

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008519.D
 Acq On : 27 Apr 2022 12:04
 Operator : KP/MD
 Sample : N2572-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14D

Quant Time: Apr 28 01:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

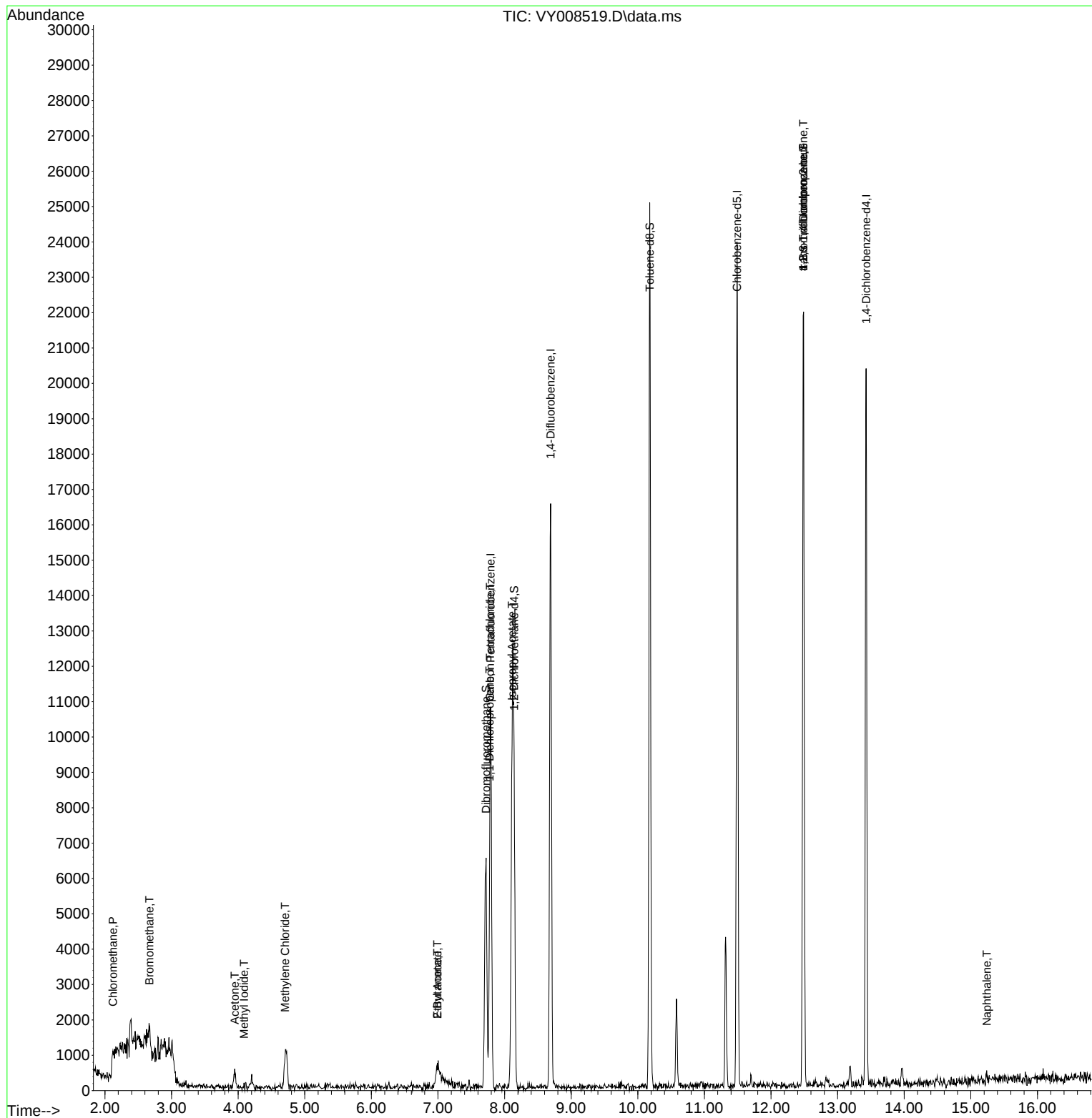
Internal Standards						
1) Pentafluorobenzene	7.789	168	8868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5043	48.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.722	113	4571	47.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.500%
50) Toluene-d8	10.178	98	16546	43.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.440%
62) 4-Bromofluorobenzene	12.483	95	5277	40.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	142	1.121	ug/l #	44
5) Bromomethane	2.668	94	432	2.822	ug/l	89
10) Methyl Iodide	4.088	142	94	2.371	ug/l #	35
16) Acetone	3.948	43	717	29.502	ug/l #	79
20) Methylene Chloride	4.704	84	965	1.671	ug/l #	53
25) 2-Butanone	6.990	43	196	5.213	ug/l #	54
36) 1,1-Dichloropropene	7.776	75	731	4.750	ug/l #	42
37) Ethyl Acetate	6.990	43	196	2.303	ug/l #	72
38) Carbon Tetrachloride	7.783	117	899	5.623	ug/l #	11
43) Isopropyl Acetate	8.112	43	202	1.291	ug/l #	3
76) 1,2,3-Trichloropropane	12.483	75	2944	43.738	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2944	101.468	ug/l #	7
95) Naphthalene	15.238	128	261	1.208	ug/l #	69

