

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010941.D
 Acq On : 12 Oct 2022 14:55
 Operator : KP/MD
 Sample : N5105-09
 Misc : 6.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Oct 13 05:35:12 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)

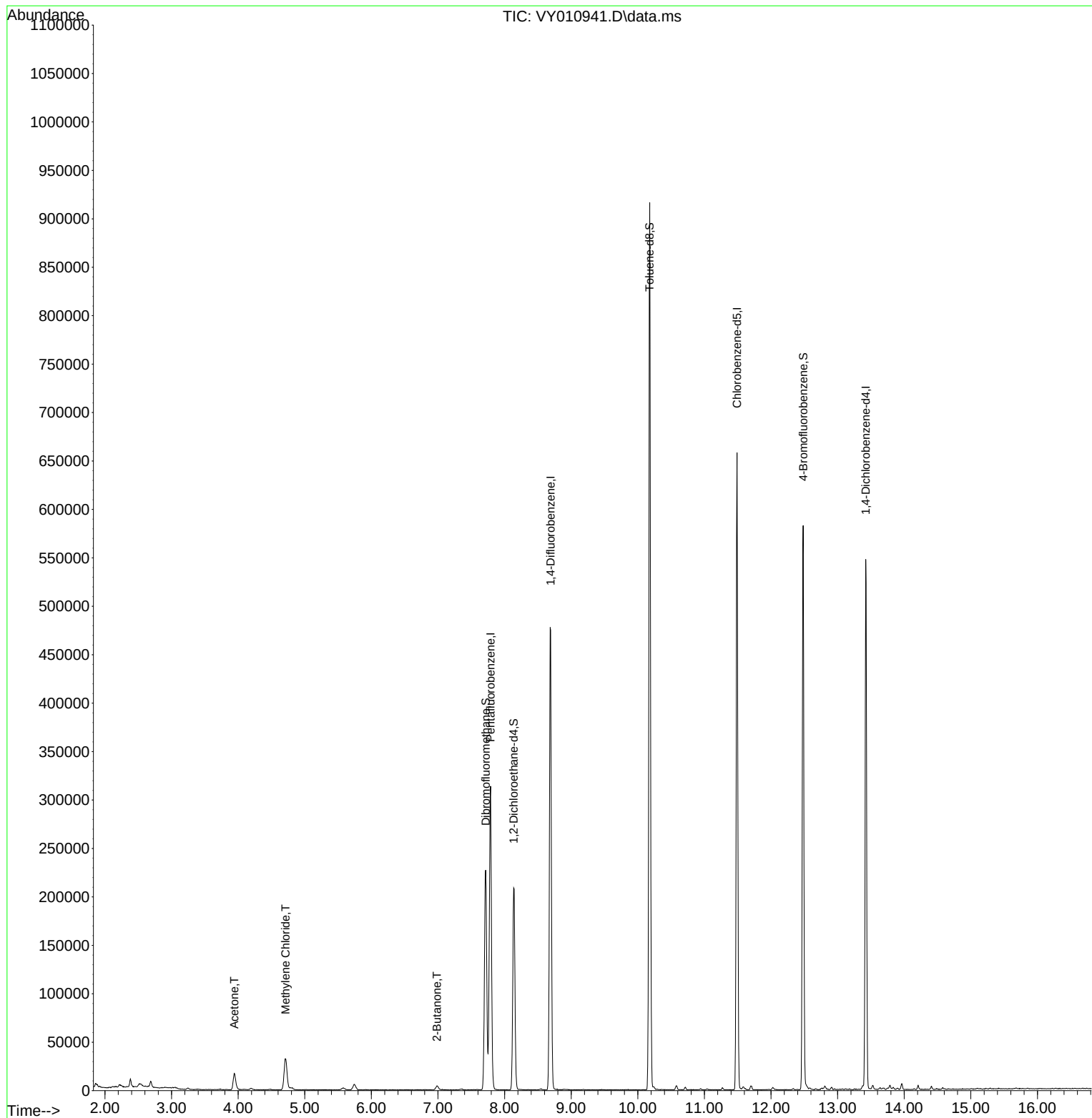
Internal Standards						
1) Pentafluorobenzene	7.789	168	237362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	414959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164226	68.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.520%	
35) Dibromofluoromethane	7.716	113	164995	59.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.800%	
50) Toluene-d8	10.179	98	593457	62.999	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 126.000%	
62) 4-Bromofluorobenzene	12.483	95	178464	48.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	29227	47.831	ug/l #	76
20) Methylene Chloride	4.710	84	25051	4.618	ug/l #	83
25) 2-Butanone	6.984	43	7562	8.608	ug/l #	80

