

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008489.D
 Acq On : 25 Apr 2022 18:01
 Operator : KP/MD
 Sample : N2548-04RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8DRE

Quant Time: Apr 26 01:58:07 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)

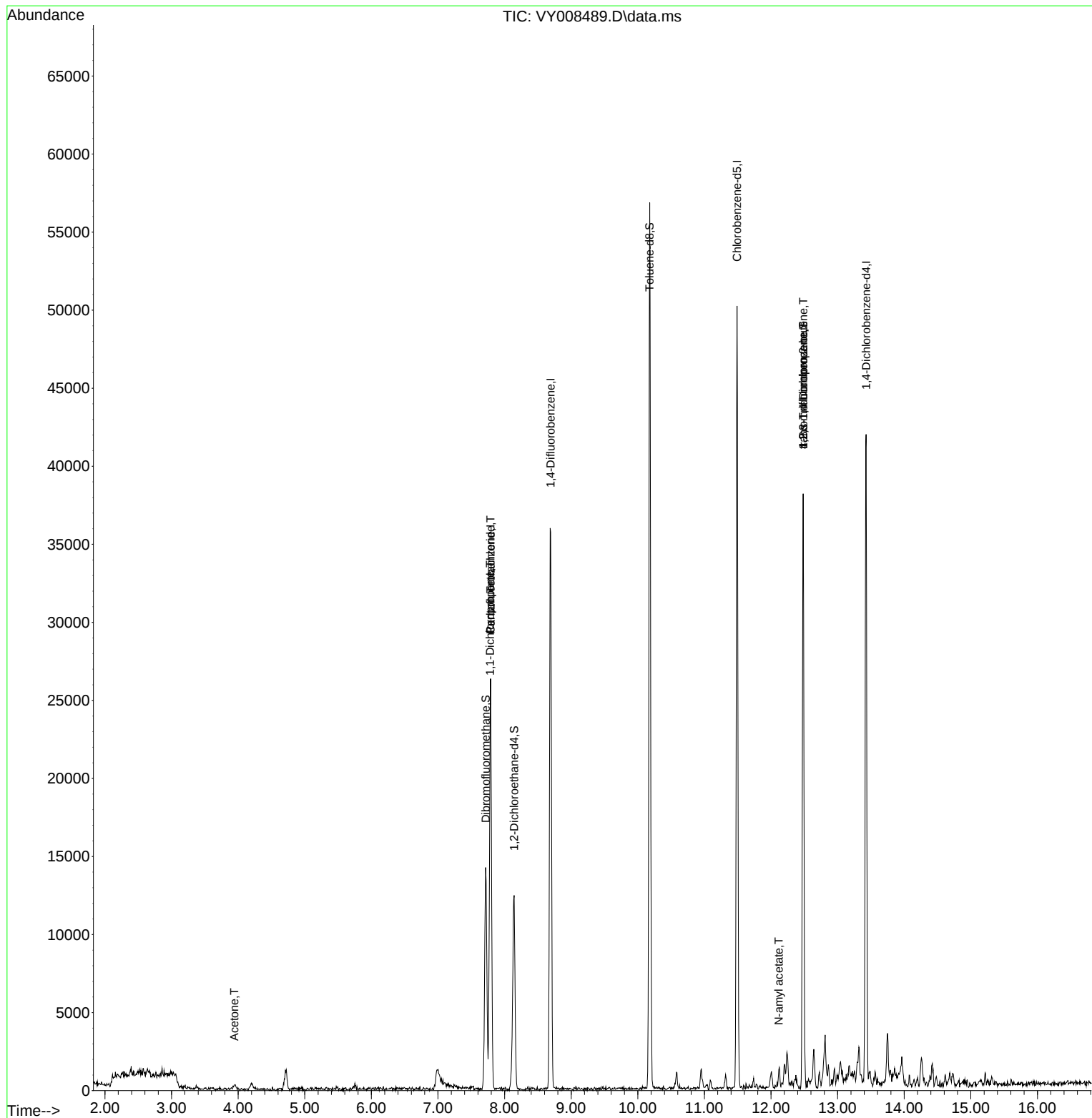
Internal Standards						
1) Pentafluorobenzene	7.789	168	20383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9042	37.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.400%
35) Dibromofluoromethane	7.716	113	9499	44.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.740%
50) Toluene-d8	10.179	98	37686	44.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.483	95	11042	38.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	50	Below Cal	#	77
16) Acetone	3.942	43	624	11.171	ug/l #	47
20) Methylene Chloride	4.716	84	1022	Below Cal	#	71
36) 1,1-Dichloropropene	7.783	75	1817	5.335	ug/l #	45
38) Carbon Tetrachloride	7.789	117	1890	5.341	ug/l #	11
74) N-amyl acetate	12.117	43	380	1.849	ug/l #	54
76) 1,2,3-Trichloropropane	12.483	75	5981	42.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5981	97.752	ug/l #	7

