

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008476.D
 Acq On : 25 Apr 2022 12:56
 Operator : KP/MD
 Sample : N2526-07RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-5DRE

Quant Time: Apr 26 01:55:02 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)

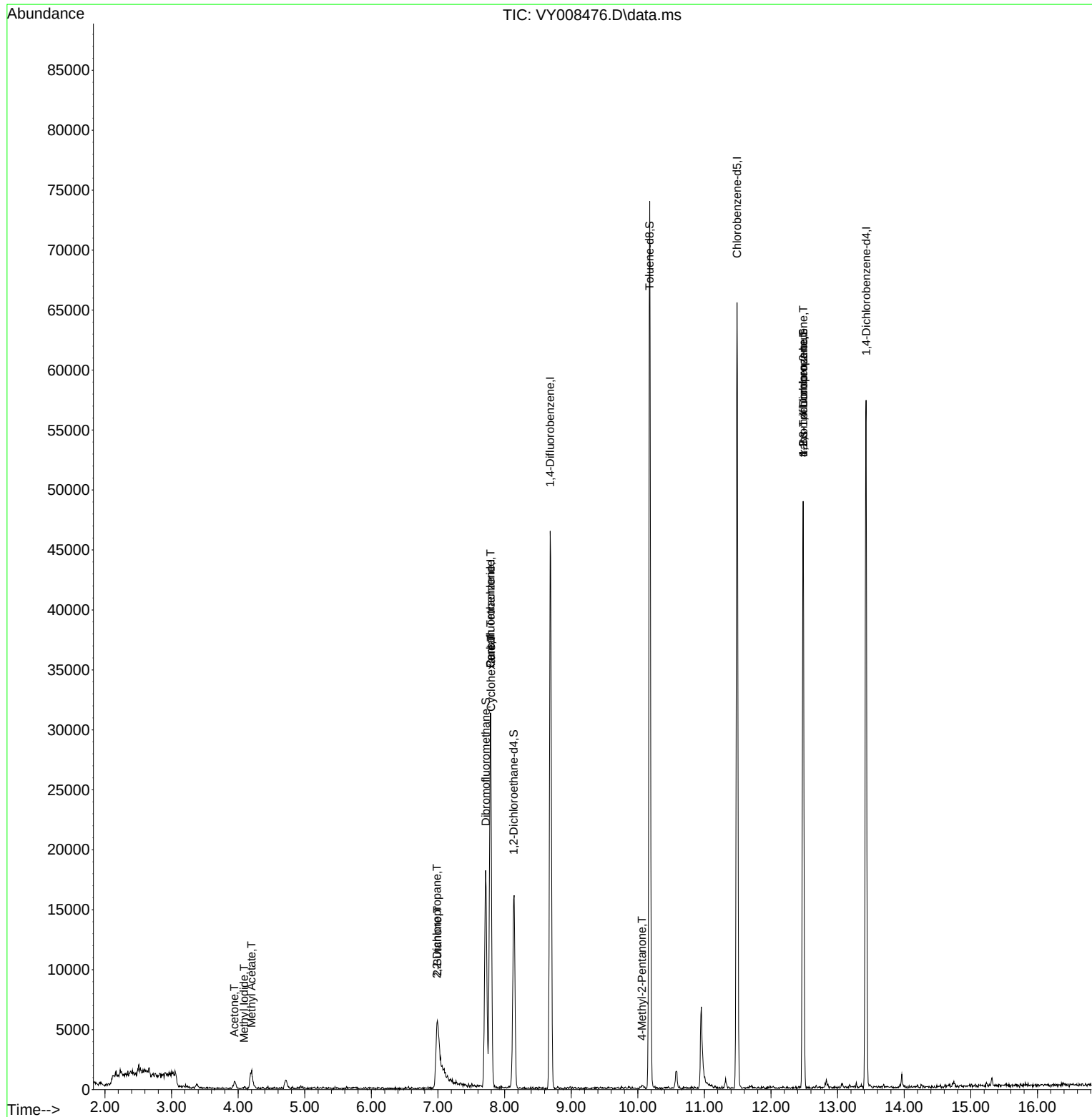
Internal Standards						
1) Pentafluorobenzene	7.789	168	24060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	40801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	36753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11992	42.360	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.720%		
35) Dibromofluoromethane	7.716	113	12321	46.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.580%		
50) Toluene-d8	10.179	98	48049	45.971	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.940%		
62) 4-Bromofluorobenzene	12.483	95	14145	39.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.780%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	92	1.937	ug/l #	57
11) Tert butyl alcohol	4.942	59	206	Below Cal	#	77
16) Acetone	3.942	43	1069	16.212	ug/l #	77
18) Methyl Acetate	4.198	43	496	2.682	ug/l #	56
20) Methylene Chloride	4.722	84	578	Below Cal	#	60
25) 2-Butanone	6.990	43	484	4.745	ug/l #	54
26) 2,2-Dichloropropane	6.984	77	473	1.001	ug/l #	55
31) Cyclohexane	7.795	56	498	1.070	ug/l #	1
38) Carbon Tetrachloride	7.789	117	2325	5.342	ug/l #	11
51) 4-Methyl-2-Pentanone	10.063	43	329	1.468	ug/l #	40
76) 1,2,3-Trichloropropane	12.483	75	7727	41.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7727	95.237	ug/l #	7

