

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008399.D
 Acq On : 19 Apr 2022 16:30
 Operator : KP/MD
 Sample : N2427-08
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Apr 20 06:29:47 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)

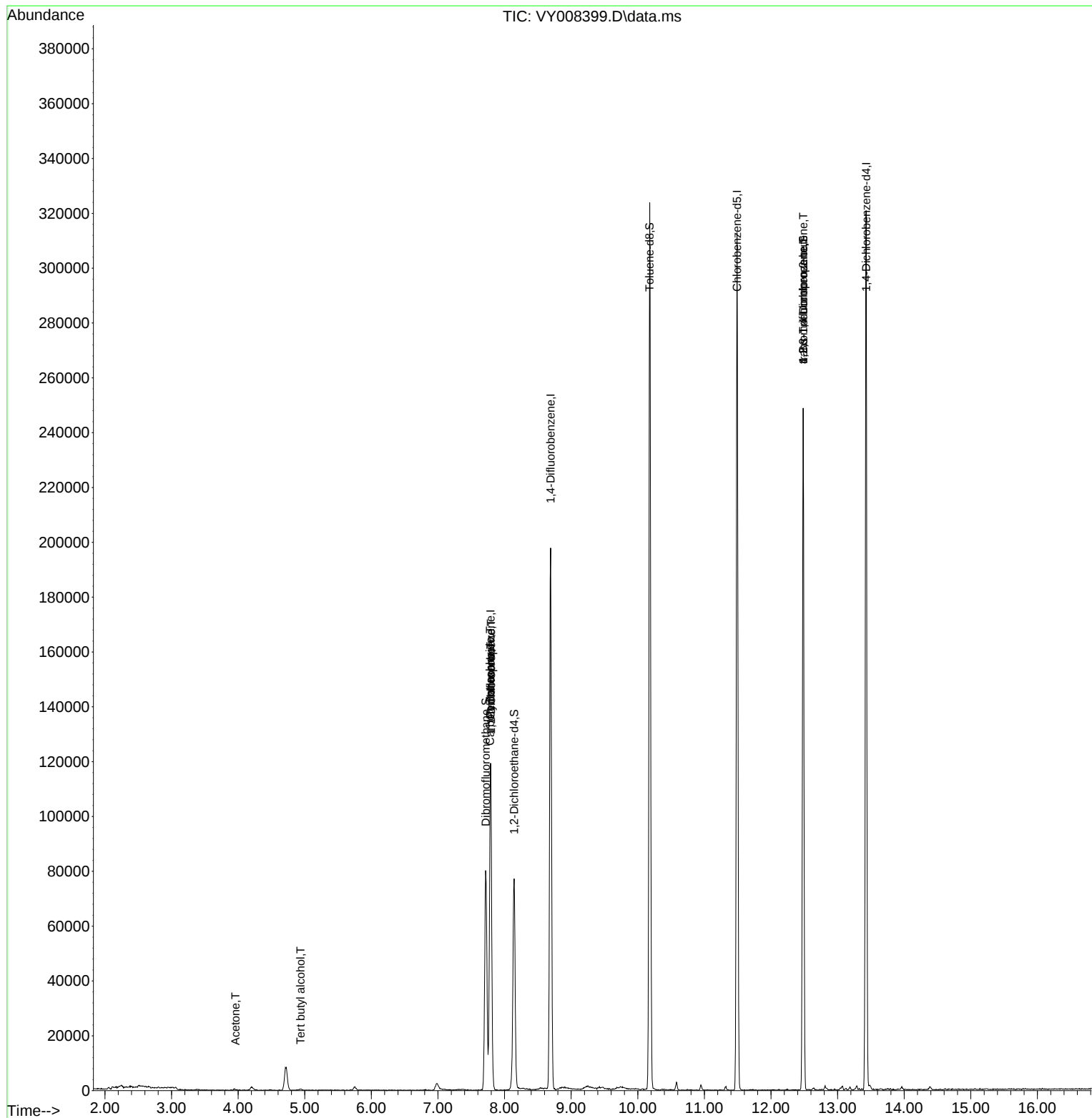
Internal Standards						
1) Pentafluorobenzene	7.789	168	94881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57369	64.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.740%			
35) Dibromofluoromethane	7.716	113	56717	56.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.200%			
50) Toluene-d8	10.179	98	214331	61.959	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 123.920%			
62) 4-Bromofluorobenzene	12.483	95	73394	56.409	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.820%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	131	Below Cal	#	44
5) Bromomethane	2.668	94	123	Below Cal	#	22
11) Tert butyl alcohol	4.936	59	372	3.904	ug/l #	77
16) Acetone	3.960	43	643	3.000	ug/l #	47
18) Methyl Acetate	4.466	43	312	Below Cal	#	56
20) Methylene Chloride	4.710	84	7061	Below Cal	#	75
31) Cyclohexane	7.789	56	1897	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7700	4.770	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9855	5.674	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	39331	44.347	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39331	99.225	ug/l #	7

