

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009280.D
 Acq On : 22 Jun 2022 18:29
 Operator : KP/MD
 Sample : N3430-05
 Misc : 4.36/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-20-22-20220621

Quant Time: Jun 23 01:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

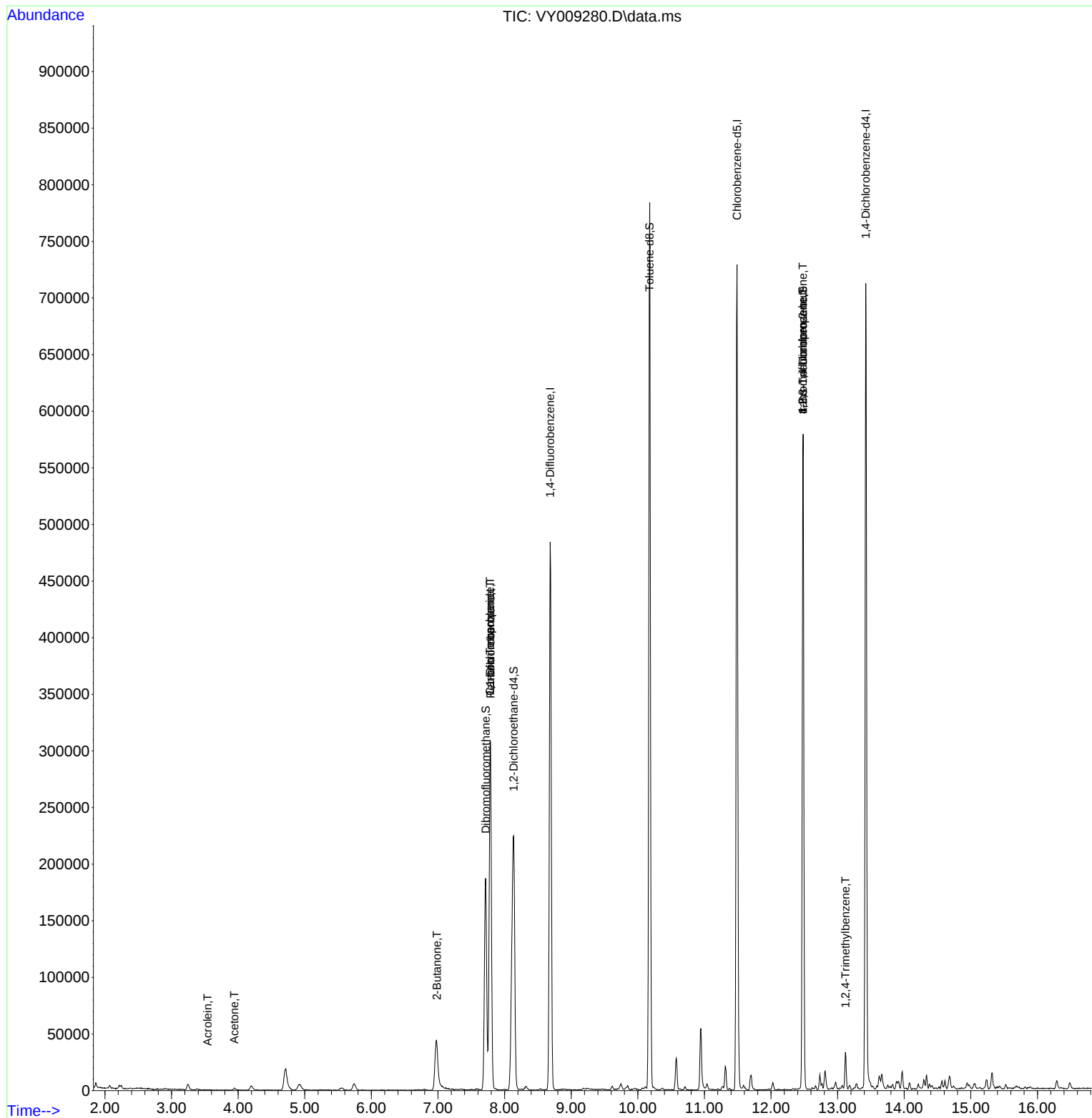
Internal Standards						
1) Pentafluorobenzene	7.789	168	252395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	402737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141385	51.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.02%			
35) Dibromofluoromethane	7.716	113	133256	47.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.72%			
50) Toluene-d8	10.179	98	509755	47.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.32%			
62) 4-Bromofluorobenzene	12.477	95	179124	47.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.32%			
Target Compounds						
11) Tert butyl alcohol	4.917	59	3006	Below Cal	#	86
13) Acrolein	3.540	56	41	30.36	ug/l #	14
16) Acetone	3.942	43	2354	3.44	ug/l #	88
18) Methyl Acetate	4.466	43	93	Below Cal	#	56
20) Methylene Chloride	4.716	84	14272	Below Cal	#	83
25) 2-Butanone	6.984	43	3104	2.81	ug/l	99
36) 1,1-Dichloropropene	7.783	75	19123	4.51	ug/l #	50
38) Carbon Tetrachloride	7.783	117	24235	5.50	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	88854	40.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	88854	86.41	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	16580	1.40	ug/l	91

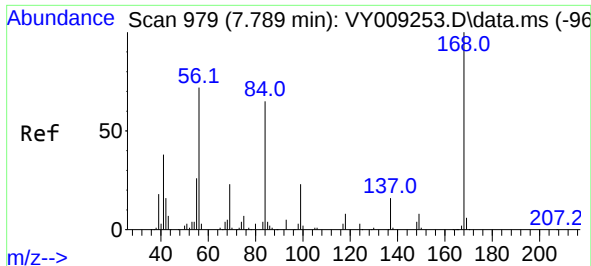
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
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SB-5-20-22-20220621