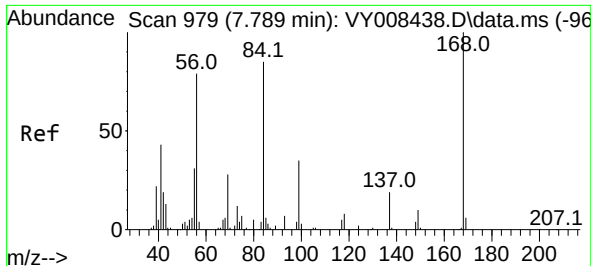
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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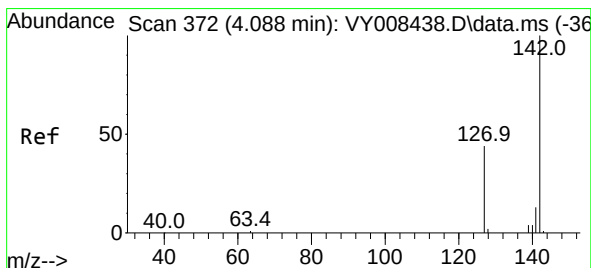
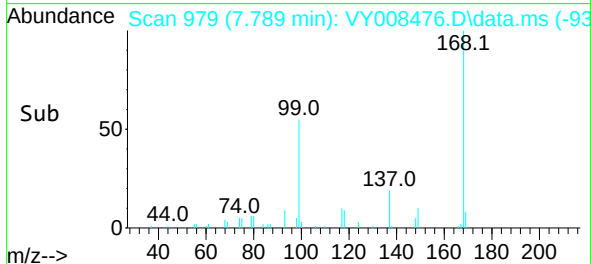
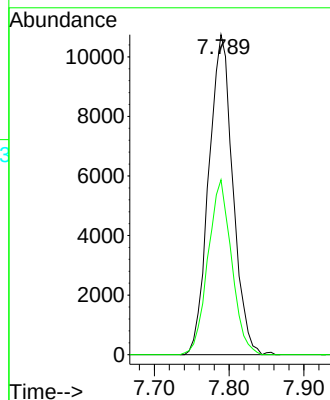
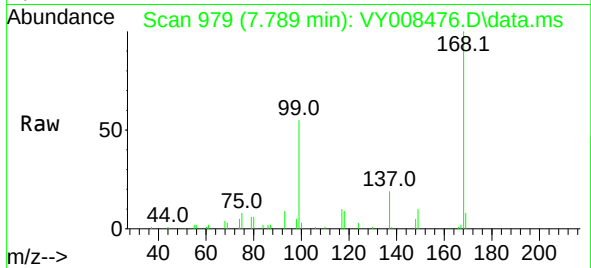




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

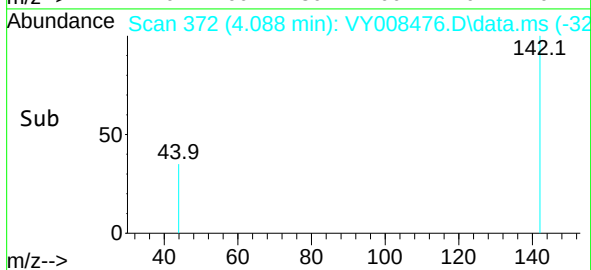
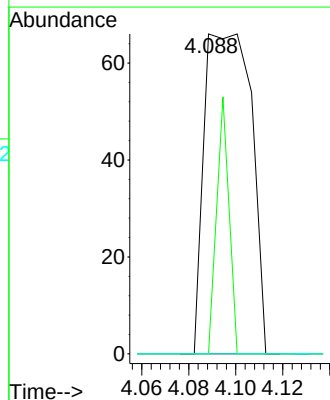
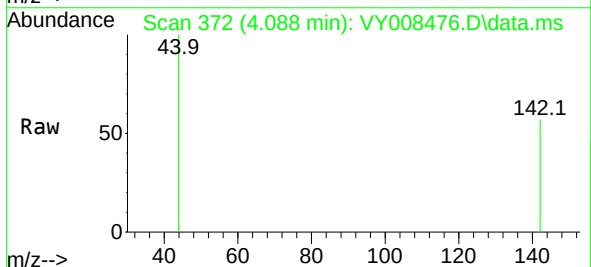
Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

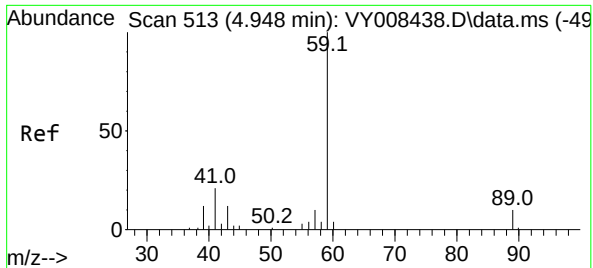
Tgt Ion:168 Resp: 24060
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#10
Methyl Iodide
Concen: 1.937 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 20.7 41.5 62.3#
141 0.0 11.9 17.9#

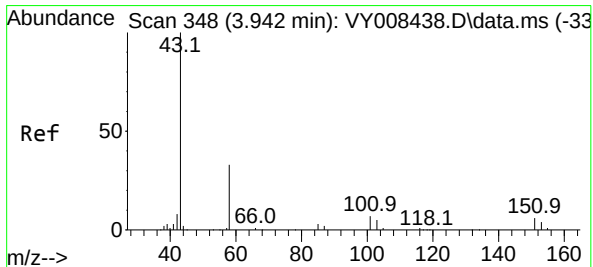
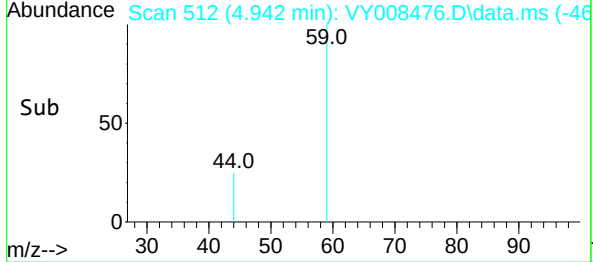
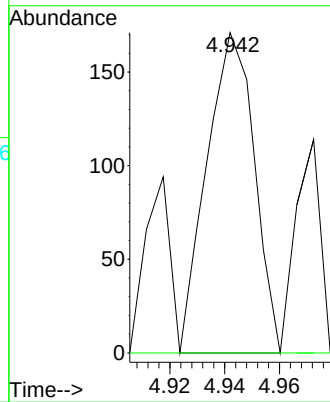
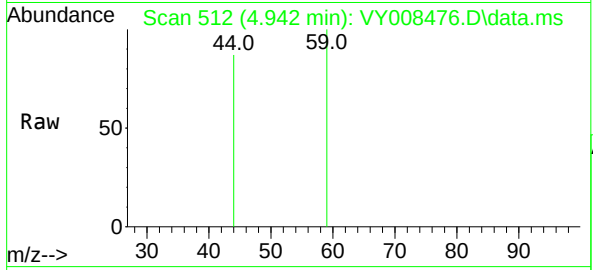