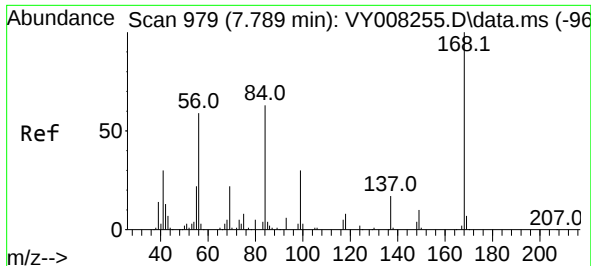
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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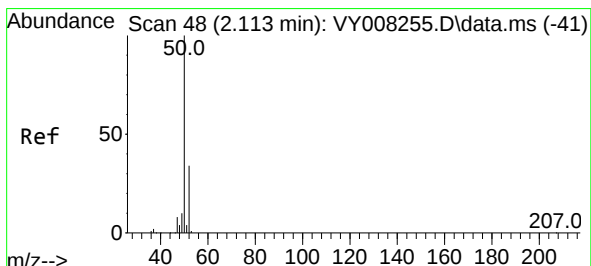
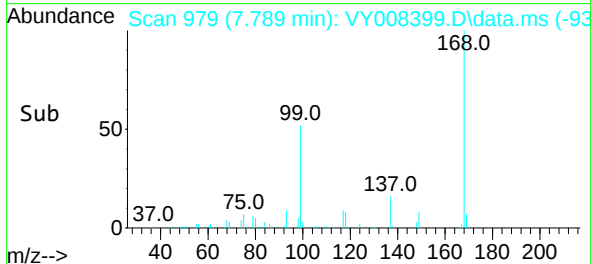
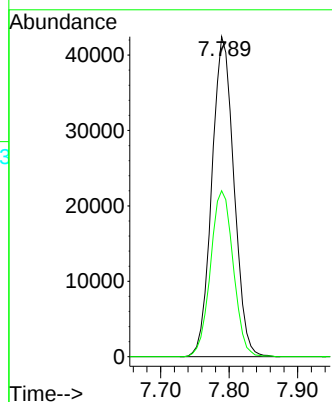
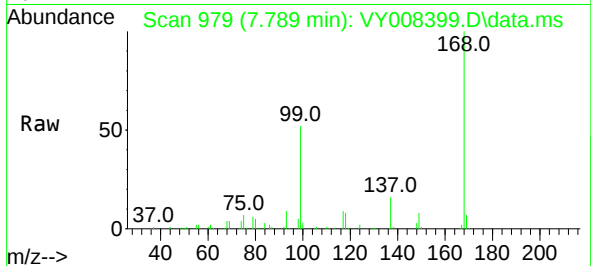




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

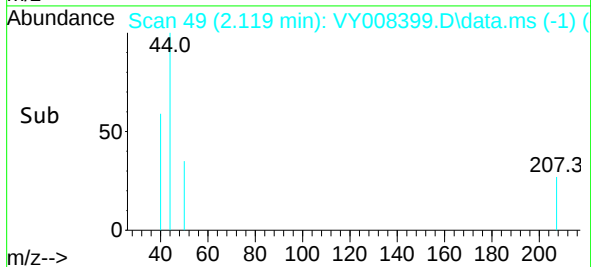
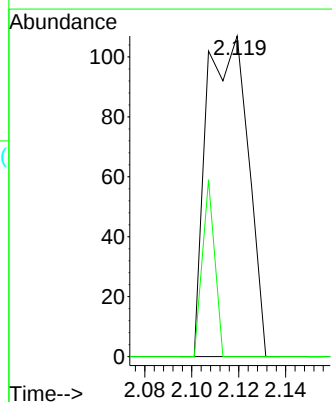
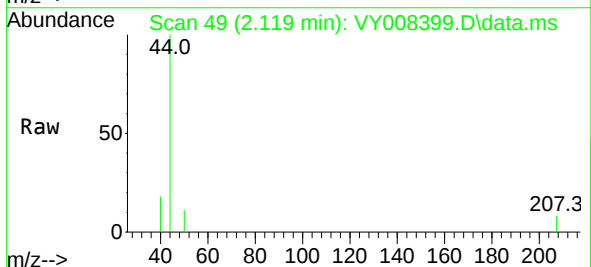
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

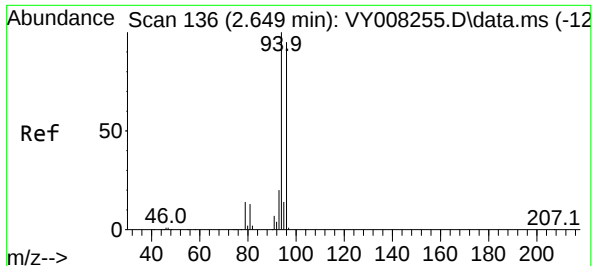
Tgt Ion:168 Resp: 94881
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

Tgt Ion: 50 Resp: 131
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

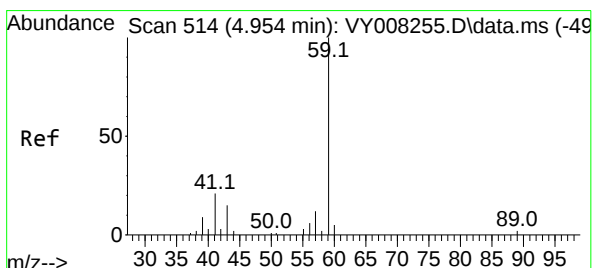
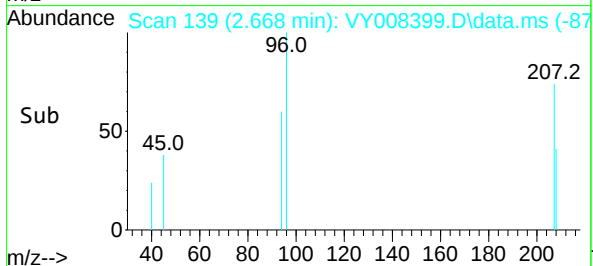
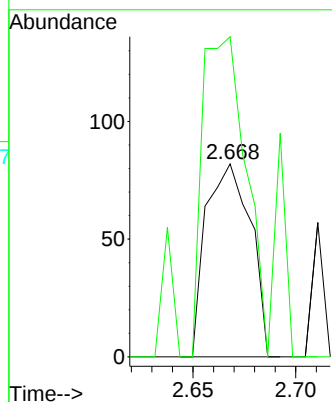
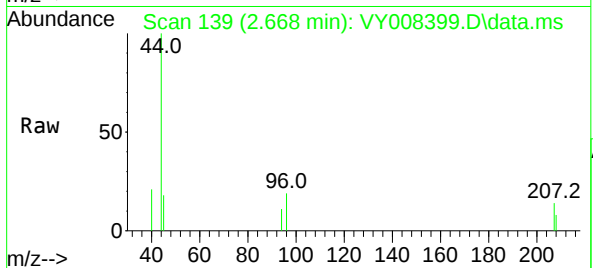




