

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008084.D
 Acq On : 29 Mar 2022 14:05
 Operator : SY/MD
 Sample : N2155-01
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 03:59:23 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)

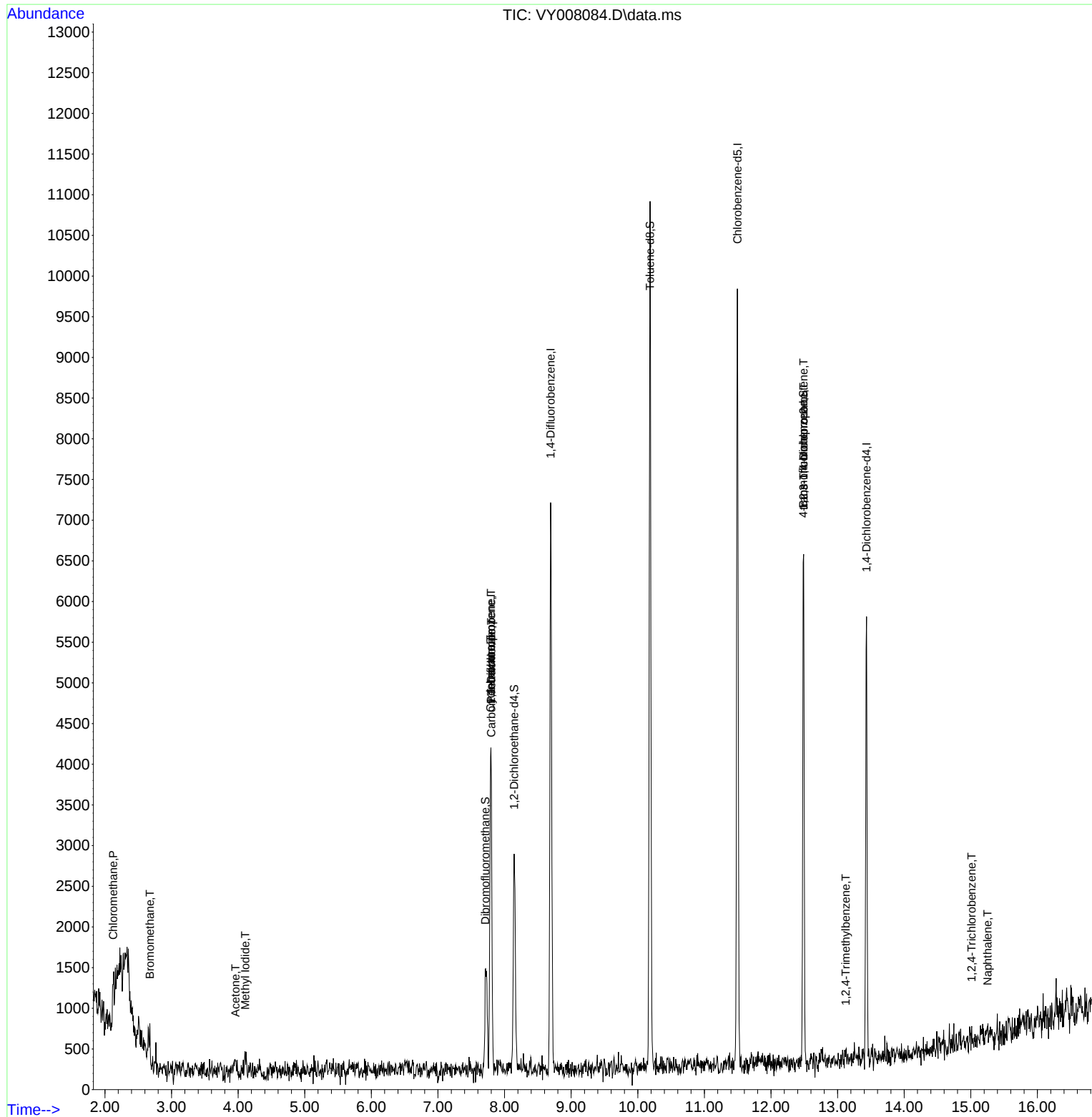
Internal Standards						
1) Pentafluorobenzene	7.795	168	3505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2336	66.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.860%
35) Dibromofluoromethane	7.710	113	1211	29.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.880%
50) Toluene-d8	10.185	98	7529	48.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.483	95	2289	41.864	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.720%
Target Compounds						Qvalue
3) Chloromethane	2.125	50	110	2.859	ug/l #	44
5) Bromomethane	2.674	94	88	2.098	ug/l #	29
10) Methyl Iodide	4.107	142	193	5.671	ug/l #	61
16) Acetone	3.961	43	236	29.361	ug/l #	47
31) Cyclohexane	7.789	56	71	1.080	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	274	4.240	ug/l #	42
38) Carbon Tetrachloride	7.801	117	287	4.076	ug/l #	11
76) 1,2,3-Trichloropropane	12.489	75	1168	60.186	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1168	134.284	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	115	1.097	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.013	180	43	1.364	ug/l #	13
95) Naphthalene	15.251	128	262	3.761	ug/l #	69

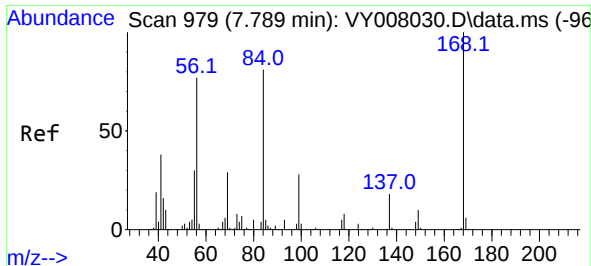
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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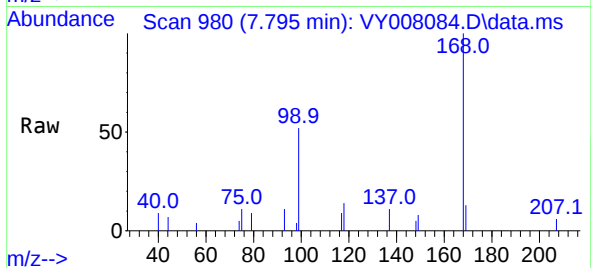
Quant Time: Mar 30 03:59:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