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

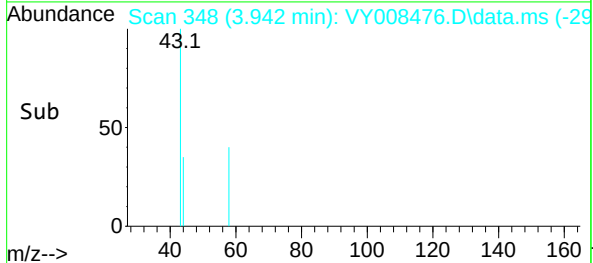
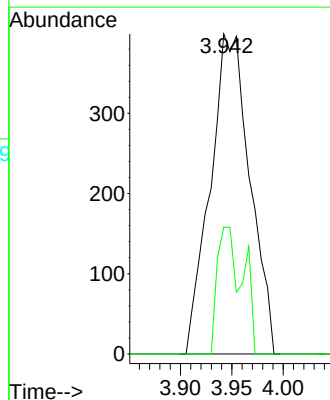
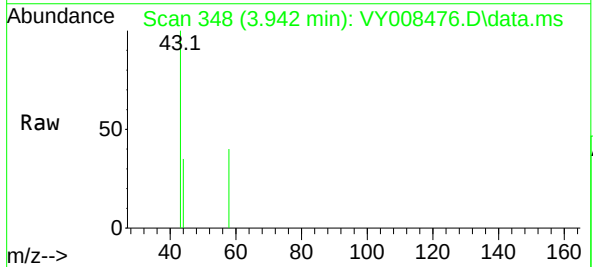
Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

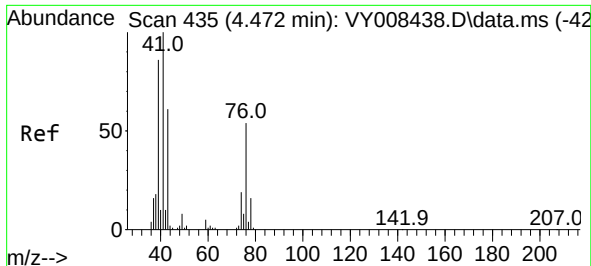
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 16.212 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 39.6 22.0 33.0#

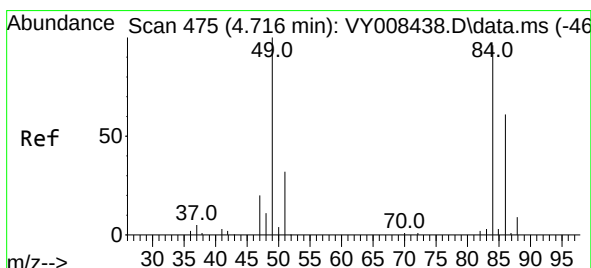
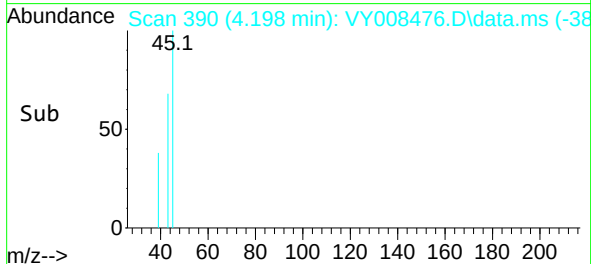
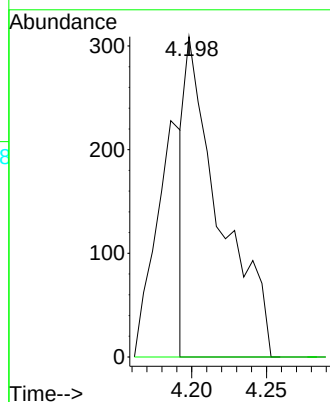
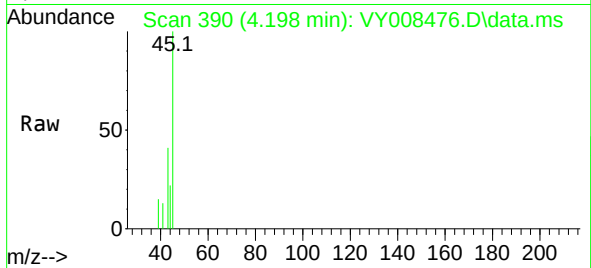




#18
Methyl Acetate
Concen: 2.682 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.274 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

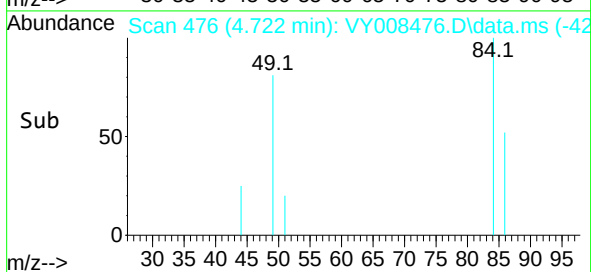
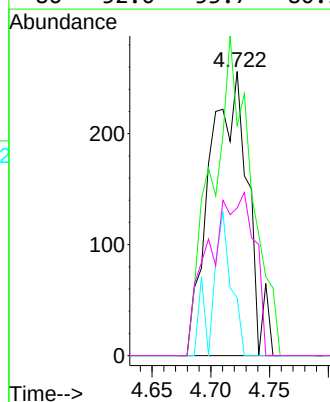
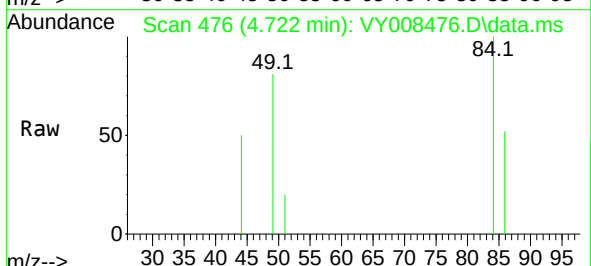
Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

