

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010943.D
 Acq On : 12 Oct 2022 15:40
 Operator : KP/MD
 Sample : N5105-05
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Quant Time: Oct 13 05:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

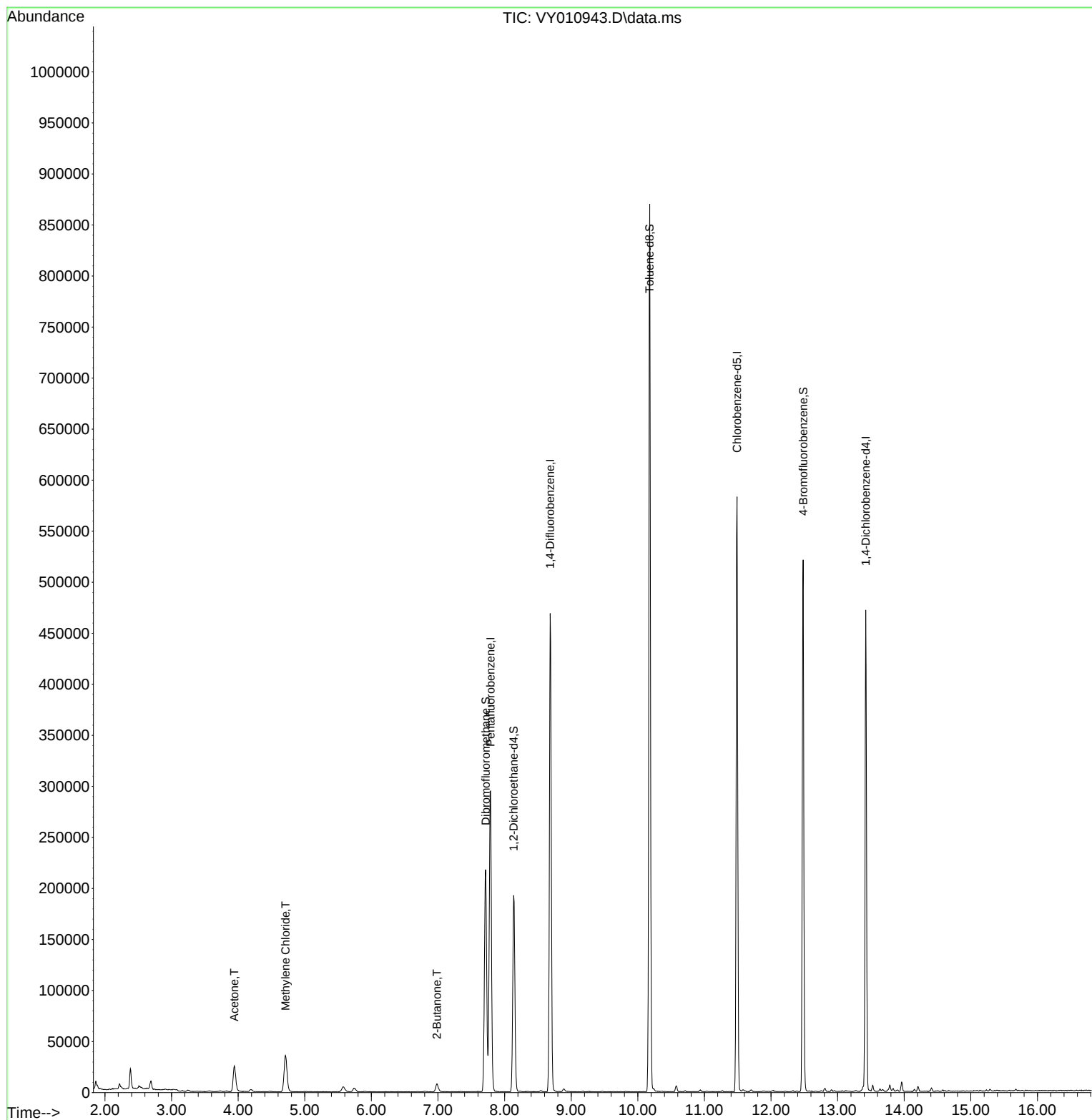
Internal Standards						
1) Pentafluorobenzene	7.789	168	232206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	399089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149617	63.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.140%	
35) Dibromofluoromethane	7.716	113	156286	58.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.980%	
50) Toluene-d8	10.179	98	560583	61.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.760%	
62) 4-Bromofluorobenzene	12.483	95	153503	42.841	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.680%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	44922	75.148	ug/l #	85
20) Methylene Chloride	4.710	84	27671	5.966	ug/l	87
25) 2-Butanone	6.984	43	13193	15.351	ug/l #	88