Quant Time: Jun 23 01:58:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

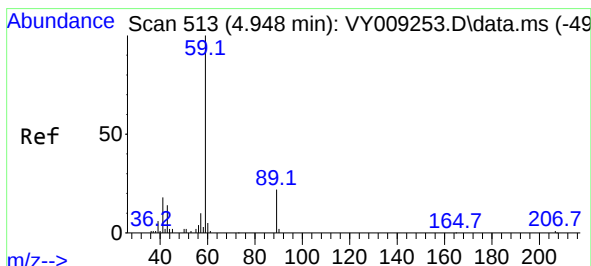
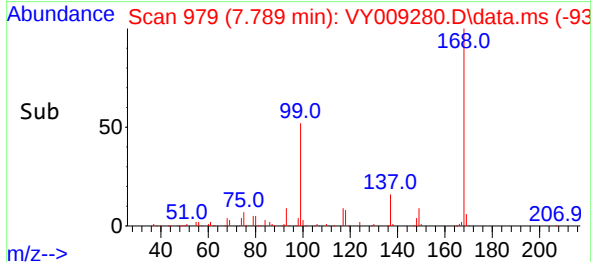
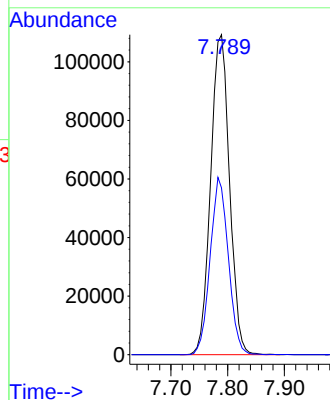
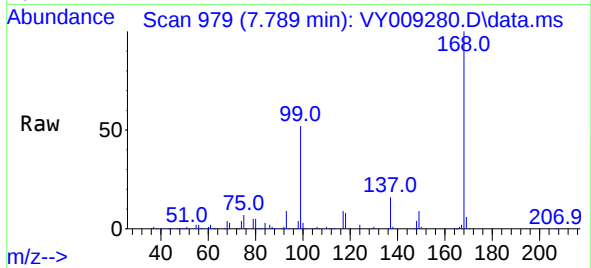




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

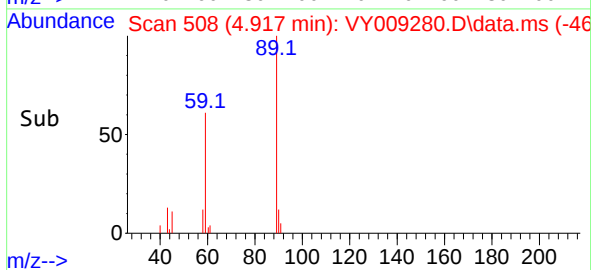
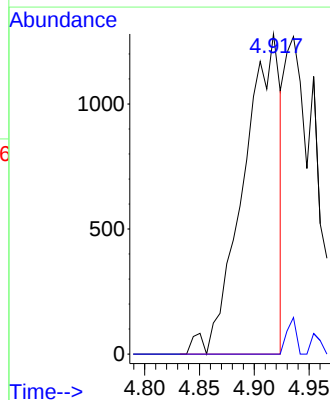
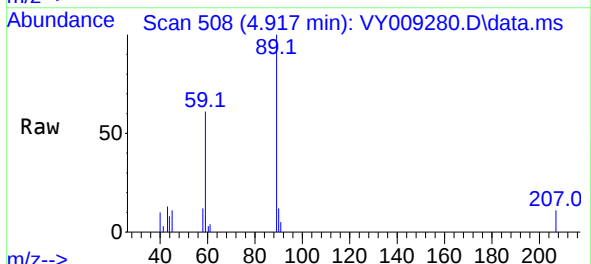
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

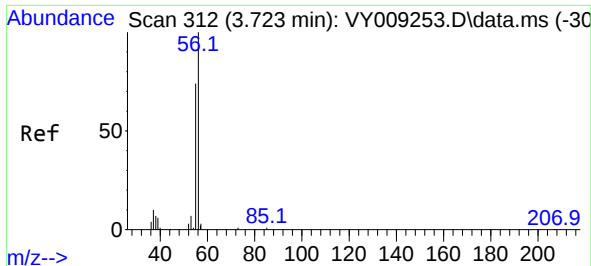
Tgt Ion:168 Resp: 252395
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion: 59 Resp: 3006
Ion Ratio Lower Upper
59 100
57 2.9 6.4 9.6#

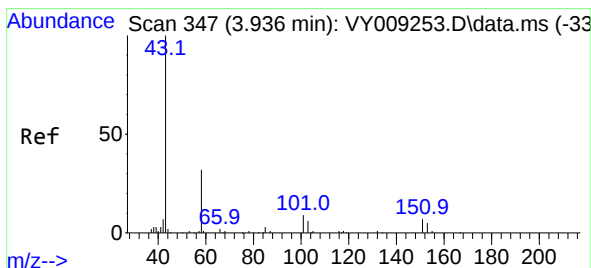
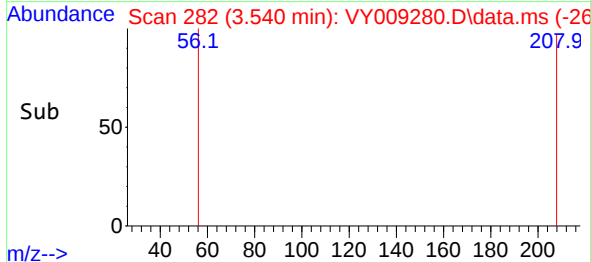
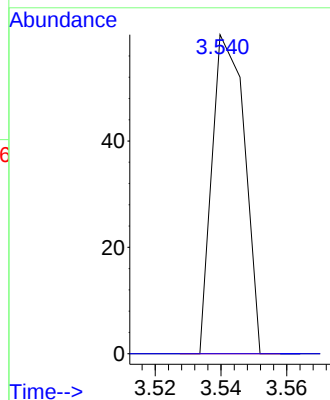
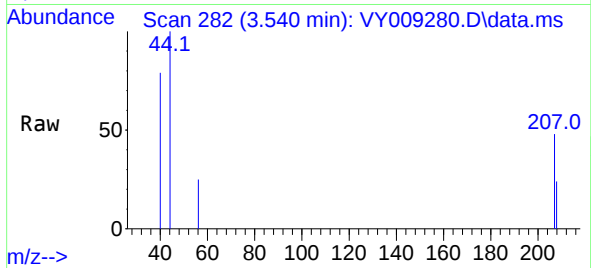




