

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008850.D
 Acq On : 19 May 2022 06:06
 Operator : KP/MD
 Sample : N2868-03
 Misc : 4.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01

Quant Time: May 19 06:57:47 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)

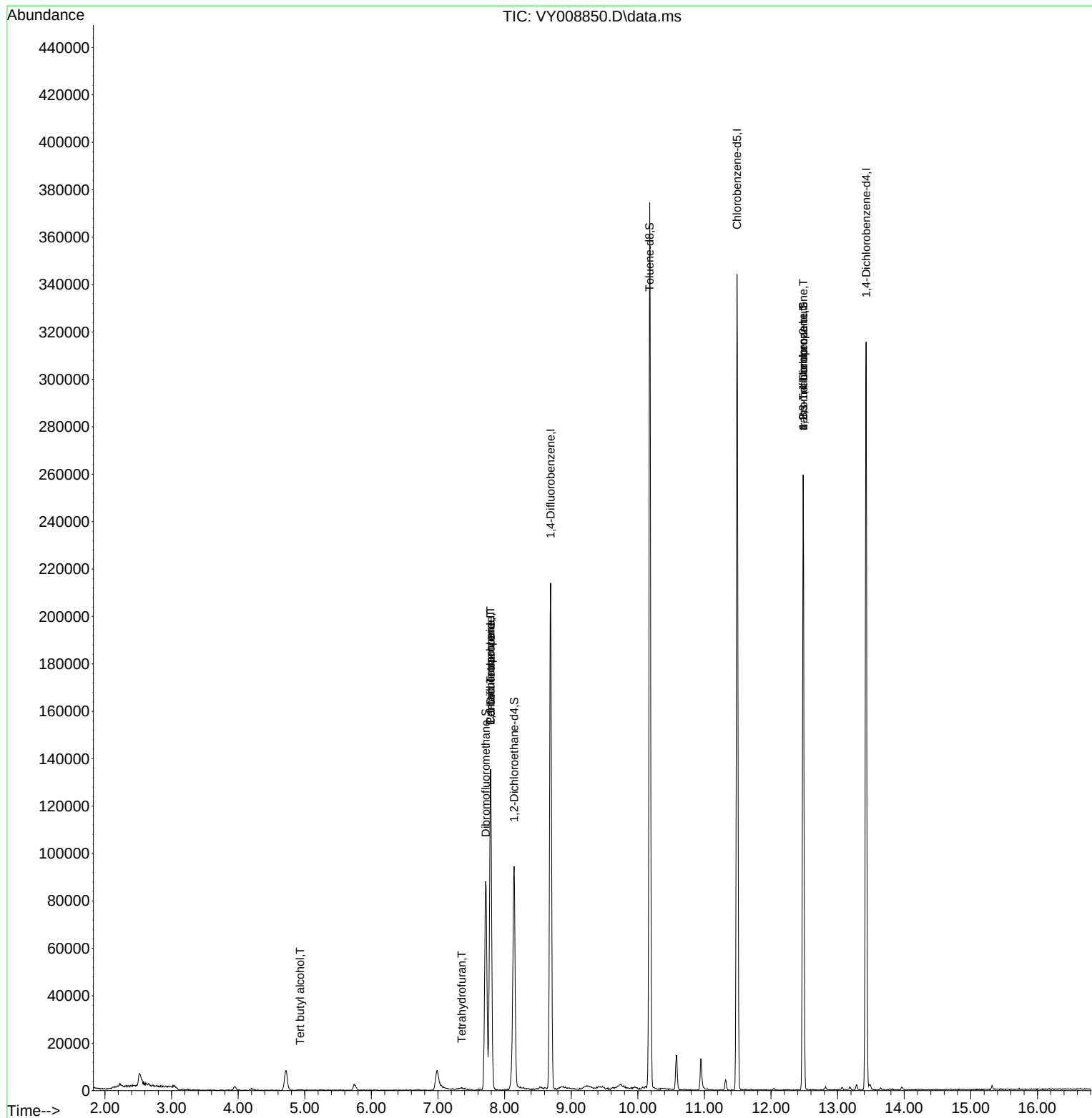
Internal Standards						
1) Pentafluorobenzene	7.789	168	101813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	175558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67050	70.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.980%	
35) Dibromofluoromethane	7.716	113	61354	57.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.700%	
50) Toluene-d8	10.179	98	231874	48.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.483	95	66565	39.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	97	Below Cal	#	44
4) Vinyl Chloride	2.247	62	43	Below Cal	#	43
5) Bromomethane	2.662	94	121	Below Cal	#	65
6) Chloroethane	2.936	64	56	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	151	1.447	ug/l #	77
16) Acetone	3.948	43	2879	Below Cal		97
18) Methyl Acetate	4.625	43	49	Below Cal	#	56
20) Methylene Chloride	4.722	84	6334	Below Cal		87
29) Tetrahydrofuran	7.356	42	274	1.038	ug/l #	67
31) Cyclohexane	7.783	56	2395	Below Cal	#	25
36) 1,1-Dichloropropene	7.789	75	9106	5.314	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10562	5.752	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	38744	44.190	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38744	96.657	ug/l #	7

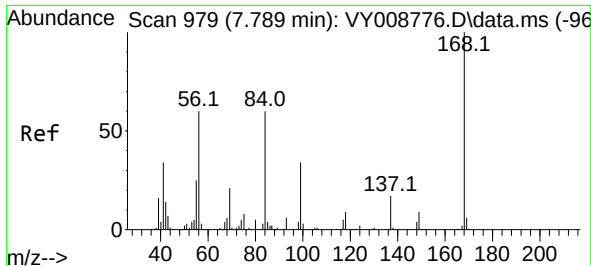
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008850.D
Acq On : 19 May 2022 06:06
Operator : KP/MD
Sample : N2868-03
Misc : 4.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

Quant Time: May 19 06:57:47 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

