

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009205.D
 Acq On : 16 Jun 2022 16:14
 Operator : KP/MD
 Sample : N3340-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125642	56.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.760%
35) Dibromofluoromethane	7.710	113	115024	49.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.179	98	444418	50.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.477	95	154689	49.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.420%

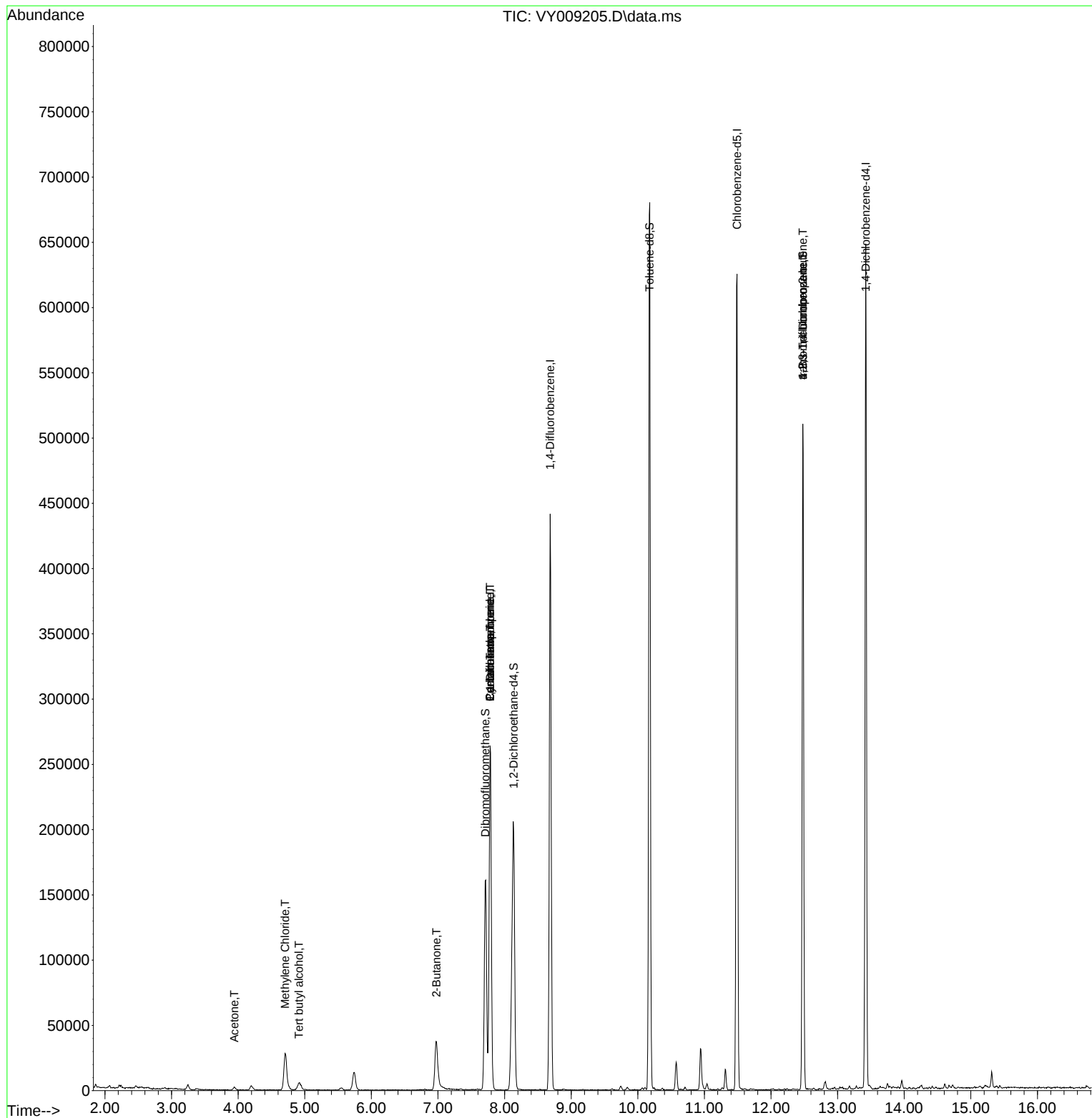
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.911	59	5903	16.845	ug/l	# 77
16) Acetone	3.942	43	3380	6.075	ug/l	# 77
18) Methyl Acetate	4.472	43	131	Below Cal		# 56
20) Methylene Chloride	4.704	84	19779	5.327	ug/l	# 89
25) 2-Butanone	6.978	43	2806	3.187	ug/l	# 95
31) Cyclohexane	7.783	56	4259	1.076	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	15682	4.387	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	19592	5.301	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	78127	43.860	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	78127	87.408	ug/l	# 7

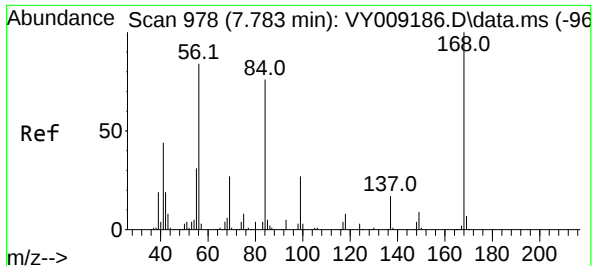
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration