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

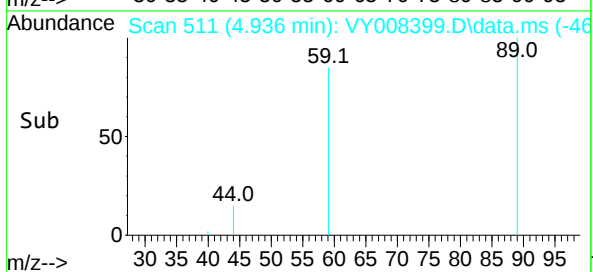
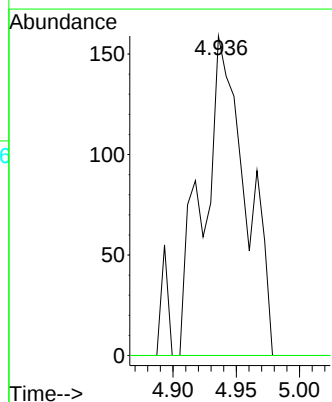
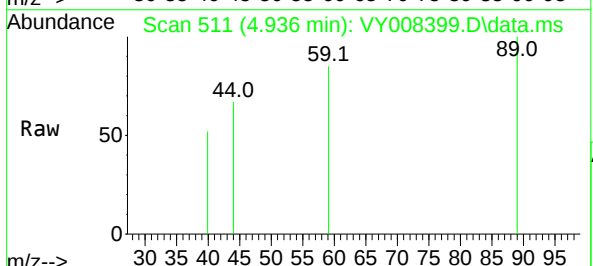
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

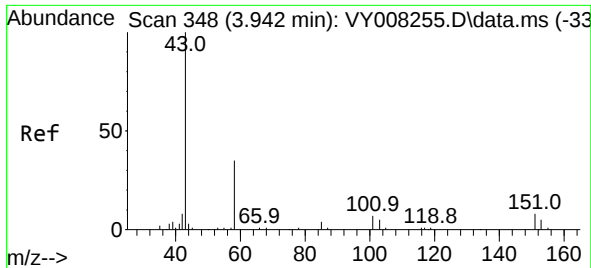
Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 165.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: 3.904 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

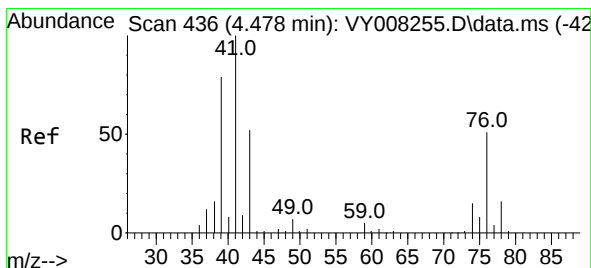
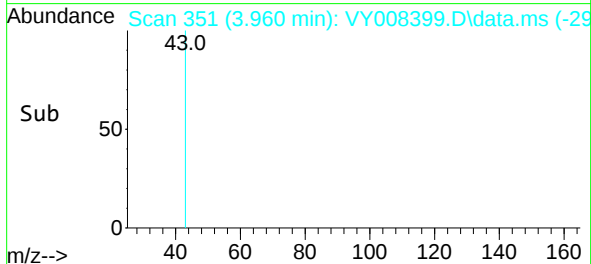
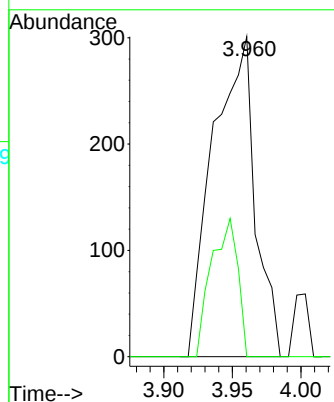
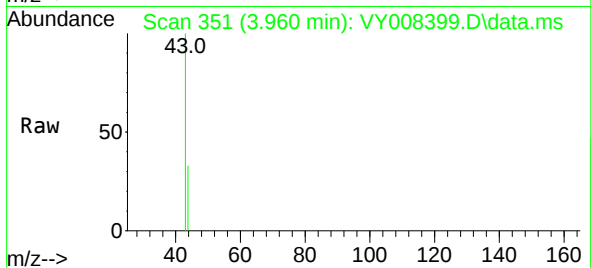




#16
Acetone
Concen: 3.000 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

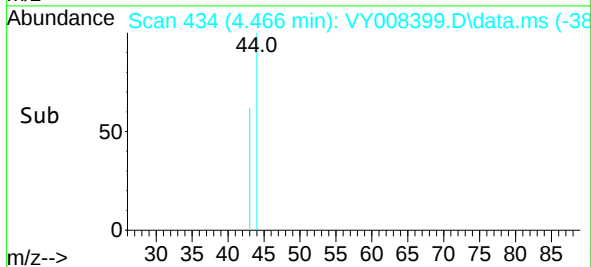
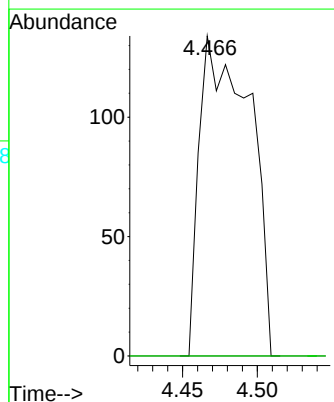
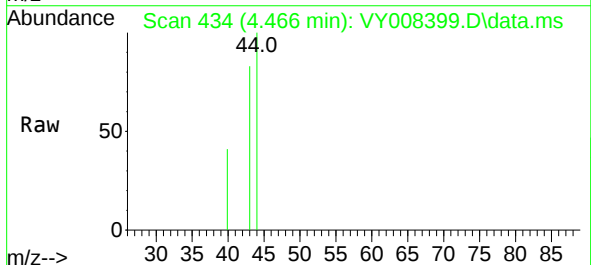
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