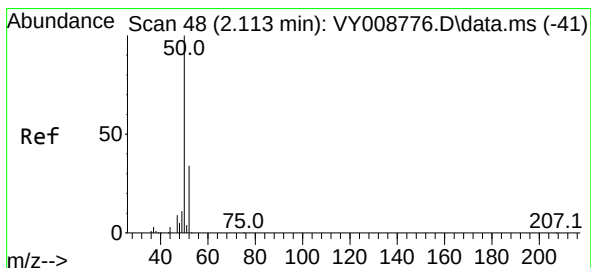
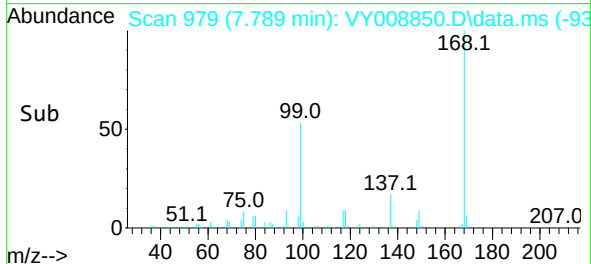
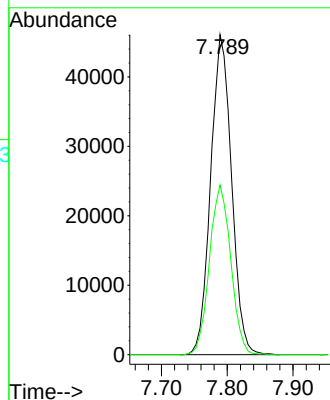
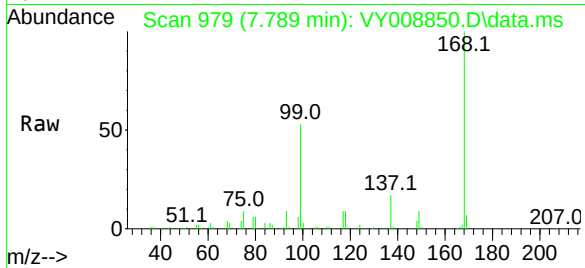




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

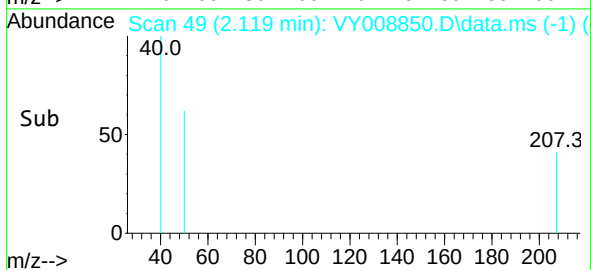
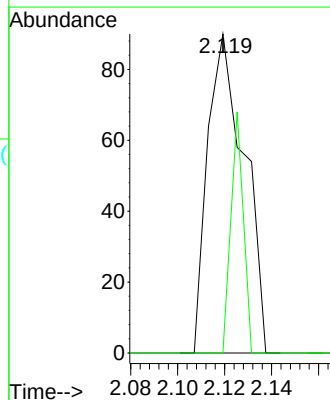
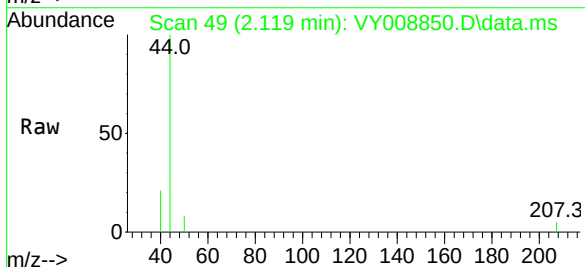
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

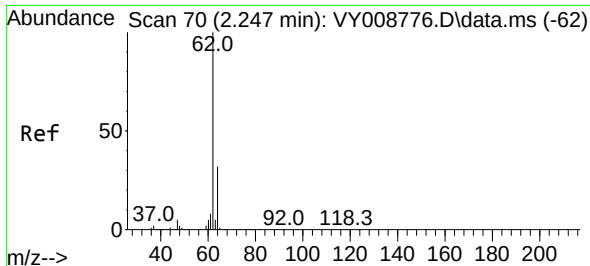
Tgt Ion:168 Resp: 101813
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

Tgt Ion: 50 Resp: 97
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

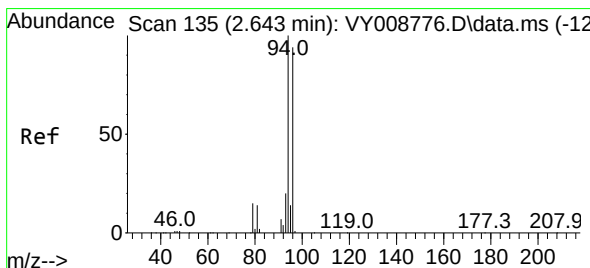
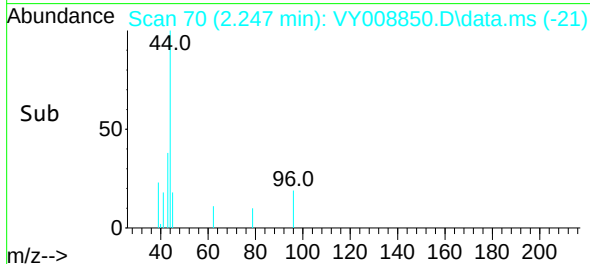
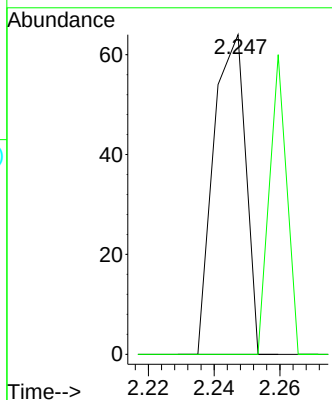
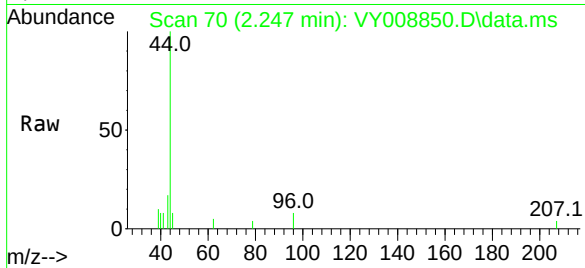




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.247 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VY008850.D
 Acq: 19 May 2022 06:06

