

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008466.D
 Acq On : 22 Apr 2022 15:48
 Operator : KP/MD
 Sample : N2526-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:53:18 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)

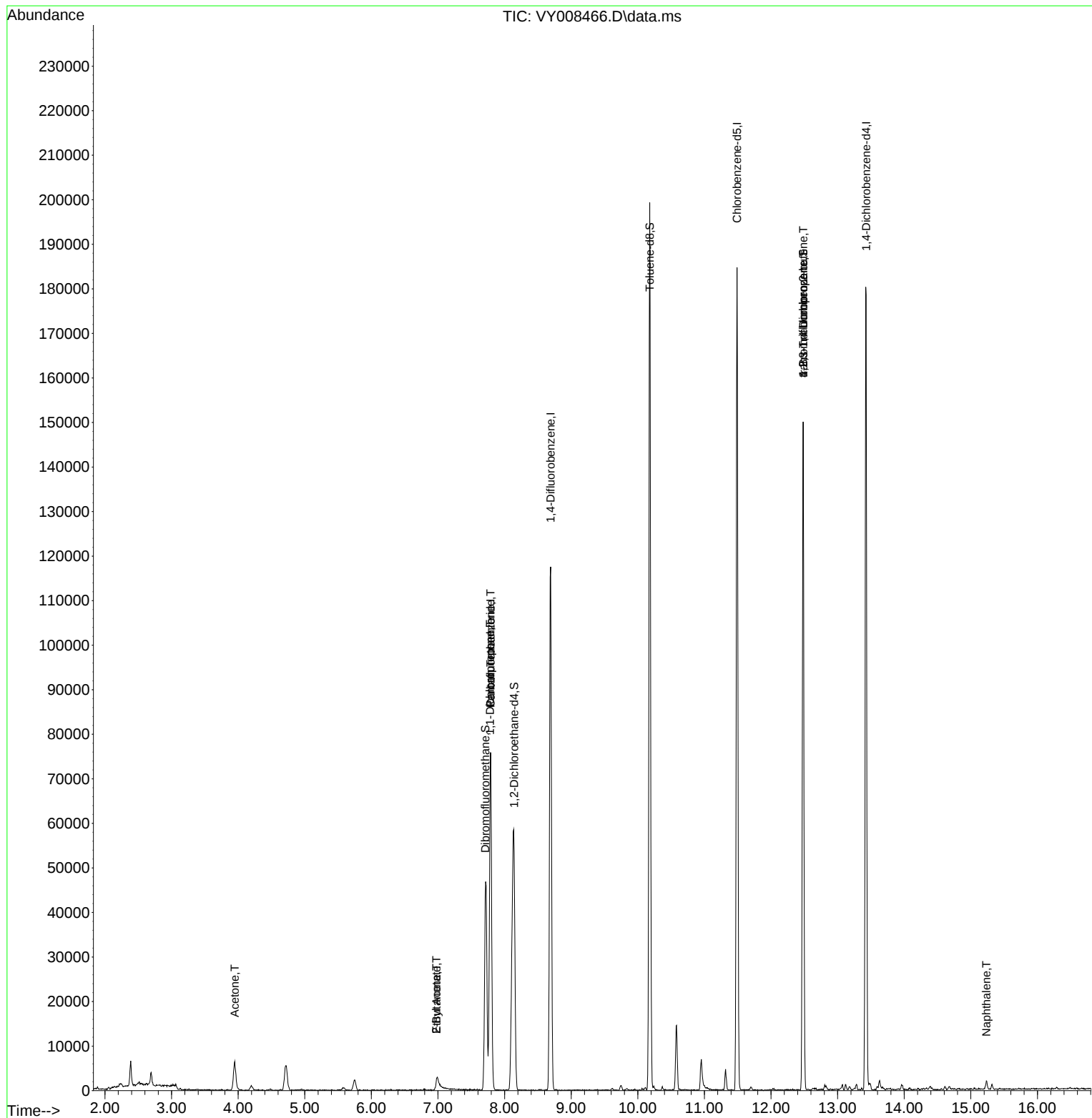
Internal Standards						
1) Pentafluorobenzene	7.789	168	59037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	107435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	103250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33489	48.210	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.420%		
35) Dibromofluoromethane	7.710	113	33969	48.991	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.980%		
50) Toluene-d8	10.179	98	130325	47.288	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.580%		
62) 4-Bromofluorobenzene	12.483	95	42328	45.336	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.680%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.936	59	135	Below Cal	#	77
16) Acetone	3.948	43	10829	66.930	ug/l #	89
20) Methylene Chloride	4.722	84	4517	Below Cal	#	71
25) 2-Butanone	6.978	43	2732	10.914	ug/l	91
36) 1,1-Dichloropropene	7.783	75	4904	4.446	ug/l #	50
37) Ethyl Acetate	6.978	43	2732	4.479	ug/l #	72
38) Carbon Tetrachloride	7.789	117	6054	5.283	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	23211	38.906	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23211	90.257	ug/l #	7
95) Naphthalene	15.233	128	1957	1.022	ug/l	98