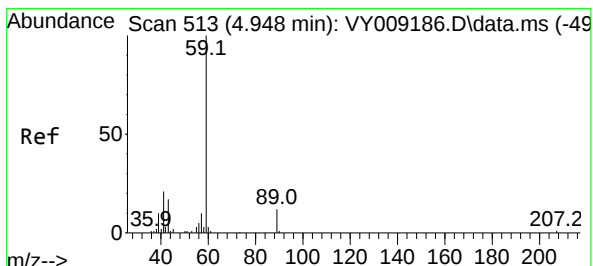
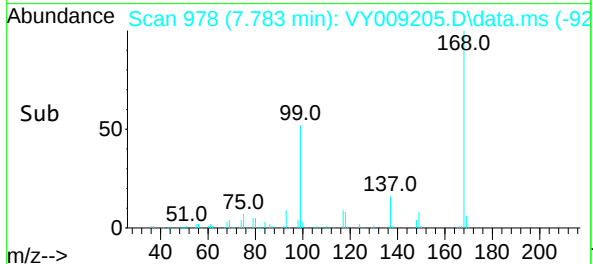
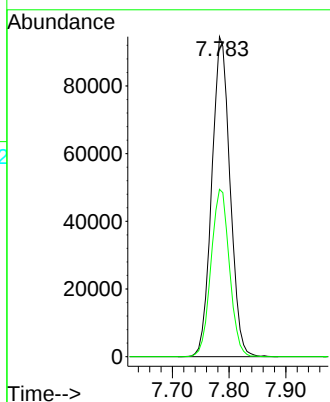
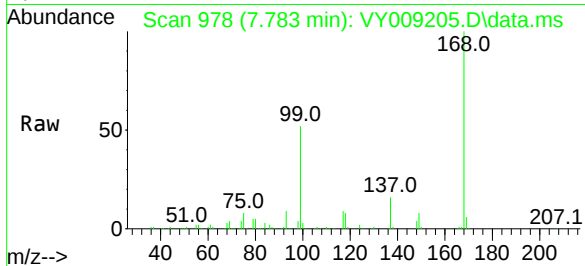




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

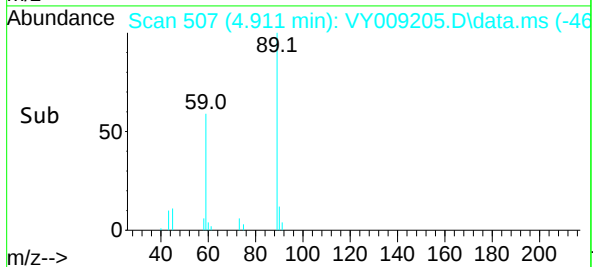
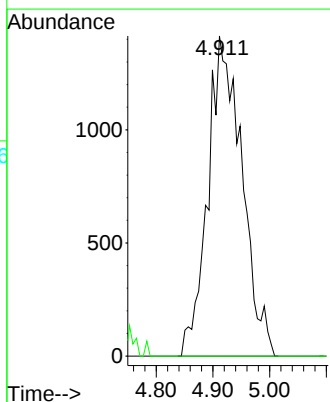
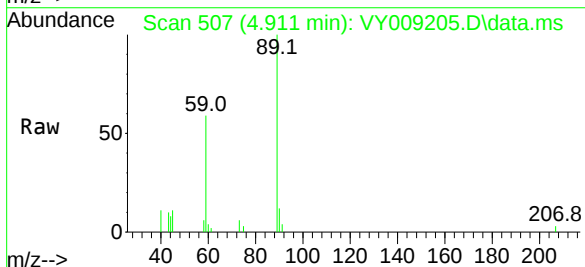
Instrument :
MSVOA_Y
ClientSampleId :

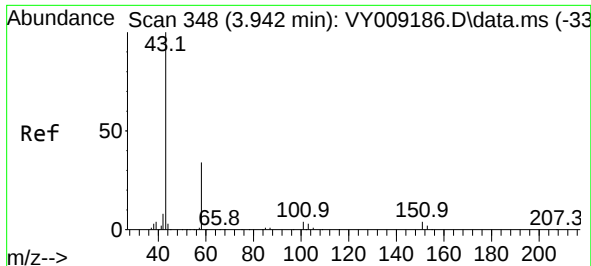
Tgt Ion:168 Resp: 211450
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 16.845 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

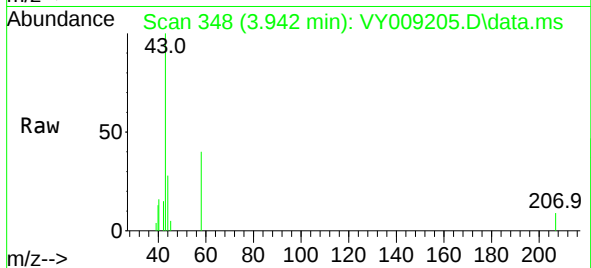
Tgt Ion: 59 Resp: 5903
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



