

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008073.D
 Acq On : 28 Mar 2022 18:37
 Operator : SY/MD
 Sample : N2095-12RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-5.0-6.0RE

Quant Time: Mar 29 02:28:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

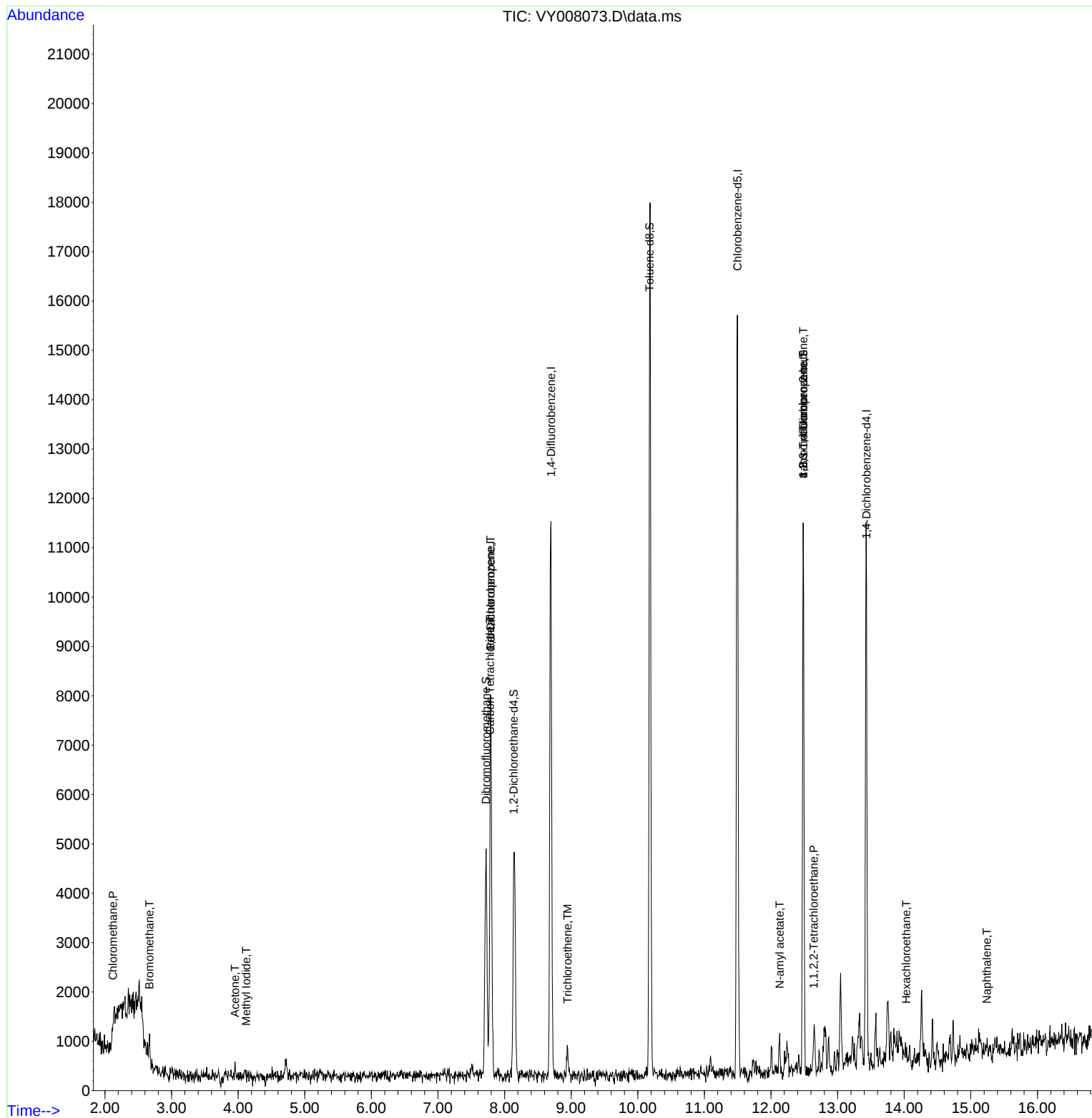
Internal Standards						
1) Pentafluorobenzene	7.789	168	6126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10820	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	9638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3959	64.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.820%			
35) Dibromofluoromethane	7.722	113	3332	49.117	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.179	98	12370	48.399	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.800%			
62) 4-Bromofluorobenzene	12.483	95	3690	40.923	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.840%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	168	2.498	ug/l #	67
5) Bromomethane	2.668	94	155	2.114	ug/l #	47
10) Methyl Iodide	4.119	142	196	4.006	ug/l #	35
16) Acetone	3.954	43	121	8.613	ug/l #	47
20) Methylene Chloride	4.716	84	236	Below Cal	#	55
36) 1,1-Dichloropropene	7.789	75	400	3.754	ug/l #	42
38) Carbon Tetrachloride	7.783	117	630	5.425	ug/l #	11
44) Trichloroethene	8.947	130	250	2.836	ug/l	93
74) N-amyl acetate	12.130	43	144	2.780	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.642	83	46	1.004	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	2040	58.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2040	130.782	ug/l #	7
90) Hexachloroethane	14.032	117	67	1.637	ug/l #	6
95) Naphthalene	15.239	128	219	1.753	ug/l #	69