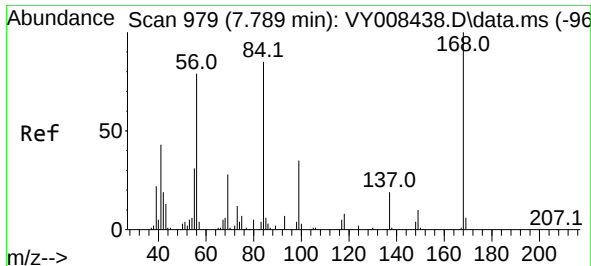
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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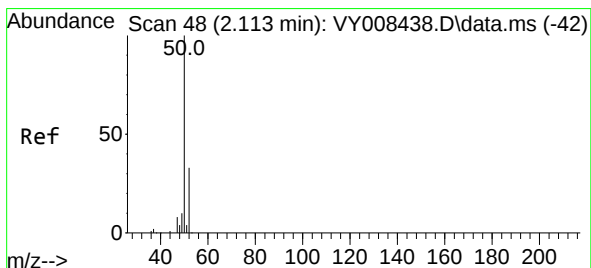
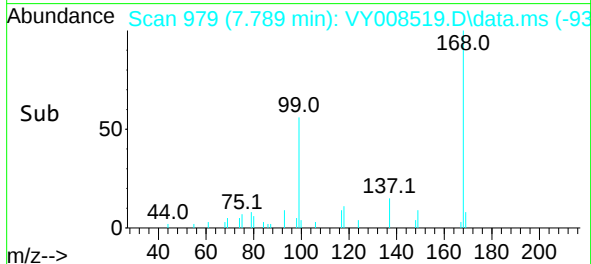
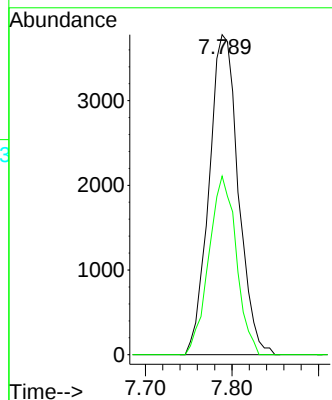
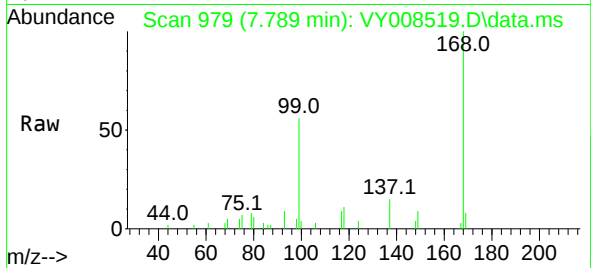




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

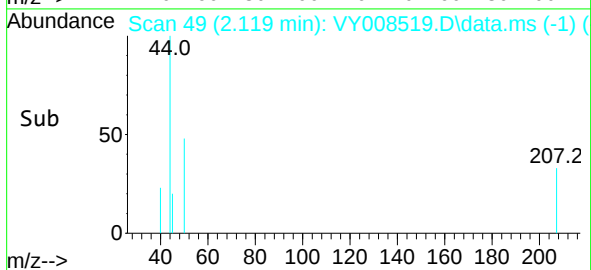
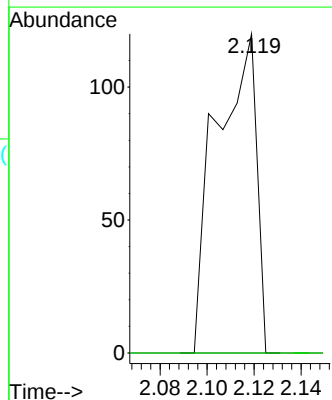
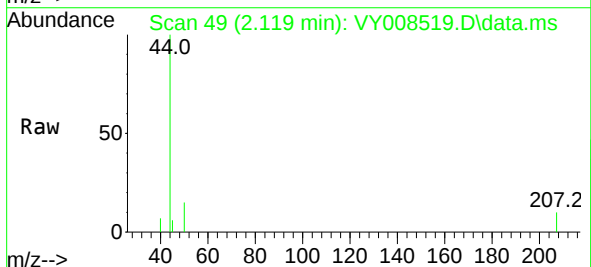
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

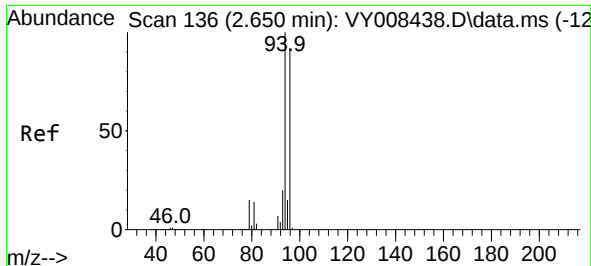
Tgt Ion:168 Resp: 8868
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#3
Chloromethane
Concen: 1.121 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 50 Resp: 142
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

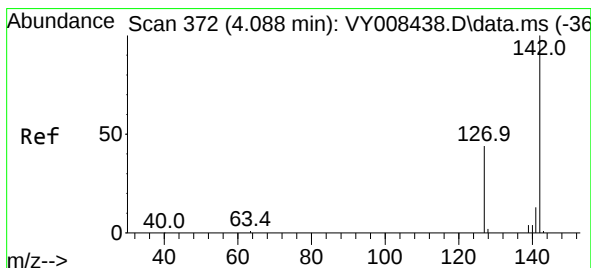
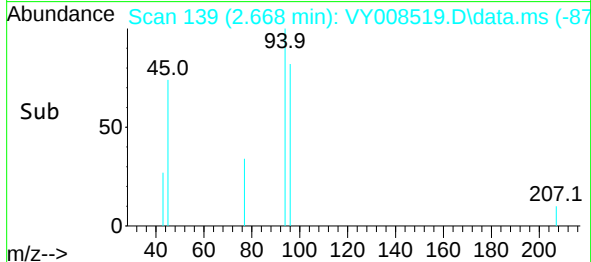
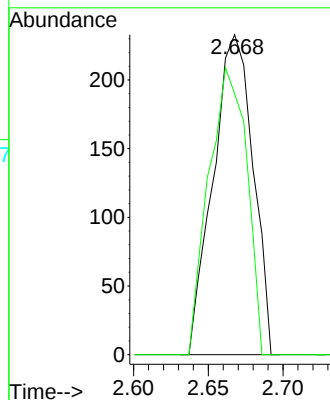
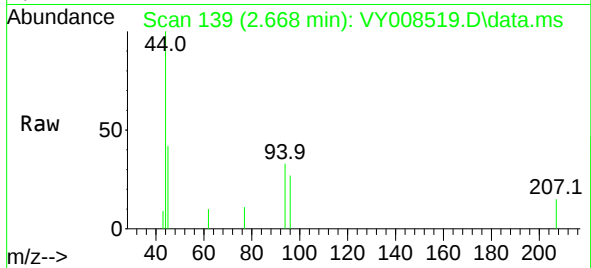




#5
Bromomethane
Concen: 2.822 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

