

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 17:52
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 08 18:33:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

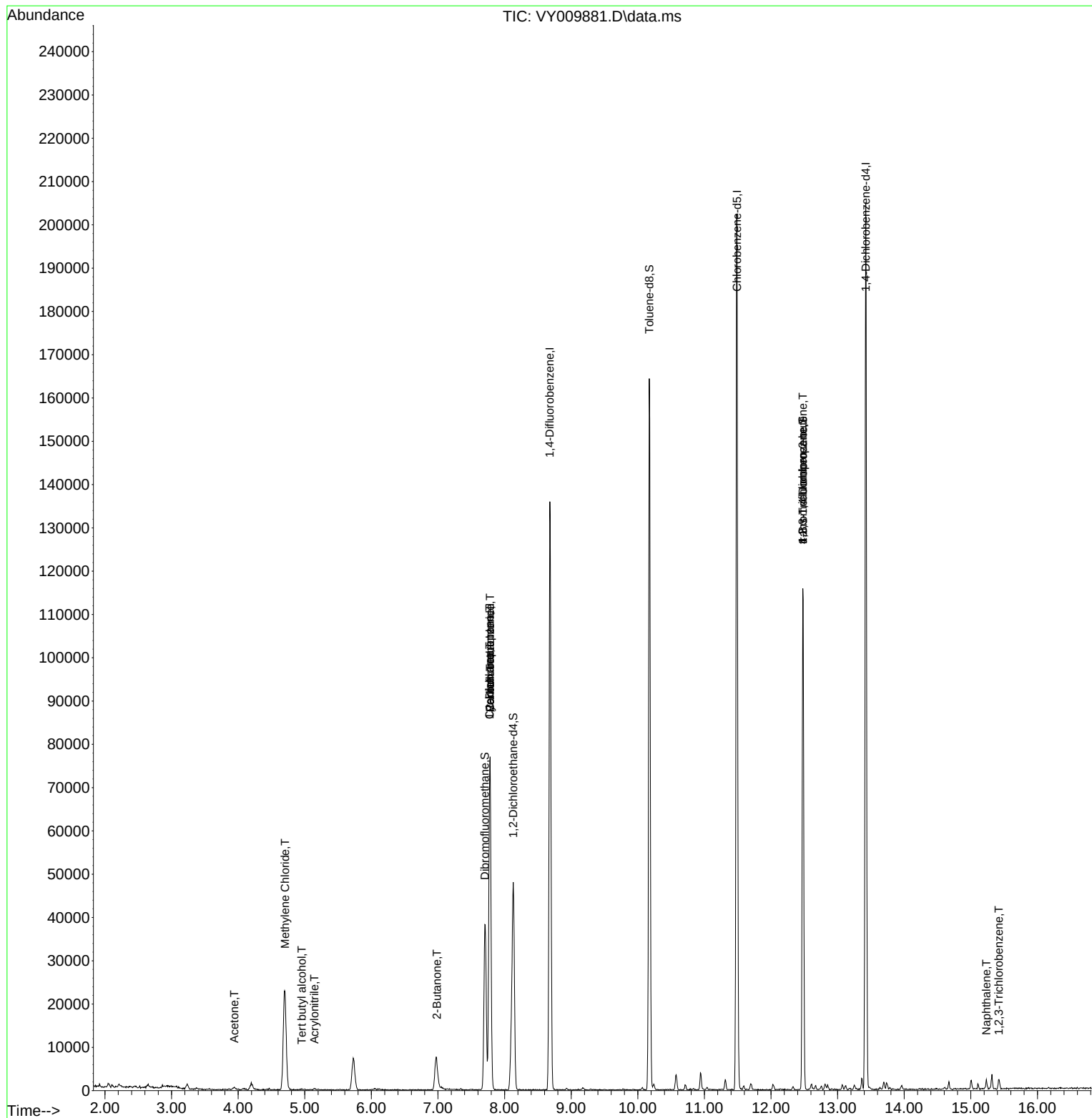
Internal Standards						
1) Pentafluorobenzene	7.783	168	59307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	115009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30563	67.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.760%	
35) Dibromofluoromethane	7.704	113	28354	45.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.840%	
50) Toluene-d8	10.173	98	104061	55.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.620%	
62) 4-Bromofluorobenzene	12.477	95	34422	39.487	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	172	2.558	ug/l #	78
15) Acrylonitrile	5.143	53	228	1.151	ug/l #	80
16) Acetone	3.942	43	947	5.661	ug/l	90
18) Methyl Acetate	4.466	43	209	Below Cal	#	73
20) Methylene Chloride	4.704	84	17340	15.784	ug/l	97
25) 2-Butanone	6.984	43	690	2.505	ug/l #	48
31) Cyclohexane	7.777	56	1527	1.326	ug/l #	20
36) 1,1-Dichloropropene	7.777	75	4866	4.619	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5990	5.729	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	18018	32.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18018	66.050	ug/l #	13
95) Naphthalene	15.233	128	1957	1.113	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.422	180	750	1.004	ug/l	83

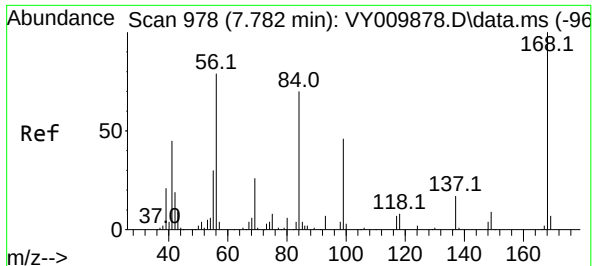
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
Data File : VY009881.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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VIBLK