#13
Acrolein
Concen: 30.36 ug/l
RT: 3.540 min Scan# 21
Delta R.T. -0.183 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

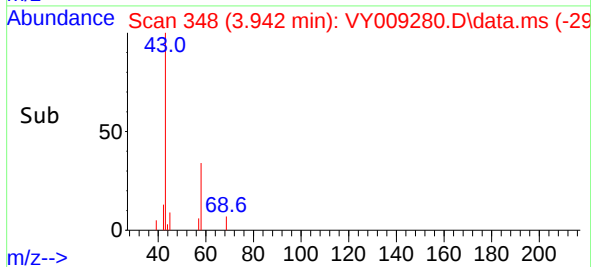
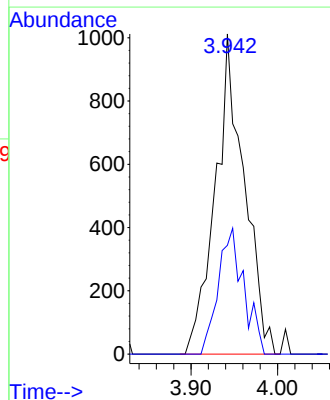
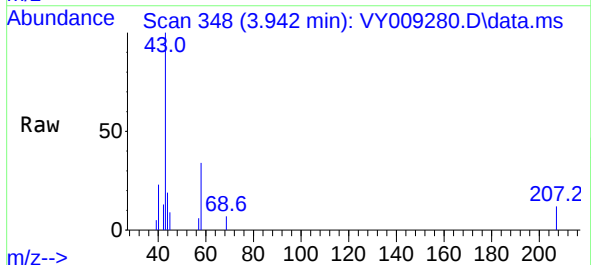
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

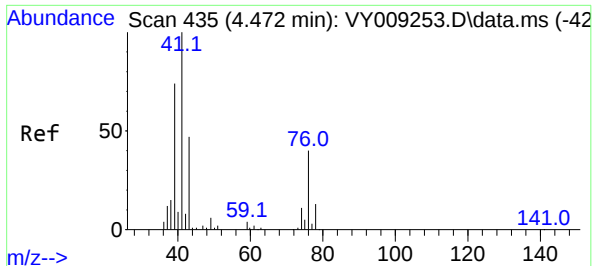
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 3.44 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

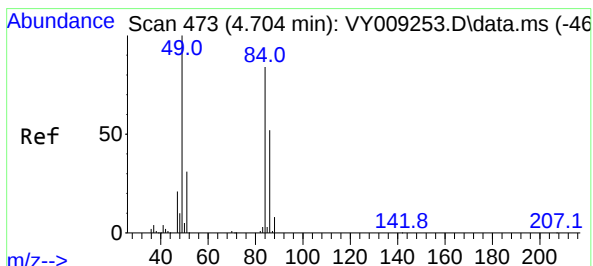
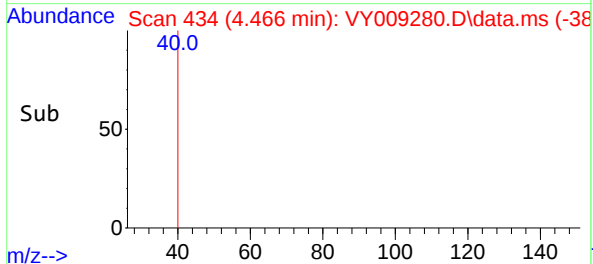
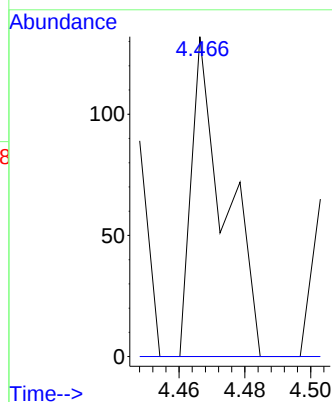
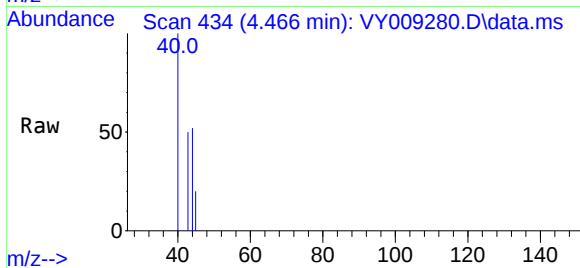
SB-5-20-22-20220621

Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

Tgt Ion: 84 Resp: 14272

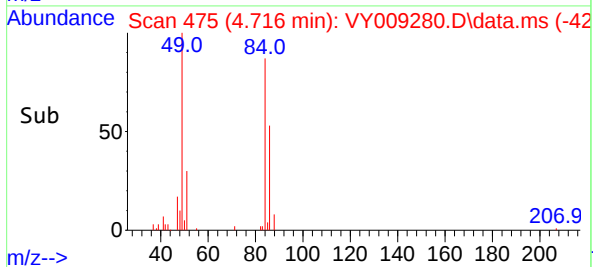
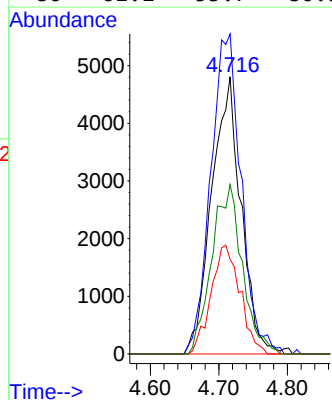
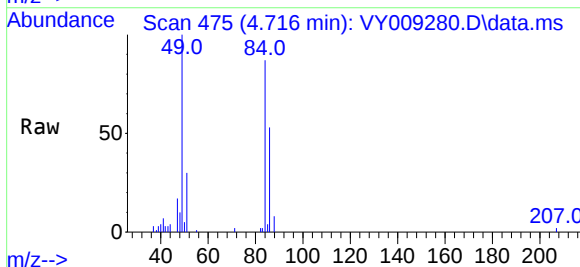
Ion Ratio Lower Upper

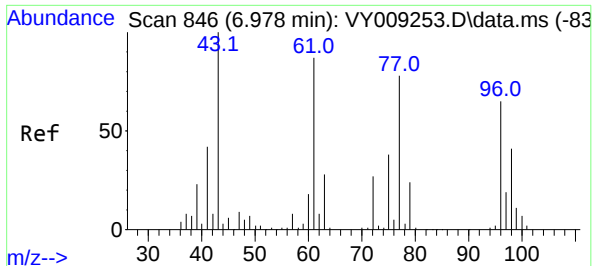
84 100

49 115.4 114.4 171.6

51 34.1 35.3 52.9#

86 61.1 53.7 80.5





#25

2-Butanone

Concen: 2.81 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

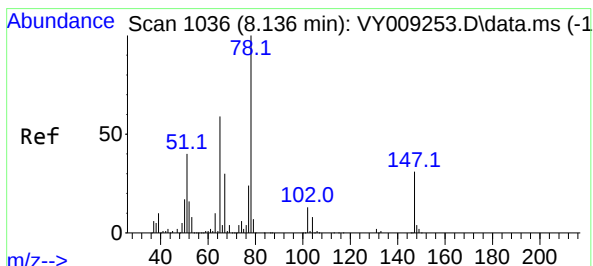
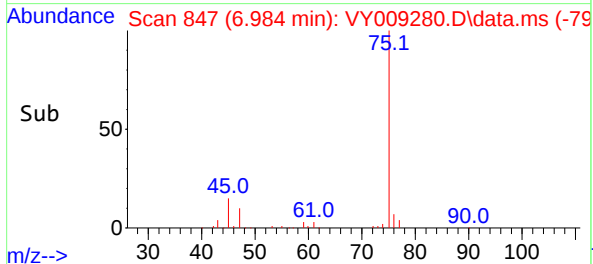
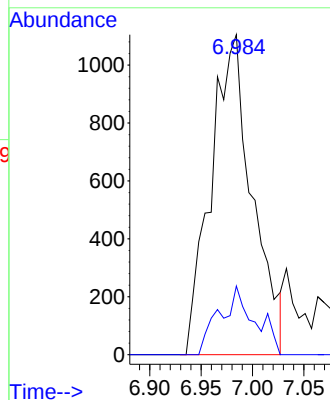
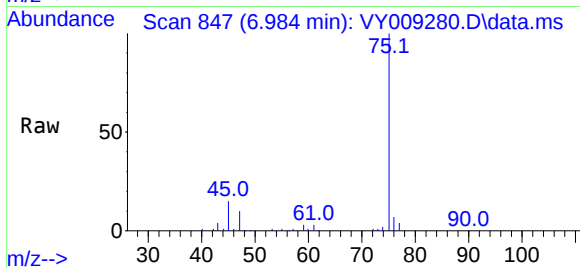
SB-5-20-22-20220621

Tgt Ion: 43 Resp: 3104

Ion Ratio Lower Upper

43 100

72 21.4 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 51.01 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009280.D

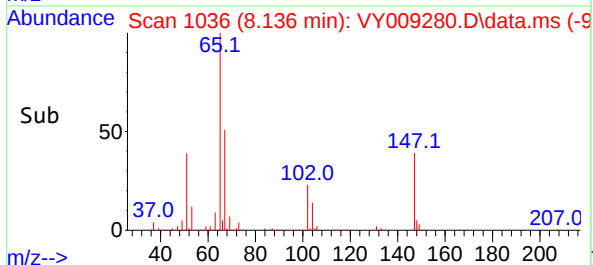
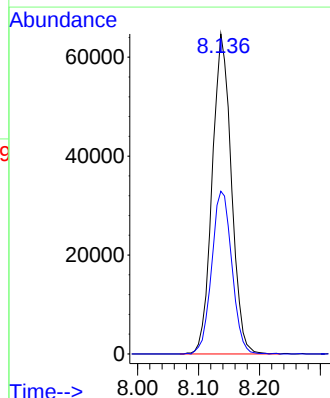
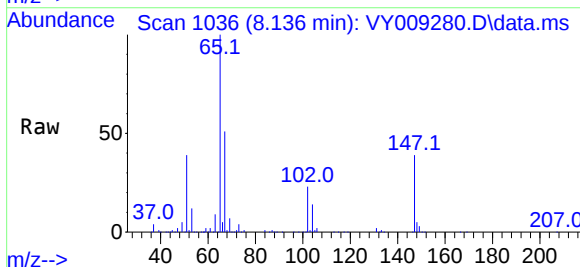
Acq: 22 Jun 2022 18:29