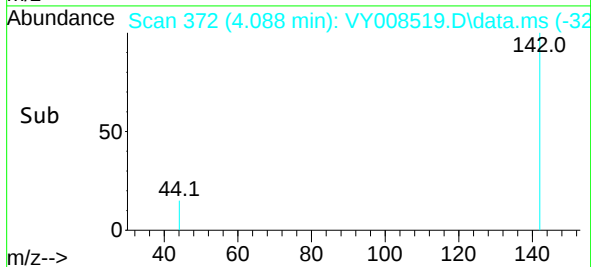
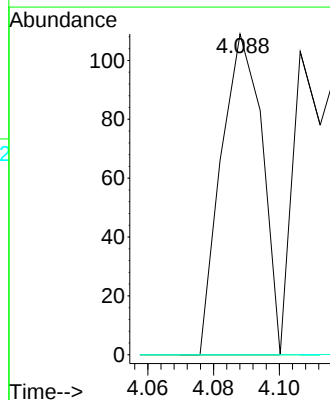
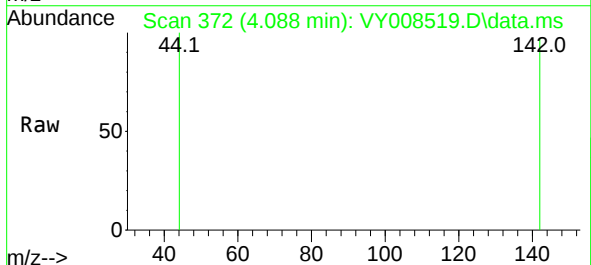
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

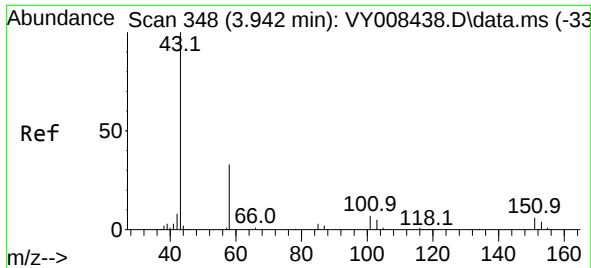
Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 81.5 73.5 110.3



#10
Methyl Iodide
Concen: 2.371 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 142 Resp: 94
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

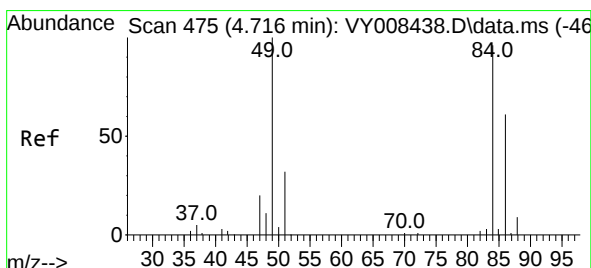
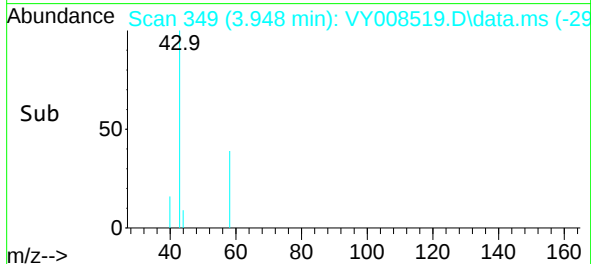
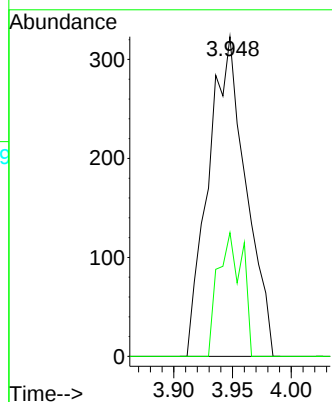
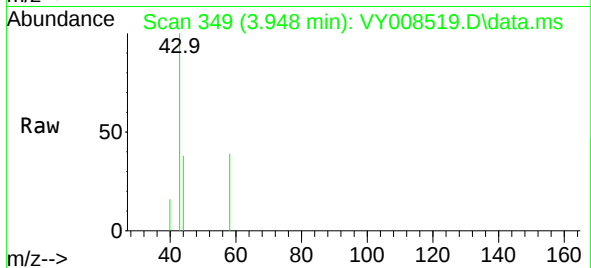




#16
Acetone
Concen: 29.502 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

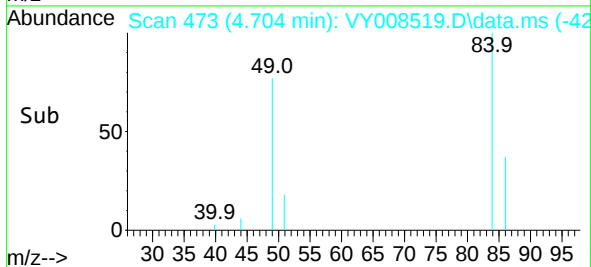
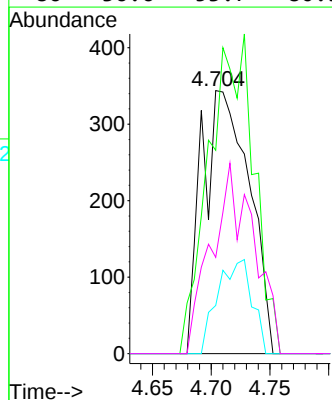
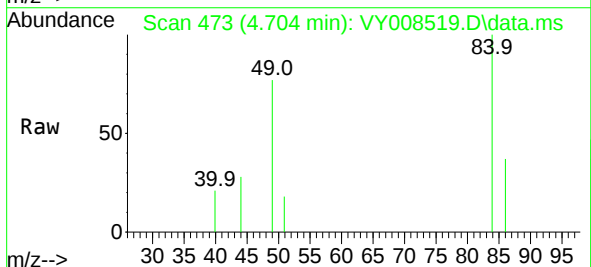
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

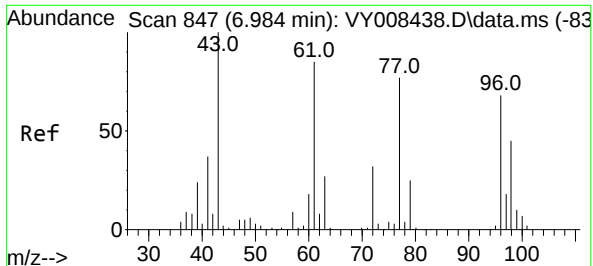
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 38.7 22.0 33.0#



#20
Methylene Chloride
Concen: 1.671 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 84 Resp: 965
Ion Ratio Lower Upper
84 100
49 77.3 114.4 171.6#
51 18.3 35.3 52.9#
86 36.6 53.7 80.5#





