

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048786.D
 Acq On : 01 Jun 2022 17:43
 Operator : SY/MD
 Sample : N3075-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WELL-1

Quant Time: Jun 02 06:02:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

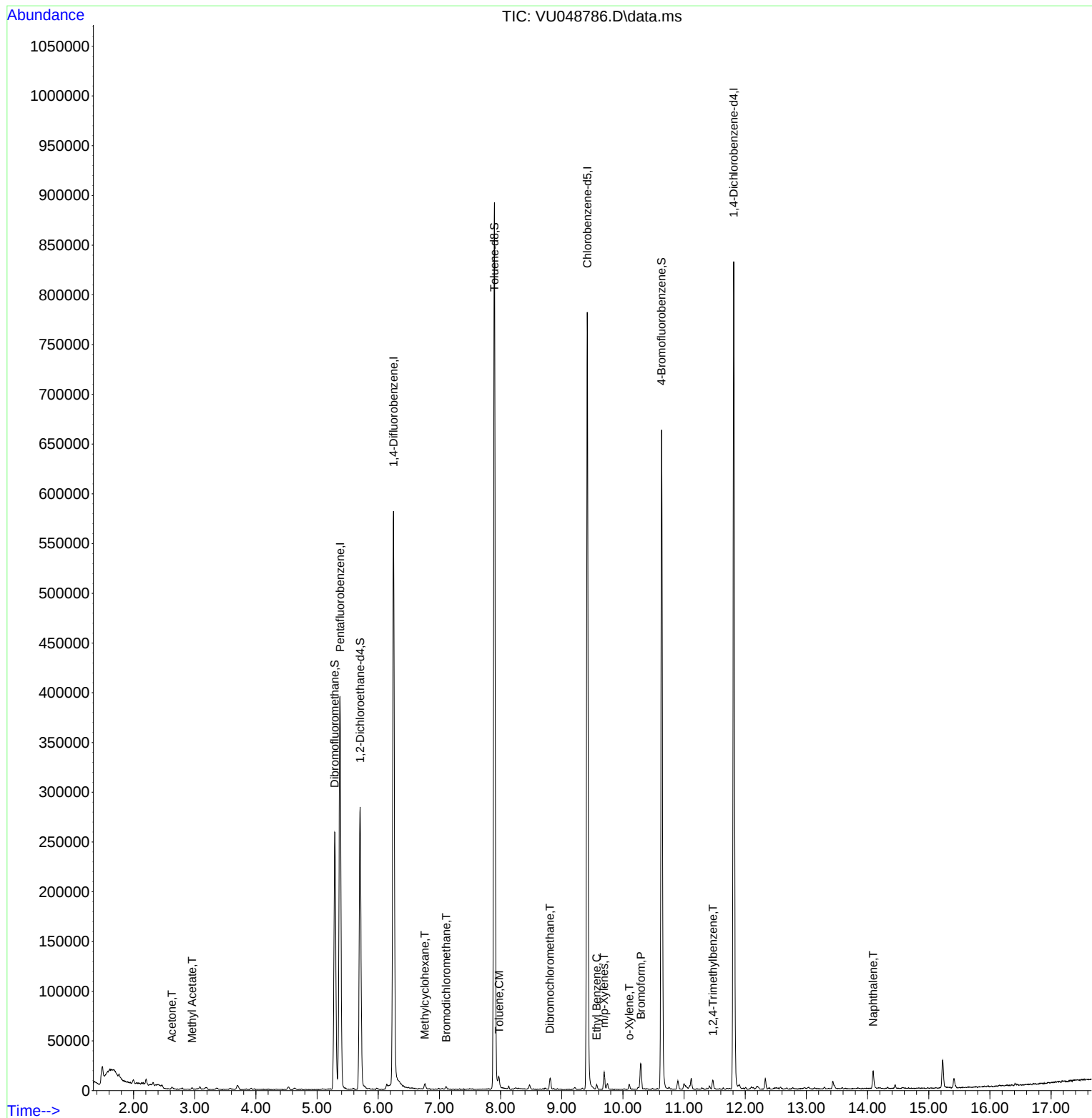
Internal Standards						
1) Pentafluorobenzene	5.375	168	274295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	468409	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	438673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	222421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	213888	51.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.840%	
35) Dibromofluoromethane	5.288	113	171374	51.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.560%	
50) Toluene-d8	7.899	98	603633	50.391	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	10.632	95	233827	51.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	2146	1.022	ug/l	90
18) Methyl Acetate	2.957	43	1834	0.348	ug/l #	78
39) Methylcyclohexane	6.761	83	2496	0.488	ug/l	92
47) Bromodichloromethane	7.111	83	2179	0.398	ug/l #	88
52) Toluene	7.976	92	3806	0.442	ug/l	92
60) Dibromochloromethane	8.809	129	6900	1.619	ug/l	88
67) Ethyl Benzene	9.571	91	3868	0.247	ug/l	90
68) m/p-Xylenes	9.693	106	5128	0.838	ug/l	97
69) o-Xylene	10.105	106	1297	0.216	ug/l	84
71) Bromoform	10.295	173	12365	3.797	ug/l #	98
84) 1,2,4-Trimethylbenzene	11.471	105	6011	1.623	ug/l	99
95) Naphthalene	14.092	128	16499	3.427	ug/l	97

