

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008092.D
 Acq On : 29 Mar 2022 17:13
 Operator : SY/MD
 Sample : N2155-07
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:01:05 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

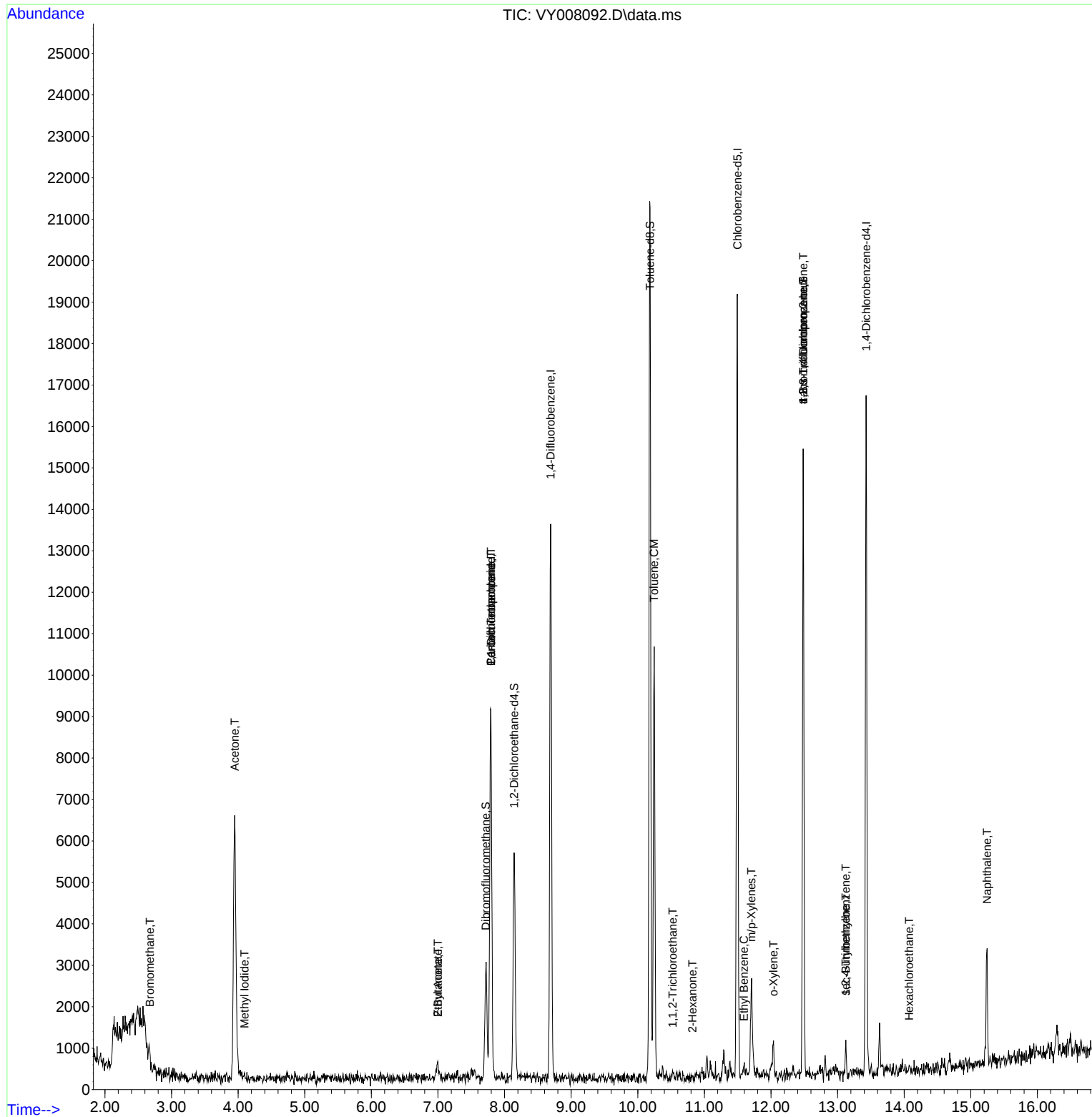
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	7224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4155	57.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.660%
35) Dibromofluoromethane	7.716	113	2197	27.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.960%
50) Toluene-d8	10.185	98	15354	51.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.483	95	4719	45.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	161	1.862	ug/l	85
10) Methyl Iodide	4.095	142	80	2.497	ug/l #	35
16) Acetone	3.948	43	11049	666.949	ug/l #	76
25) 2-Butanone	6.997	43	604	23.958	ug/l	96
36) 1,1-Dichloropropene	7.795	75	586	4.752	ug/l #	42
37) Ethyl Acetate	6.997	43	604	10.484	ug/l #	72
38) Carbon Tetrachloride	7.795	117	760	5.655	ug/l #	11
52) Toluene	10.246	92	4643	20.069	ug/l	94
55) 1,1,2-Trichloroethane	10.526	97	115	1.524	ug/l #	15
59) 2-Hexanone	10.819	43	69	1.729	ug/l #	28
67) Ethyl Benzene	11.593	91	450	1.015	ug/l	89
68) m/p-Xylenes	11.703	106	613	3.476	ug/l	94
69) o-Xylene	12.038	106	255	1.510	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	2345	44.873	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2345	100.118	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.124	105	540	1.913	ug/l	96
85) sec-Butylbenzene	13.124	105	540	1.417	ug/l #	56
90) Hexachloroethane	14.075	117	95	1.545	ug/l #	6
95) Naphthalene	15.245	128	2738	14.595	ug/l #	93

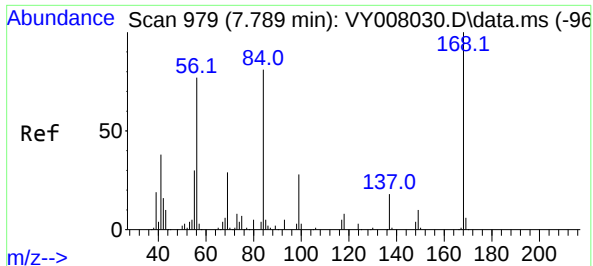
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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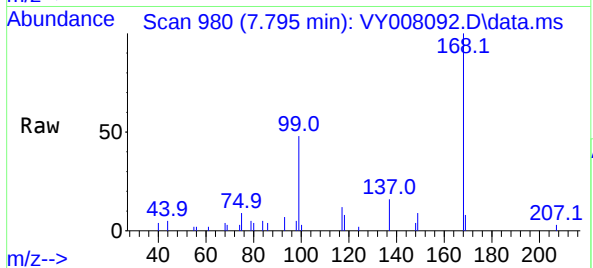
Quant Time: Mar 30 04:01:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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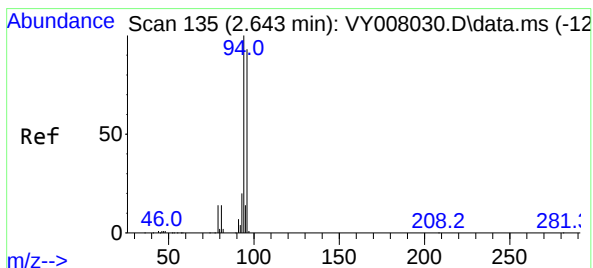
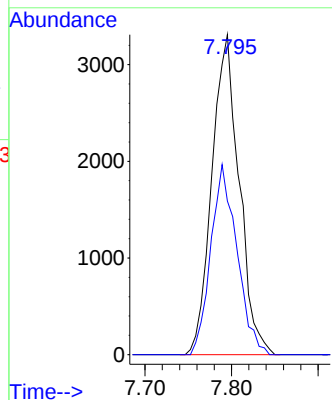
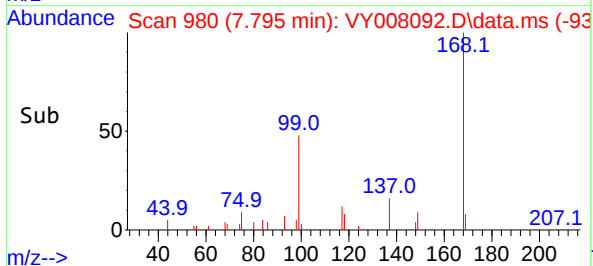