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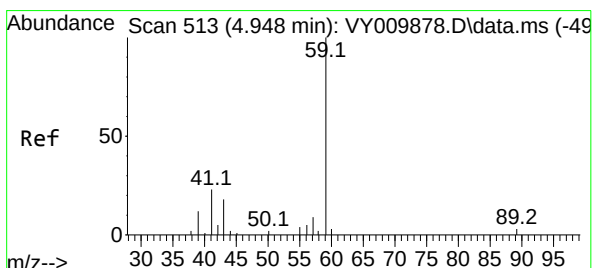
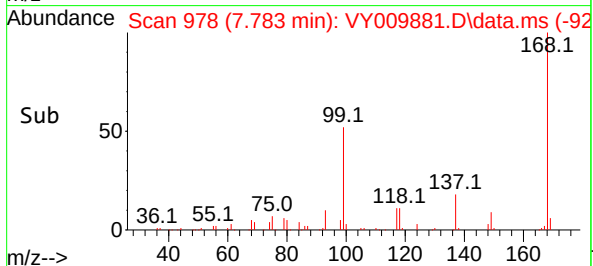
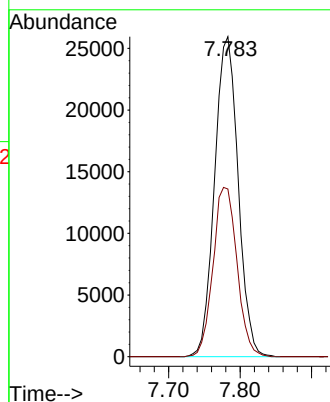
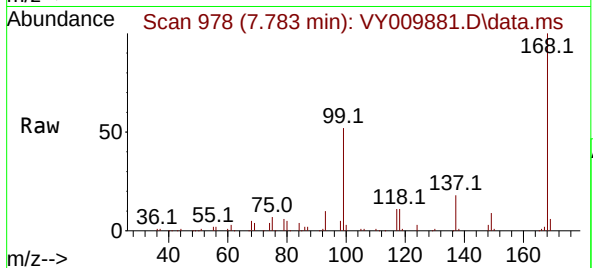




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

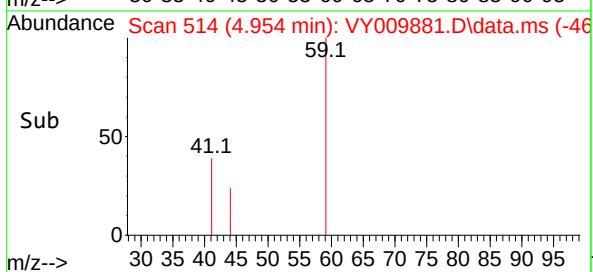
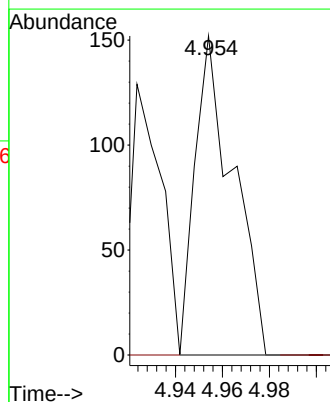
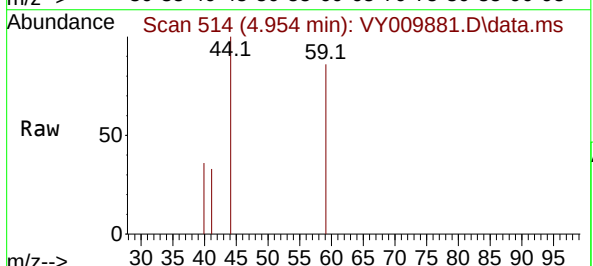
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

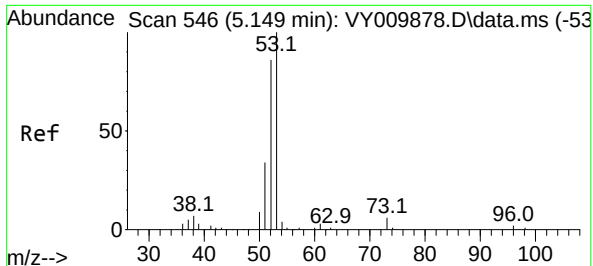
Tgt Ion:168 Resp: 59307
Ion Ratio Lower Upper
168 100
99 52.4 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.558 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

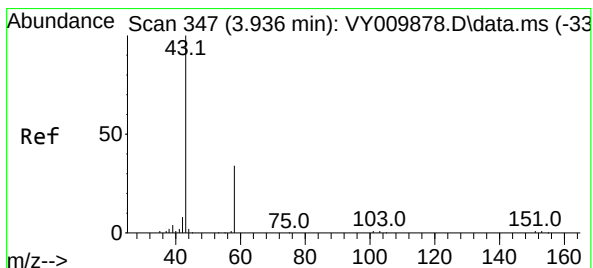
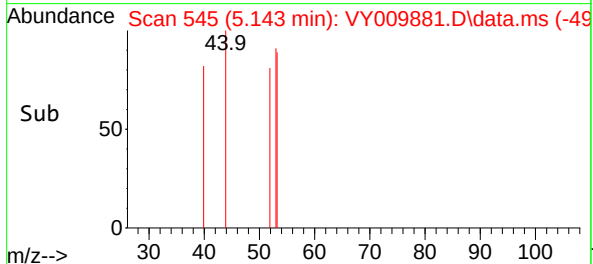
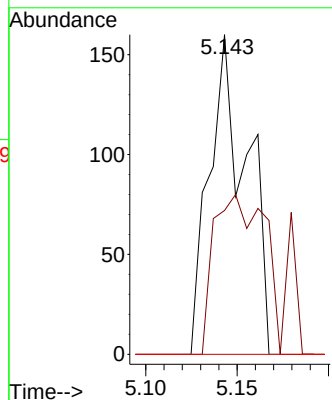
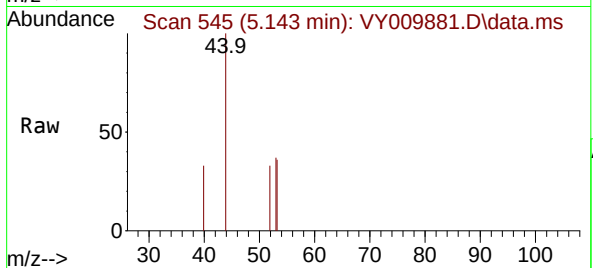




#15
Acrylonitrile
Concen: 1.151 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