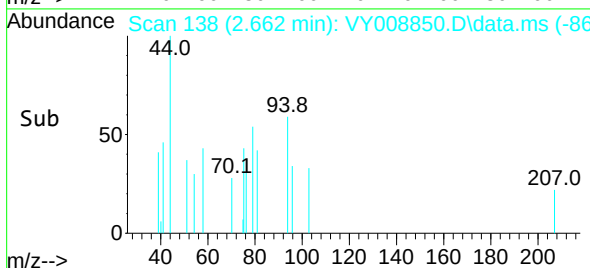
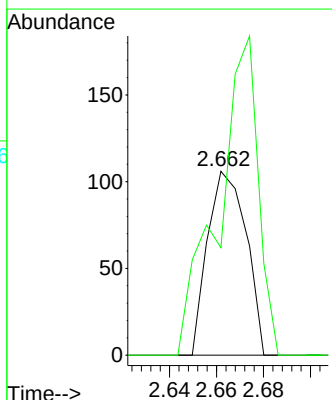
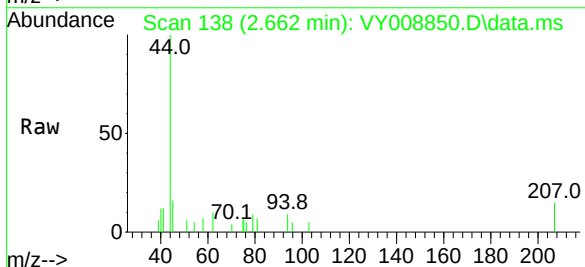
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01

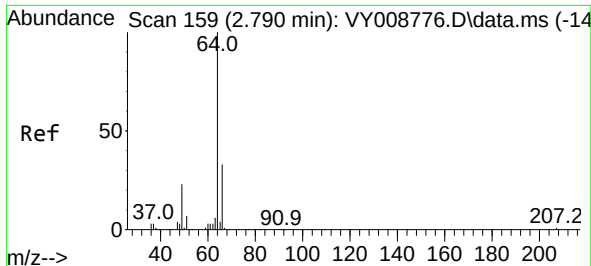
Tgt Ion: 62 Resp: 43
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.662 min Scan# 138
 Delta R.T. 0.019 min
 Lab File: VY008850.D
 Acq: 19 May 2022 06:06

Tgt Ion: 94 Resp: 121
 Ion Ratio Lower Upper
 94 100
 96 58.5 73.5 110.3#

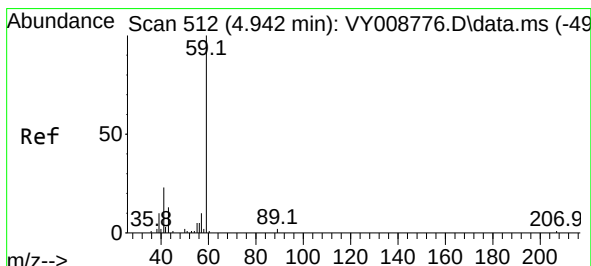
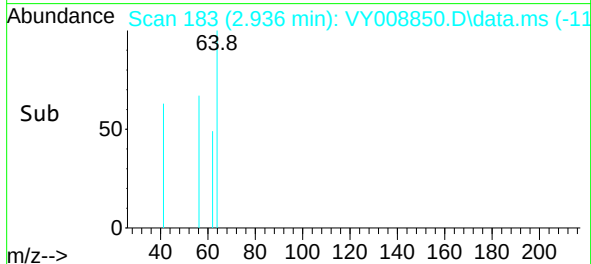
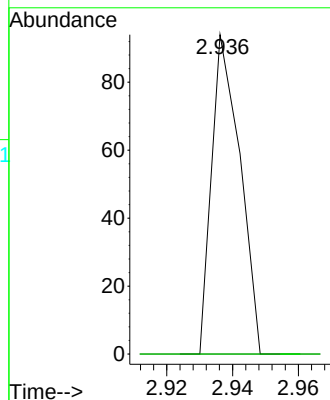
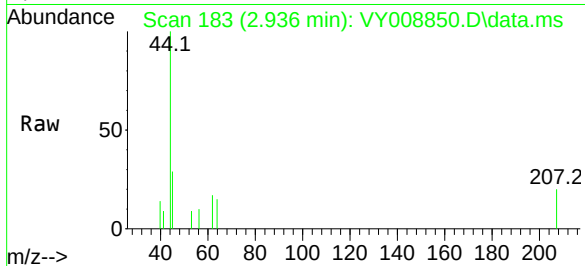




#6
Chloroethane
Concen: Below Cal
RT: 2.936 min Scan# 11
Delta R.T. 0.146 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

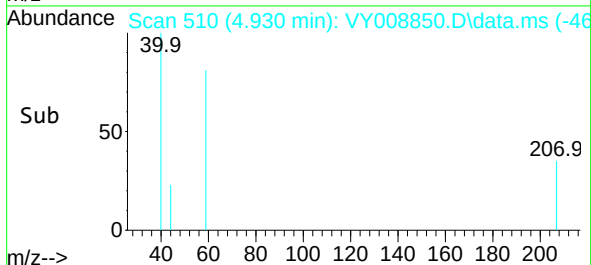
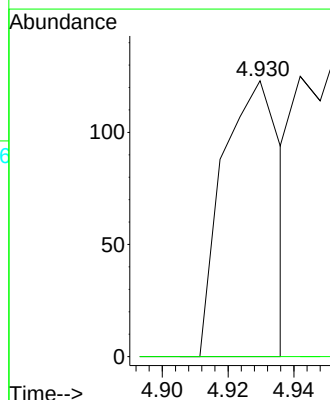
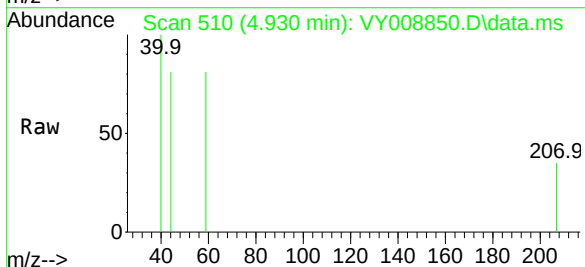
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

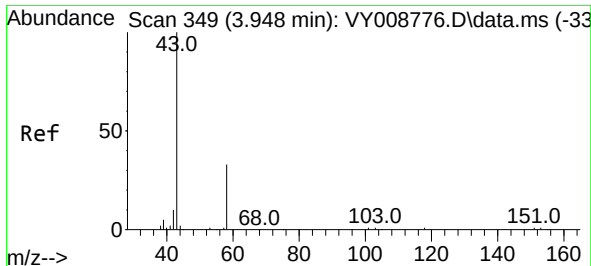
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.447 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

