

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009299.D
 Acq On : 23 Jun 2022 17:07
 Operator : KP/MD
 Sample : N3462-04
 Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-0-2-20220622

Quant Time: Jun 24 09:23:58 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)

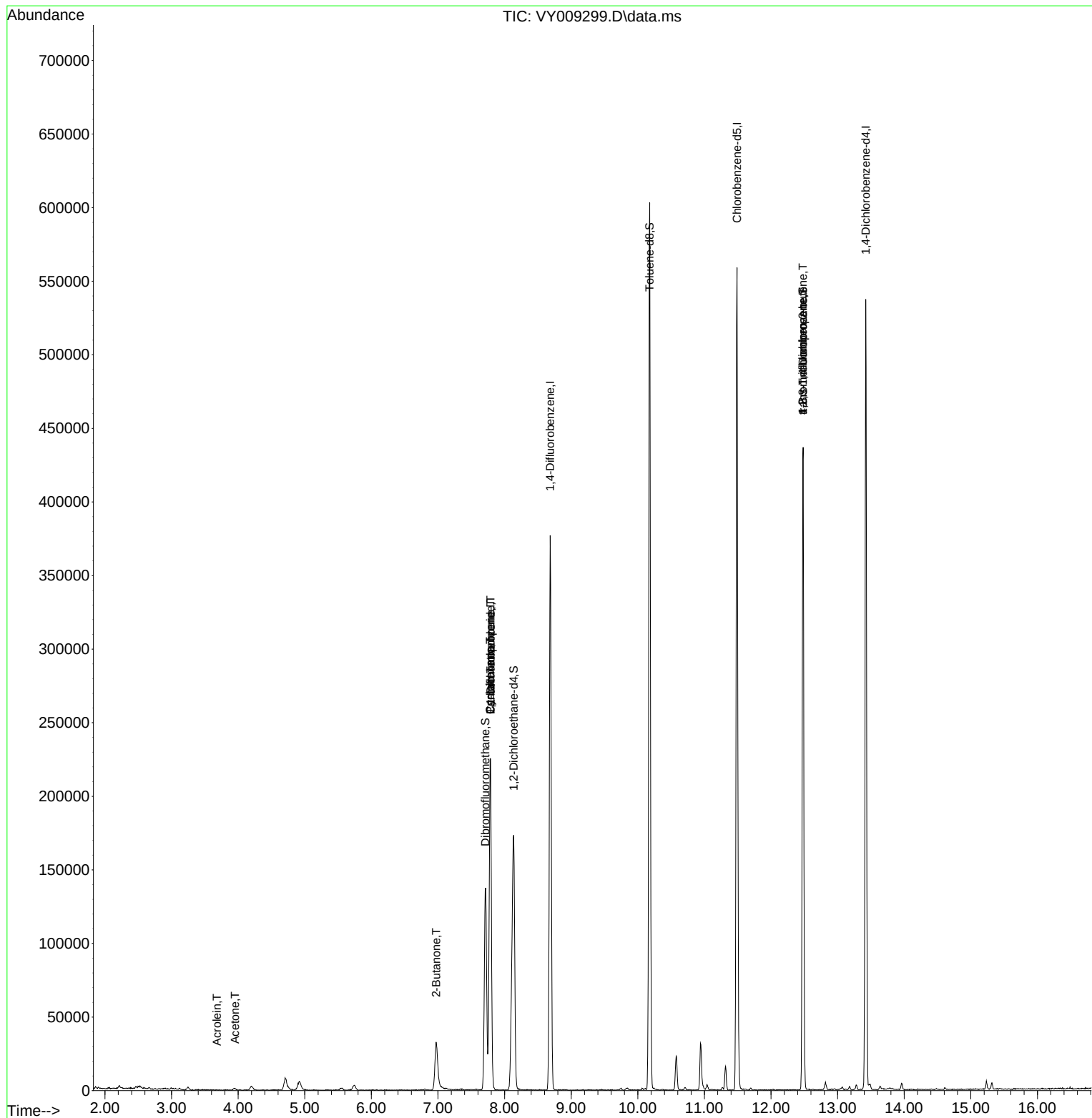
Internal Standards						
1) Pentafluorobenzene	7.789	168	181720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108830	54.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.710	113	97167	46.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.640%	
50) Toluene-d8	10.179	98	385199	48.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.620%	
62) 4-Bromofluorobenzene	12.477	95	127829	45.626	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	6214	Below Cal	#	77
13) Acrolein	3.680	56	23	30.306	ug/l #	14
16) Acetone	3.954	43	2027	4.111	ug/l #	75
18) Methyl Acetate	4.533	43	49	Below Cal	#	56
20) Methylene Chloride	4.704	84	5386	Below Cal	#	81
25) 2-Butanone	6.972	43	2001	2.513	ug/l #	84
31) Cyclohexane	7.783	56	3547	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13989	4.429	ug/l #	50
38) Carbon Tetrachloride	7.789	117	16754	5.101	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	66214	41.663	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66214	88.339	ug/l #	7

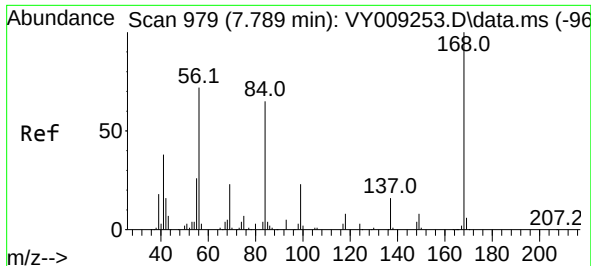
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
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SB-6-0-2-20220622

