

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008501.D
 Acq On : 26 Apr 2022 14:06
 Operator : KP/MD
 Sample : N2502-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C4

Quant Time: Apr 27 01:22:15 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)

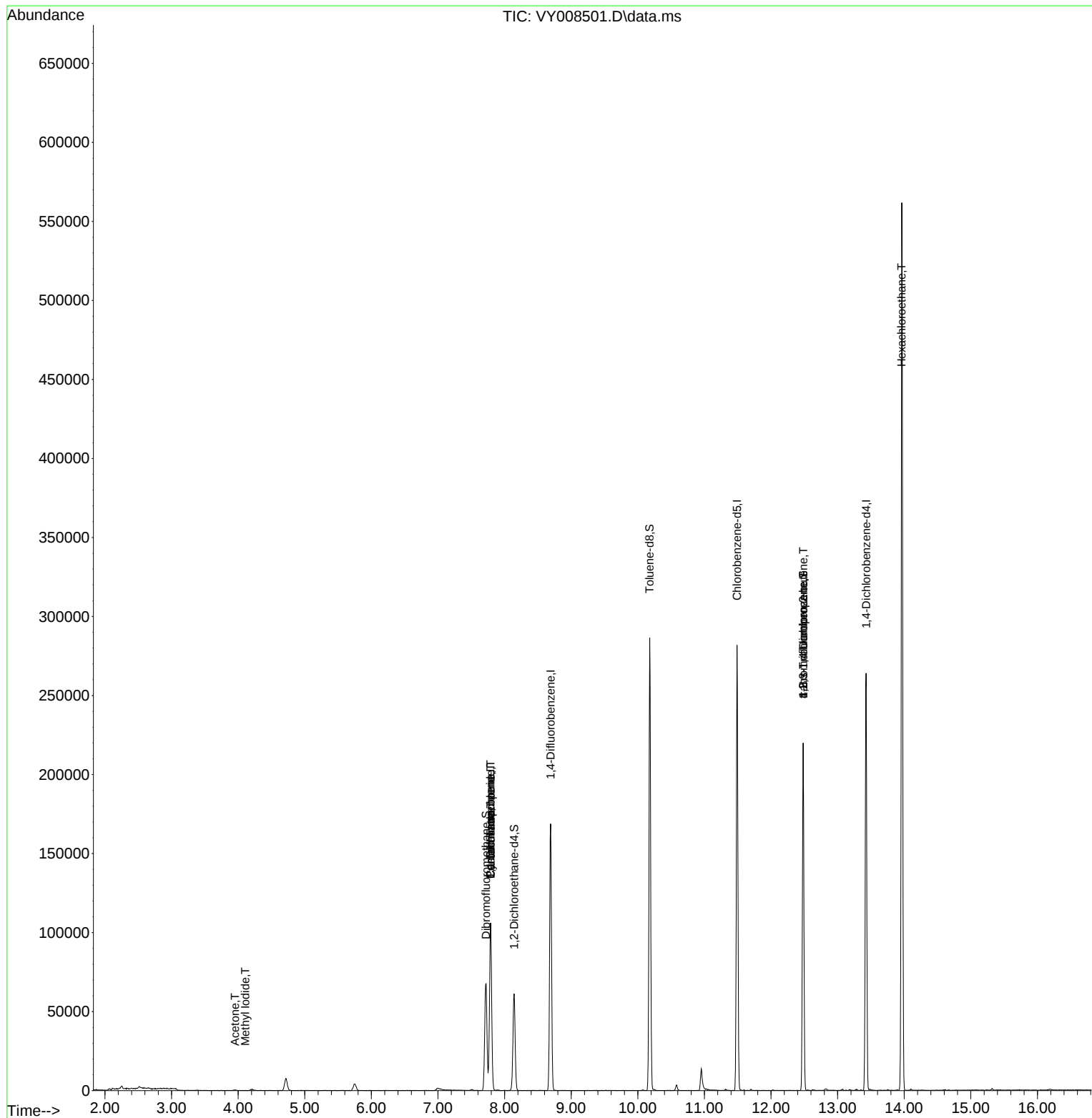
Internal Standards						
1) Pentafluorobenzene	7.789	168	81485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	46704	48.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.722	113	48462	49.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.179	98	186469	48.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.483	95	61996	47.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.420%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	33	1.718	ug/l #	35
11) Tert butyl alcohol	4.948	59	72	Below Cal	#	77
16) Acetone	3.954	43	712	3.188	ug/l #	81
20) Methylene Chloride	4.722	84	5824	Below Cal	#	76
31) Cyclohexane	7.789	56	1779	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6651	4.288	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8299	5.149	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	35093	40.295	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35093	93.479	ug/l #	7
90) Hexachloroethane	13.958	117	846	1.013	ug/l #	16

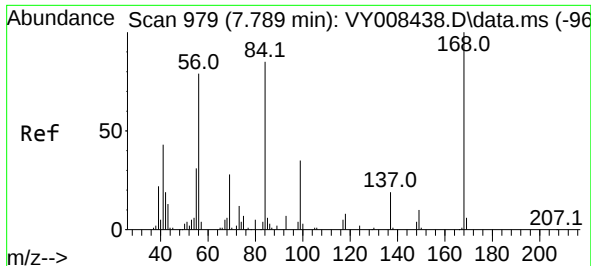
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
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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

