

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008988.D
 Acq On : 22 May 2022 07:45
 Operator : KP/MD
 Sample : N2887-21
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-2430-01

Quant Time: May 23 02:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

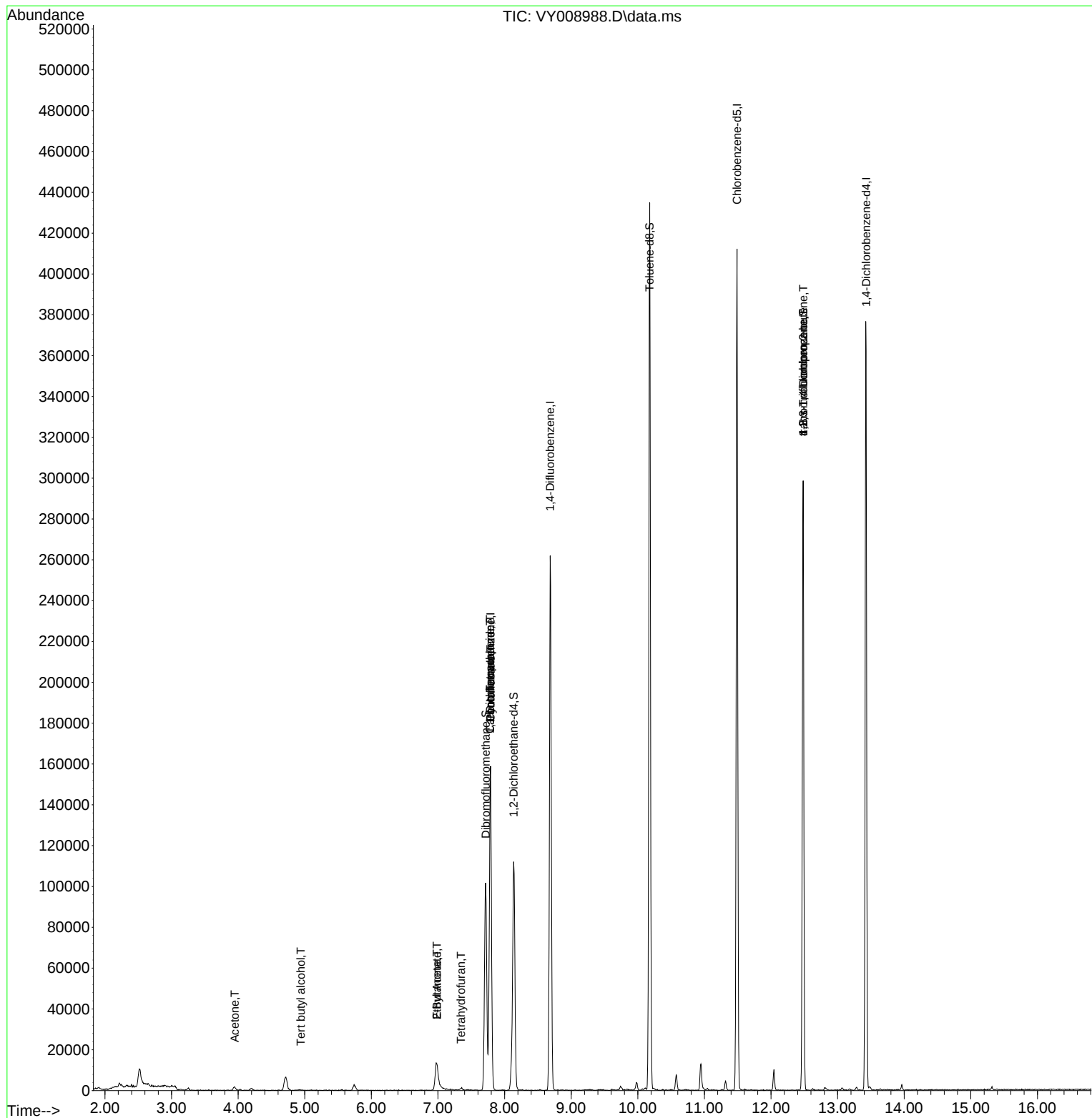
Internal Standards						
1) Pentafluorobenzene	7.789	168	117803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79808	65.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.660%	
35) Dibromofluoromethane	7.716	113	69320	51.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.179	98	275830	55.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.300%	
62) 4-Bromofluorobenzene	12.483	95	78920	39.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	279	2.269	ug/l #	77
16) Acetone	3.948	43	2989	11.844	ug/l	95
20) Methylene Chloride	4.710	84	4890	Below Cal		89
25) 2-Butanone	6.984	43	1248	2.769	ug/l	100
29) Tetrahydrofuran	7.344	42	754	2.462	ug/l #	80
31) Cyclohexane	7.789	56	3058	1.289	ug/l #	31
36) 1,1-Dichloropropene	7.783	75	10278	4.495	ug/l #	50
37) Ethyl Acetate	6.984	43	1248	1.052	ug/l #	33
38) Carbon Tetrachloride	7.783	117	11892	4.972	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45789	46.899	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45789	96.261	ug/l #	7