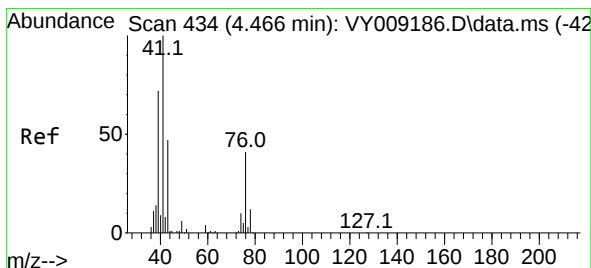
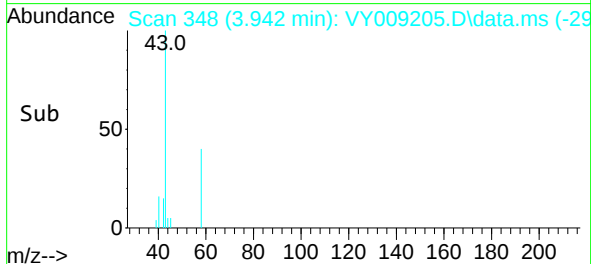
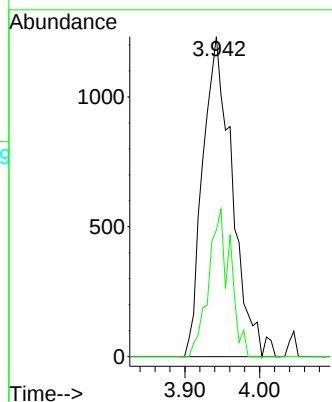


#16
Acetone
Concen: 6.075 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :

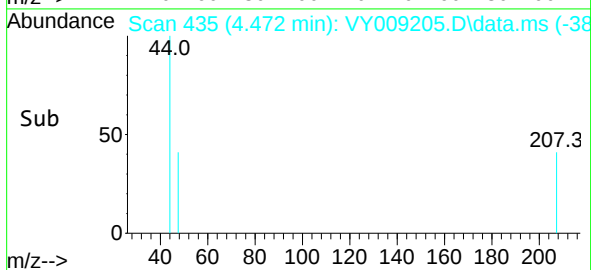
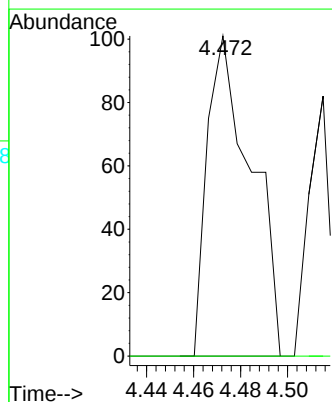
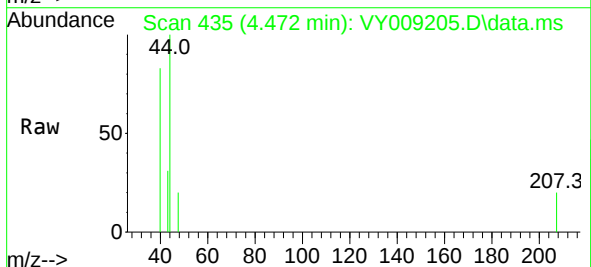


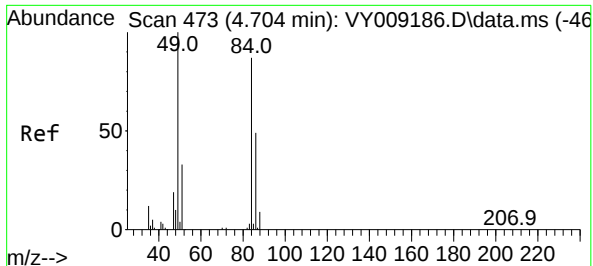
Tgt Ion: 43 Resp: 3380
Ion Ratio Lower Upper
43 100
58 39.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

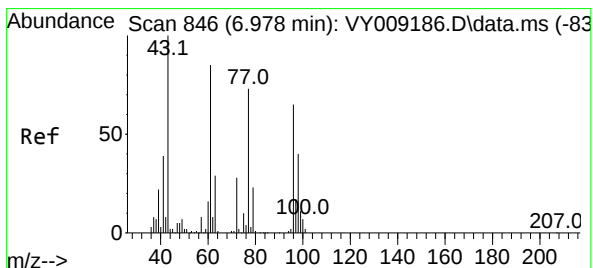
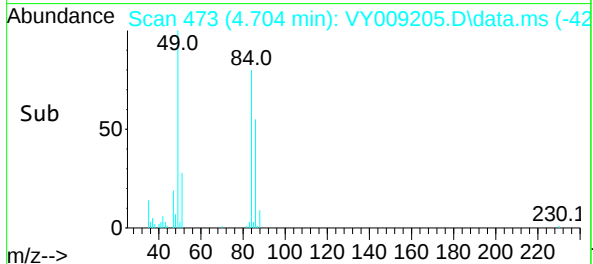
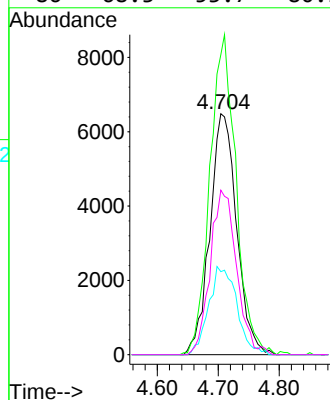
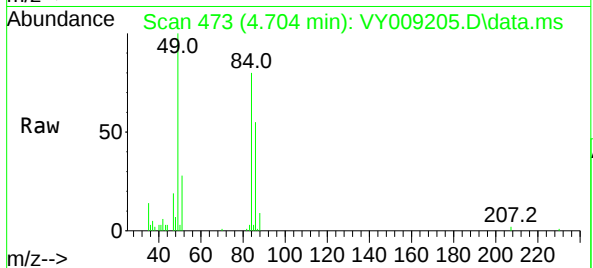