#25

2-Butanone

Concen: 5.213 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008519.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

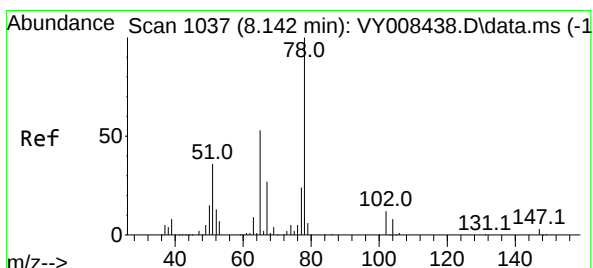
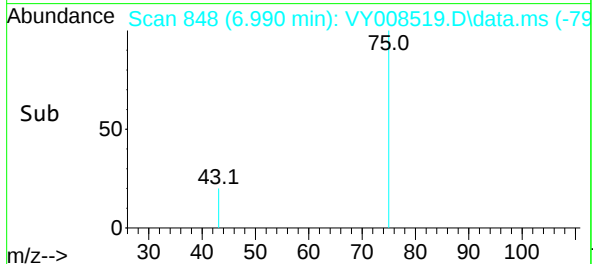
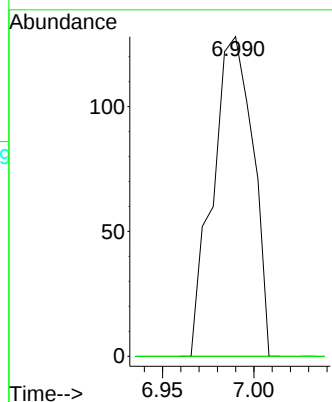
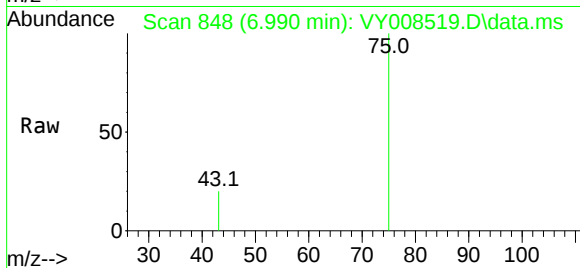
MH-14D

Tgt Ion: 43 Resp: 196

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 48.331 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008519.D

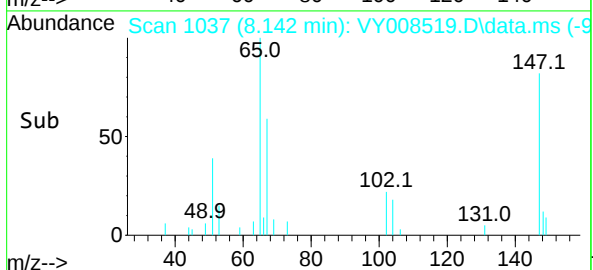
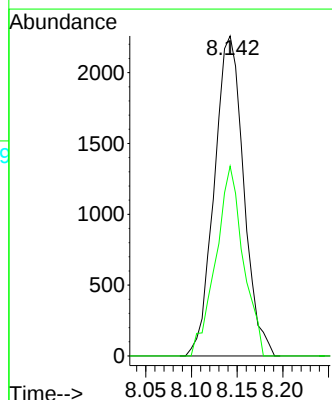
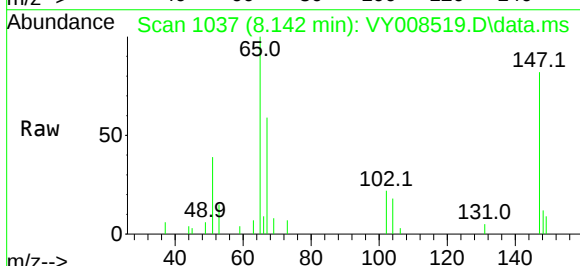
Acq: 27 Apr 2022 12:04

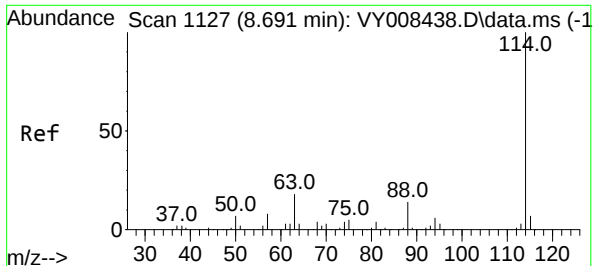
Tgt Ion: 65 Resp: 5043

Ion Ratio Lower Upper

65 100

67 55.4 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: VY008519.D

Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

MH-14D

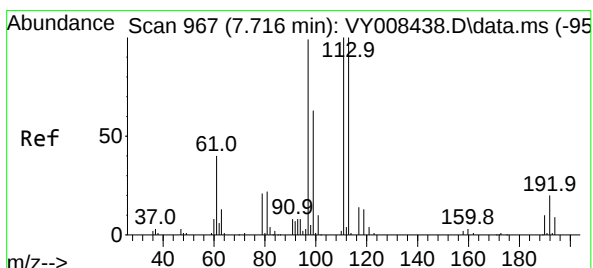
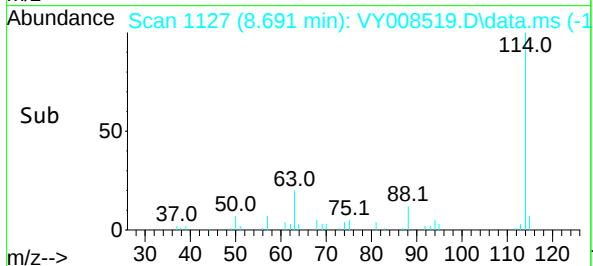
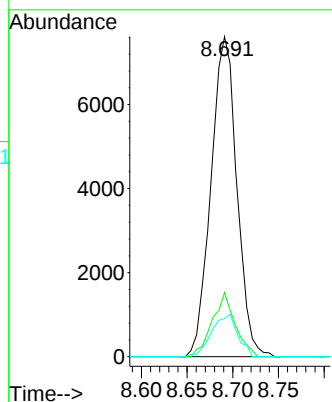
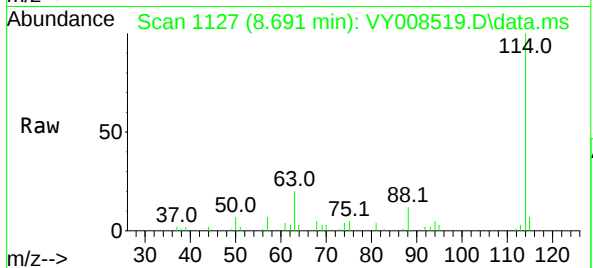
Tgt Ion:114 Resp: 14990