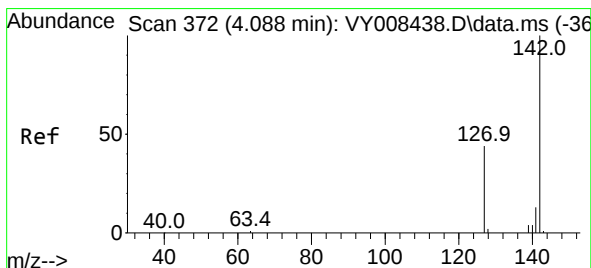
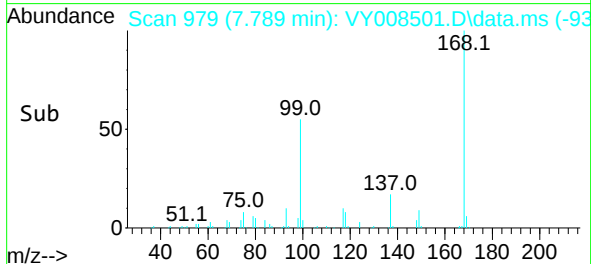
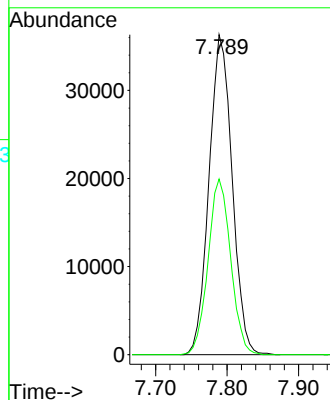
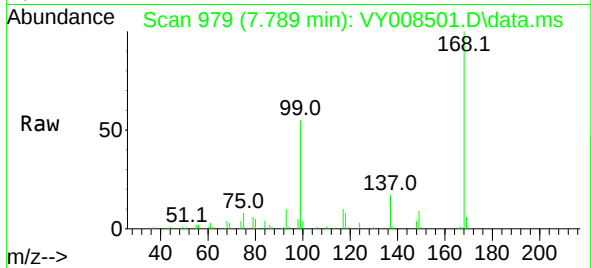




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

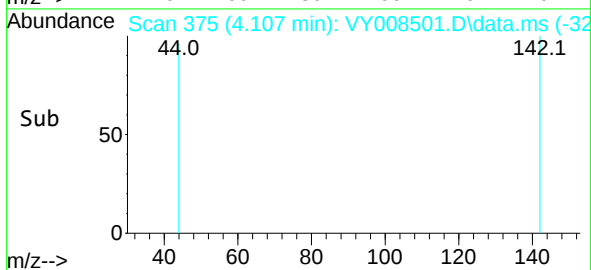
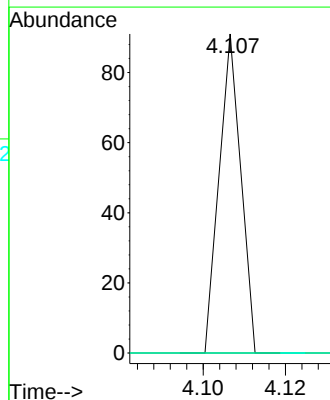
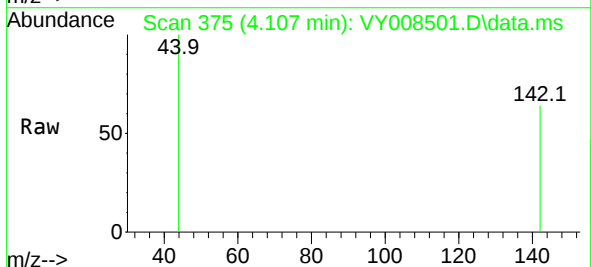
Instrument :
MSVOA_Y
ClientSampleId :
C4

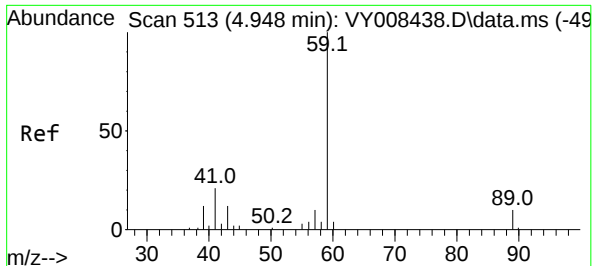
Tgt Ion:168 Resp: 81485
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.718 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Tgt Ion:142 Resp: 33
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

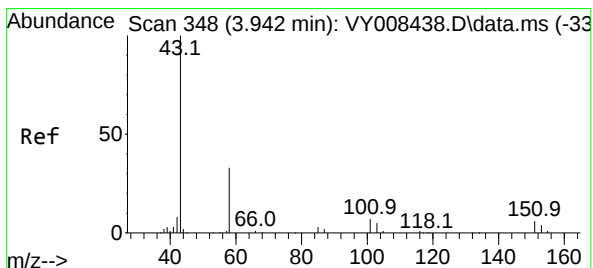
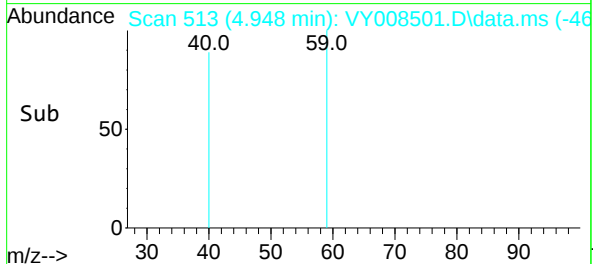
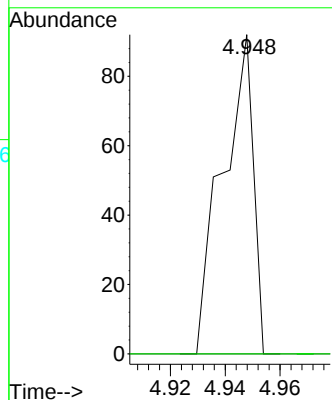
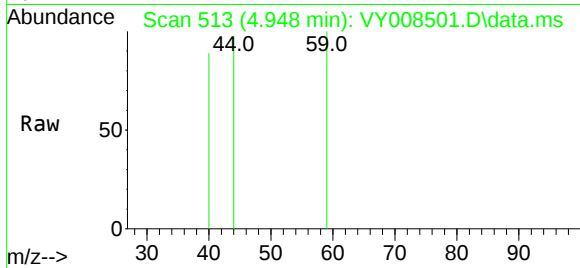