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

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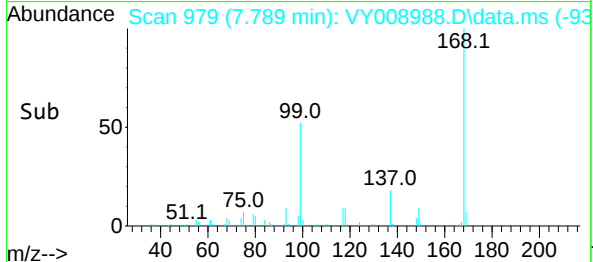
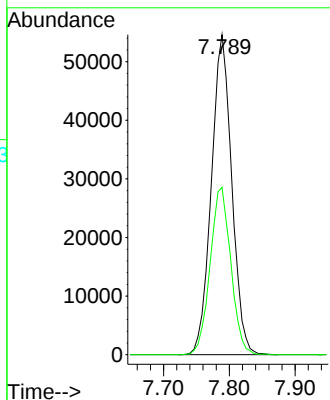
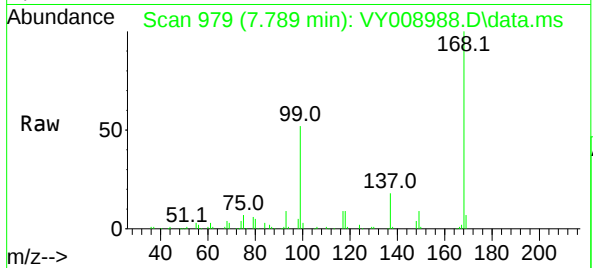




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

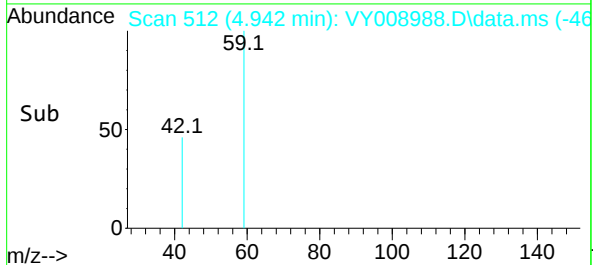
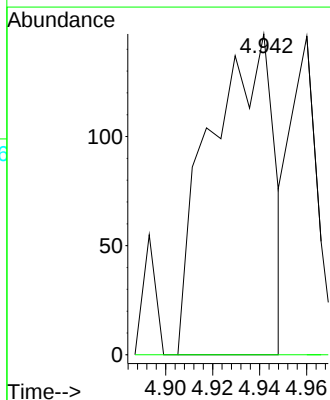
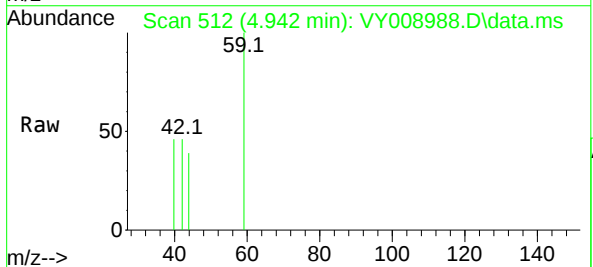
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

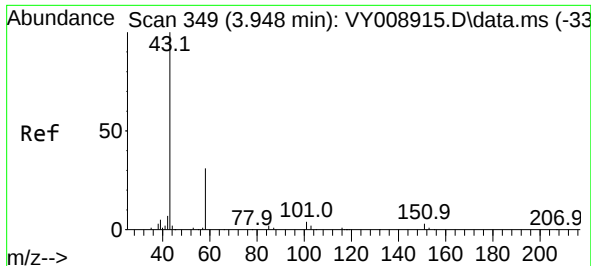
Tgt Ion:168 Resp: 117803
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.269 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

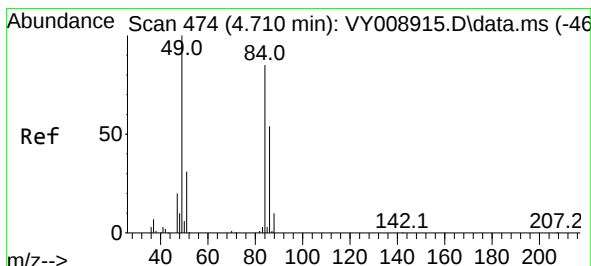
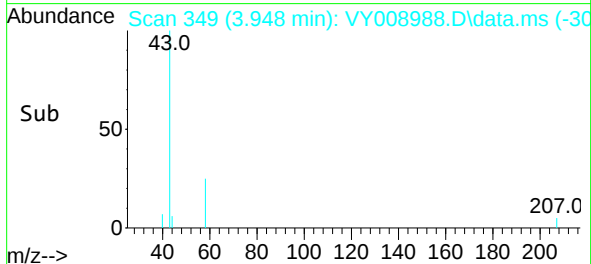
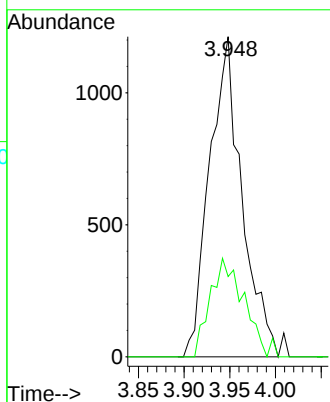
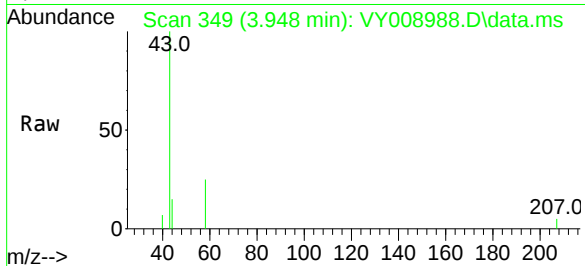