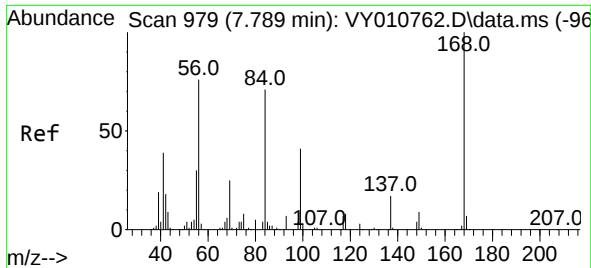
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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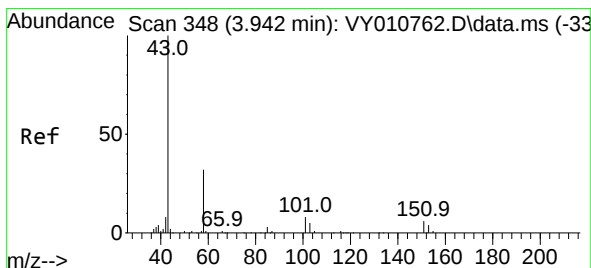
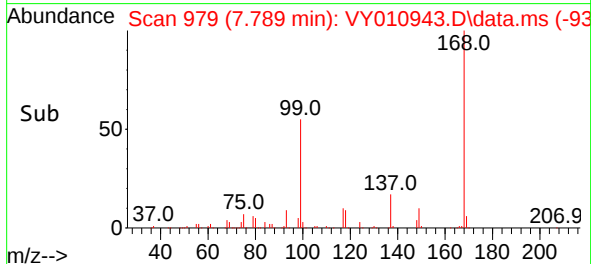
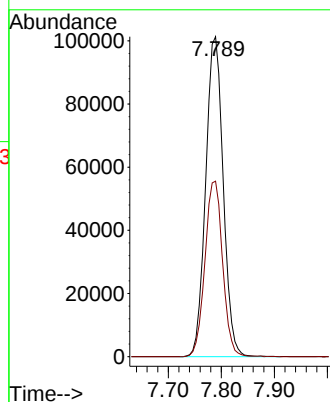
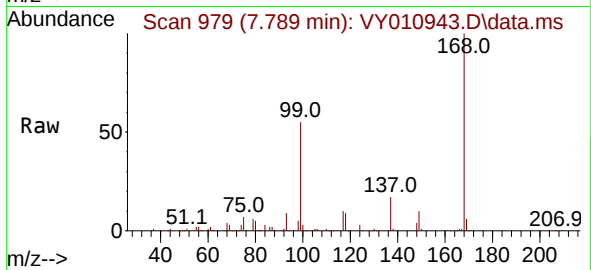