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

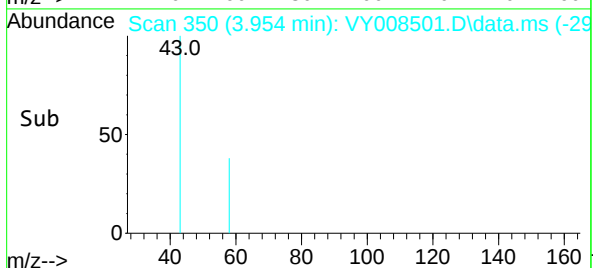
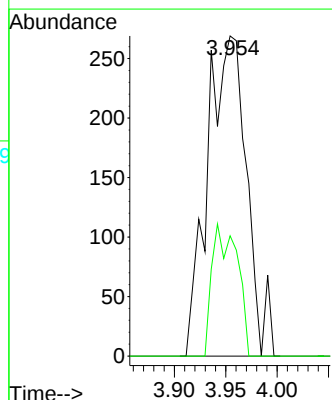
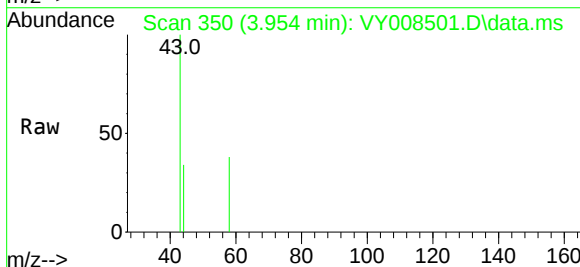
Instrument :
MSVOA_Y
ClientSampleId :
C4

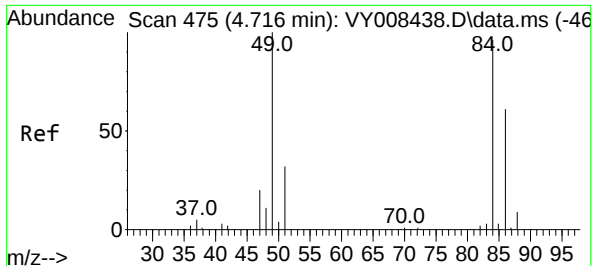
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.188 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#



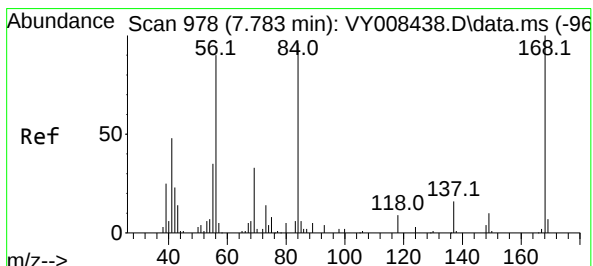
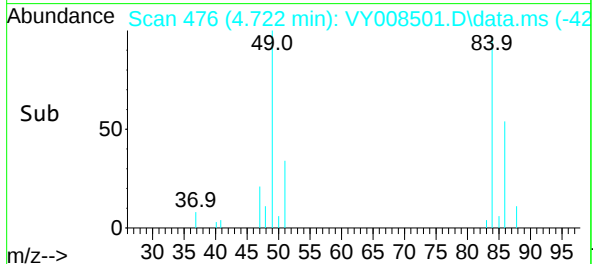
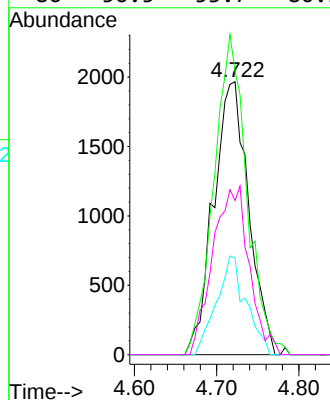
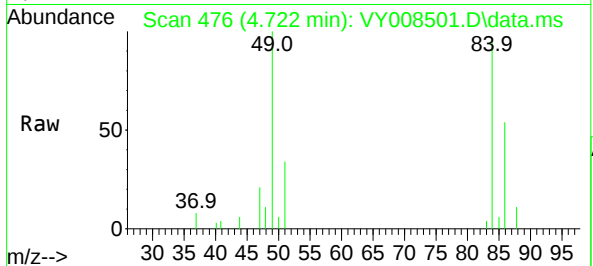