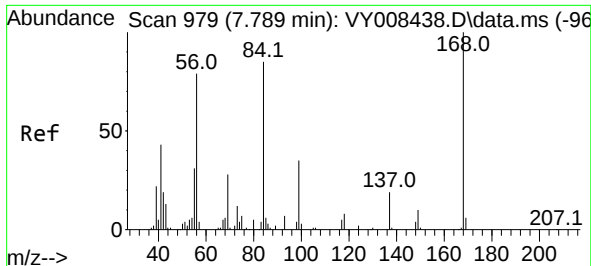
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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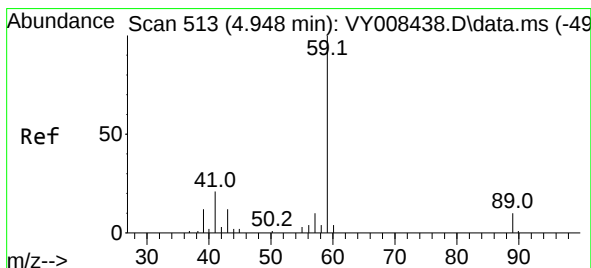
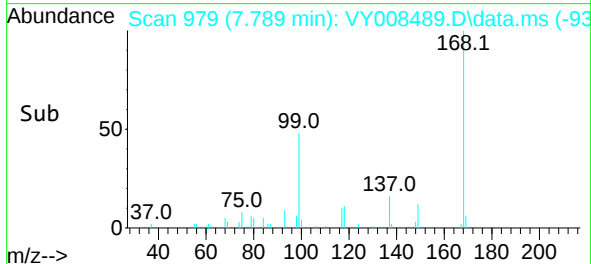
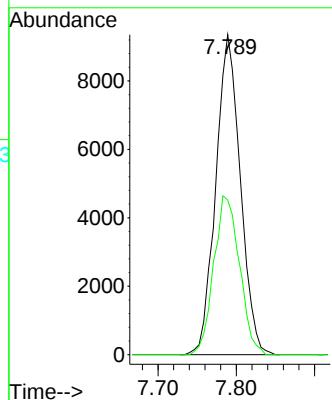
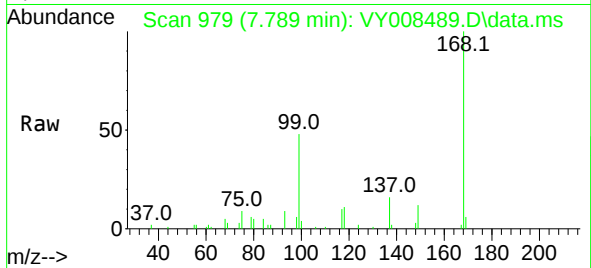




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

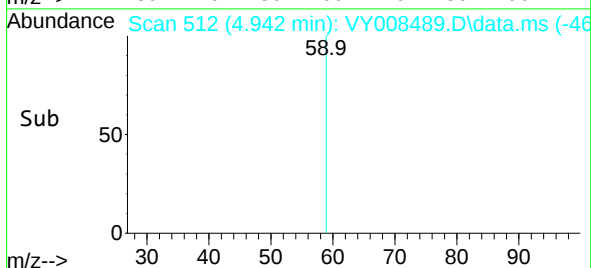
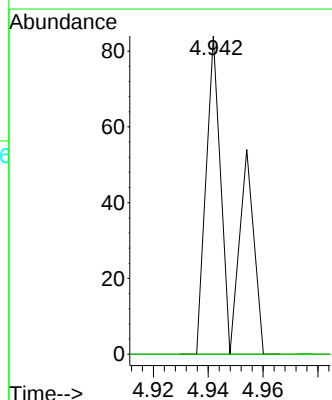
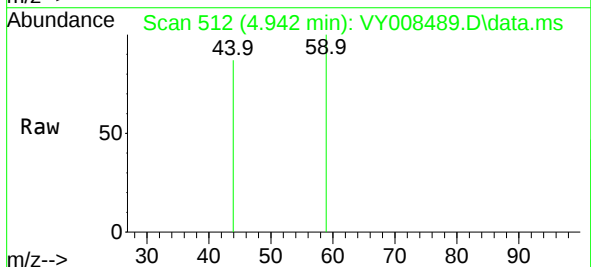
Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

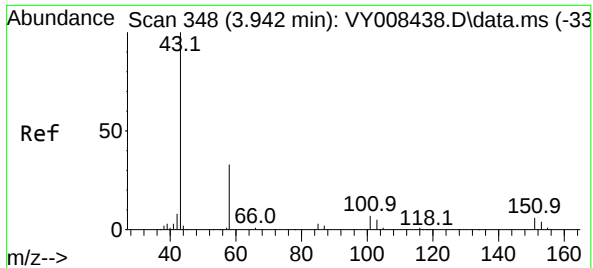
Tgt Ion:168 Resp: 20383
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 59 Resp: 50
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