#16
Acetone
Concen: 11.844 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

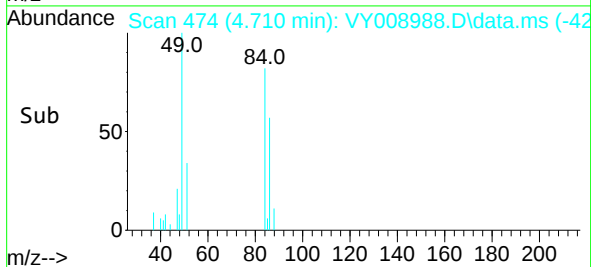
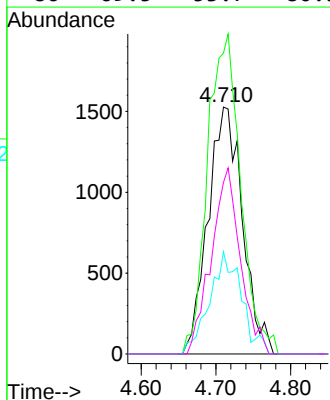
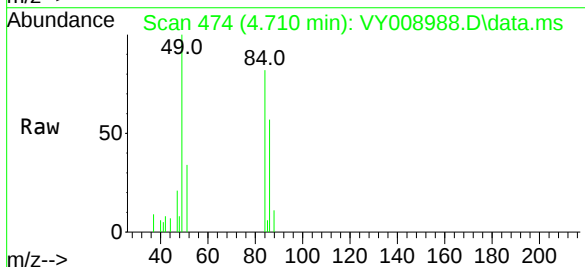
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

Tgt Ion: 43 Resp: 2989
Ion Ratio Lower Upper
43 100
58 25.1 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Tgt Ion: 84 Resp: 4890
Ion Ratio Lower Upper
84 100
49 121.8 114.4 171.6
51 41.5 35.3 52.9
86 69.5 53.7 80.5

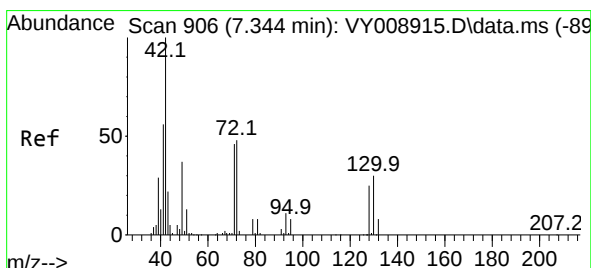
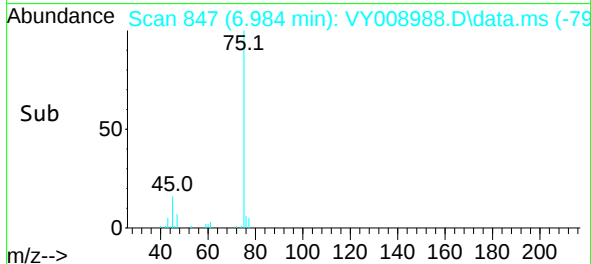
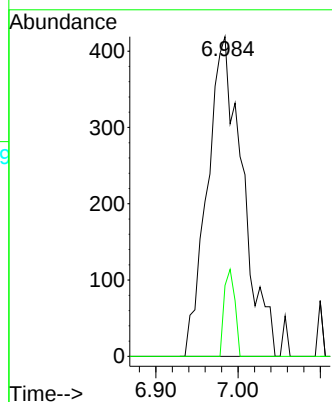
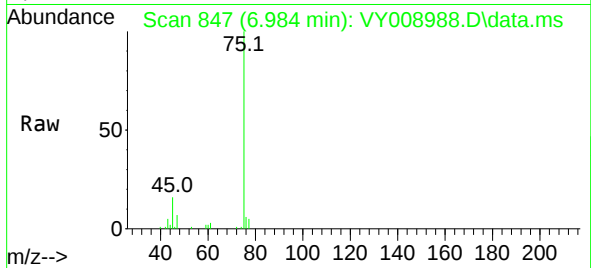




#25
2-Butanone
Concen: 2.769 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

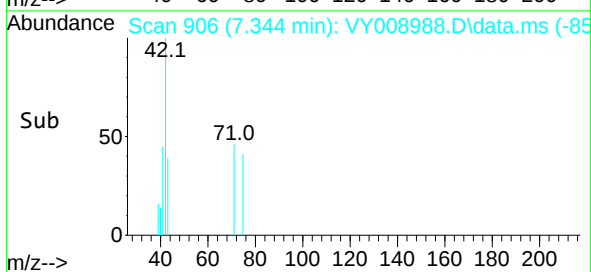
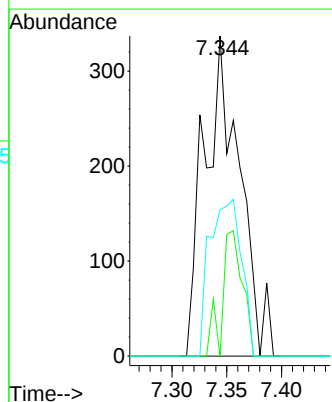
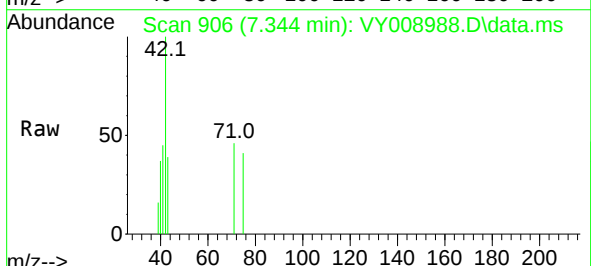
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