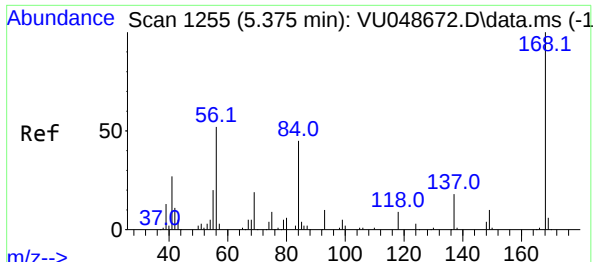
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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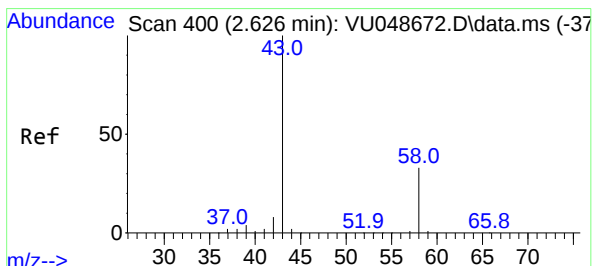
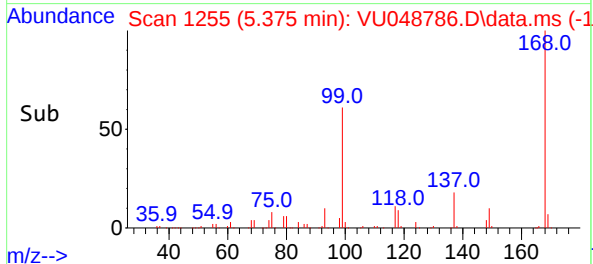
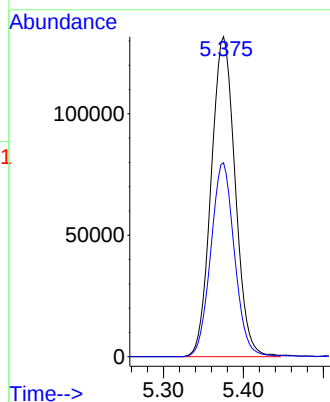
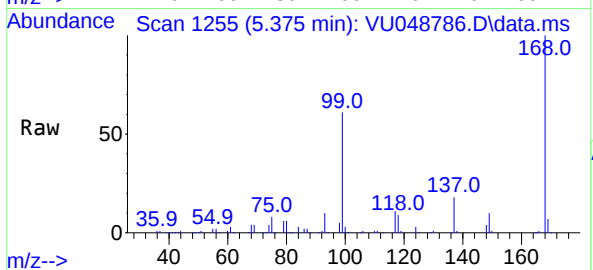