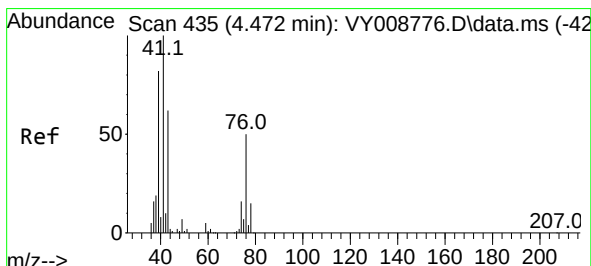
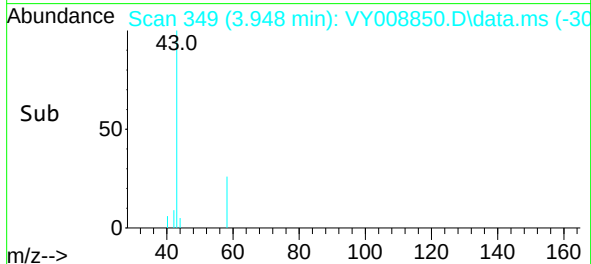
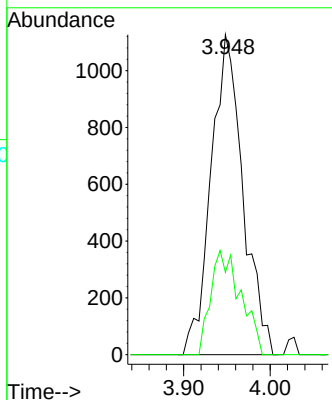
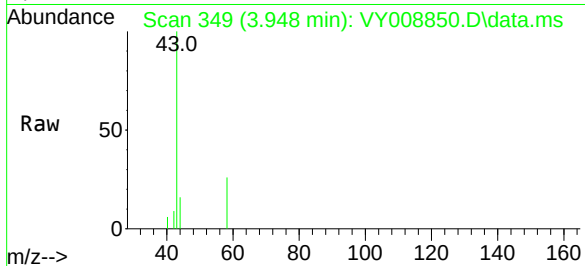




#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

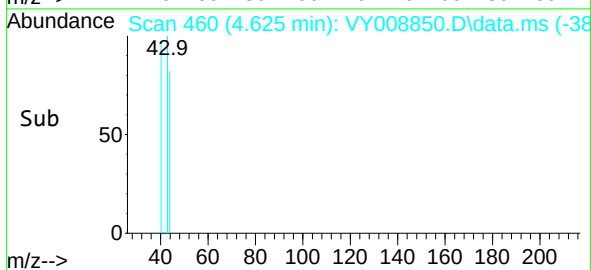
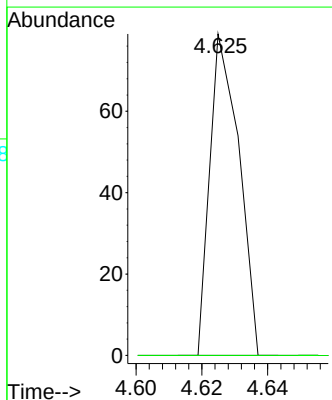
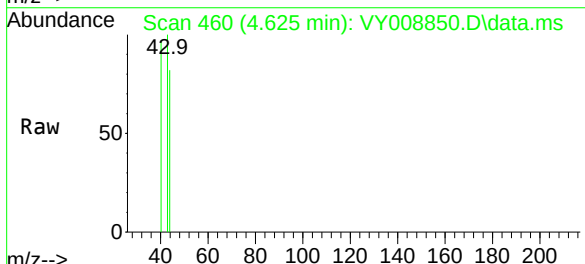
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

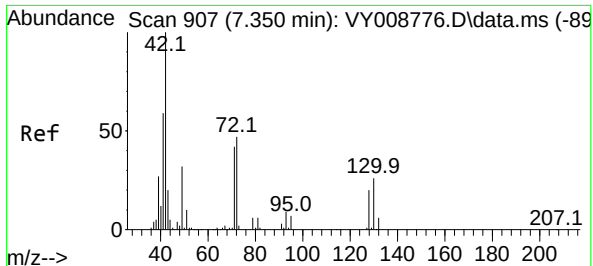
Tgt Ion: 43 Resp: 2879
Ion Ratio Lower Upper
43 100
58 25.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.625 min Scan# 460
Delta R.T. 0.153 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#29

Tetrahydrofuran

Concen: 1.038 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY008850.D

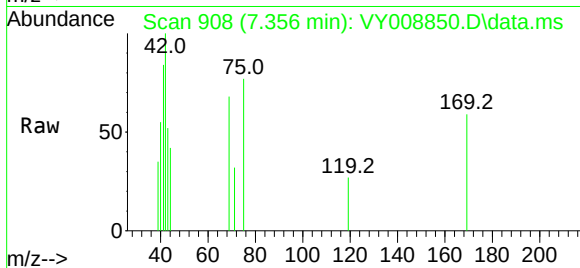
Acq: 19 May 2022 06:06

Instrument :

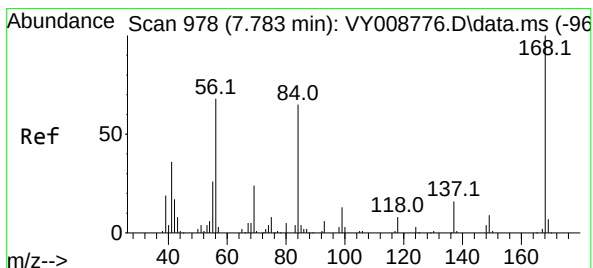
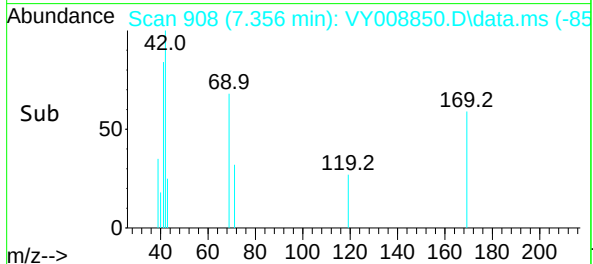
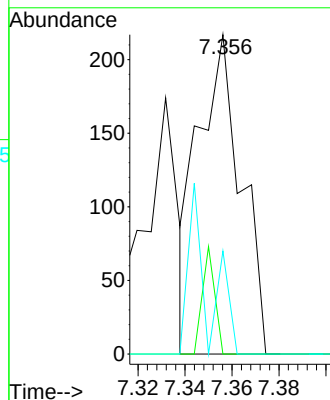
MSVOA_Y

