

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008426.D
 Acq On : 20 Apr 2022 18:15
 Operator : KP/MD
 Sample : N2507-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-042022

Quant Time: Apr 21 02:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

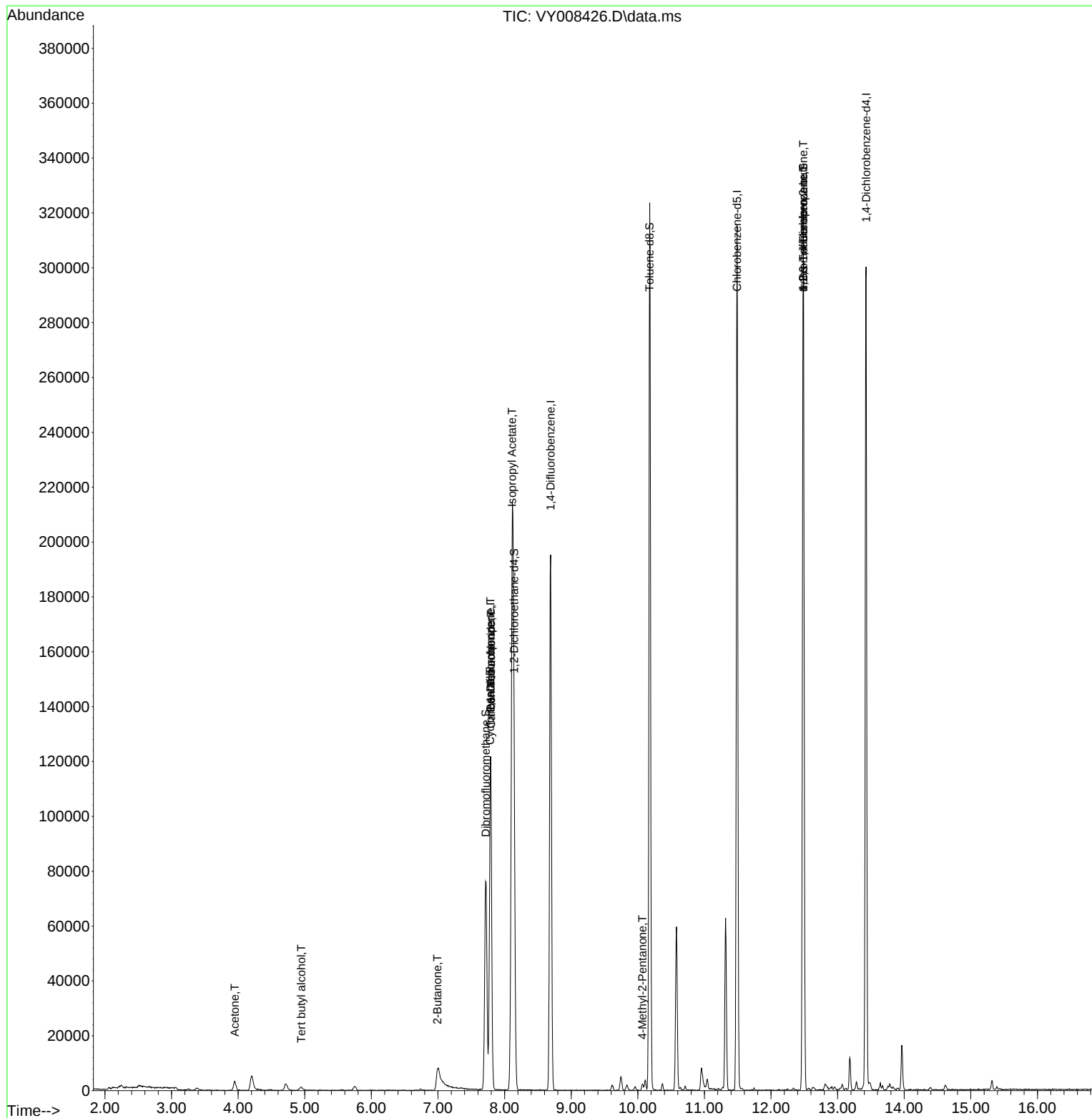
Internal Standards						
1) Pentafluorobenzene	7.789	168	94620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56145	63.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.340%	
35) Dibromofluoromethane	7.716	113	54831	54.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.179	98	214811	62.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.100%	
62) 4-Bromofluorobenzene	12.483	95	72828	55.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	163	Below Cal	#	44
5) Bromomethane	2.656	94	134	Below Cal		98
11) Tert butyl alcohol	4.948	59	2200	23.153	ug/l #	85
16) Acetone	3.948	43	5722	26.767	ug/l	96
18) Methyl Acetate	4.472	43	265	Below Cal	#	56
20) Methylene Chloride	4.716	84	1850	Below Cal	#	76
25) 2-Butanone	6.990	43	974	2.914	ug/l	92
31) Cyclohexane	7.783	56	1991	1.239	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7770	4.810	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9701	5.582	ug/l #	15
43) Isopropyl Acetate	8.112	43	4252	2.750	ug/l #	1
51) 4-Methyl-2-Pentanone	10.069	43	1571	1.968	ug/l #	86
76) 1,2,3-Trichloropropane	12.483	75	39956	46.969	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39956	105.092	ug/l #	8

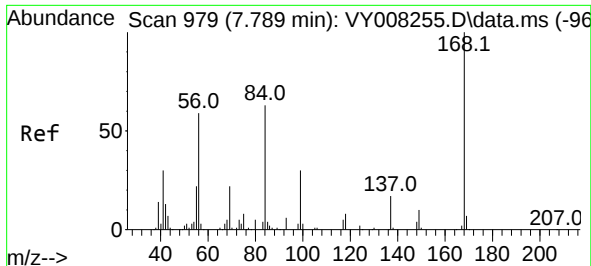
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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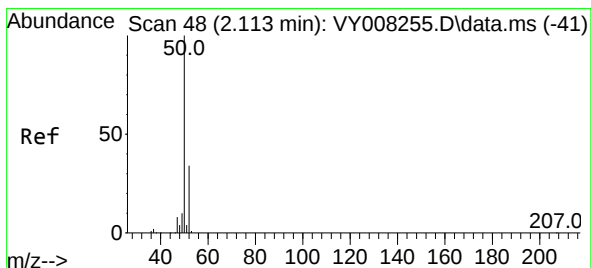
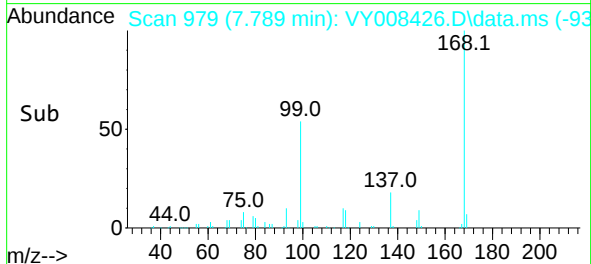
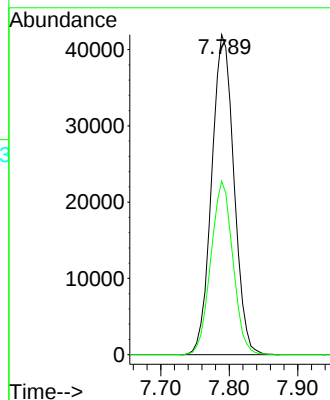
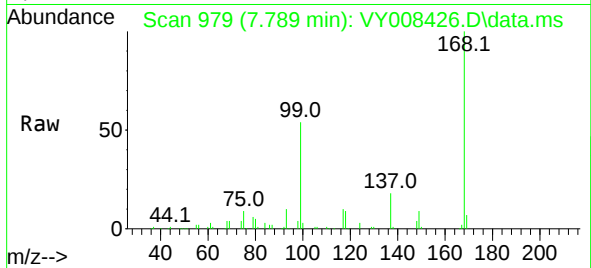