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

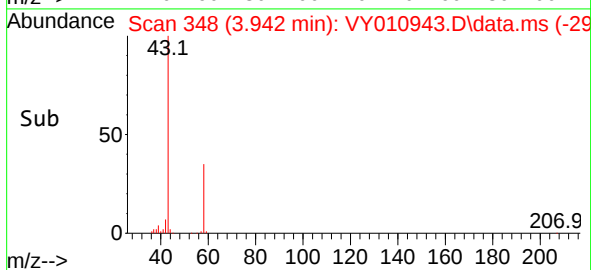
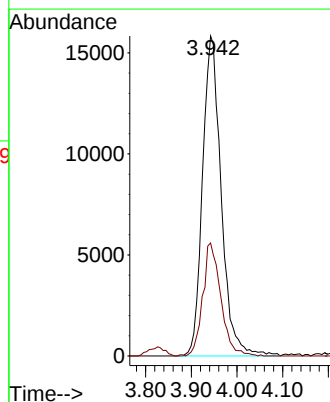
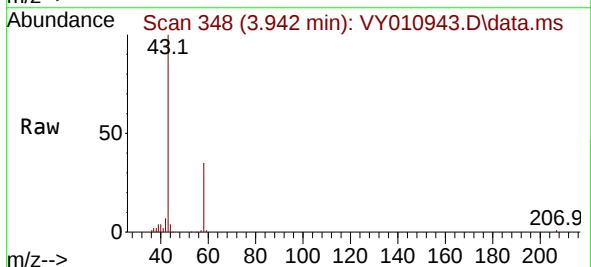
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

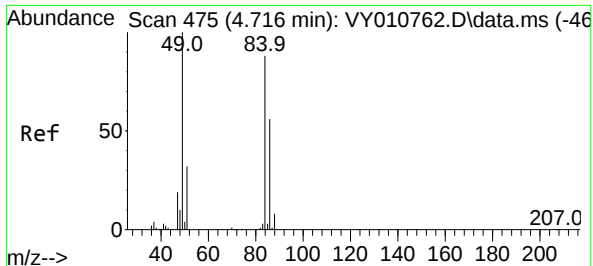
Tgt Ion:168 Resp: 232206
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#16
Acetone
Concen: 75.148 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

Tgt Ion: 43 Resp: 44922
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#



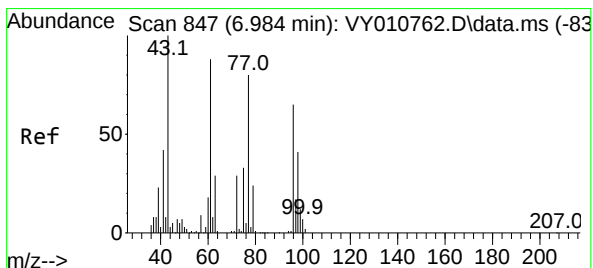
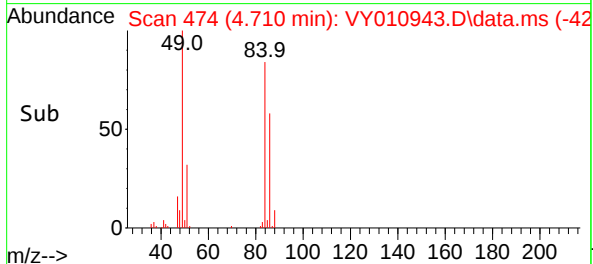
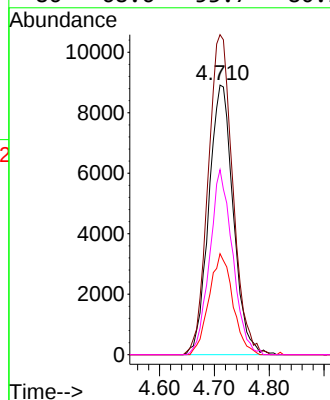
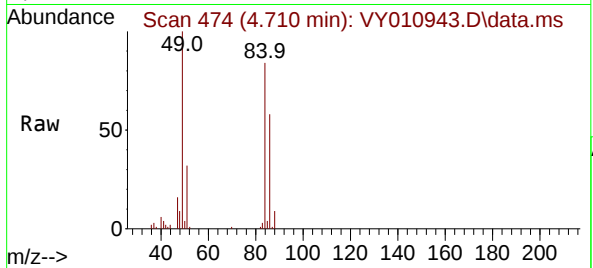


#20
Methylene Chloride
Concen: 5.966 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