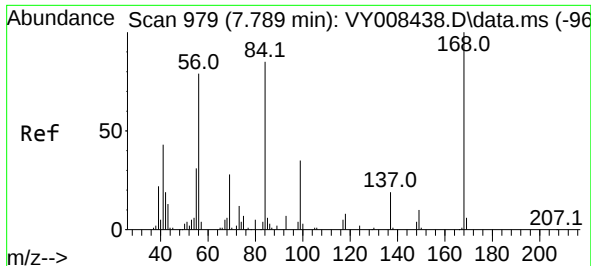
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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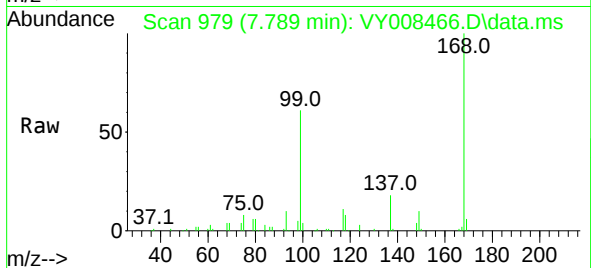
Quant Time: Apr 23 01:53:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
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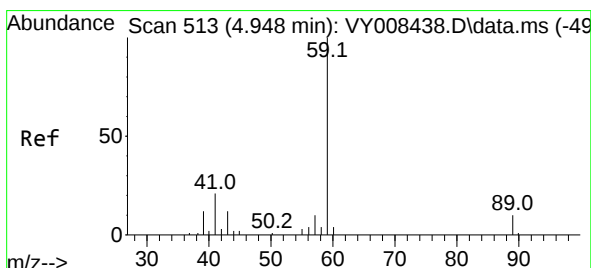
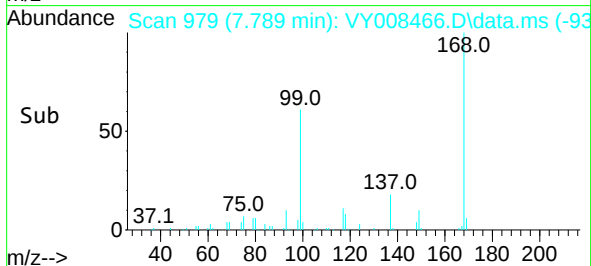
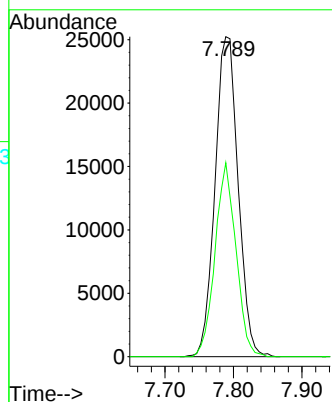


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :

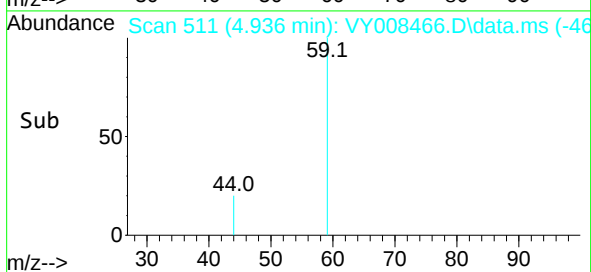
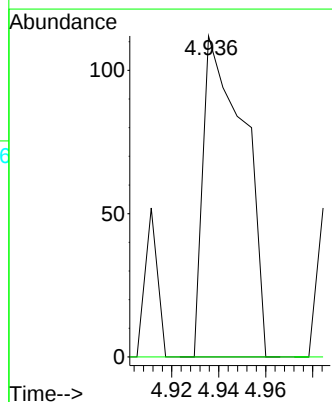
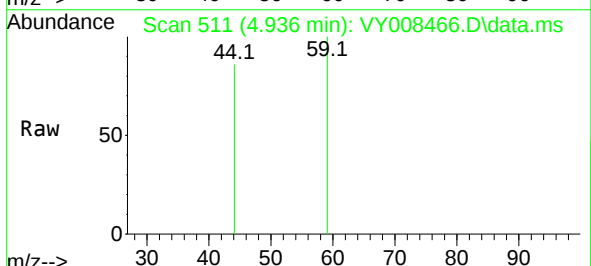


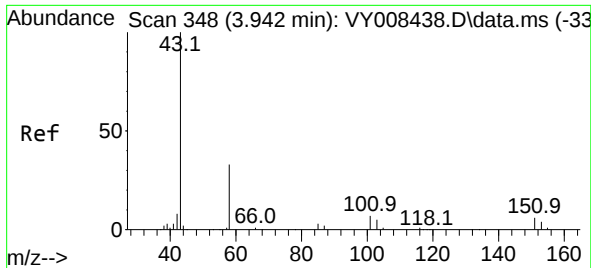
Tgt Ion:168 Resp: 59037
Ion Ratio Lower Upper
168 100
99 60.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 66.930 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008466.D

Acq: 22 Apr 2022 15:48

Instrument :