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :

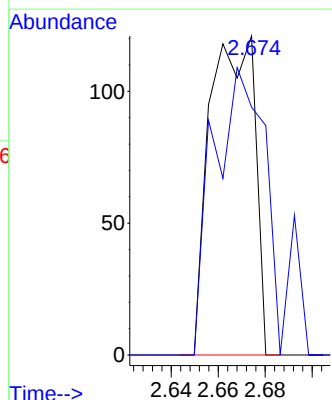
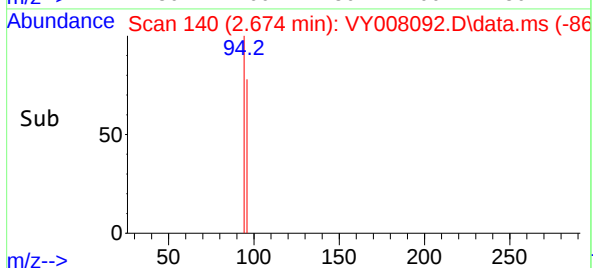
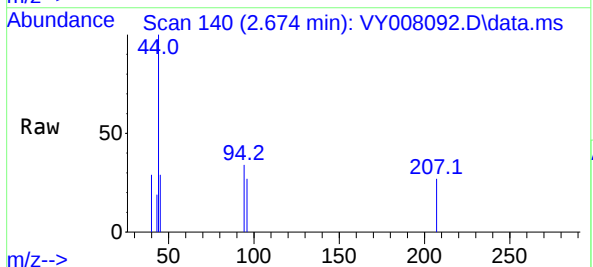


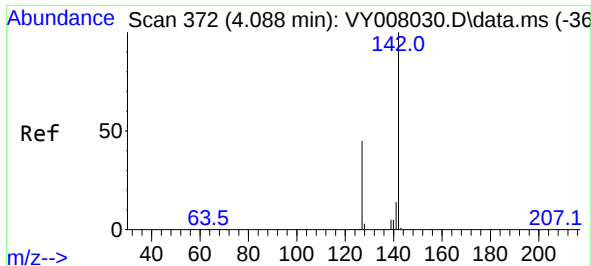
Tgt Ion:168 Resp: 7224
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#5
Bromomethane
Concen: 1.862 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.031 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

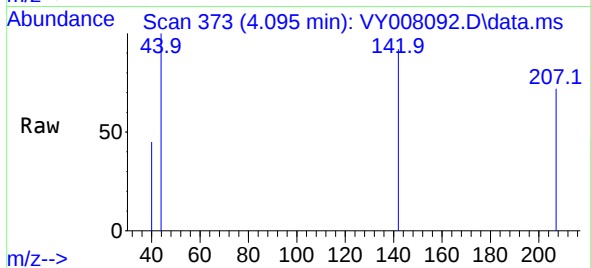
Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 77.7 73.5 110.3



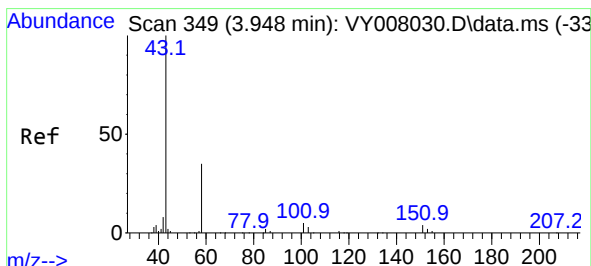
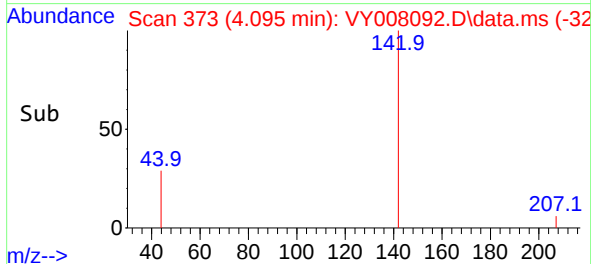
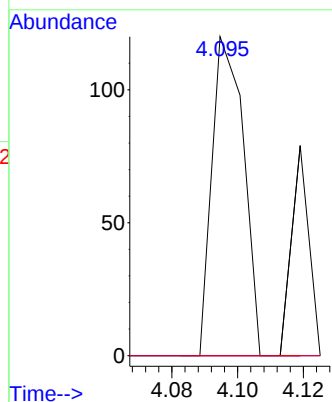


#10
Methyl Iodide
Concen: 2.497 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :

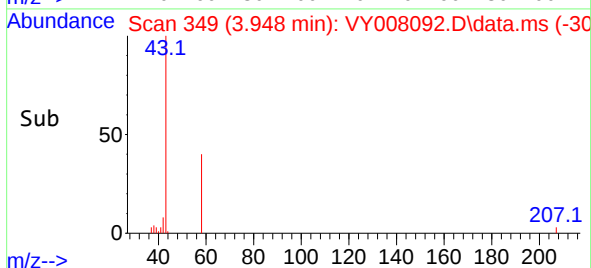
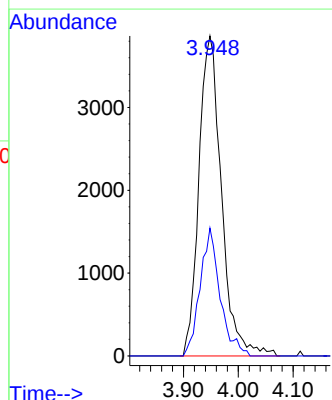
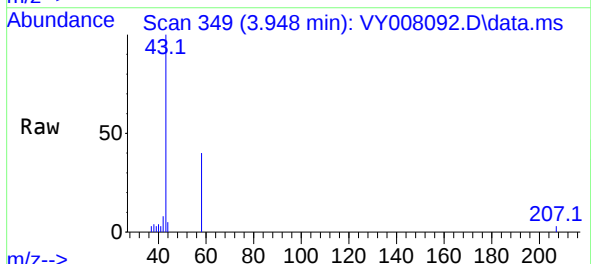


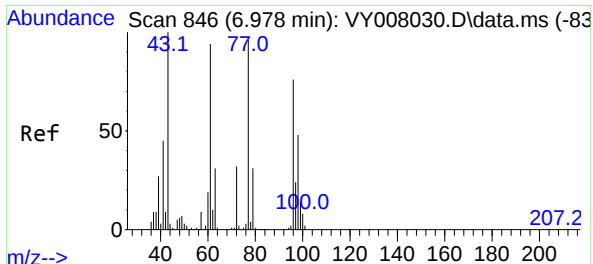
Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 666.949 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 43 Resp: 11049
Ion Ratio Lower Upper
43 100
58 40.0 22.0 33.0#





#25

2-Butanone

Concen: 23.958 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.019 min

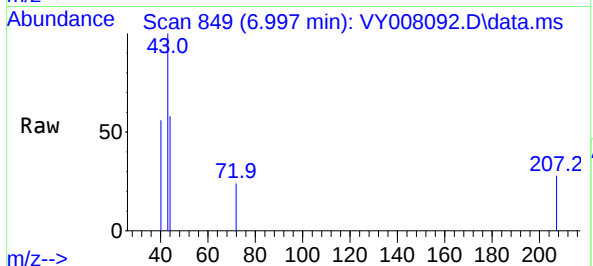
Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