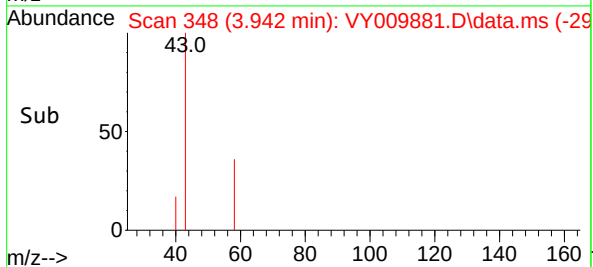
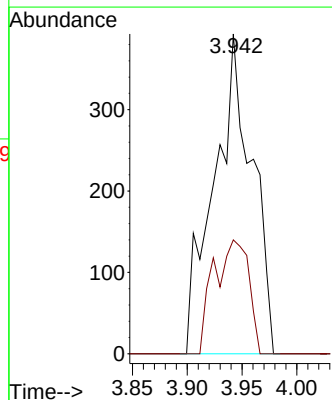
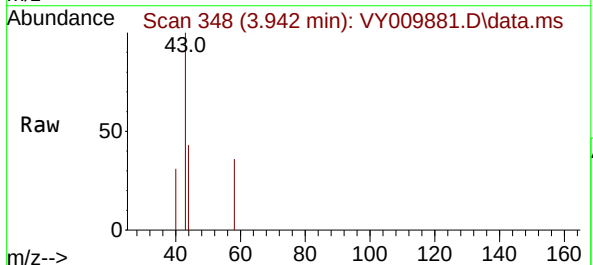
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

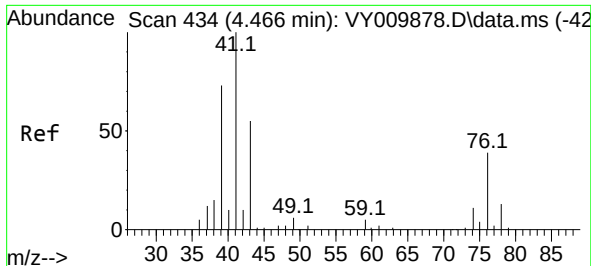
Tgt Ion: 53 Resp: 228
Ion Ratio Lower Upper
53 100
52 79.4 65.4 98.2
51 0.0 28.4 42.6#



#16
Acetone
Concen: 5.661 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 35.6 24.0 36.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009881.D

Acq: 08 Aug 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

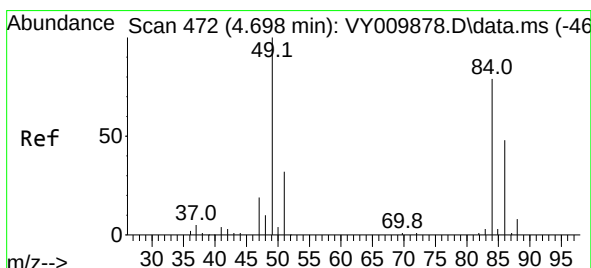
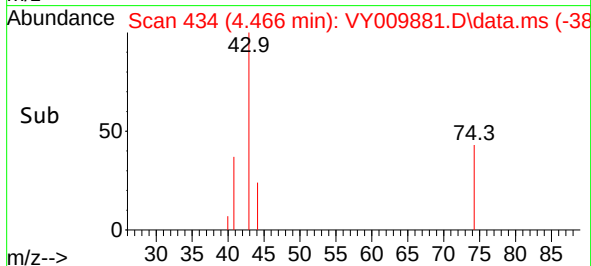
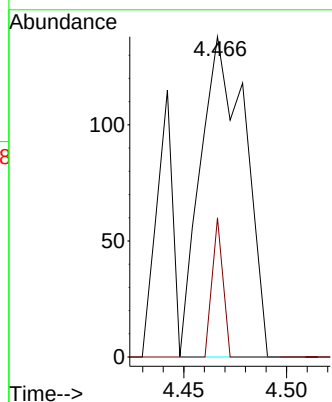
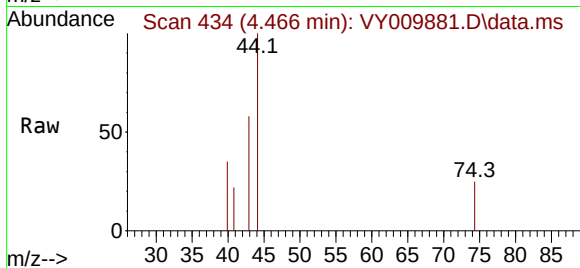
VIBLK

Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

43 100

74 10.5 18.8 28.2#



#20

Methylene Chloride

Concen: 15.784 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009881.D

Acq: 08 Aug 2022 17:52

Tgt Ion: 84 Resp: 17340

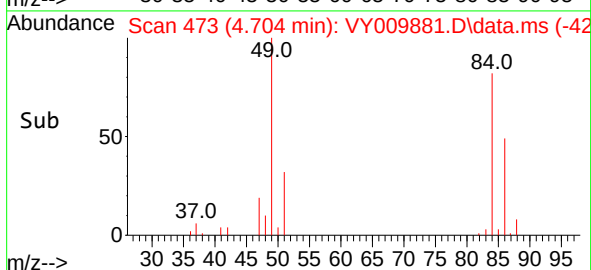
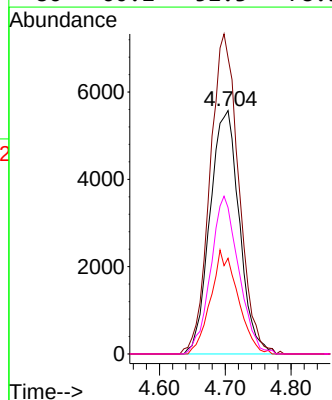
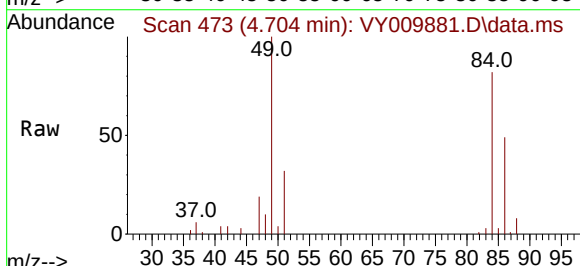
Ion Ratio Lower Upper