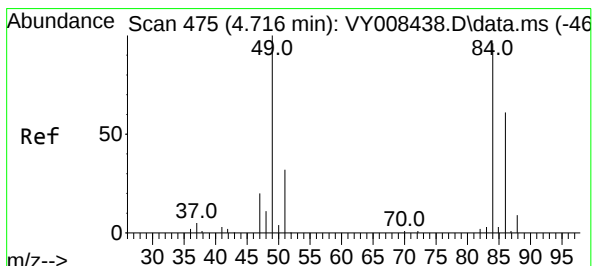
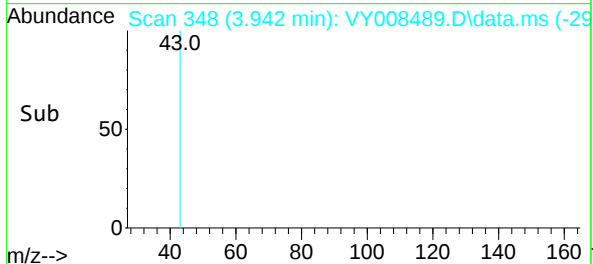
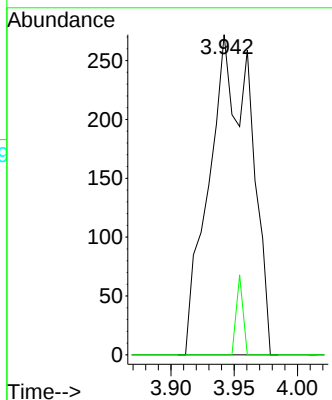
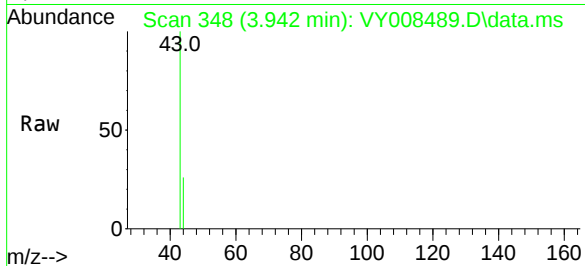




#16
Acetone
Concen: 11.171 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

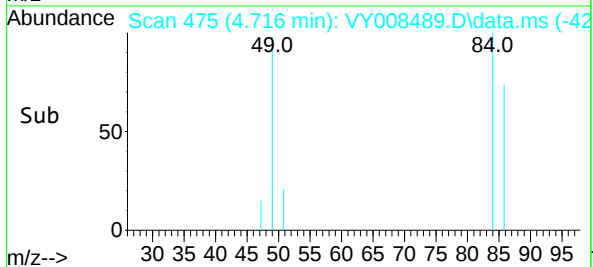
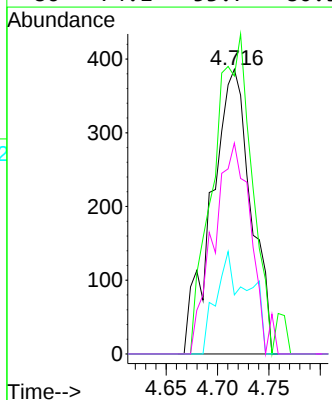
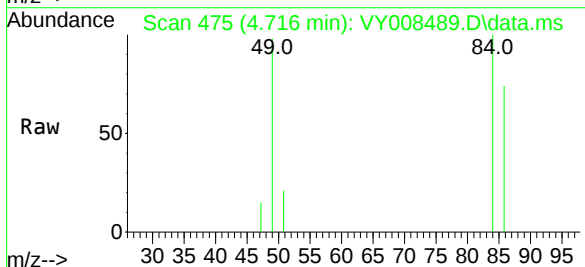
Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

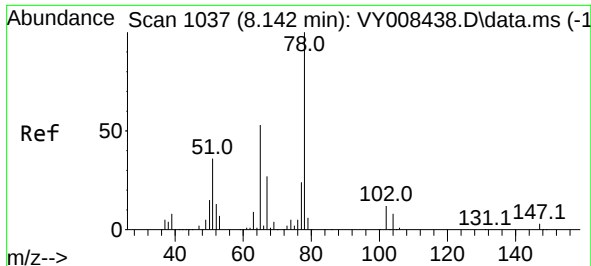
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 84 Resp: 1022
Ion Ratio Lower Upper
84 100
49 97.7 114.4 171.6#
51 20.7 35.3 52.9#
86 74.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 37.702 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008489.D