Instrument :
MSVOA_Y
ClientSampleId :
WC-5

Tgt Ion: 84 Resp: 27671

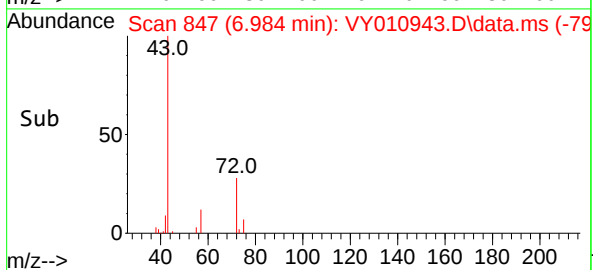
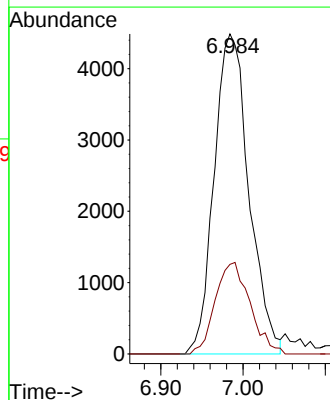
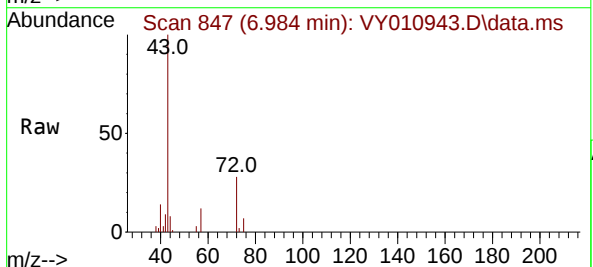
Ion	Ratio	Lower	Upper
84	100		
49	118.7	114.4	171.6
51	37.5	35.3	52.9
86	68.6	53.7	80.5

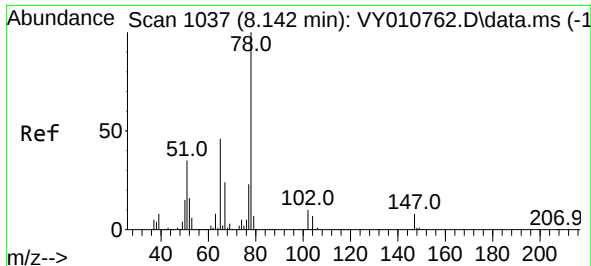


#25
2-Butanone
Concen: 15.351 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

Tgt Ion: 43 Resp: 13193

Ion	Ratio	Lower	Upper
43	100		
72	28.0	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 63.567 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010943.D

Acq: 12 Oct 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

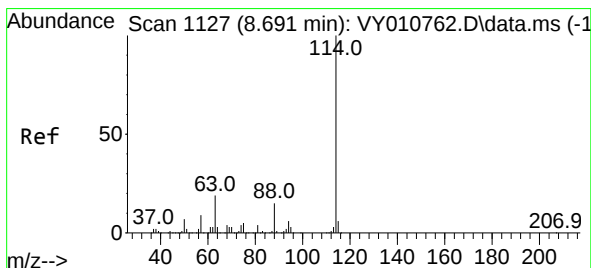
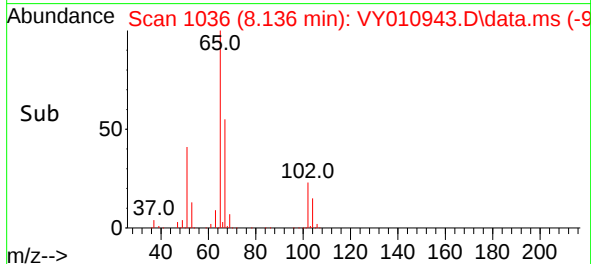
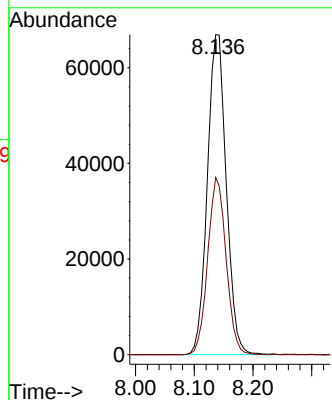
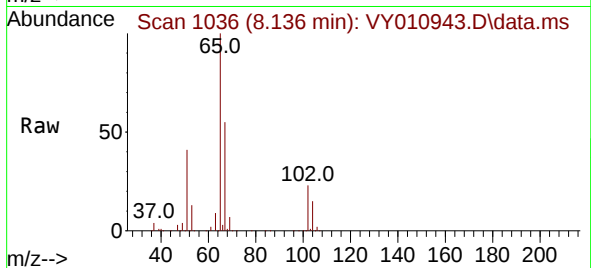
WC-5