MSVOA_Y

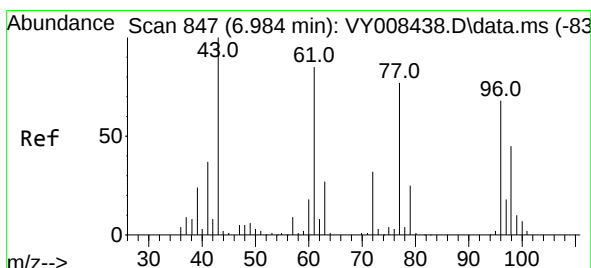
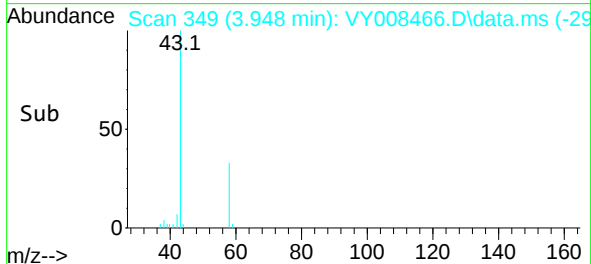
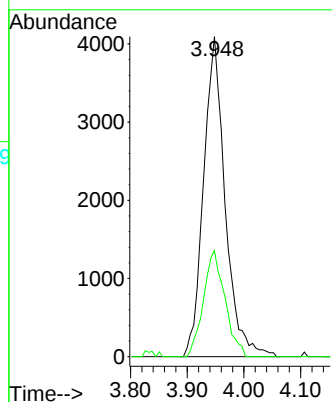
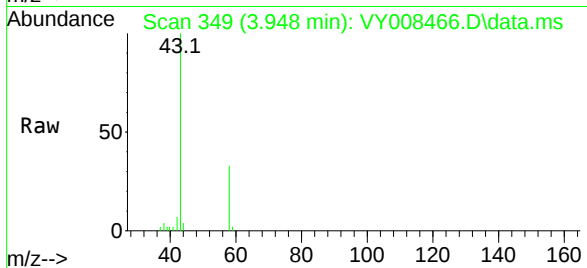
ClientSampleId :

Tgt Ion: 43 Resp: 10829

Ion Ratio Lower Upper

43 100

58 33.1 22.0 33.0#



#25

2-Butanone

Concen: 10.914 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008466.D

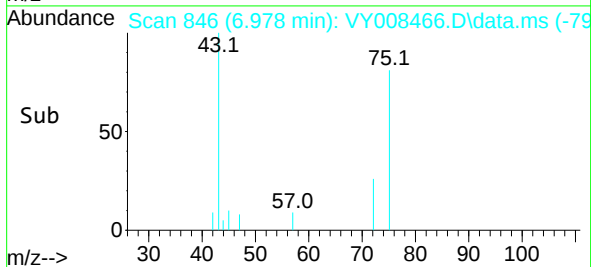
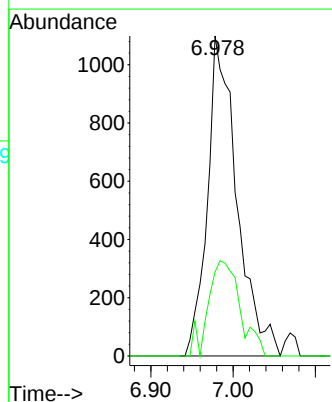
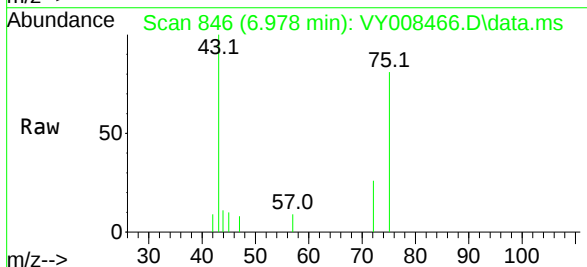
Acq: 22 Apr 2022 15:48

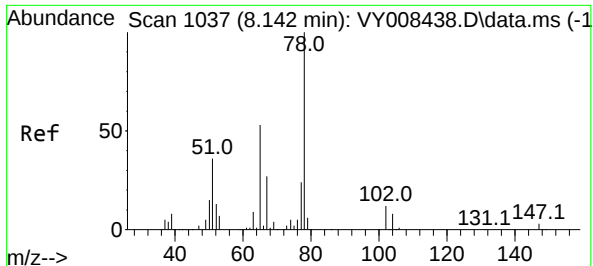
Tgt Ion: 43 Resp: 2732

Ion Ratio Lower Upper

43 100

72 26.3 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 48.210 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008466.D

Acq: 22 Apr 2022 15:48

Instrument :