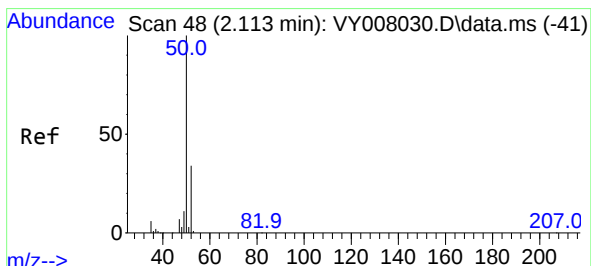
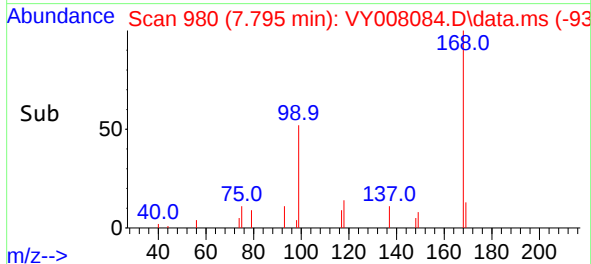
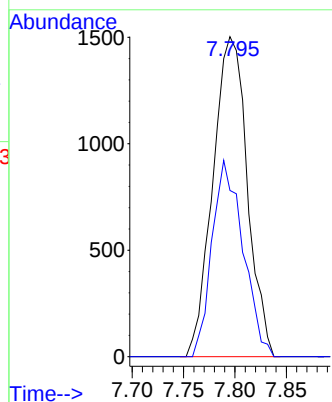


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :

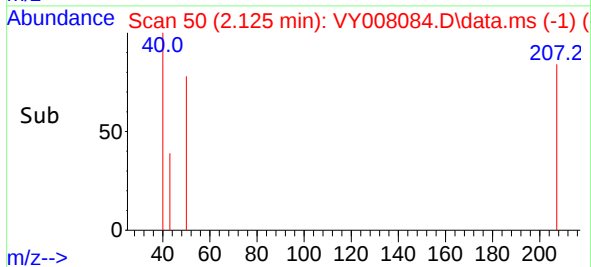
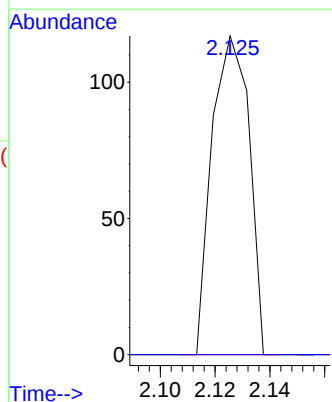
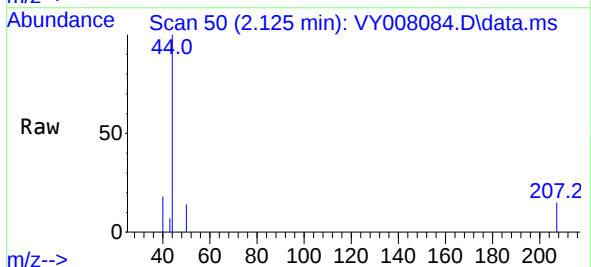


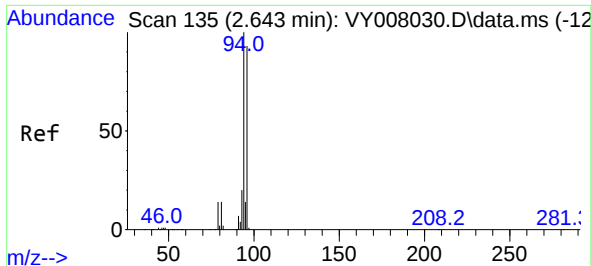
Tgt Ion:168 Resp: 3505
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#3
Chloromethane
Concen: 2.859 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion: 50 Resp: 110
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

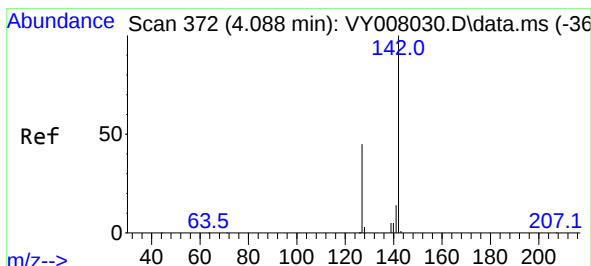
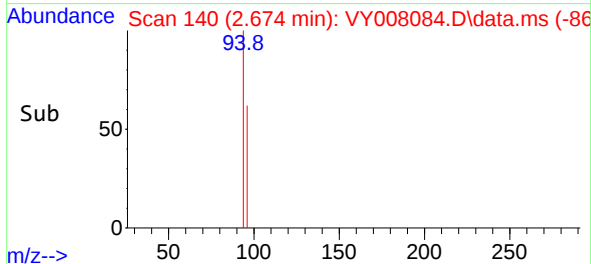
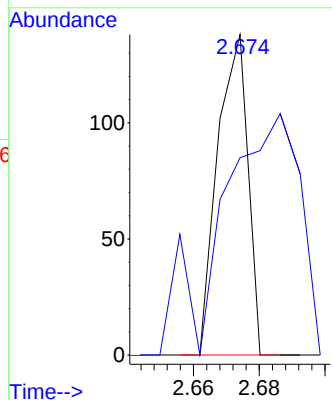
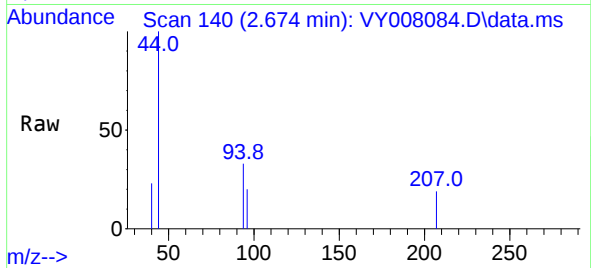