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

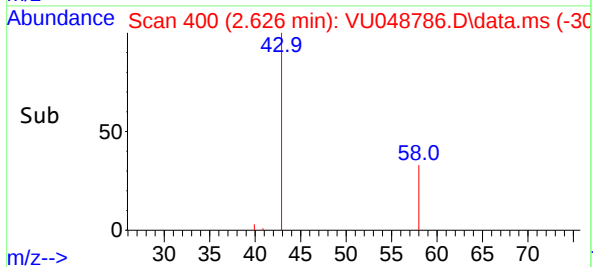
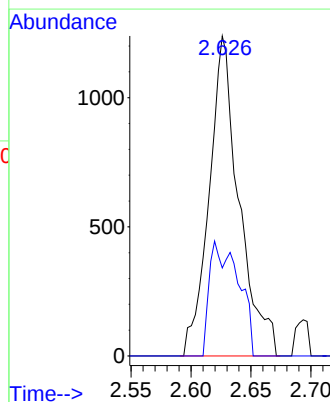
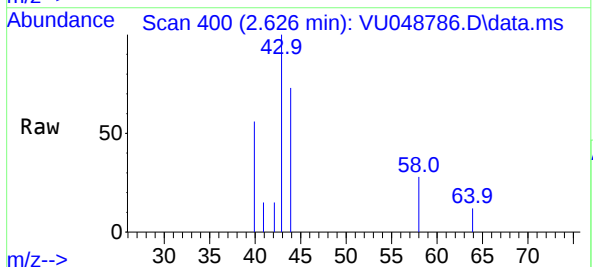
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

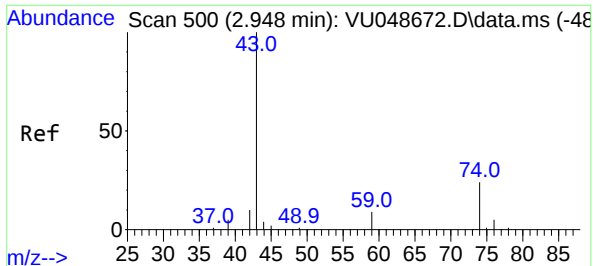
Tgt Ion:168 Resp: 274295
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#16
Acetone
Concen: 1.022 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion: 43 Resp: 2146
Ion Ratio Lower Upper
43 100
58 27.5 26.3 39.5

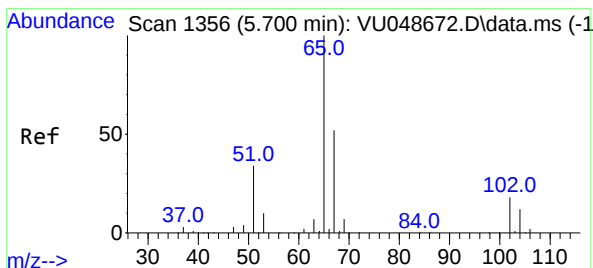
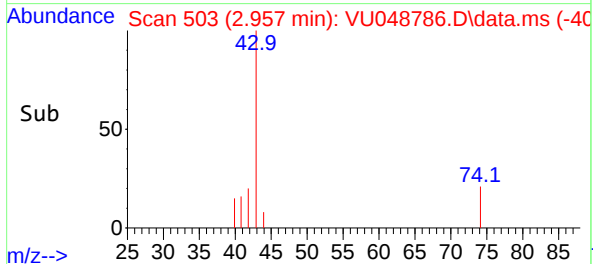
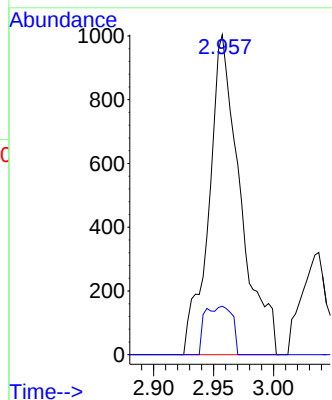
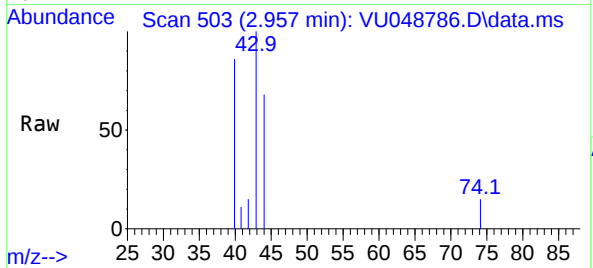




#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 2.957 min Scan# 500
Delta R.T. 0.010 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