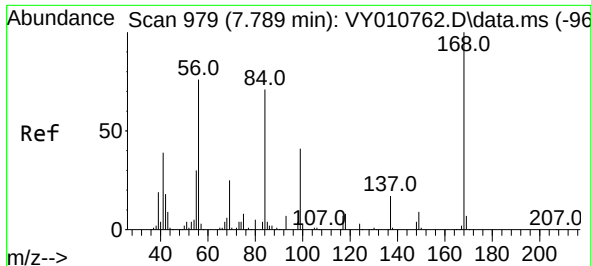
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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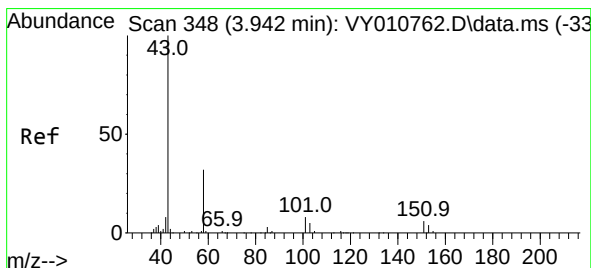
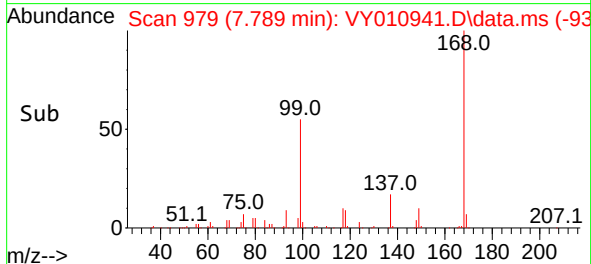
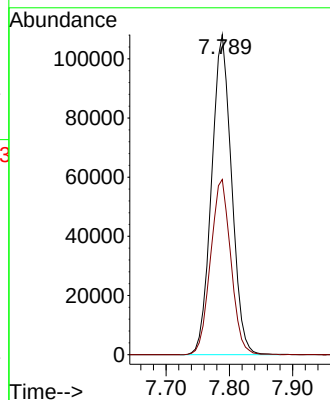
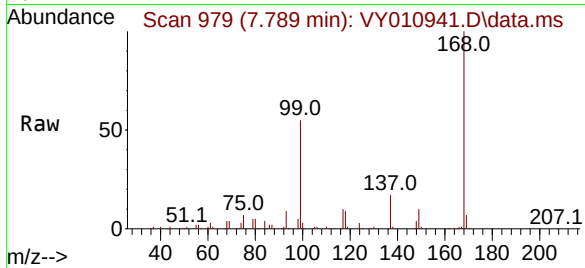




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010941.D
Acq: 12 Oct 2022 14:55

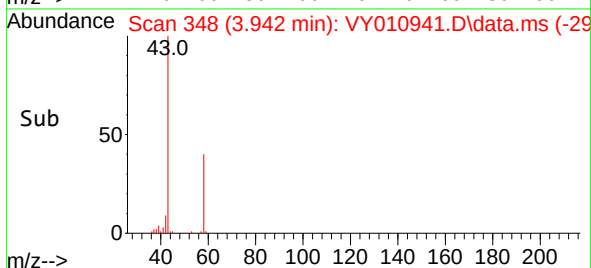
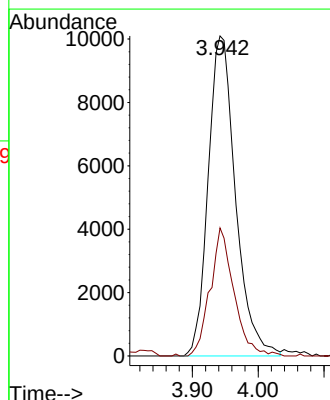
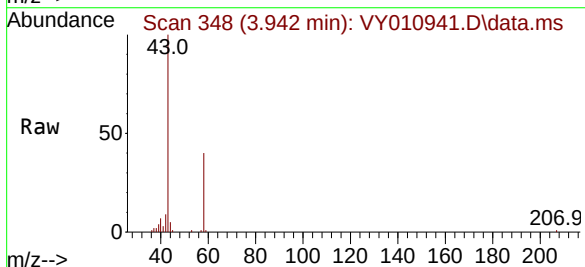
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