Acq: 25 Apr 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

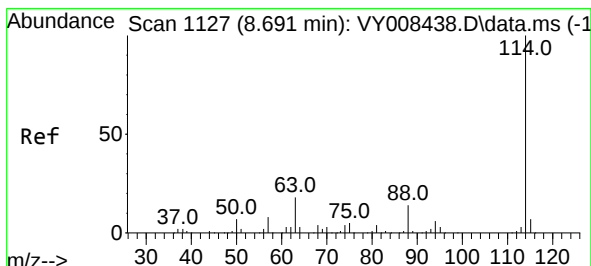
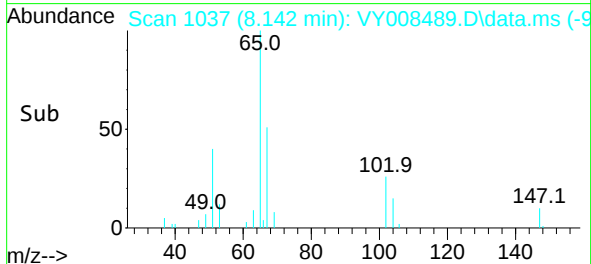
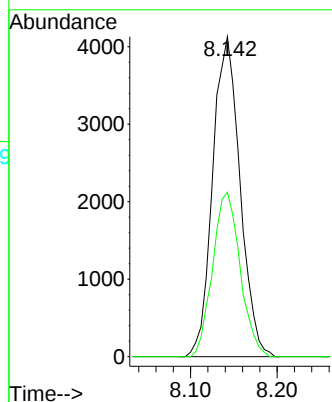
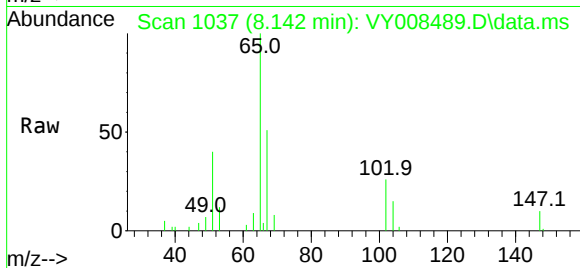
MH-8DRE

Tgt Ion: 65 Resp: 9042

Ion Ratio Lower Upper

65 100

67 51.7 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: VY008489.D

Acq: 25 Apr 2022 18:01

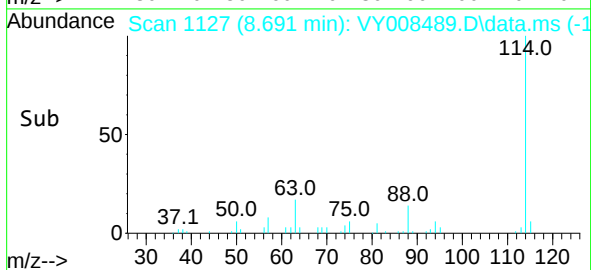
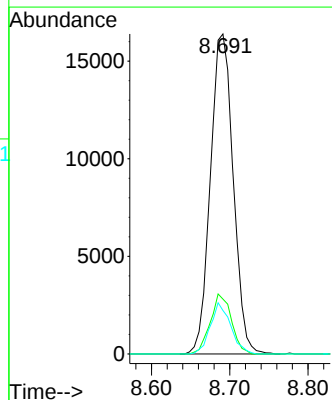
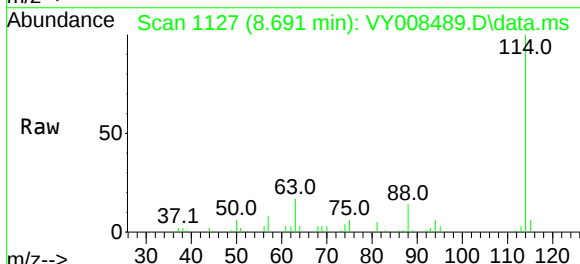
Tgt Ion:114 Resp: 33174

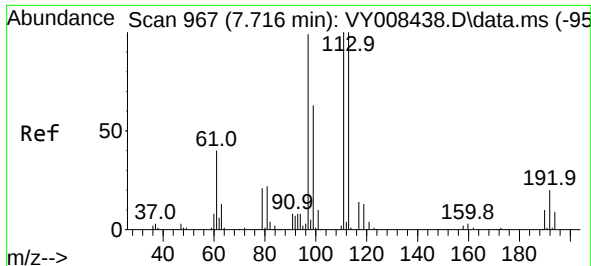
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.6 0.0 31.8