#5
Bromomethane
Concen: 2.098 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.031 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

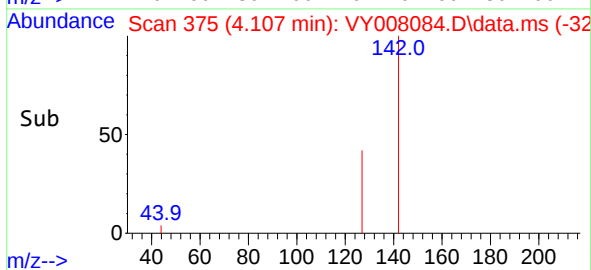
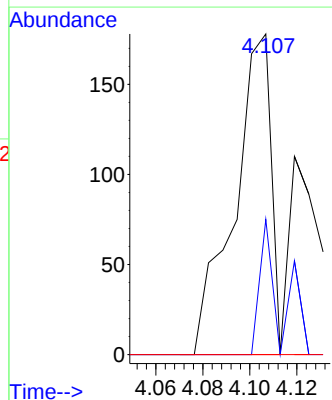
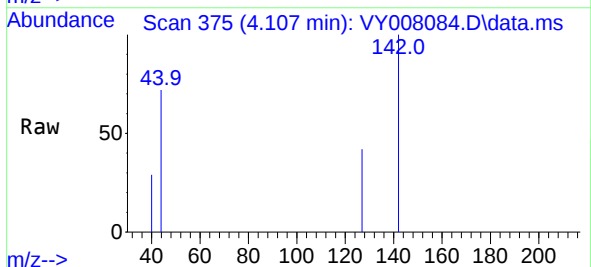
Instrument :
MSVOA_Y
ClientSampleId :

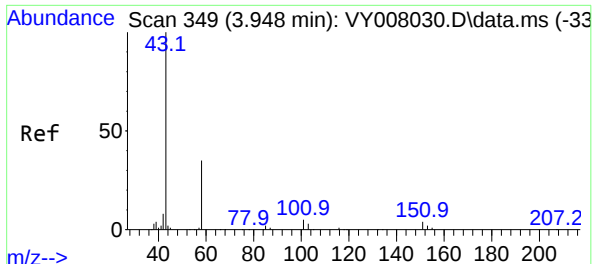
Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 23.9 73.5 110.3#



#10
Methyl Iodide
Concen: 5.671 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion: 142 Resp: 193
Ion Ratio Lower Upper
142 100
127 23.8 41.5 62.3#
141 0.0 11.9 17.9#

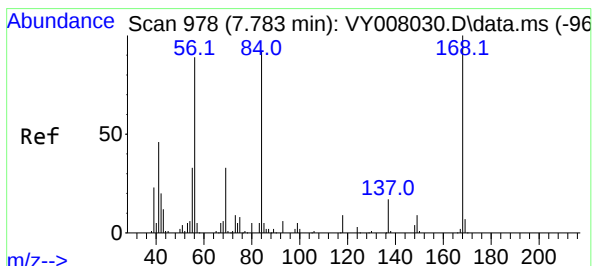
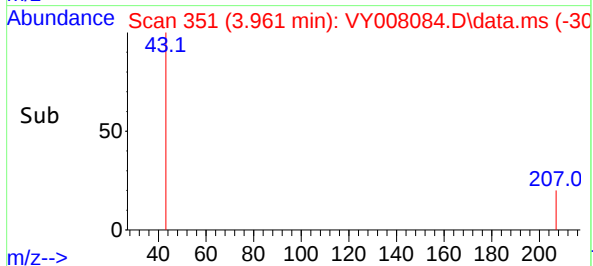
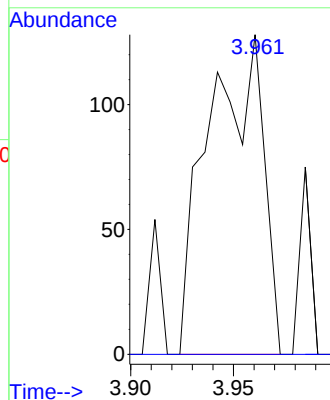
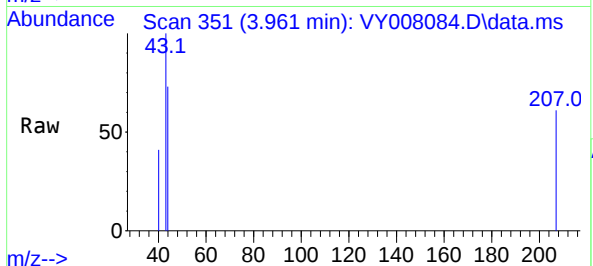




#16
Acetone
Concen: 29.361 ug/l
RT: 3.961 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

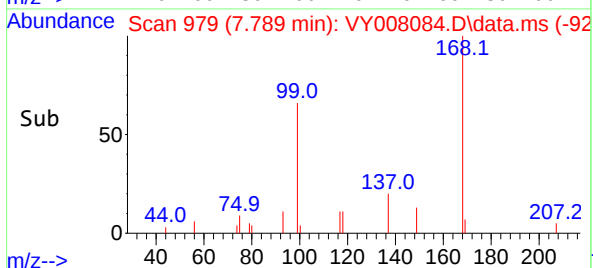
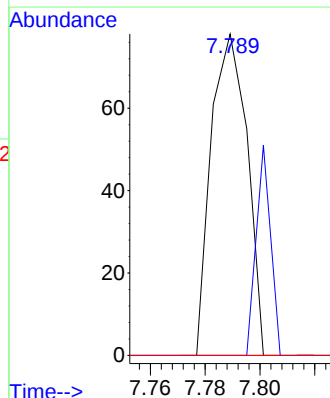
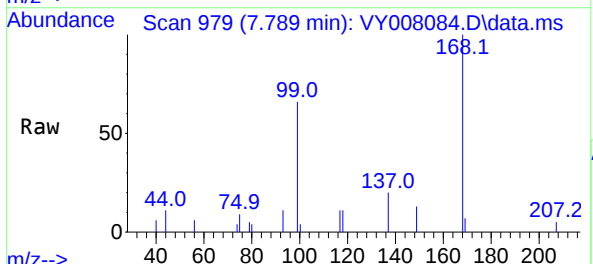
Instrument :
MSVOA_Y
ClientSampleId :