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
C4

Tgt Ion: 84 Resp: 5824

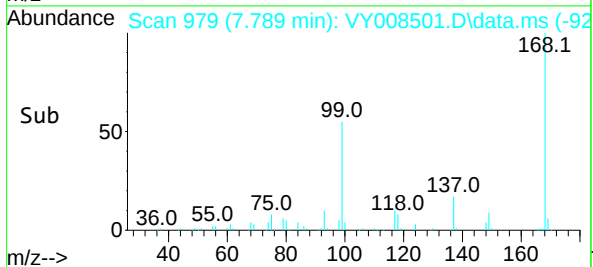
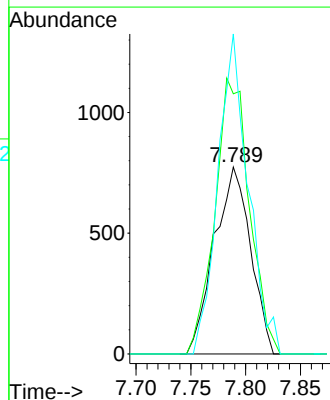
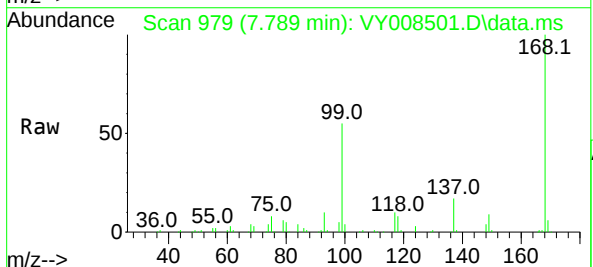
Ion	Ratio	Lower	Upper
84	100		
49	103.8	114.4	171.6#
51	35.4	35.3	52.9
86	56.5	53.7	80.5

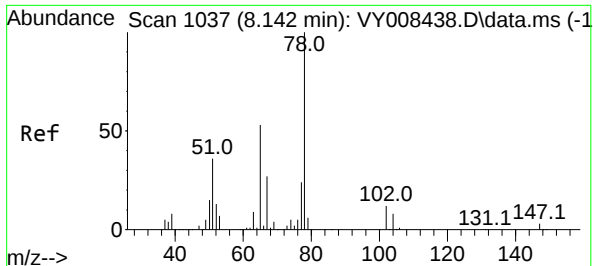


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Tgt Ion: 56 Resp: 1779

Ion	Ratio	Lower	Upper
56	100		
69	139.1	26.7	40.1#
84	171.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 48.712 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008501.D

Acq: 26 Apr 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

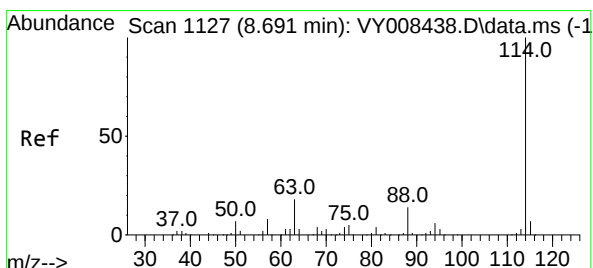
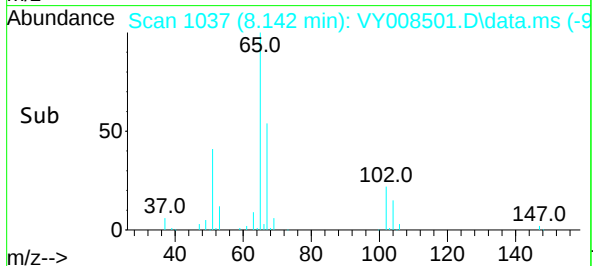
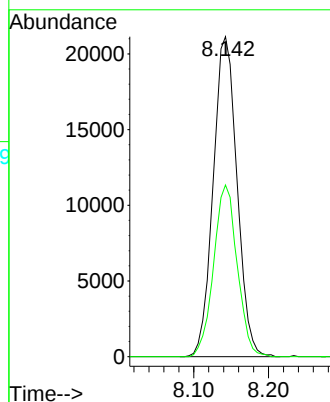
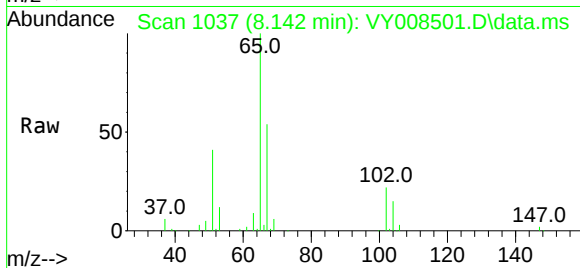
C4

Tgt Ion: 65 Resp: 46704

Ion Ratio Lower Upper

65 100

67 53.2 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: VY008501.D

Acq: 26 Apr 2022 14:06

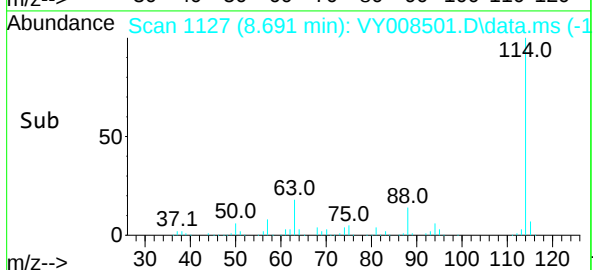
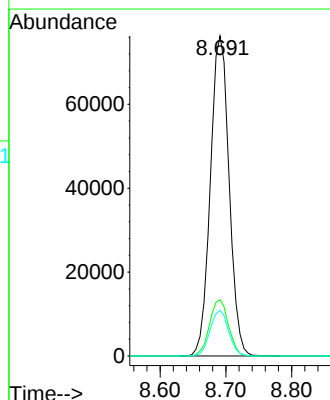
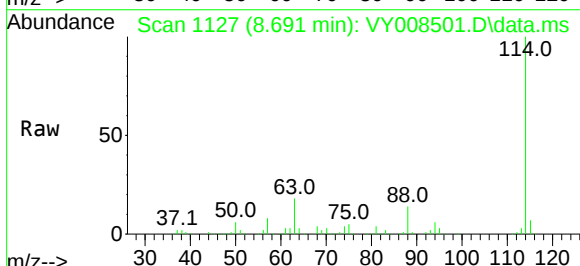
Tgt Ion: 114 Resp: 151097