#20
Methylene Chloride
Concen: 5.327 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

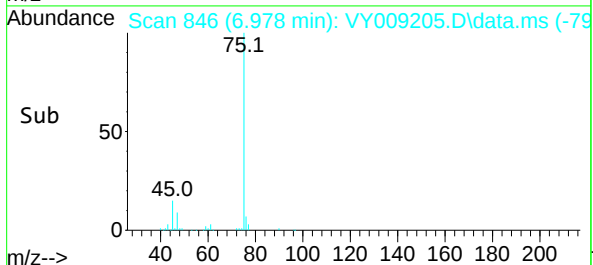
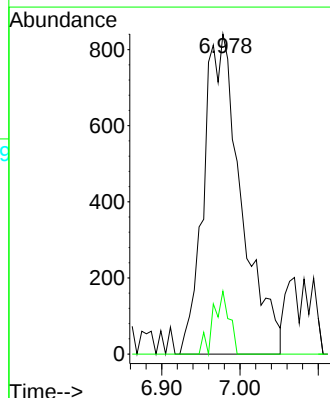
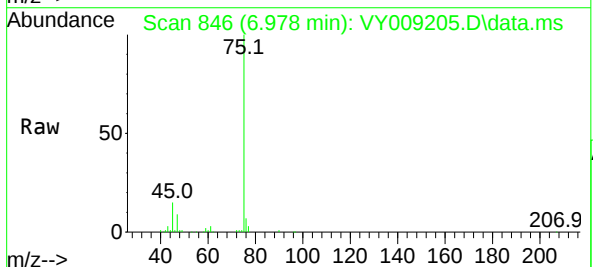
Instrument :
MSVOA_Y
ClientSampleId :

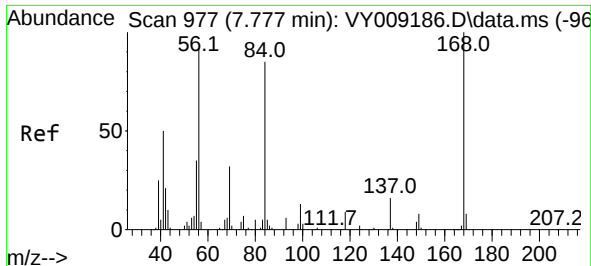
Tgt Ion:	84	Resp:	19779
Ion	Ratio	Lower	Upper
84	100		
49	124.5	114.4	171.6
51	34.5	35.3	52.9#
86	68.3	53.7	80.5



#25
2-Butanone
Concen: 3.187 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

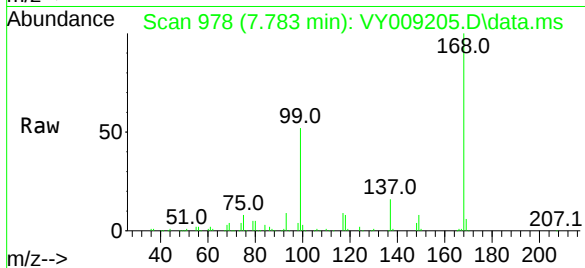
Tgt Ion:	43	Resp:	2806
Ion	Ratio	Lower	Upper
43	100		
72	19.6	17.7	26.5



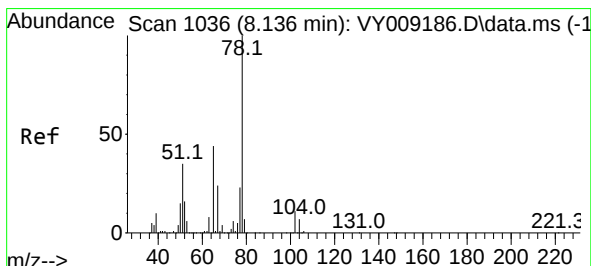
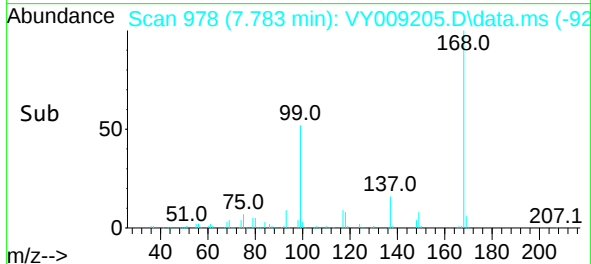
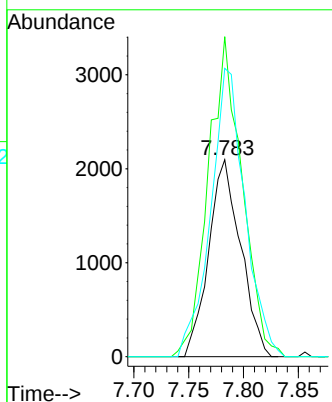


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :

