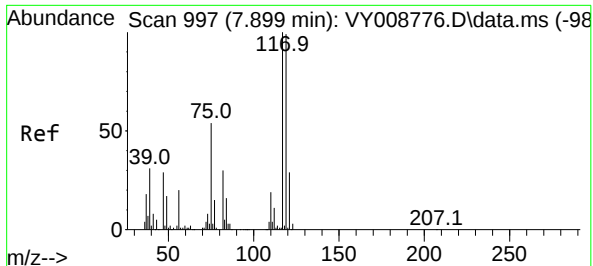
Tgt Ion:113 Resp: 71583
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 75 Resp: 10492
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

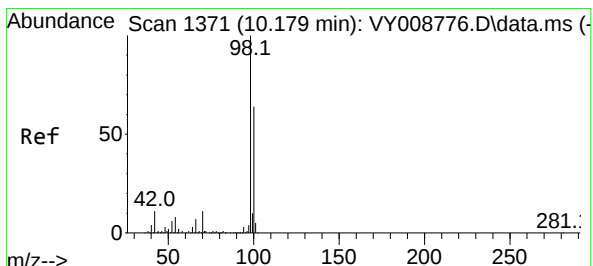
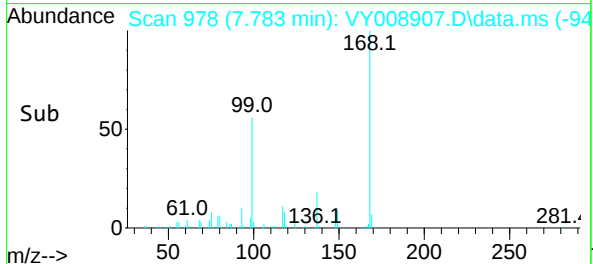
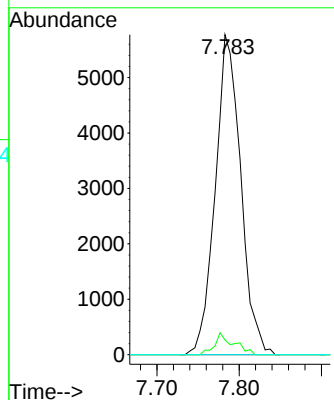
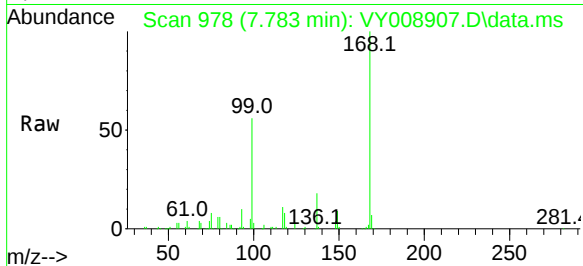




#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

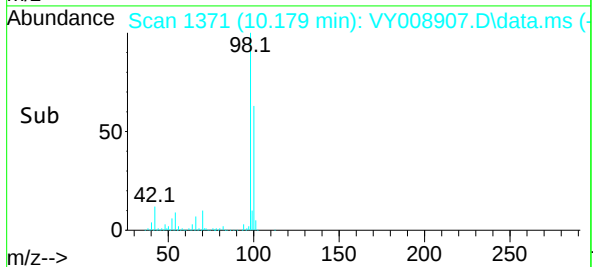
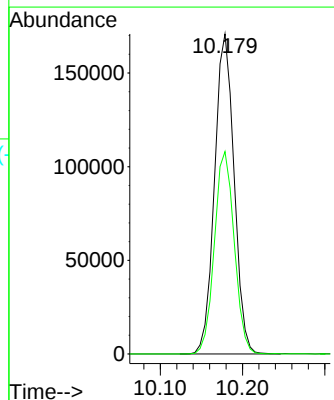
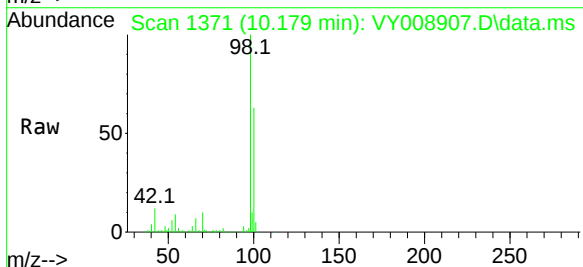
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

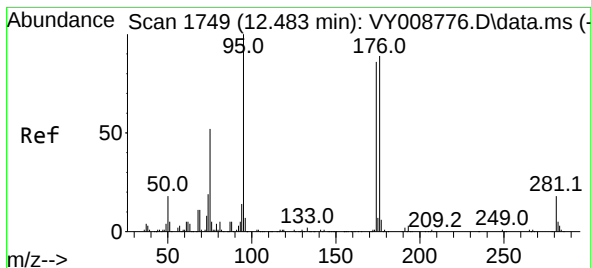
Tgt Ion:117 Resp: 12423
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 98 Resp: 281938
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