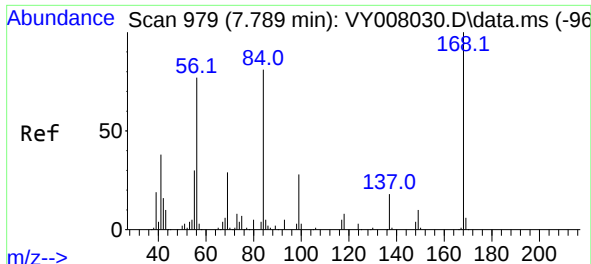
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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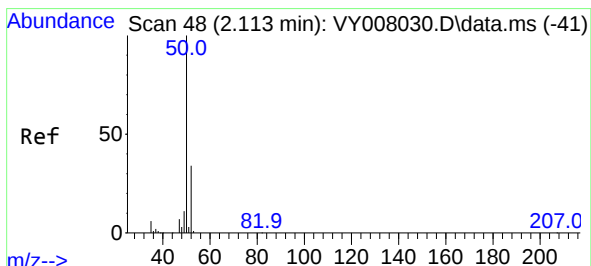
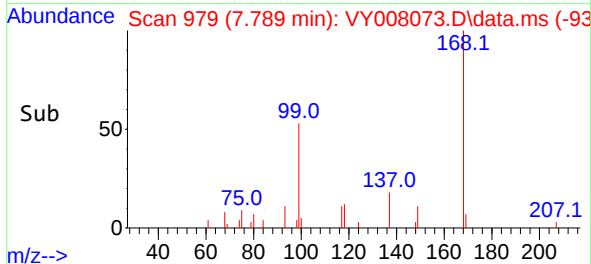
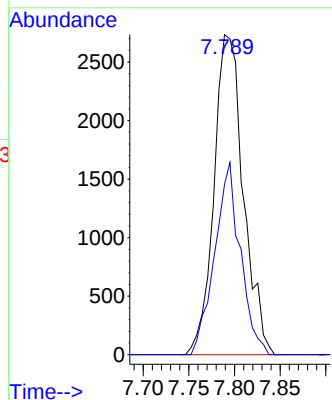
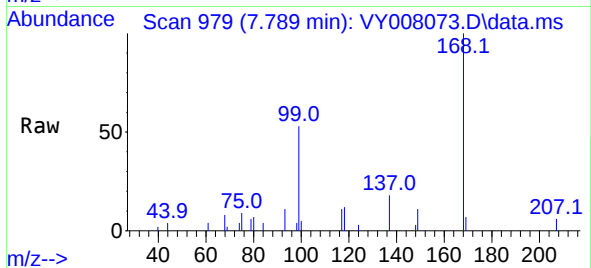




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

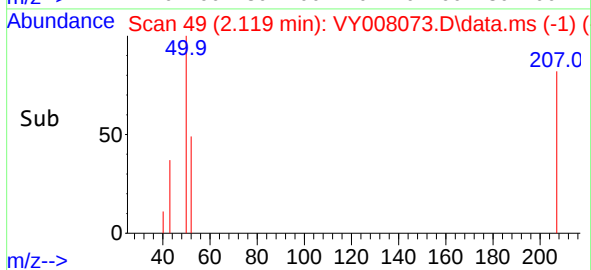
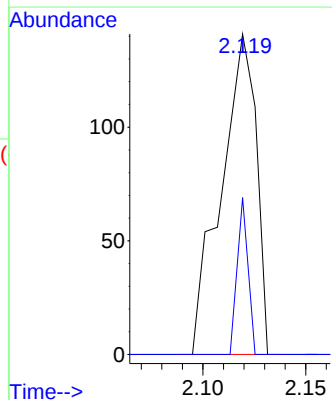
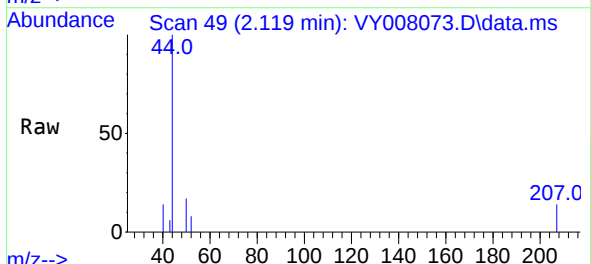
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE

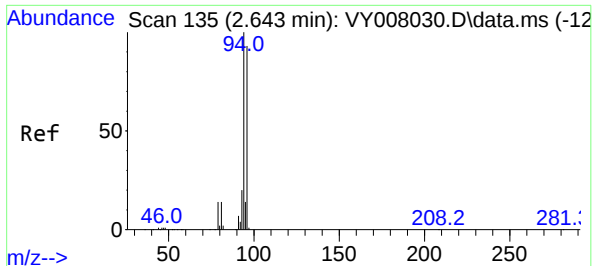
Tgt Ion:168 Resp: 6126
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#3
Chloromethane
Concen: 2.498 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion: 50 Resp: 168
Ion Ratio Lower Upper
50 100
52 48.9 24.6 37.0#

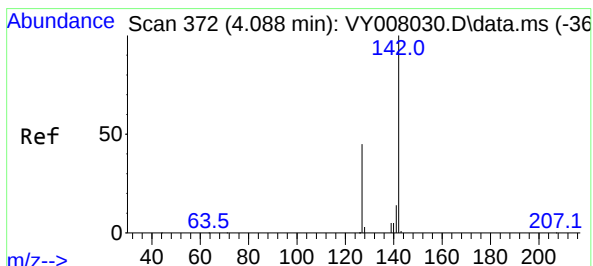
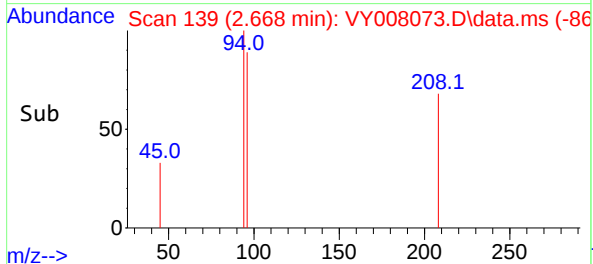
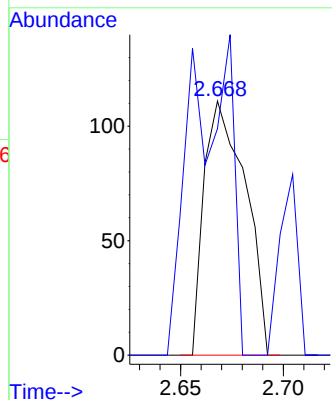
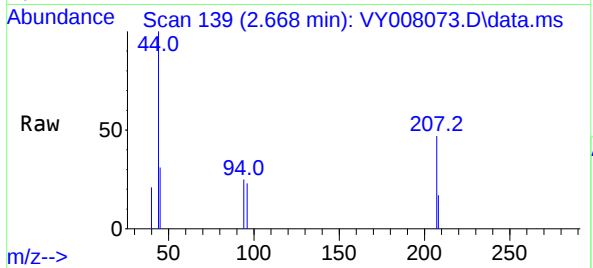




#5
Bromomethane
Concen: 2.114 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