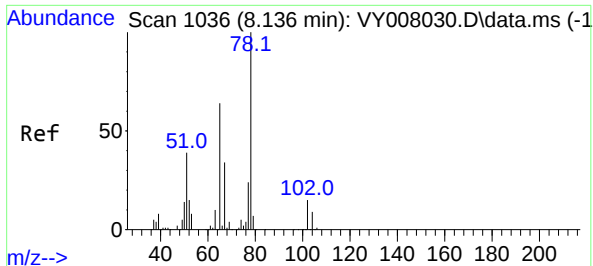
Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 0.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.428 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008084.D

Acq: 29 Mar 2022 14:05

Instrument :

MSVOA_Y

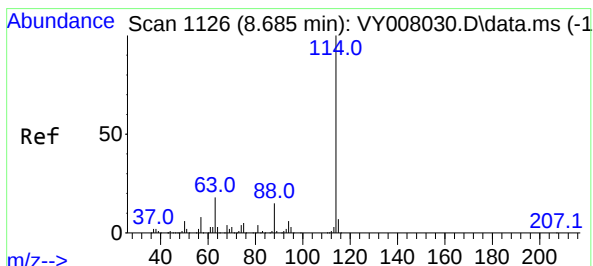
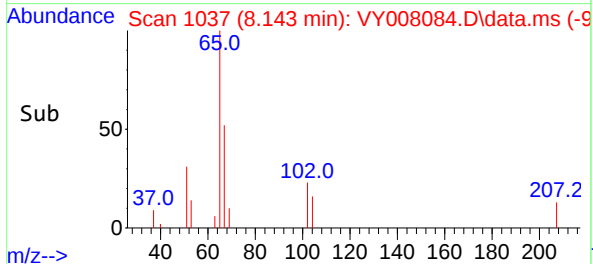
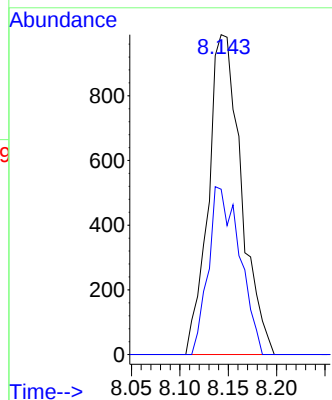
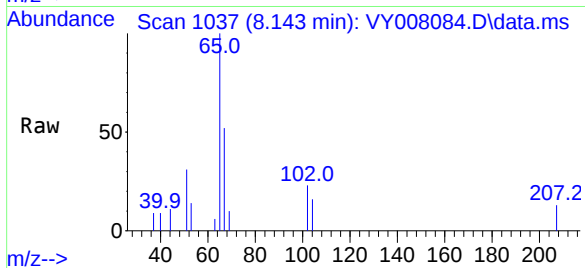
ClientSampleId :

Tgt Ion: 65 Resp: 2336

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008084.D

Acq: 29 Mar 2022 14:05

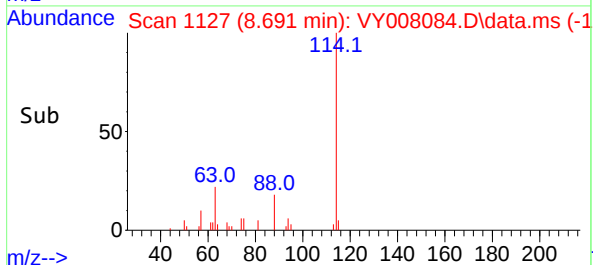
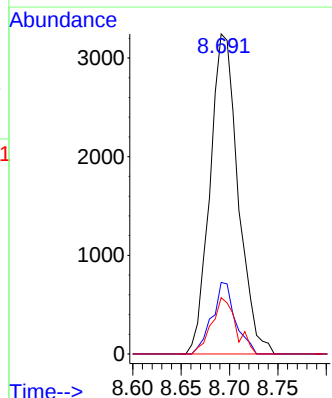
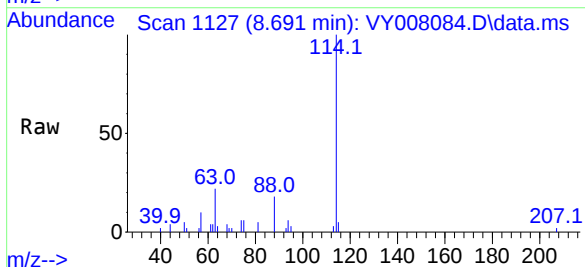
Tgt Ion: 114 Resp: 6561

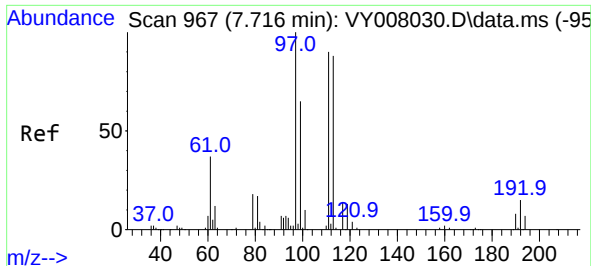
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