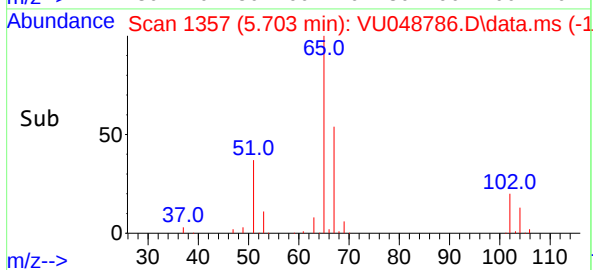
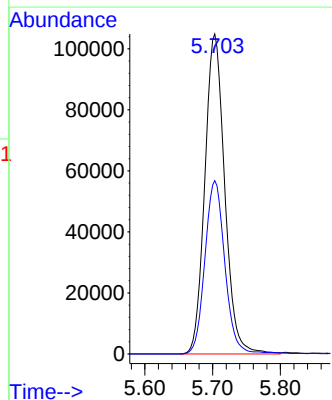
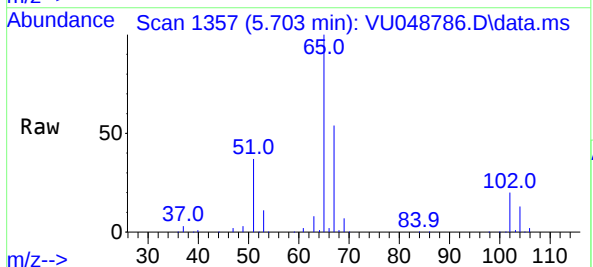
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

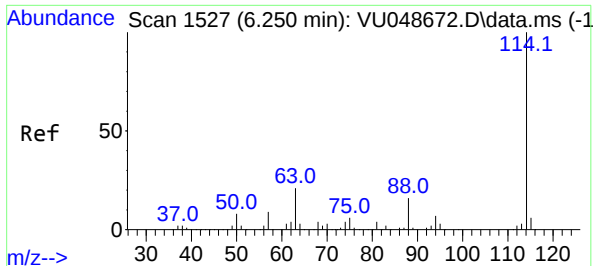
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
74 13.0 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.922 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion: 65 Resp: 213888
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048786.D

Acq: 01 Jun 2022 17:43

Instrument :

MSVOA_U

ClientSampleId :

WELL-1

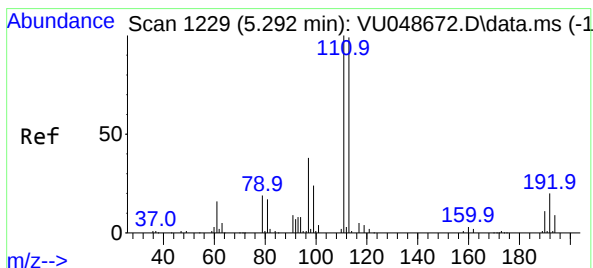
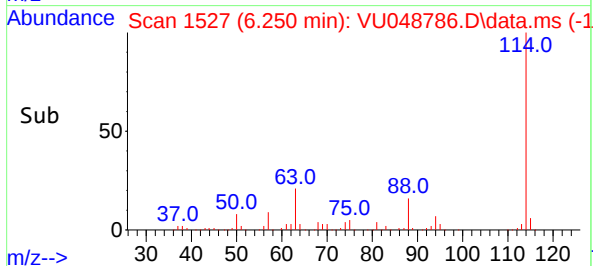
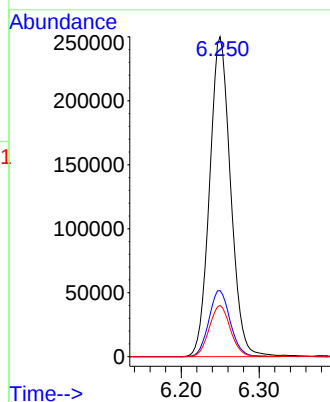
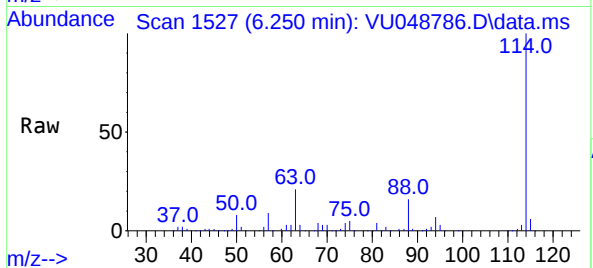
Tgt Ion:114 Resp: 468409

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.283 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048786.D