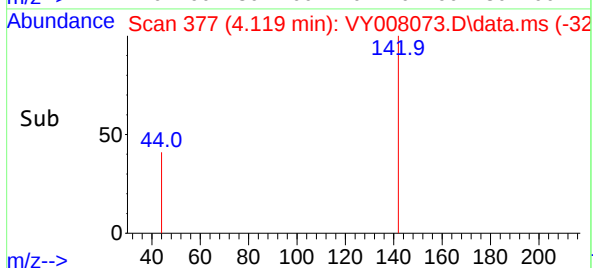
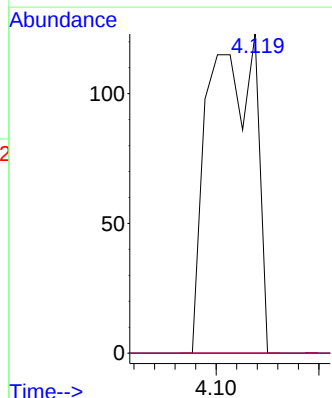
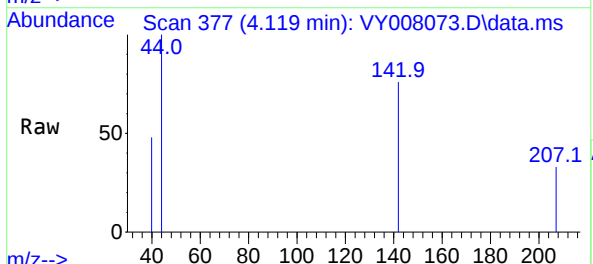
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE

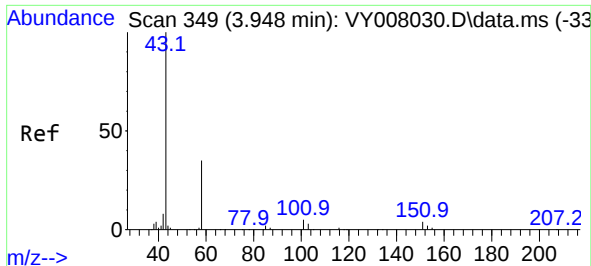
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 41.4 73.5 110.3#



#10
Methyl Iodide
Concen: 4.006 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion: 142 Resp: 196
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

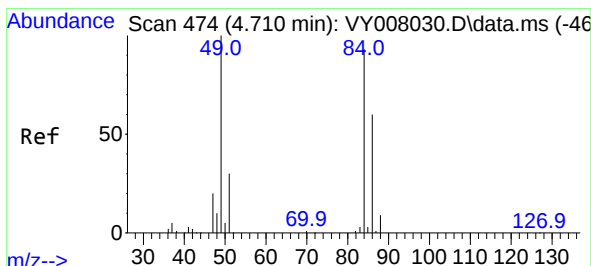
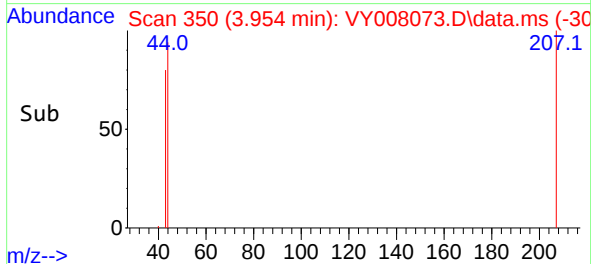
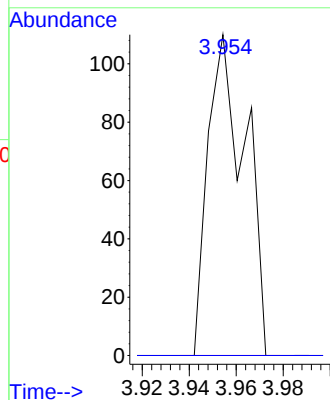
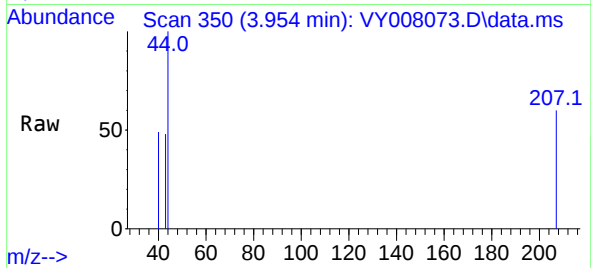




#16
Acetone
Concen: 8.613 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

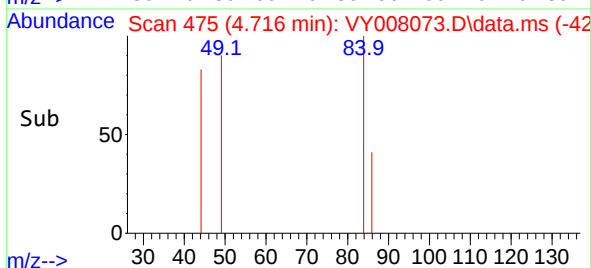
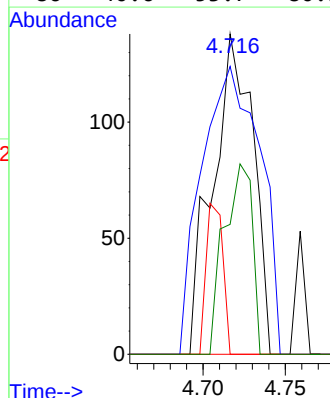
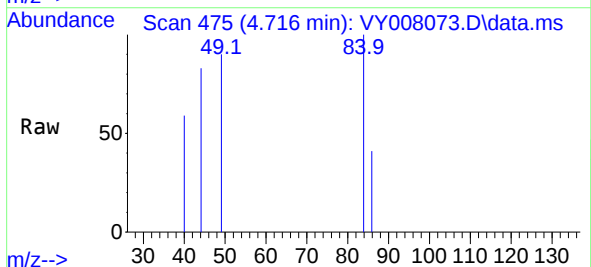
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE

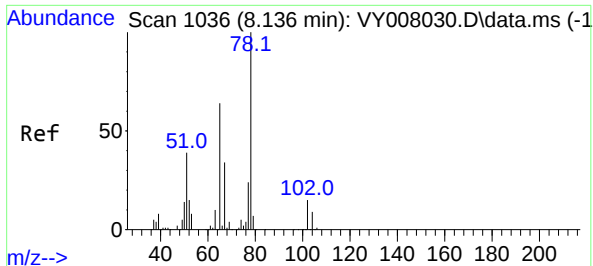
Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 89.9 114.4 171.6#
51 0.0 35.3 52.9#
86 40.6 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 64.414 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008073.D