Quant Time: Jun 24 09:23:58 2022
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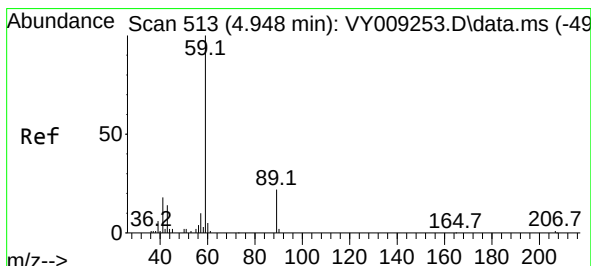
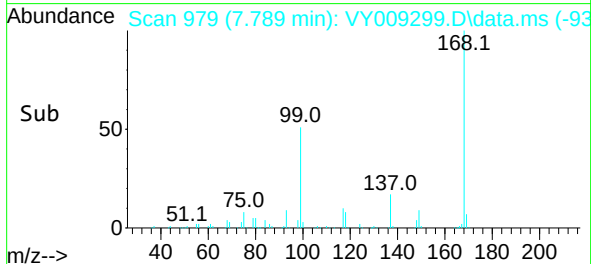
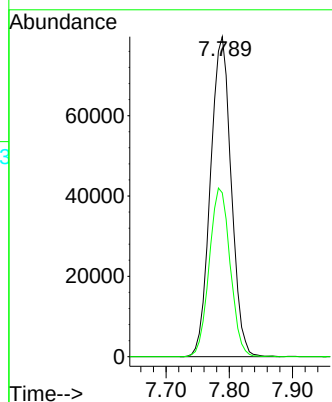
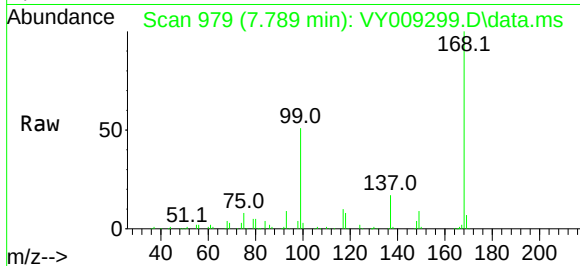




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

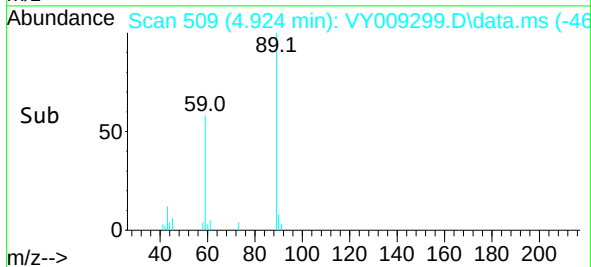
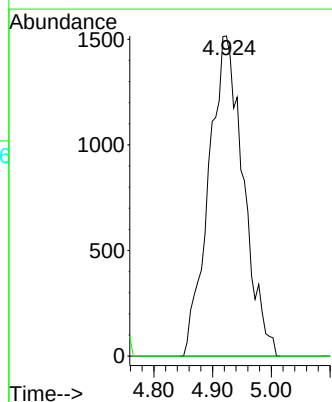
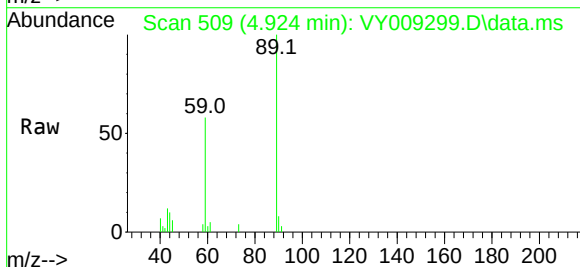
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-0-2-20220622

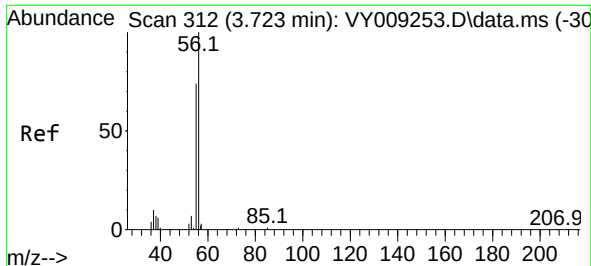
Tgt Ion:168 Resp: 181720
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 59 Resp: 6214
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

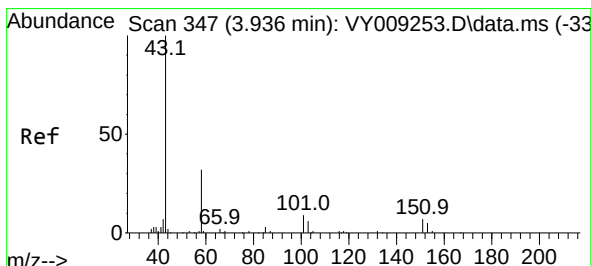
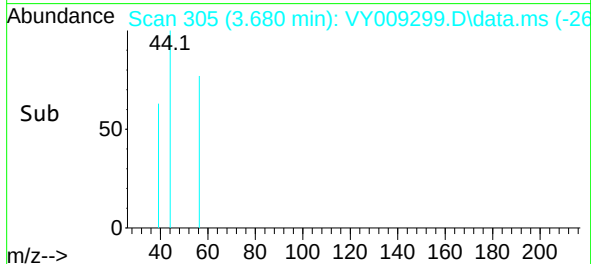
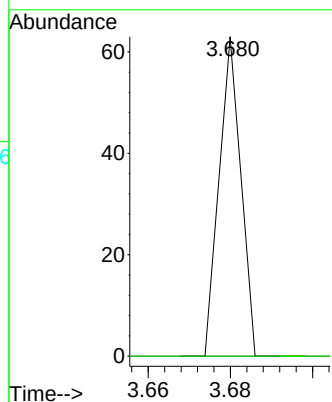
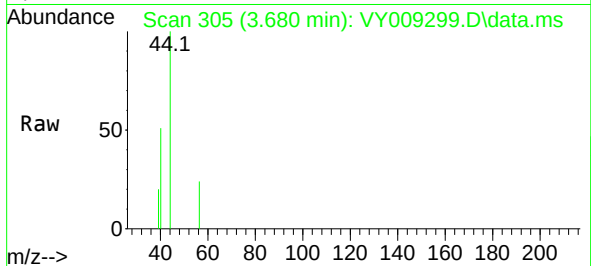