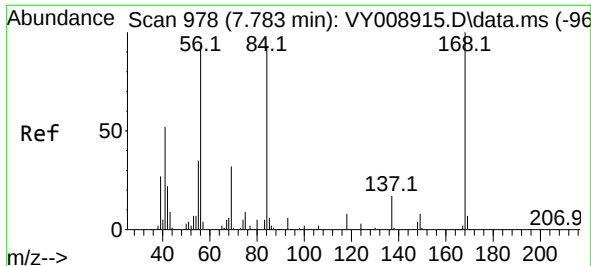
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
72 22.2 17.7 26.5



#29
Tetrahydrofuran
Concen: 2.462 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

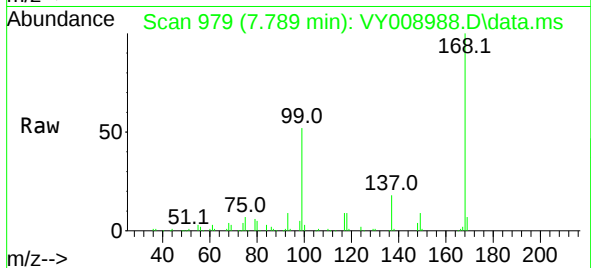
Tgt Ion: 42 Resp: 754
Ion Ratio Lower Upper
42 100
72 22.7 30.3 45.5#
71 44.3 29.0 43.4#



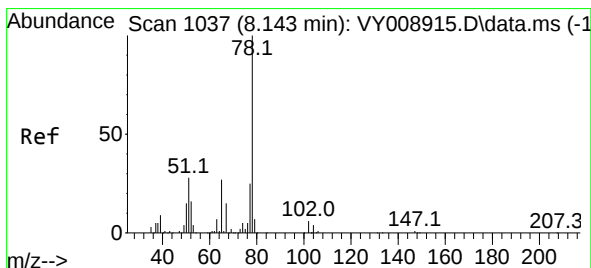
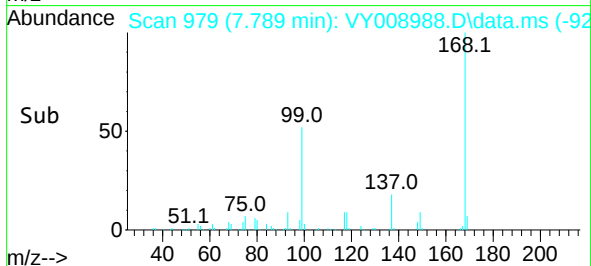
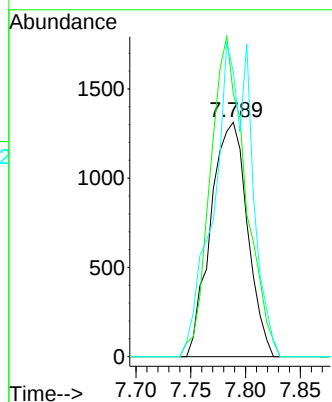


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

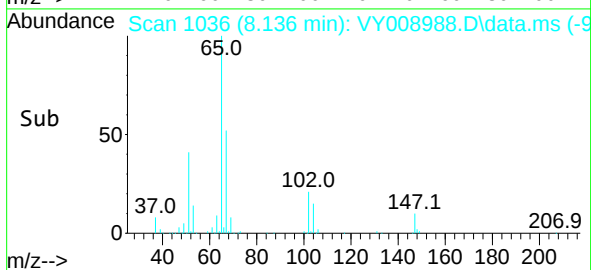
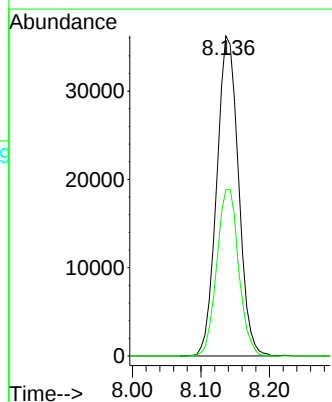
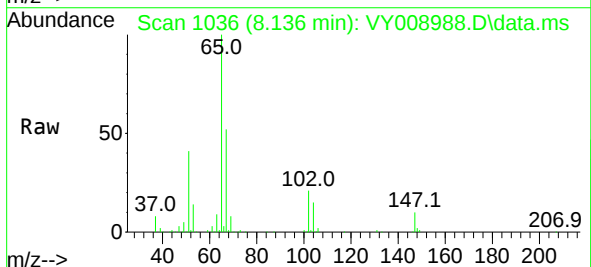


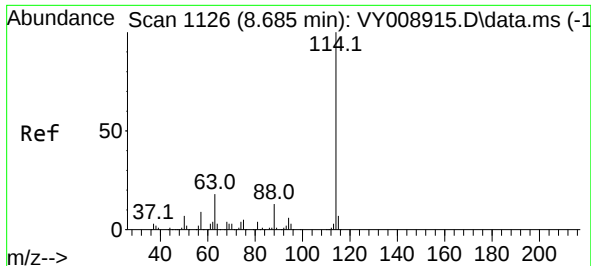
Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 112.1 26.7 40.1#
84 121.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.826 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Tgt Ion: 65 Resp: 79808
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# 11

Delta R.T. 0.000 min

Lab File: VY008988.D

Acq: 22 May 2022 07:45

Instrument :

MSVOA_Y

ClientSampleId :