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

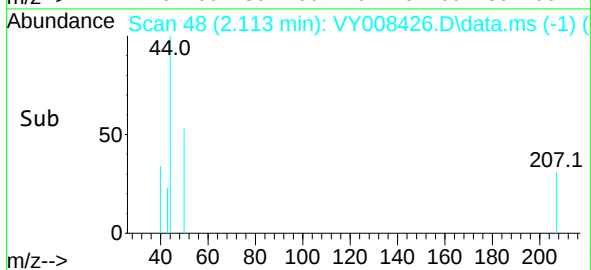
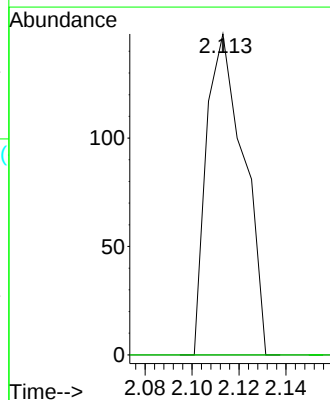
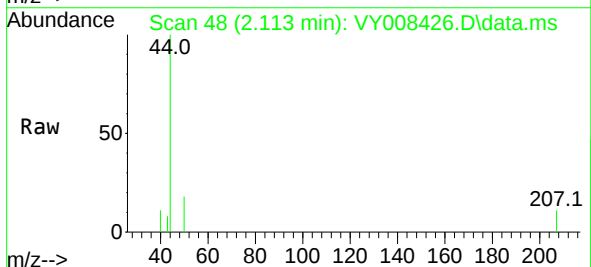
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

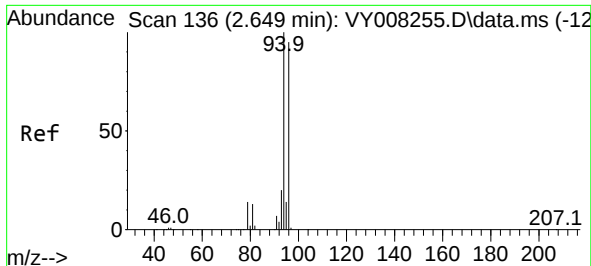
Tgt Ion:168 Resp: 94620
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 50 Resp: 163
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

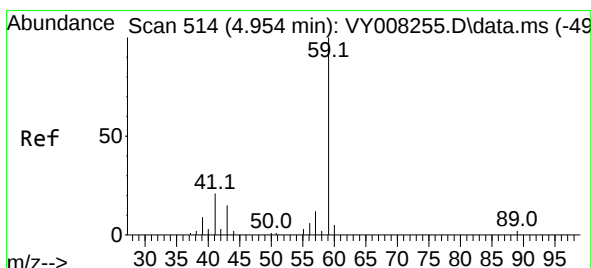
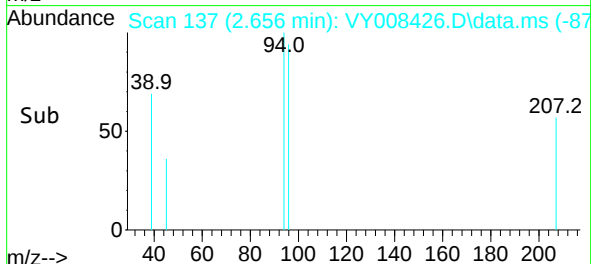
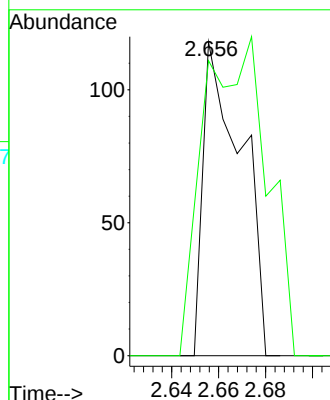
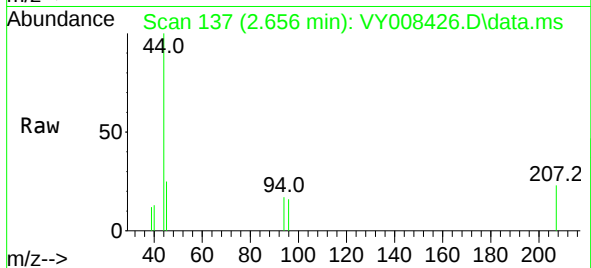




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

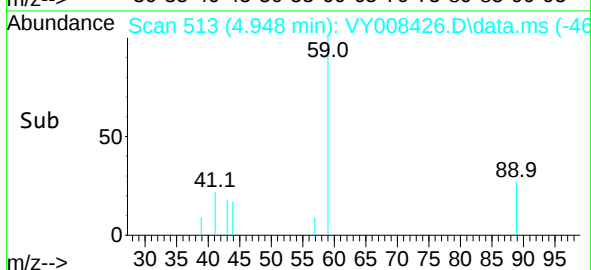
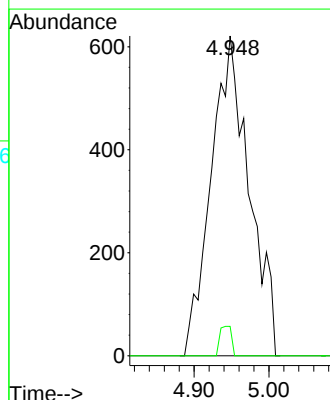
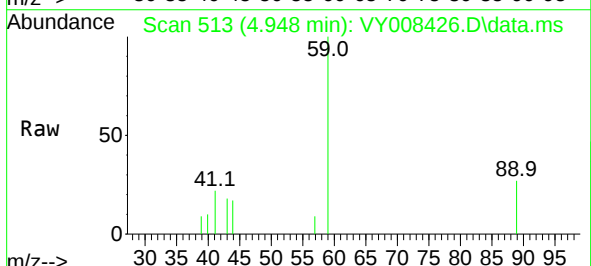
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