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 11.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.249 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008519.D

Acq: 27 Apr 2022 12:04

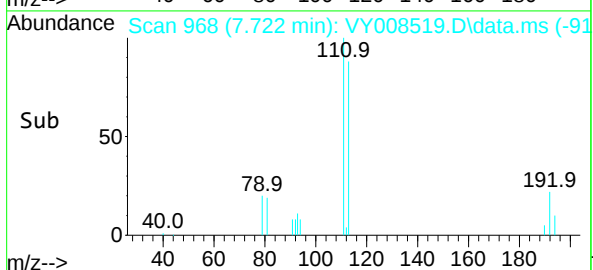
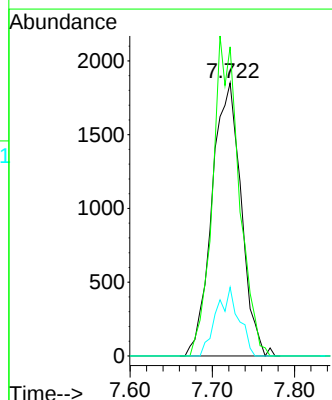
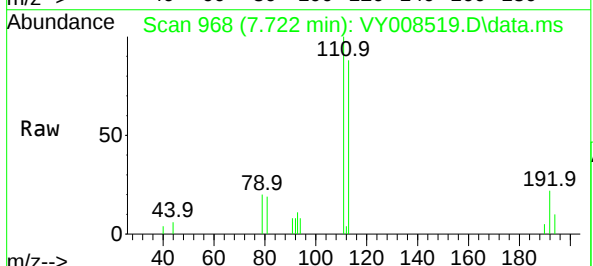
Tgt Ion:113 Resp: 4571

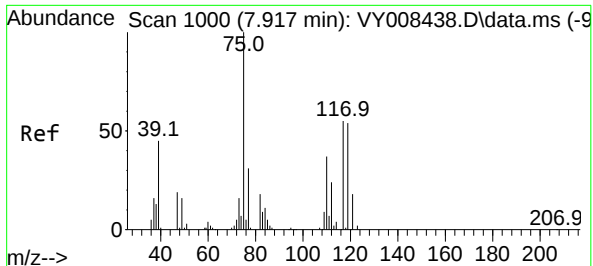
Ion Ratio Lower Upper

113 100

111 106.3 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.750 ug/l

RT: 7.776 min Scan# 91

Delta R.T. -0.141 min

Lab File: VY008519.D

Acq: 27 Apr 2022 12:04

Instrument :

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ClientSampleId :

MH-14D

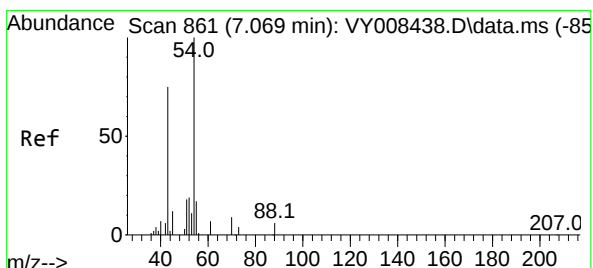
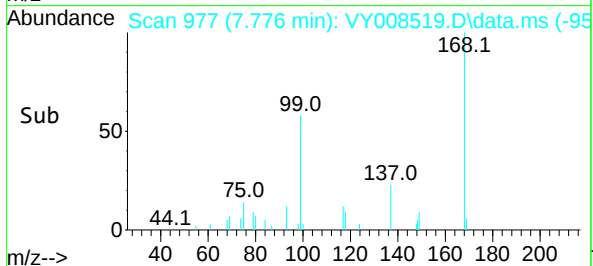
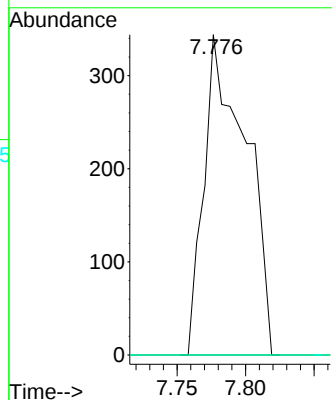
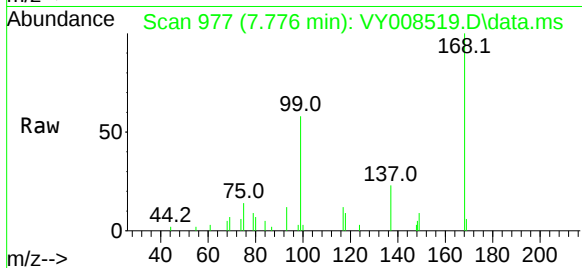
Tgt Ion: 75 Resp: 731

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 2.303 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.079 min

Lab File: VY008519.D

Acq: 27 Apr 2022 12:04

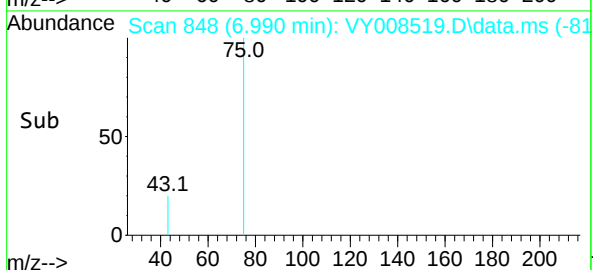
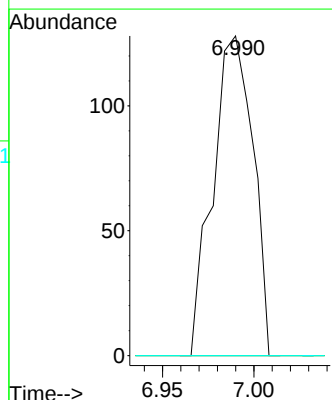
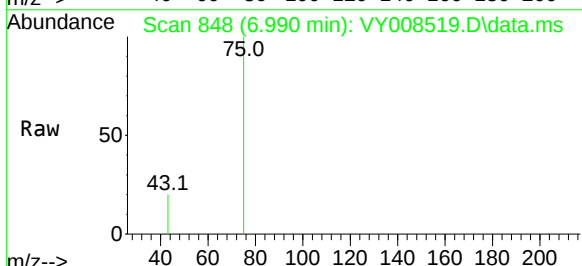
Tgt Ion: 43 Resp: 196