P040-SS001-2430-01

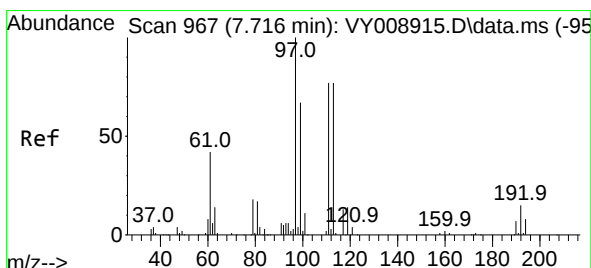
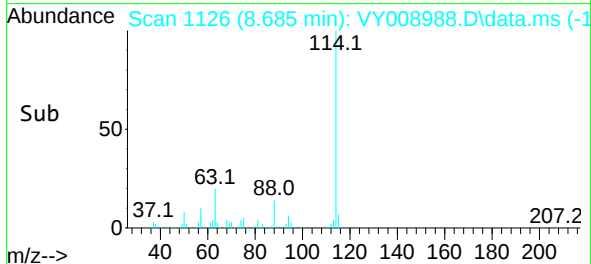
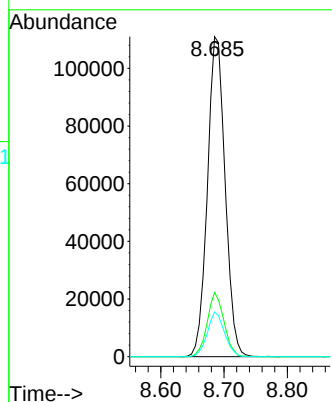
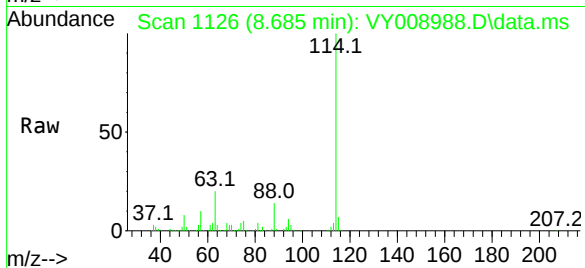
Tgt Ion:114 Resp: 216048

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.597 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008988.D

Acq: 22 May 2022 07:45

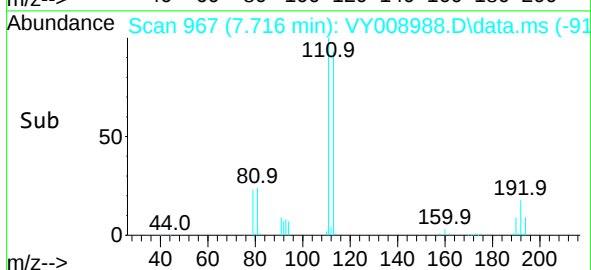
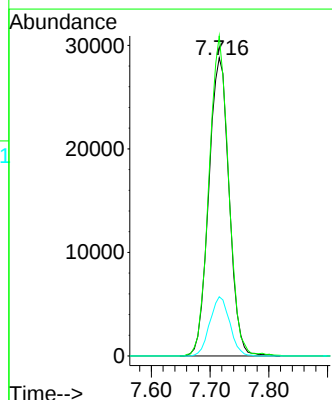
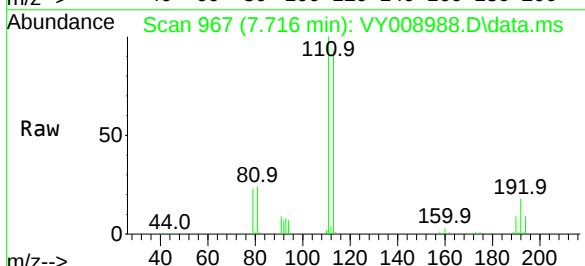
Tgt Ion:113 Resp: 69320

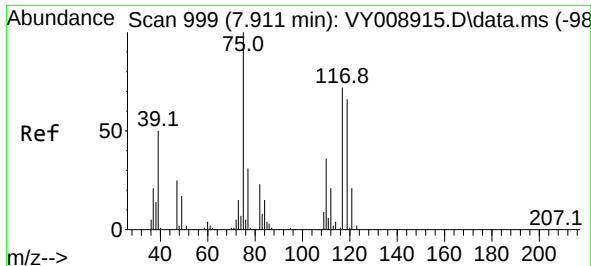
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.495 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008988.D

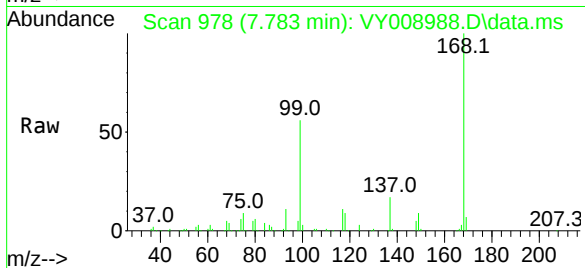
Acq: 22 May 2022 07:45

Instrument :

MSVOA_Y

ClientSampleId :

P040-SS001-2430-01



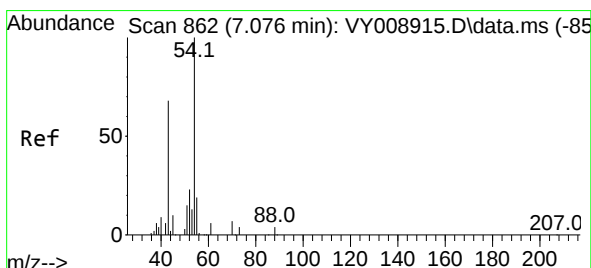
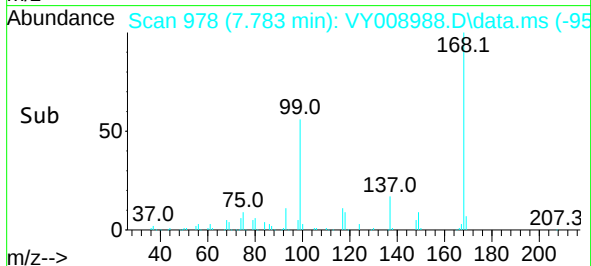
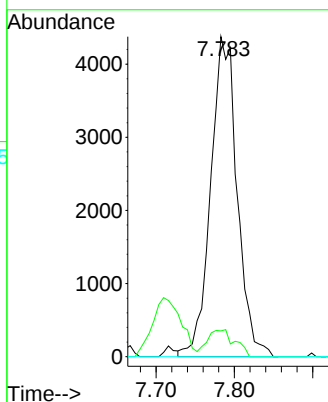
Tgt Ion: 75 Resp: 10278