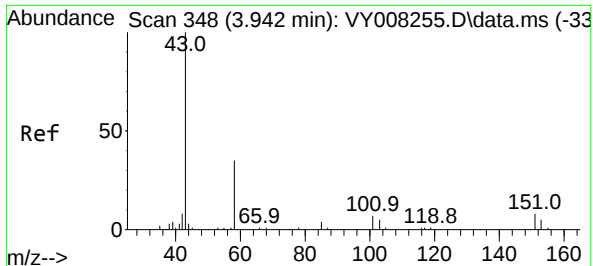
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#11
Tert butyl alcohol
Concen: 23.153 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 59 Resp: 2200
Ion Ratio Lower Upper
59 100
57 2.8 6.4 9.6#

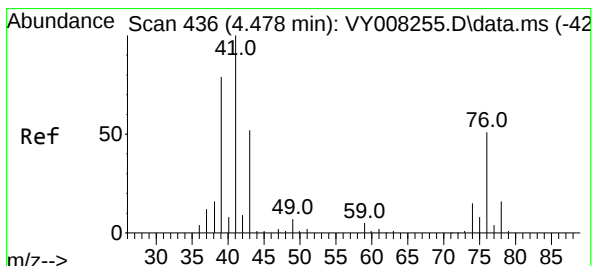
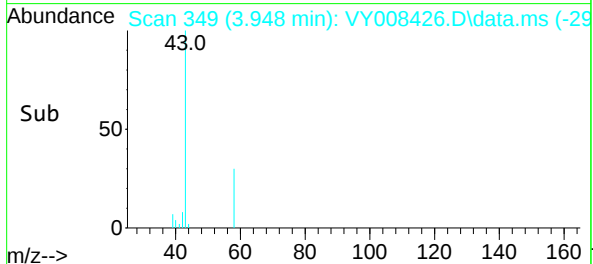
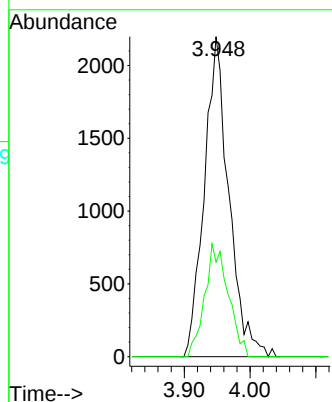
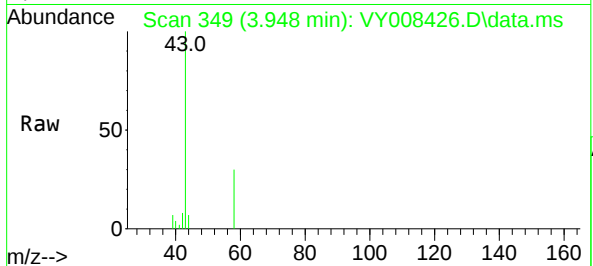




#16
Acetone
Concen: 26.767 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

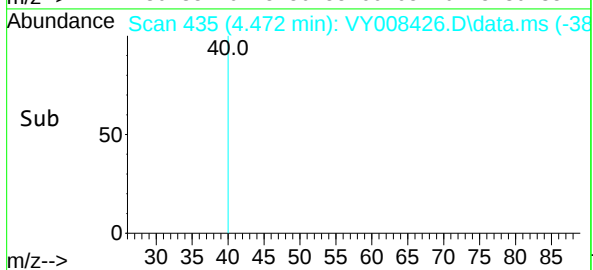
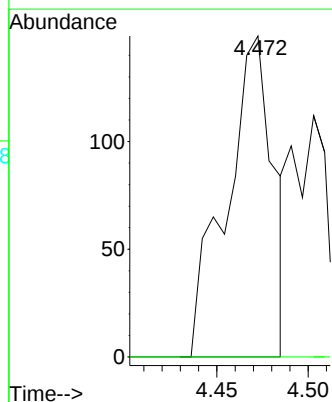
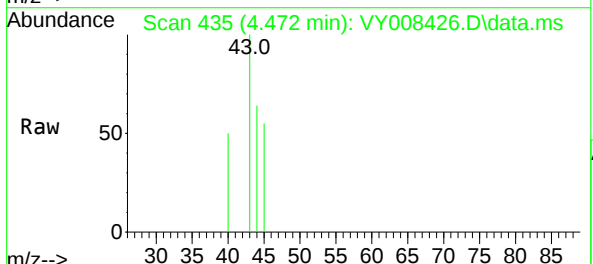
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

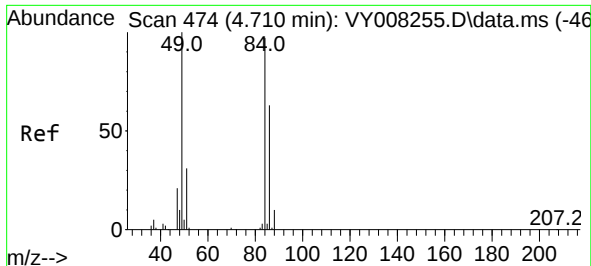
Tgt Ion: 43 Resp: 5722
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