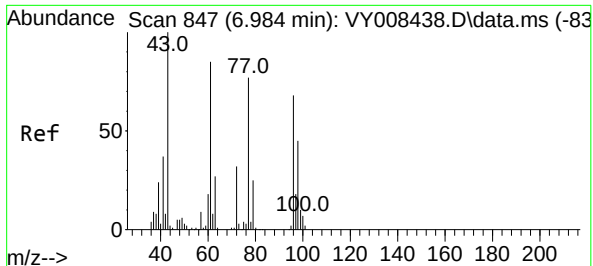
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion: 84 Resp: 578
Ion Ratio Lower Upper
84 100
49 80.9 114.4 171.6#
51 20.3 35.3 52.9#
86 52.0 53.7 80.5#





#25

2-Butanone

Concen: 4.745 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY008476.D

Acq: 25 Apr 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

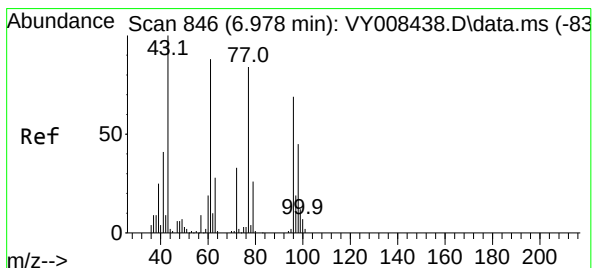
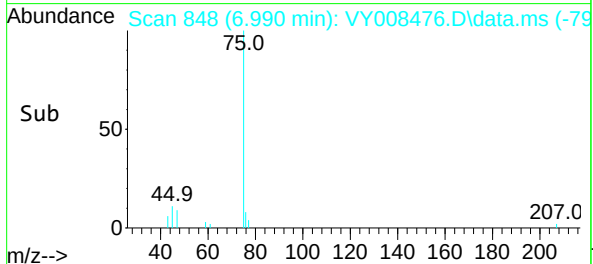
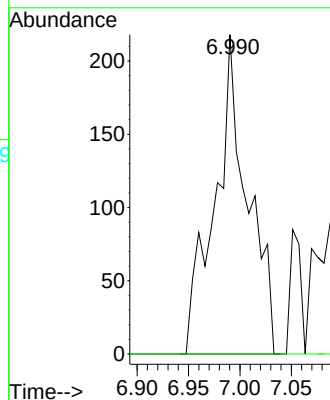
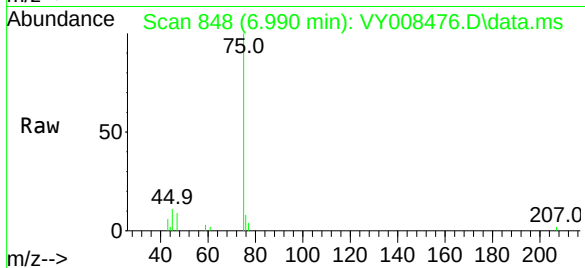
MH-5DRE

Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.001 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008476.D

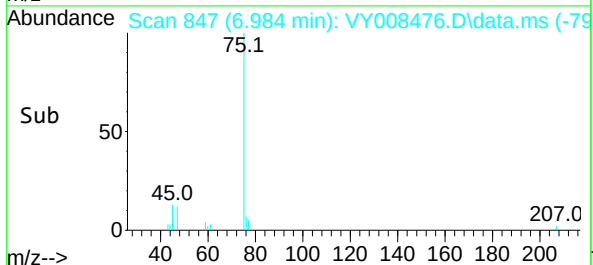
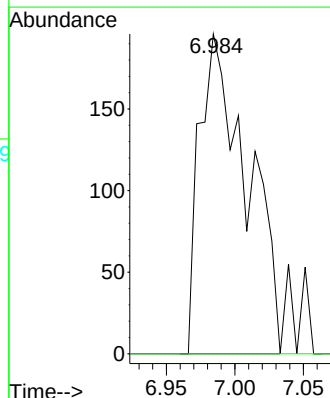
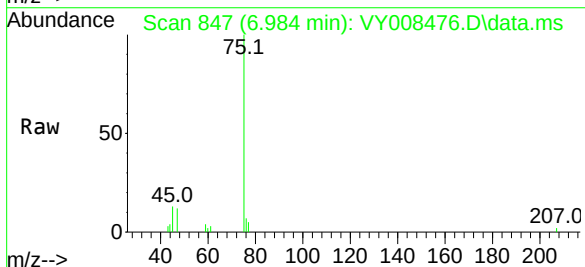
Acq: 25 Apr 2022 12:56