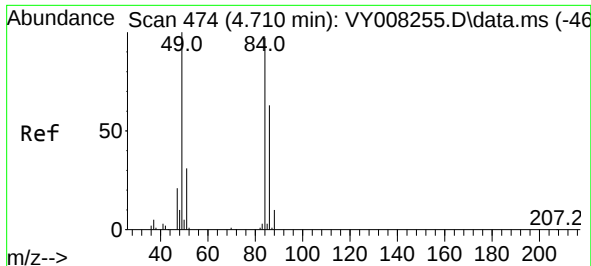
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008399.D

Acq: 19 Apr 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

Tgt Ion: 84 Resp: 7061

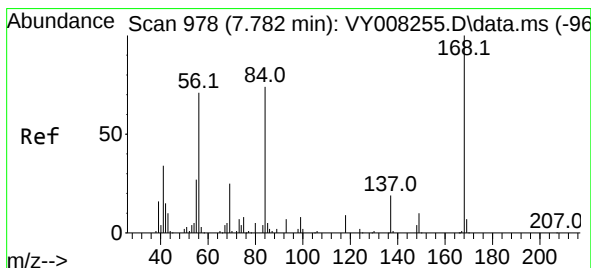
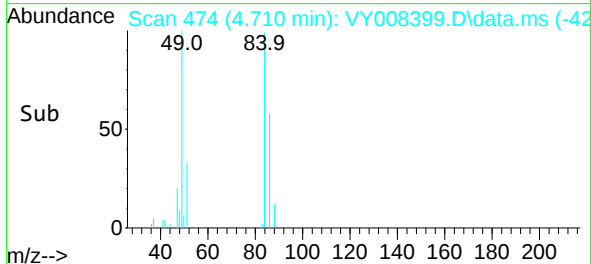
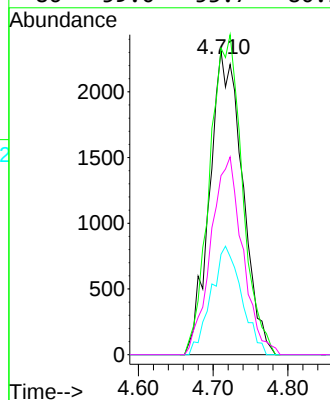
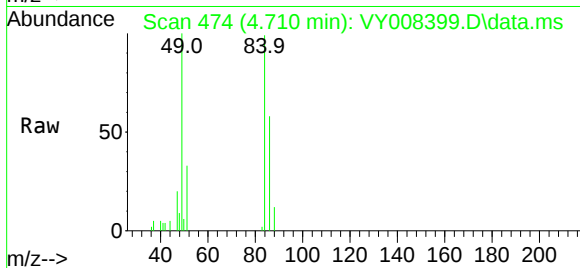
Ion Ratio Lower Upper

84 100

49 100.9 114.4 171.6#

51 33.0 35.3 52.9#

86 59.0 53.7 80.5



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.007 min

Lab File: VY008399.D

Acq: 19 Apr 2022 16:30

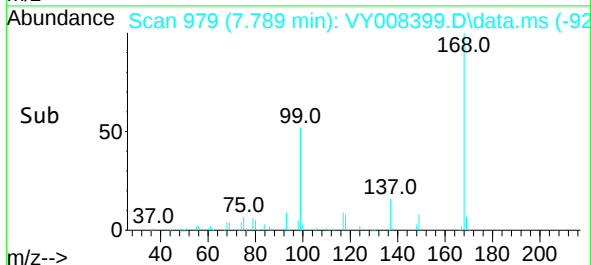
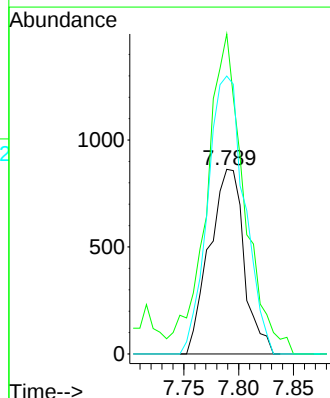
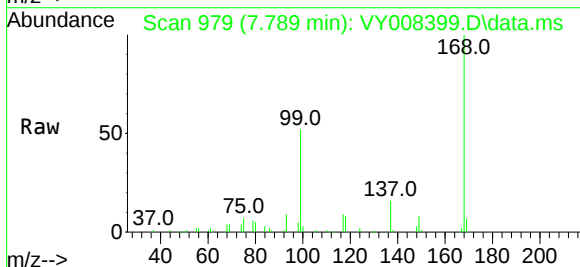
Tgt Ion: 56 Resp: 1897

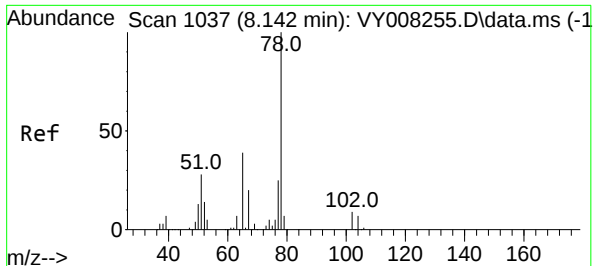
Ion Ratio Lower Upper

56 100

69 165.4 26.7 40.1#

84 150.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.370 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008399.D