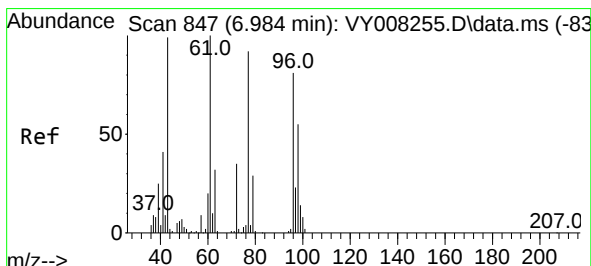
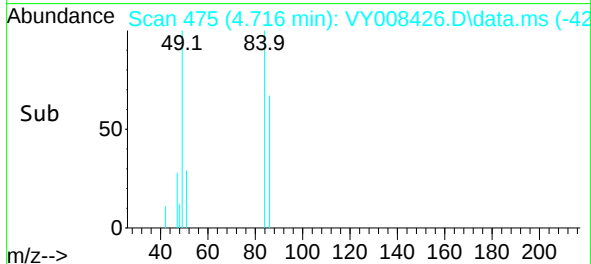
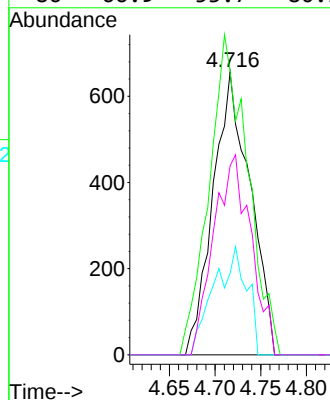
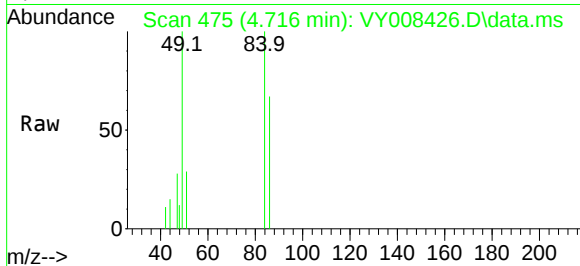




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

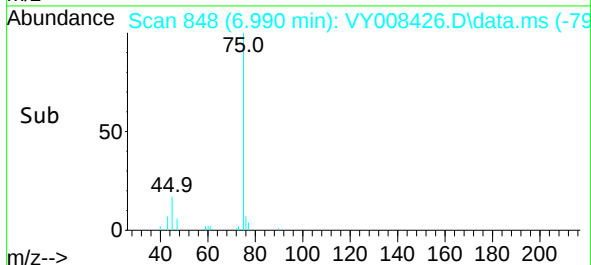
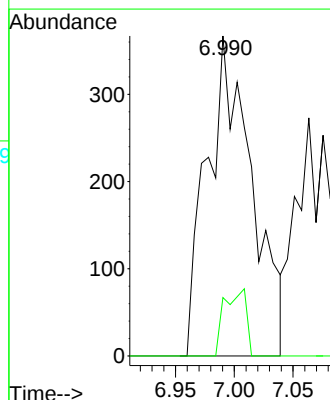
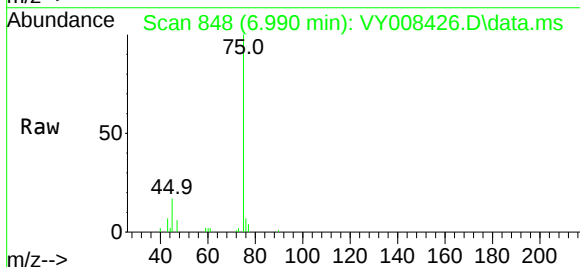
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

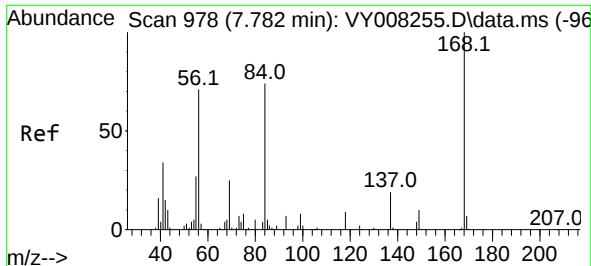
Tgt Ion: 84 Resp: 1850
Ion Ratio Lower Upper
84 100
49 100.2 114.4 171.6#
51 28.8 35.3 52.9#
86 66.9 53.7 80.5



#25
2-Butanone
Concen: 2.914 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

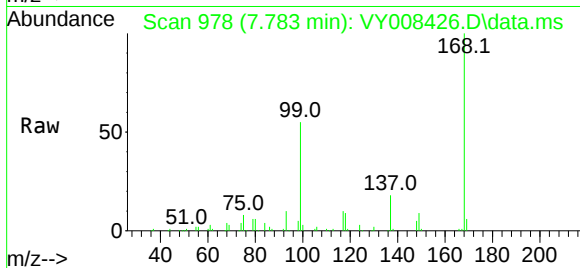
Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
72 18.3 17.7 26.5



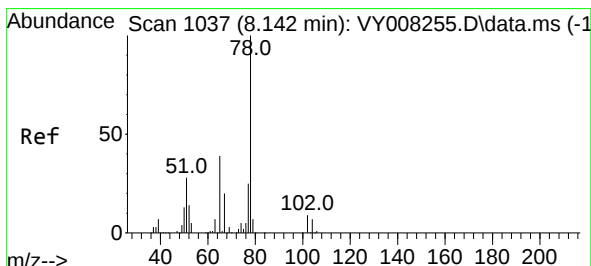
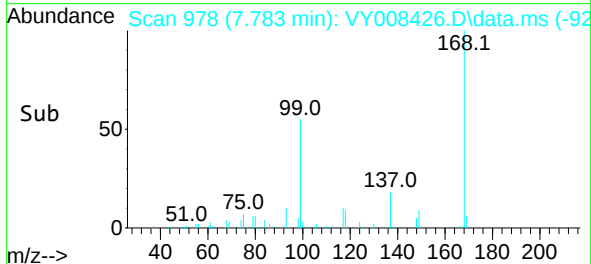
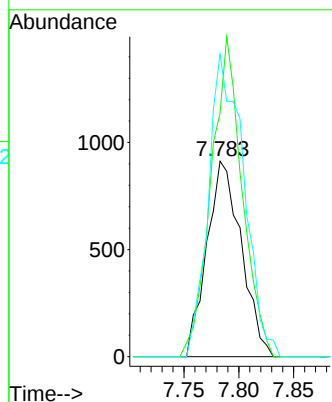


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

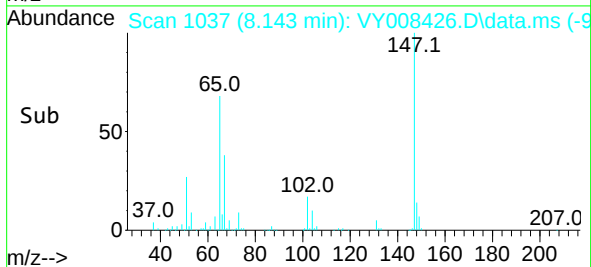
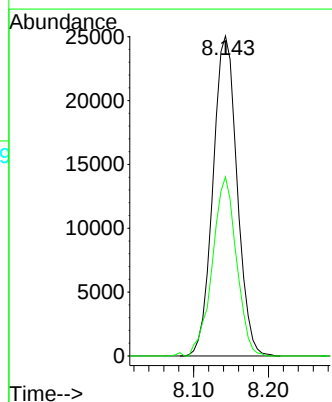
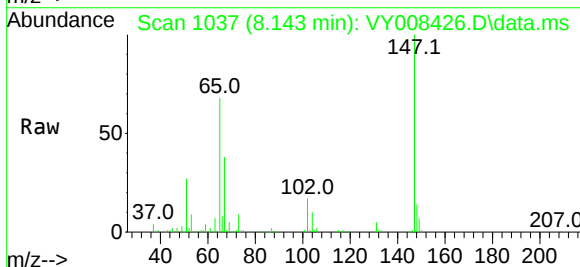