Tgt Ion: 65 Resp: 149617

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010943.D

Acq: 12 Oct 2022 15:40

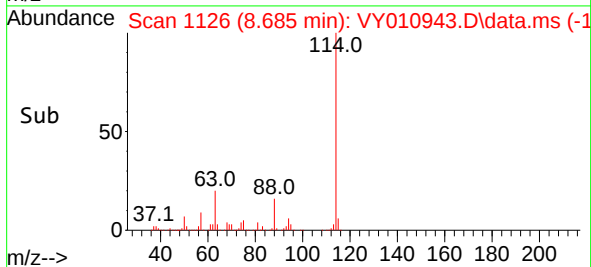
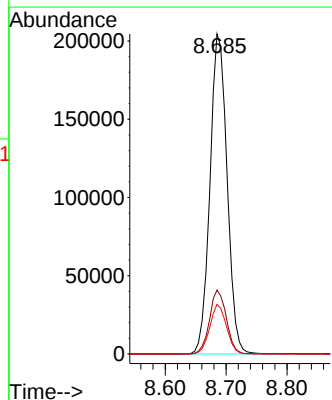
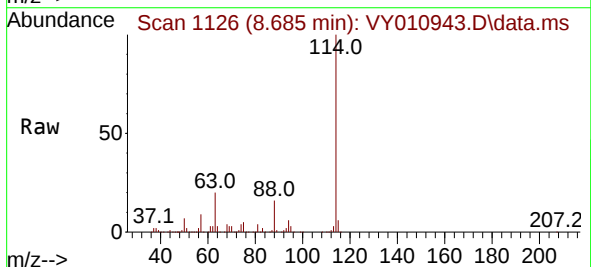
Tgt Ion: 114 Resp: 399089

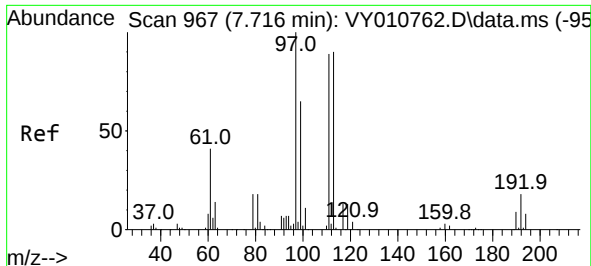
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.5 0.0 31.8

