

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009300.D
 Acq On : 23 Jun 2022 17:31
 Operator : KP/MD
 Sample : N3462-05
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-4-6-20220622

Quant Time: Jun 24 09:24:08 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)

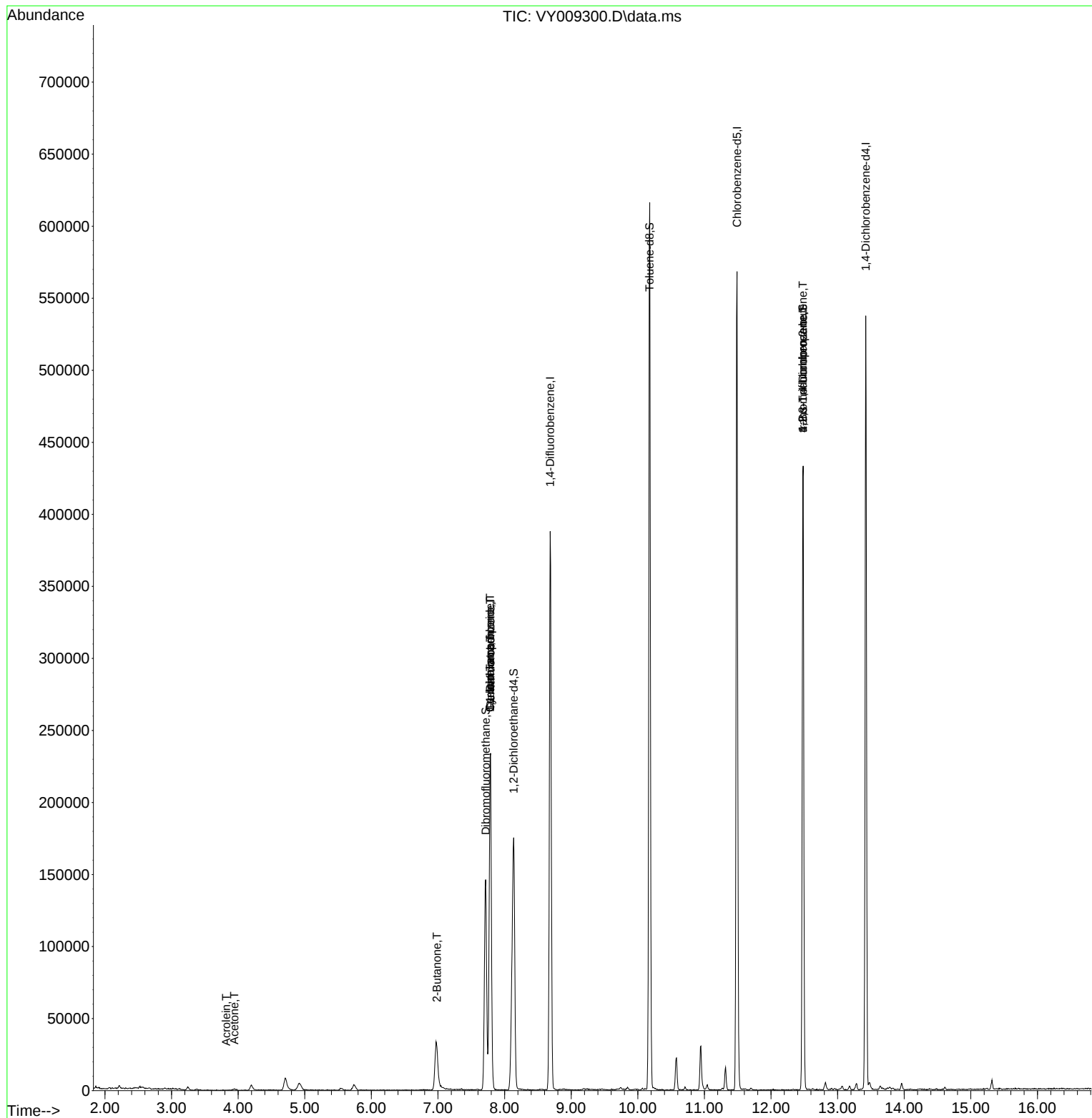
Internal Standards						
1) Pentafluorobenzene	7.789	168	184969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113596	55.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.716	113	100996	47.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.179	98	386535	47.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.477	95	127502	44.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.580%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.923	59	3259	Below Cal	#	83
13) Acrolein	3.820	56	23	30.302	ug/l #	14
16) Acetone	3.942	43	1651	3.289	ug/l #	85
18) Methyl Acetate	4.454	43	64	Below Cal	#	56
20) Methylene Chloride	4.704	84	5439	Below Cal		92
25) 2-Butanone	6.984	43	2380	2.936	ug/l #	88
31) Cyclohexane	7.783	56	3831	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14458	4.455	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17913	5.308	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	66805	42.692	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66805	90.521	ug/l #	7