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.052 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY008988.D

Acq: 22 May 2022 07:45

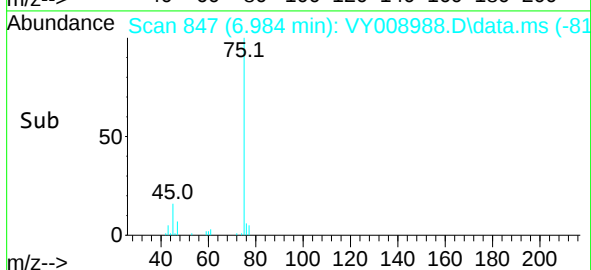
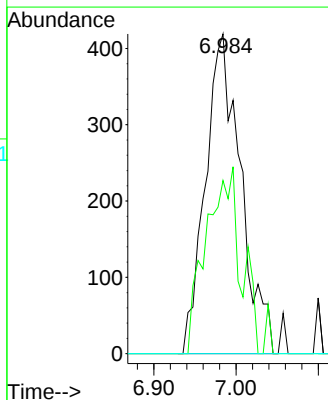
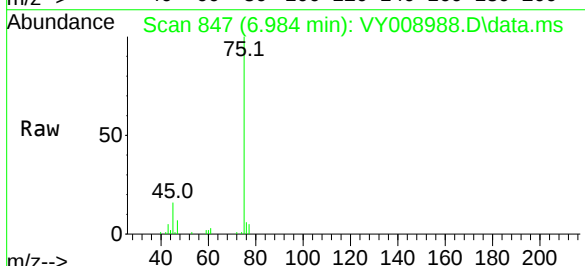
Tgt Ion: 43 Resp: 1248

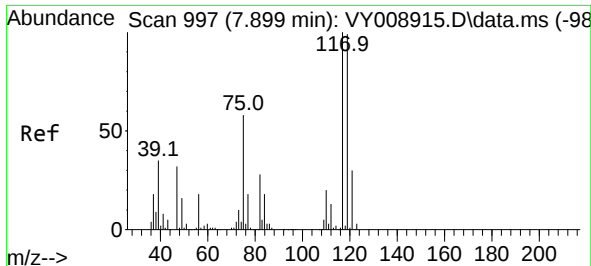
Ion Ratio Lower Upper

43 100

61 50.5 9.7 14.5#

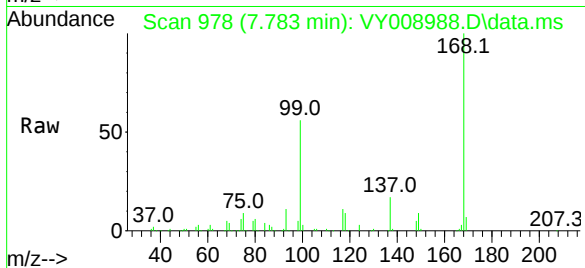
70 0.0 7.1 10.7#



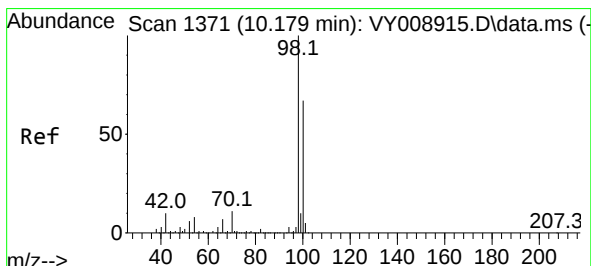
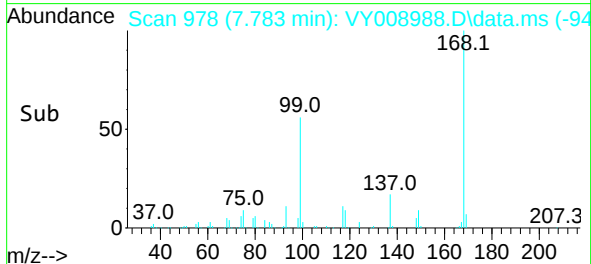
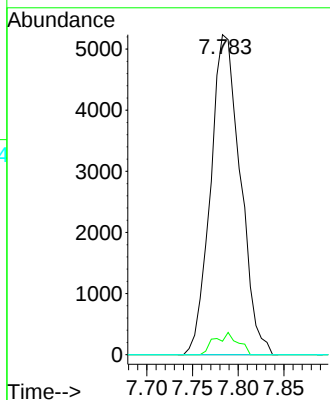