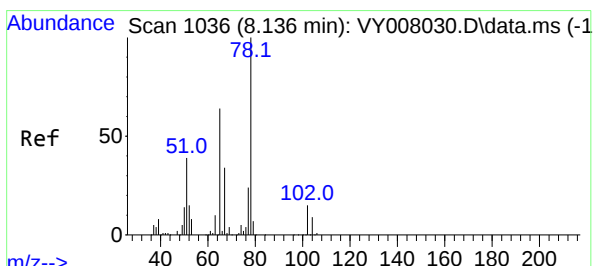
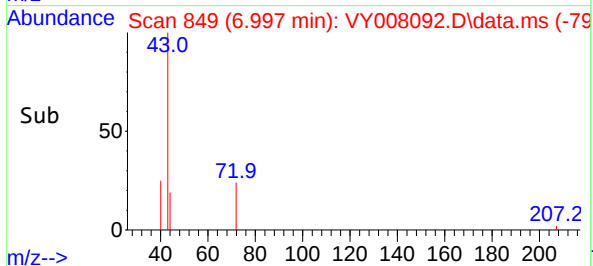
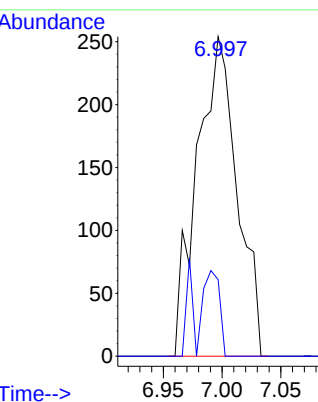


Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

72 24.0 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 57.327 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY008092.D

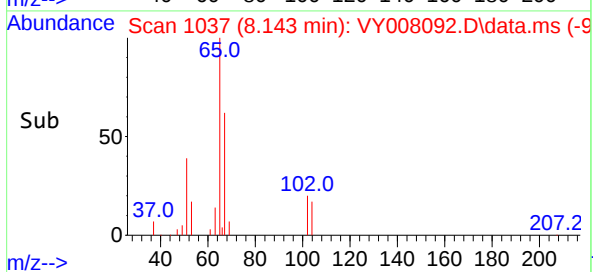
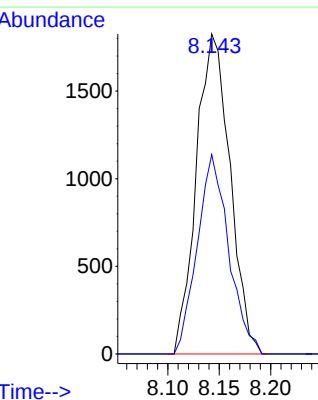
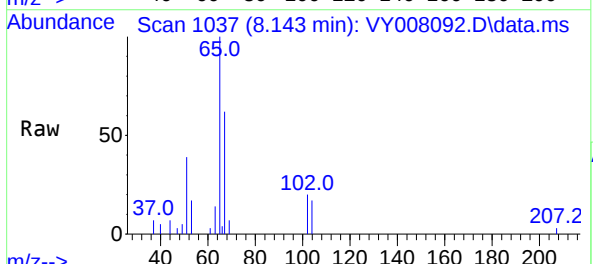
Acq: 29 Mar 2022 17:13

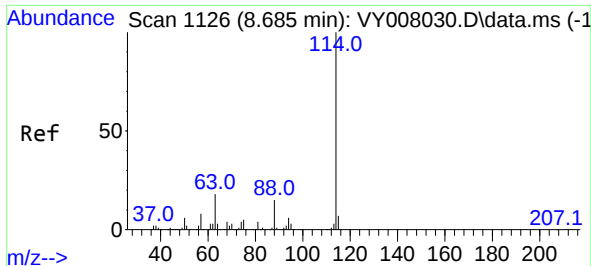
Tgt Ion: 65 Resp: 4155

Ion Ratio Lower Upper

65 100

67 58.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008092.D

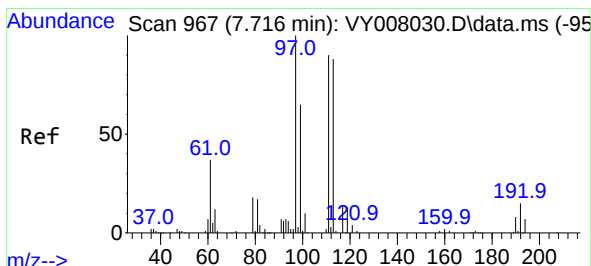
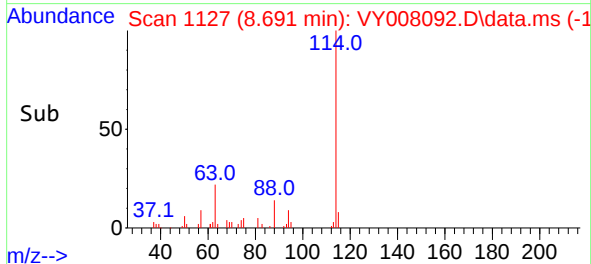
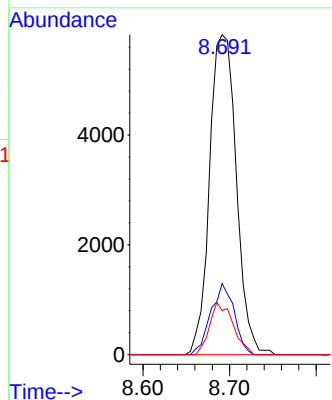
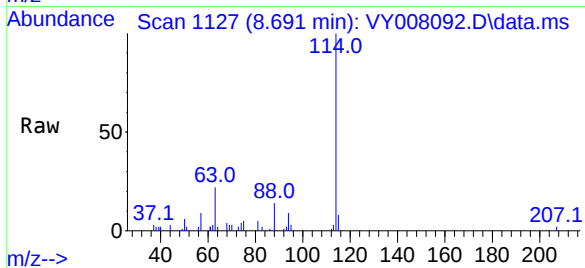
Acq: 29 Mar 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	12522
Ion	Ratio	Lower Upper
114	100	
63	22.3	0.0 43.2
88	13.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 27.984 ug/l

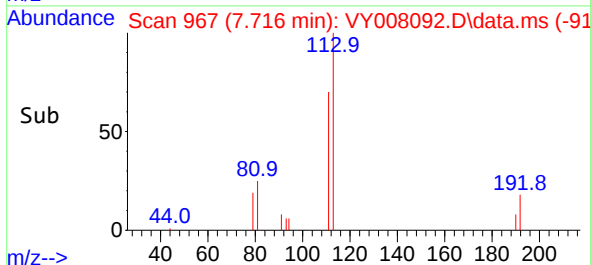
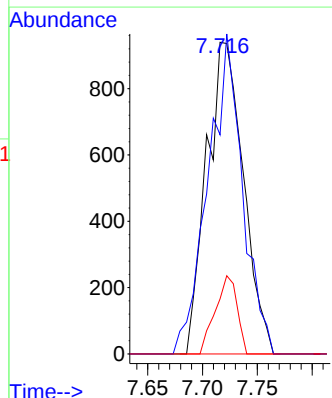
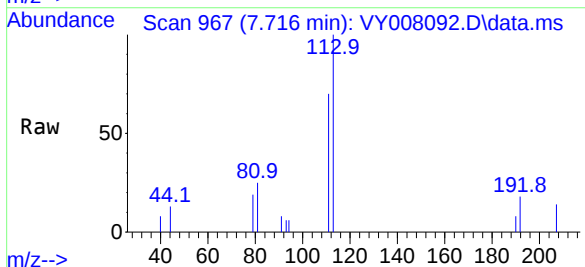
RT: 7.716 min Scan# 967

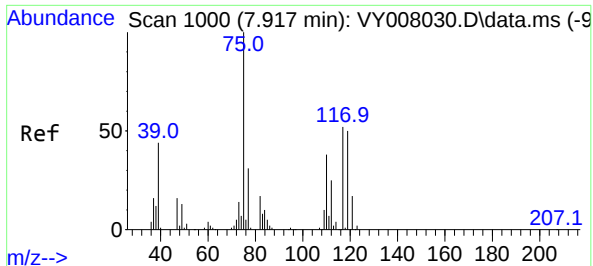
Delta R.T. -0.000 min

Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

Tgt Ion:113	Resp:	2197
Ion	Ratio	Lower Upper
113	100	
111	95.7	82.6 124.0
192	14.8	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.752 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

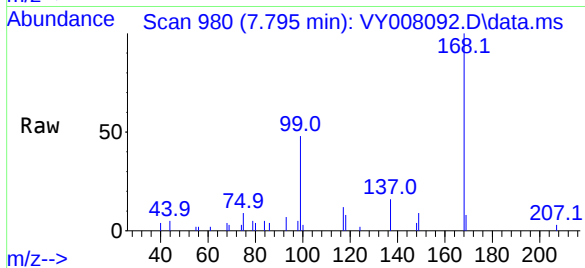
Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :



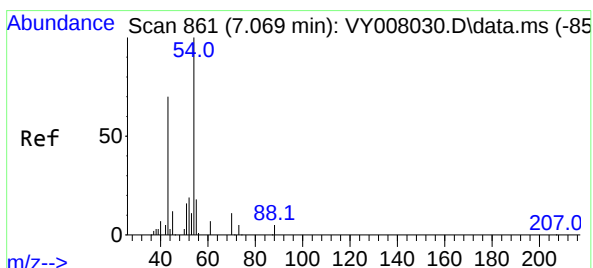
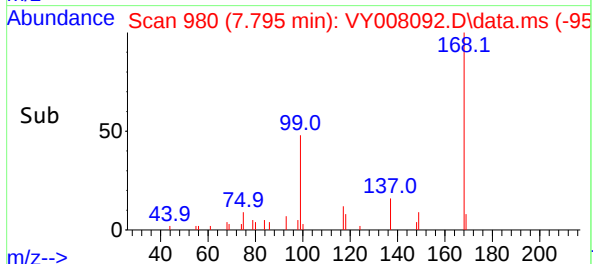
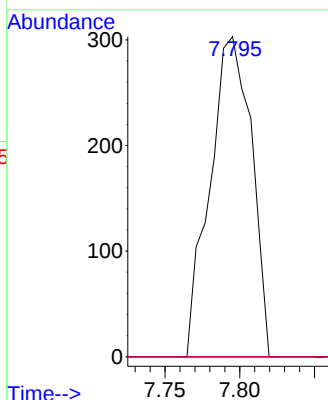
Tgt Ion: 75 Resp: 586

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 10.484 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.072 min

Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

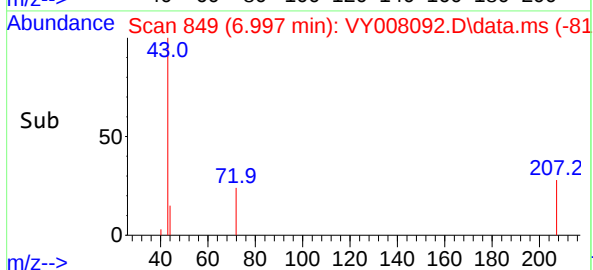
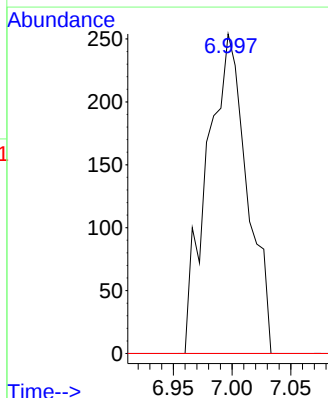
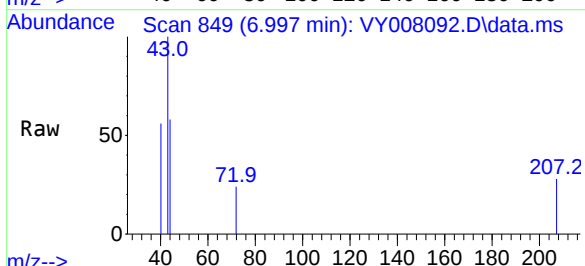
Tgt Ion: 43 Resp: 604

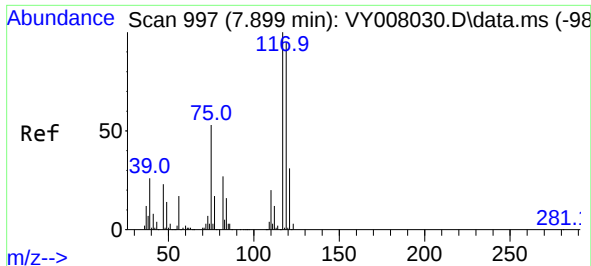
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

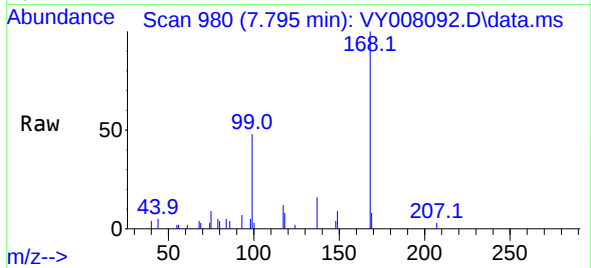
70 0.0 7.1 10.7#



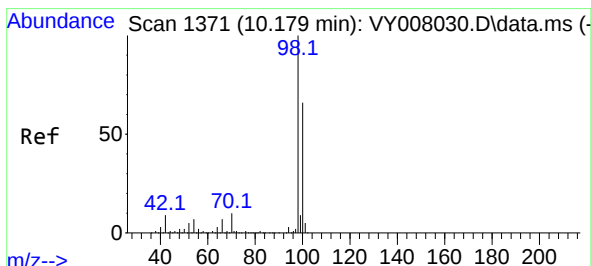
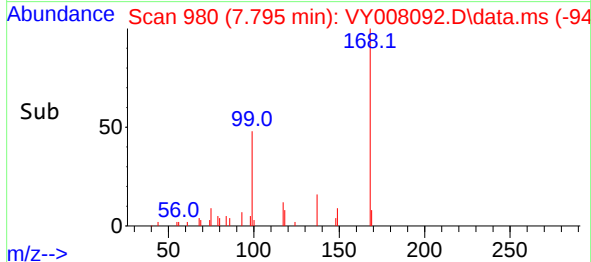
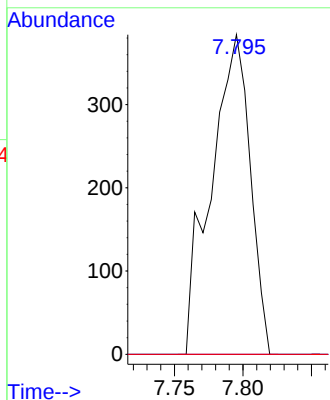


#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :

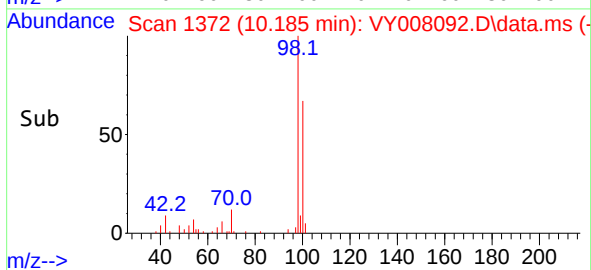
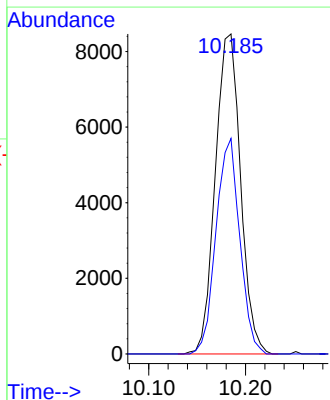
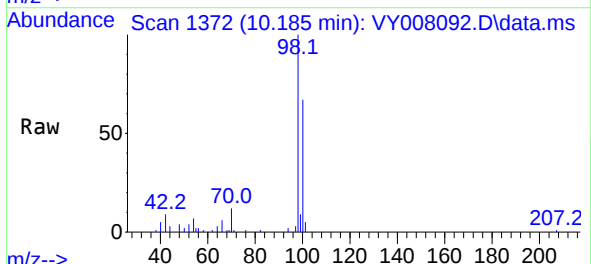


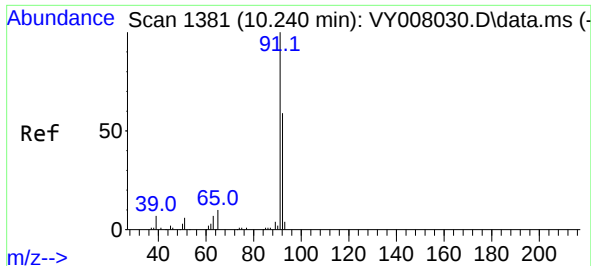
Tgt Ion:117 Resp: 760
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.909 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 98 Resp: 15354
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