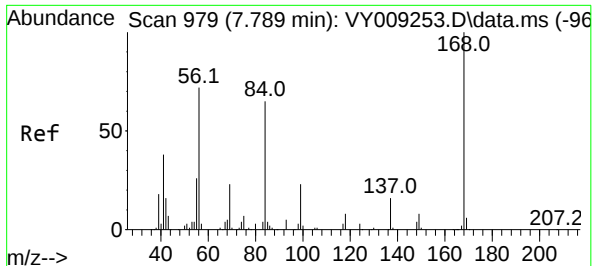
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
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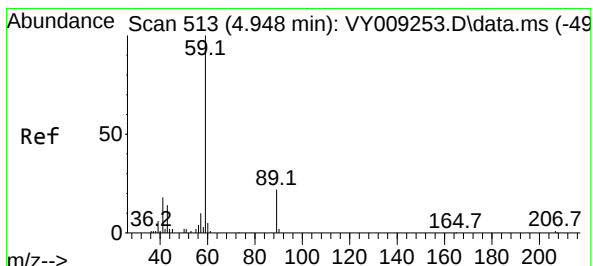
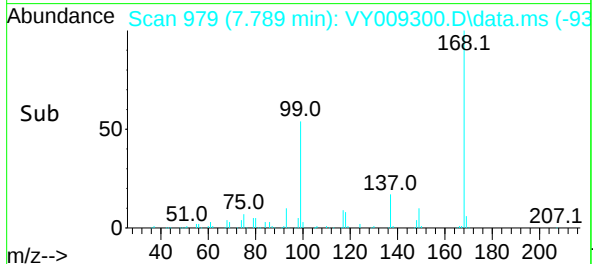
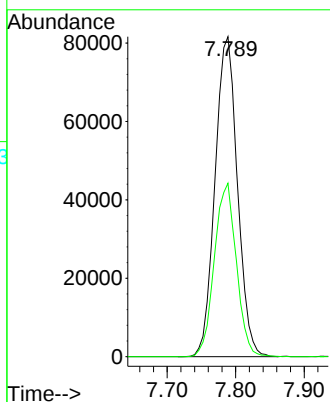
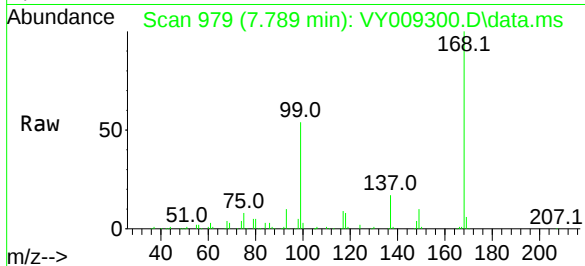




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

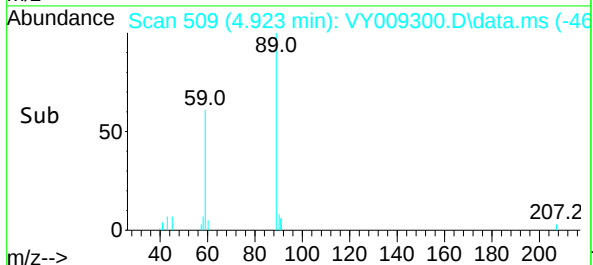
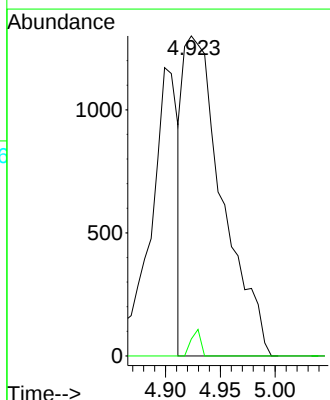
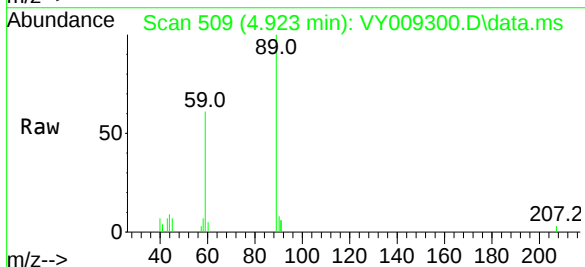
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

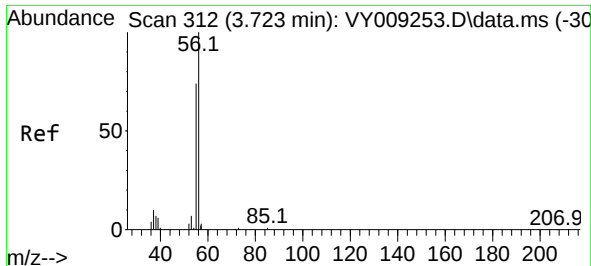
Tgt Ion:168 Resp: 184969
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 59 Resp: 3259
Ion Ratio Lower Upper
59 100
57 2.0 6.4 9.6#

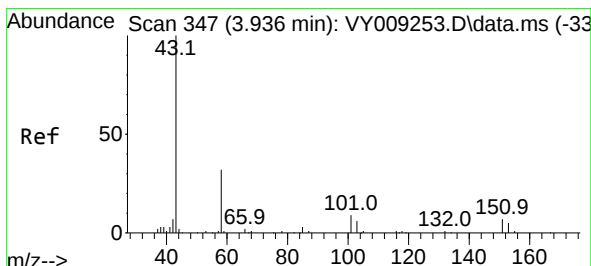
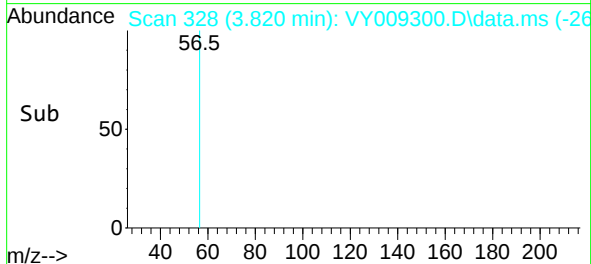
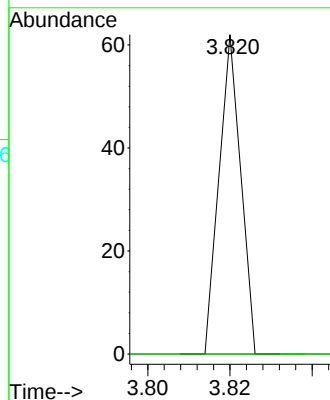
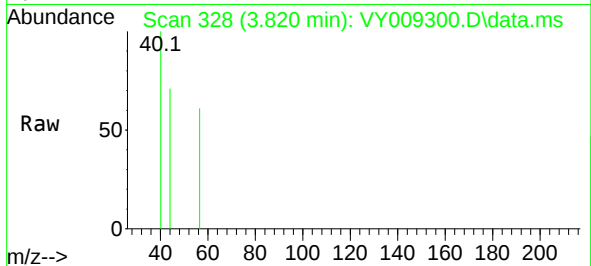