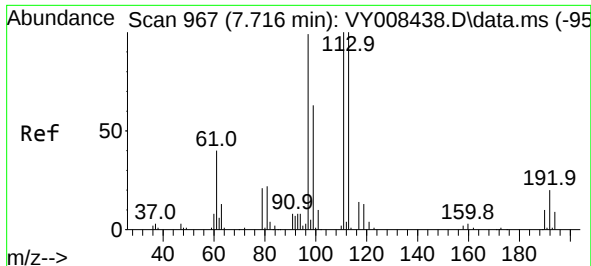
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.3 0.0 31.8

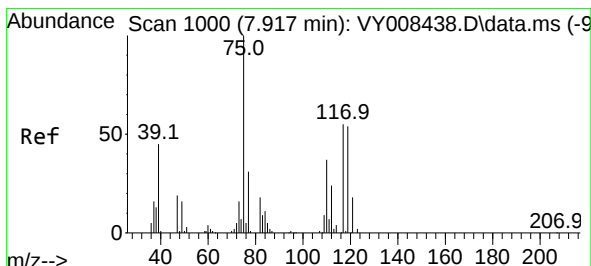
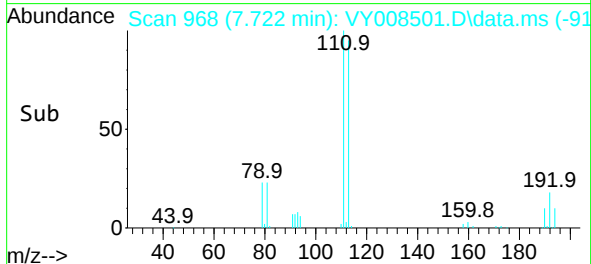
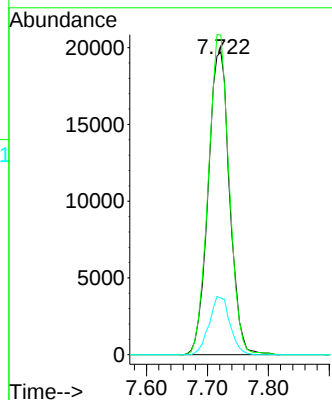
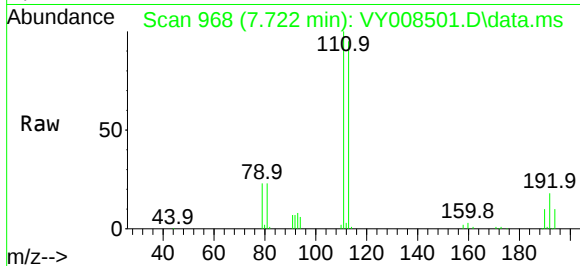




#35
Dibromofluoromethane
Concen: 49.697 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

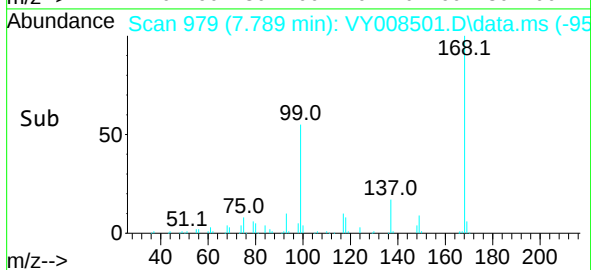
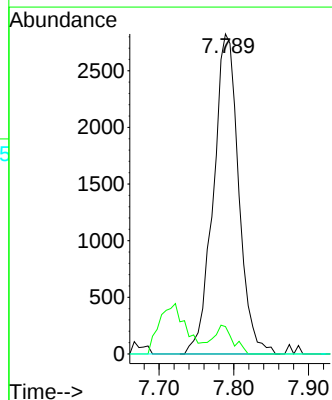
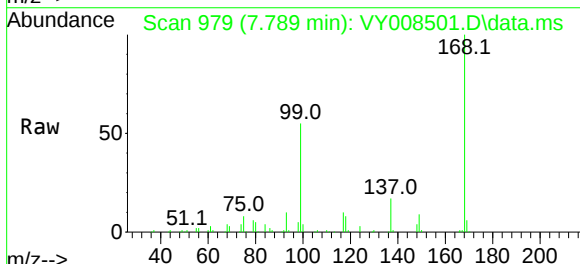
Instrument :
MSVOA_Y
ClientSampleId :
C4

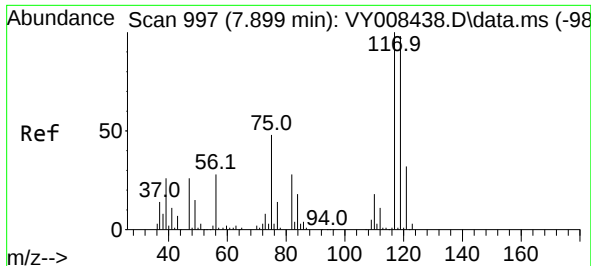
Tgt Ion:113 Resp: 48462
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.288 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