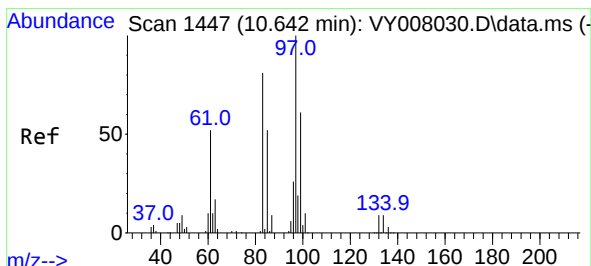
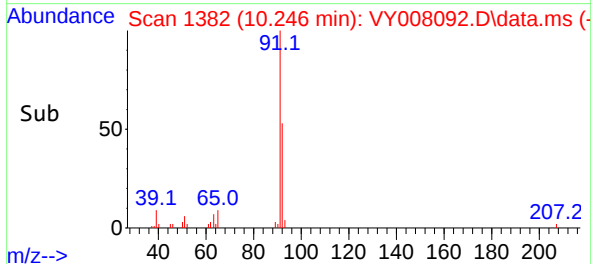
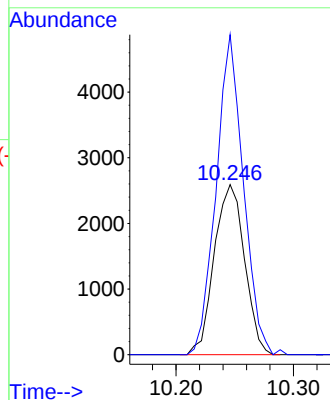
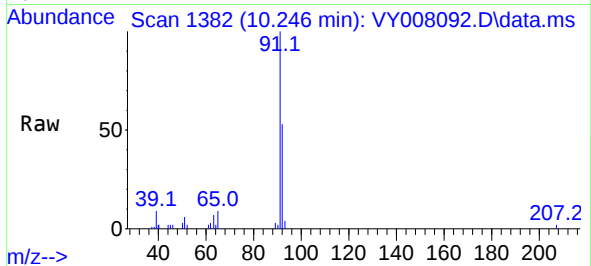




#52
Toluene
Concen: 20.069 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

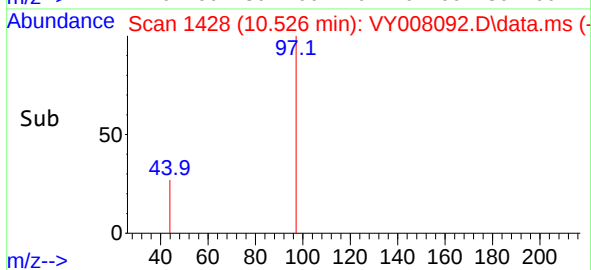
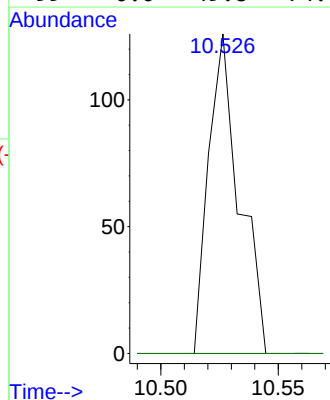
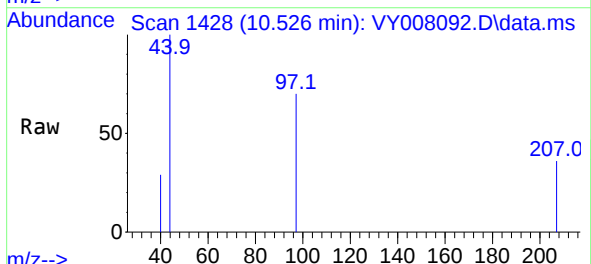
Instrument :
MSVOA_Y
ClientSampleId :

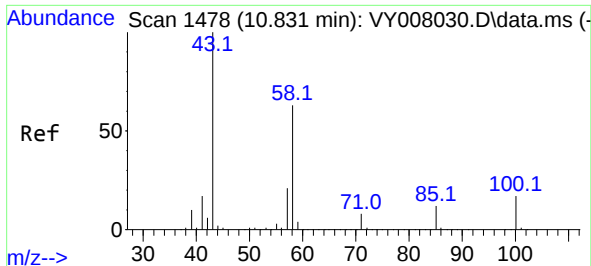
Tgt Ion: 92 Resp: 4643
Ion Ratio Lower Upper
92 100
91 169.6 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 1.524 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. -0.116 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 97 Resp: 115
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#

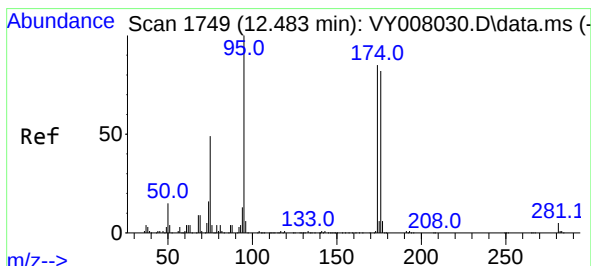
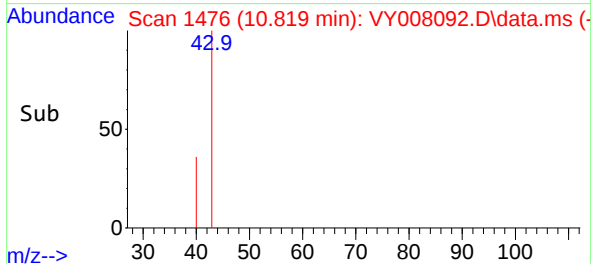
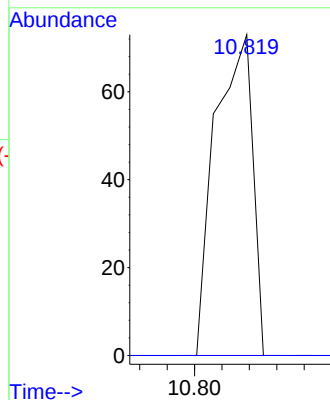
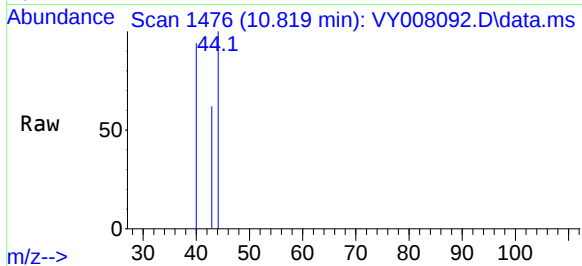




#59
2-Hexanone
Concen: 1.729 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. -0.012 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

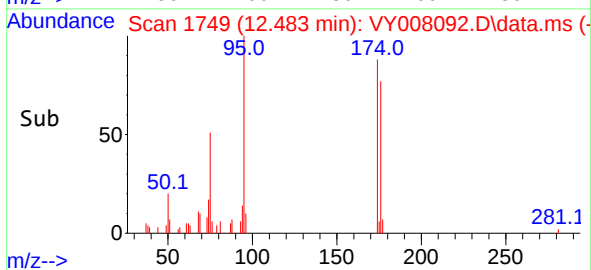
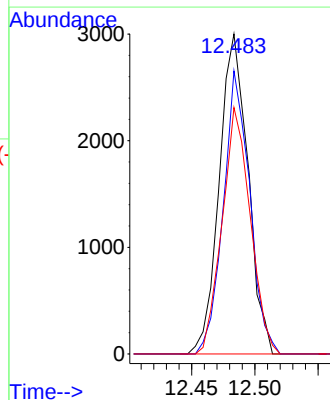
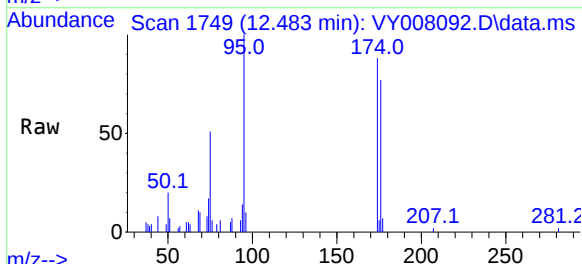
Instrument :
MSVOA_Y
ClientSampleId :