MSVOA_Y

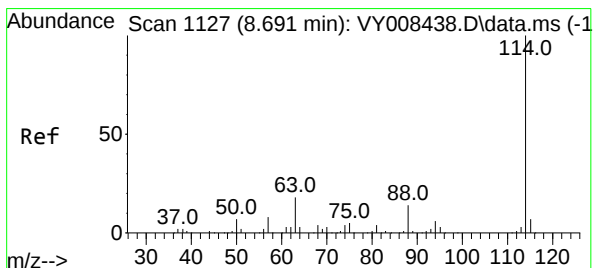
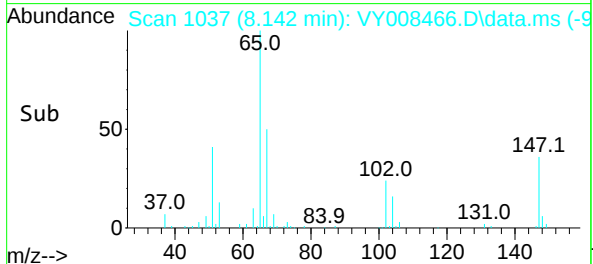
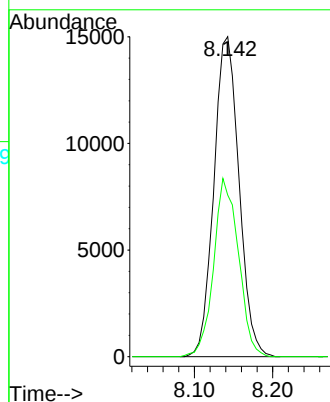
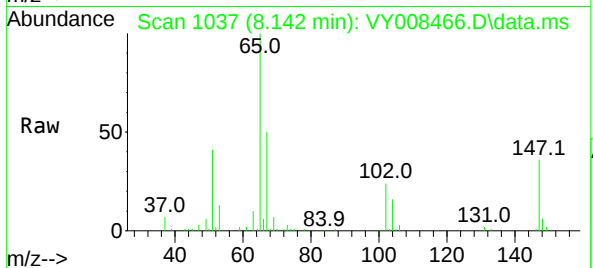
ClientSampleId :

Tgt Ion: 65 Resp: 33489

Ion Ratio Lower Upper

65 100

67 54.8 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: VY008466.D

Acq: 22 Apr 2022 15:48

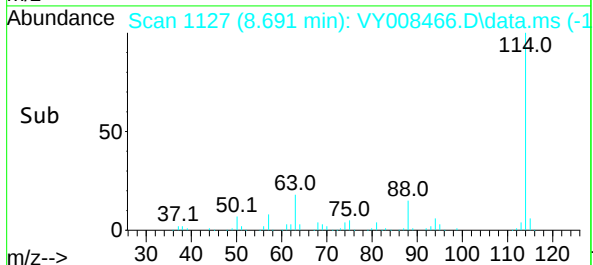
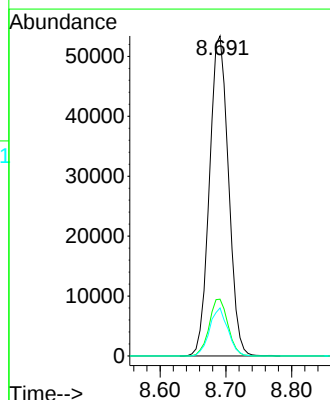
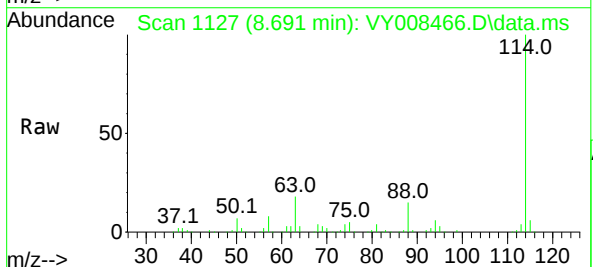
Tgt Ion: 114 Resp: 107435

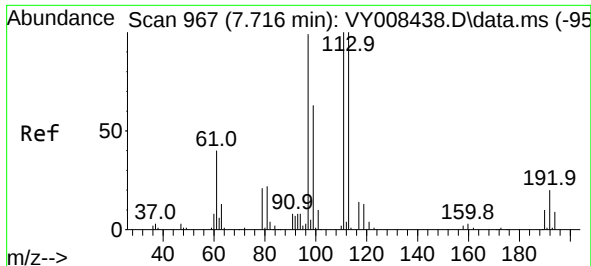
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

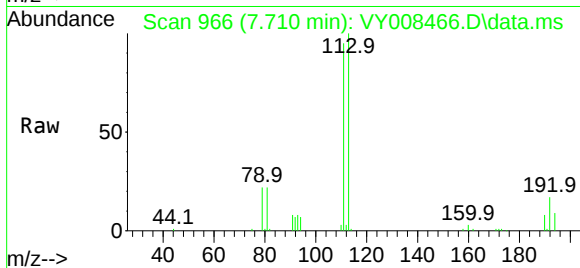
88 15.0 0.0 31.8



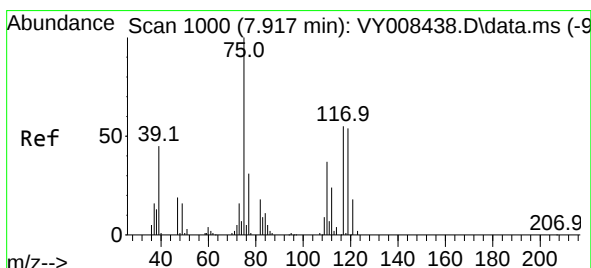
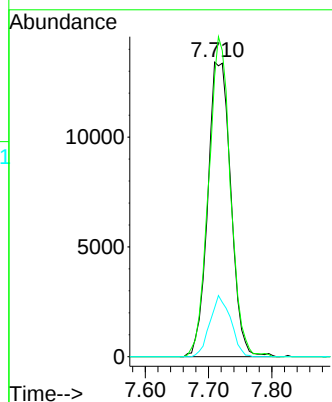
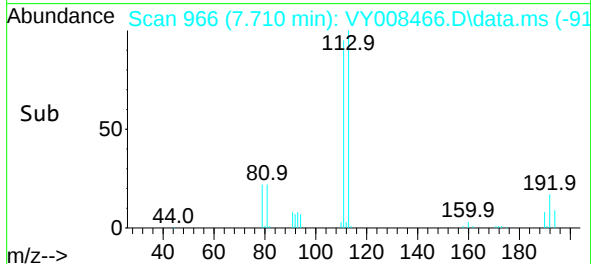