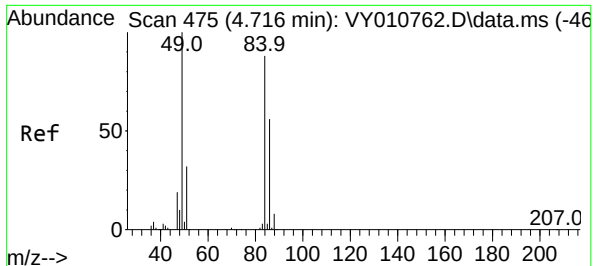
Tgt Ion:168 Resp: 237362
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#16
Acetone
Concen: 47.831 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010941.D
Acq: 12 Oct 2022 14:55

Tgt Ion: 43 Resp: 29227
Ion Ratio Lower Upper
43 100
58 40.0 22.0 33.0#

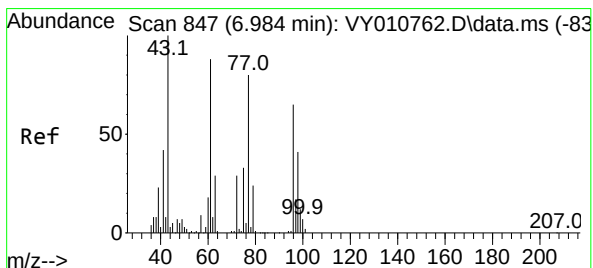
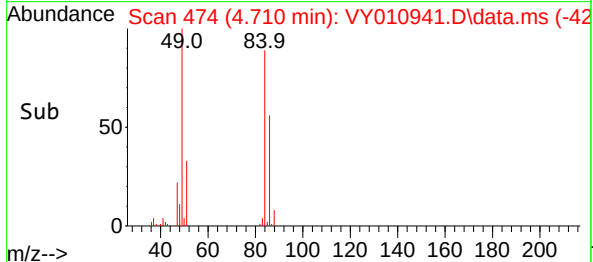
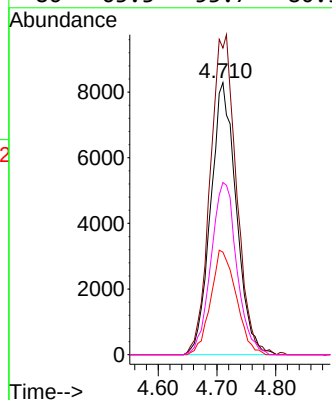
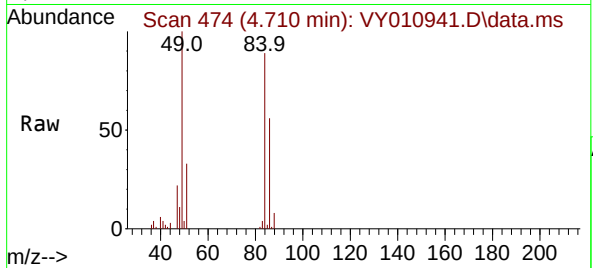




#20
Methylene Chloride
Concen: 4.618 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010941.D
Acq: 12 Oct 2022 14:55