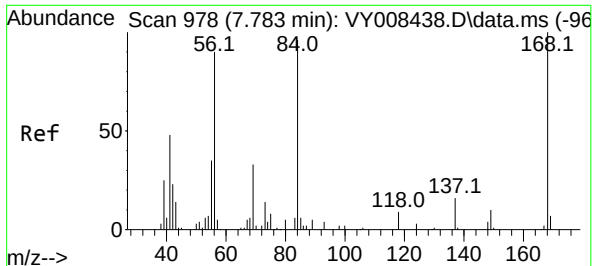
Tgt Ion: 77 Resp: 473

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

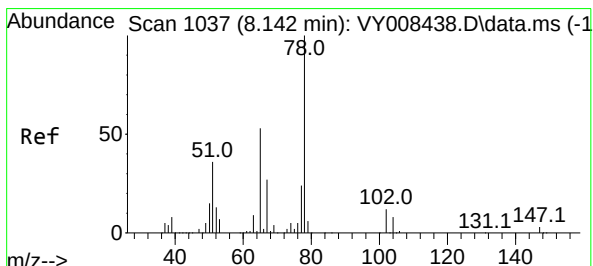
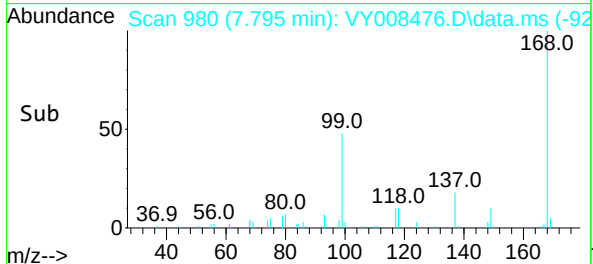
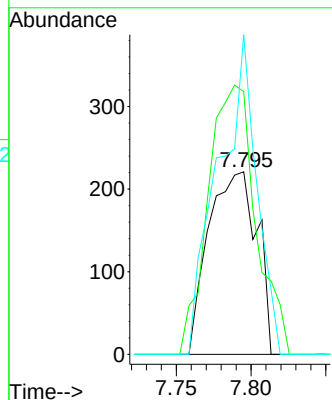
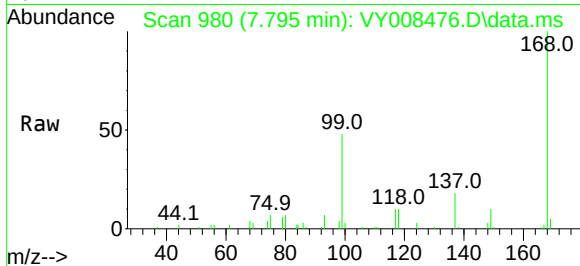




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

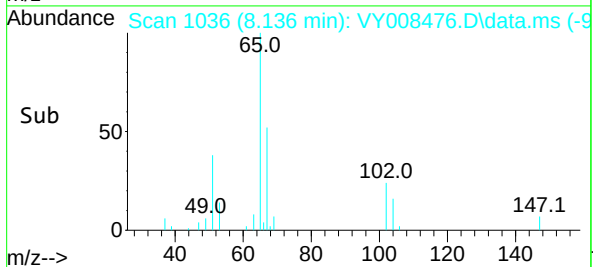
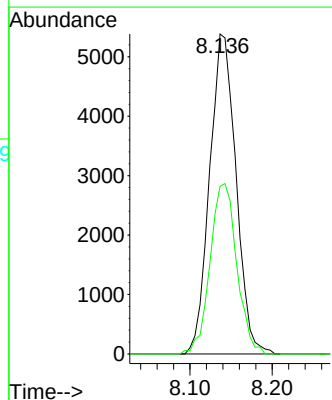
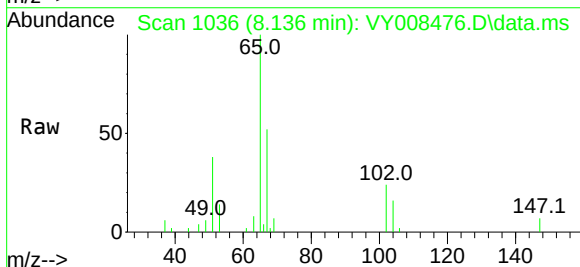
Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

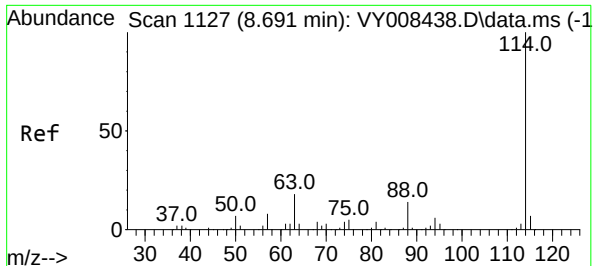
Tgt Ion: 56 Resp: 498
Ion Ratio Lower Upper
56 100
69 143.9 26.7 40.1#
84 175.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 42.360 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion: 65 Resp: 11992
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008476.D

Acq: 25 Apr 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

MH-5DRE

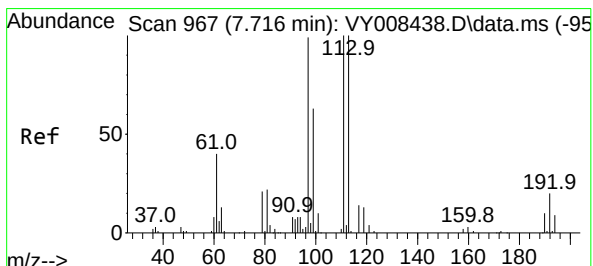
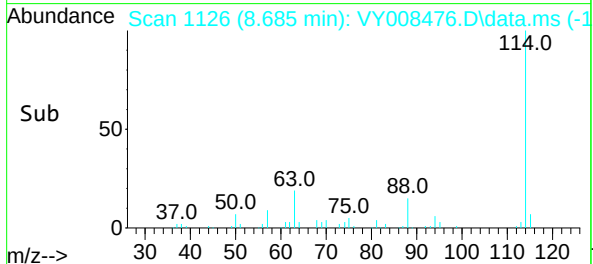
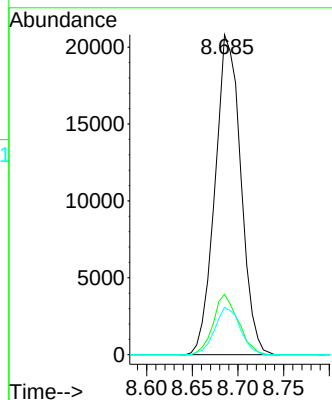
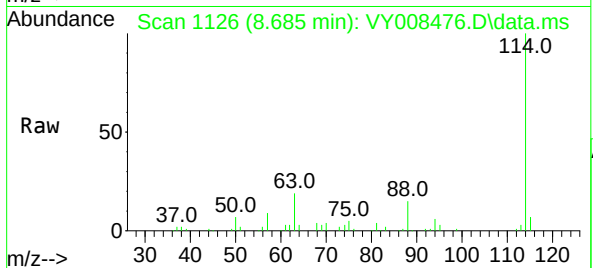
Tgt Ion:114 Resp: 40801