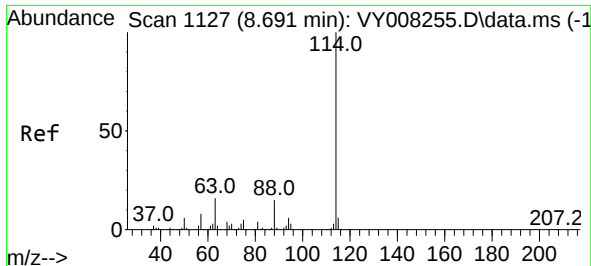
Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
69 124.6 26.7 40.1#
84 154.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.170 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 65 Resp: 56145
Ion Ratio Lower Upper
65 100
67 56.0 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: VY008426.D

Acq: 20 Apr 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-042022

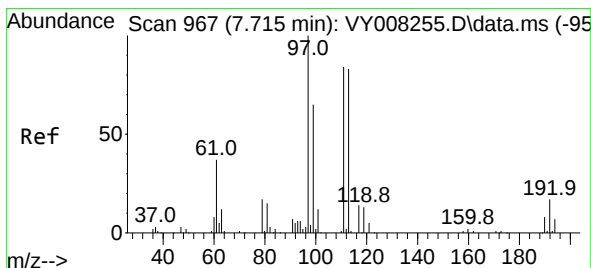
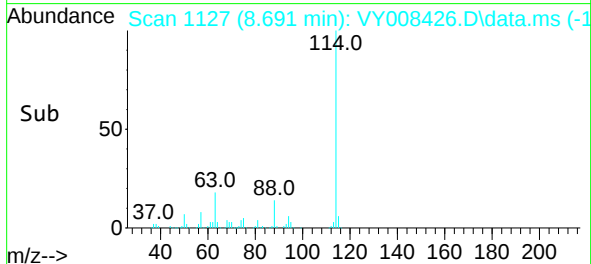
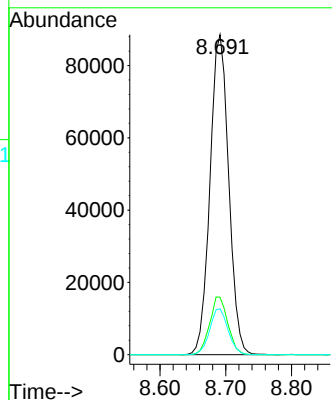
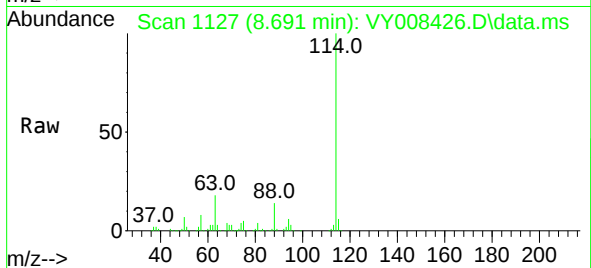
Tgt Ion:114 Resp: 175161

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.197 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008426.D

Acq: 20 Apr 2022 18:15

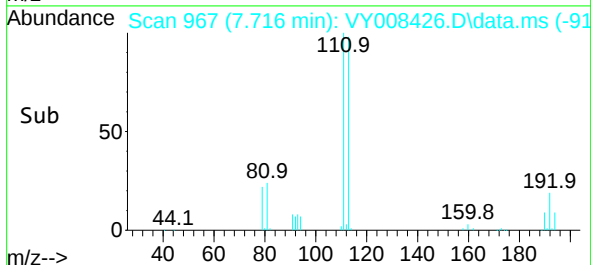
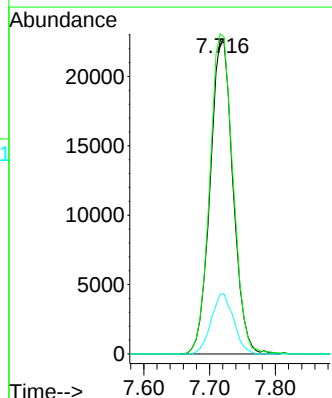
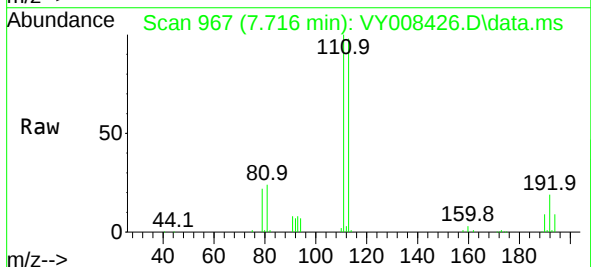
Tgt Ion:113 Resp: 54831

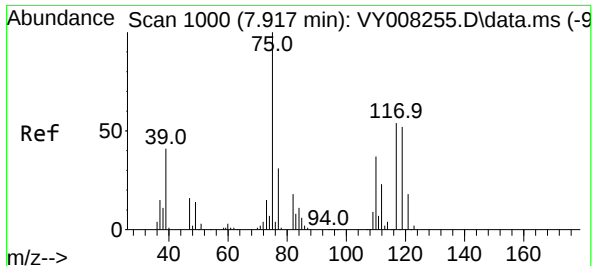
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.810 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008426.D

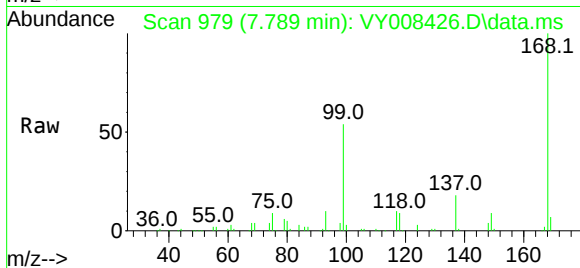
Acq: 20 Apr 2022 18:15

Instrument :