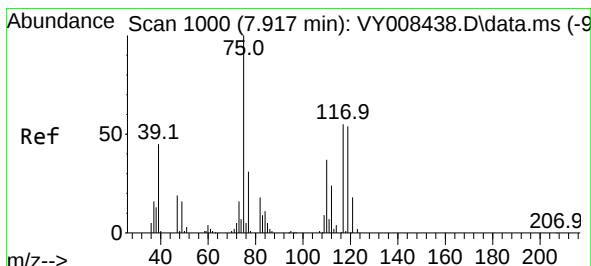
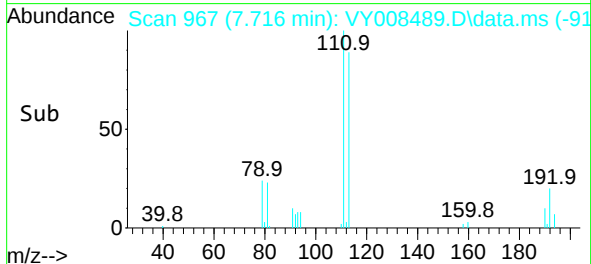
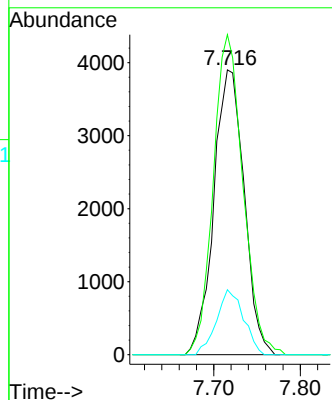
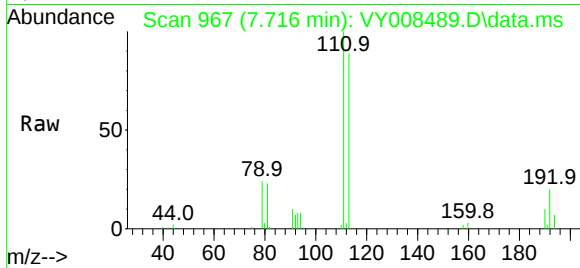




#35
Dibromofluoromethane
Concen: 44.367 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

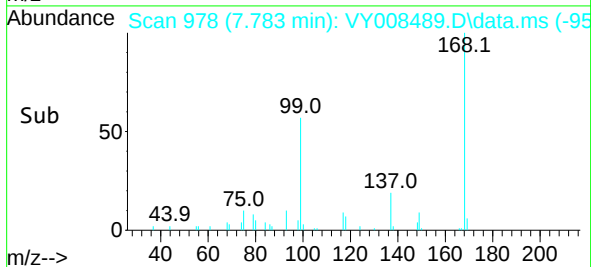
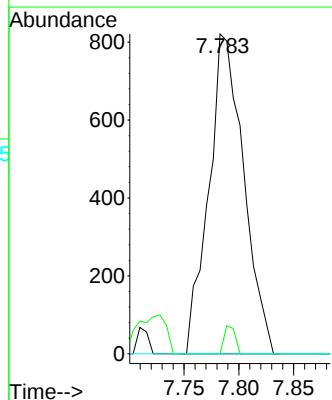
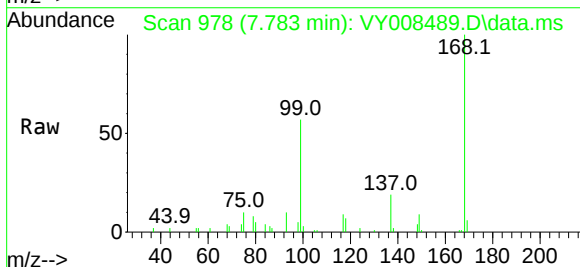
Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

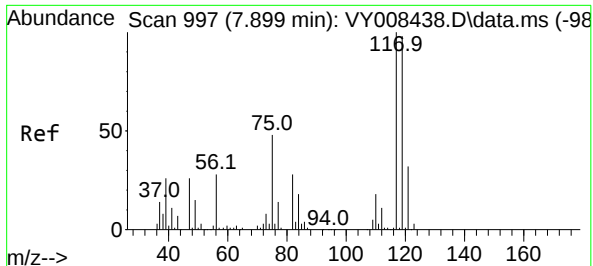
Tgt Ion:113 Resp: 9499
Ion Ratio Lower Upper
113 100
111 109.5 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.335 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

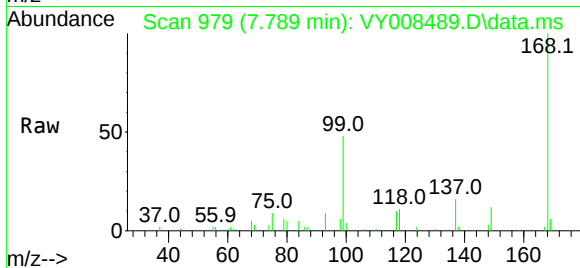
Tgt Ion: 75 Resp: 1817
Ion Ratio Lower Upper
75 100
110 2.8 17.1 51.2#
77 0.0 24.4 36.6#