#13
Acrolein
Concen: 30.302 ug/l
RT: 3.820 min Scan# 312
Delta R.T. 0.097 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

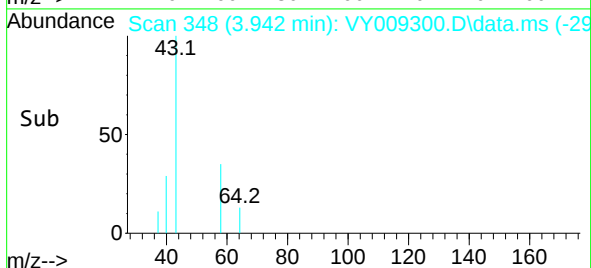
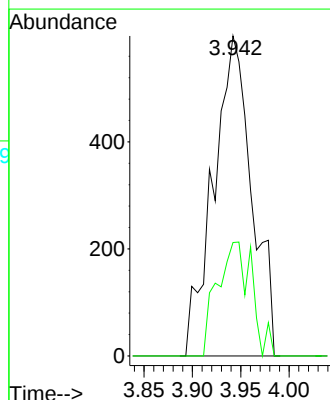
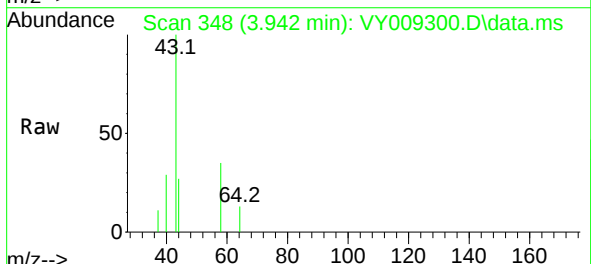
Instrument :
MSVOA_Y
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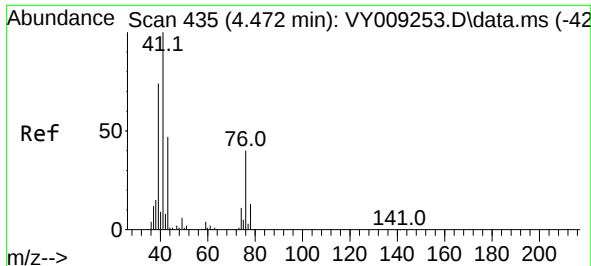
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 3.289 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

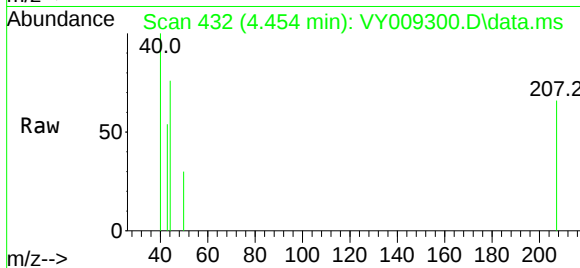
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#



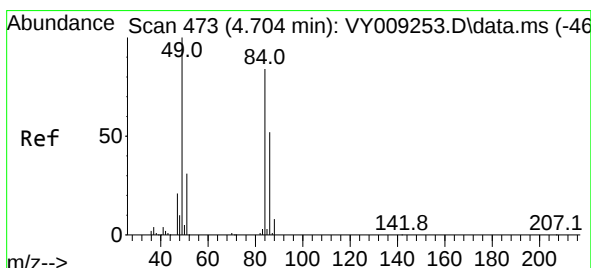
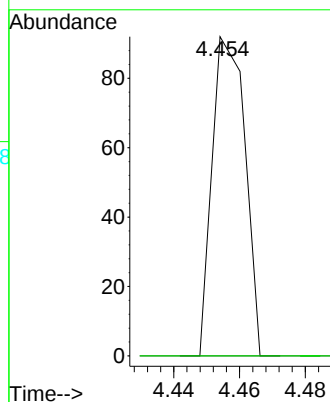
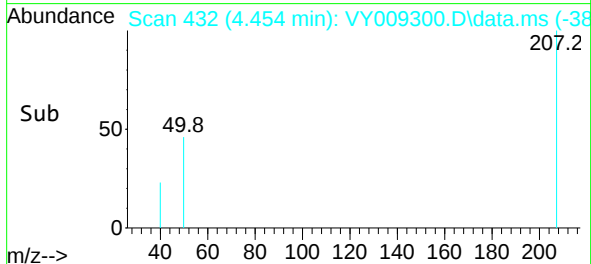


#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

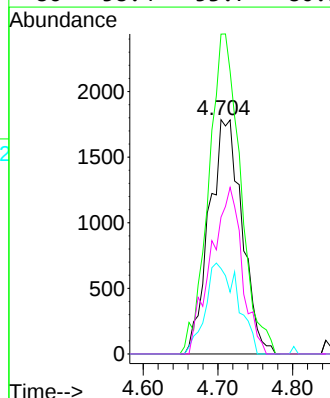
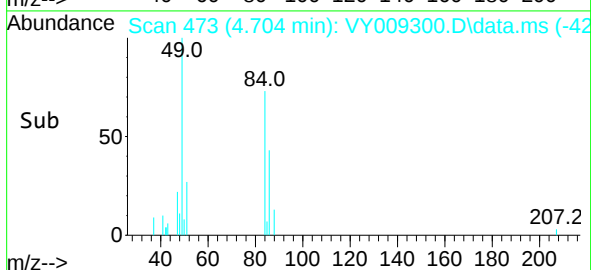
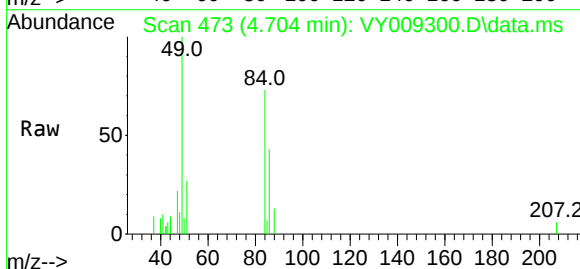