Acq: 01 Jun 2022 17:43

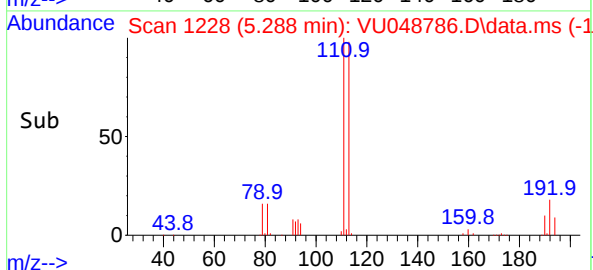
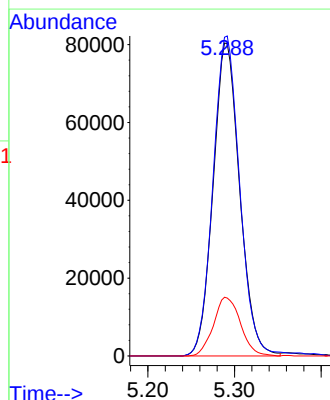
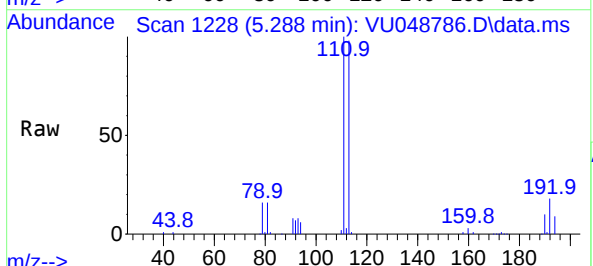
Tgt Ion:113 Resp: 171374

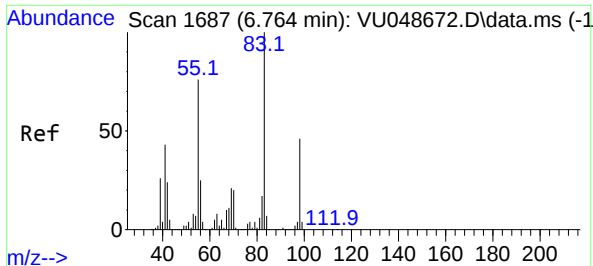
Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

192 19.0 15.9 23.9





#39

Methylcyclohexane

Concen: 0.488 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048786.D

Acq: 01 Jun 2022 17:43

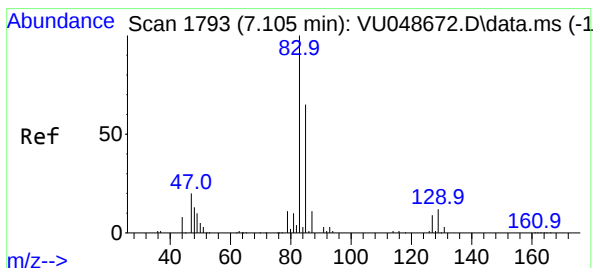
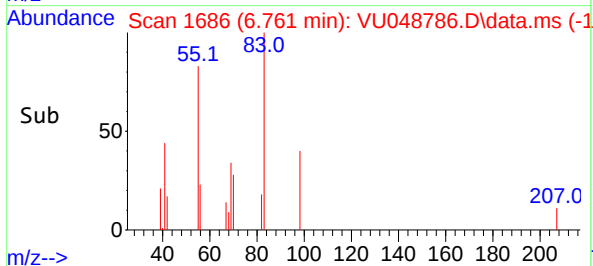
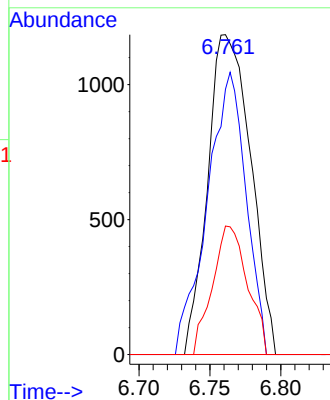
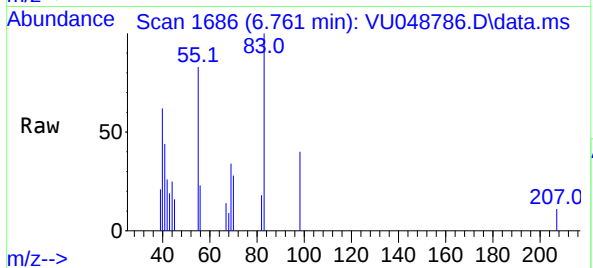
Instrument :

MSVOA_U

ClientSampleId :

WELL-1

Tgt Ion:	83	Resp:	2496
Ion	Ratio	Lower	Upper
83	100		
55	83.0	61.0	91.6
98	40.2	36.8	55.2