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.791 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008476.D

Acq: 25 Apr 2022 12:56

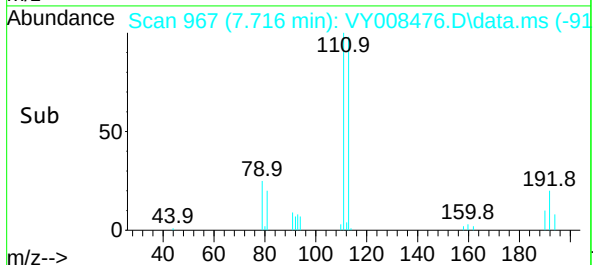
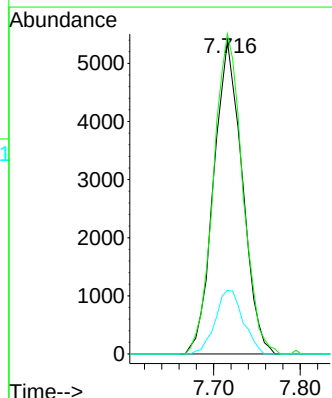
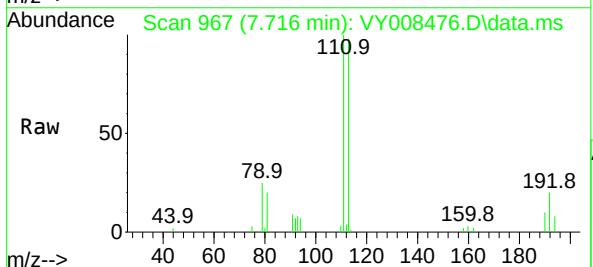
Tgt Ion:113 Resp: 12321

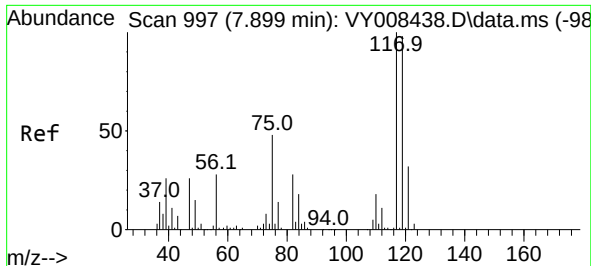
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

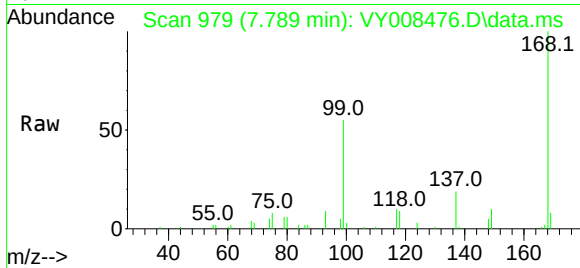
192 19.8 17.6 26.4



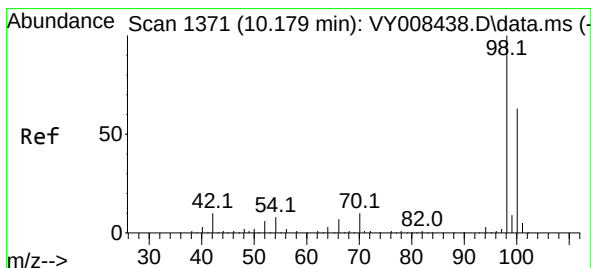
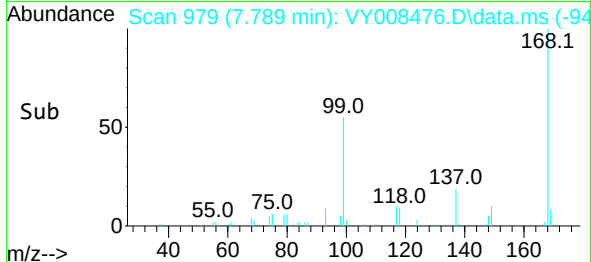
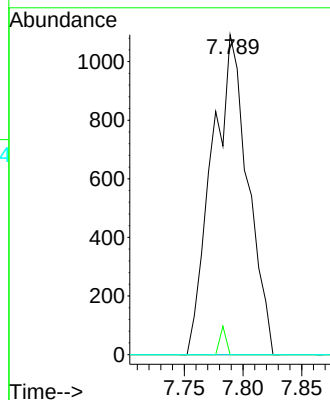


#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

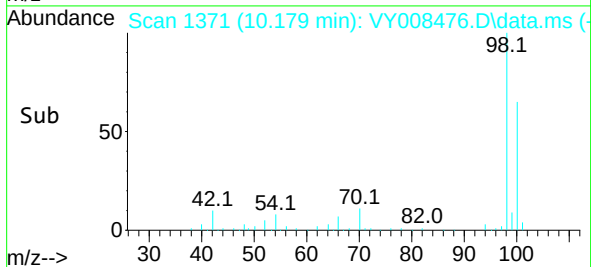
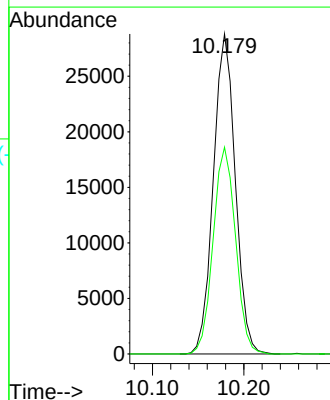
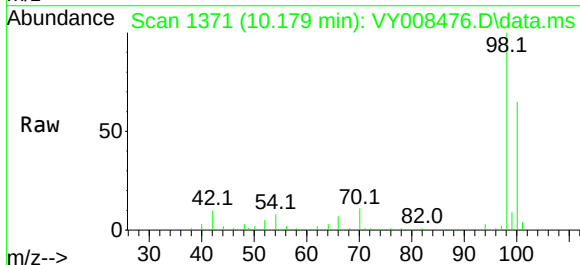