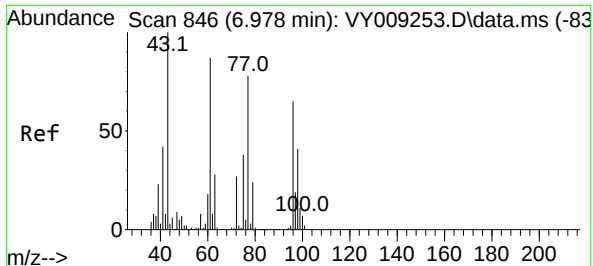
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 84 Resp: 5439
Ion Ratio Lower Upper
84 100
49 136.6 114.4 171.6
51 36.5 35.3 52.9
86 58.4 53.7 80.5

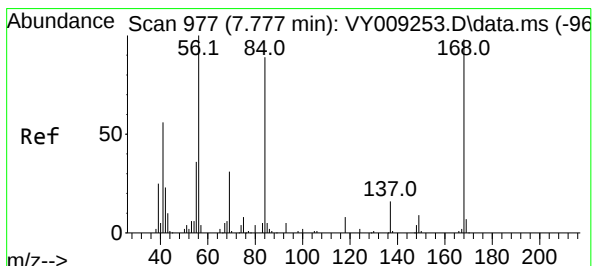
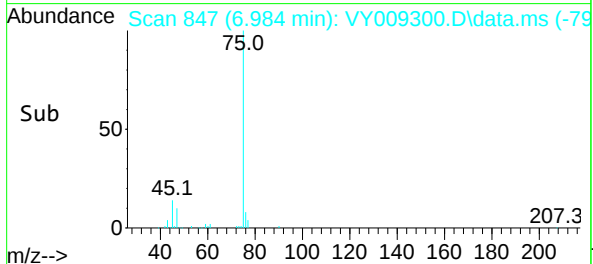
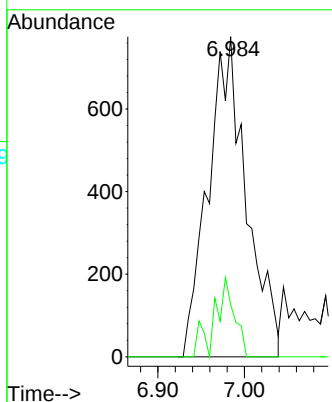
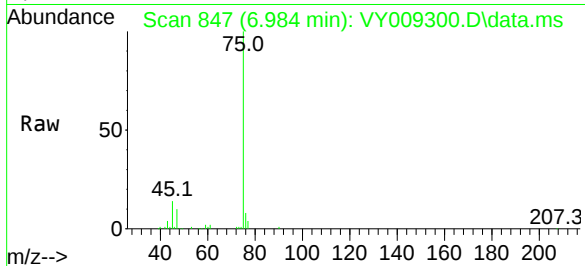




#25
2-Butanone
Concen: 2.936 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

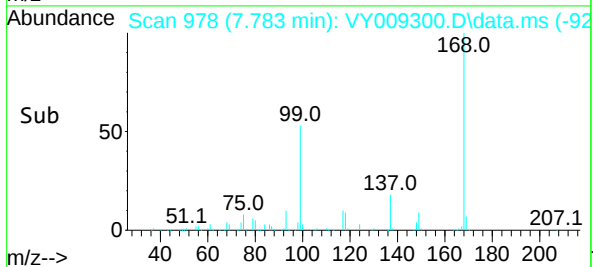
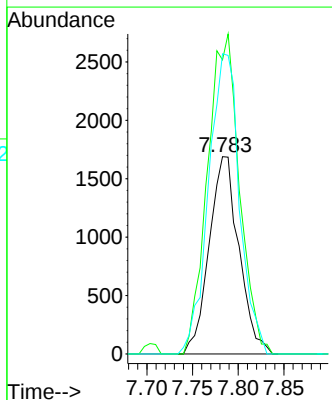
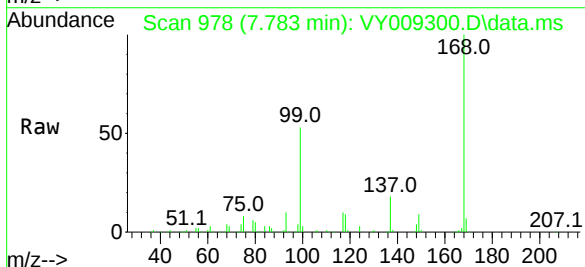
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

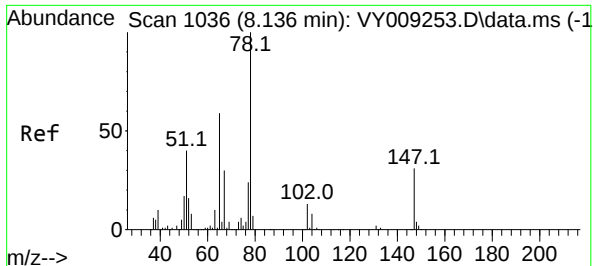
Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
72 16.3 17.7 26.5#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 56 Resp: 3831
Ion Ratio Lower Upper
56 100
69 149.0 26.7 40.1#
84 152.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.919 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009300.D