ClientSampleId :

P017-SS001-1218-01



Tgt Ion:	42	Resp:	274
Ion	Ratio	Lower	Upper
42	100		
72	9.9	30.3	45.5#
71	24.8	29.0	43.4#



#31

Cyclohexane

Concen: Below Cal

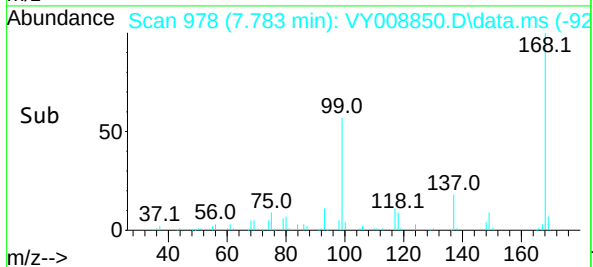
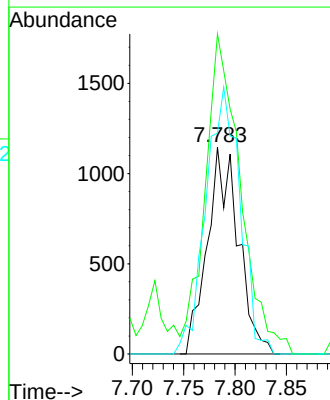
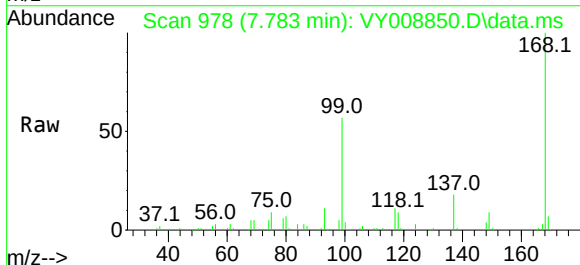
RT: 7.783 min Scan# 978

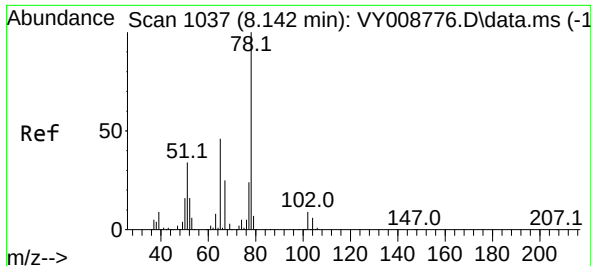
Delta R.T. -0.000 min

Lab File: VY008850.D

Acq: 19 May 2022 06:06

Tgt Ion:	56	Resp:	2395
Ion	Ratio	Lower	Upper
56	100		
69	147.5	26.7	40.1#
84	106.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 70.988 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008850.D

Acq: 19 May 2022 06:06

Instrument :

MSVOA_Y

ClientSampleId :

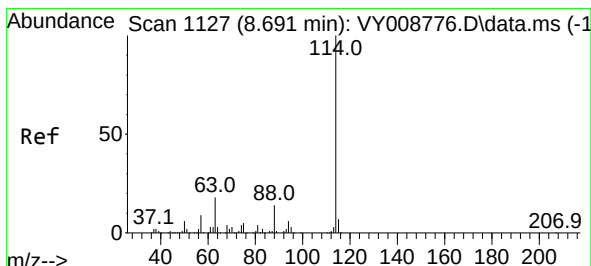
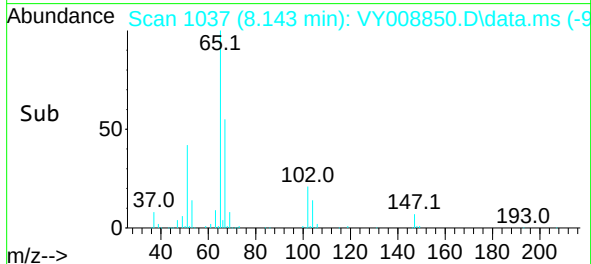
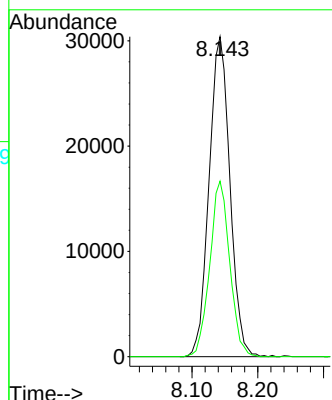
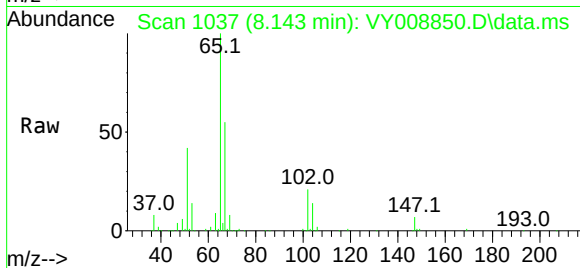
P017-SS001-1218-01

Tgt Ion: 65 Resp: 67050

Ion Ratio Lower Upper

65 100

67 52.6 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: VY008850.D

Acq: 19 May 2022 06:06

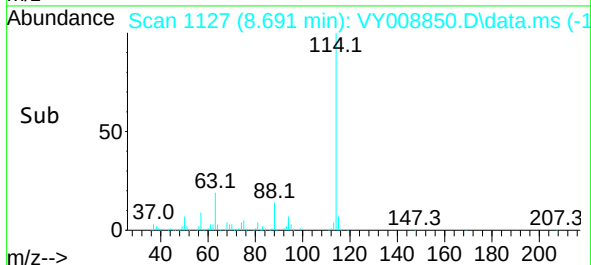
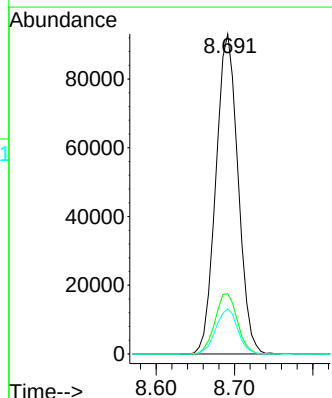
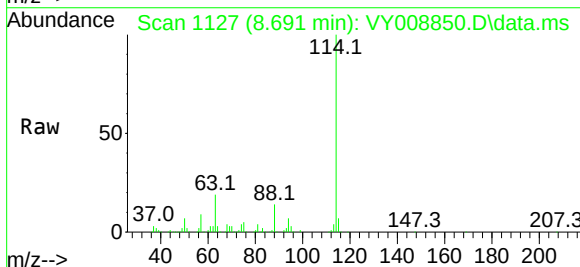
Tgt Ion: 114 Resp: 183106