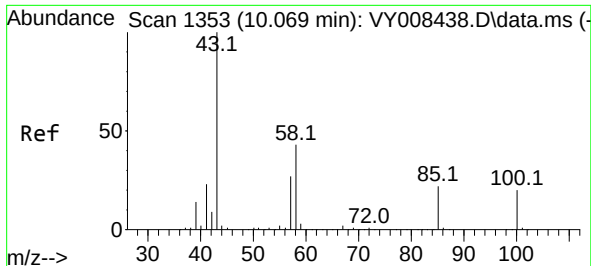
Tgt Ion:117 Resp: 2325
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.971 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion: 98 Resp: 48049
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

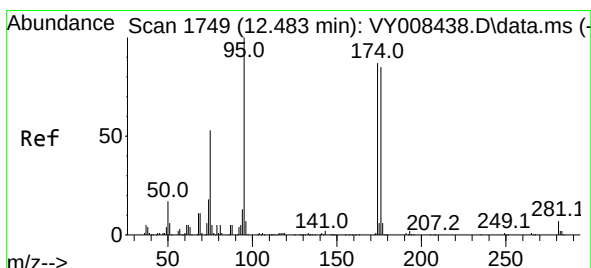
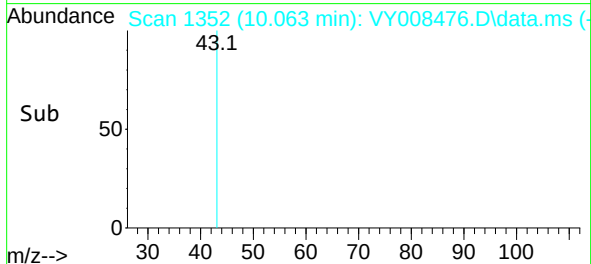
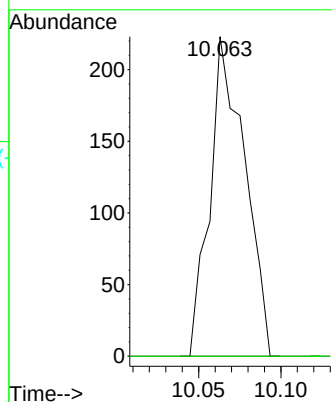
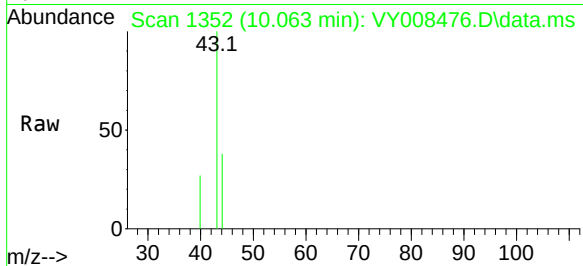




#51
4-Methyl-2-Pentanone
Concen: 1.468 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

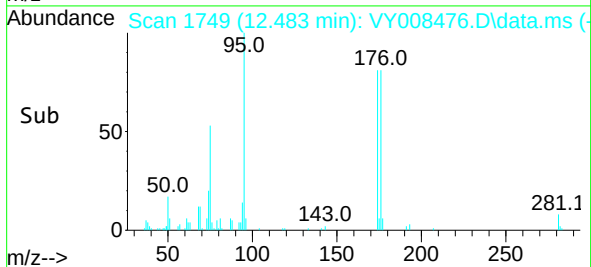
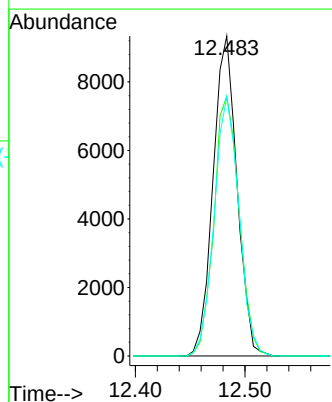
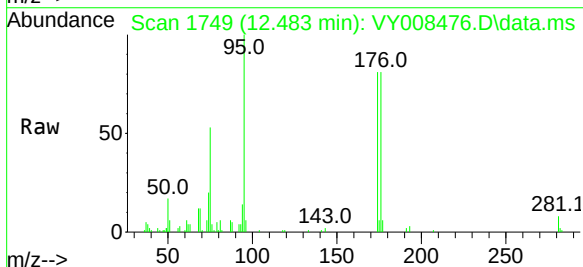
Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

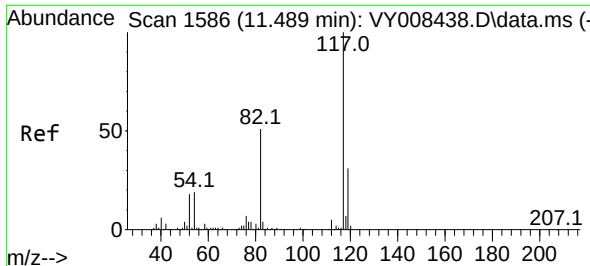
Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 39.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion: 95 Resp: 14145
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 84.1 0.0 175.8