Acq: 23 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

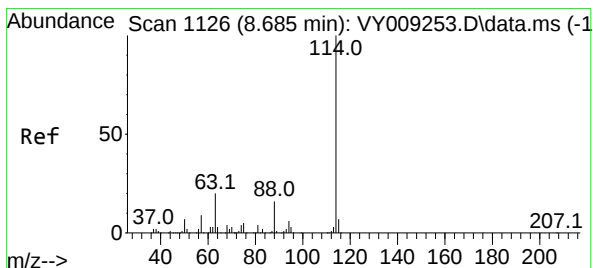
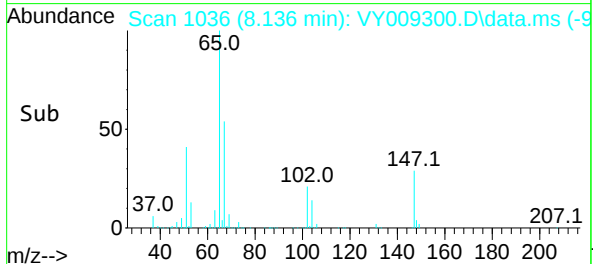
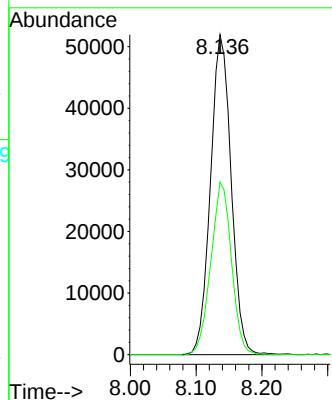
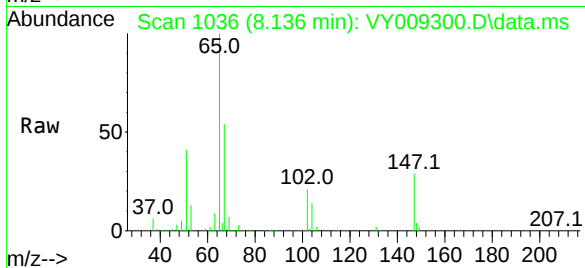
SB-6-4-6-20220622

Tgt Ion: 65 Resp: 113596

Ion Ratio Lower Upper

65 100

67 53.8 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: VY009300.D

Acq: 23 Jun 2022 17:31

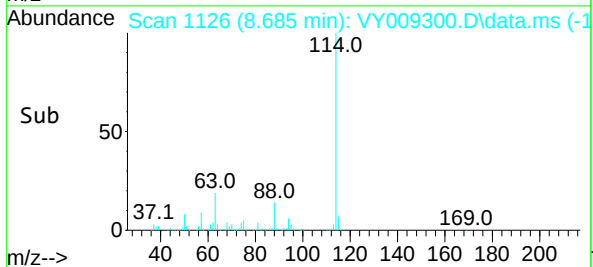
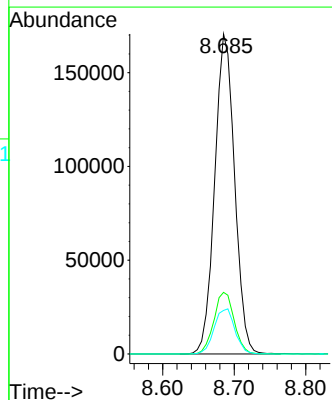
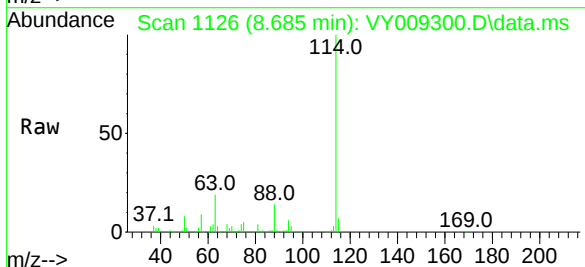
Tgt Ion: 114 Resp: 329277

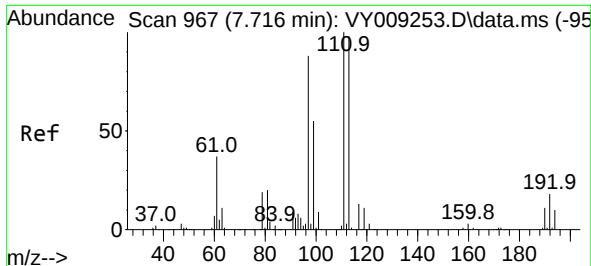
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