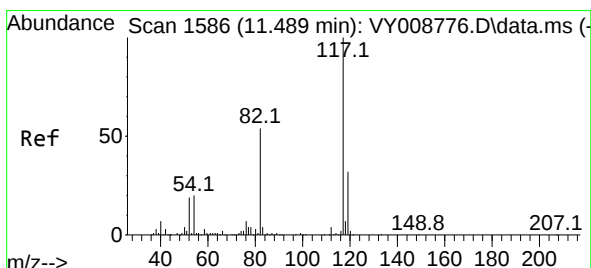
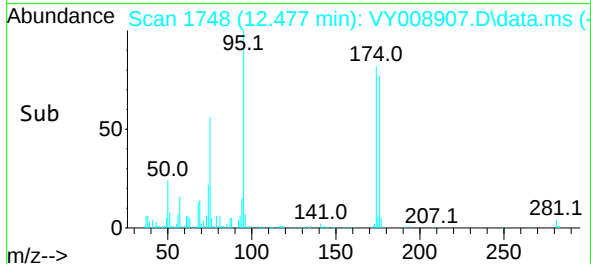
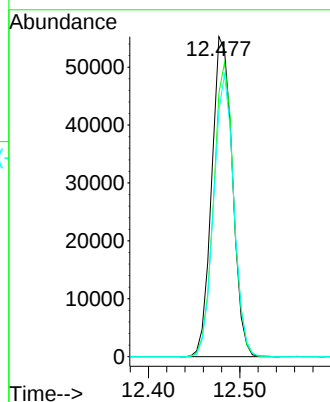
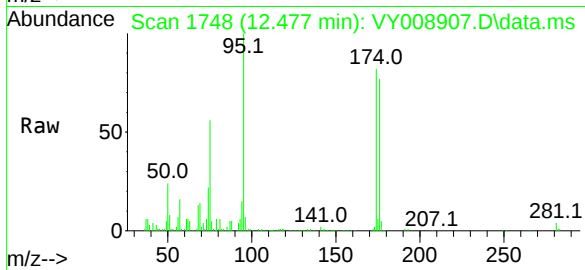




#62
4-Bromofluorobenzene
Concen: 42.659 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

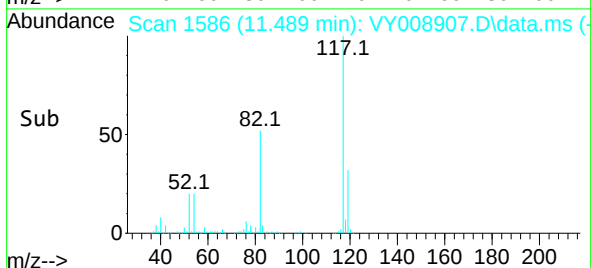
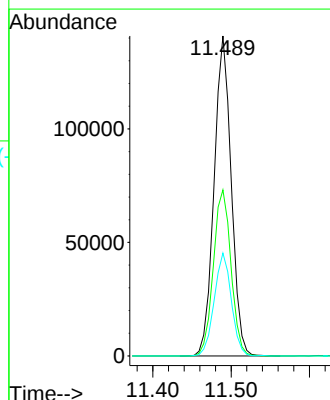
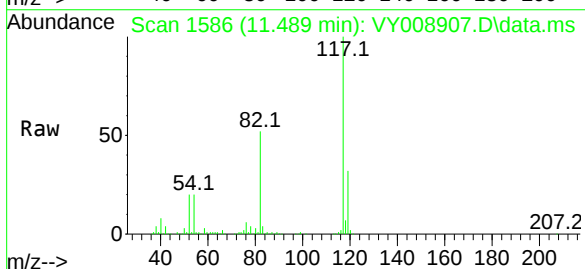
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS001-0006-01

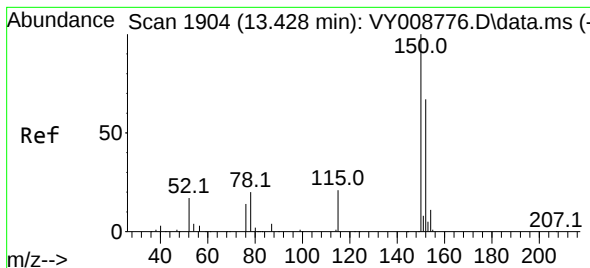
Tgt Ion: 95 Resp: 86576
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 85.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008907.D
Acq: 20 May 2022 07:43

Tgt Ion: 117 Resp: 214009
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.1 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: VY008907.D

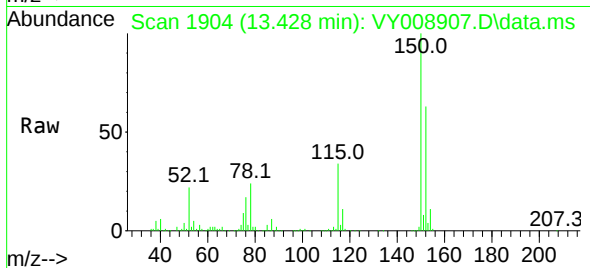
Acq: 20 May 2022 07:43

Instrument :