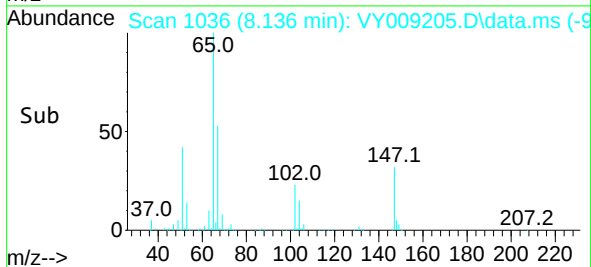
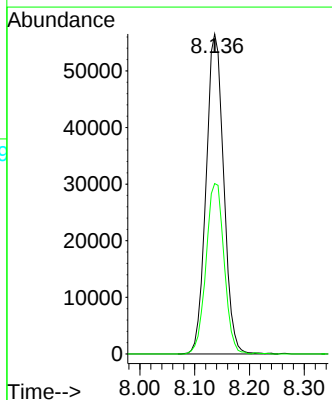
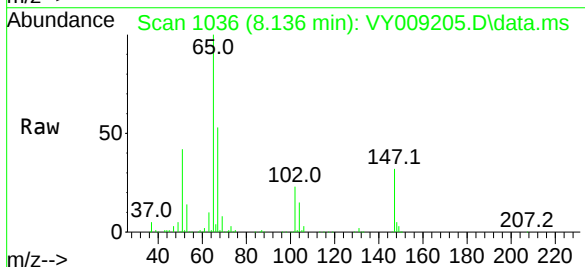


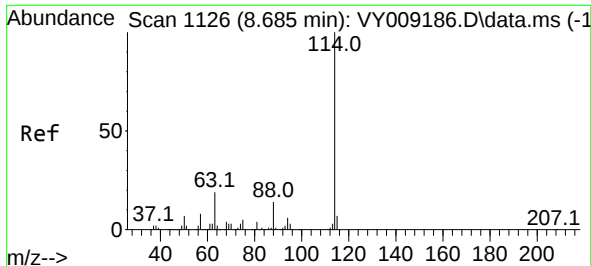
Tgt Ion: 56 Resp: 4259
Ion Ratio Lower Upper
56 100
69 159.6 26.7 40.1#
84 146.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 65 Resp: 125642
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009205.D

Acq: 16 Jun 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

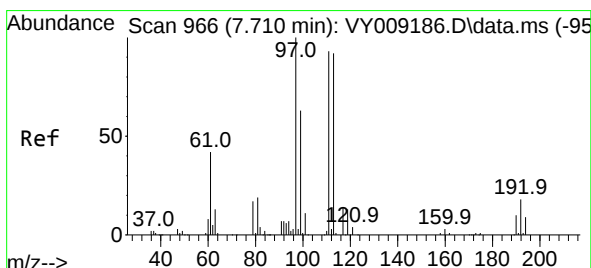
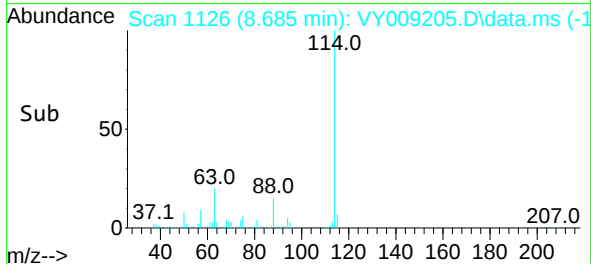
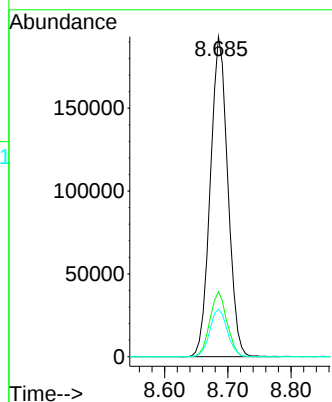
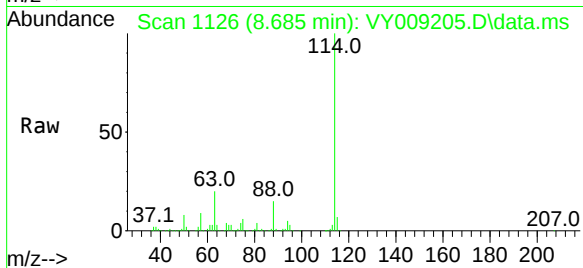
Tgt Ion:114 Resp: 370610

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.503 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009205.D

Acq: 16 Jun 2022 16:14

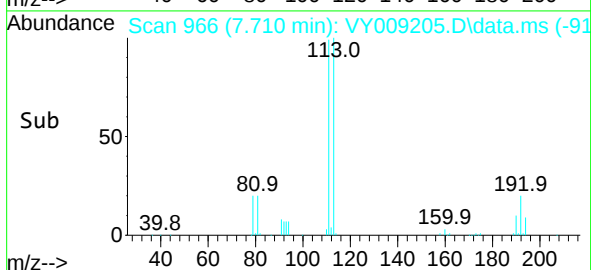
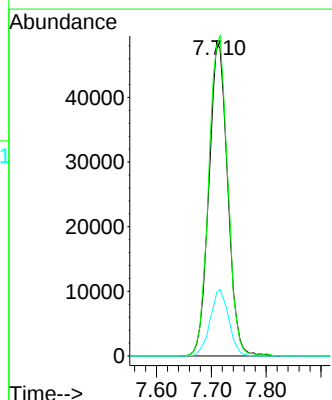
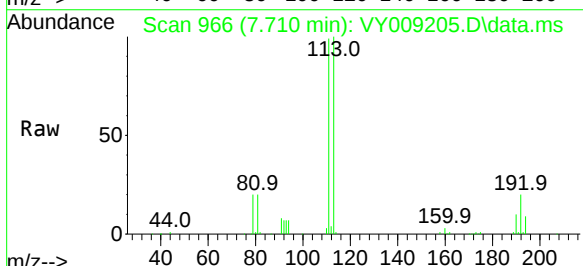
Tgt Ion:113 Resp: 115024