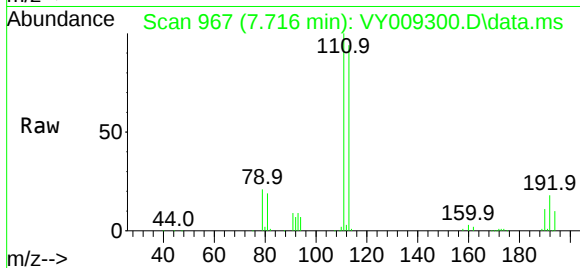
88 13.6 0.0 31.8



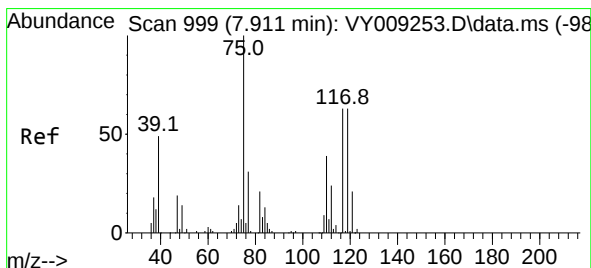
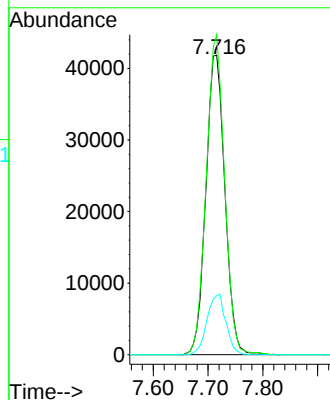
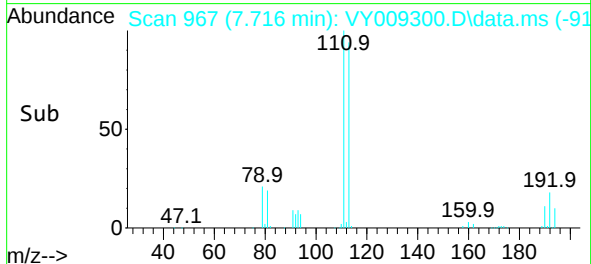


#35
Dibromofluoromethane
Concen: 47.361 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Instrument :
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SB-6-4-6-20220622

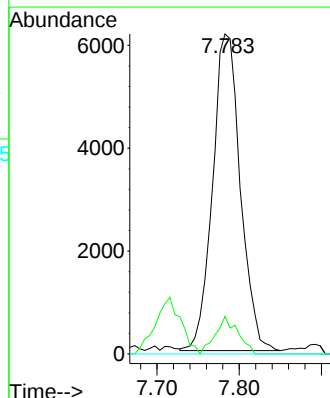
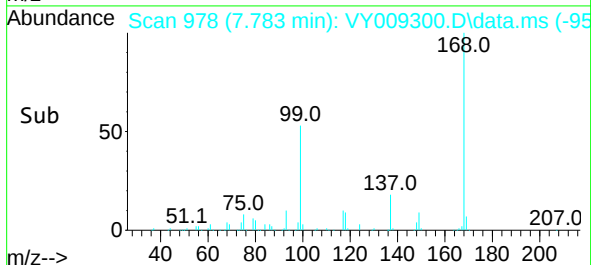
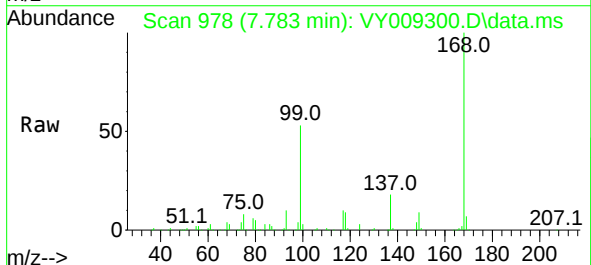


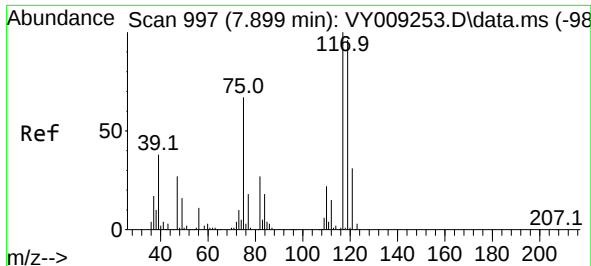
Tgt Ion:113 Resp: 100996
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 75 Resp: 14458
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

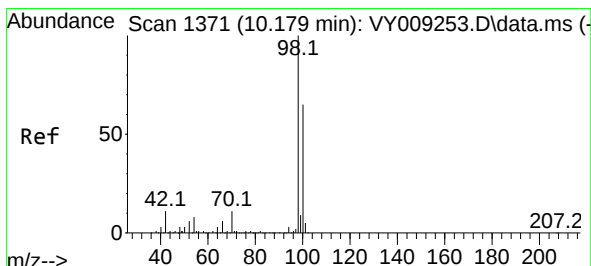
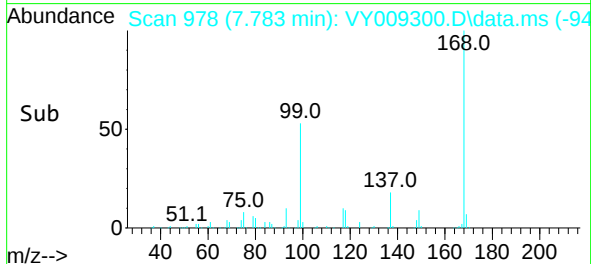
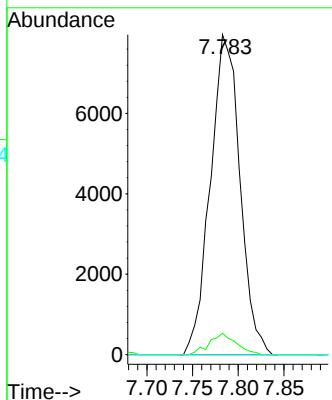
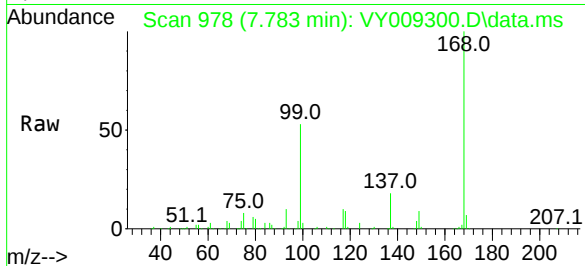