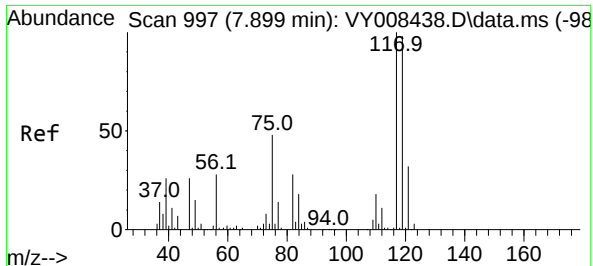
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

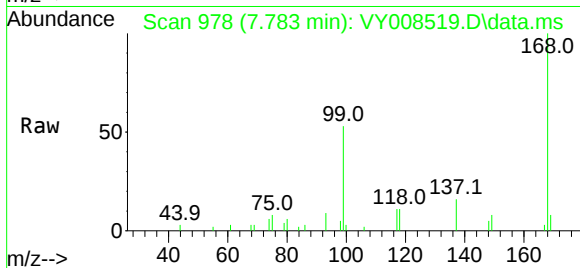
70 0.0 7.1 10.7#



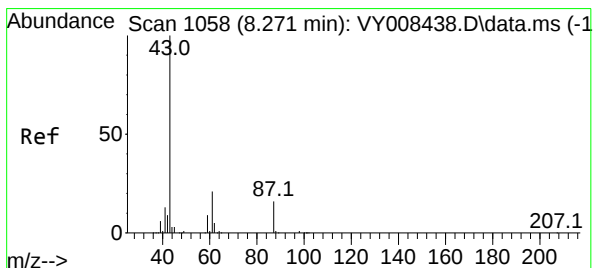
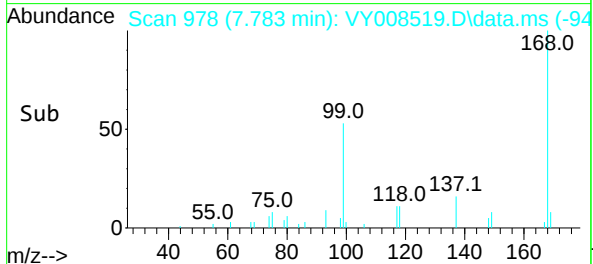
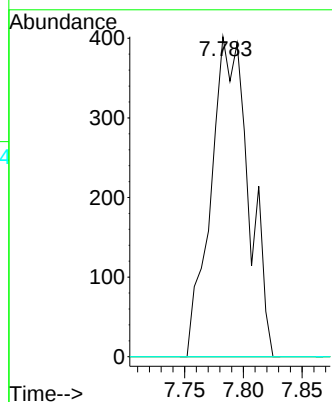


#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

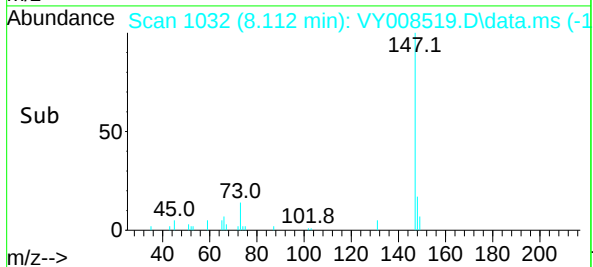
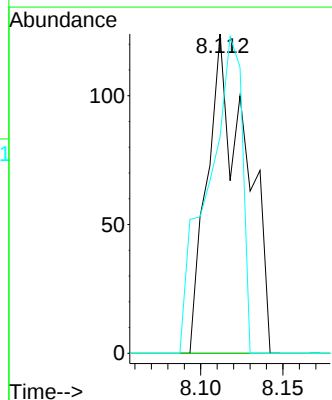
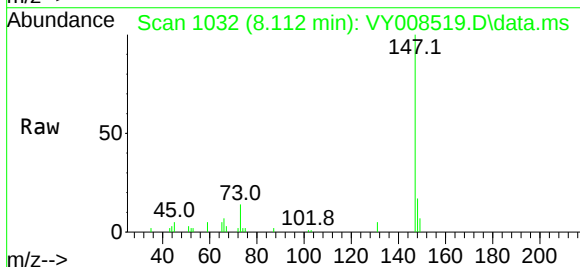


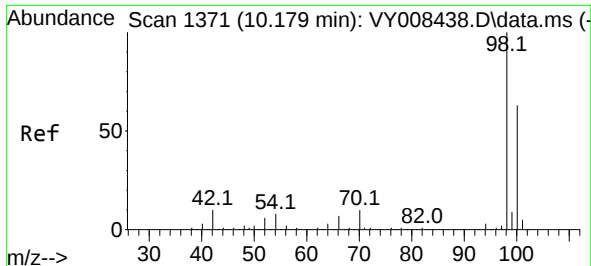
Tgt Ion:117 Resp: 899
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.291 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.159 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 88.6 8.9 13.3#

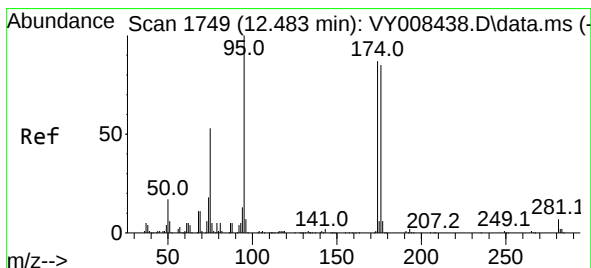
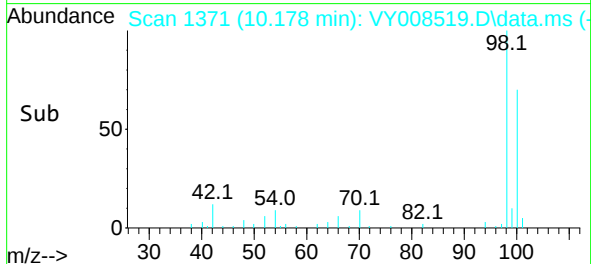
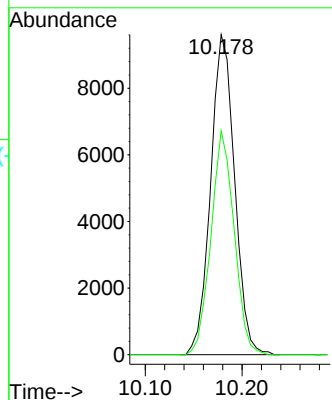
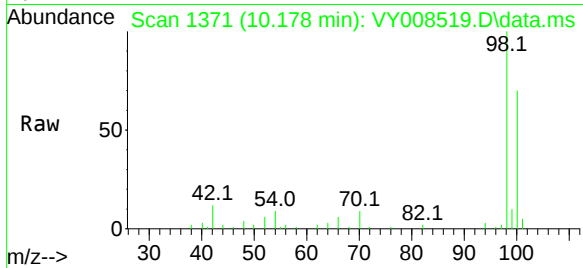