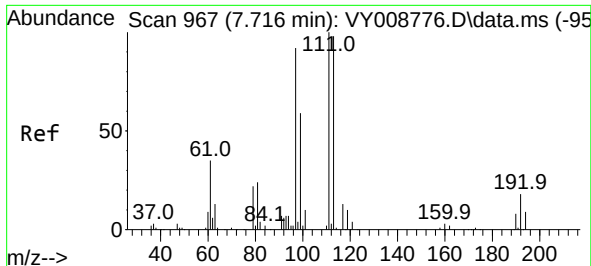
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.1 0.0 31.8

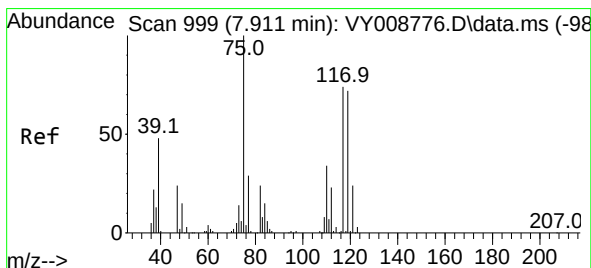
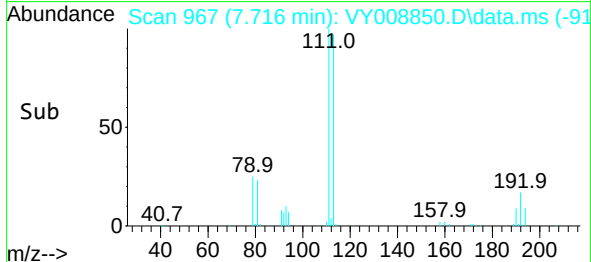
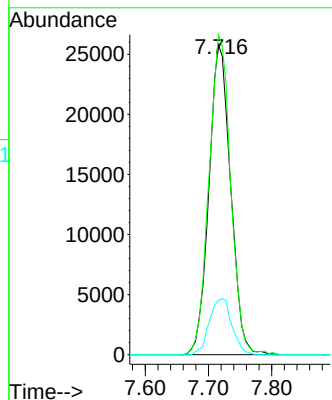
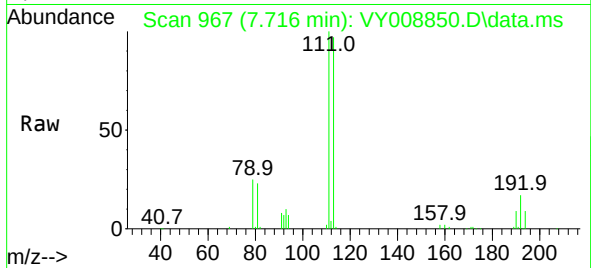




#35
Dibromofluoromethane
Concen: 57.348 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

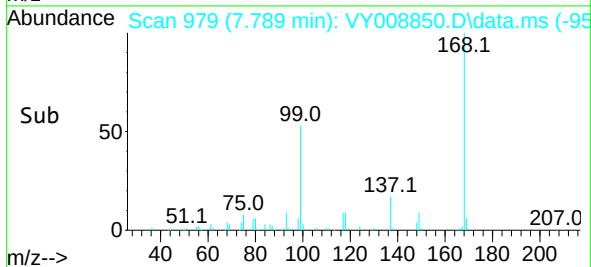
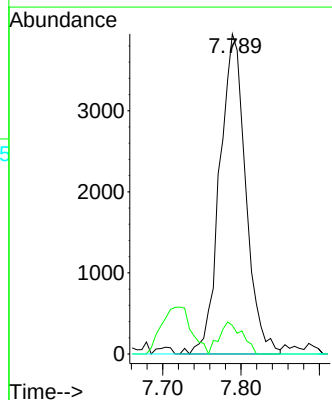
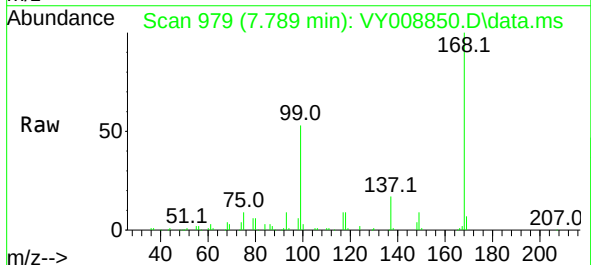
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

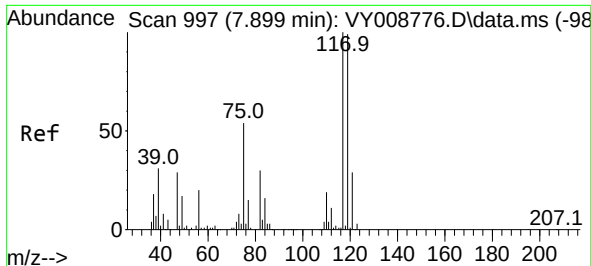
Tgt Ion:113 Resp: 61354
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.314 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

Tgt Ion: 75 Resp: 9106
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

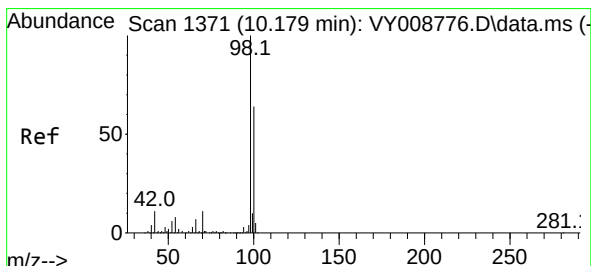
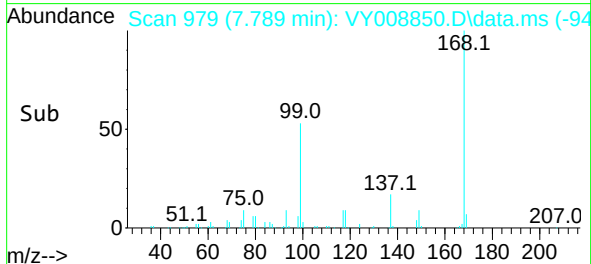
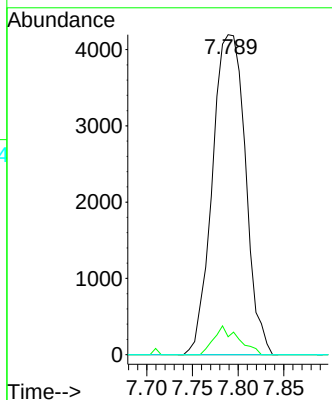
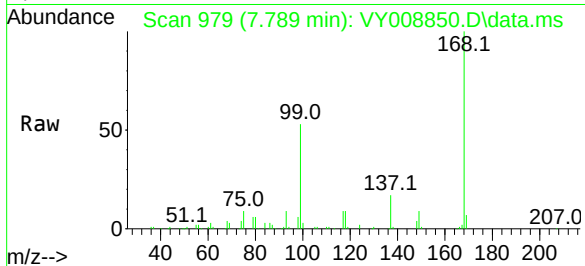