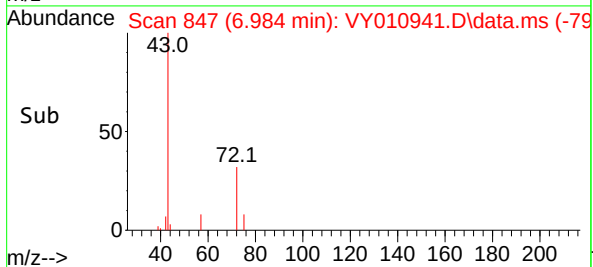
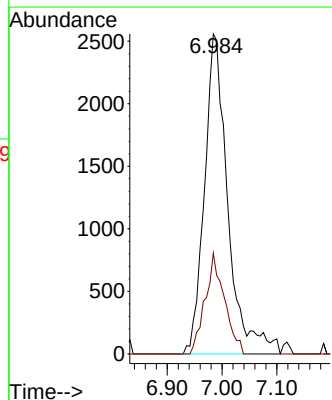
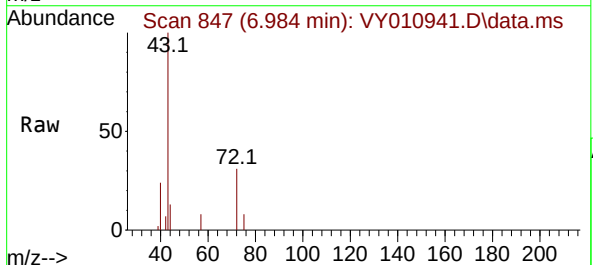
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

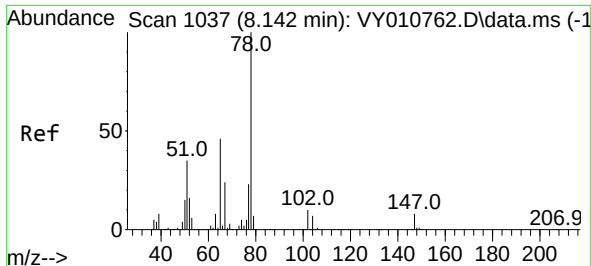
Tgt Ion: 84 Resp: 25051
Ion Ratio Lower Upper
84 100
49 112.7 114.4 171.6#
51 37.7 35.3 52.9
86 63.3 53.7 80.5



#25
2-Butanone
Concen: 8.608 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010941.D
Acq: 12 Oct 2022 14:55

Tgt Ion: 43 Resp: 7562
Ion Ratio Lower Upper
43 100
72 31.5 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 68.258 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010941.D

Acq: 12 Oct 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

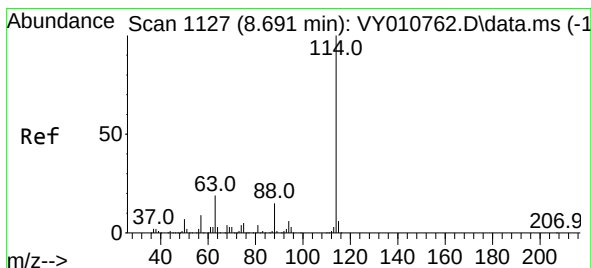
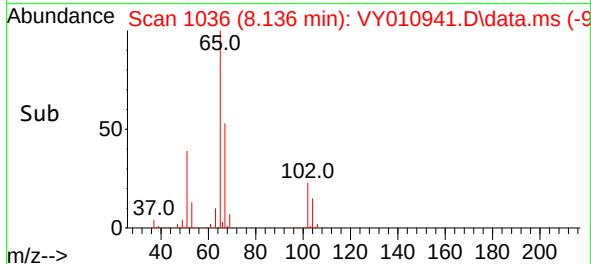
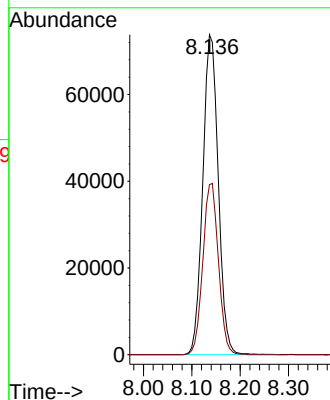
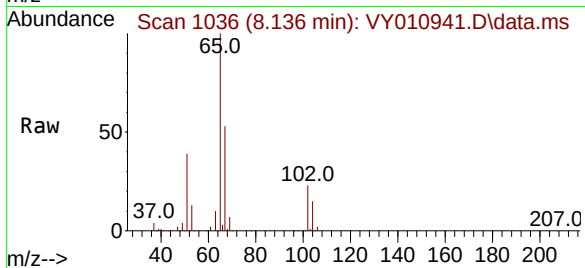
WC-2