#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

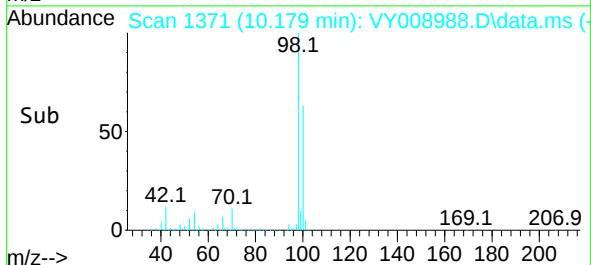
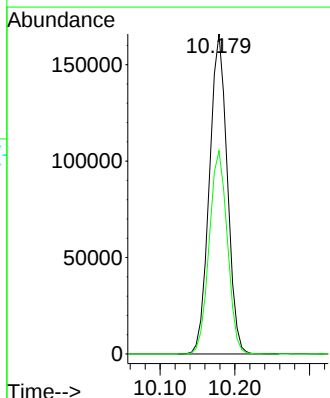
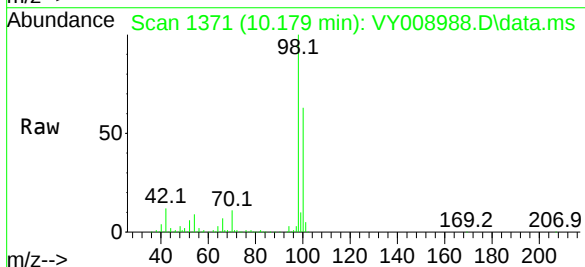


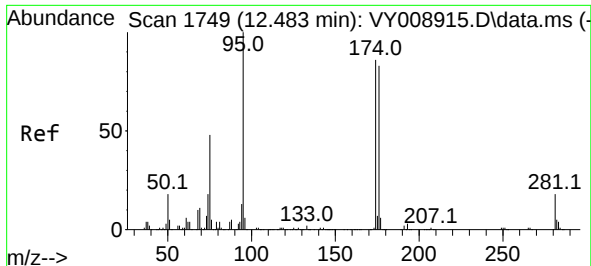
Tgt Ion:117 Resp: 11892
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.653 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

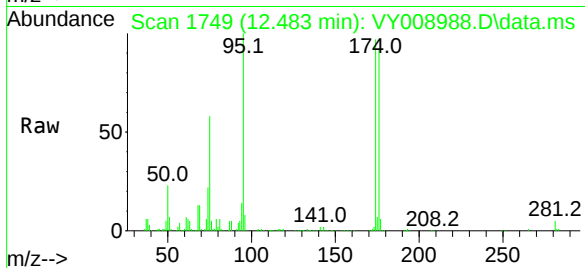
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Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



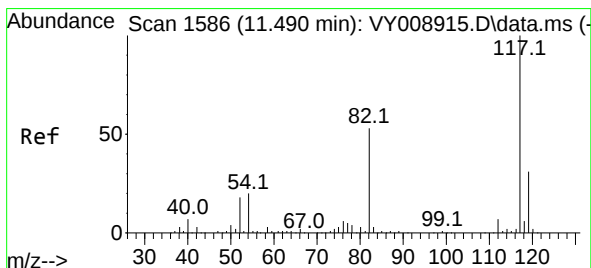
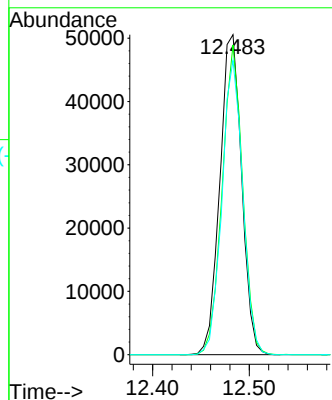
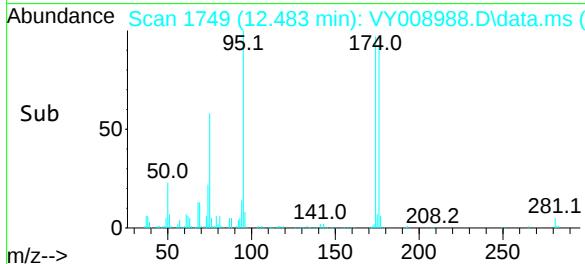


#62
4-Bromofluorobenzene
Concen: 39.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

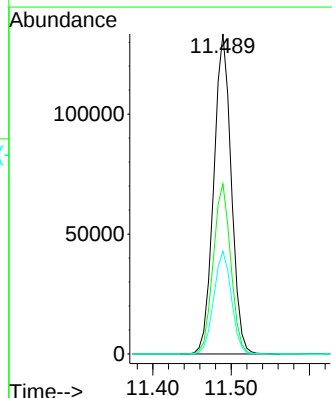
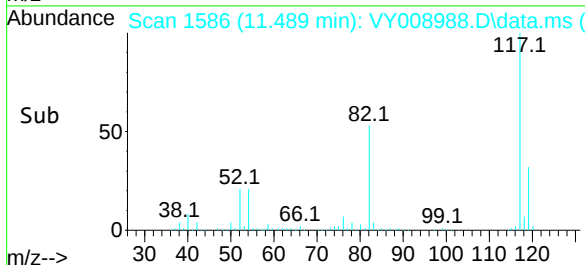
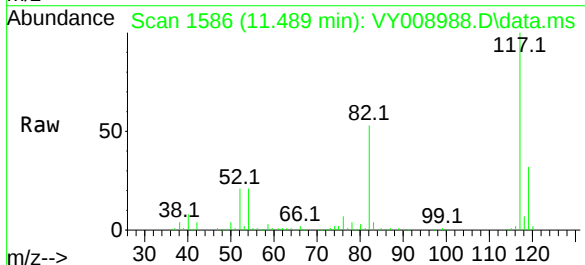