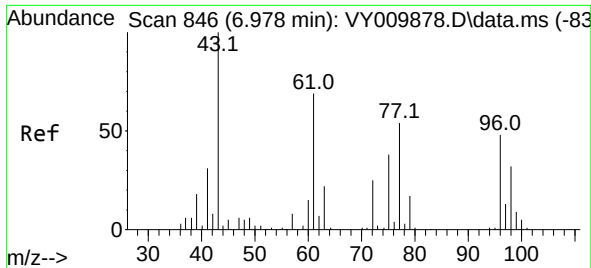
84 100

49 121.8 98.2 147.4

51 39.3 33.4 50.0

86 60.2 52.3 78.5

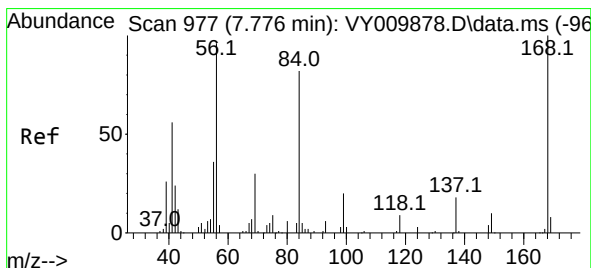
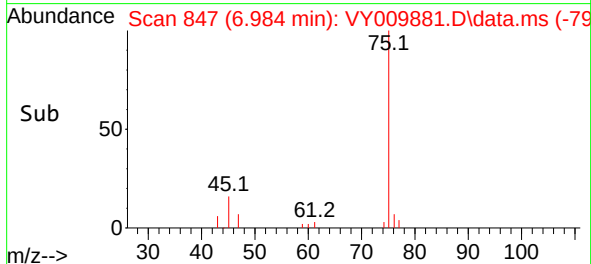
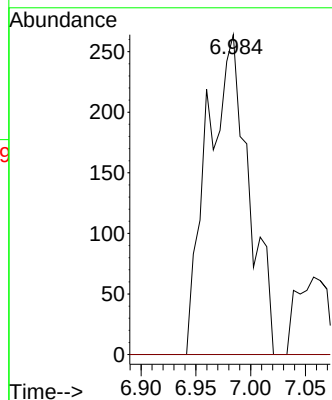
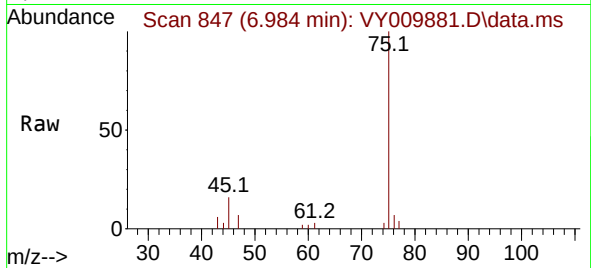




#25
2-Butanone
Concen: 2.505 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

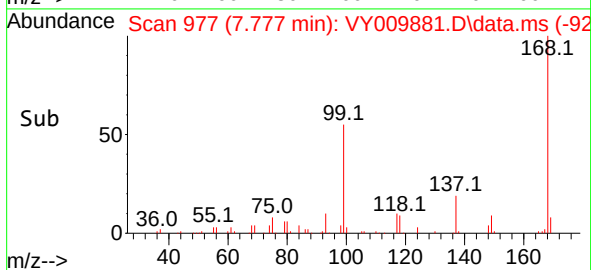
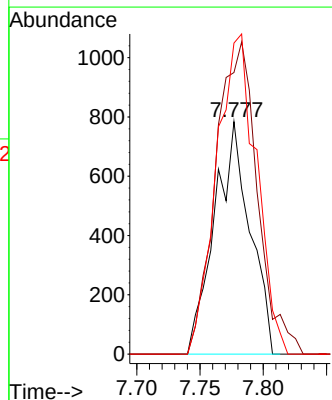
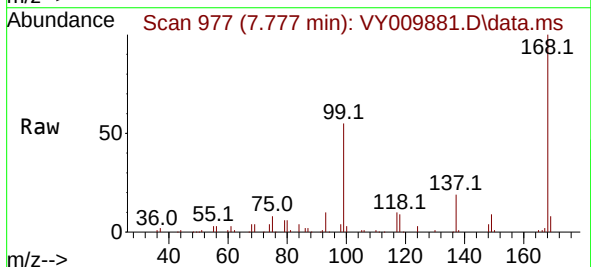
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

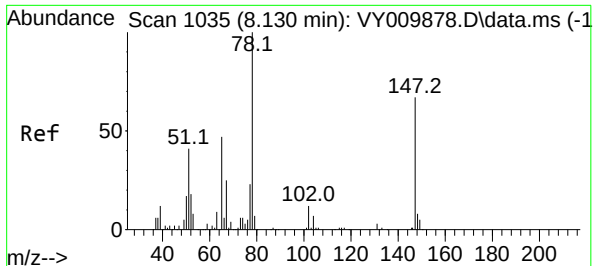
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.001 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

Tgt Ion: 56 Resp: 1527
Ion Ratio Lower Upper
56 100
69 121.2 26.0 39.0#
84 133.8 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 67.884 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009881.D

Acq: 08 Aug 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

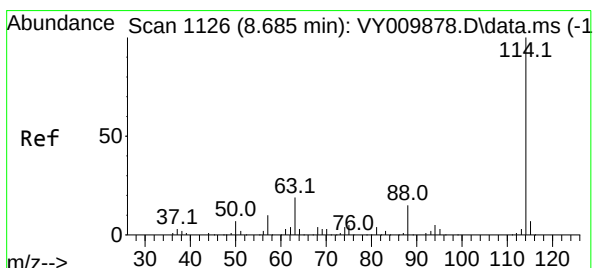
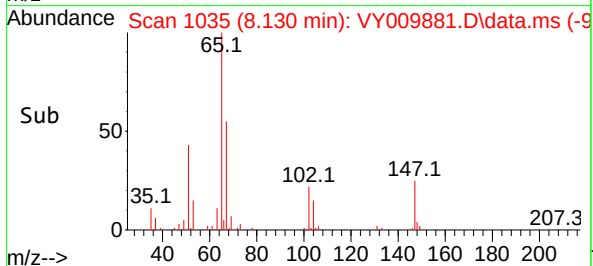
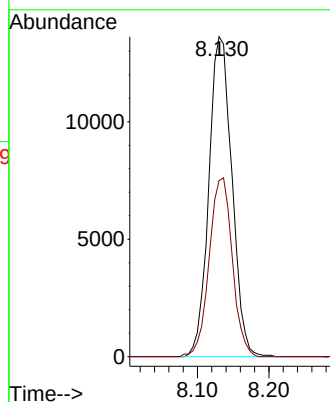
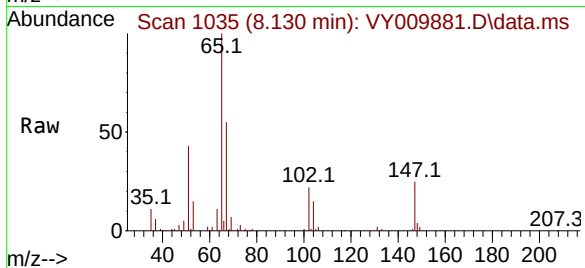
VIBLK