#50
Toluene-d8
Concen: 43.224 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

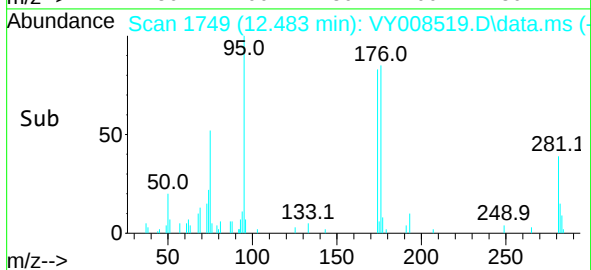
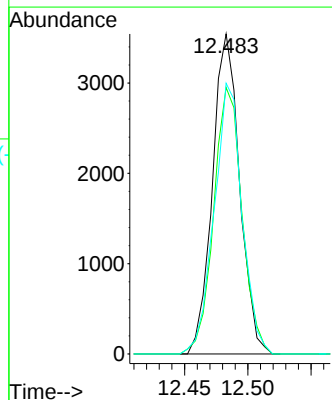
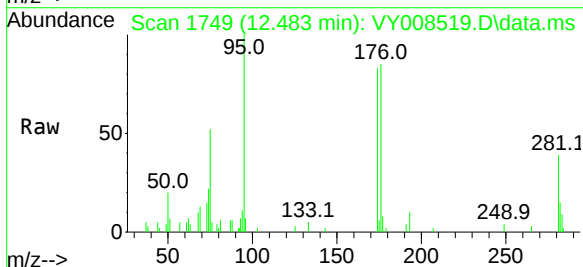
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

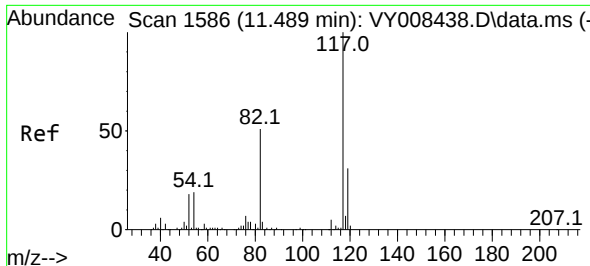
Tgt Ion: 98 Resp: 16546
Ion Ratio Lower Upper
98 100
100 67.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 95 Resp: 5277
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 86.9 0.0 175.8

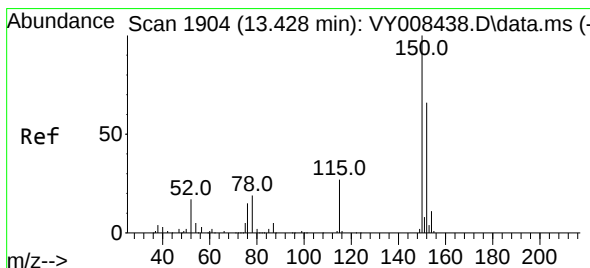
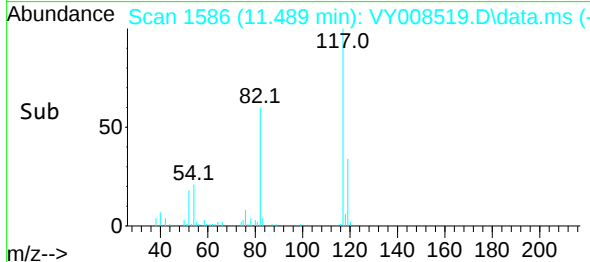
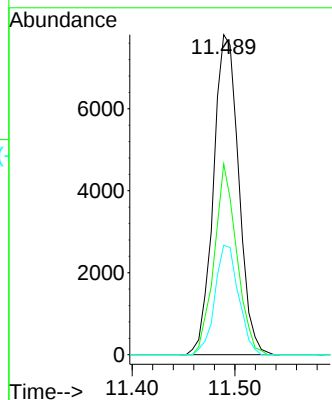
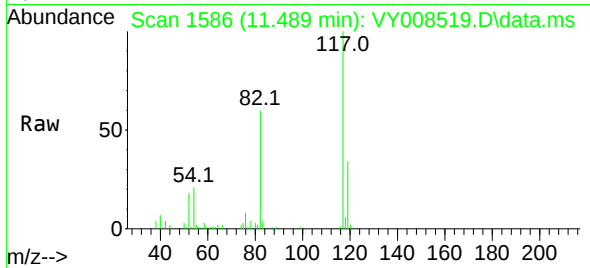




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

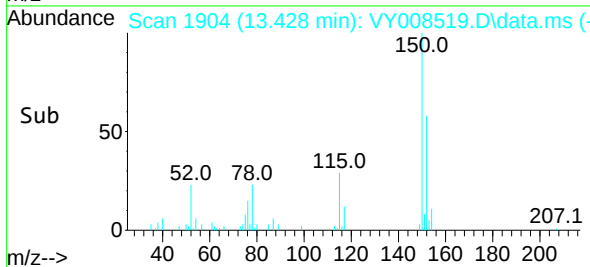
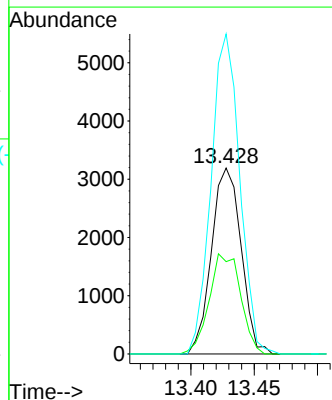
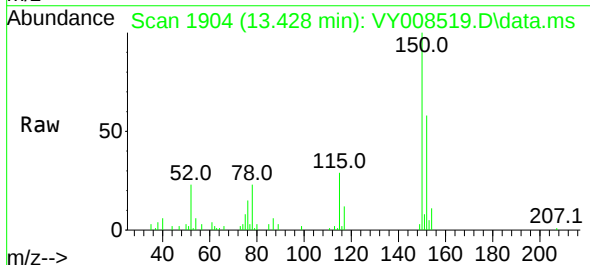
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