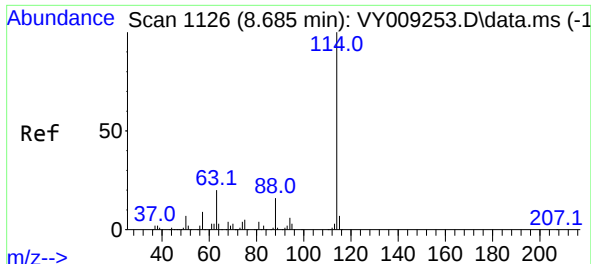
Tgt Ion: 65 Resp: 141385

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-20-22-20220621

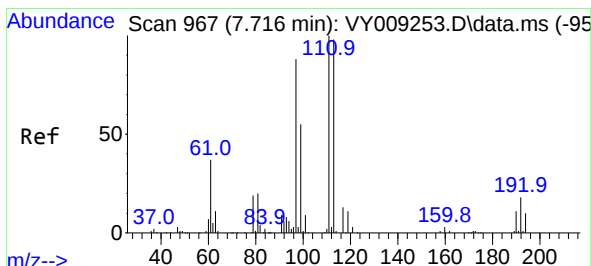
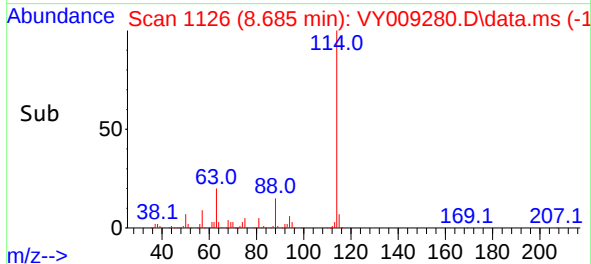
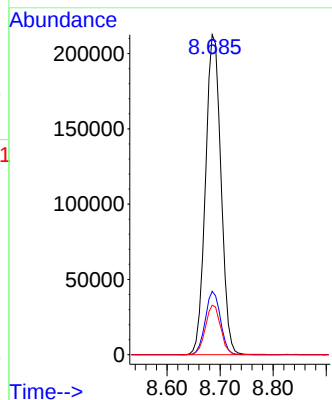
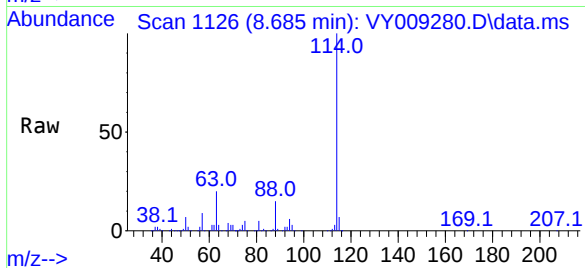
Tgt Ion:114 Resp: 429936

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.86 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

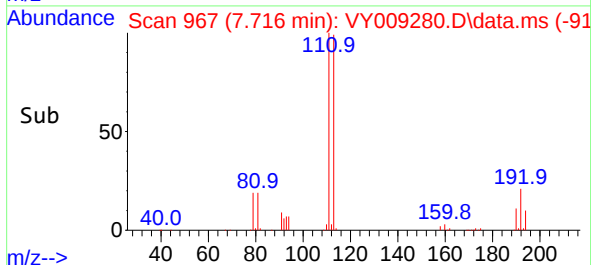
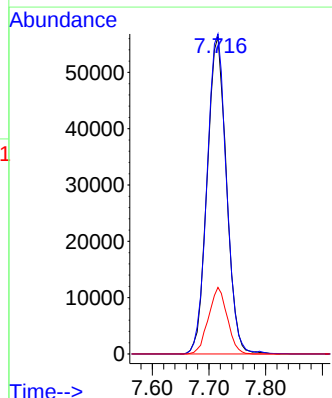
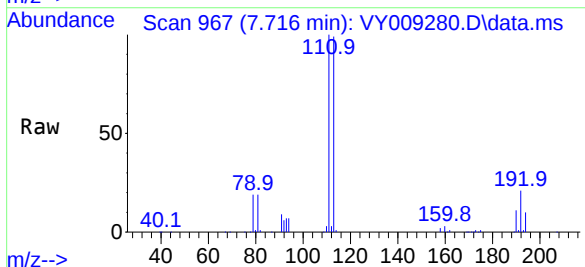
Tgt Ion:113 Resp: 133256

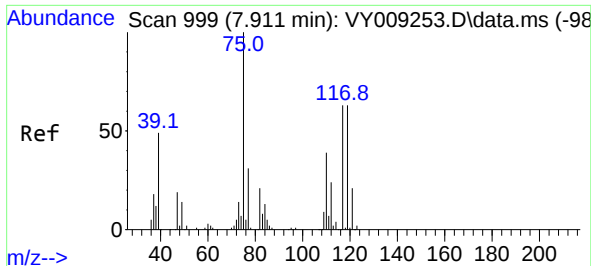
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 20.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.51 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-20-22-20220621