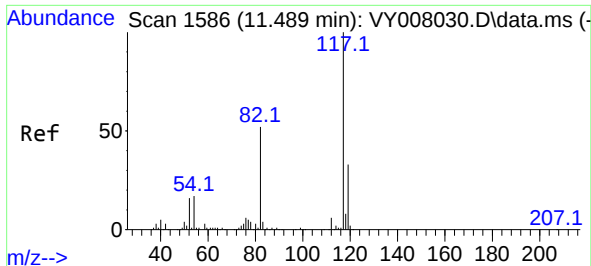
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 45.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

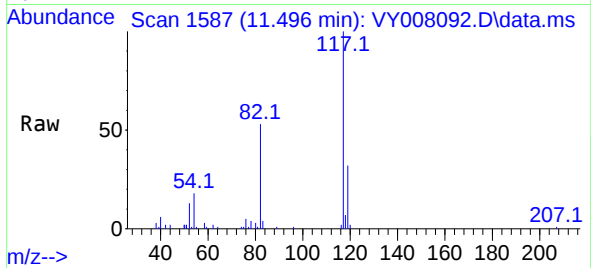
Tgt Ion: 95 Resp: 4719
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 75.7 0.0 175.8



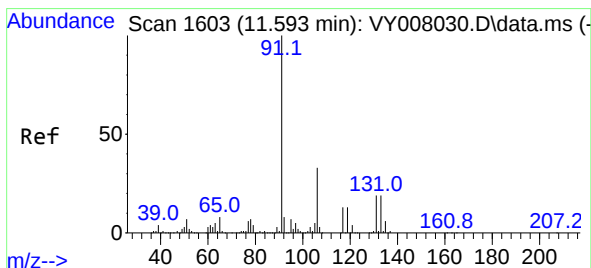
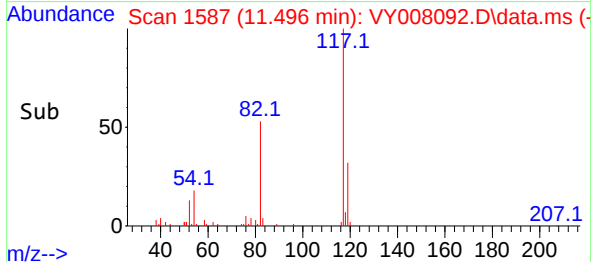
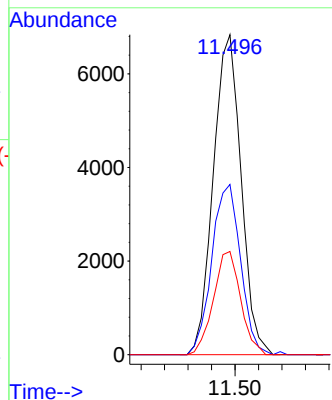


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :

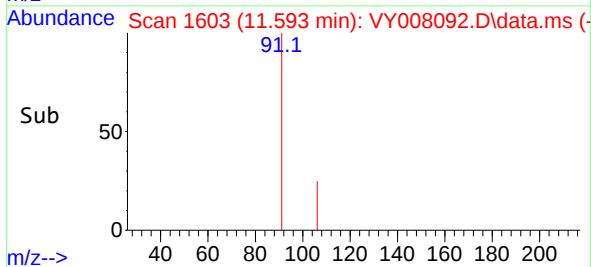
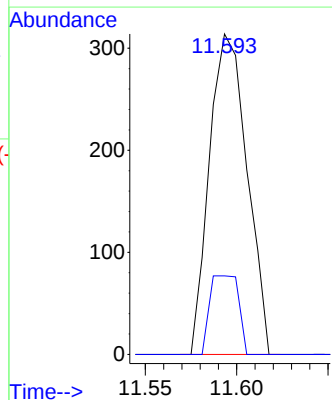
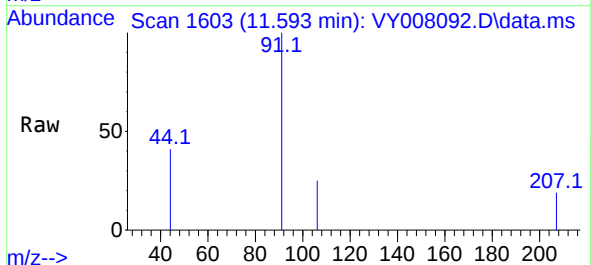


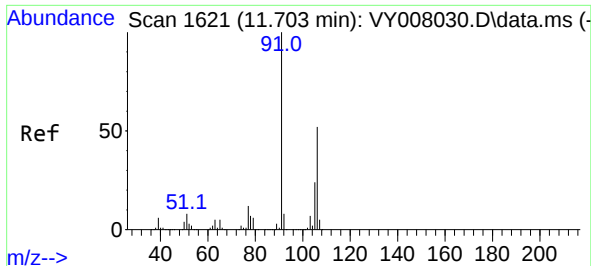
Tgt Ion:117 Resp: 11222
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 25.4 38.0



#67
Ethyl Benzene
Concen: 1.015 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 91 Resp: 450
Ion Ratio Lower Upper
91 100
106 24.5 24.5 36.7

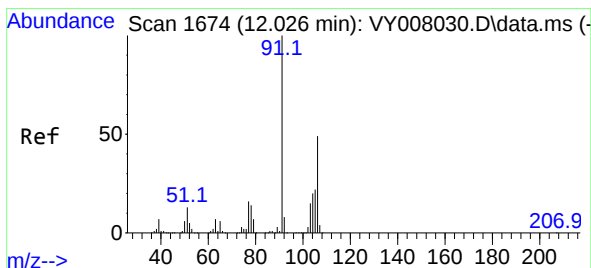
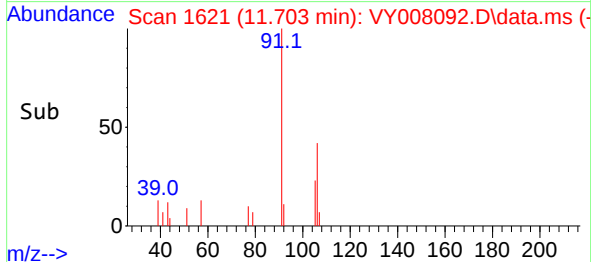
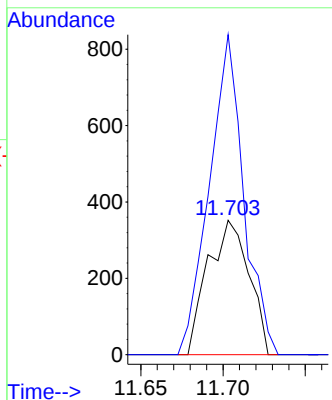
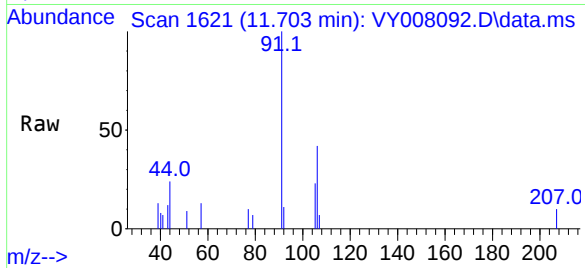




#68
m/p-Xylenes
Concen: 3.476 ug/l
RT: 11.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