#13
Acrolein
Concen: 30.306 ug/l
RT: 3.680 min Scan# 305
Delta R.T. -0.043 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

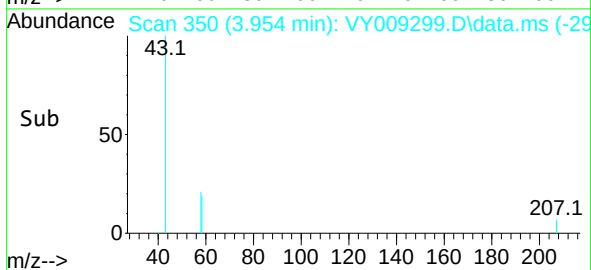
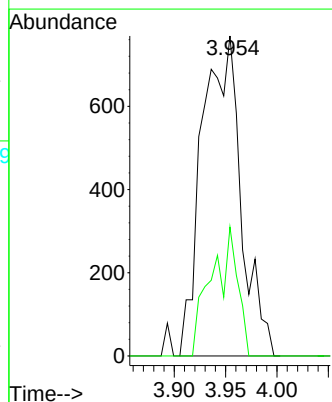
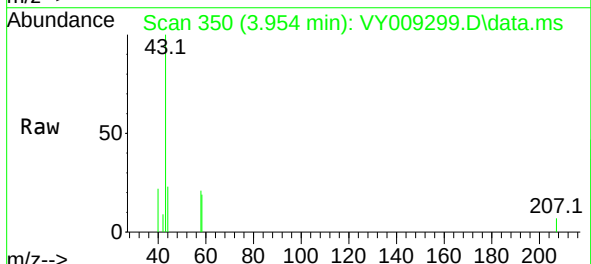
Instrument :
MSVOA_Y
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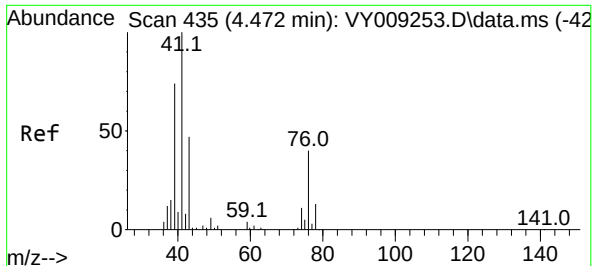
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 4.111 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 40.3 22.0 33.0#

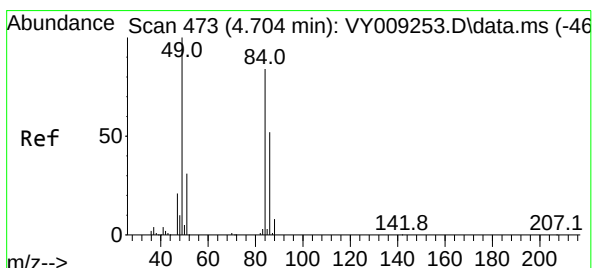
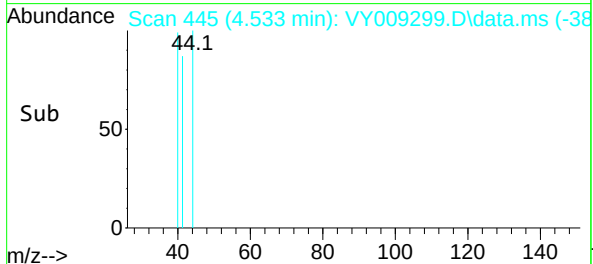
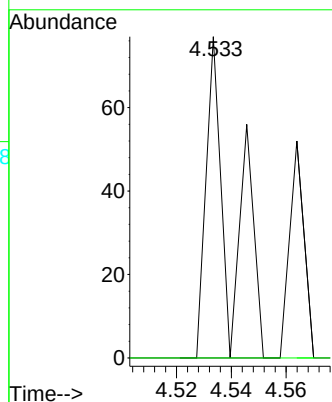
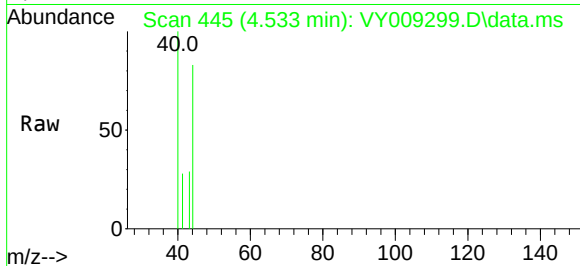




#18
Methyl Acetate
Concen: Below Cal
RT: 4.533 min Scan# 445
Delta R.T. 0.061 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