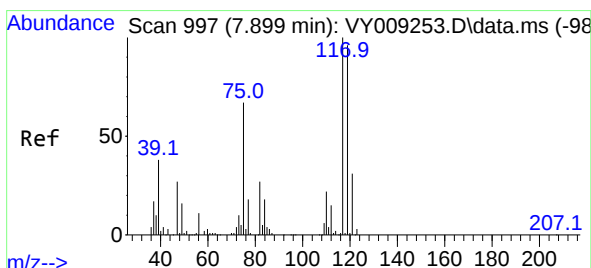
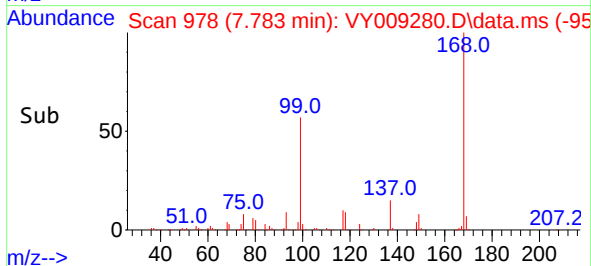
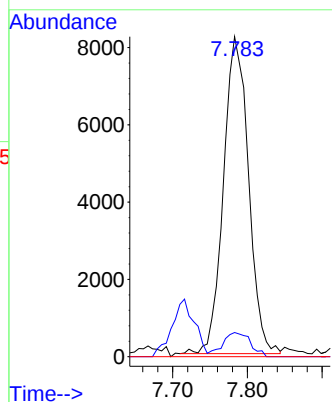
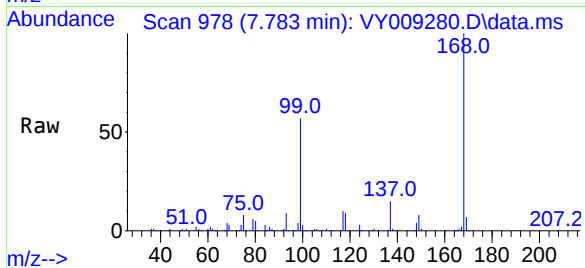
Tgt Ion: 75 Resp: 19123

Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.50 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009280.D

Acq: 22 Jun 2022 18:29

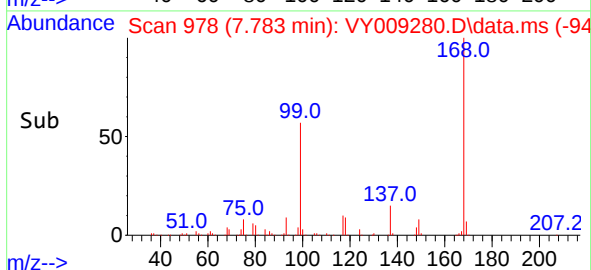
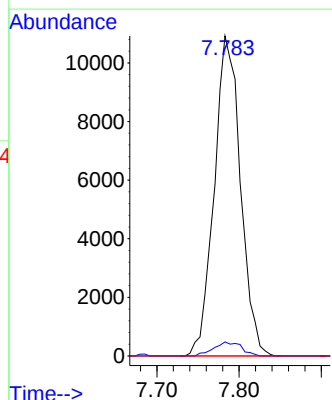
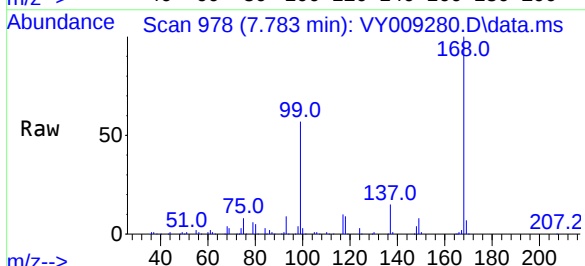
Tgt Ion: 117 Resp: 24235

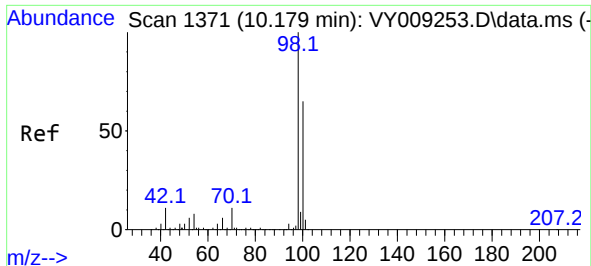
Ion Ratio Lower Upper

117 100

119 4.4 77.9 116.9#

121 0.0 24.8 37.2#

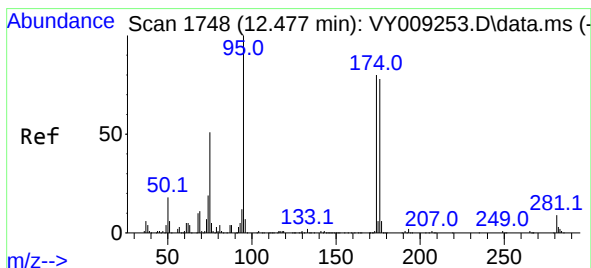
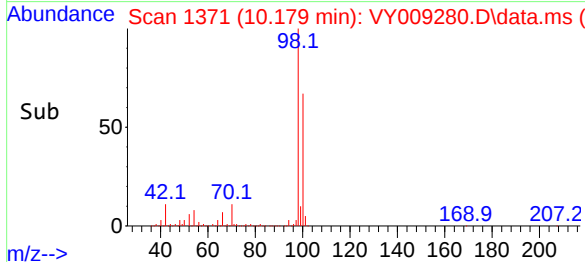
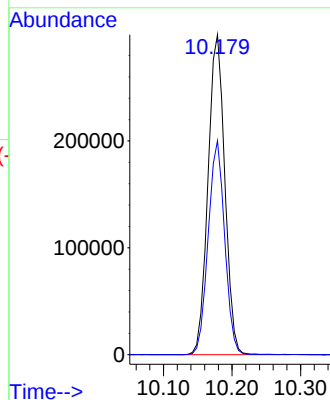
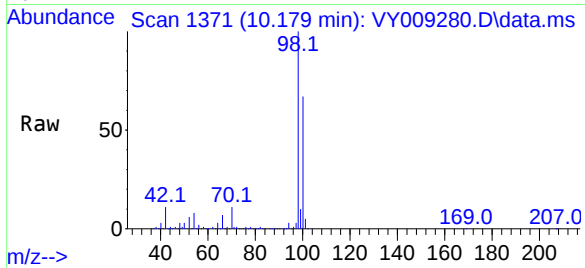




#50
Toluene-d8
Concen: 47.66 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