#47

Bromodichloromethane

Concen: 0.398 ug/l

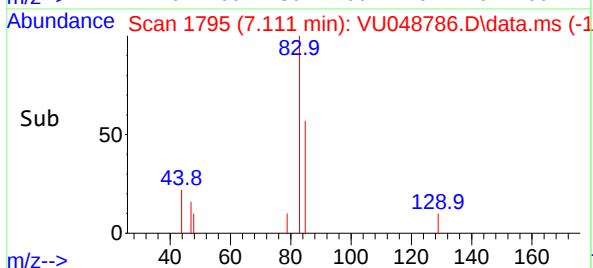
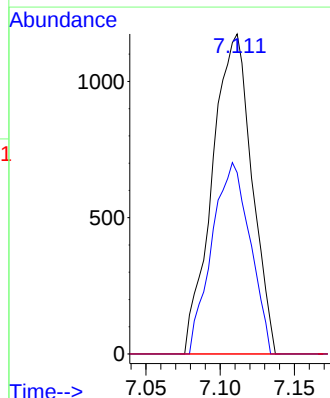
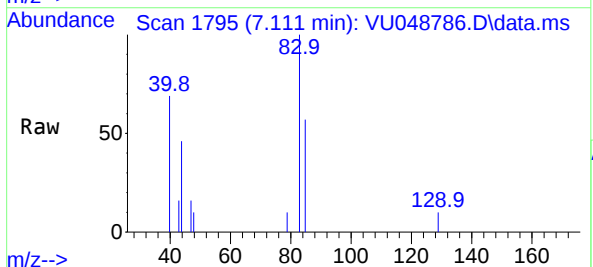
RT: 7.111 min Scan# 1795

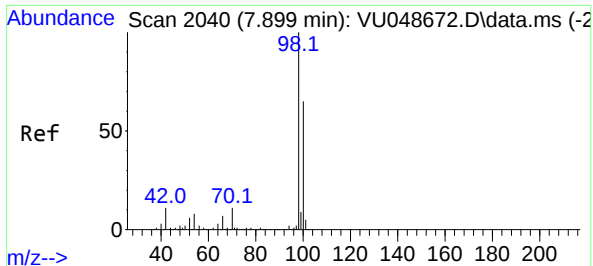
Delta R.T. 0.006 min

Lab File: VU048786.D

Acq: 01 Jun 2022 17:43

Tgt Ion:	83	Resp:	2179
Ion	Ratio	Lower	Upper
83	100		
85	56.6	52.1	78.1
127	0.0	6.9	10.3

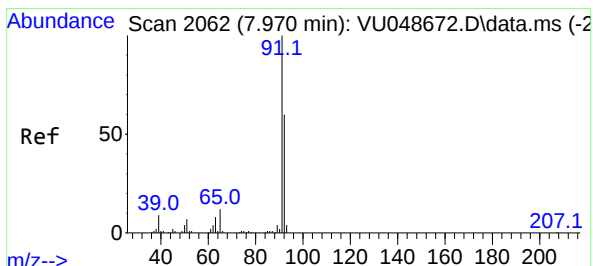
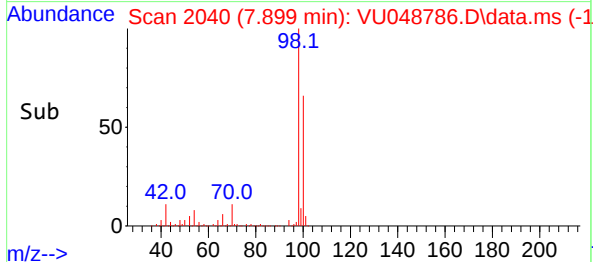
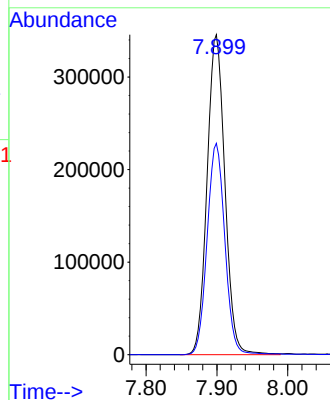
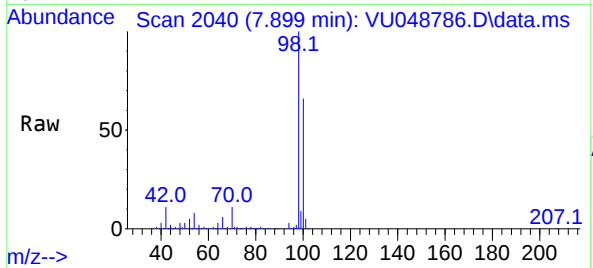