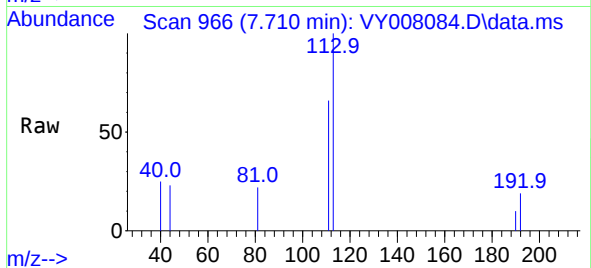
88 17.6 0.0 31.8



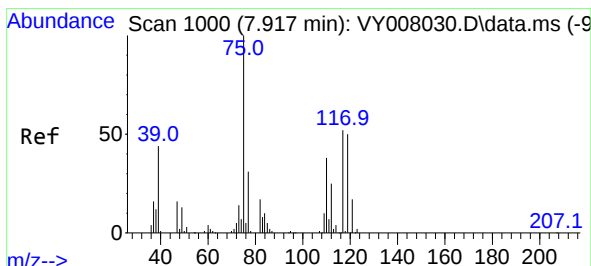
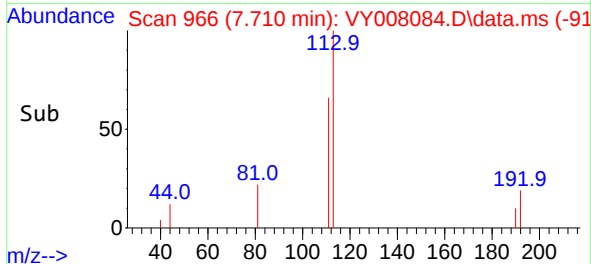
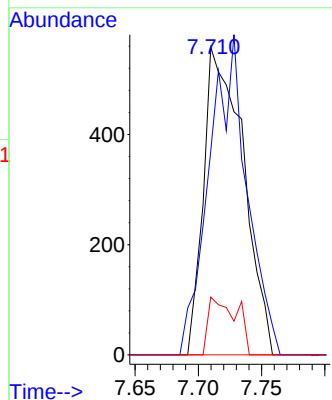


#35
Dibromofluoromethane
Concen: 29.439 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :

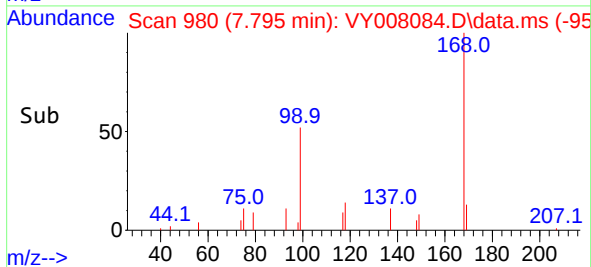
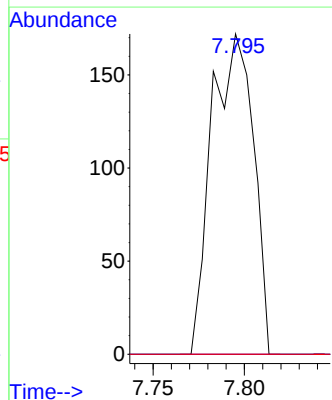
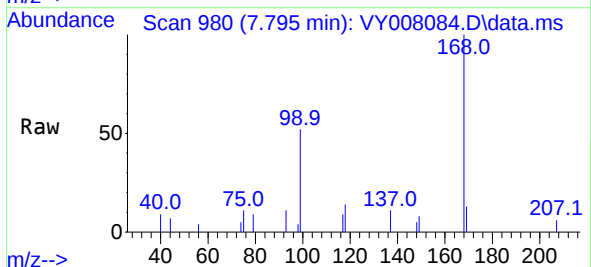


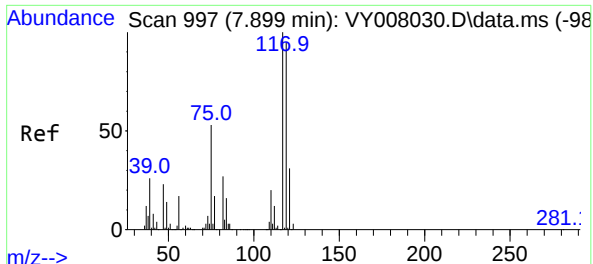
Tgt Ion:113 Resp: 1211
Ion Ratio Lower Upper
113 100
111 99.3 82.6 124.0
192 13.3 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

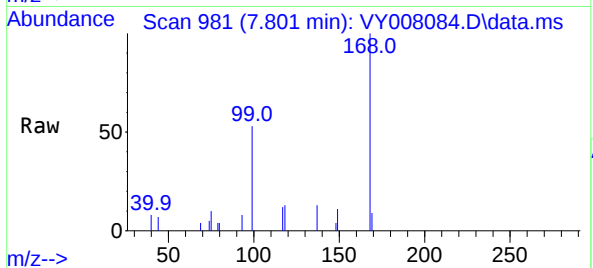
Tgt Ion: 75 Resp: 274
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



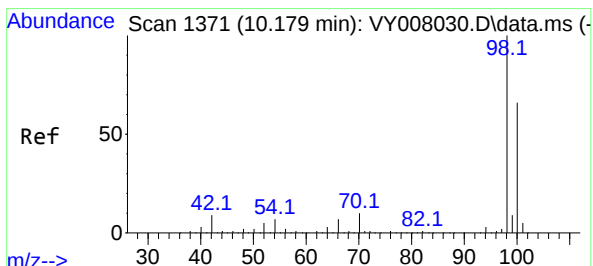
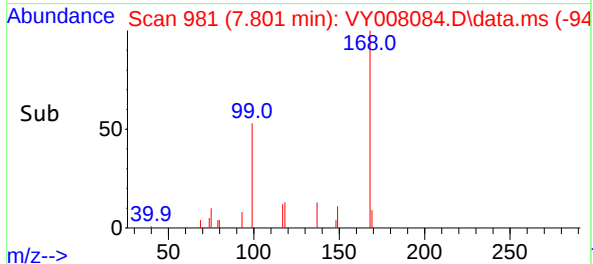
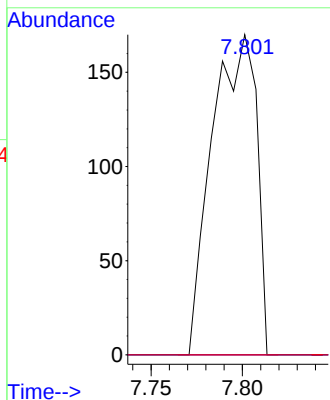


#38
Carbon Tetrachloride
Concen: 4.076 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :