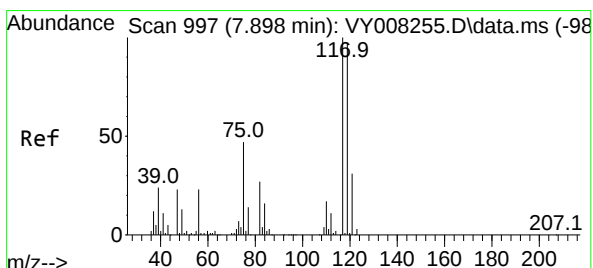
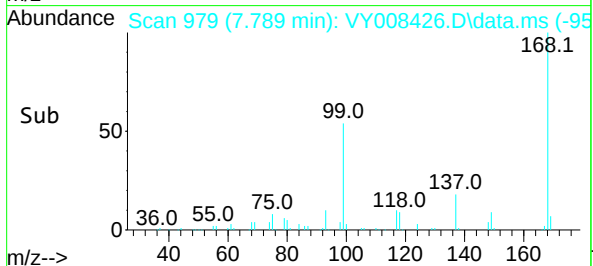
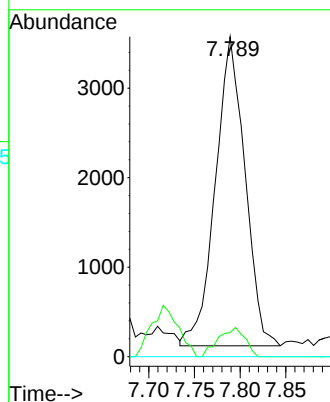
MSVOA_Y

ClientSampleId :

PL-01-042022



Tgt Ion: 75	Resp: 7770
Ion Ratio	Lower Upper
75 100	
110 8.5	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.582 ug/l

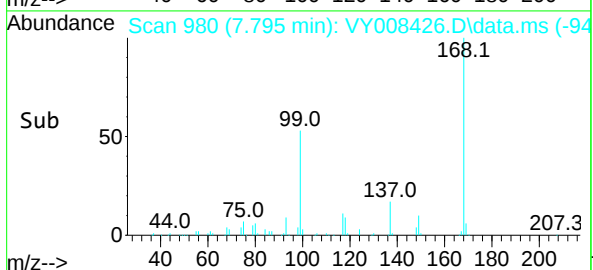
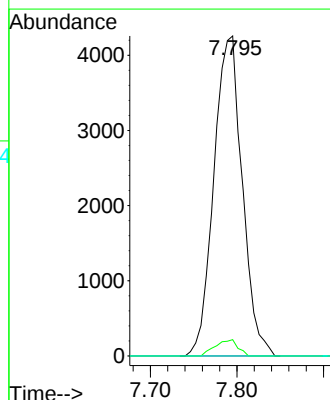
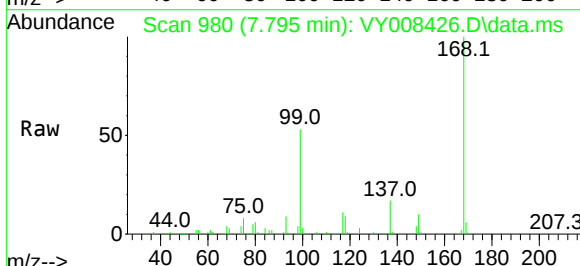
RT: 7.795 min Scan# 980

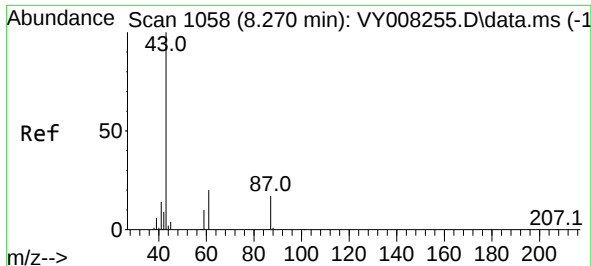
Delta R.T. -0.103 min

Lab File: VY008426.D

Acq: 20 Apr 2022 18:15

Tgt Ion: 117	Resp: 9701
Ion Ratio	Lower Upper
117 100	
119 5.1	77.9 116.9#
121 0.0	24.8 37.2#

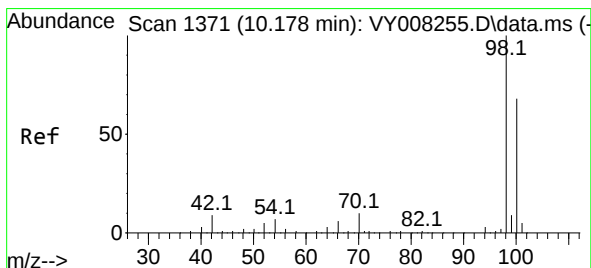
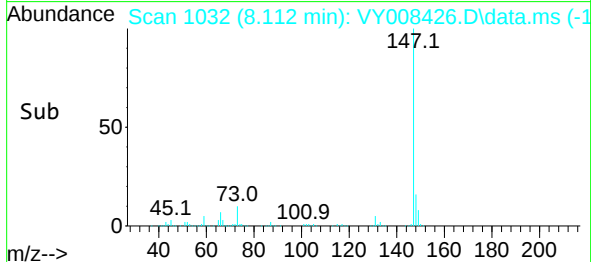
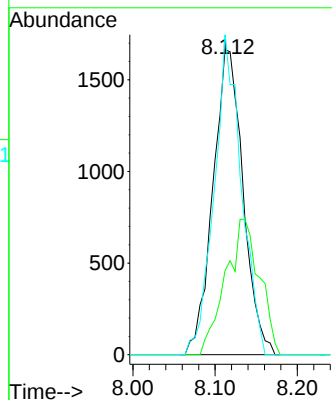
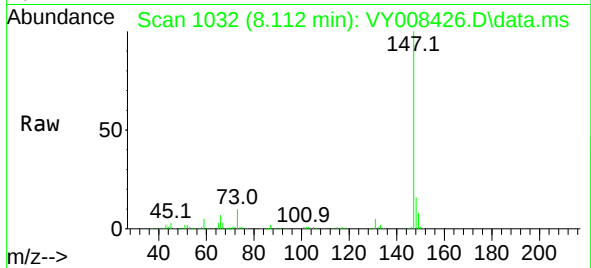




#43
Isopropyl Acetate
Concen: 2.750 ug/l
RT: 8.112 min Scan# 1058
Delta R.T. -0.158 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