#38
Carbon Tetrachloride
Concen: 5.752 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

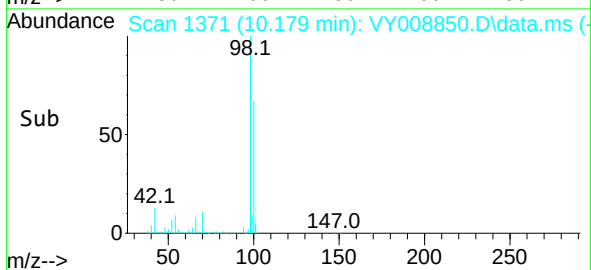
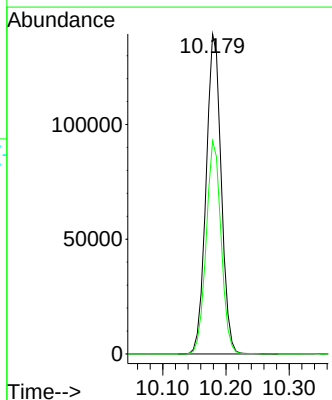
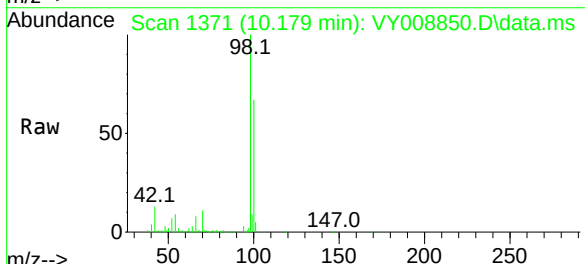
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

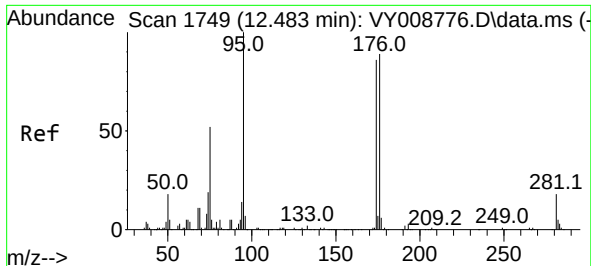
Tgt Ion:117 Resp: 10562
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

Tgt Ion: 98 Resp: 231874
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

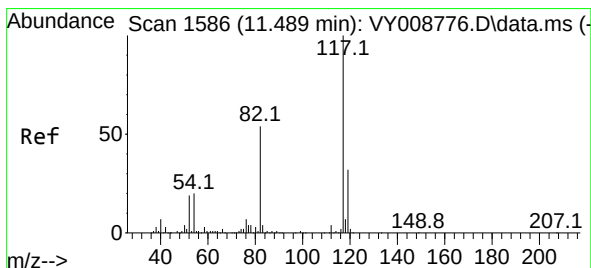
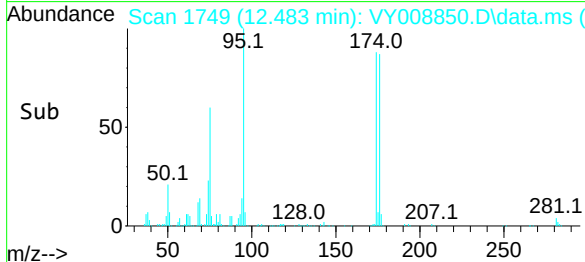
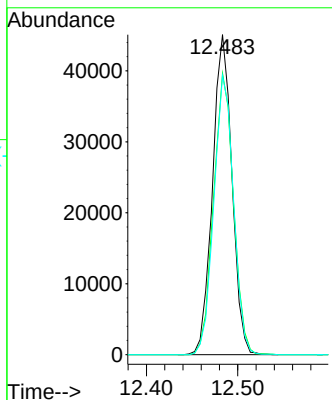
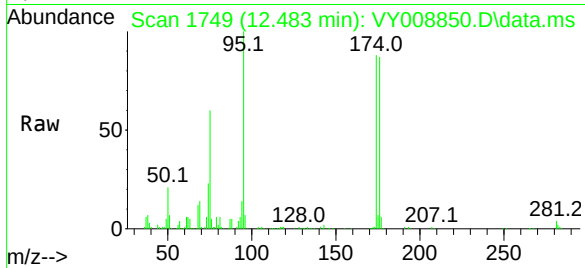




#62
4-Bromofluorobenzene
Concen: 39.975 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

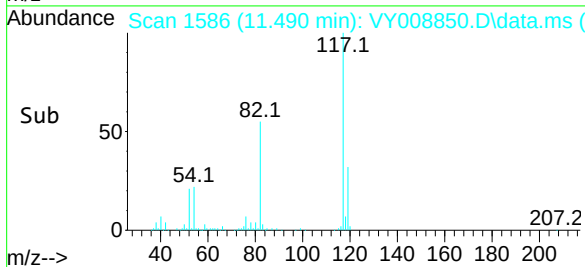
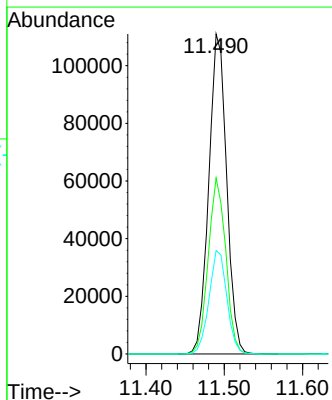
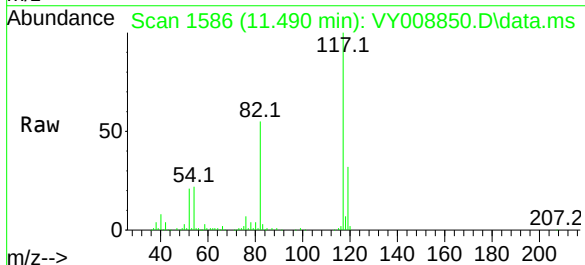
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