Tgt Ion: 65 Resp: 164226

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010941.D

Acq: 12 Oct 2022 14:55

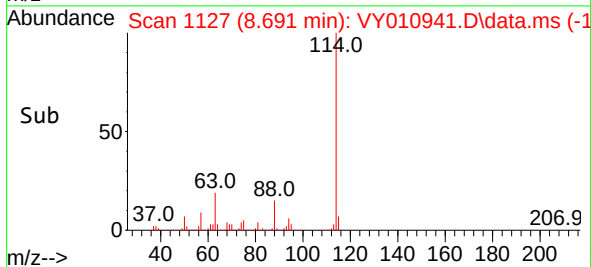
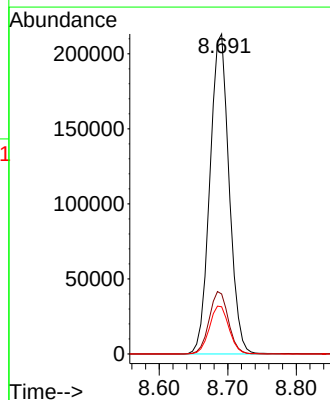
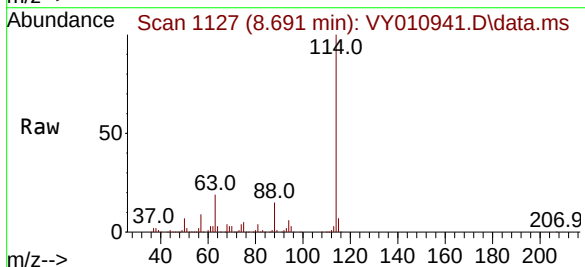
Tgt Ion: 114 Resp: 414959

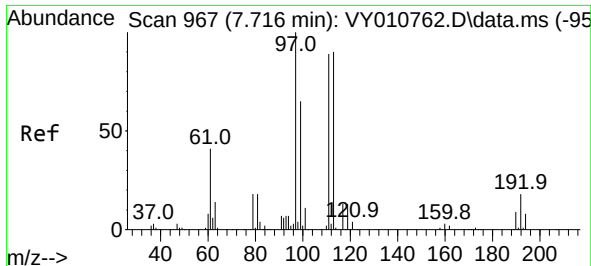
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8

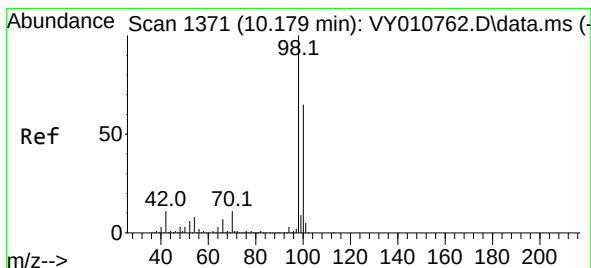
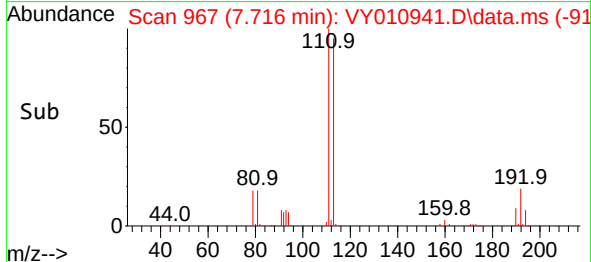
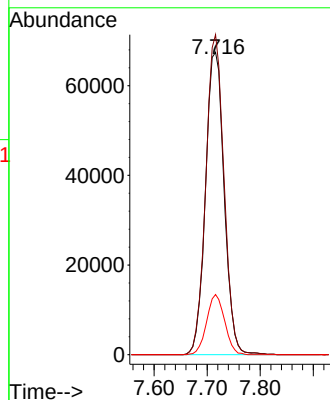
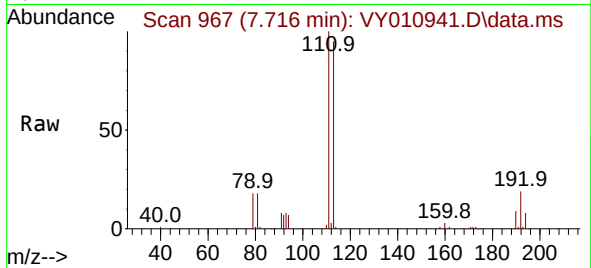