#35
Dibromofluoromethane
Concen: 48.991 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :

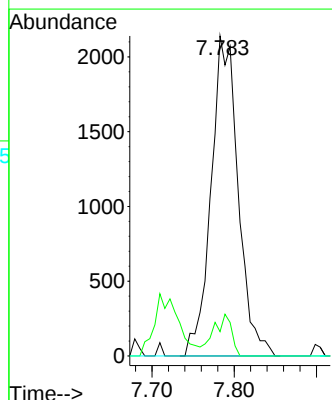
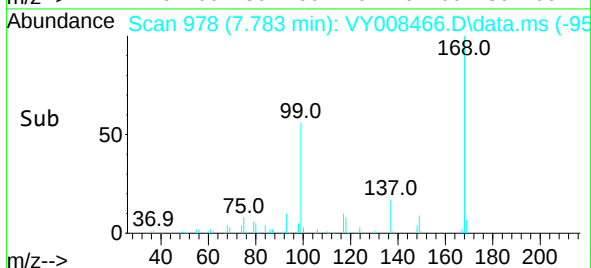
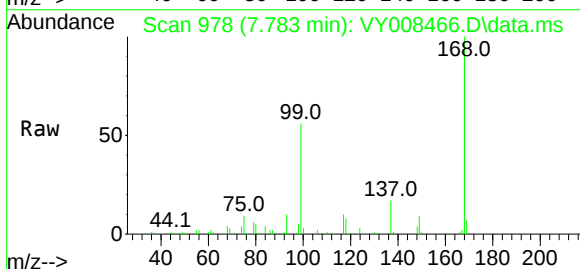


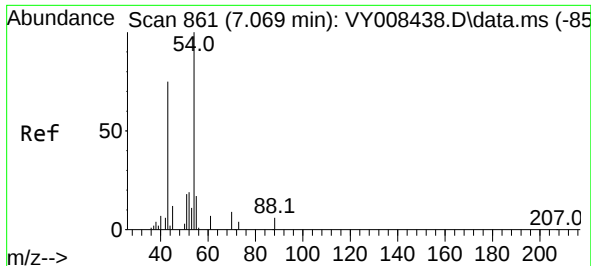
Tgt Ion:113 Resp: 33969
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

Tgt Ion: 75 Resp: 4904
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.479 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

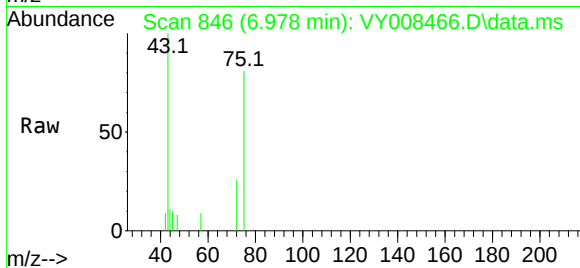
Lab File: VY008466.D

Acq: 22 Apr 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :



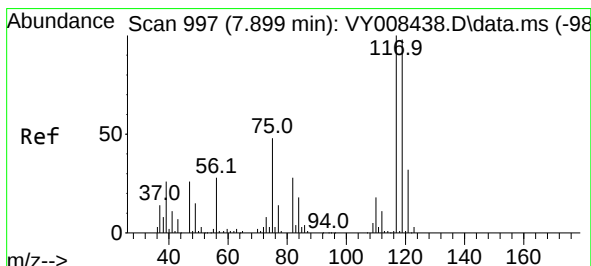
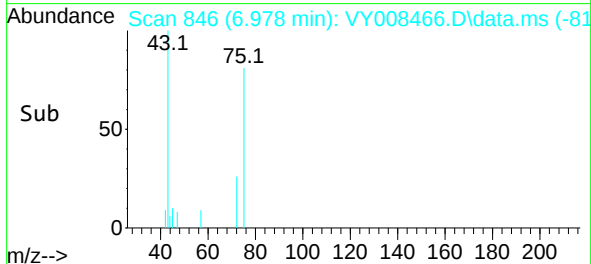
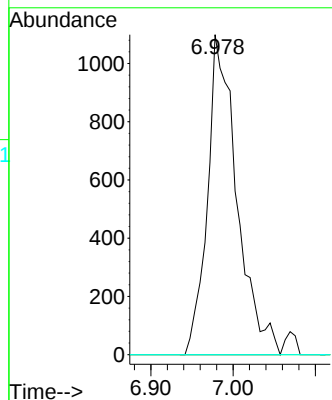
Tgt Ion: 43 Resp: 2732

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.283 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008466.D