Acq: 19 Apr 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

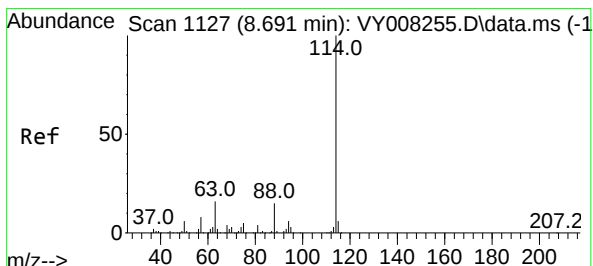
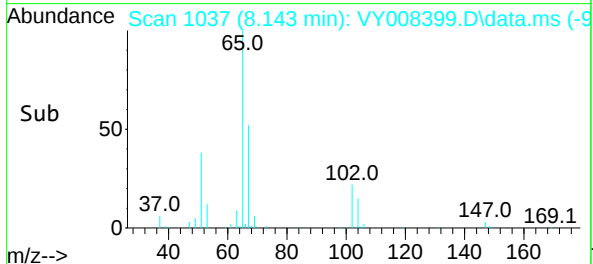
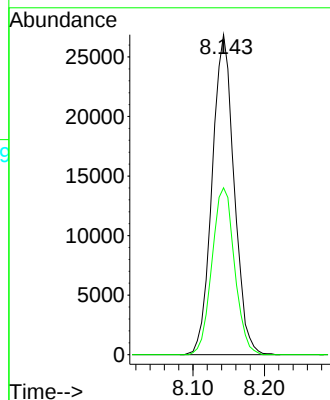
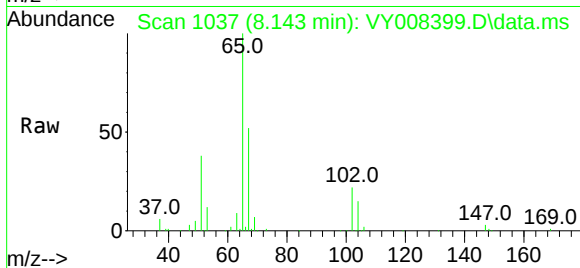
SB-8

Tgt Ion: 65 Resp: 57369

Ion Ratio Lower Upper

65 100

67 53.6 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: VY008399.D

Acq: 19 Apr 2022 16:30

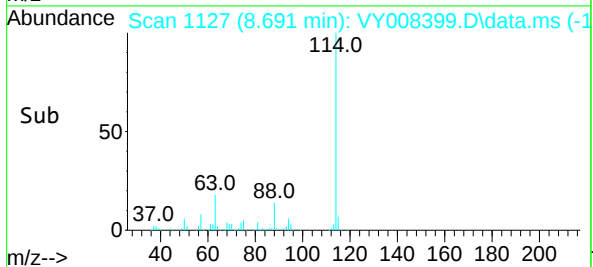
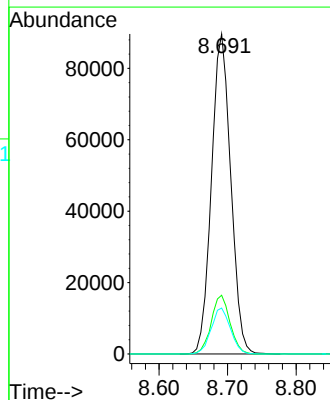
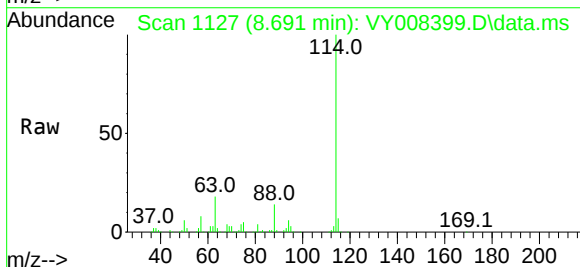
Tgt Ion: 114 Resp: 175031

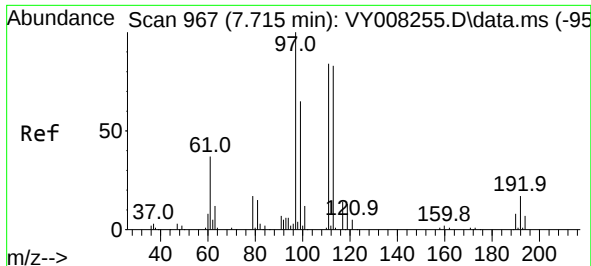
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.3 0.0 31.8

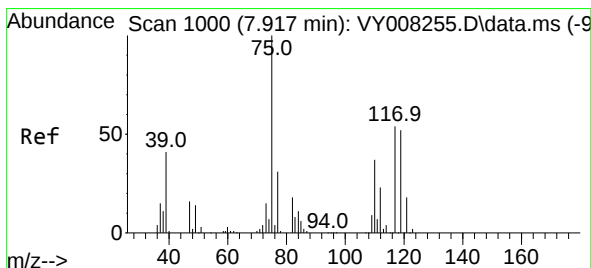
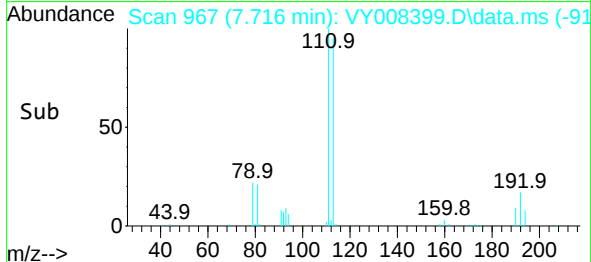
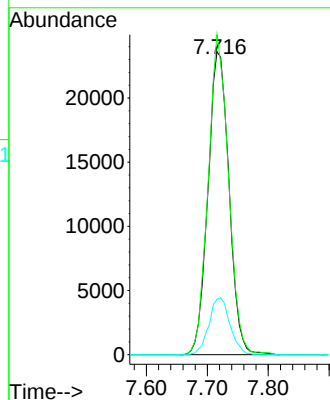
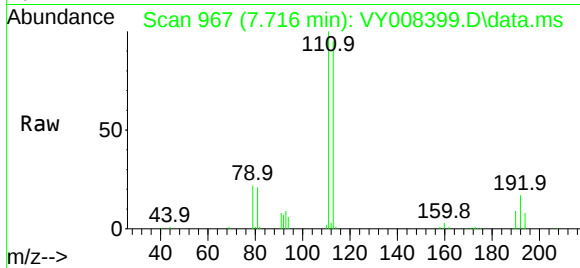