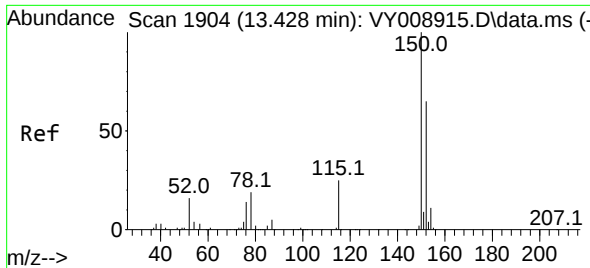
Tgt Ion: 95 Resp: 78920
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

Tgt Ion: 117 Resp: 207265
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.1 25.4 38.0

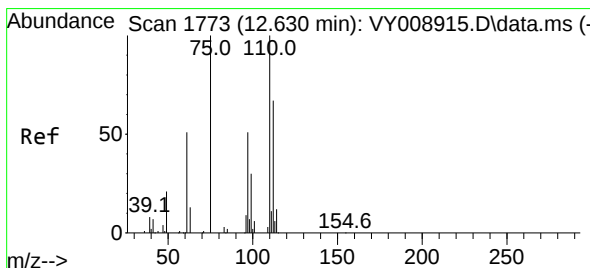
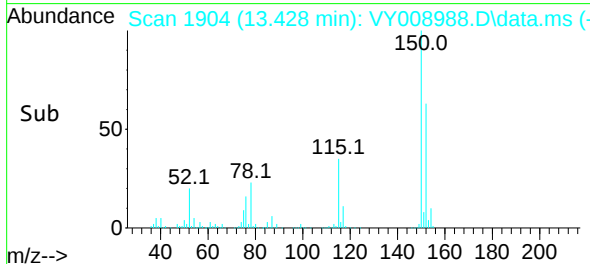
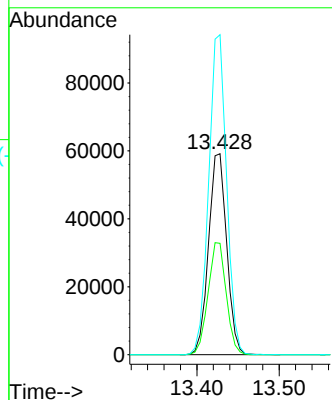
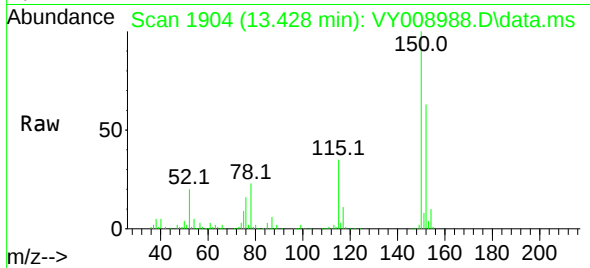




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

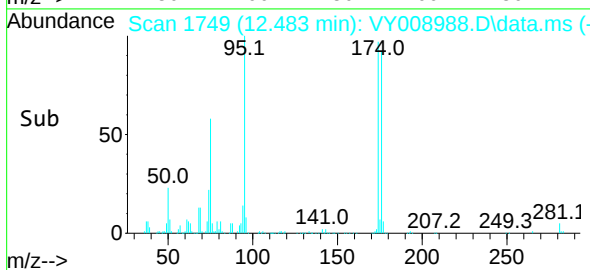
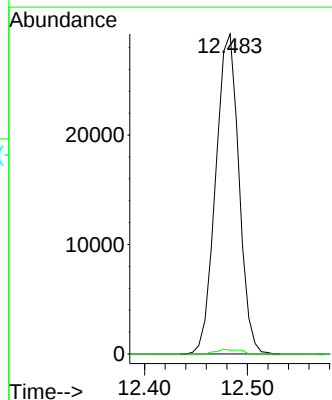
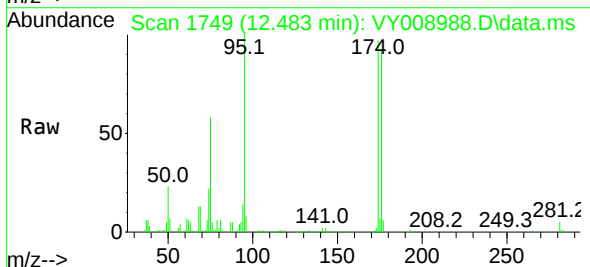
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-2430-01

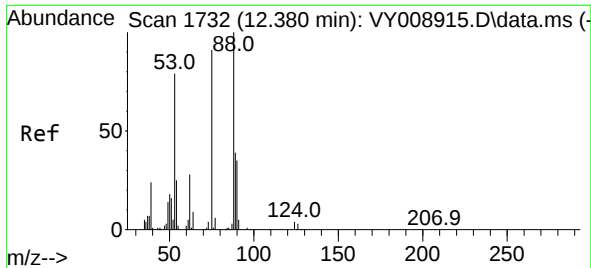
Tgt Ion:152 Resp: 90916
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008988.D
Acq: 22 May 2022 07:45

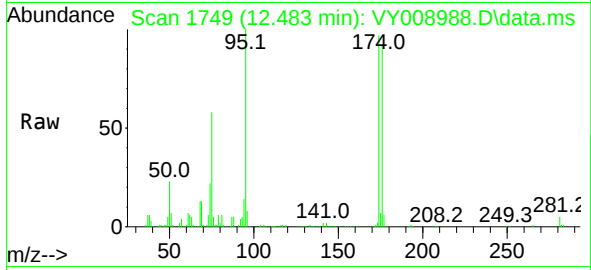
Tgt Ion: 75 Resp: 45789
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.261 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008988.D
 Acq: 22 May 2022 07:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-2430-01



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