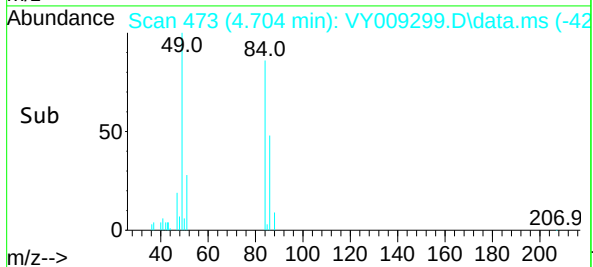
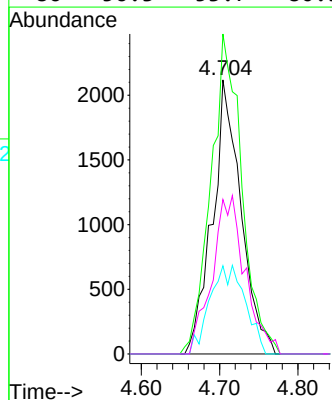
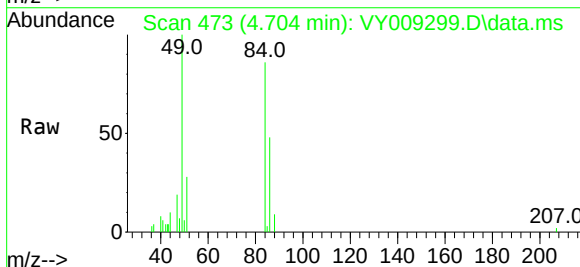
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-0-2-20220622

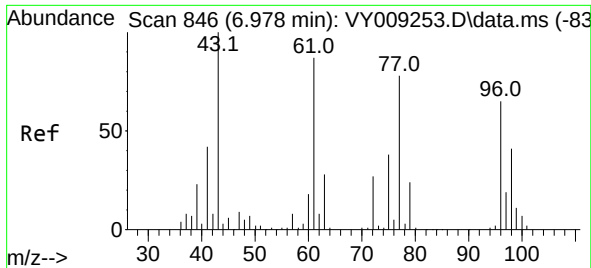
Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 84 Resp: 5386
Ion Ratio Lower Upper
84 100
49 116.8 114.4 171.6
51 32.2 35.3 52.9#
86 56.3 53.7 80.5

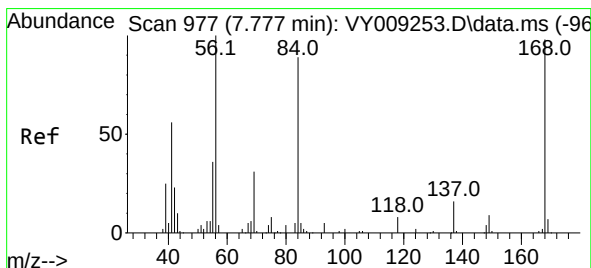
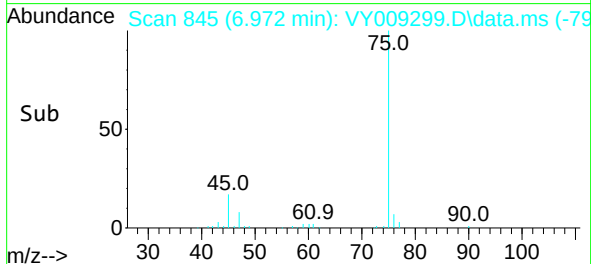
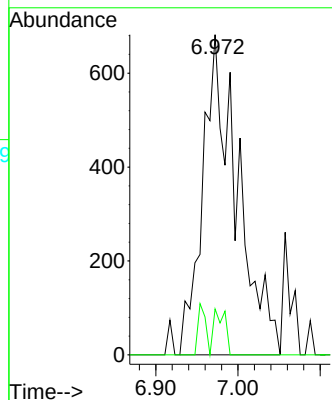
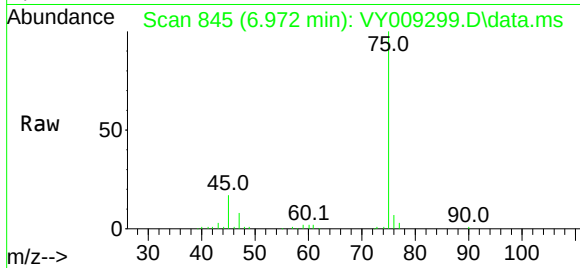




#25
2-Butanone
Concen: 2.513 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

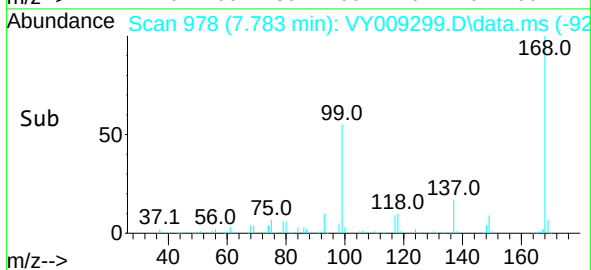
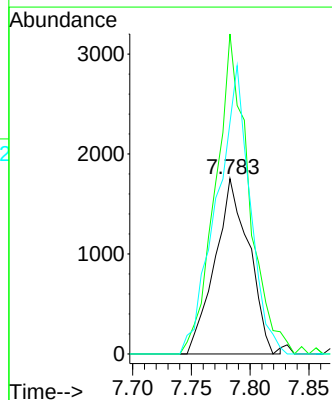
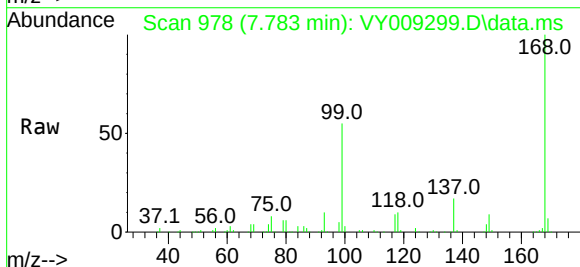
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-0-2-20220622

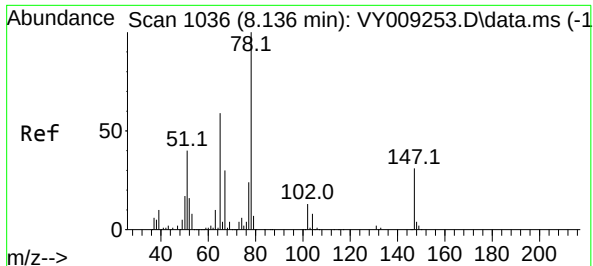
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
72 14.4 17.7 26.5#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 56 Resp: 3547
Ion Ratio Lower Upper
56 100
69 182.5 26.7 40.1#
84 132.0 67.2 100.8#