#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

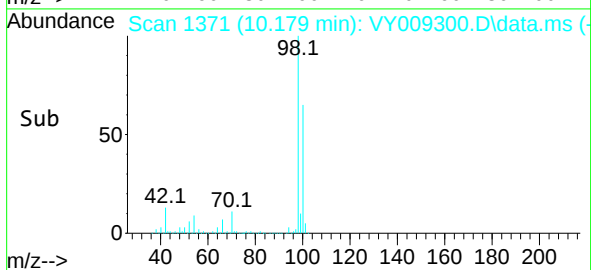
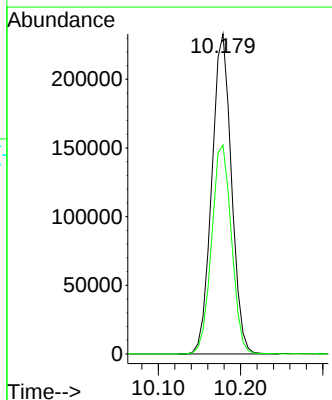
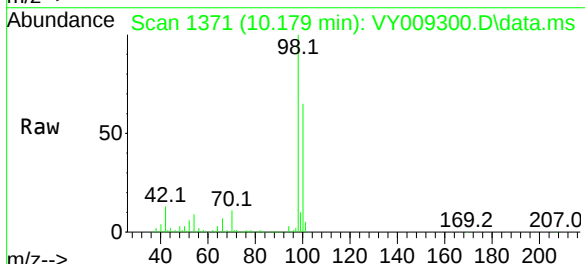
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

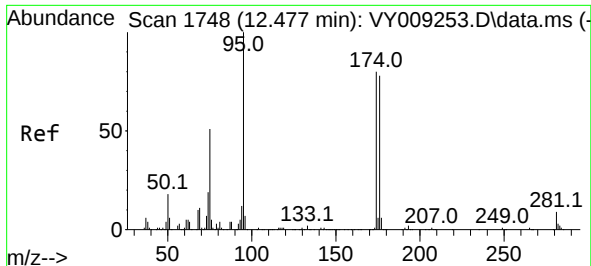
Tgt Ion:117 Resp: 17913
Ion Ratio Lower Upper
117 100
119 6.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.185 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 98 Resp: 386535
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

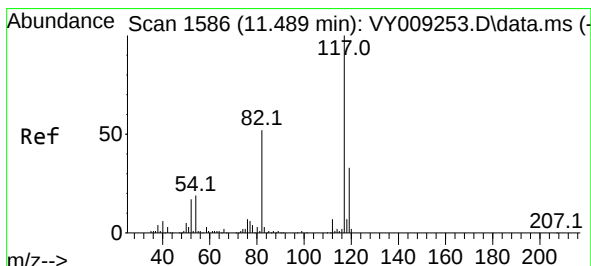
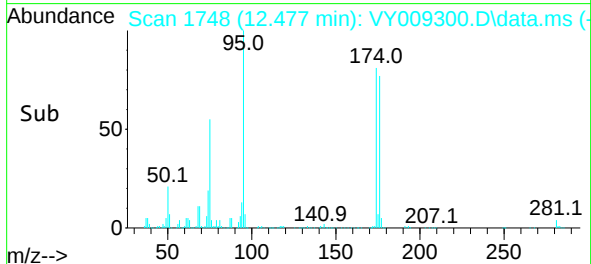
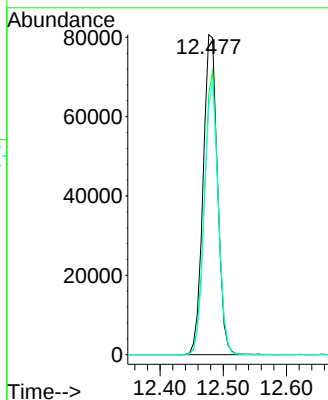
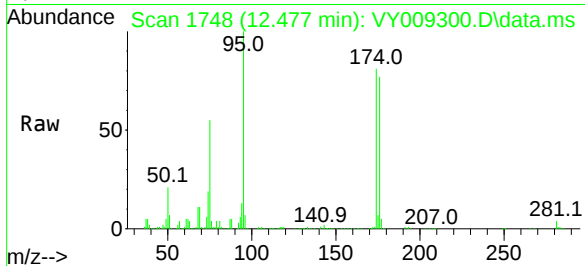




#62
4-Bromofluorobenzene
Concen: 44.294 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

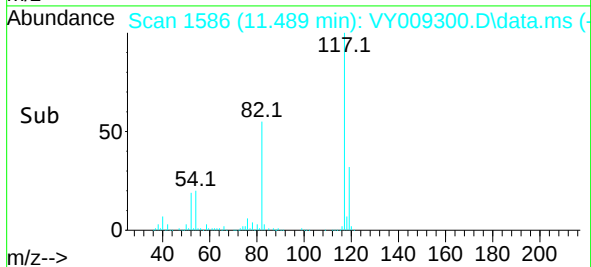
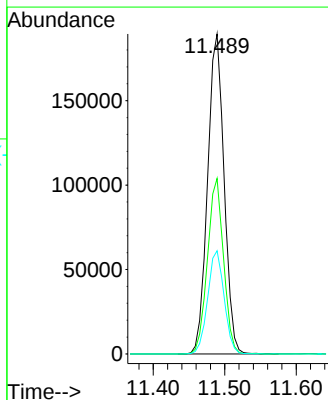
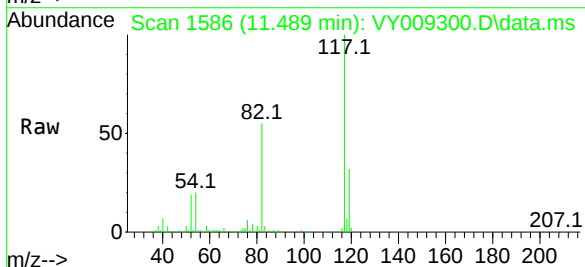
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