MSVOA_Y

ClientSampleId :

P027-SS001-0006-01



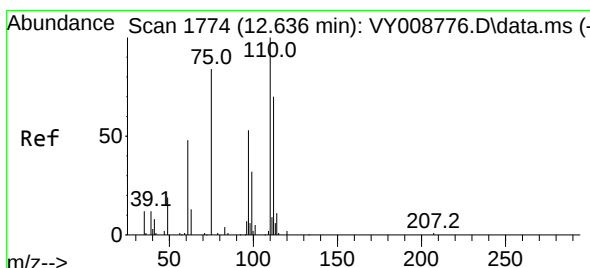
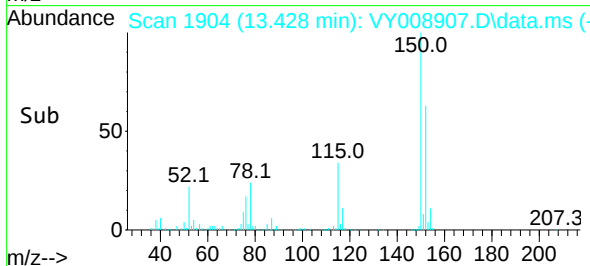
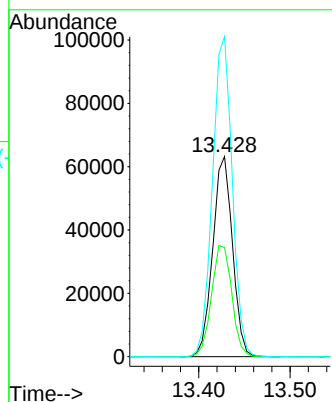
Tgt Ion:152 Resp: 94884

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 159.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 44.527 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008907.D

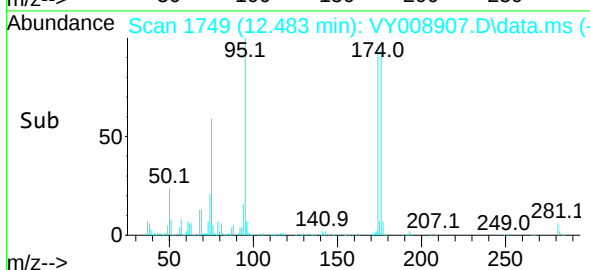
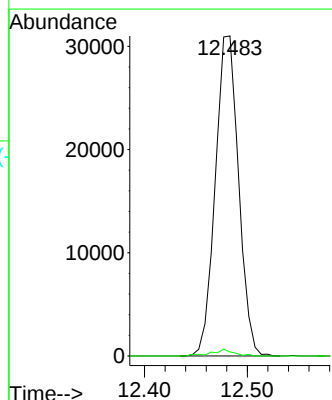
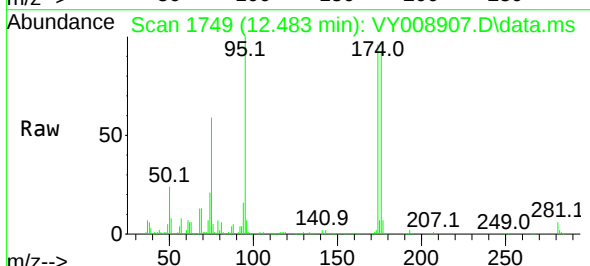
Acq: 20 May 2022 07:43

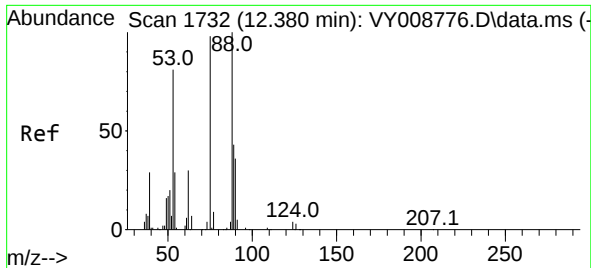
Tgt Ion: 75 Resp: 48804

Ion Ratio Lower Upper

75 100

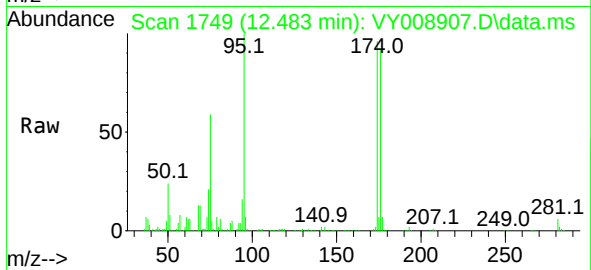
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.394 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008907.D
 Acq: 20 May 2022 07:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS001-0006-01



Tgt Ion: 75 Resp: 48804
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