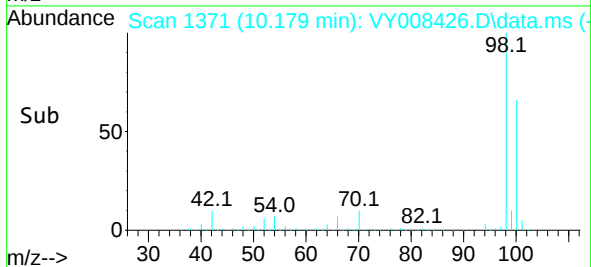
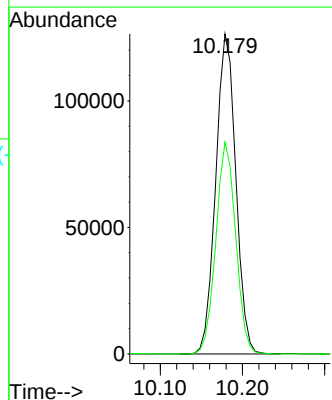
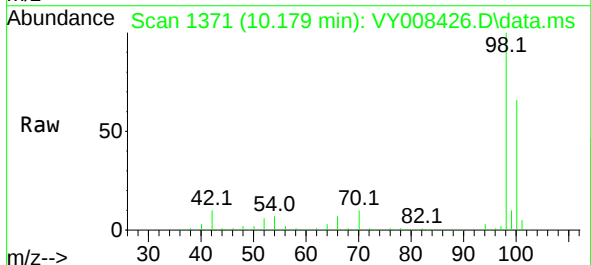
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

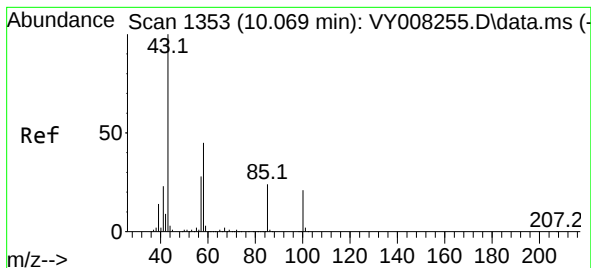
Tgt Ion: 43 Resp: 4252
Ion Ratio Lower Upper
43 100
61 49.7 20.2 30.2#
87 94.7 8.9 13.3#



#50
Toluene-d8
Concen: 62.051 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 98 Resp: 214811
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

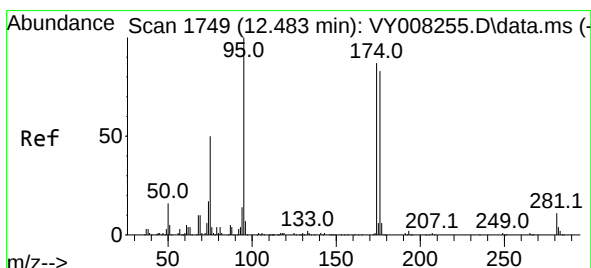
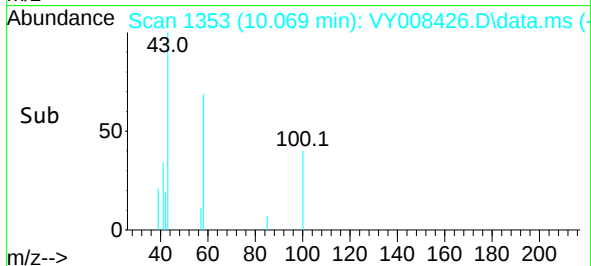
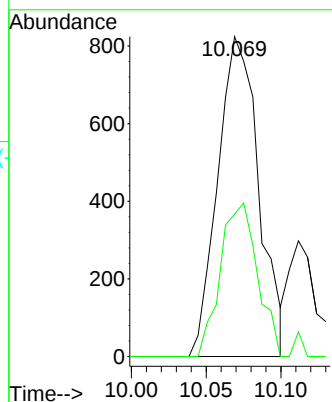
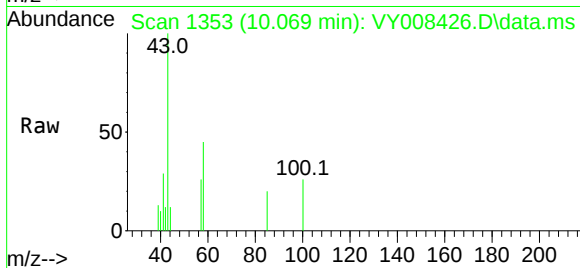




#51
4-Methyl-2-Pentanone
Concen: 1.968 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

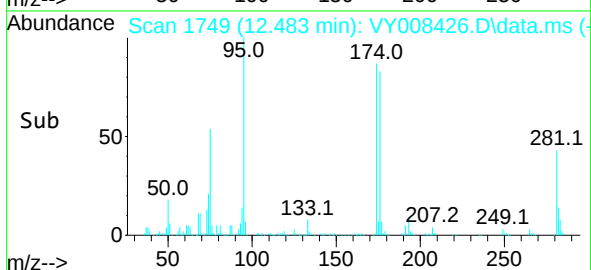
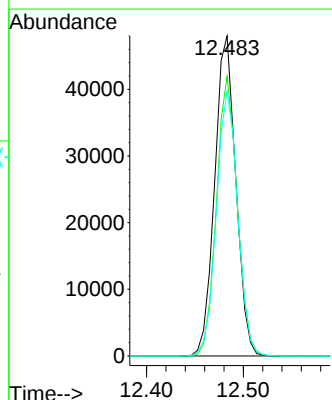
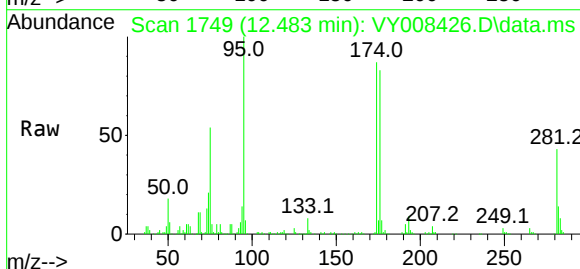
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

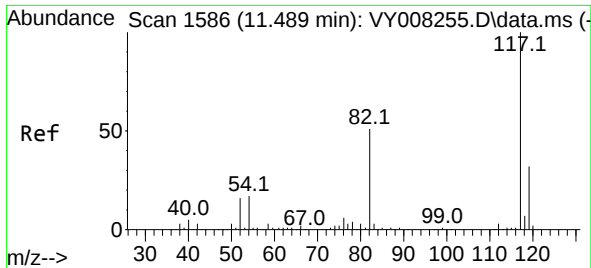
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 43.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion: 95 Resp: 72828
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.1 0.0 175.8