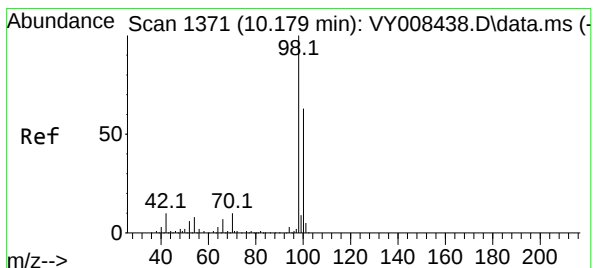
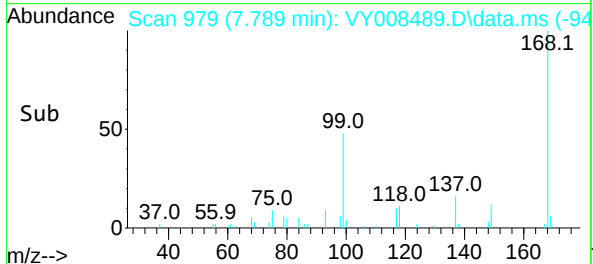
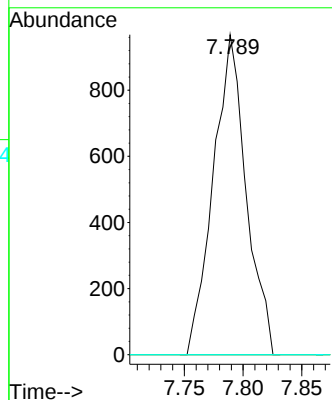


#38
Carbon Tetrachloride
Concen: 5.341 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

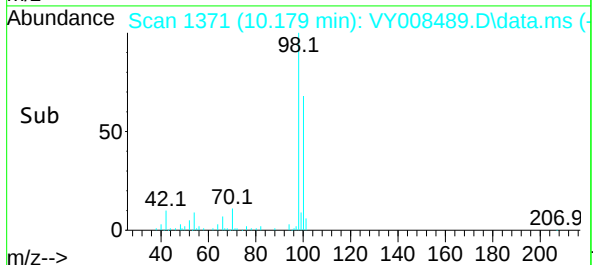
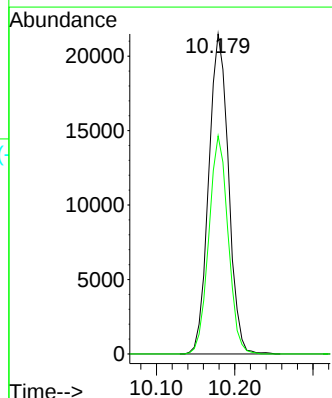
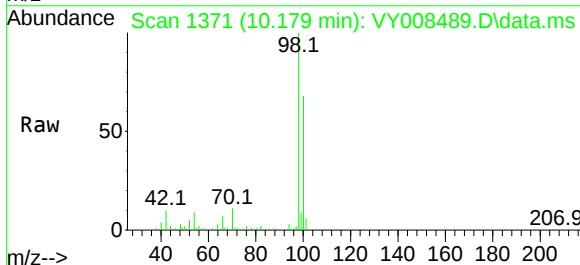


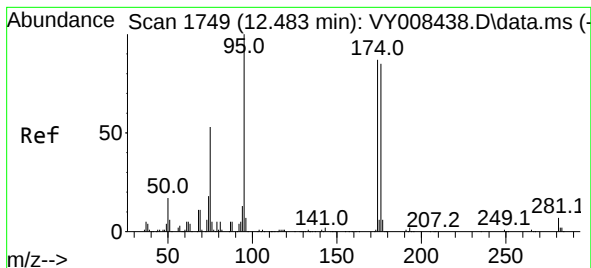
Tgt Ion:117 Resp: 1890
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.422 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 98 Resp: 37686
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

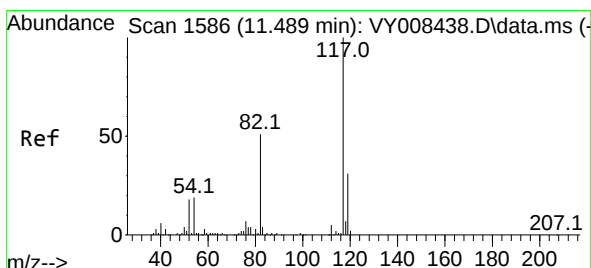
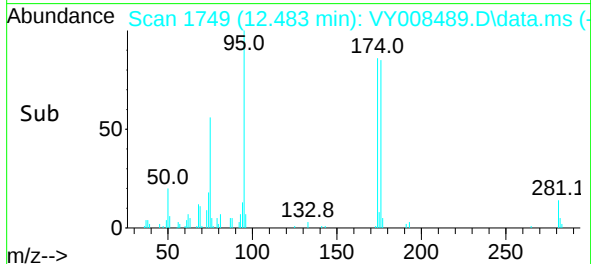
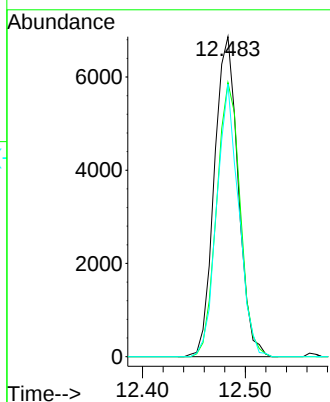
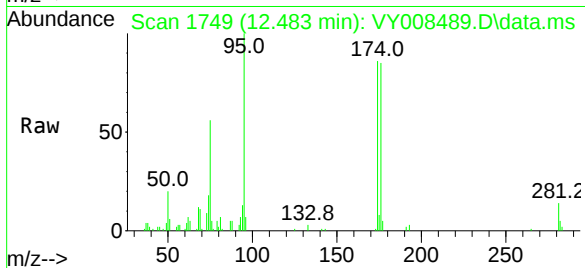