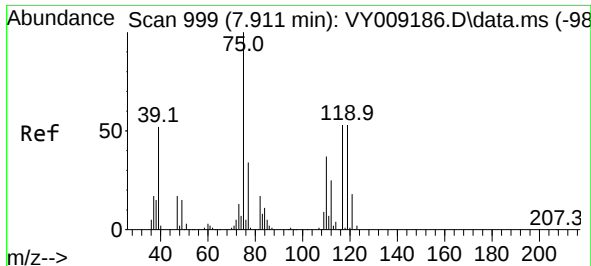
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.0 17.6 26.4

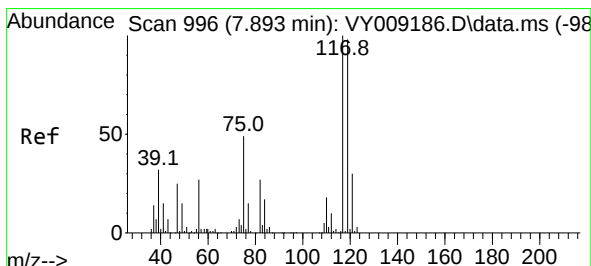
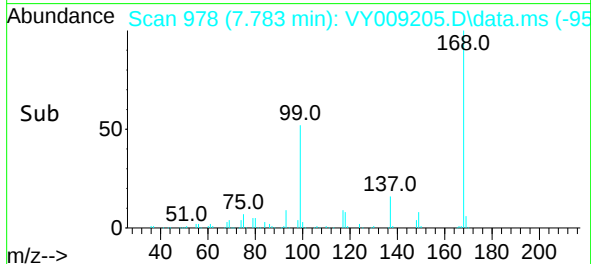
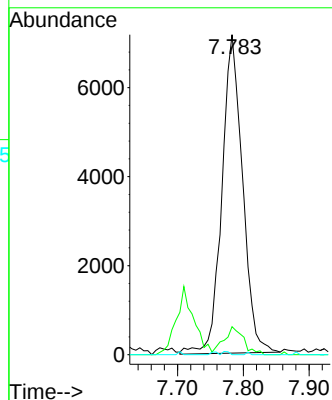
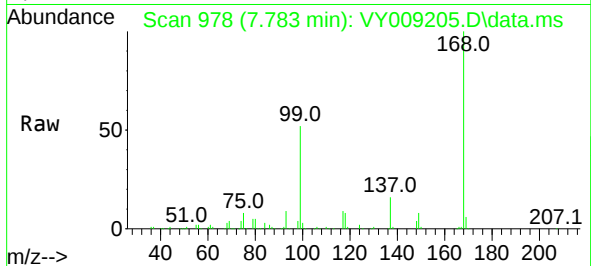




#36
1,1-Dichloropropene
Concen: 4.387 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

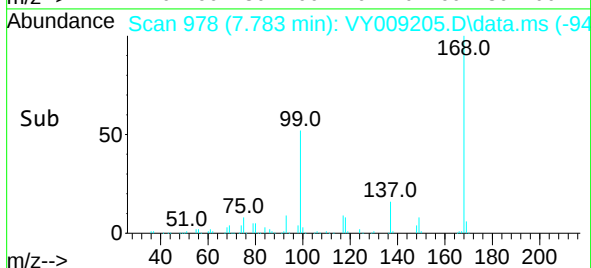
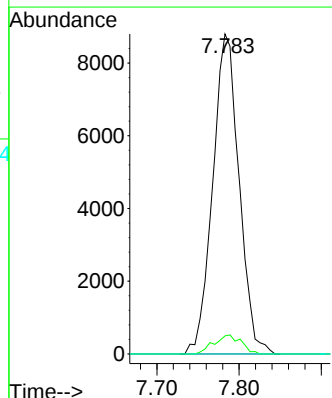
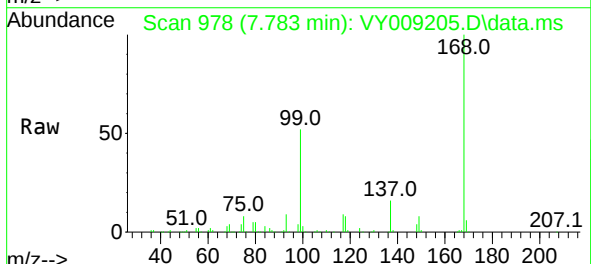
Instrument :
MSVOA_Y
ClientSampleId :

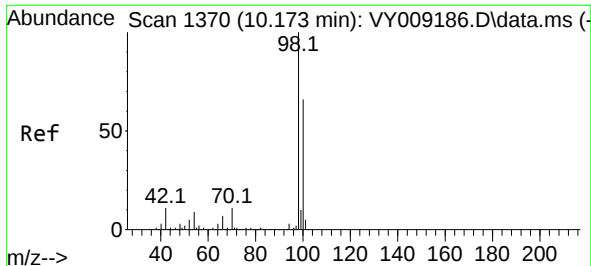
Tgt Ion: 75 Resp: 15682
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 117 Resp: 19592
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