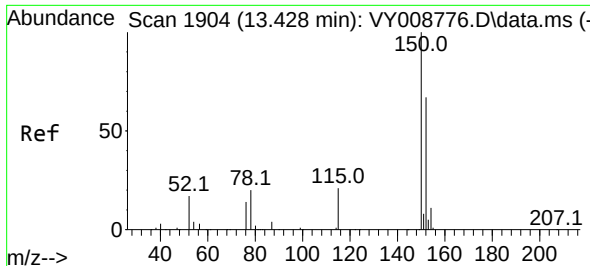
Tgt Ion: 95 Resp: 66565
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 88.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008850.D
Acq: 19 May 2022 06:06

Tgt Ion: 117 Resp: 175558
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.3 25.4 38.0

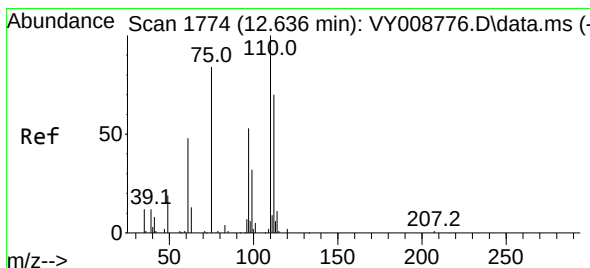
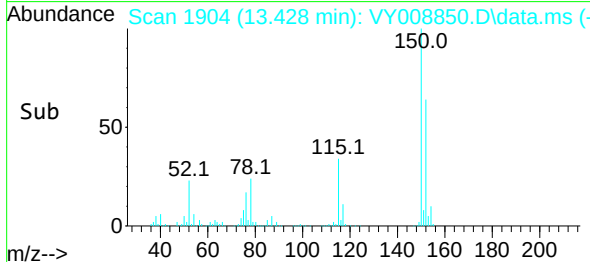
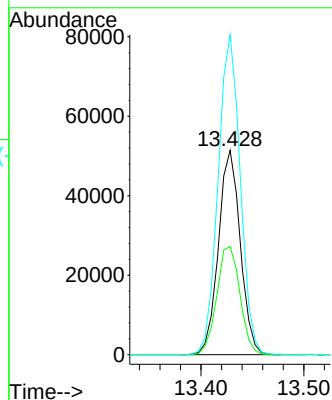
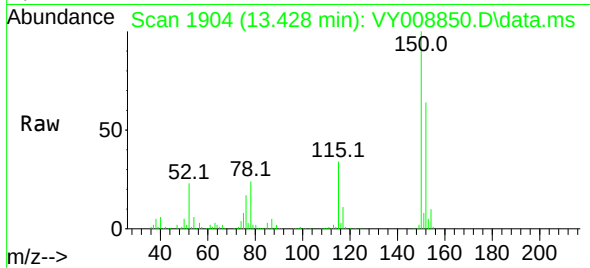




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008850.D
 Acq: 19 May 2022 06:06

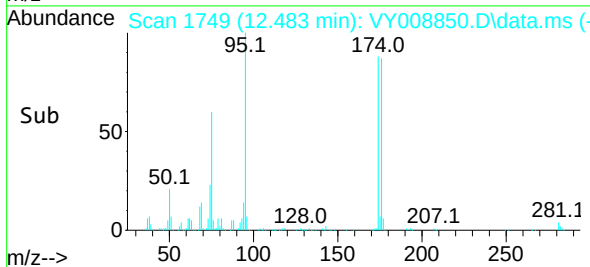
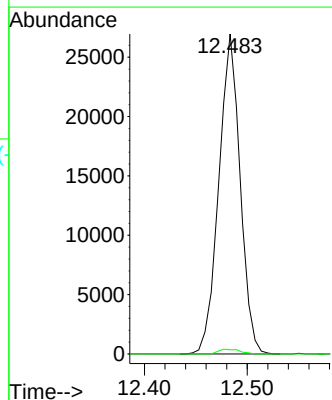
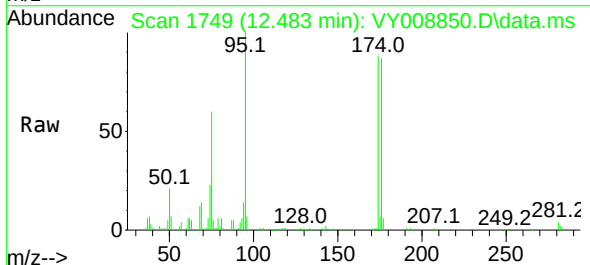
Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01

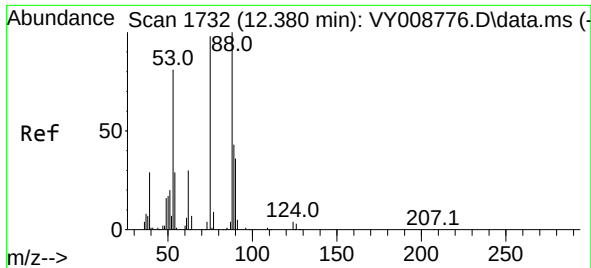
Tgt Ion:152 Resp: 75900
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.190 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008850.D
 Acq: 19 May 2022 06:06

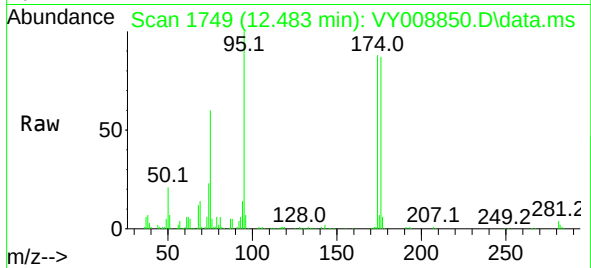
Tgt Ion: 75 Resp: 38744
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.657 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008850.D
 Acq: 19 May 2022 06:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01



Tgt Ion: 75 Resp: 38744
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