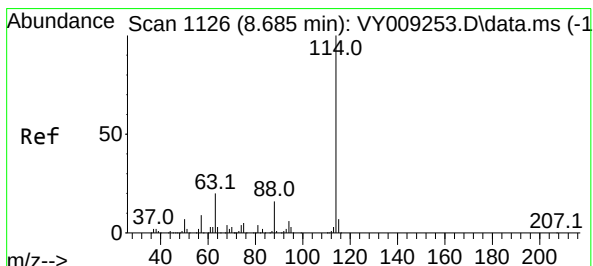
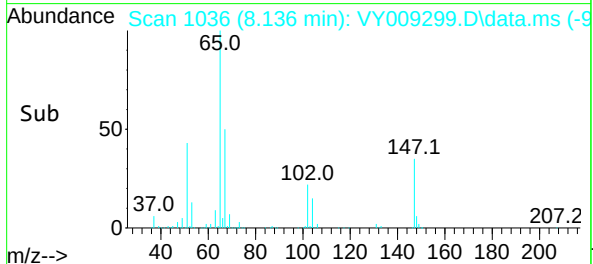
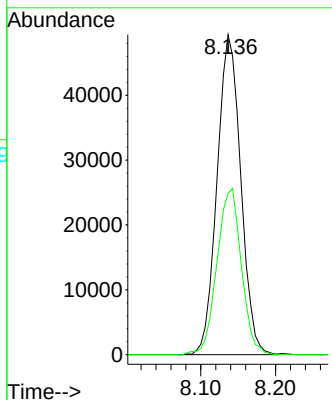
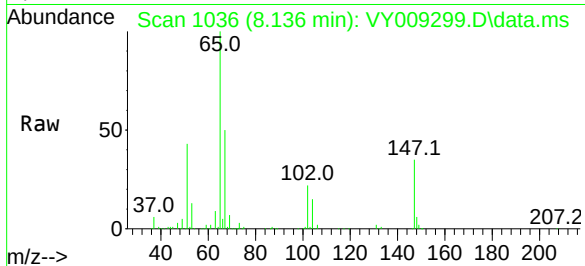




#33
 1,2-Dichloroethane-d4
 Concen: 54.530 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009299.D
 Acq: 23 Jun 2022 17:07

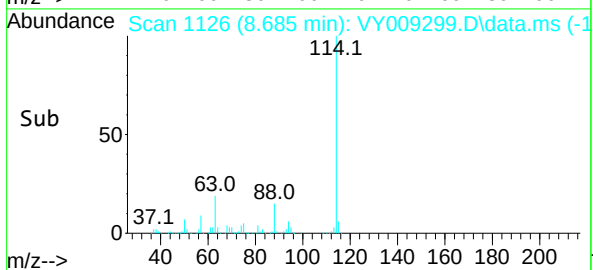
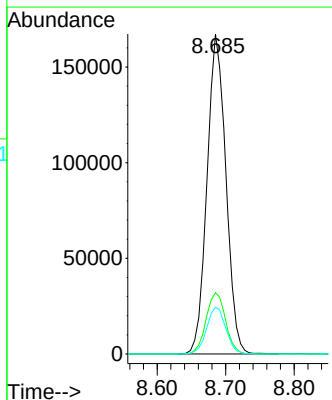
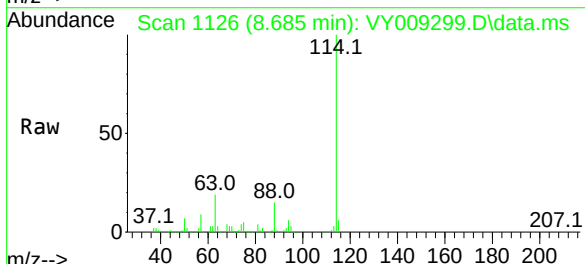
Instrument :
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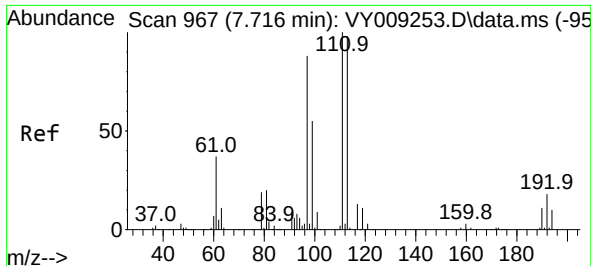
Tgt Ion: 65 Resp: 108830
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009299.D
 Acq: 23 Jun 2022 17:07

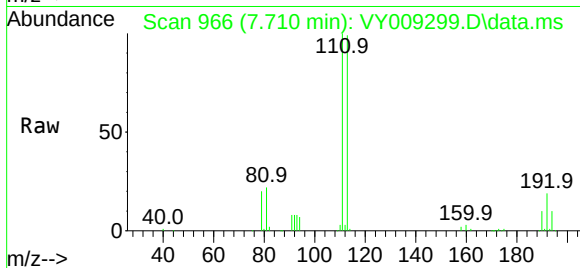
Tgt Ion: 114 Resp: 320482
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 14.6 0.0 31.8