Tgt Ion: 65 Resp: 30563

Ion Ratio Lower Upper

65 100

67 55.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009881.D

Acq: 08 Aug 2022 17:52

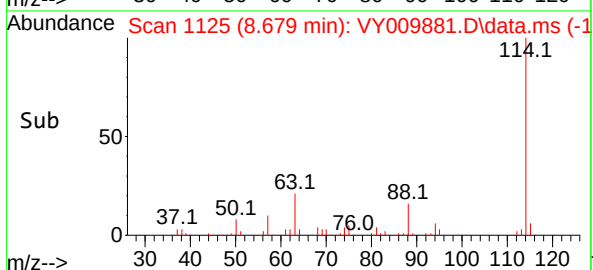
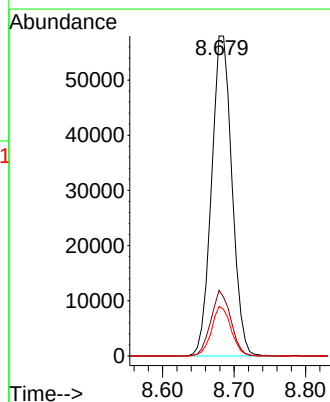
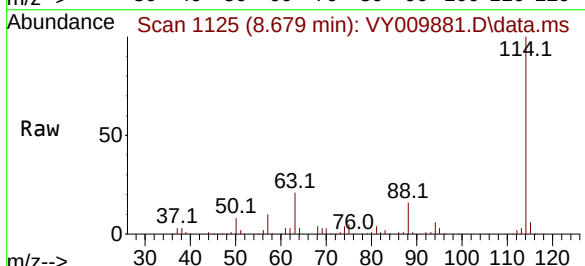
Tgt Ion: 114 Resp: 115009

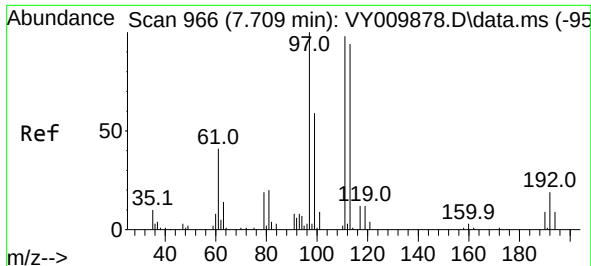
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.0

88 15.5 0.0 30.0

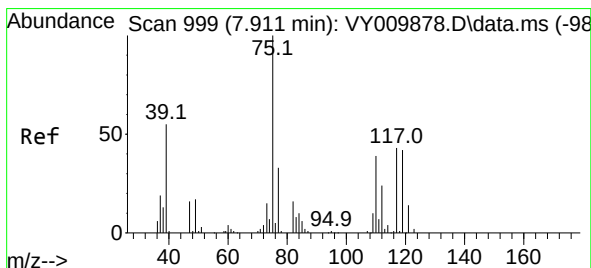
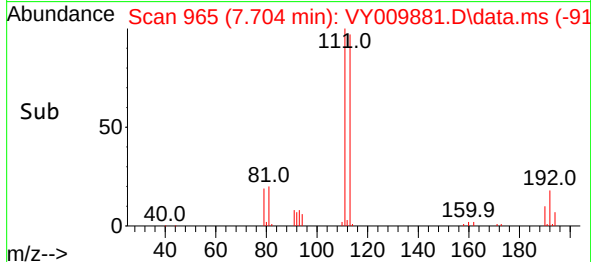
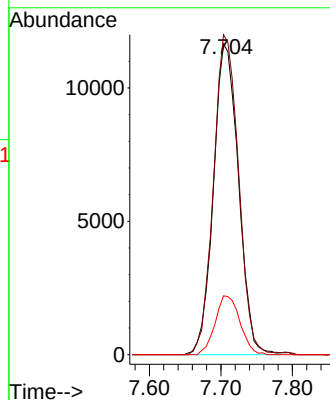
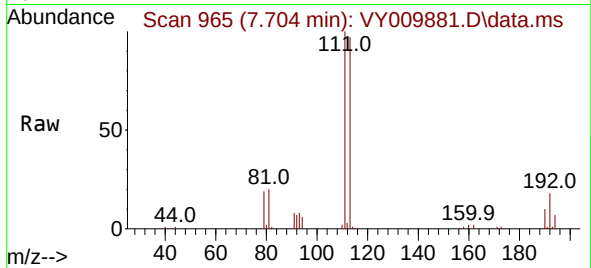




#35
Dibromofluoromethane
Concen: 45.416 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.005 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

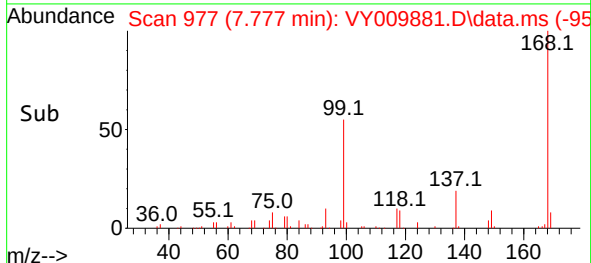
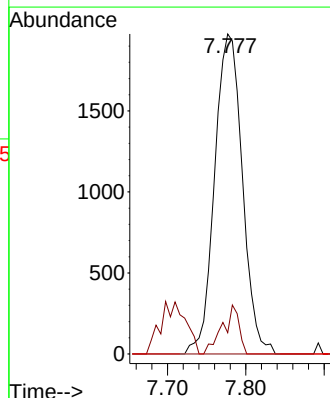
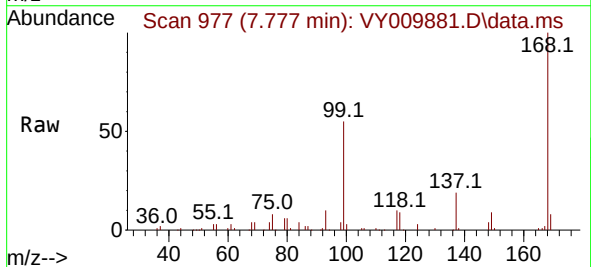
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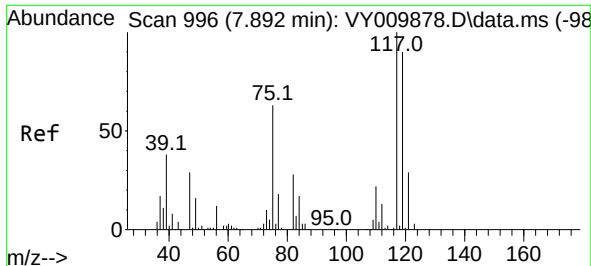
Tgt Ion:113 Resp: 28354
Ion Ratio Lower Upper
113 100
111 103.1 80.6 120.8
192 18.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