Acq: 22 Apr 2022 15:48

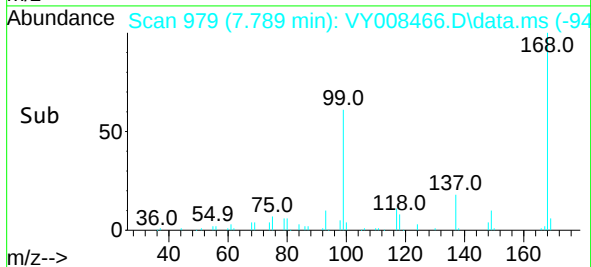
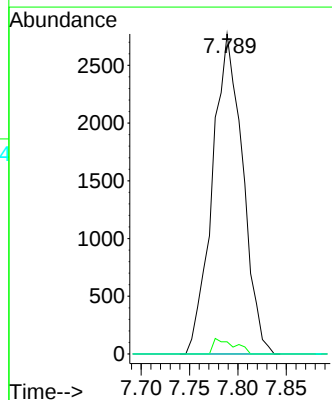
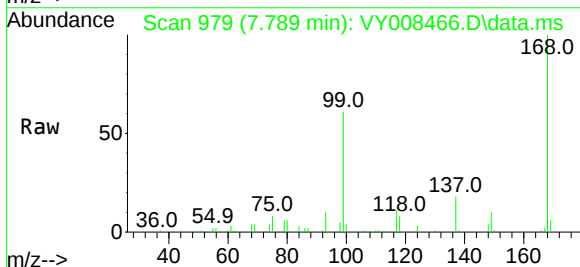
Tgt Ion: 117 Resp: 6054

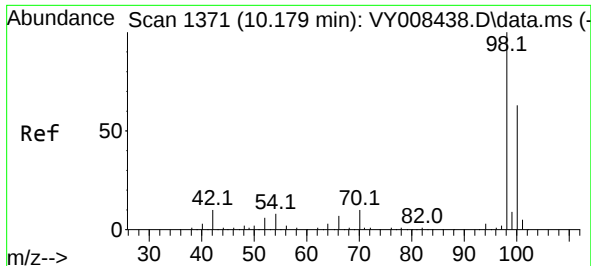
Ion Ratio Lower Upper

117 100

119 3.8 77.9 116.9#

121 0.0 24.8 37.2#

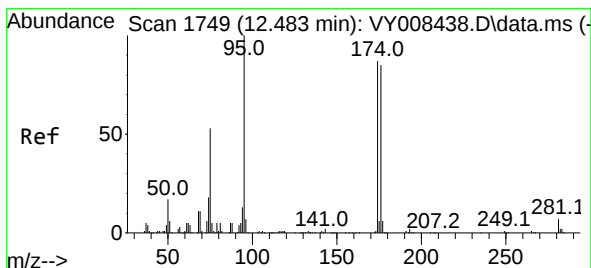
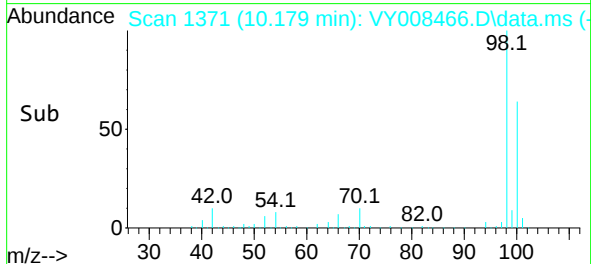
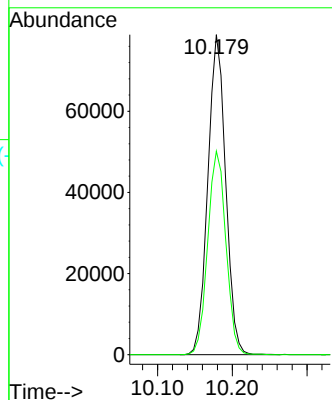
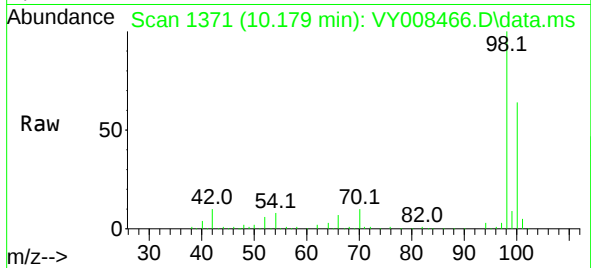




#50
Toluene-d8
Concen: 47.288 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

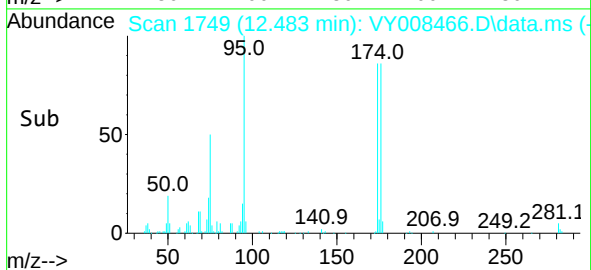
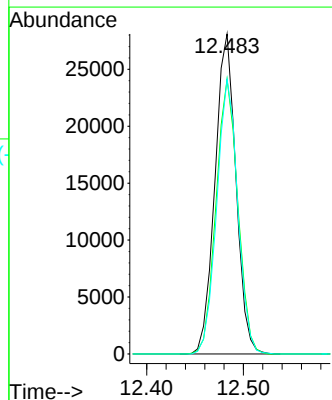
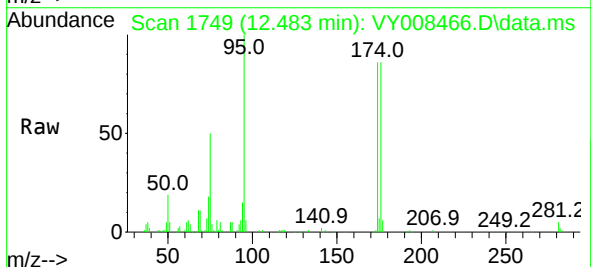
Instrument :
MSVOA_Y
ClientSampleId :