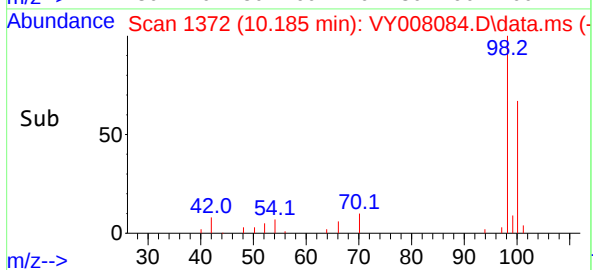
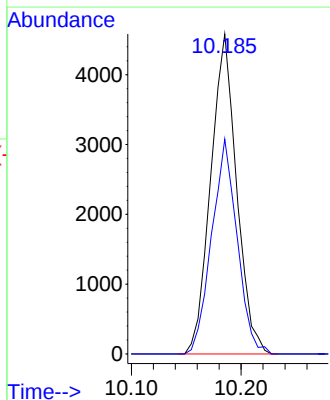
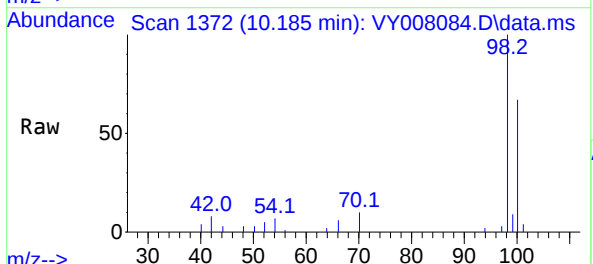


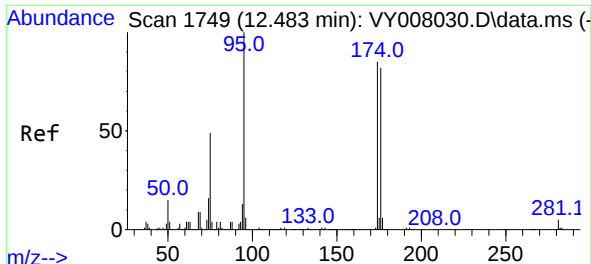
Tgt Ion:117 Resp: 287
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.581 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

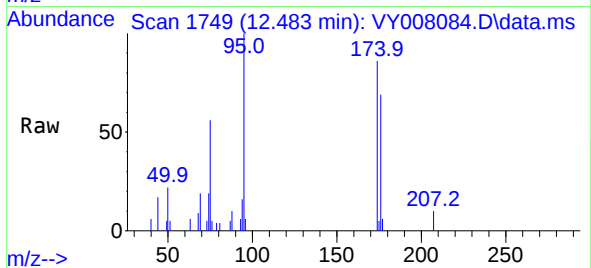
Tgt Ion: 98 Resp: 7529
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



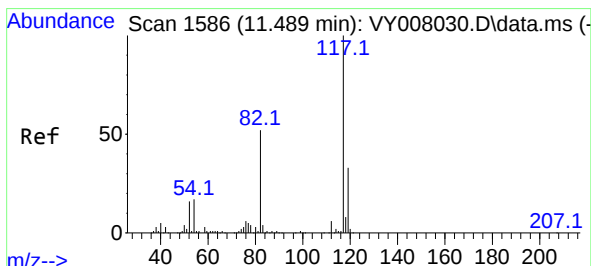
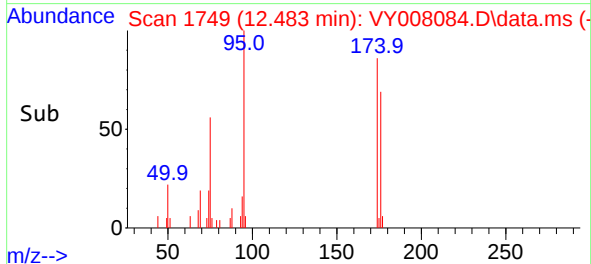
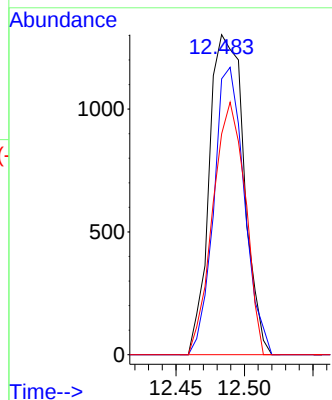


#62
4-Bromofluorobenzene
Concen: 41.864 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :

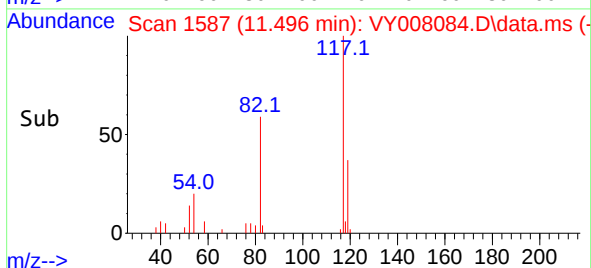
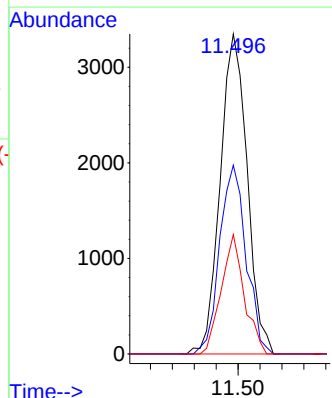
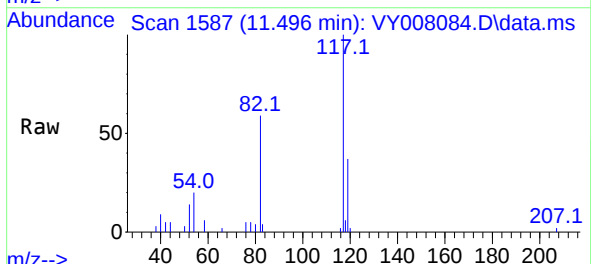