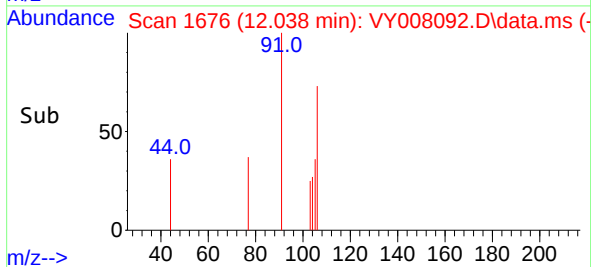
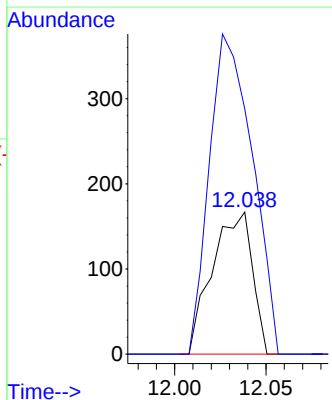
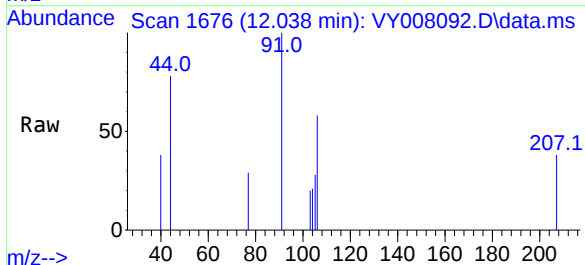
Instrument :
MSVOA_Y
ClientSampleId :

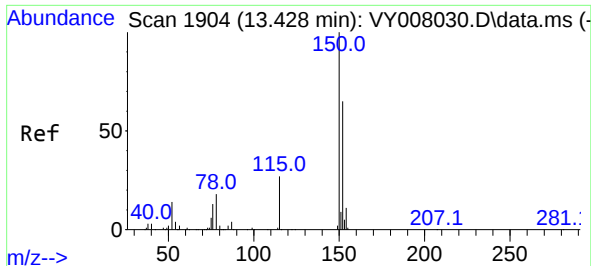
Tgt Ion:106 Resp: 613
Ion Ratio Lower Upper
106 100
91 198.5 166.6 249.8



#69
o-Xylene
Concen: 1.510 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

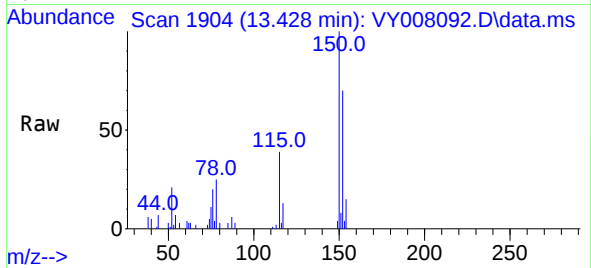
Tgt Ion:106 Resp: 255
Ion Ratio Lower Upper
106 100
91 242.0 110.3 331.0



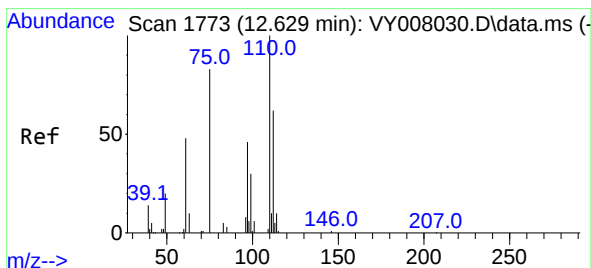
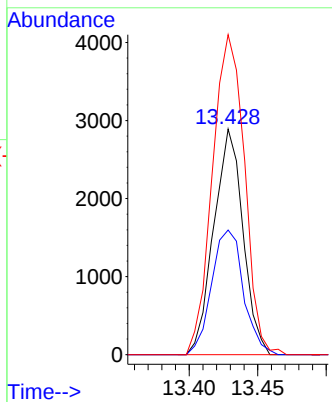
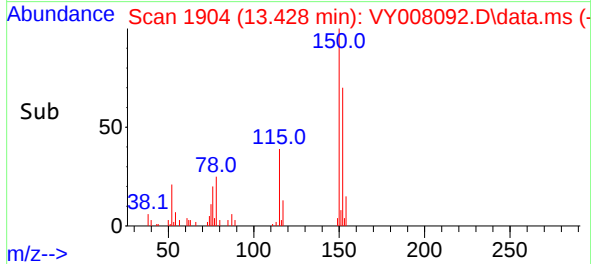


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008092.D
 Acq: 29 Mar 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :

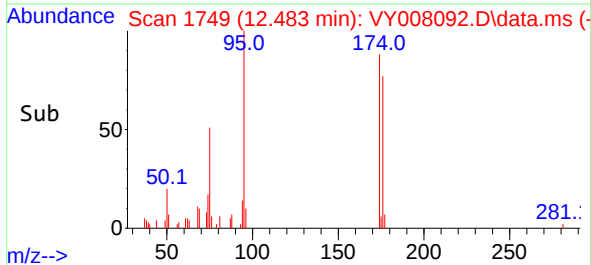
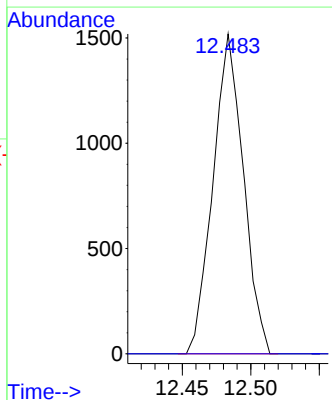
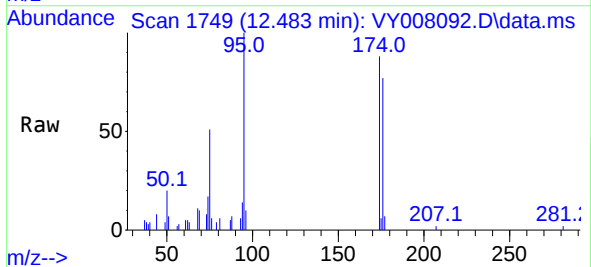


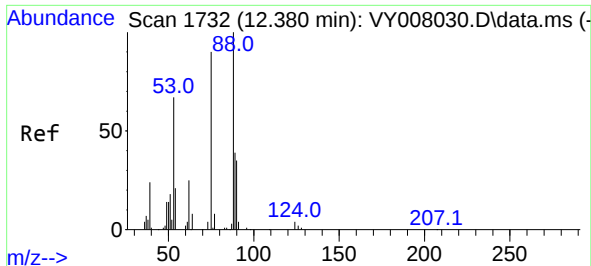
Tgt Ion:152 Resp: 4287
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.2 84.7
 150 155.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 44.873 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008092.D
 Acq: 29 Mar 2022 17:13

Tgt Ion: 75 Resp: 2345
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

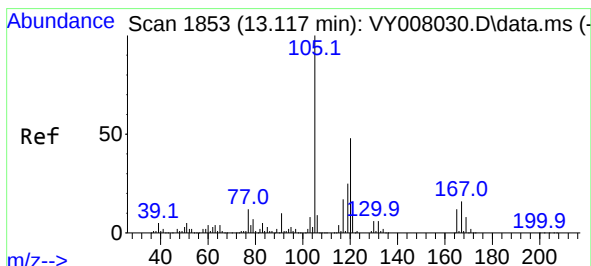
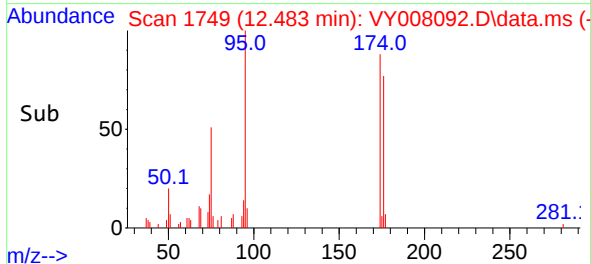
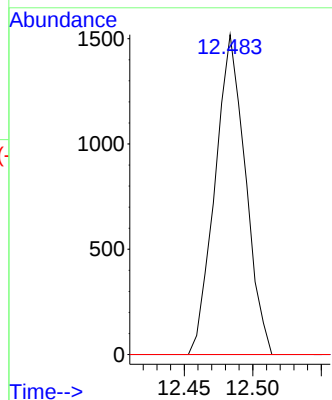
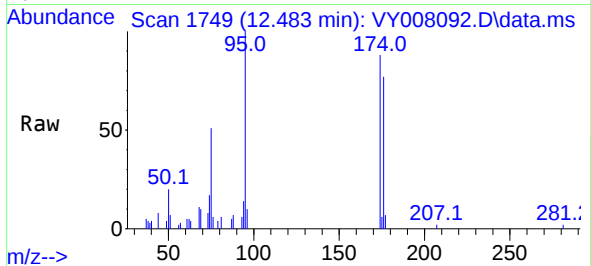