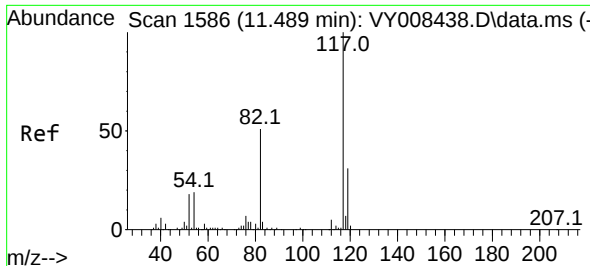
Tgt Ion: 98 Resp: 130325
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.336 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

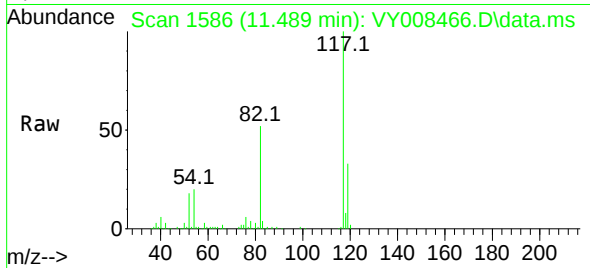
Tgt Ion: 95 Resp: 42328
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.8 0.0 175.8



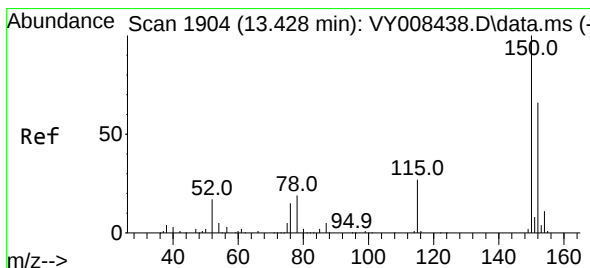
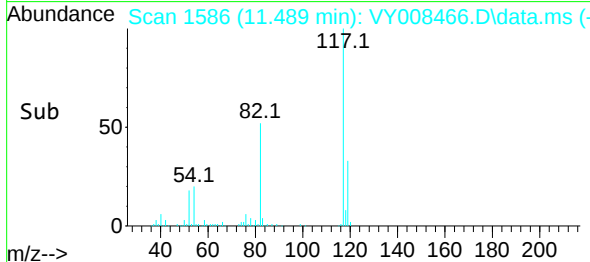
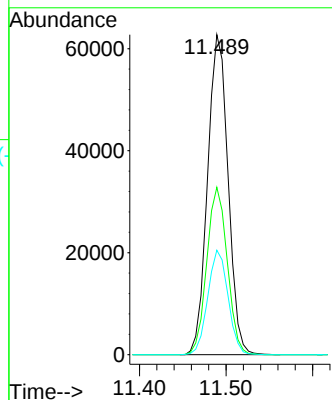


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :

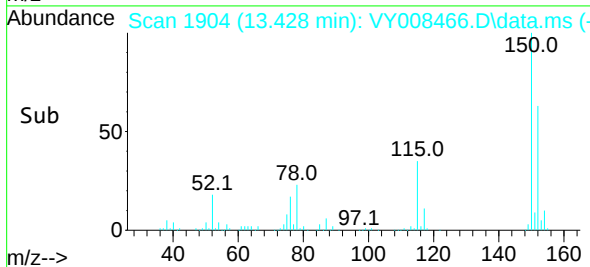
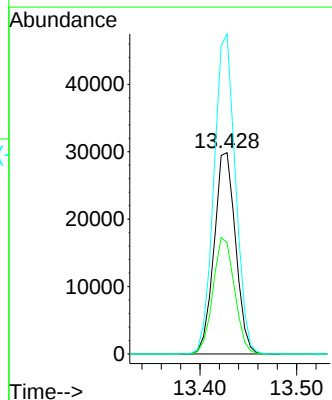
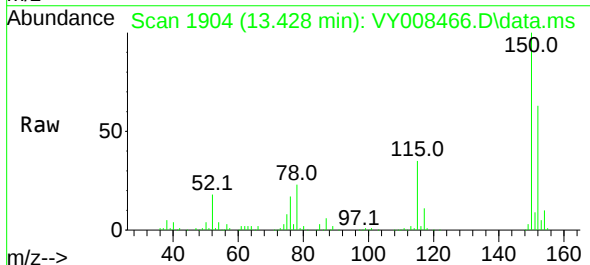


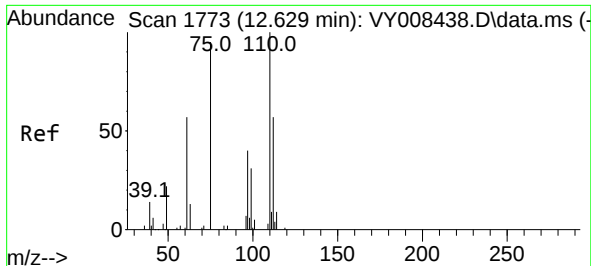
Tgt Ion:117 Resp: 103250
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