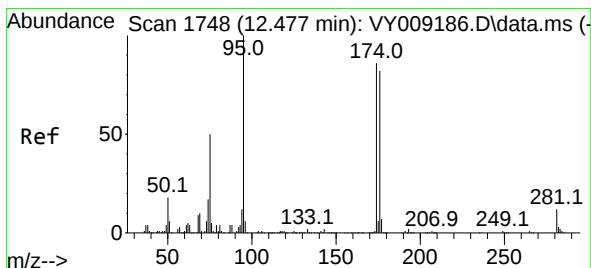
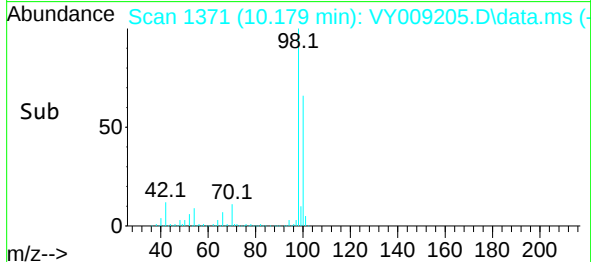
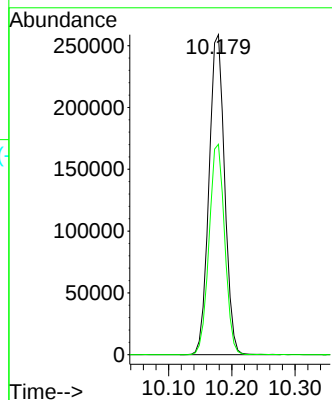
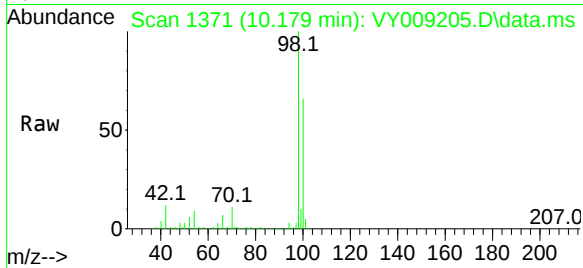




#50
Toluene-d8
Concen: 50.245 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

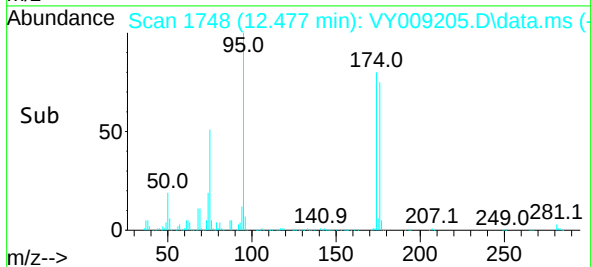
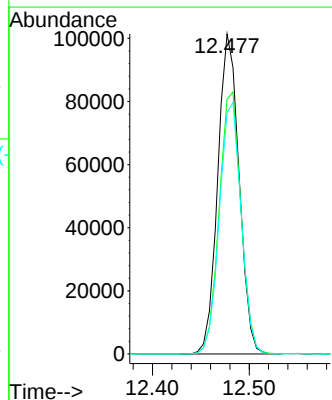
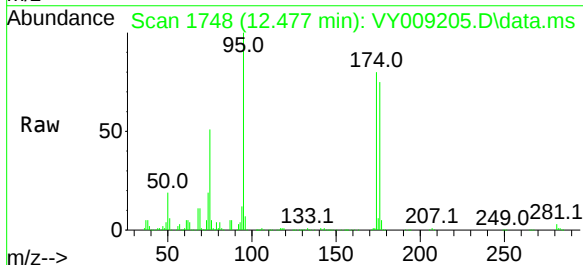
Instrument :
MSVOA_Y
ClientSampleId :

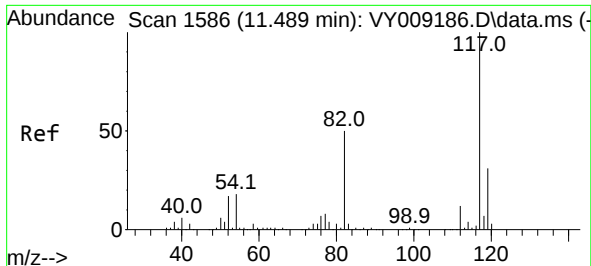
Tgt Ion: 98 Resp: 444418
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 95 Resp: 154689
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.4 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: VY009205.D

Acq: 16 Jun 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

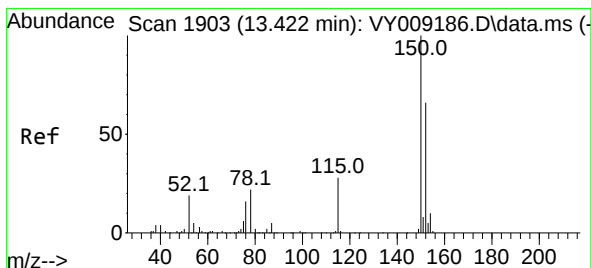
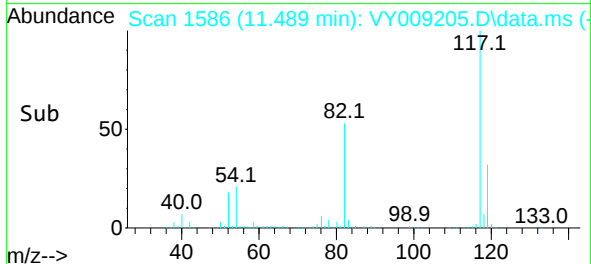
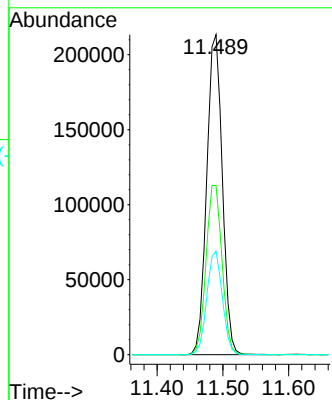
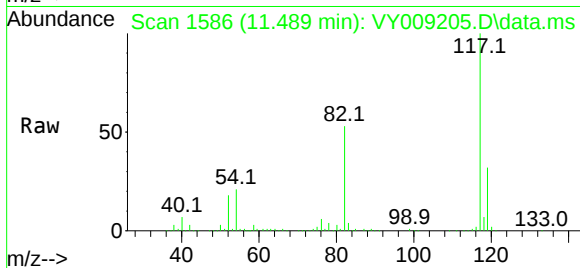
Tgt Ion:117 Resp: 352057