Acq: 28 Mar 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

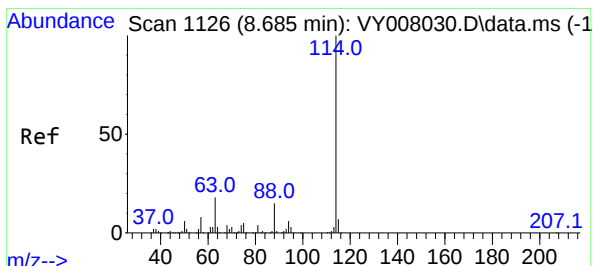
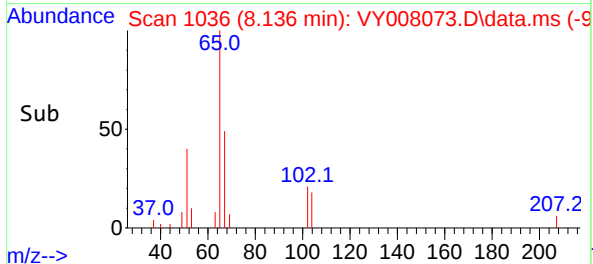
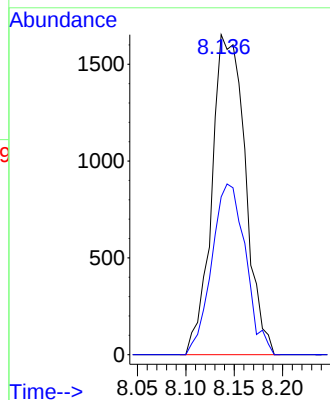
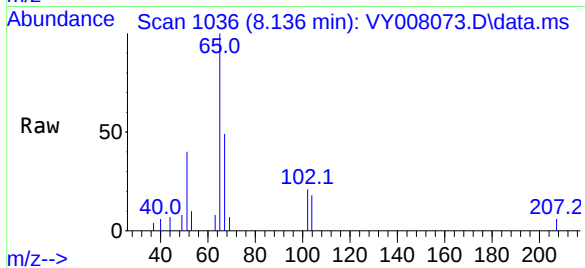
SB-12-5.0-6.0RE

Tgt Ion: 65 Resp: 3959

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY008073.D

Acq: 28 Mar 2022 18:37

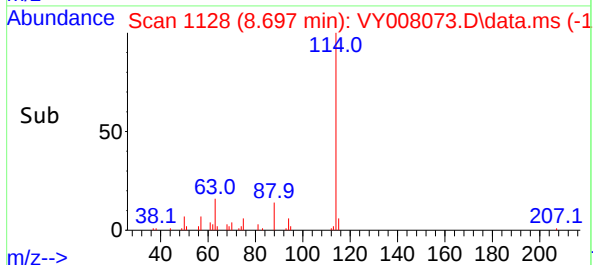
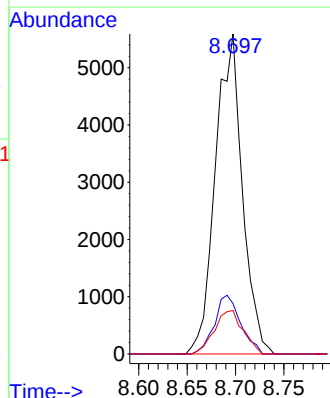
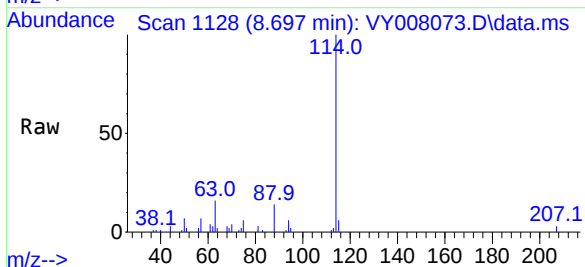
Tgt Ion: 114 Resp: 10820

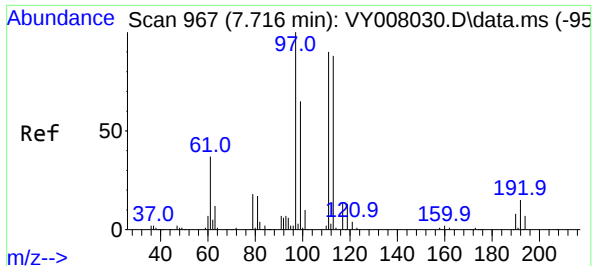
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 13.6 0.0 31.8

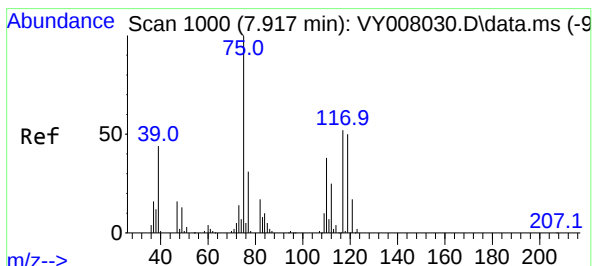
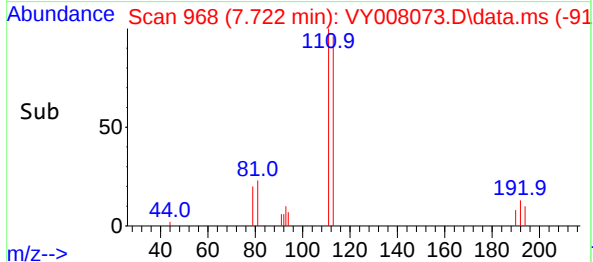
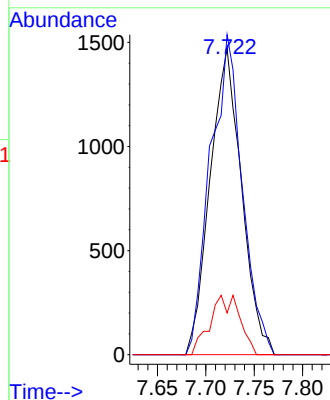
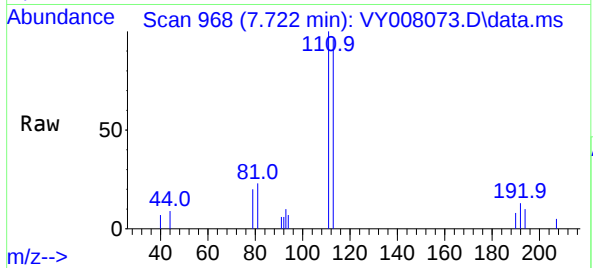




#35
Dibromofluoromethane
Concen: 49.117 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