#35
 Dibromofluoromethane
 Concen: 59.900 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY010941.D
 Acq: 12 Oct 2022 14:55

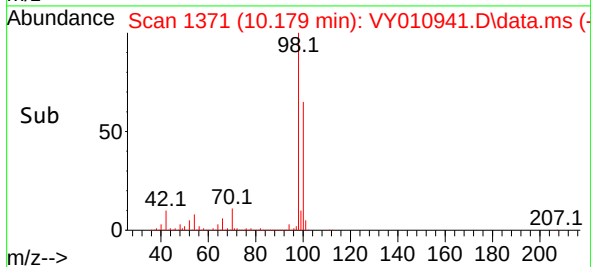
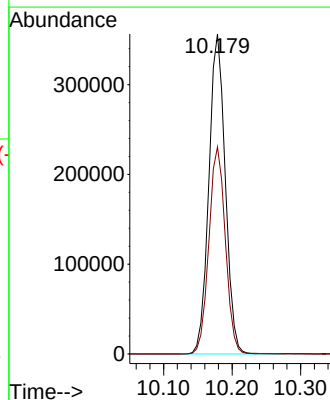
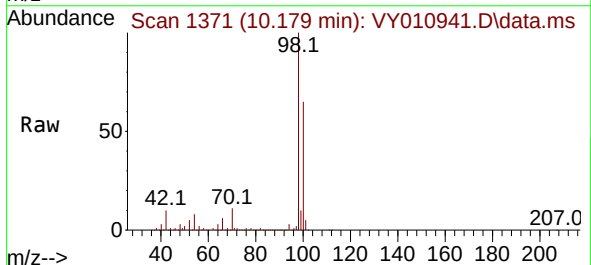
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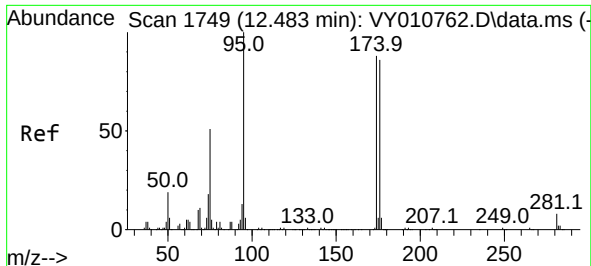
Tgt Ion:113 Resp: 164995
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 124.0
 192 19.2 17.6 26.4



#50
 Toluene-d8
 Concen: 62.999 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY010941.D
 Acq: 12 Oct 2022 14:55

Tgt Ion: 98 Resp: 593457
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.2 75.2

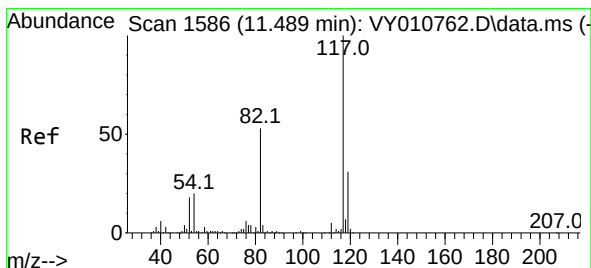
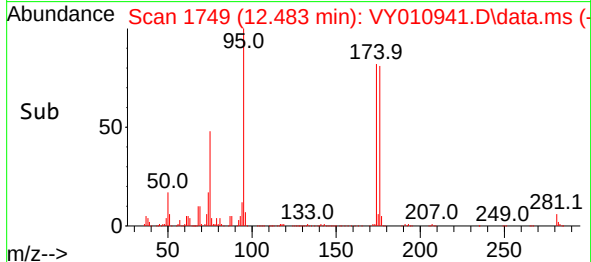
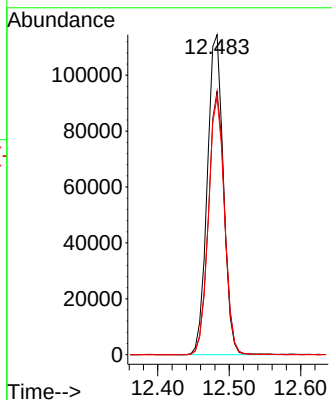
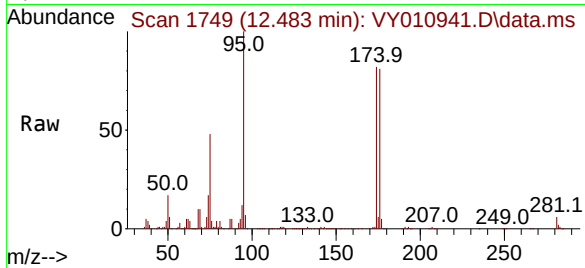