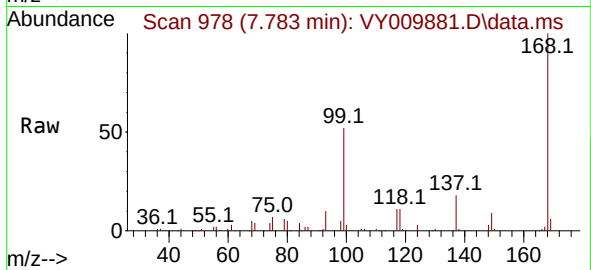
Tgt Ion: 75 Resp: 4866
Ion Ratio Lower Upper
75 100
110 9.1 18.6 56.0#
77 0.0 25.0 37.4#



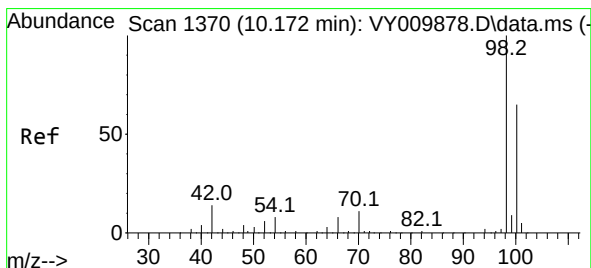
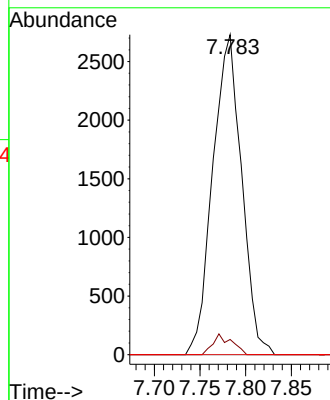
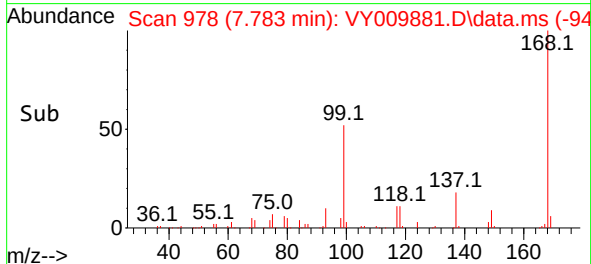


#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

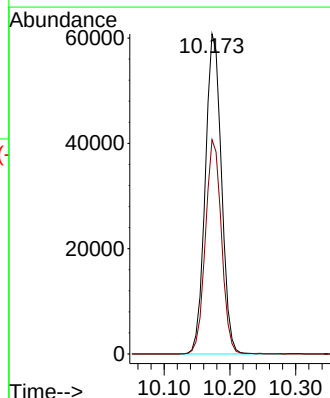
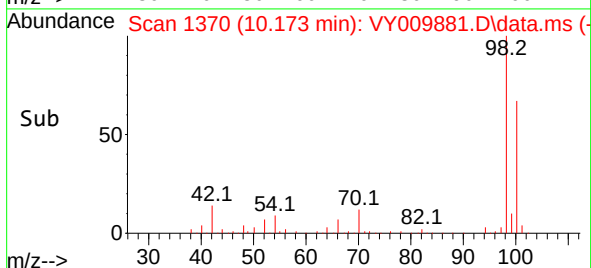
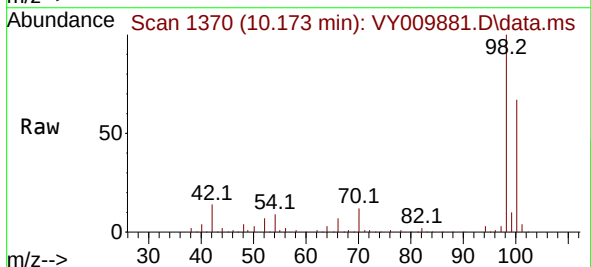


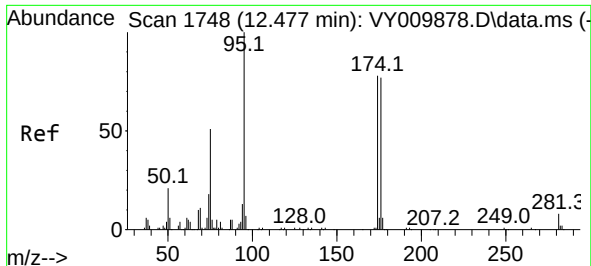
Tgt Ion:117 Resp: 5990
Ion Ratio Lower Upper
117 100
119 4.8 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 55.805 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

Tgt Ion: 98 Resp: 104061
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

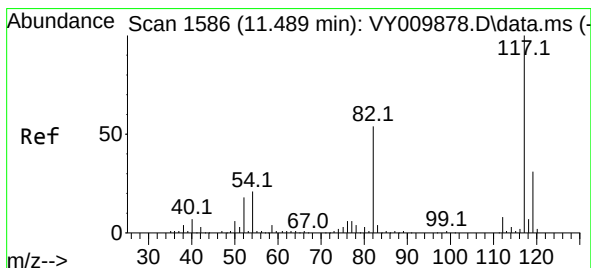
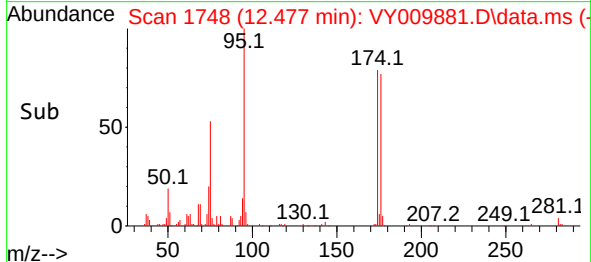
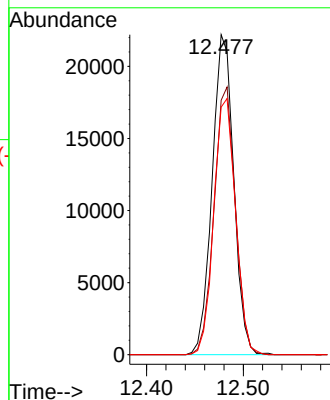
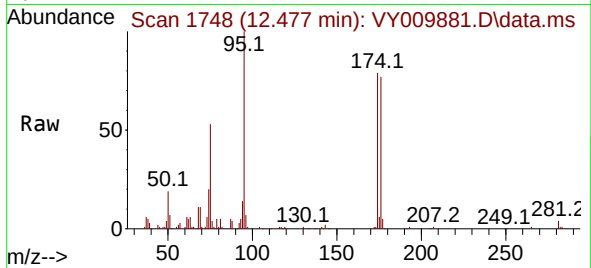