#35
Dibromofluoromethane
Concen: 56.103 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

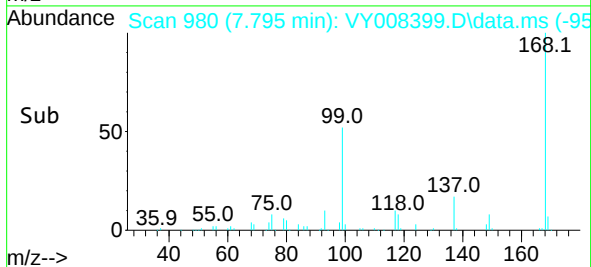
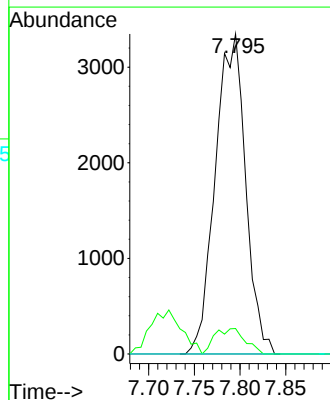
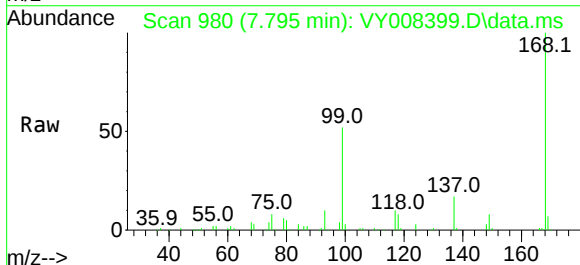
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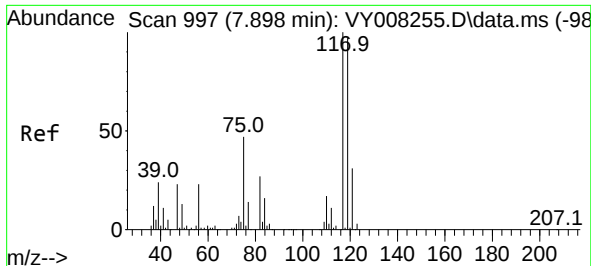
Tgt Ion:113 Resp: 56717
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

Tgt Ion: 75 Resp: 7700
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.4 36.6#

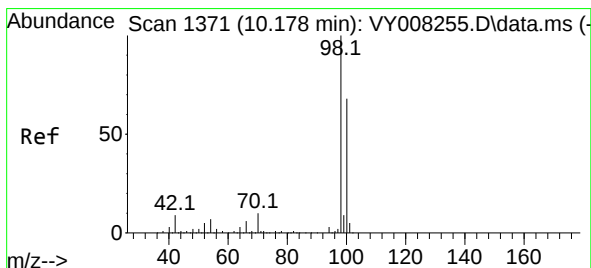
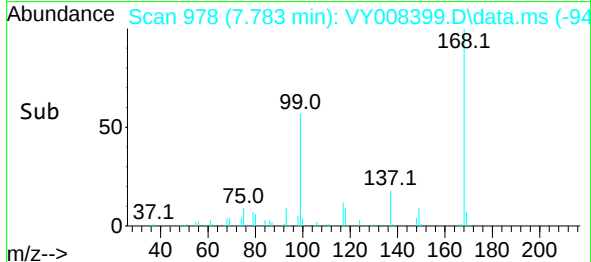
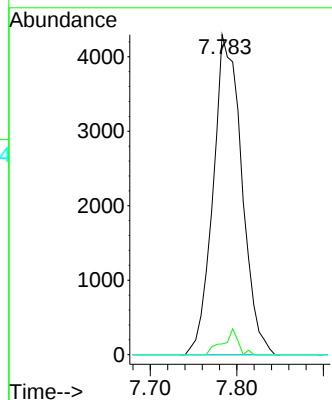
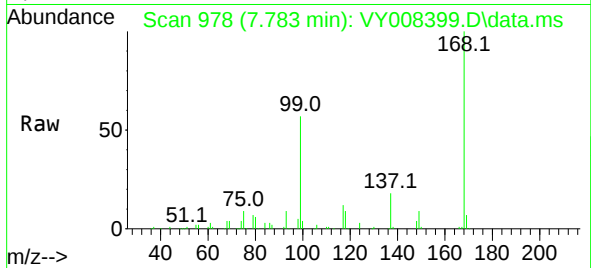




#38
Carbon Tetrachloride
Concen: 5.674 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