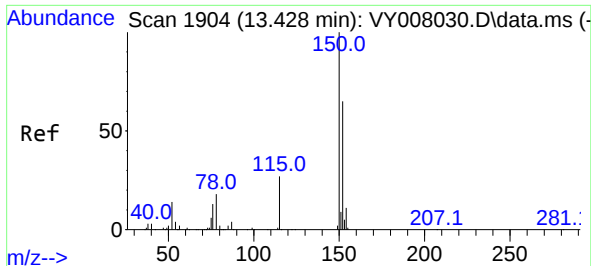
Tgt Ion: 95 Resp: 2289
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 73.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

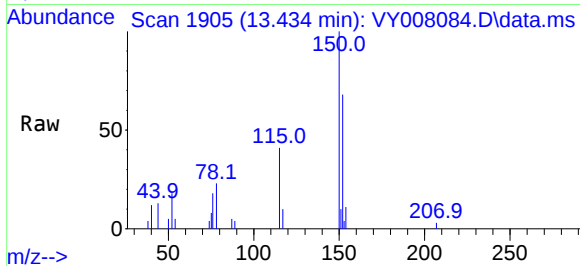
Tgt Ion: 117 Resp: 5709
Ion Ratio Lower Upper
117 100
82 59.0 43.0 64.4
119 37.3 25.4 38.0



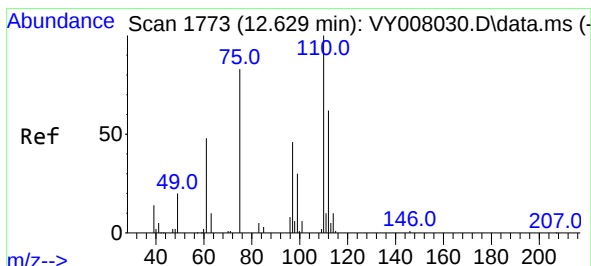
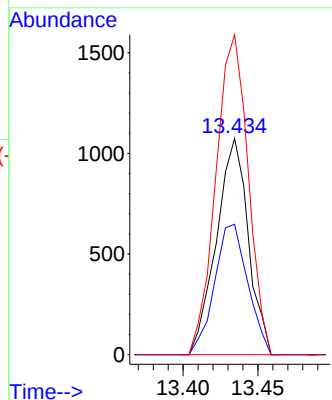
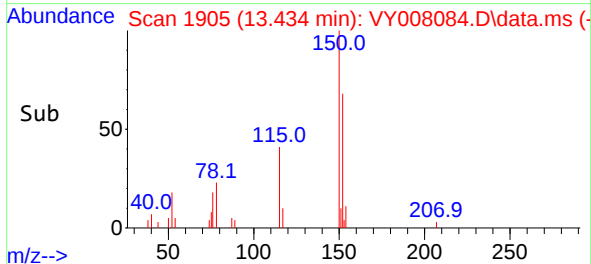


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1592
 Delta R.T. 0.006 min
 Lab File: VY008084.D
 Acq: 29 Mar 2022 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

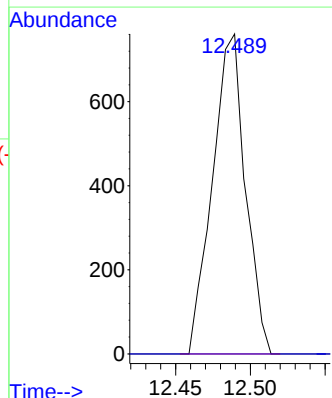
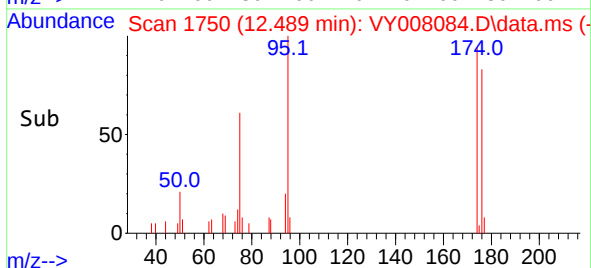
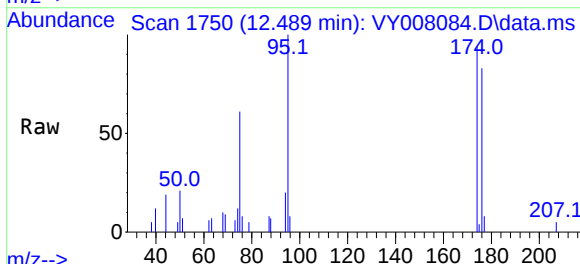


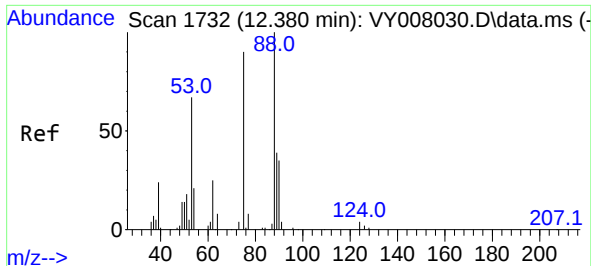
Tgt Ion:152 Resp: 1592
 Ion Ratio Lower Upper
 152 100
 115 62.9 28.2 84.7
 150 149.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 60.186 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.140 min
 Lab File: VY008084.D
 Acq: 29 Mar 2022 14:05

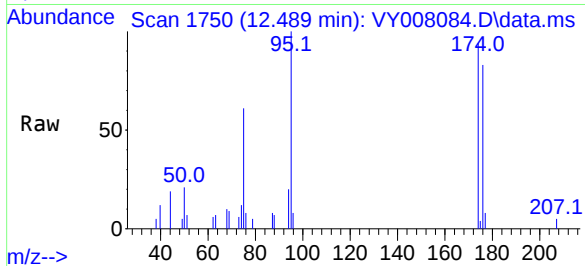
Tgt Ion: 75 Resp: 1168
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