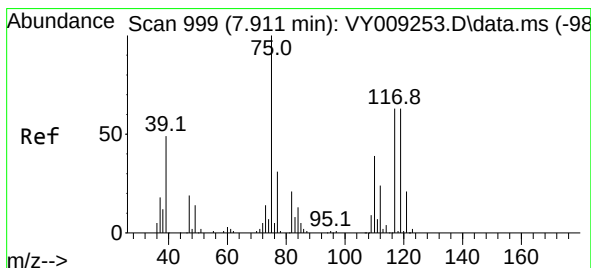
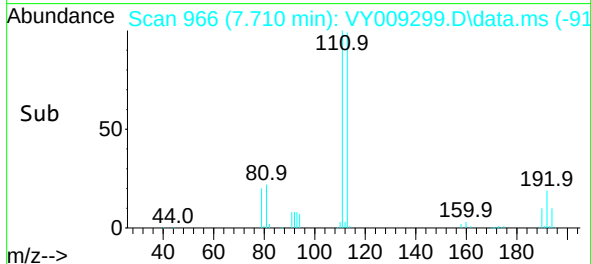
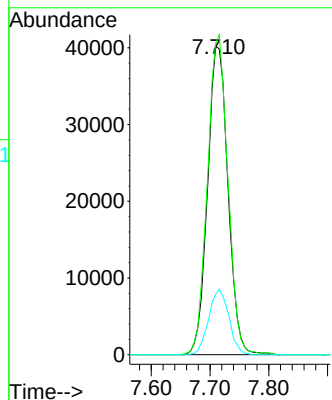


#35
Dibromofluoromethane
Concen: 46.816 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Instrument :
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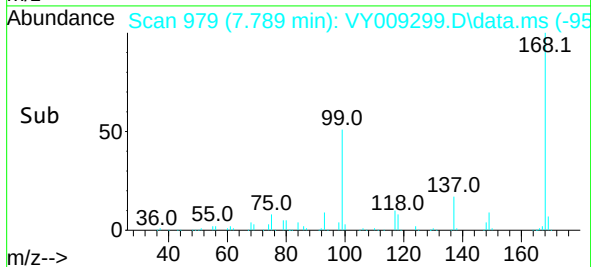
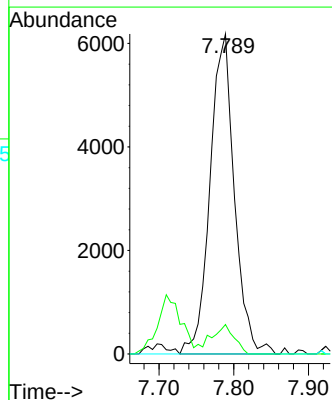
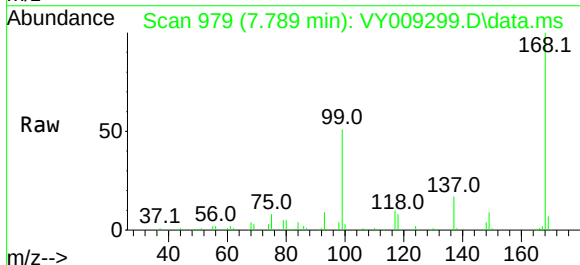


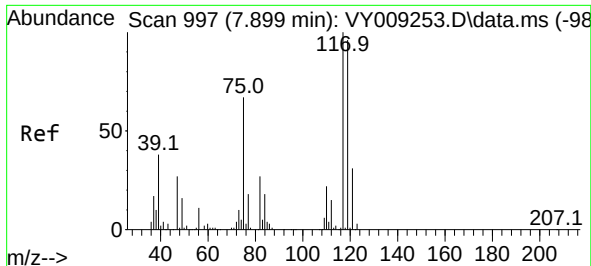
Tgt Ion:113 Resp: 97167
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 75 Resp: 13989
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

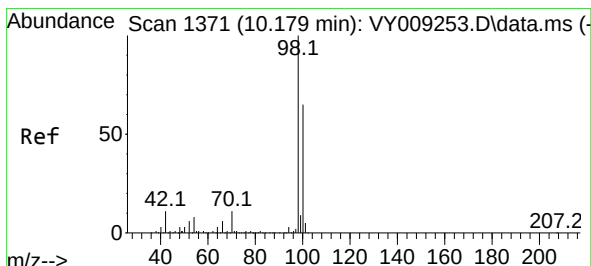
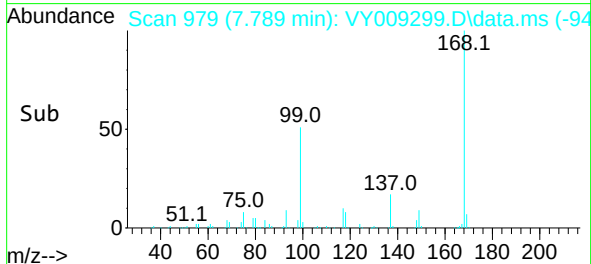
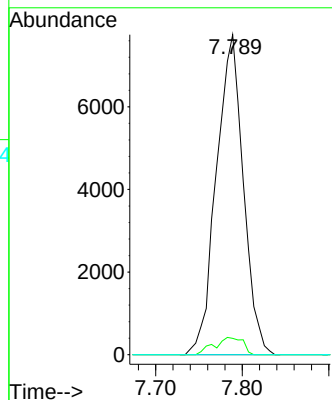
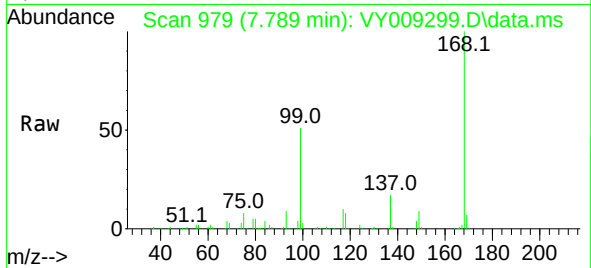




#38
Carbon Tetrachloride
Concen: 5.101 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