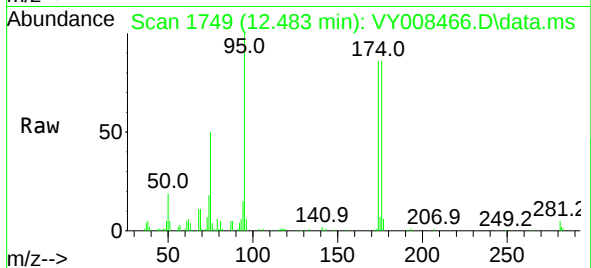
Tgt Ion:152 Resp: 46099
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 158.8 0.0 347.6



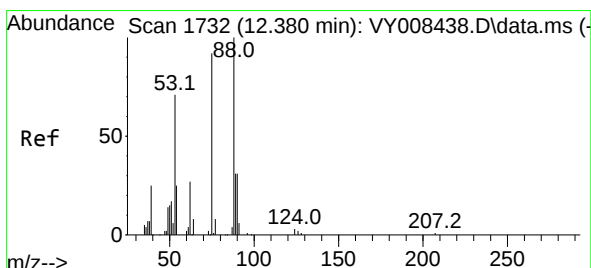
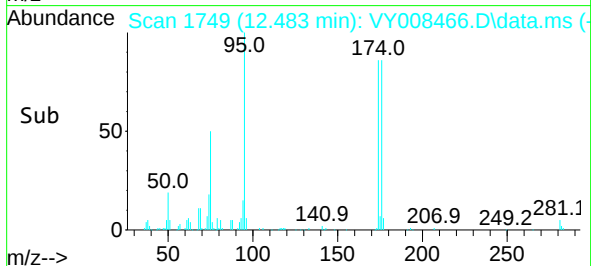
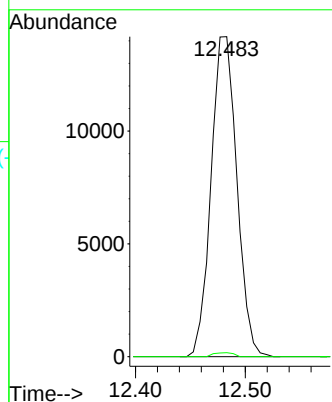


#76
1,2,3-Trichloropropane
Concen: 38.906 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :

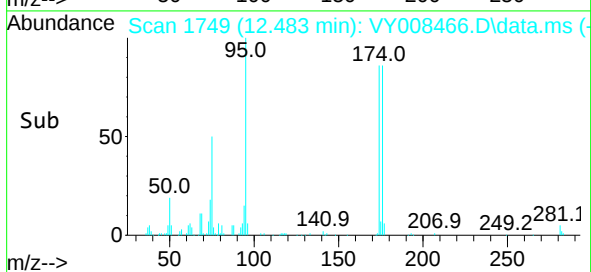
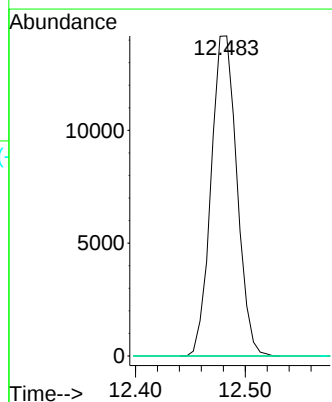
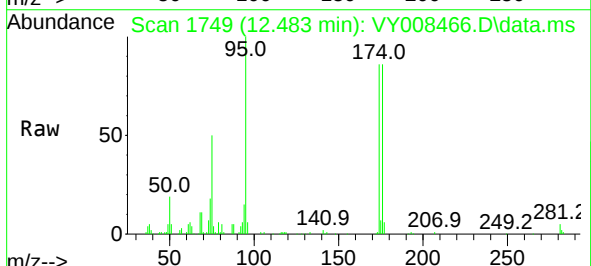


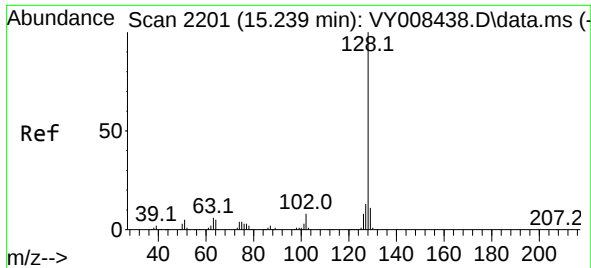
Tgt Ion: 75 Resp: 23211
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008466.D
Acq: 22 Apr 2022 15:48

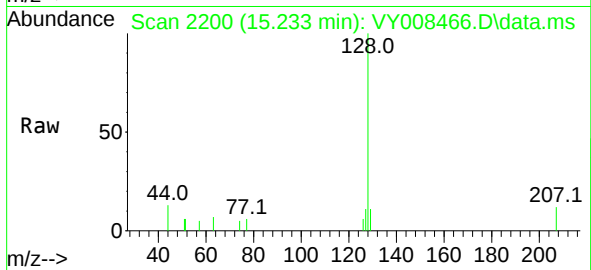
Tgt Ion: 75 Resp: 23211
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 1.022 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY008466.D
 Acq: 22 Apr 2022 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	1957
Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.4
129	11.4	8.4	12.6