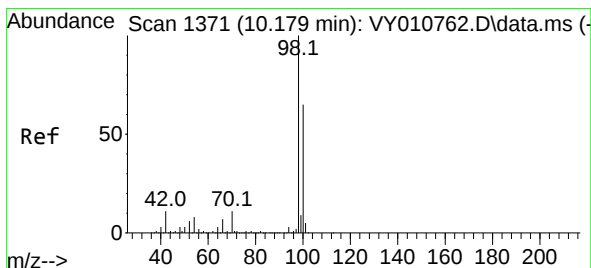
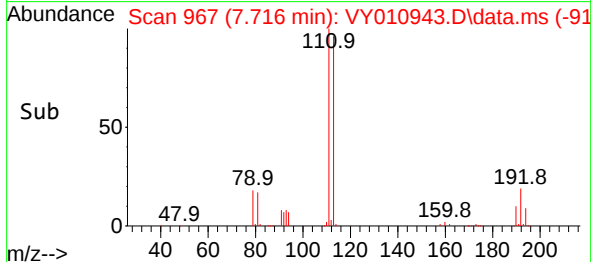
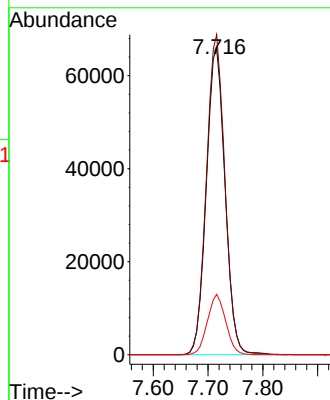
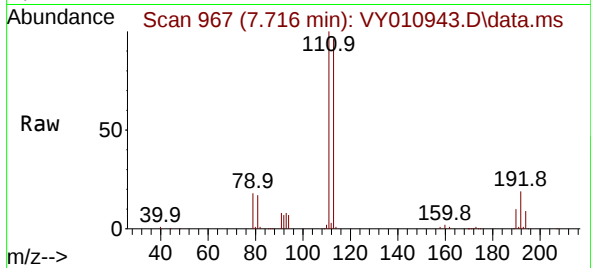




#35
Dibromofluoromethane
Concen: 58.994 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

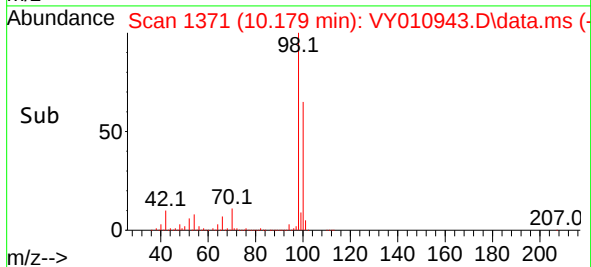
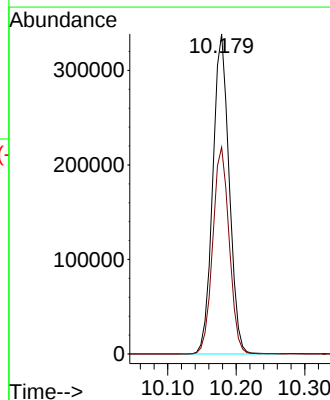
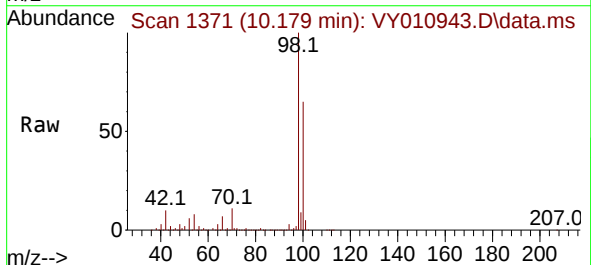
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

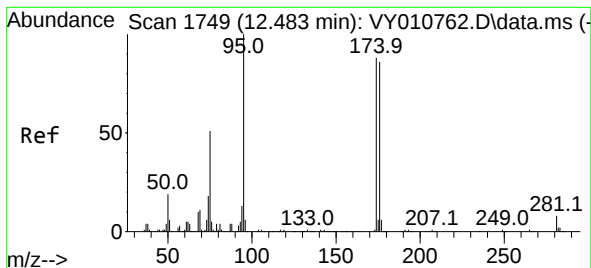
Tgt Ion:113 Resp: 156286
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 61.875 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