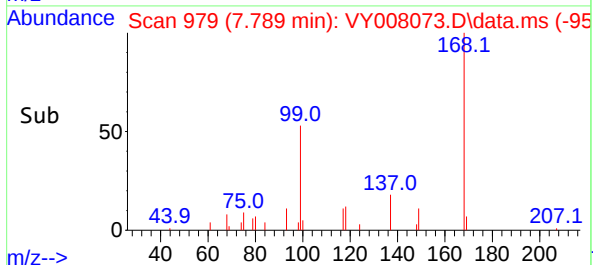
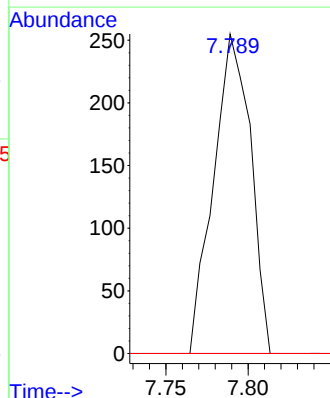
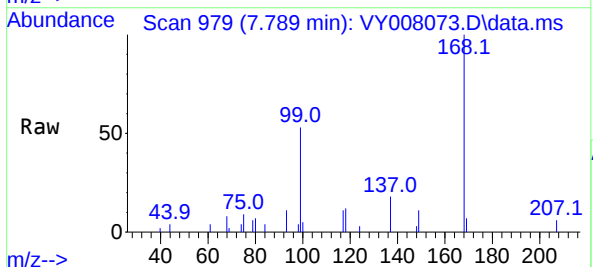
Instrument :
MSVOA_Y
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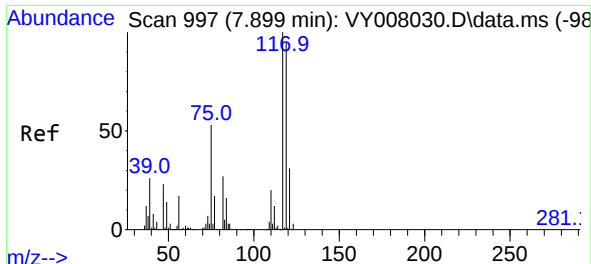
Tgt Ion:113 Resp: 3332
Ion Ratio Lower Upper
113 100
111 105.6 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.754 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion: 75 Resp: 400
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

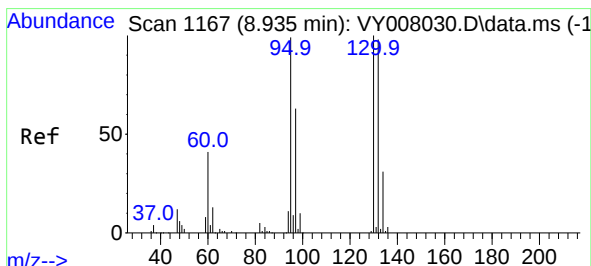
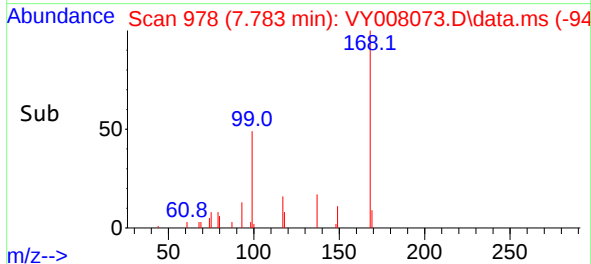
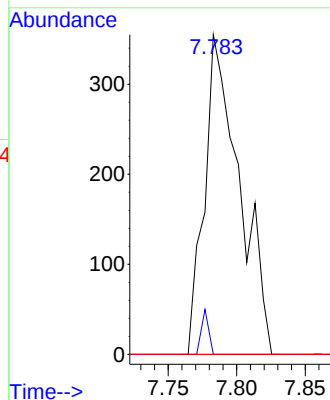
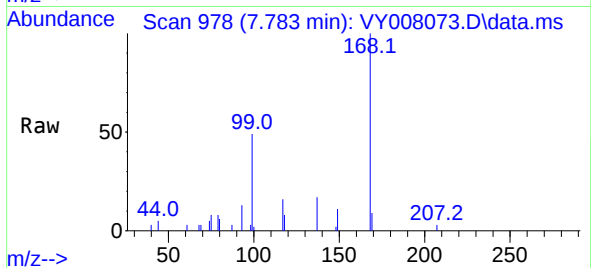




#38
Carbon Tetrachloride
Concen: 5.425 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

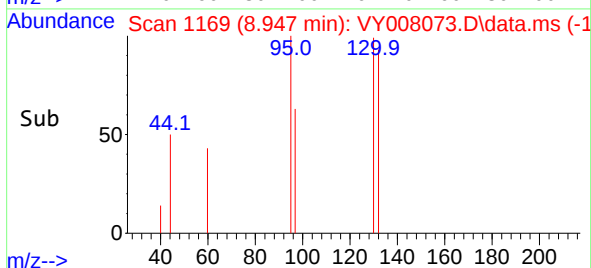
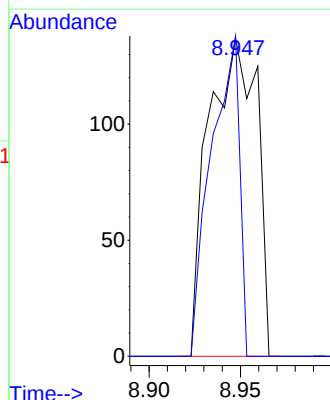
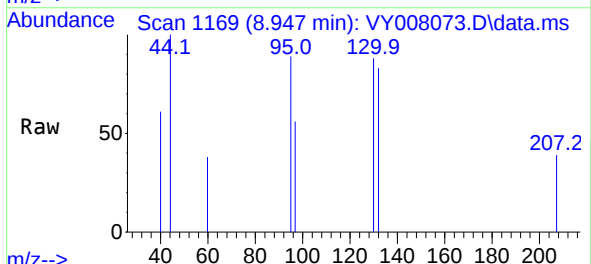
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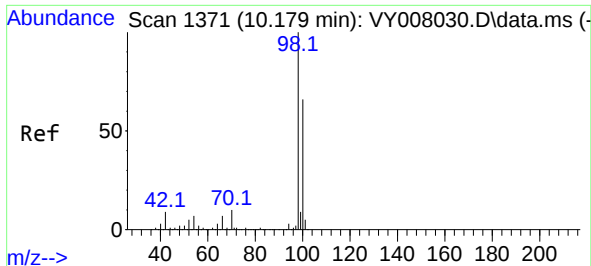
Tgt Ion:117 Resp: 630
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 2.836 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion:130 Resp: 250
Ion Ratio Lower Upper
130 100
95 100.7 0.0 188.2