#62
4-Bromofluorobenzene
Concen: 48.372 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010941.D
Acq: 12 Oct 2022 14:55

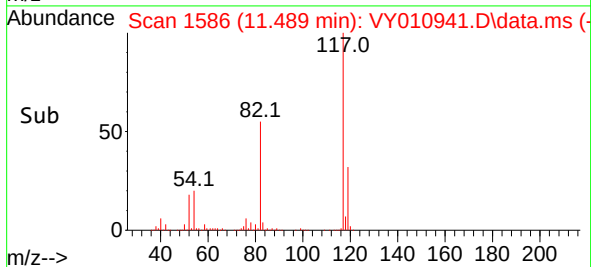
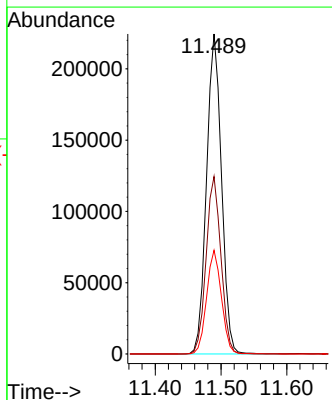
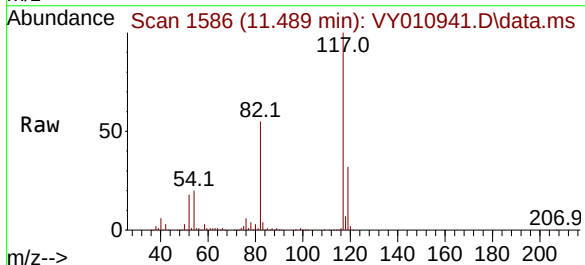
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

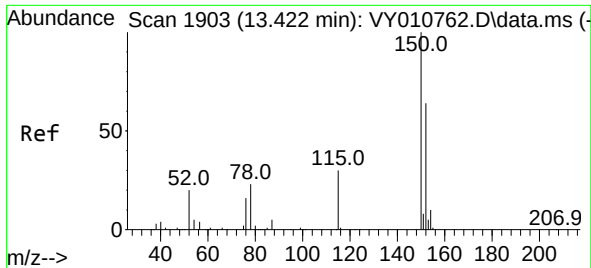
Tgt Ion: 95 Resp: 178464
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010941.D
Acq: 12 Oct 2022 14:55

Tgt Ion: 117 Resp: 354894
Ion Ratio Lower Upper
117 100
82 55.5 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: VY010941.D

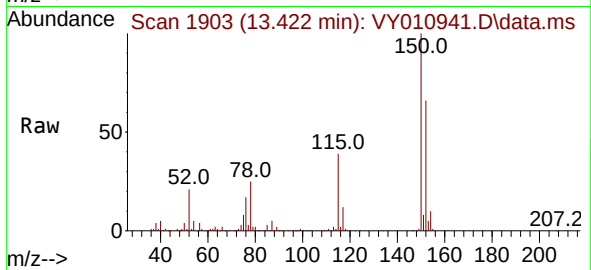
Acq: 12 Oct 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

WC-2



Tgt Ion:152 Resp: 143999

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 155.0 0.0 347.6