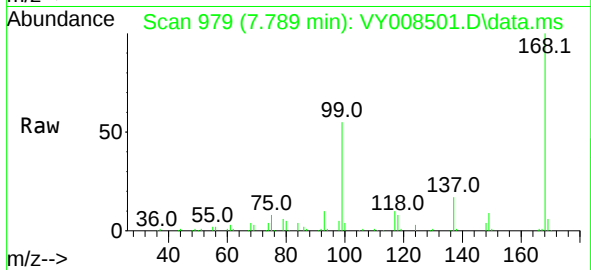
Tgt Ion: 75 Resp: 6651
Ion Ratio Lower Upper
75 100
110 7.1 17.1 51.2#
77 0.0 24.4 36.6#



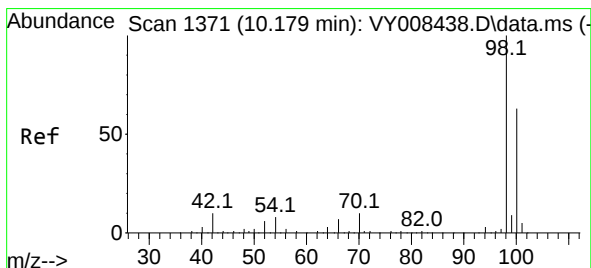
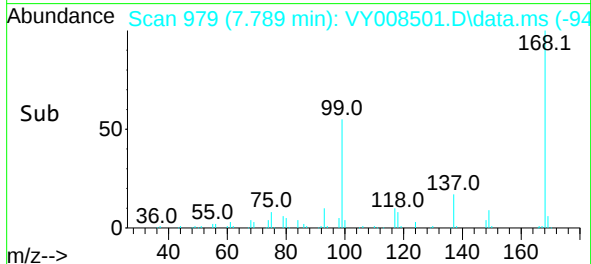
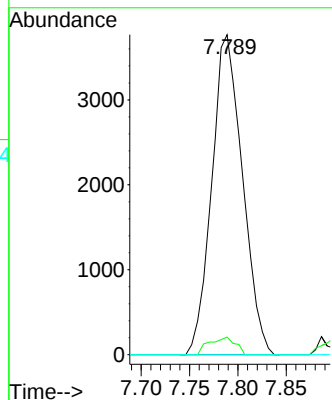


#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
C4

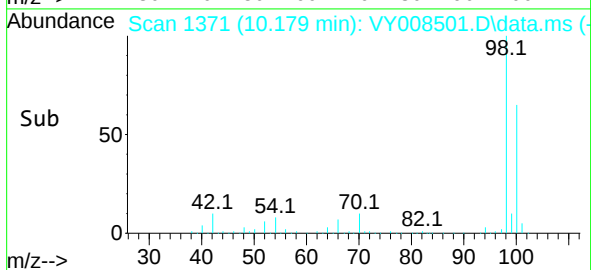
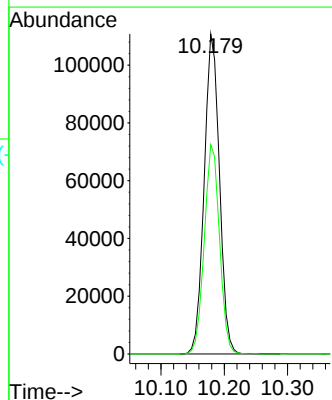
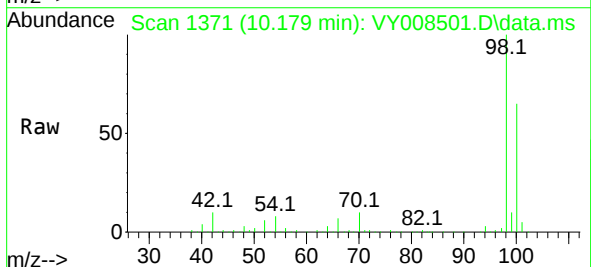


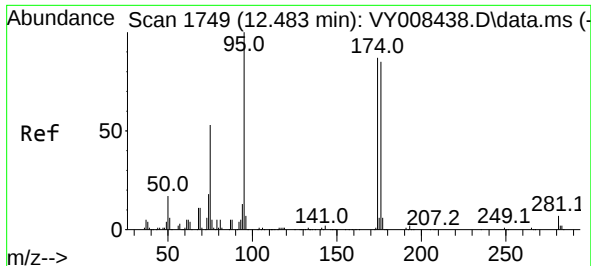
Tgt Ion:117 Resp: 8299
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Tgt Ion: 98 Resp: 186469
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