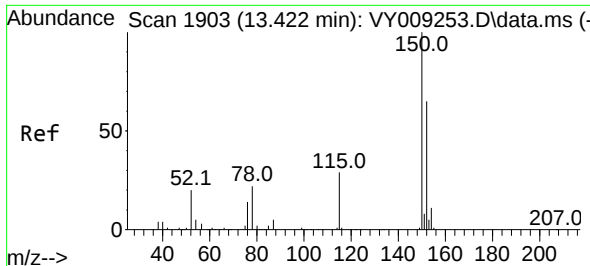
Tgt Ion: 95 Resp: 127502
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 117 Resp: 303431
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.2 25.4 38.0

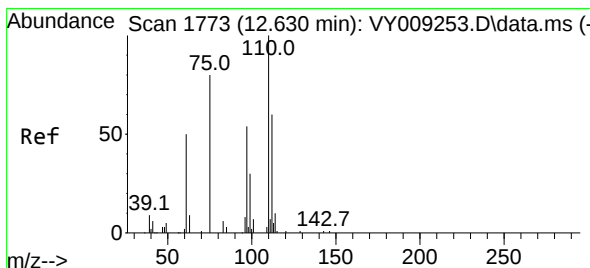
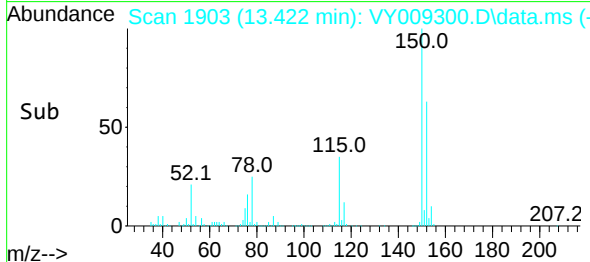
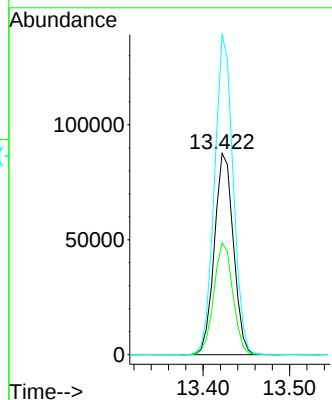
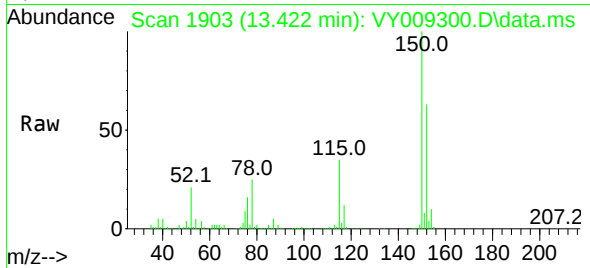




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009300.D
 Acq: 23 Jun 2022 17:31

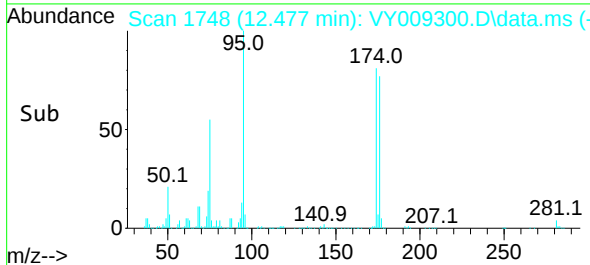
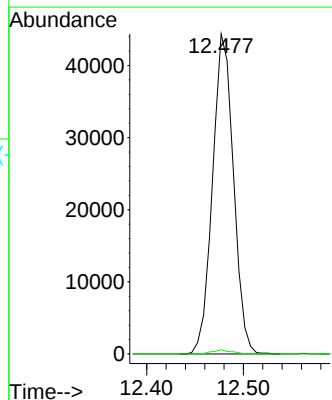
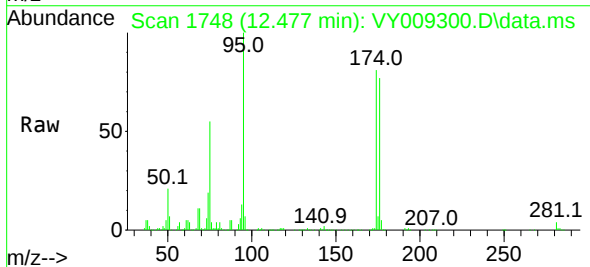
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-4-6-20220622

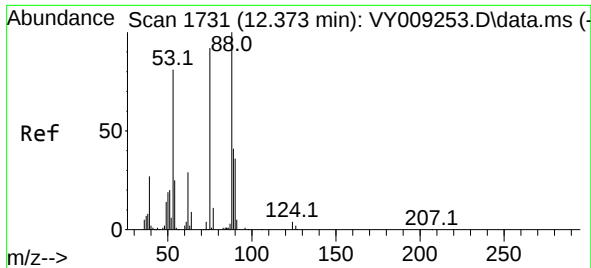
Tgt Ion:152 Resp: 133471
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.692 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009300.D
 Acq: 23 Jun 2022 17:31

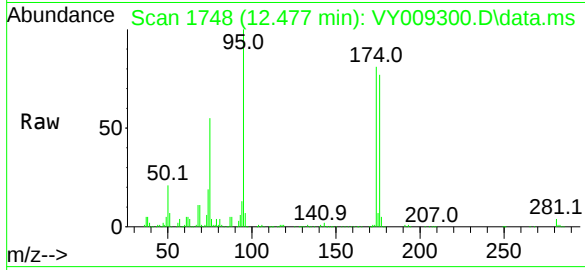
Tgt Ion: 75 Resp: 66805
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.521 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009300.D
 Acq: 23 Jun 2022 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-4-6-20220622



Tgt Ion: 75 Resp: 66805
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