#62
4-Bromofluorobenzene
Concen: 39.487 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

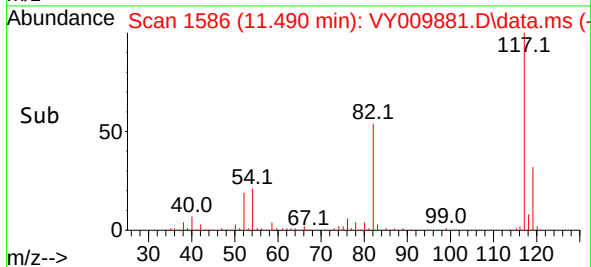
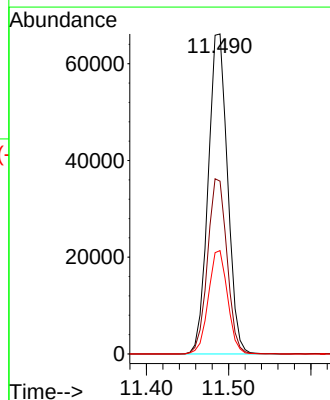
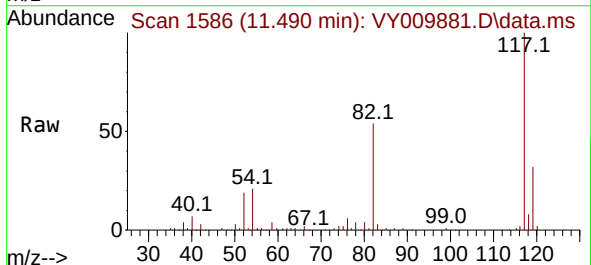
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

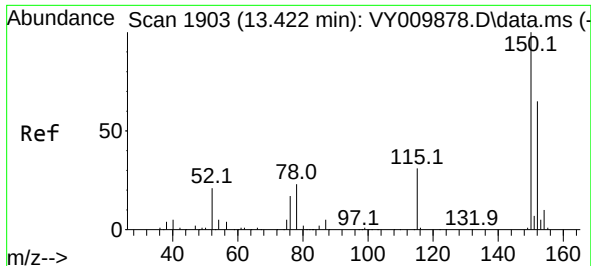
Tgt Ion: 95 Resp: 34422
Ion Ratio Lower Upper
95 100
174 82.9 0.0 173.8
176 80.8 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

Tgt Ion: 117 Resp: 108298
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.6
119 32.3 25.6 38.4

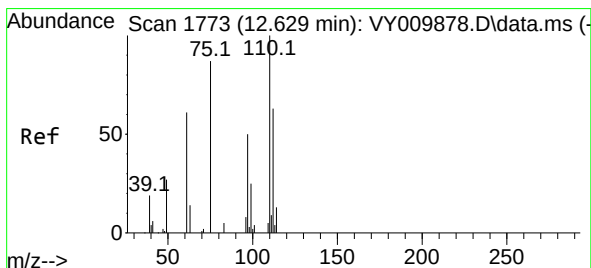
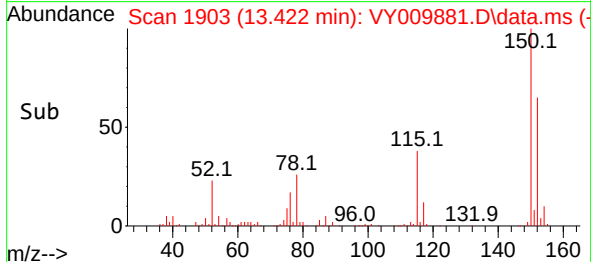
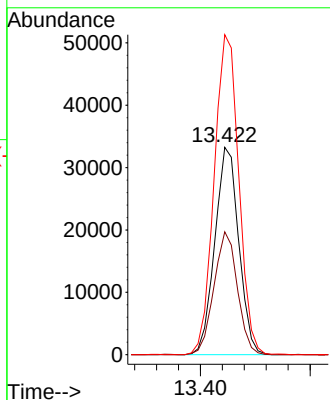
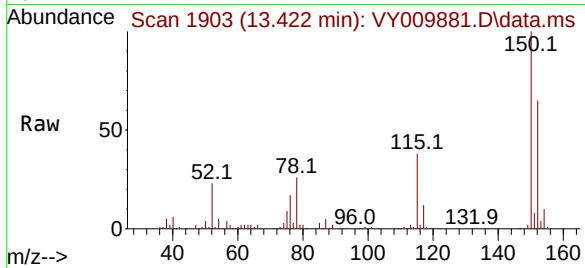




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009881.D
 Acq: 08 Aug 2022 17:52

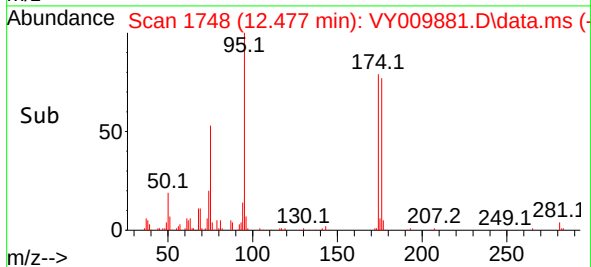
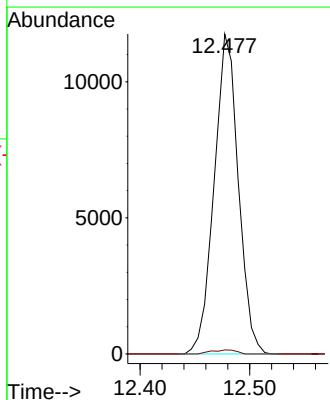
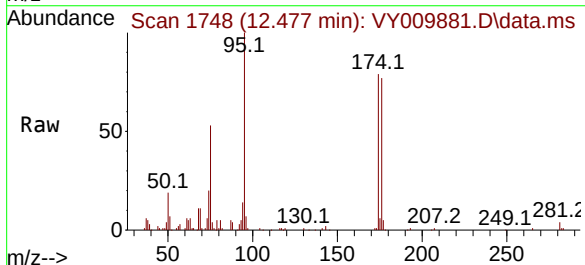
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