#81
trans-1,4-Dichloro-2-butene
Concen: 100.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

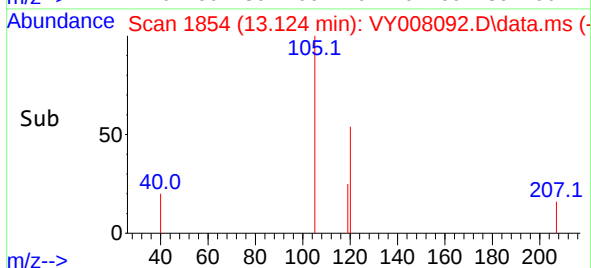
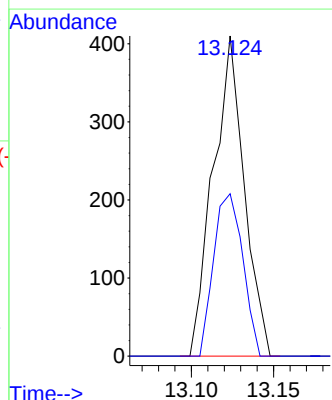
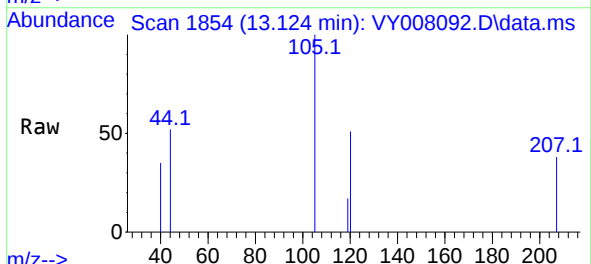
Instrument :
MSVOA_Y
ClientSampleId :

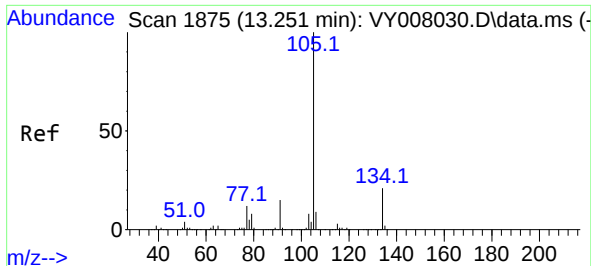
Tgt Ion: 75 Resp: 2345
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.913 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

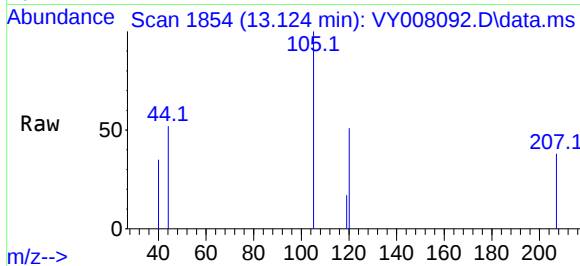
Tgt Ion:105 Resp: 540
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9



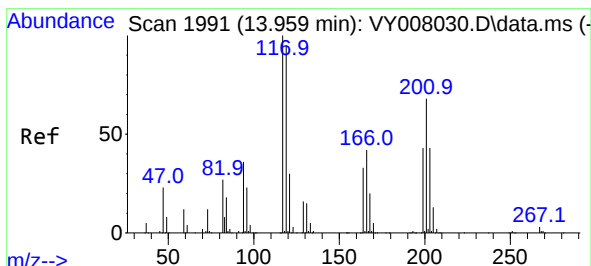
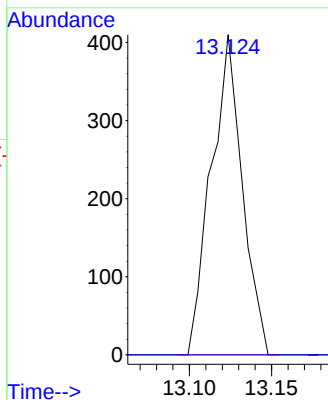
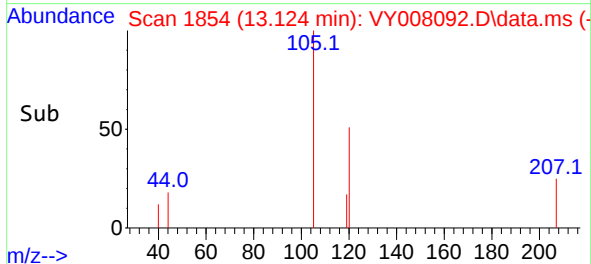


#85
 sec-Butylbenzene
 Concen: 1.417 ug/l
 RT: 13.124 min Scan# 11
 Delta R.T. -0.127 min
 Lab File: VY008092.D
 Acq: 29 Mar 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :

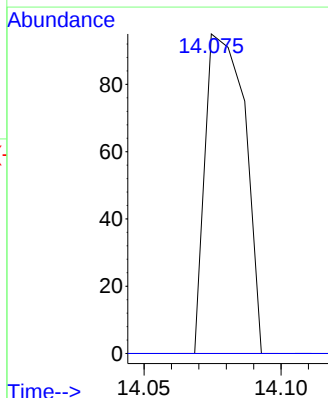
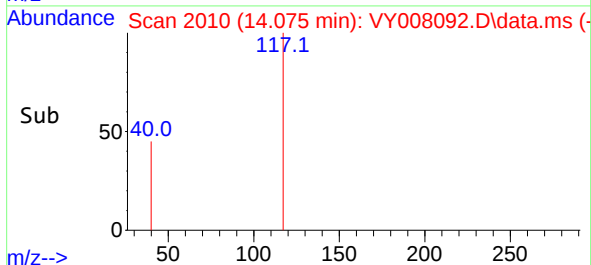
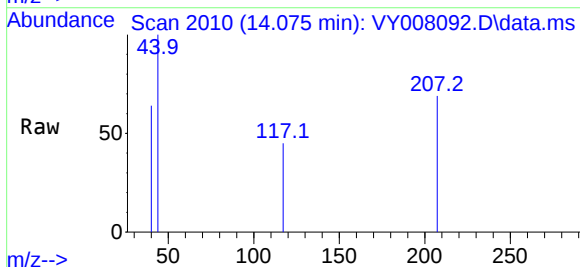


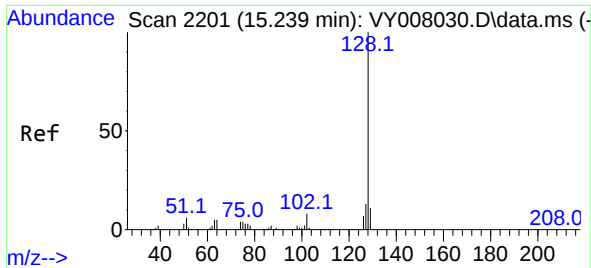
Tgt Ion:105 Resp: 540
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#90
 Hexachloroethane
 Concen: 1.545 ug/l
 RT: 14.075 min Scan# 2010
 Delta R.T. 0.116 min
 Lab File: VY008092.D
 Acq: 29 Mar 2022 17:13

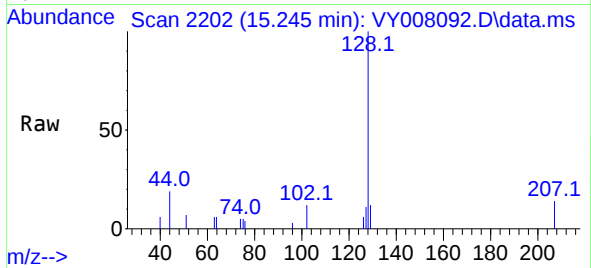
Tgt Ion:117 Resp: 95
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.0 128.8#





#95
Naphthalene
Concen: 14.595 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 2738
Ion Ratio Lower Upper
128 100
127 10.8 11.0 16.4#
129 12.9 8.4 12.6#