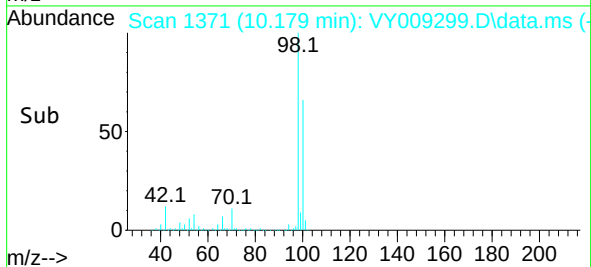
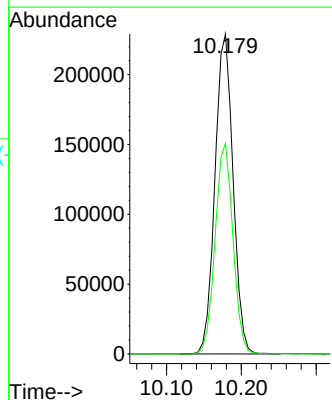
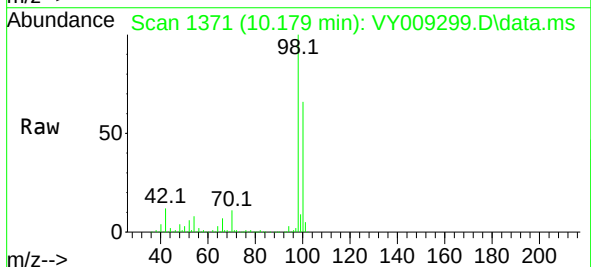
Instrument :
MSVOA_Y
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SB-6-0-2-20220622

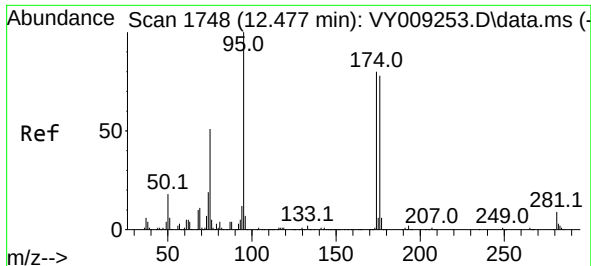
Tgt Ion:117 Resp: 16754
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.313 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 98 Resp: 385199
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

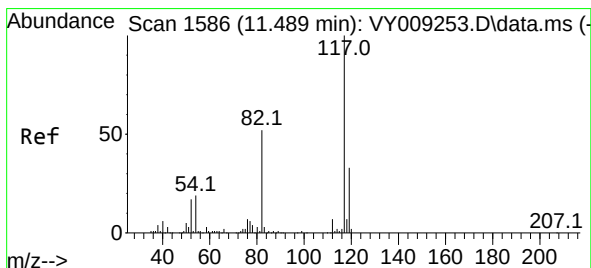
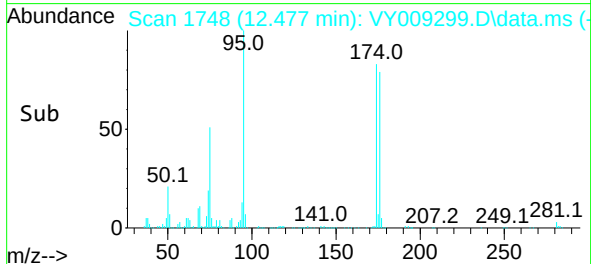
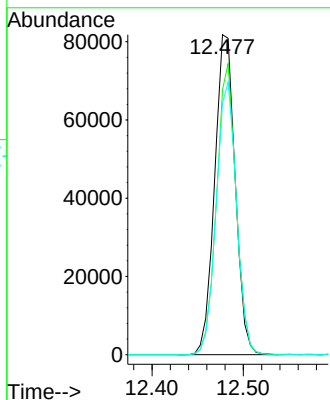
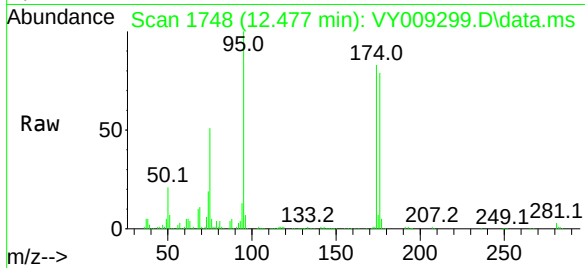




#62
4-Bromofluorobenzene
Concen: 45.626 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

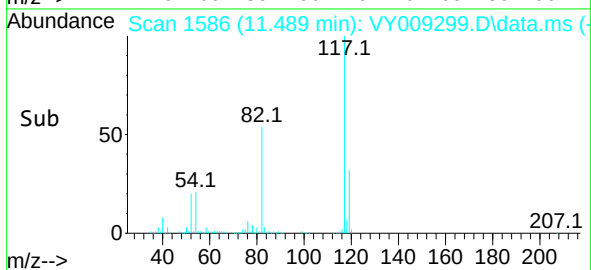
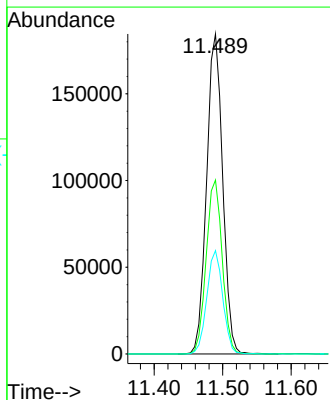
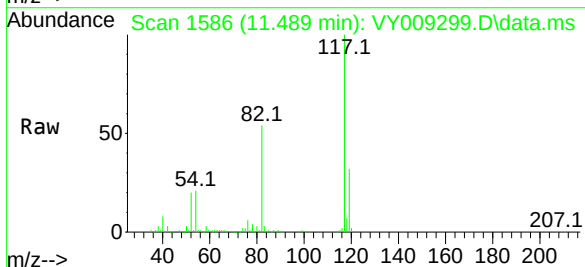
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-0-2-20220622