#62
4-Bromofluorobenzene
Concen: 38.301 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

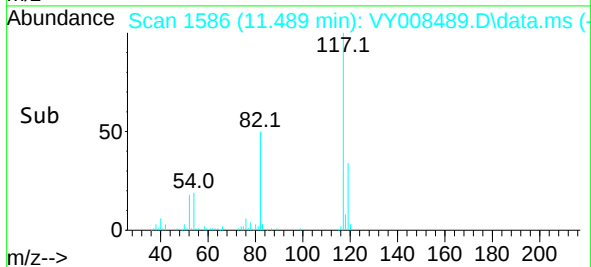
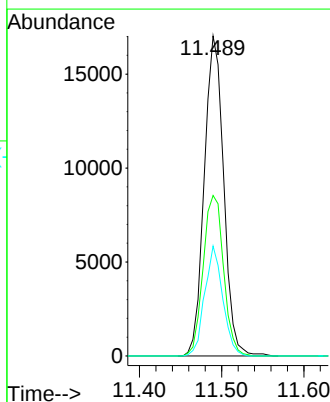
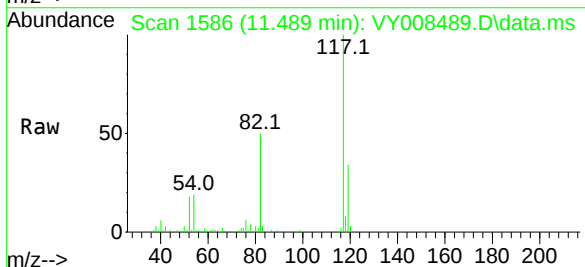
Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

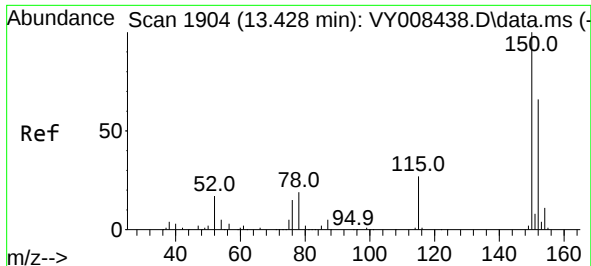
Tgt Ion: 95 Resp: 11042
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 78.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 117 Resp: 27953
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 34.4 25.4 38.0

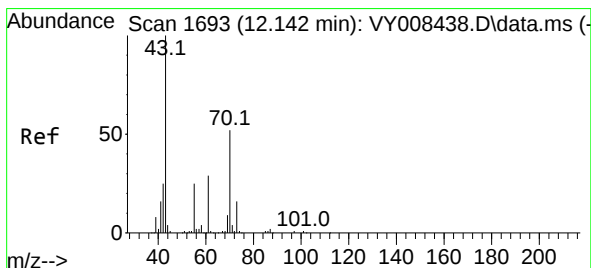
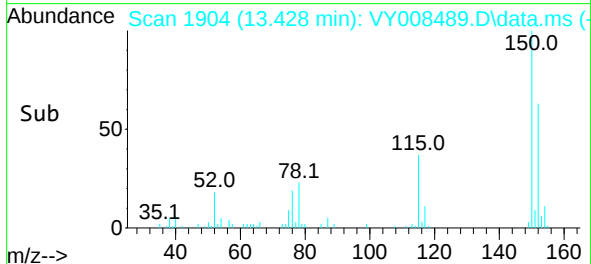
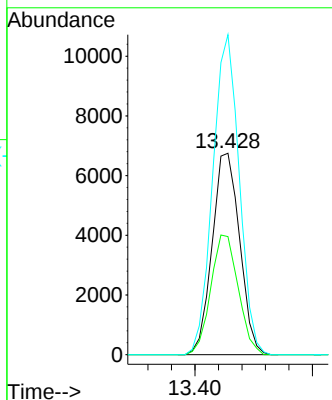
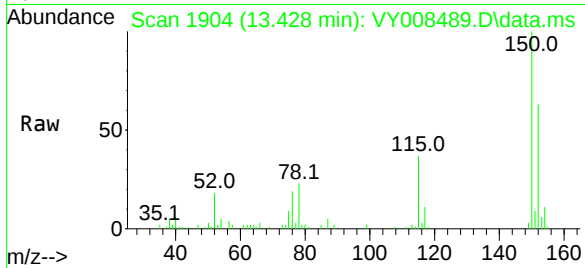