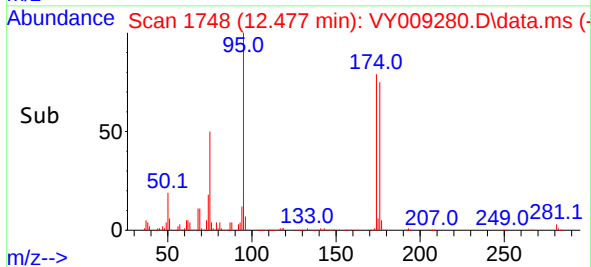
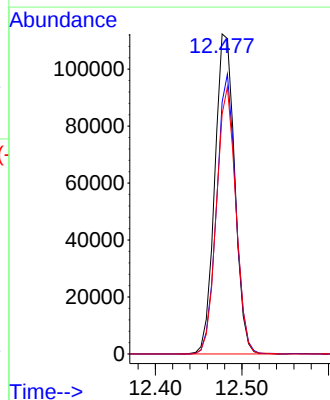
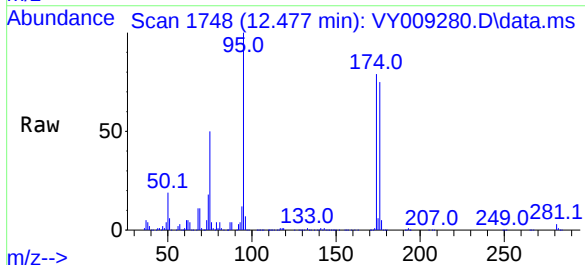
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

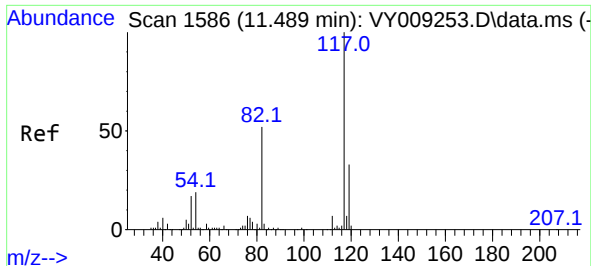
Tgt Ion: 98 Resp: 509755
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.66 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion: 95 Resp: 179124
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.0 0.0 175.8

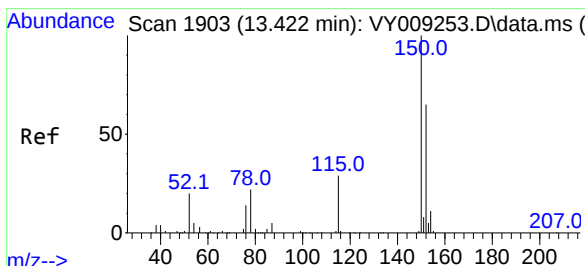
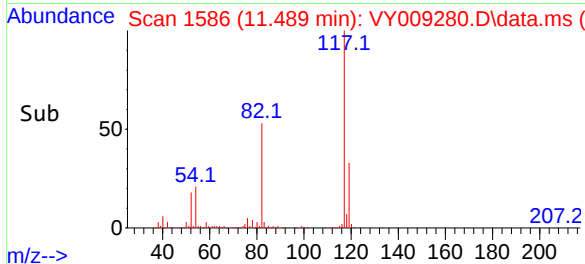
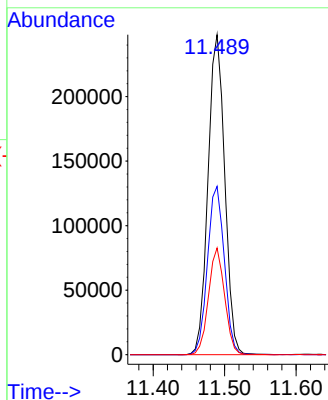
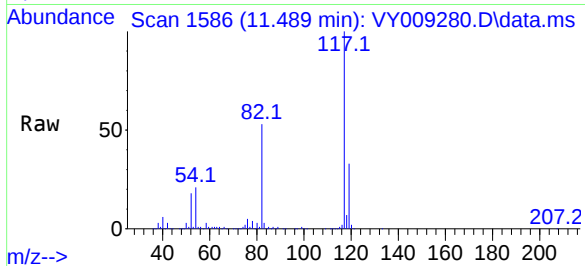




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

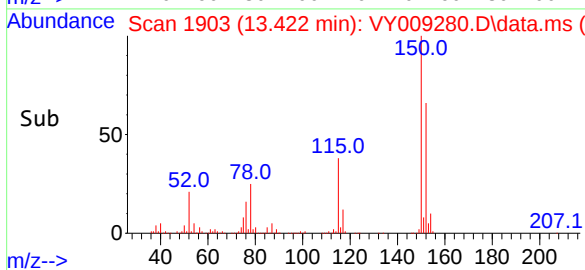
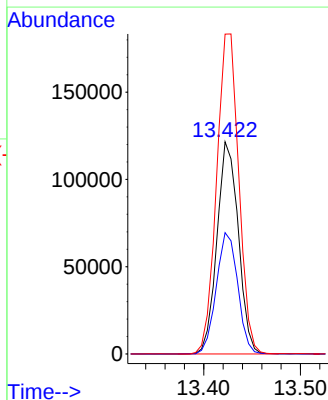
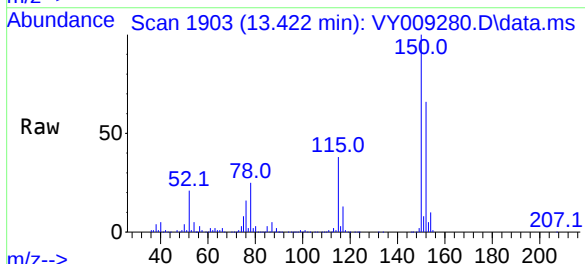
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