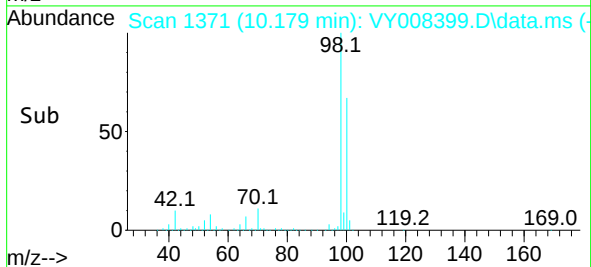
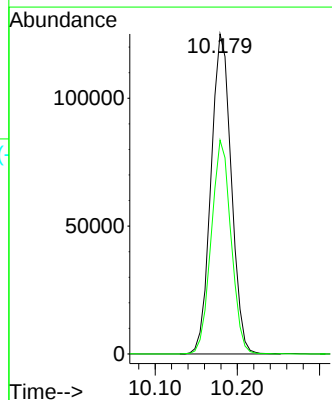
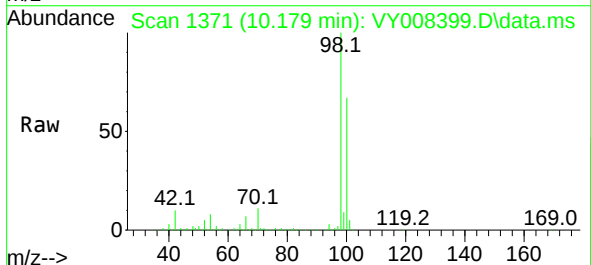
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

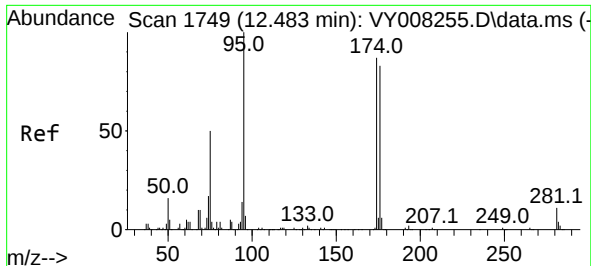
Tgt Ion:117 Resp: 9855
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.959 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

Tgt Ion: 98 Resp: 214331
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

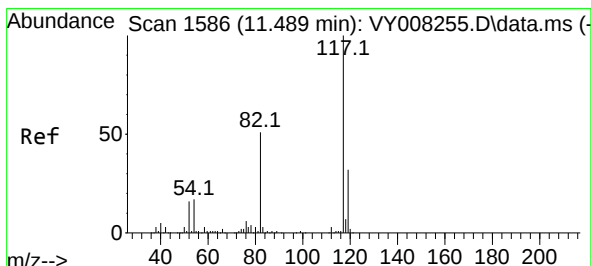
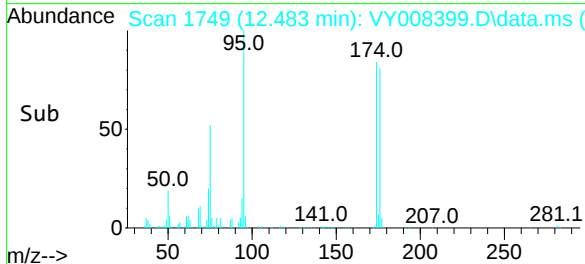
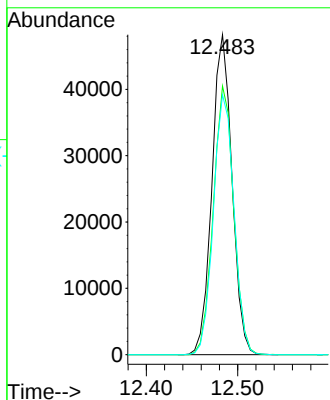
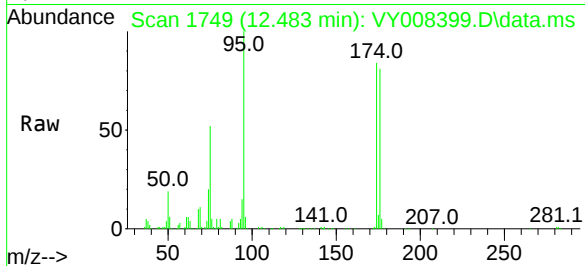




#62
4-Bromofluorobenzene
Concen: 56.409 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

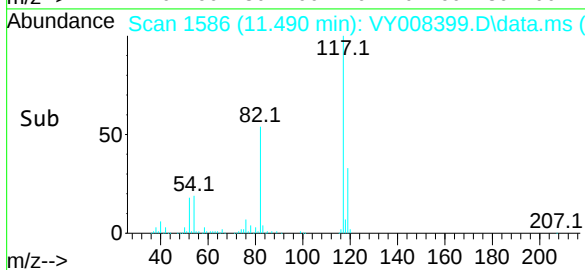
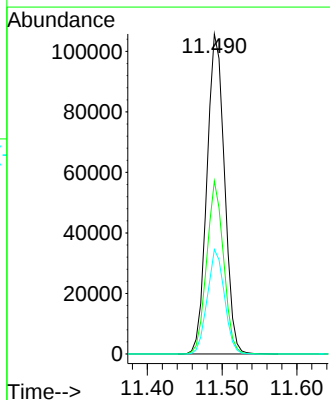
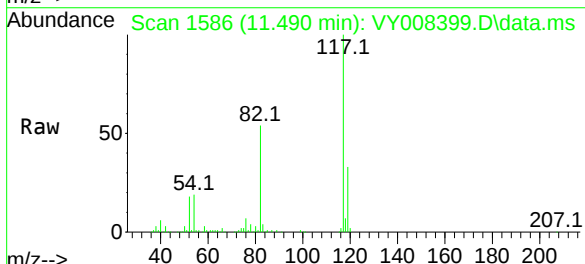
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