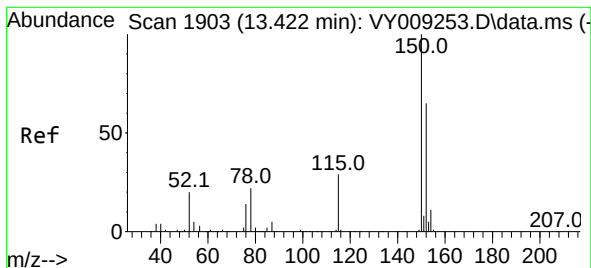
Tgt Ion: 95 Resp: 127829
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009299.D
Acq: 23 Jun 2022 17:07

Tgt Ion: 117 Resp: 300774
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.3 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: VY009299.D

Acq: 23 Jun 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-0-2-20220622

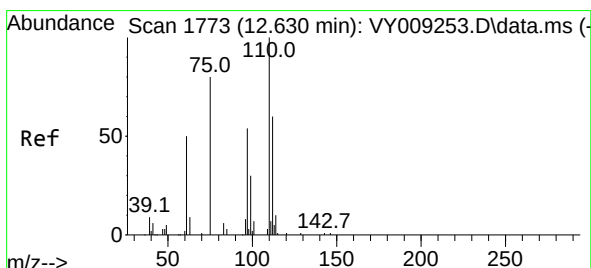
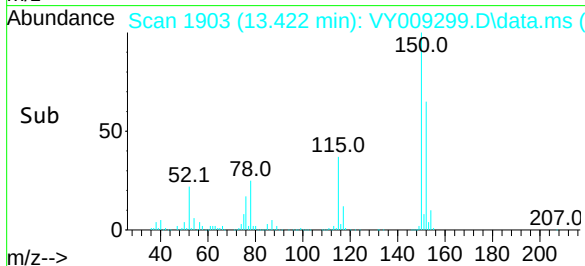
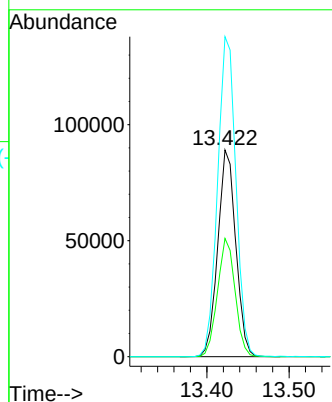
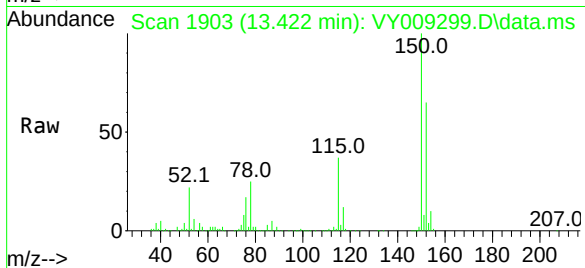
Tgt Ion:152 Resp: 135558

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 157.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.663 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009299.D

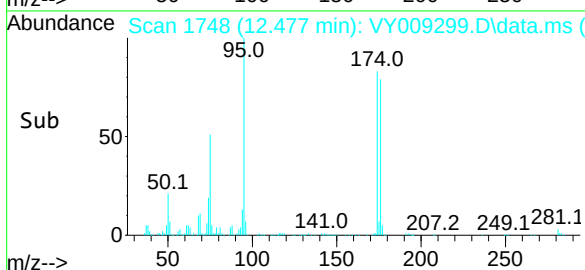
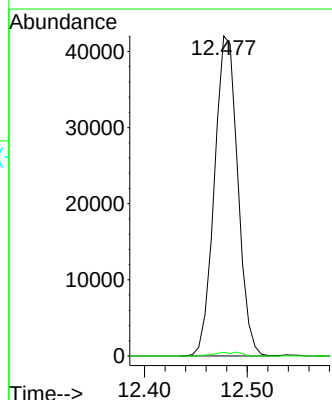
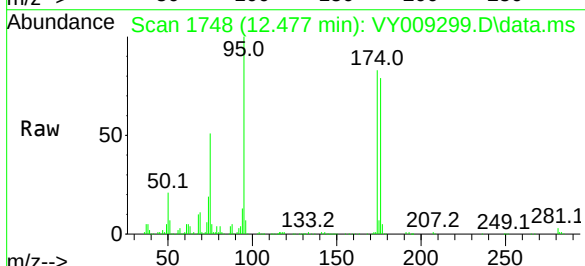
Acq: 23 Jun 2022 17:07

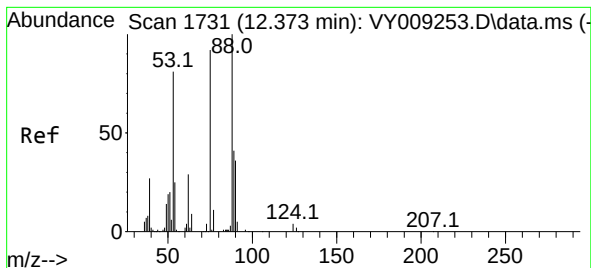
Tgt Ion: 75 Resp: 66214

Ion Ratio Lower Upper

75 100

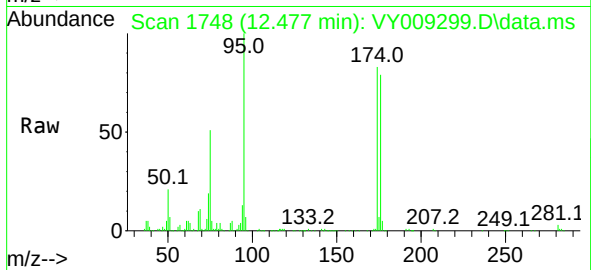
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.339 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009299.D
 Acq: 23 Jun 2022 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-0-2-20220622



Tgt Ion: 75 Resp: 66214
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