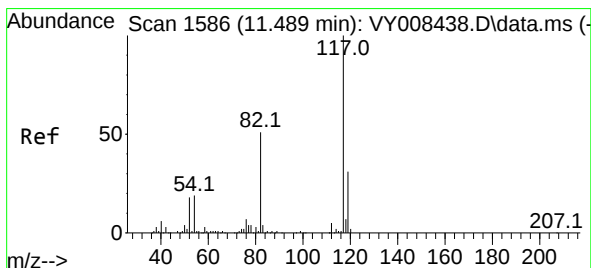
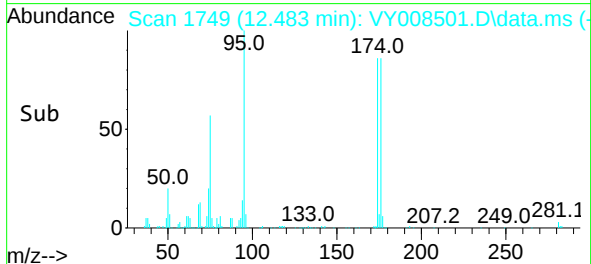
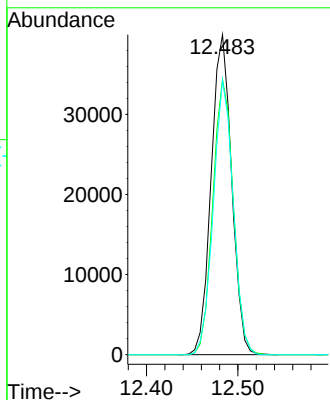
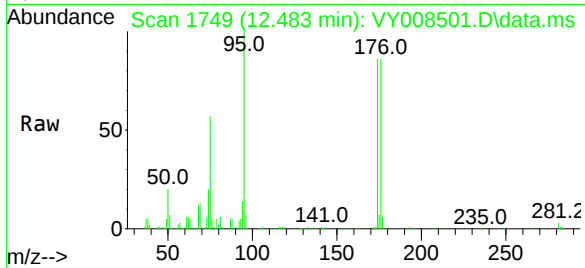




#62
4-Bromofluorobenzene
Concen: 47.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

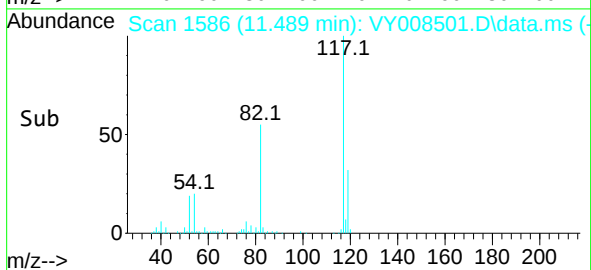
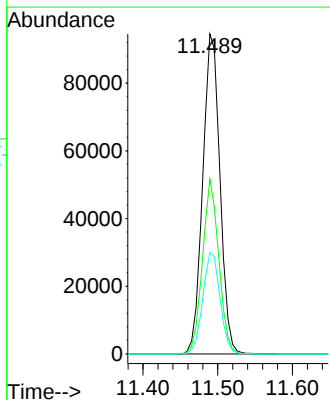
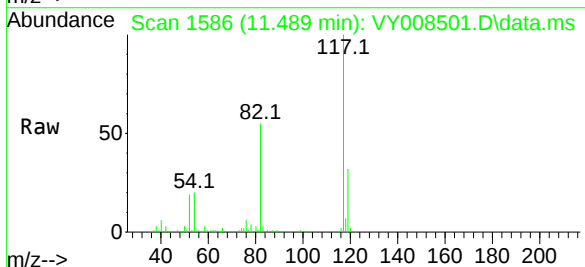
Instrument :
MSVOA_Y
ClientSampleId :
C4

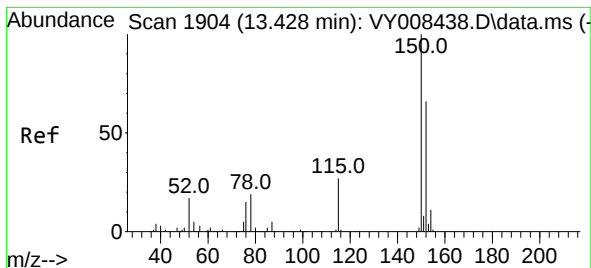
Tgt Ion:	95	Resp:	61996
Ion Ratio	Lower	Upper	
95	100		
174	86.1	0.0	177.0
176	83.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Tgt Ion:	117	Resp:	151064
Ion Ratio	Lower	Upper	
117	100		
82	54.7	43.0	64.4
119	31.6	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: VY008501.D

Acq: 26 Apr 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

C4

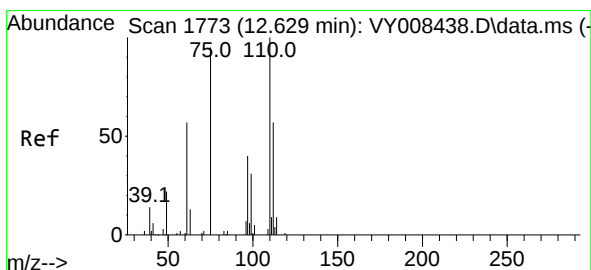
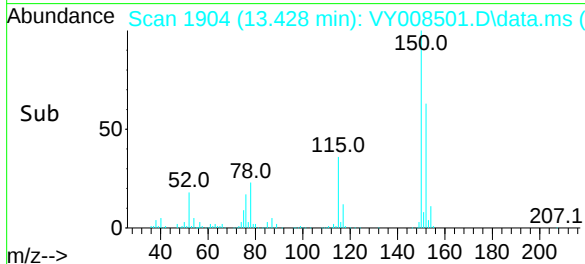
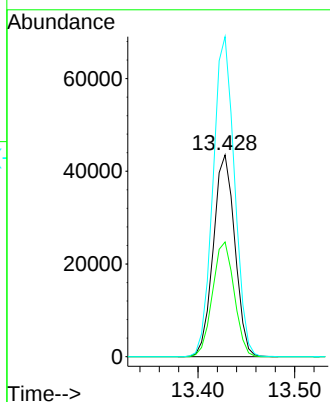
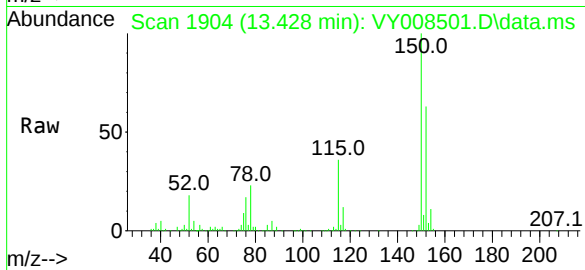
Tgt Ion:152 Resp: 67295