Tgt Ion: 98 Resp: 560583
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

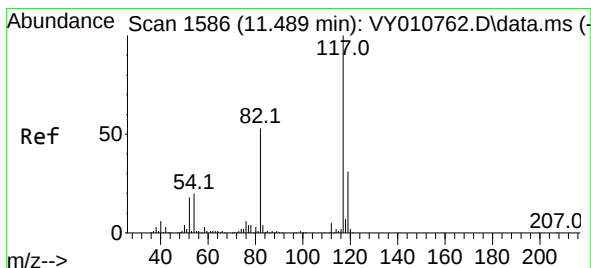
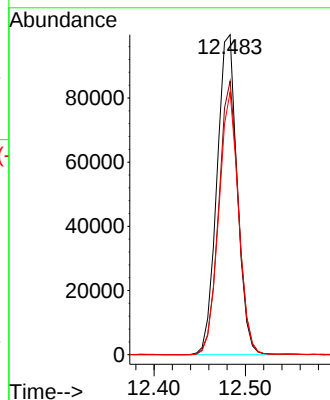
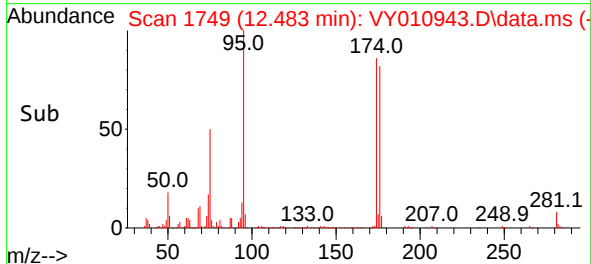
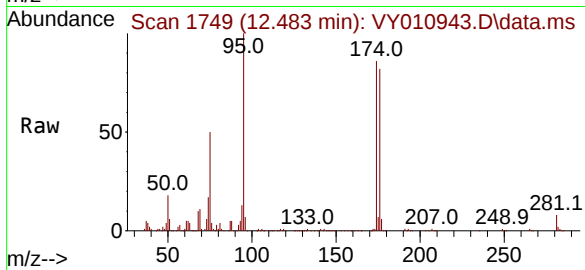




#62
4-Bromofluorobenzene
Concen: 42.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

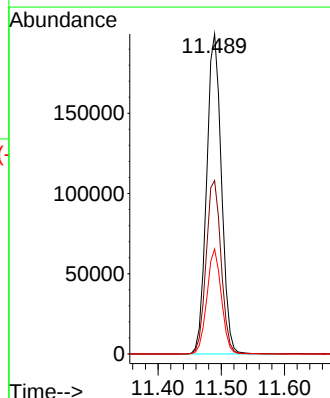
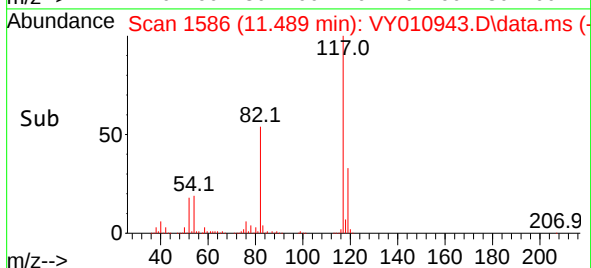
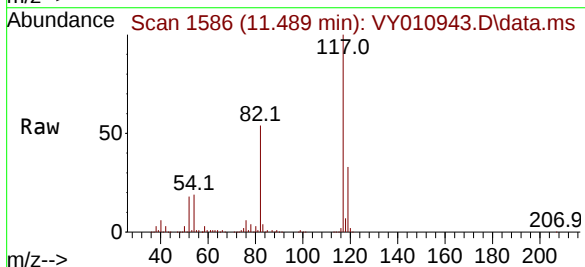
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

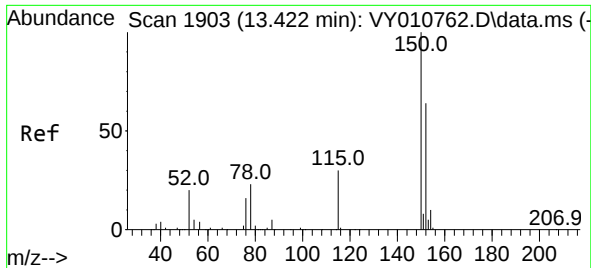
Tgt Ion: 95 Resp: 153503
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010943.D
Acq: 12 Oct 2022 15:40

Tgt Ion: 117 Resp: 324844
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.8 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: VY010943.D
 Acq: 12 Oct 2022 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Tgt Ion:152 Resp: 119170
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 157.2 0.0 347.6