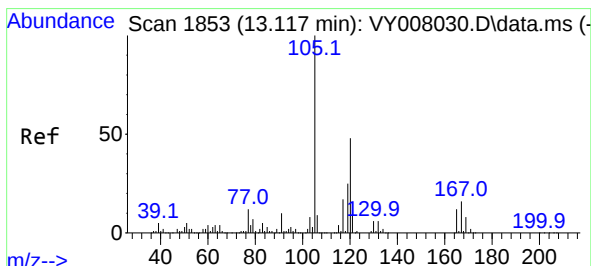
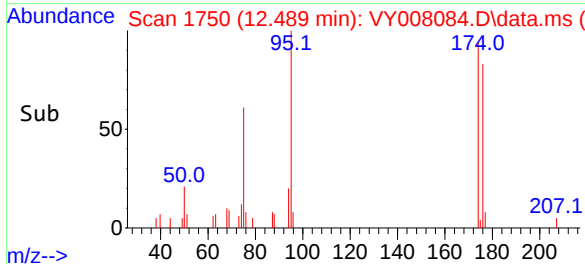
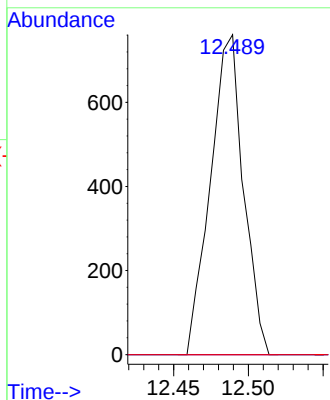


#81
trans-1,4-Dichloro-2-butene
Concen: 134.284 ug/l
RT: 12.489 min Scan# 1168
Delta R.T. 0.109 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :

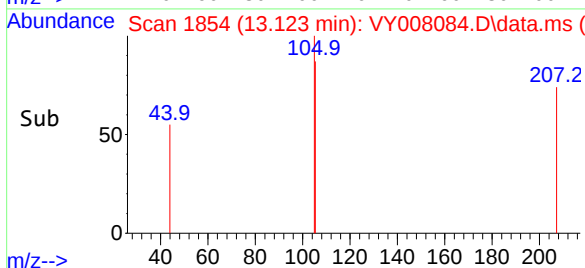
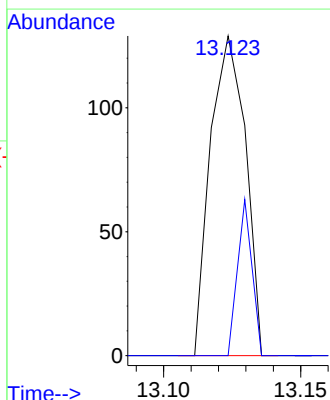
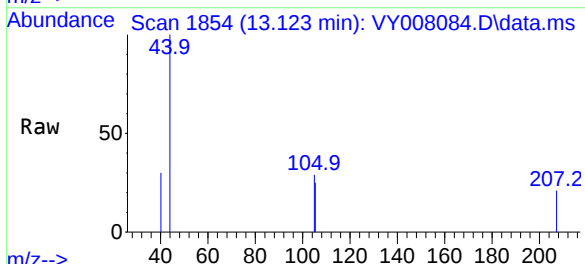


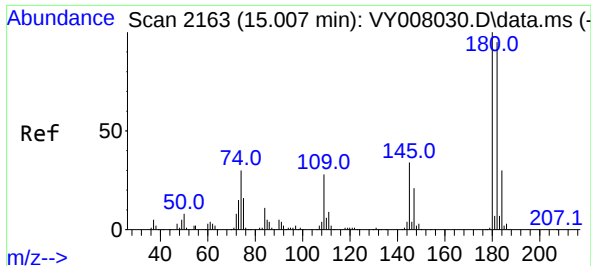
Tgt Ion: 75 Resp: 1168
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.097 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

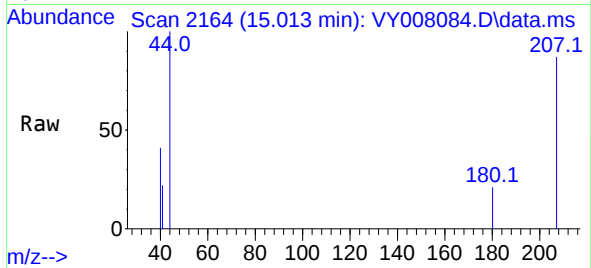
Tgt Ion: 105 Resp: 115
Ion Ratio Lower Upper
105 100
120 20.0 22.3 66.9#



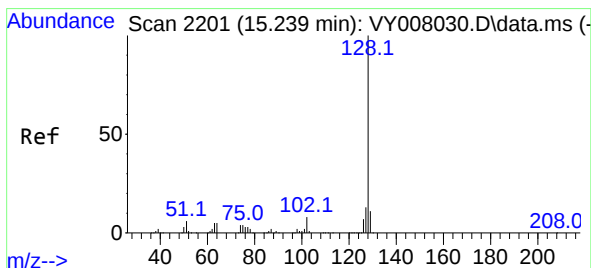
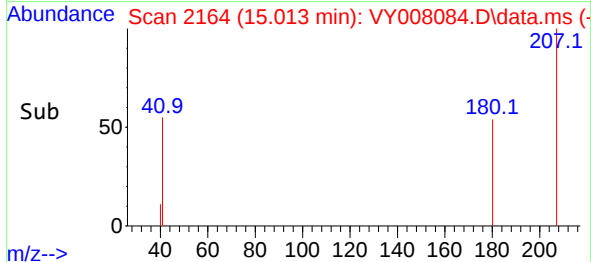
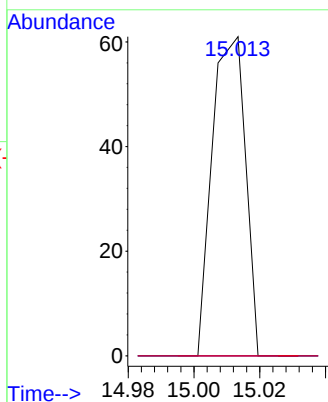


#93
1,2,4-Trichlorobenzene
Concen: 1.364 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:180 Resp: 43
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 0.0 14.6 43.8#



#95
Naphthalene
Concen: 3.761 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY008084.D
Acq: 29 Mar 2022 14:05

Tgt Ion:128 Resp: 262
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