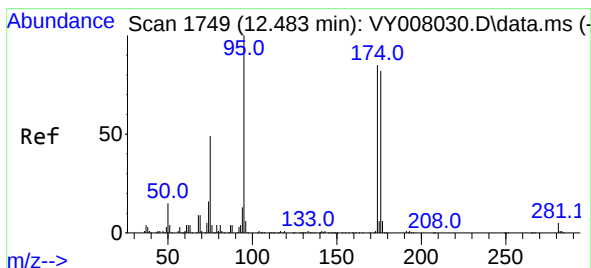
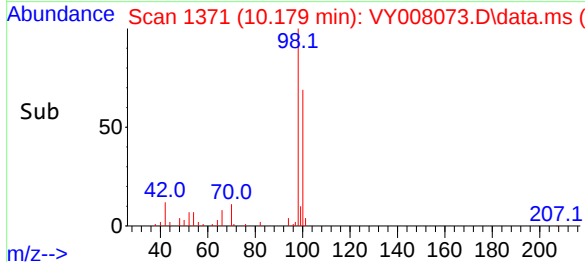
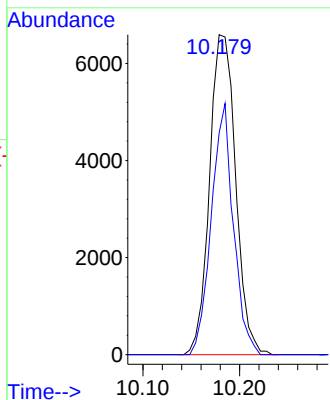
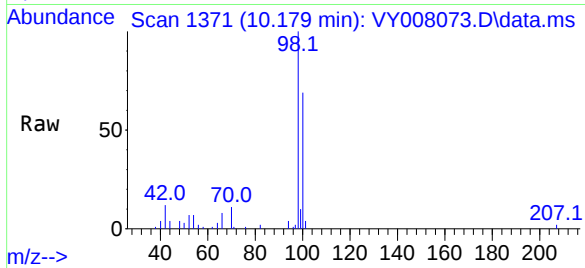




#50
Toluene-d8
Concen: 48.399 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

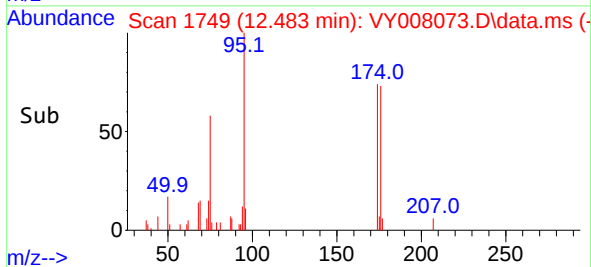
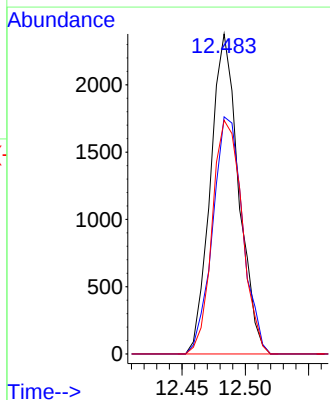
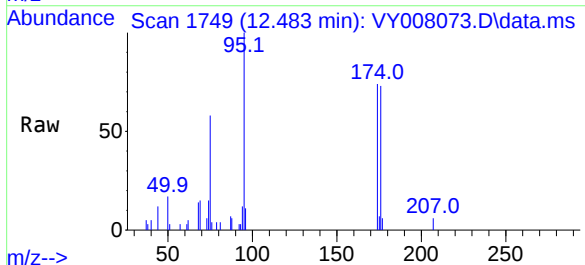
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE

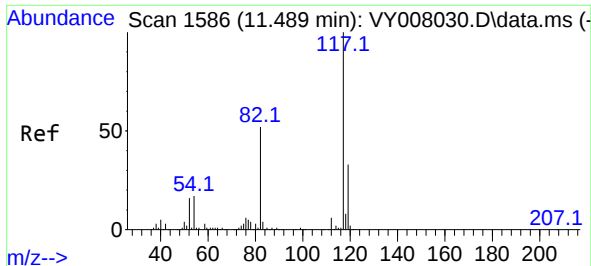
Tgt Ion: 98 Resp: 12370
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.923 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion: 95 Resp: 3690
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 77.1 0.0 175.8

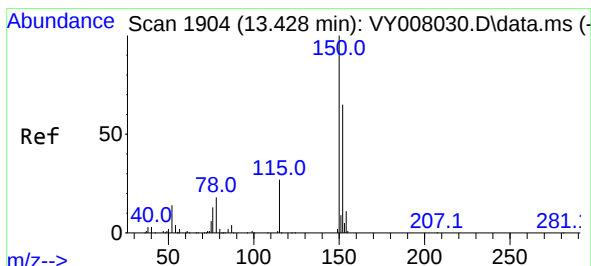
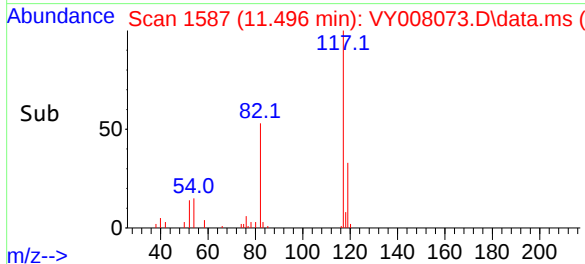
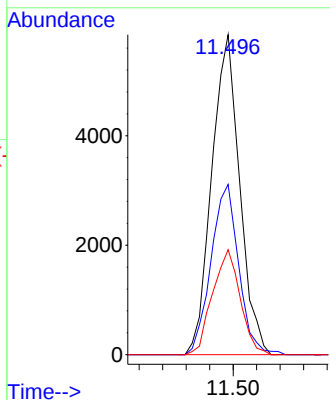
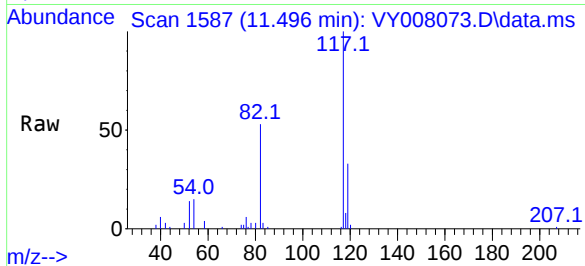