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

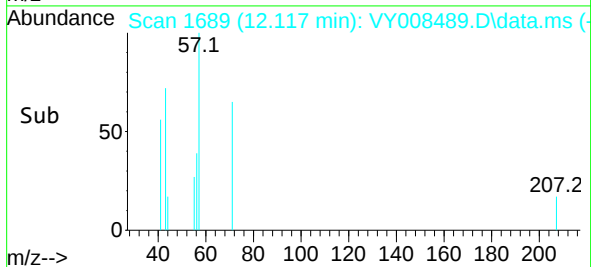
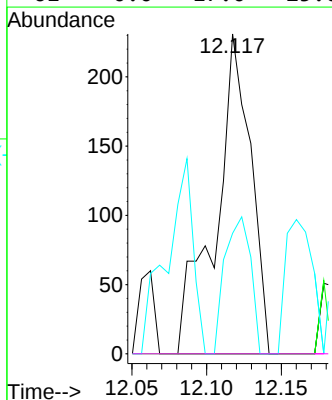
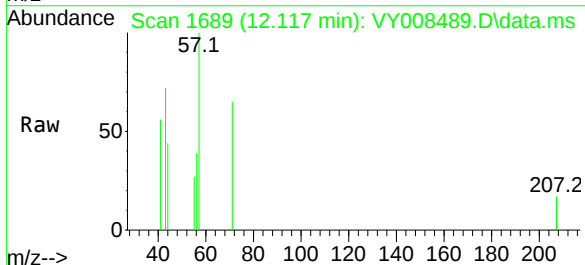
Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

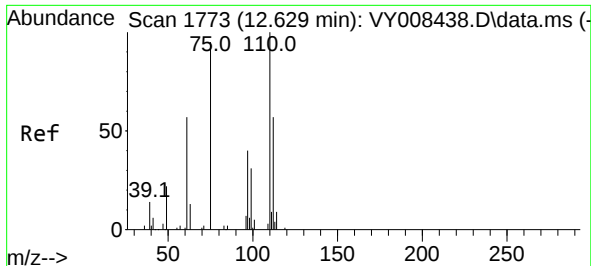
Tgt Ion:152 Resp: 10968
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 152.7 0.0 347.6



#74
N-ethyl acetate
Concen: 1.849 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 43 Resp: 380
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 31.3 17.3 25.9#
61 0.0 17.0 25.6#

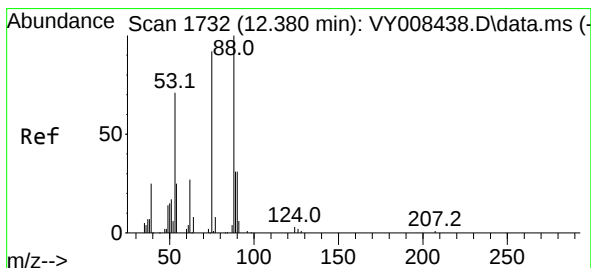
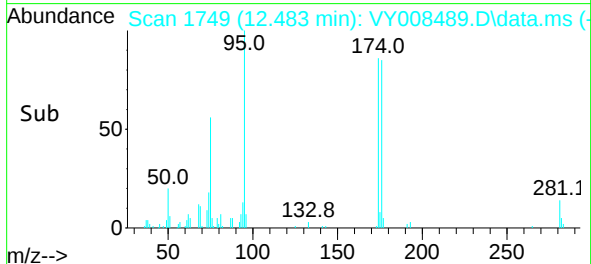
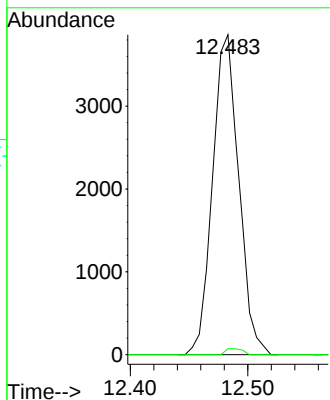
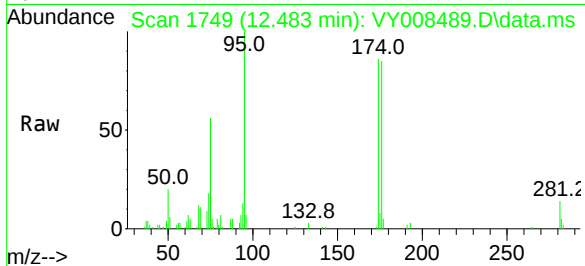




#76
1,2,3-Trichloropropane
Concen: 42.136 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

Tgt Ion: 75 Resp: 5981
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 75 Resp: 5981
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