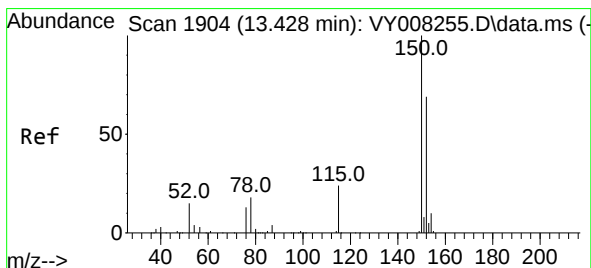
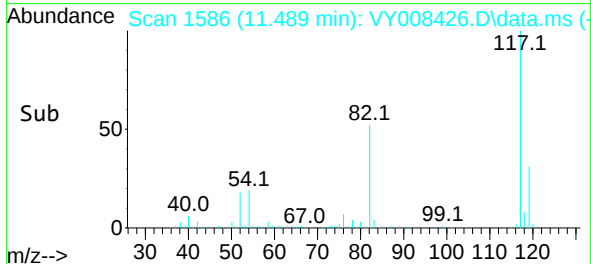
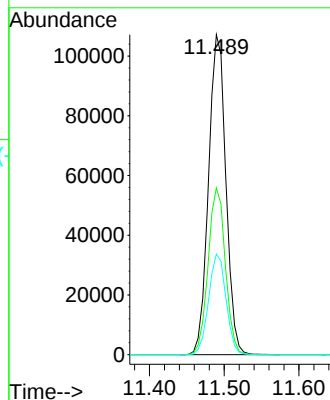
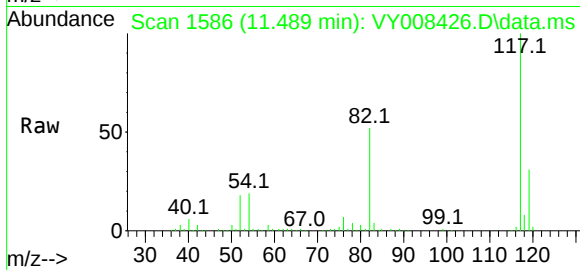




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

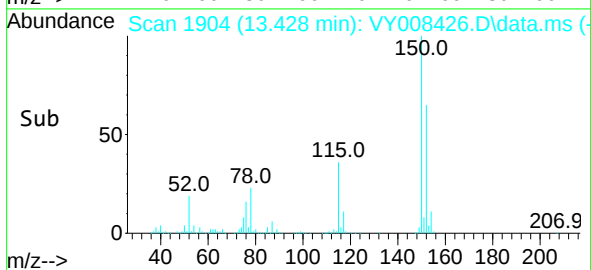
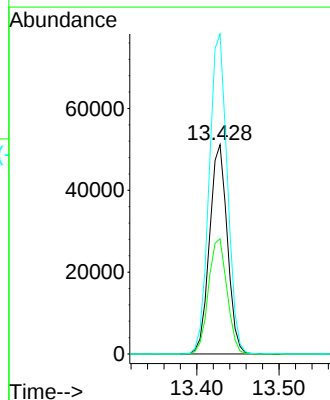
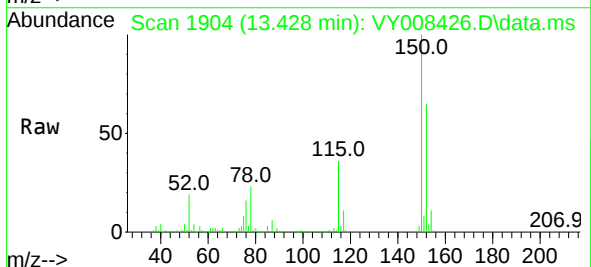
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-042022

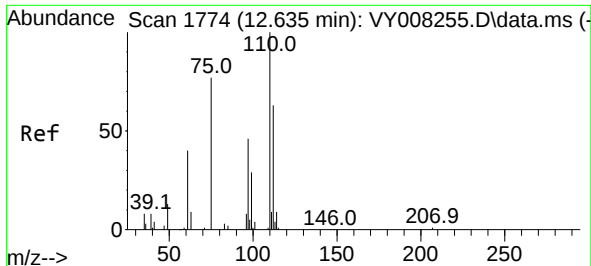
Tgt Ion:117 Resp: 172802
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008426.D
Acq: 20 Apr 2022 18:15

Tgt Ion:152 Resp: 76917
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 155.7 0.0 347.6

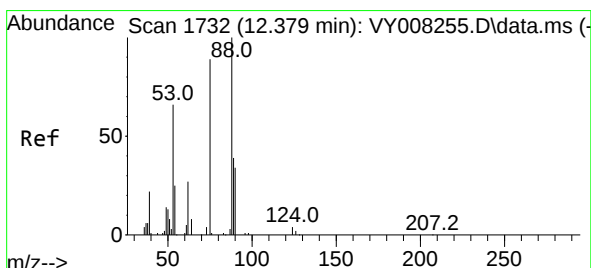
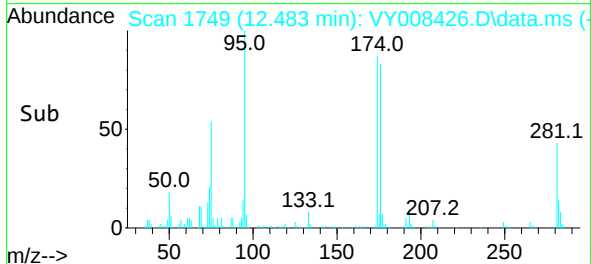
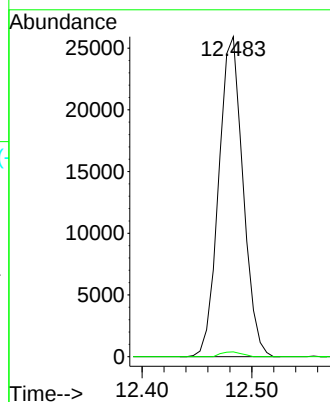
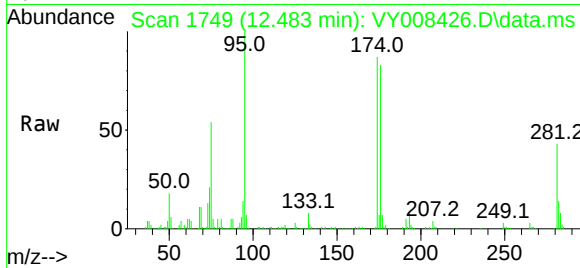




#76
 1,2,3-Trichloropropane
 Concen: 46.969 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008426.D
 Acq: 20 Apr 2022 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-042022

Tgt Ion: 75 Resp: 39956
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.092 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY008426.D
 Acq: 20 Apr 2022 18:15

Tgt Ion: 75 Resp: 39956
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.0 37.0 55.4#