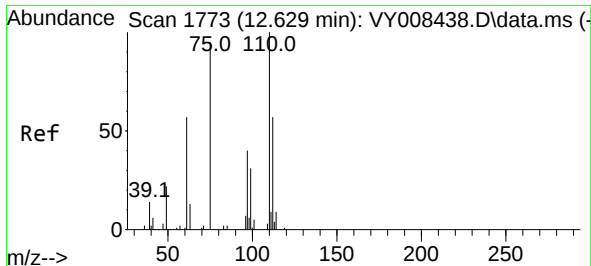
Tgt Ion:	117	Resp:	13313
Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.0	64.4
119	34.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion:	152	Resp:	5201
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	166.5	0.0	347.6

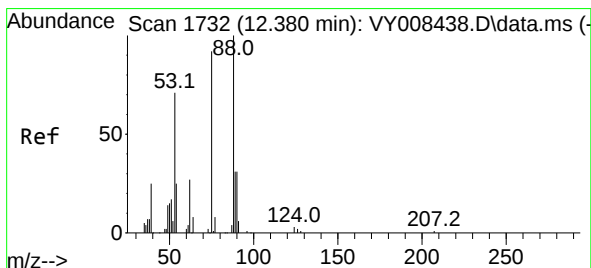
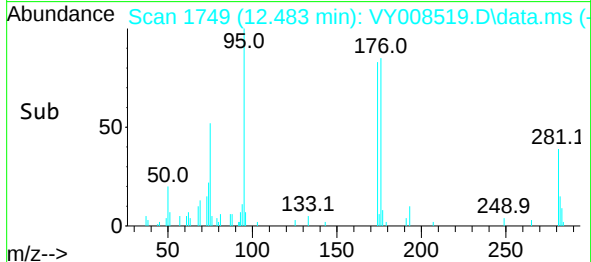
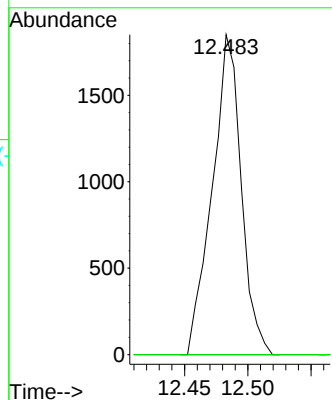
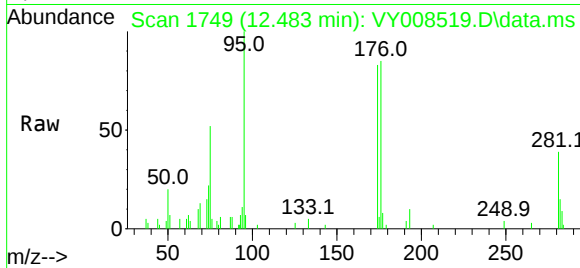




#76
1,2,3-Trichloropropane
Concen: 43.738 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

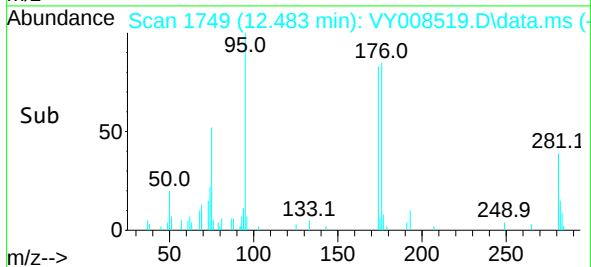
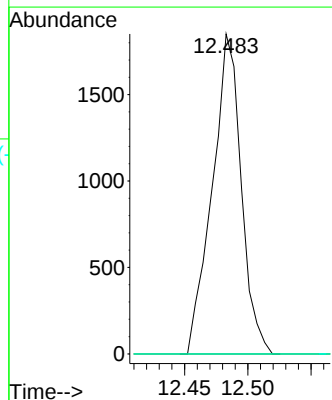
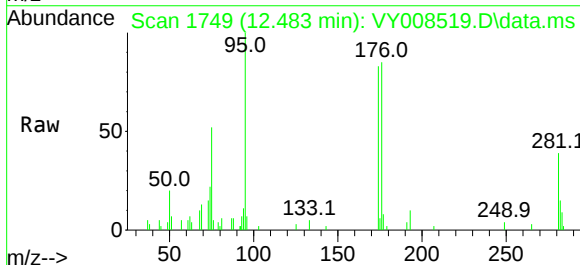
Instrument :
MSVOA_Y
ClientSampleId :
MH-14D

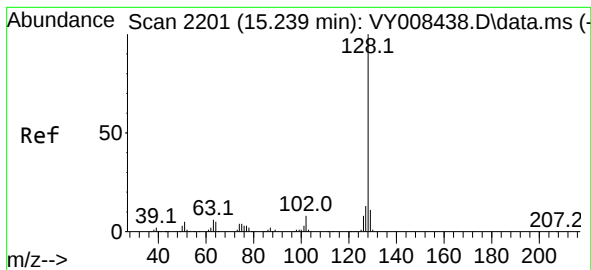
Tgt Ion: 75 Resp: 2944
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 101.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008519.D
Acq: 27 Apr 2022 12:04

Tgt Ion: 75 Resp: 2944
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 1.208 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY008519.D

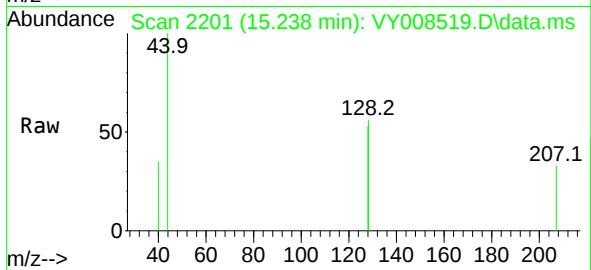
Acq: 27 Apr 2022 12:04

Instrument :

MSVOA_Y

ClientSampleId :

MH-14D



Tgt Ion:128 Resp: 261

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