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 157.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 40.295 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008501.D

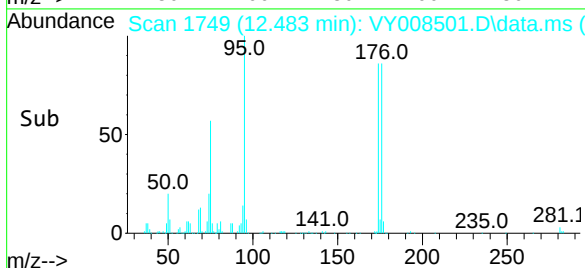
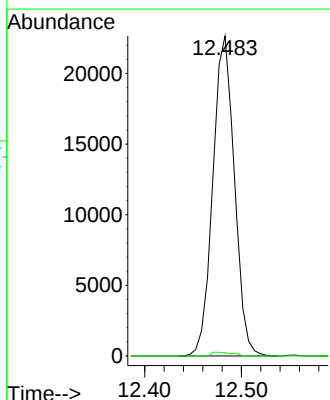
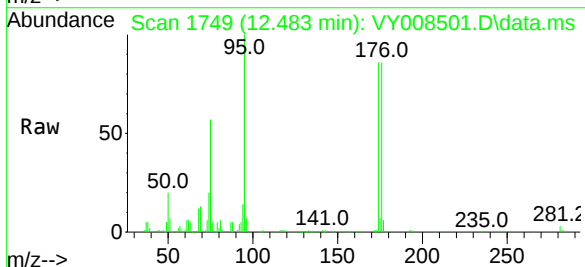
Acq: 26 Apr 2022 14:06

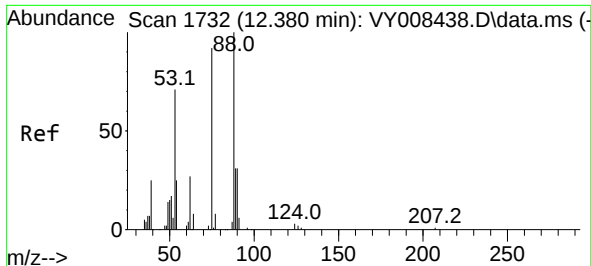
Tgt Ion: 75 Resp: 35093

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

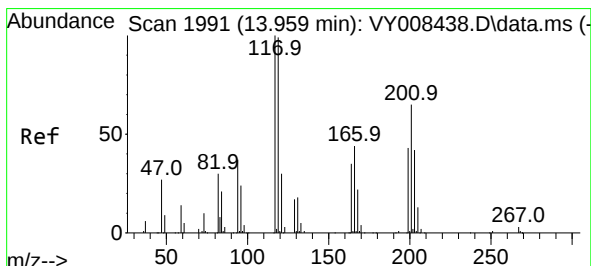
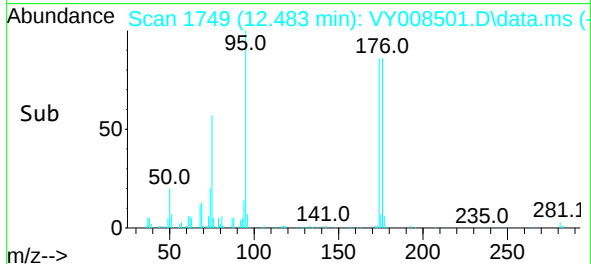
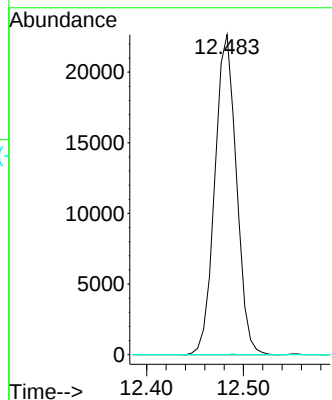
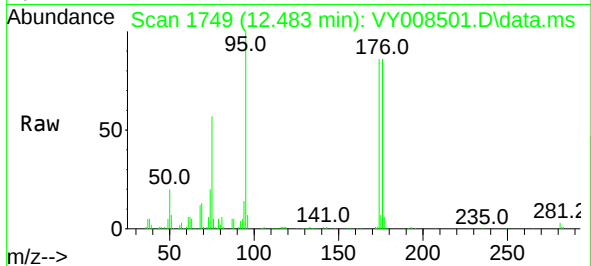




#81
trans-1,4-Dichloro-2-butene
Concen: 93.479 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
C4

Tgt Ion: 75 Resp: 35093
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#90
Hexachloroethane
Concen: 1.013 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY008501.D
Acq: 26 Apr 2022 14:06

Tgt Ion: 117 Resp: 846
Ion Ratio Lower Upper
117 100
201 8.4 43.0 128.8#