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

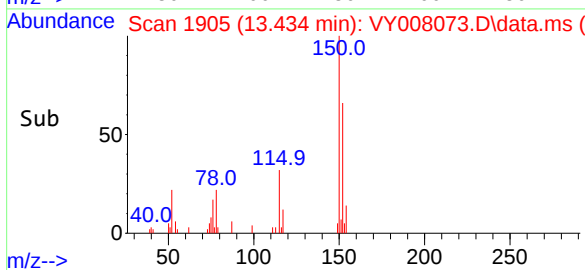
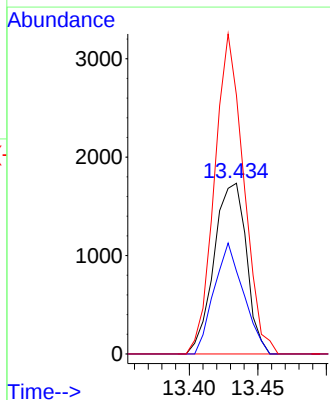
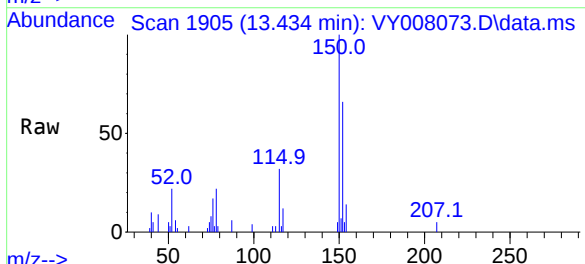
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE

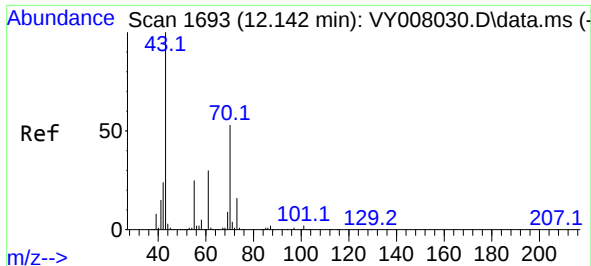
Tgt Ion:	117	Resp:	9638
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.0	64.4
119	32.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

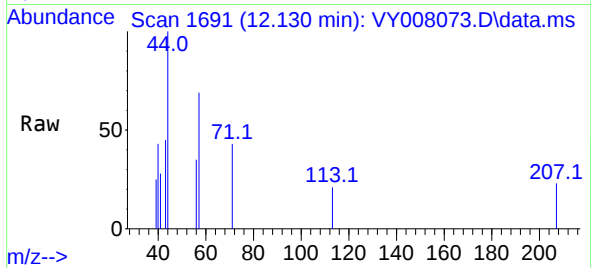
Tgt Ion:	152	Resp:	2855
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.2	84.7
150	168.6	0.0	347.6





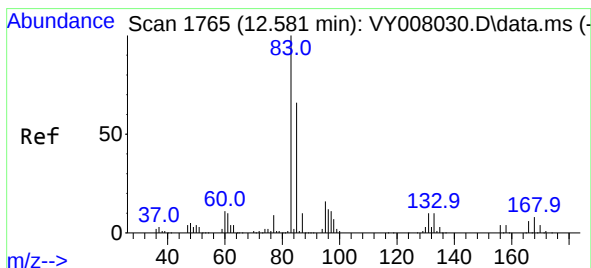
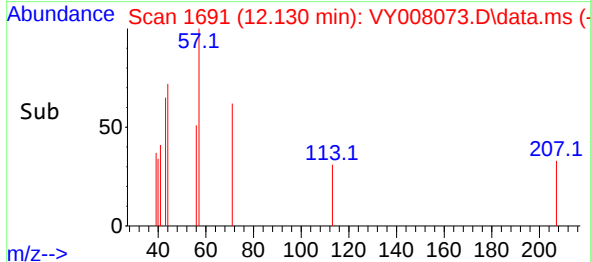
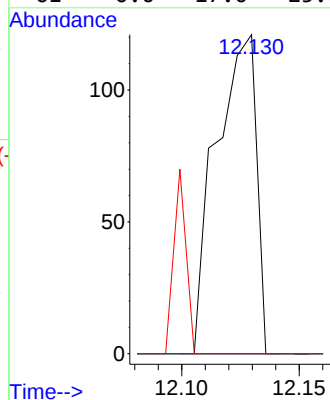
#74
N-amy1 acetate
Concen: 2.780 ug/l
RT: 12.130 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE



Tgt Ion: 43 Resp: 144

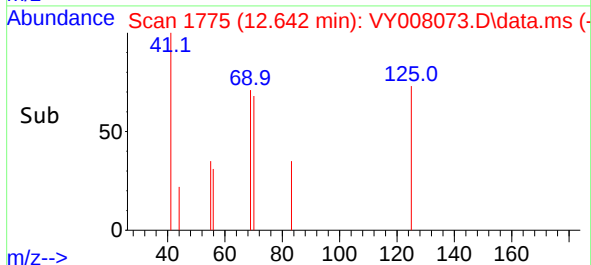
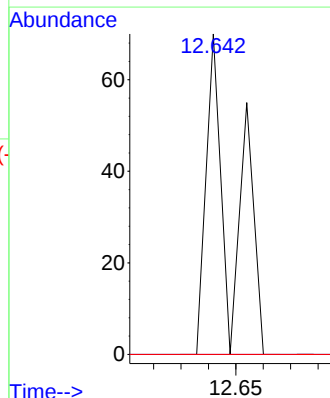
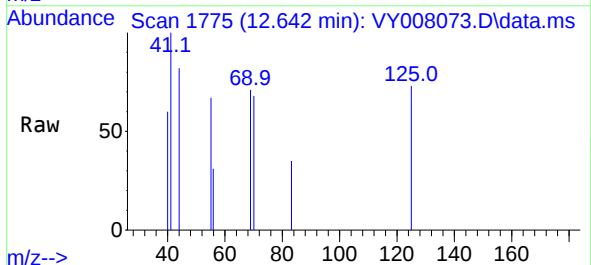
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#

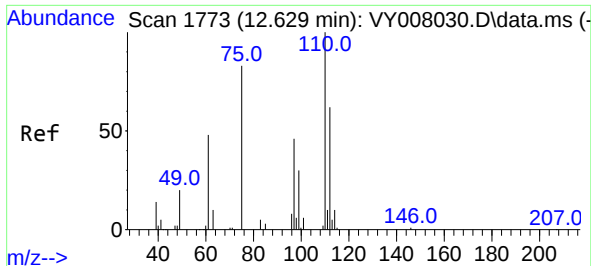


#75
1,1,2,2-Tetrachloroethane
Concen: 1.004 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.061 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion: 83 Resp: 46