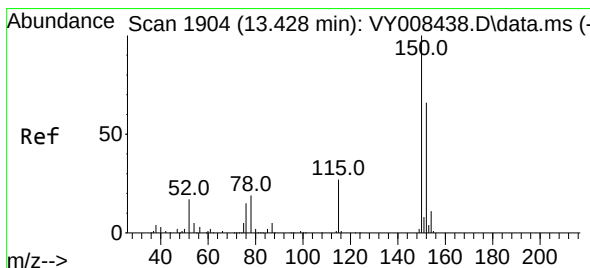
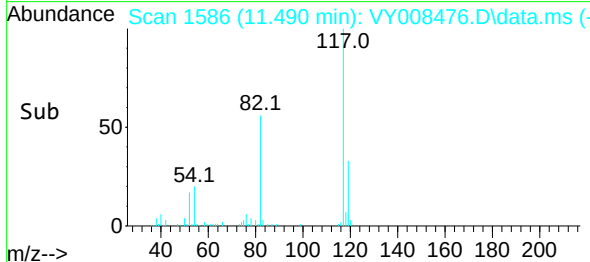
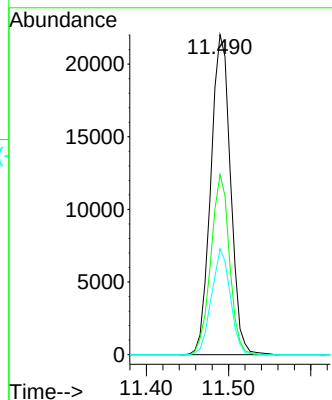
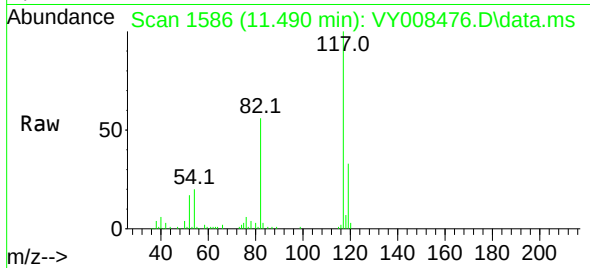




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

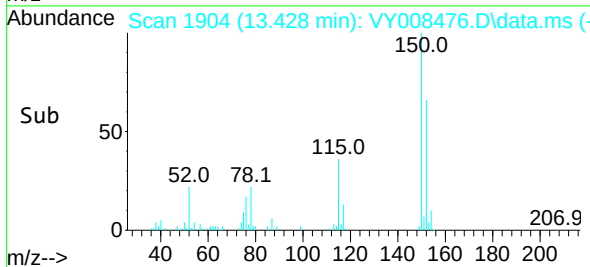
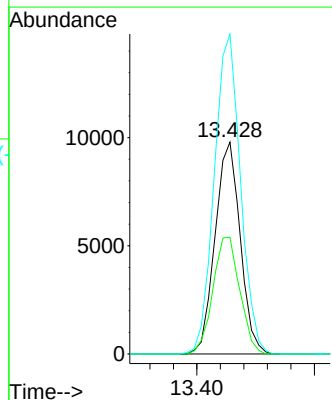
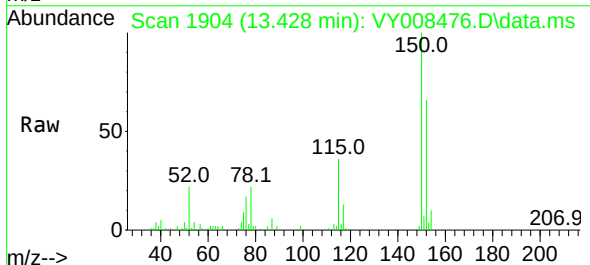
Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

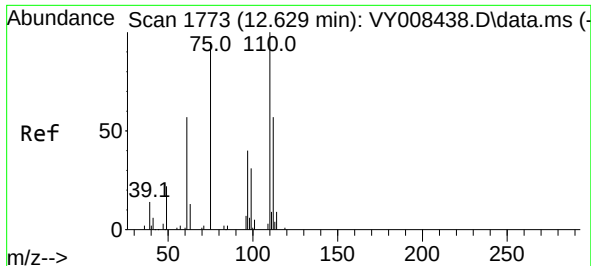
Tgt Ion:117 Resp: 36753
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion:152 Resp: 14544
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.5 0.0 347.6

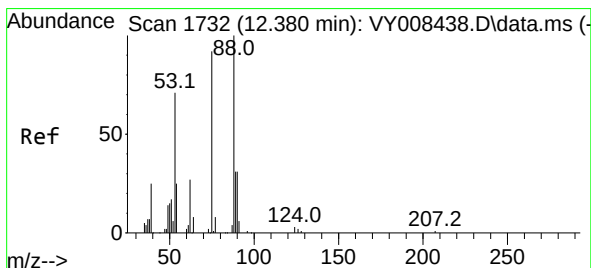
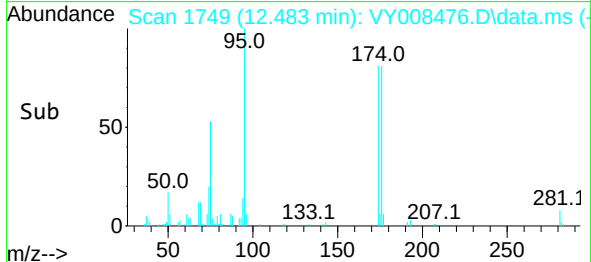
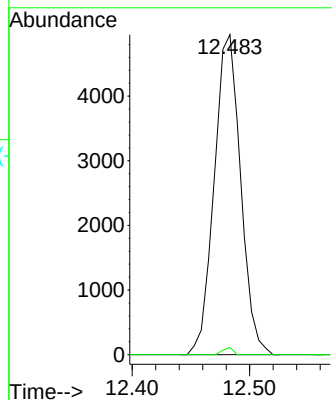
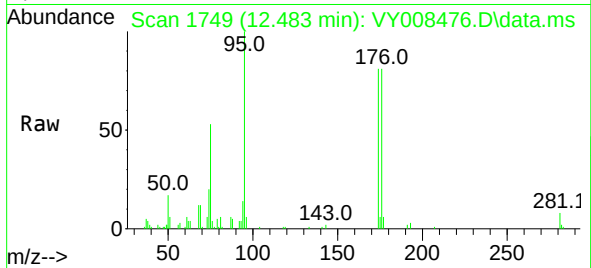




#76
1,2,3-Trichloropropane
Concen: 41.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Instrument :
MSVOA_Y
ClientSampleId :
MH-5DRE

Tgt Ion: 75 Resp: 7727
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008476.D
Acq: 25 Apr 2022 12:56

Tgt Ion: 75 Resp: 7727
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