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009205.D

Acq: 16 Jun 2022 16:14

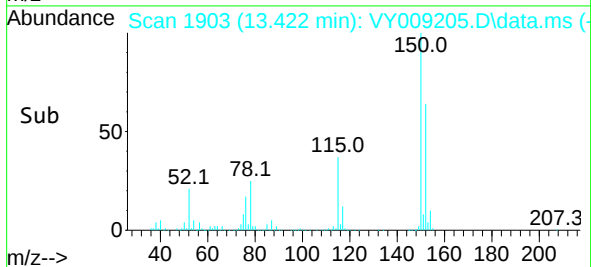
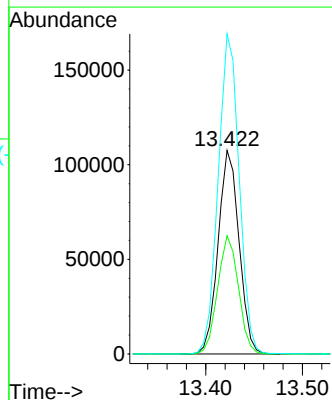
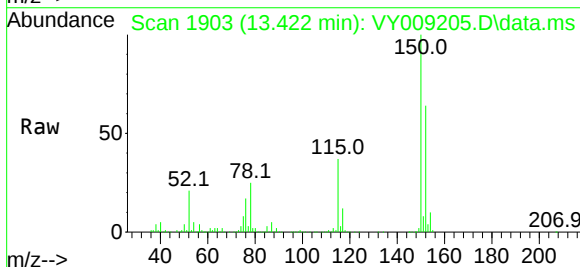
Tgt Ion:152 Resp: 161323

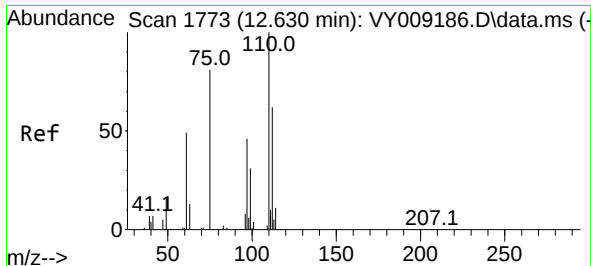
Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 158.0 0.0 347.6

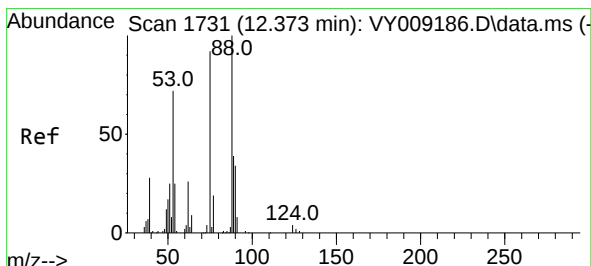
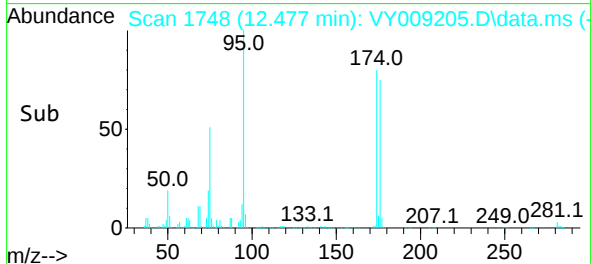
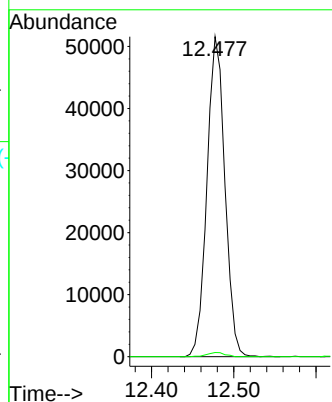
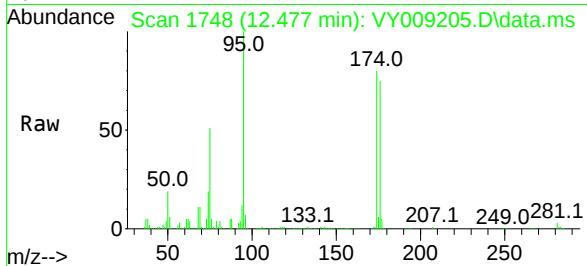




#76
1,2,3-Trichloropropane
Concen: 43.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 78127
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.408 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 75 Resp: 78127
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