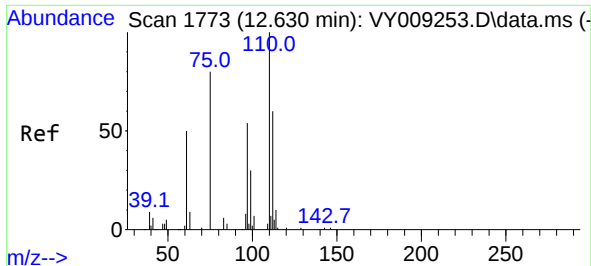
Tgt Ion:117 Resp: 402737
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

Tgt Ion:152 Resp: 185963
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 156.6 0.0 347.6

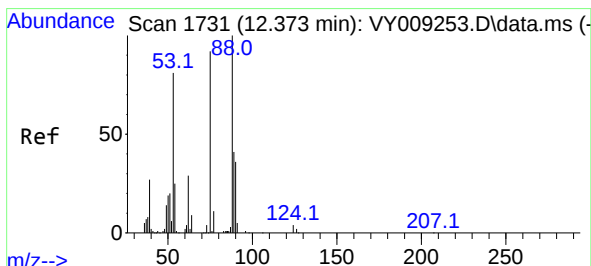
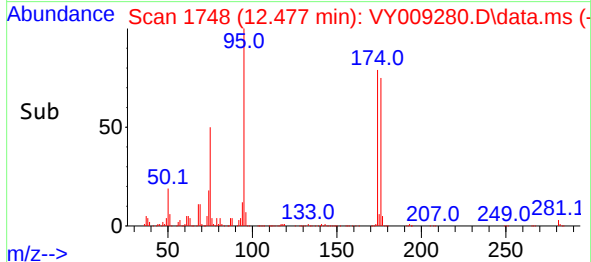
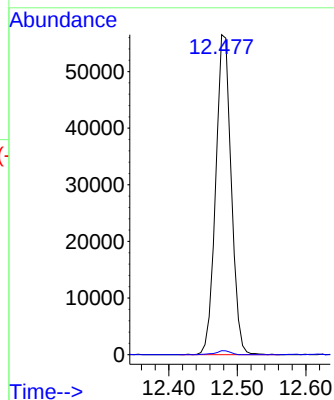
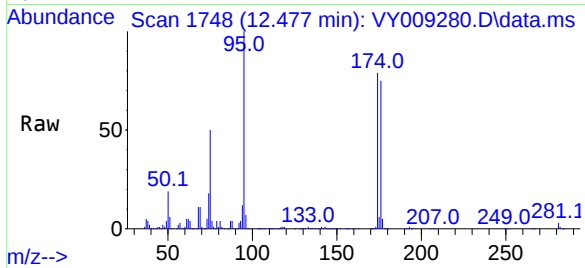




#76
1,2,3-Trichloropropane
Concen: 40.75 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

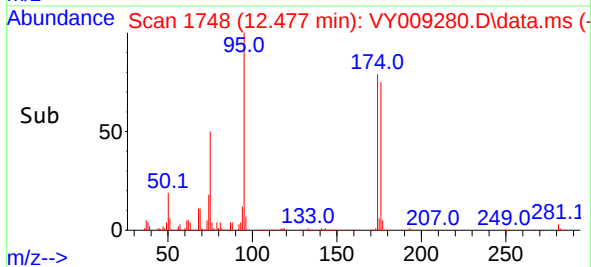
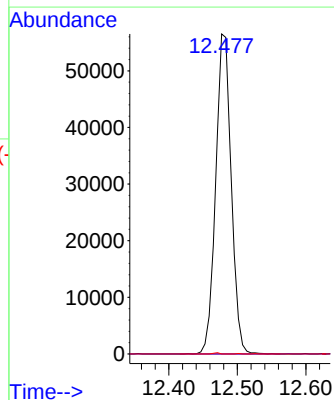
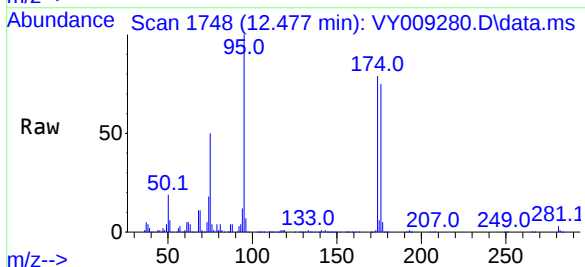
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-20-22-20220621

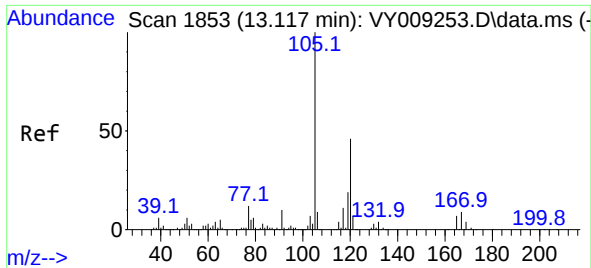
Tgt Ion: 75 Resp: 88854
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.41 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009280.D
Acq: 22 Jun 2022 18:29

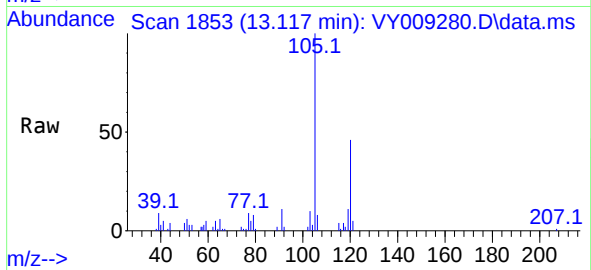
Tgt Ion: 75 Resp: 88854
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.40 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009280.D
 Acq: 22 Jun 2022 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-20-22-20220621



Tgt Ion:105 Resp: 16580
 Ion Ratio Lower Upper
 105 100
 120 50.3 22.3 66.9