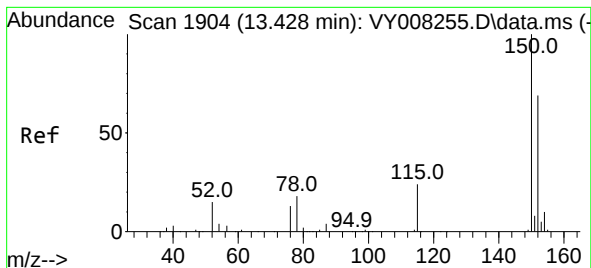
Tgt Ion: 95 Resp: 73394
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008399.D
Acq: 19 Apr 2022 16:30

Tgt Ion: 117 Resp: 172385
Ion Ratio Lower Upper
117 100
82 54.0 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: VY008399.D

Acq: 19 Apr 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

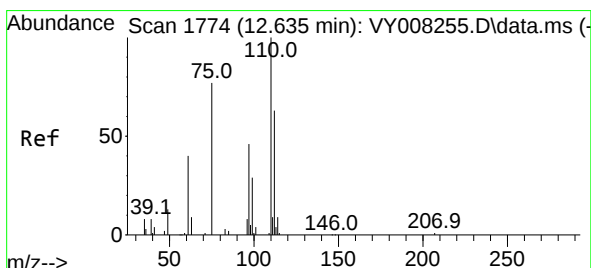
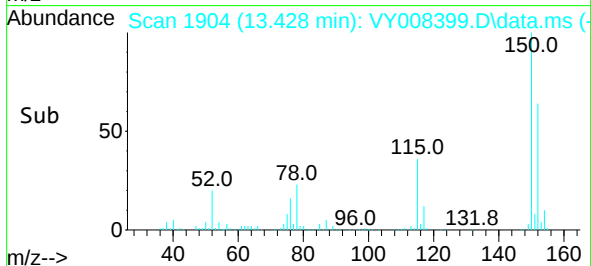
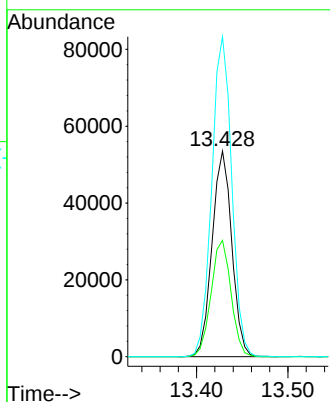
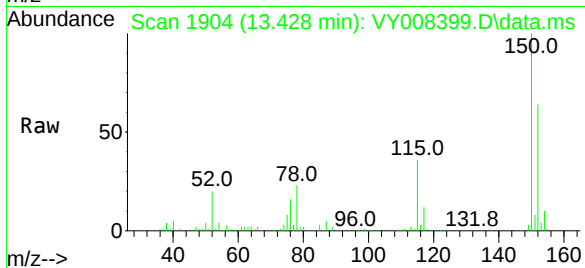
Tgt Ion:152 Resp: 80191

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 157.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 44.347 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008399.D

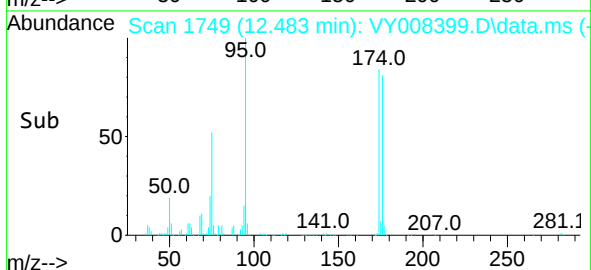
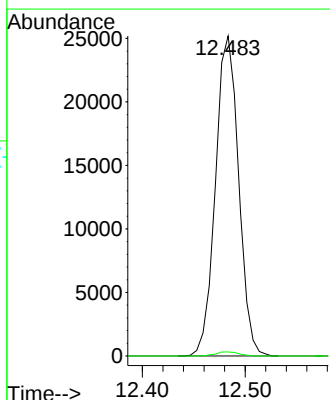
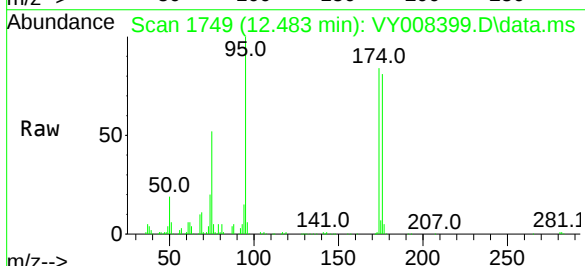
Acq: 19 Apr 2022 16:30

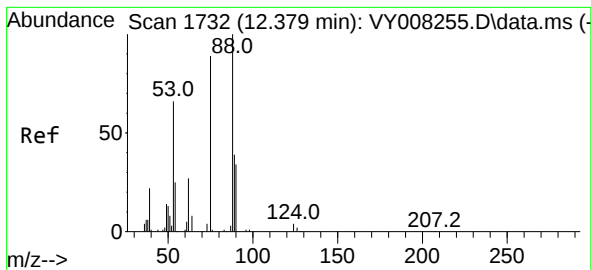
Tgt Ion: 75 Resp: 39331

Ion Ratio Lower Upper

75 100

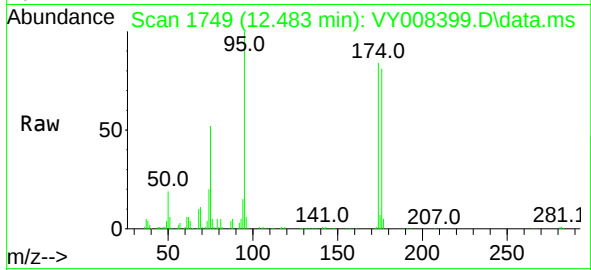
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.225 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008399.D
 Acq: 19 Apr 2022 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8



Tgt Ion: 75 Resp: 39331
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