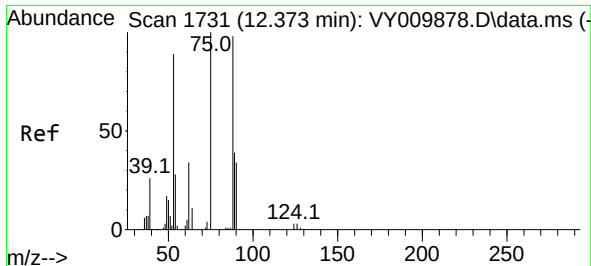
Tgt Ion:152 Resp: 50409
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.6 85.9
 150 158.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 32.670 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009881.D
 Acq: 08 Aug 2022 17:52

Tgt Ion: 75 Resp: 18018
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

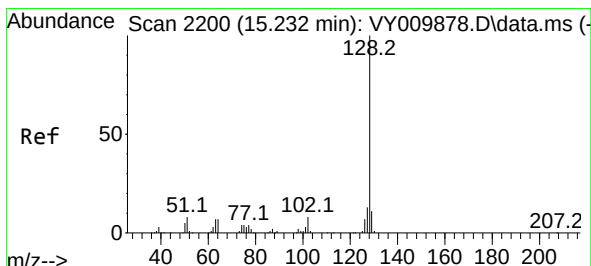
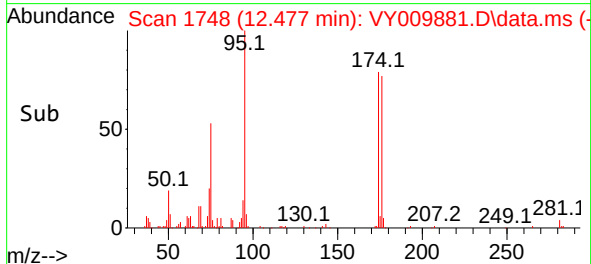
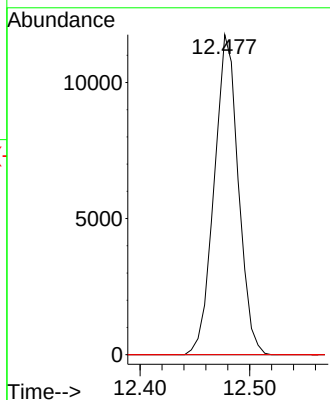
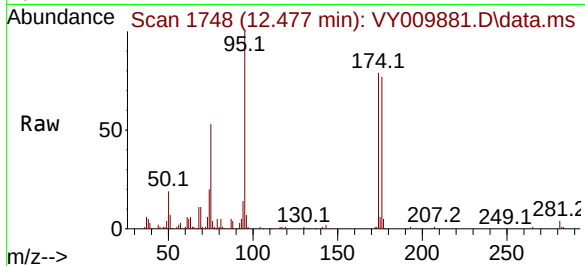




#81
trans-1,4-Dichloro-2-butene
Concen: 66.050 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

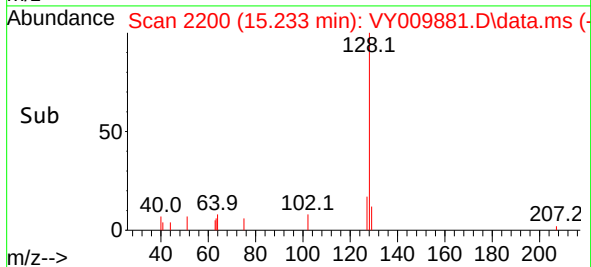
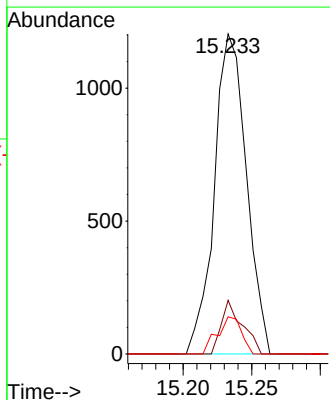
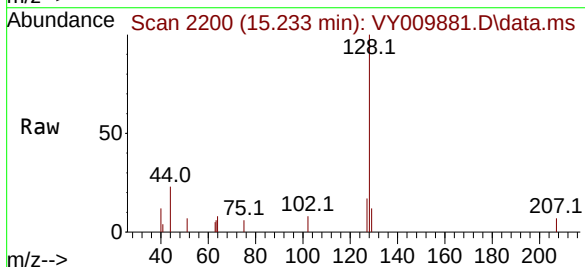
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

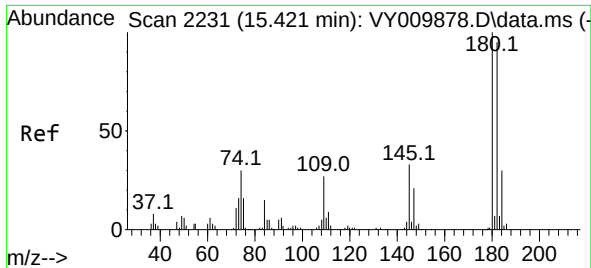
Tgt Ion: 75 Resp: 18018
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 1.113 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.001 min
Lab File: VY009881.D
Acq: 08 Aug 2022 17:52

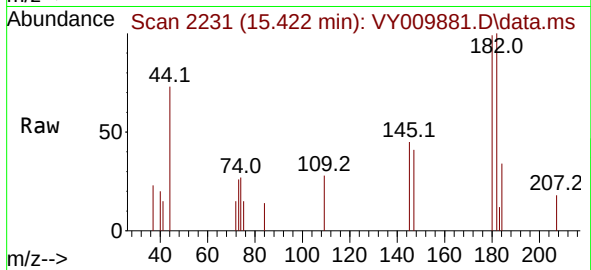
Tgt Ion:128 Resp: 1957
Ion Ratio Lower Upper
128 100
127 11.0 10.6 15.8
129 8.7 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.004 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VY009881.D
 Acq: 08 Aug 2022 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:180	Resp:	750
Ion	Ratio	Lower Upper
180	100	
182	112.7	47.0 141.0
145	36.9	15.6 46.7