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.3	96.8#

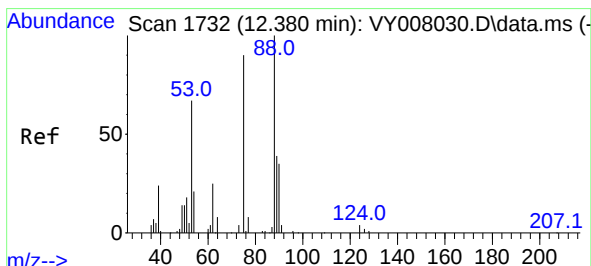
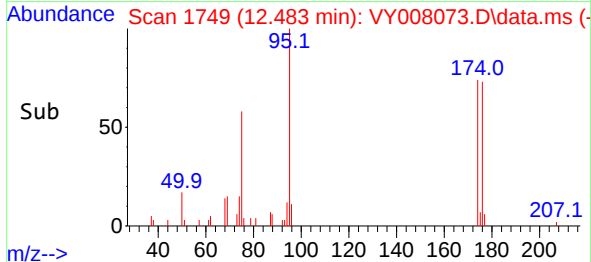
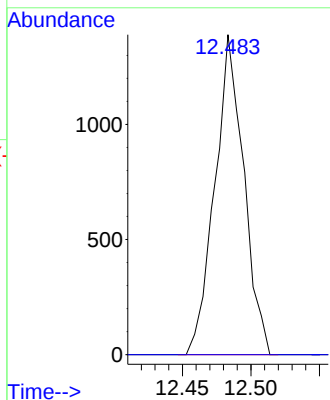
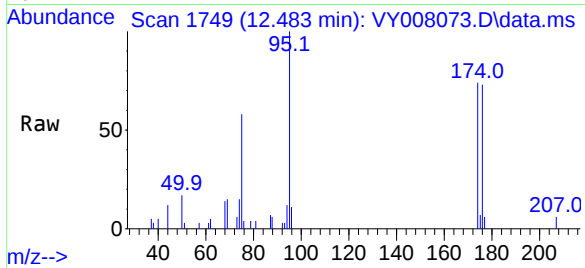




#76
1,2,3-Trichloropropane
Concen: 58.616 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

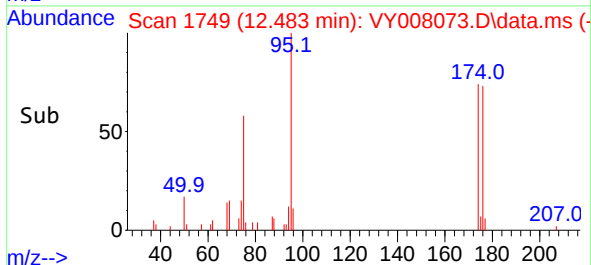
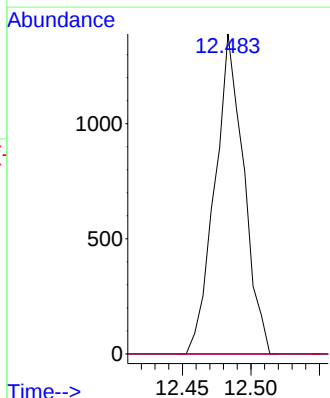
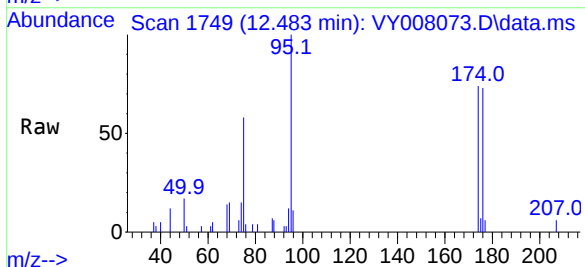
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE

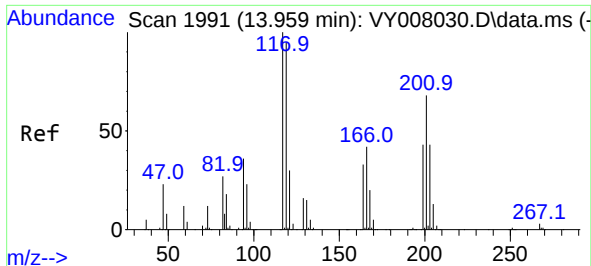
Tgt Ion: 75 Resp: 2040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 130.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

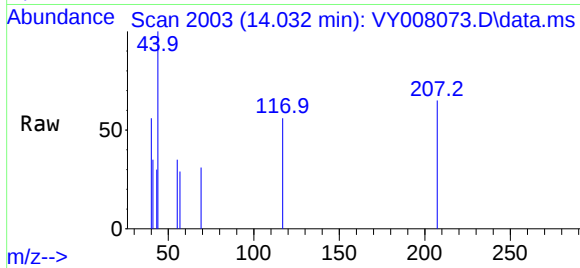
Tgt Ion: 75 Resp: 2040
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



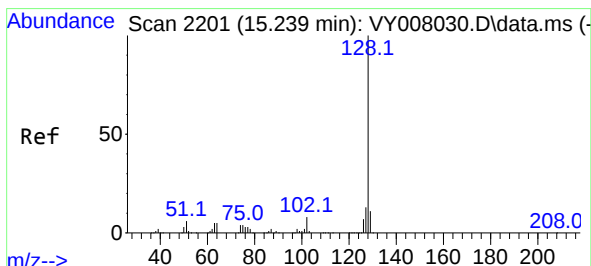
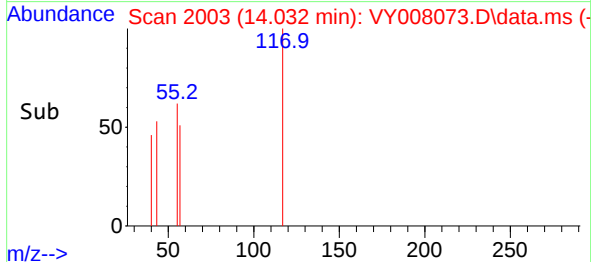
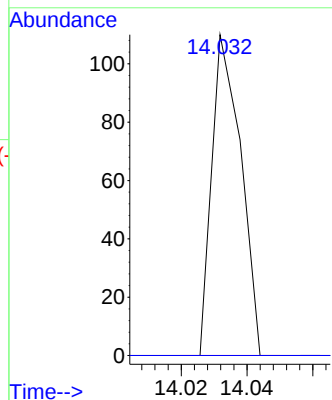


#90
Hexachloroethane
Concen: 1.637 ug/l
RT: 14.032 min Scan# 201
Delta R.T. 0.073 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-5.0-6.0RE



Tgt Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#95
Naphthalene
Concen: 1.753 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008073.D
Acq: 28 Mar 2022 18:37

Tgt Ion:128 Resp: 219
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