#50
Toluene-d8
Concen: 50.391 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

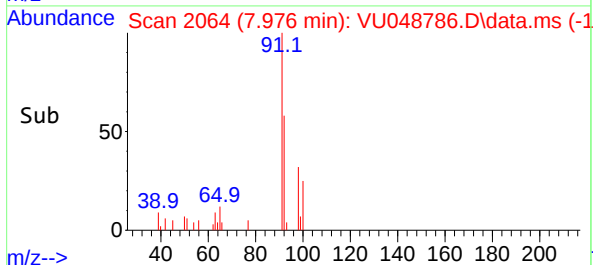
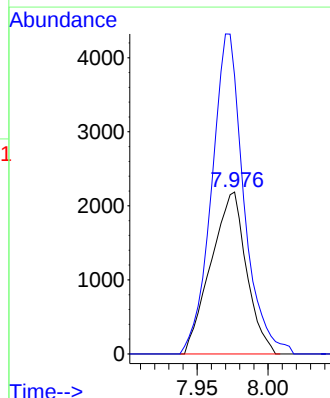
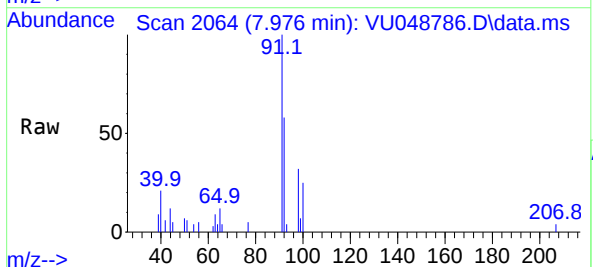
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

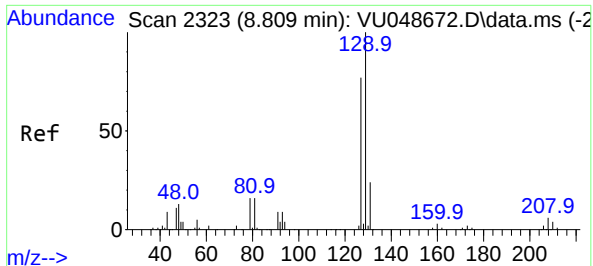
Tgt Ion: 98 Resp: 603633
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#52
Toluene
Concen: 0.442 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion: 92 Resp: 3806
Ion Ratio Lower Upper
92 100
91 179.2 135.0 202.4

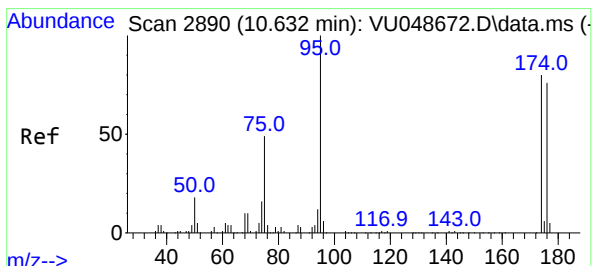
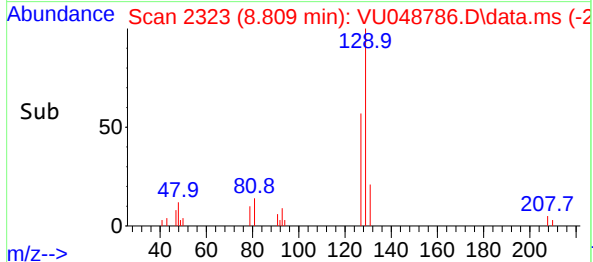
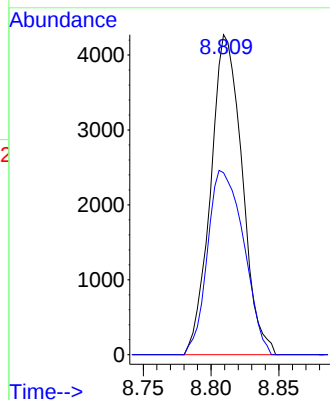
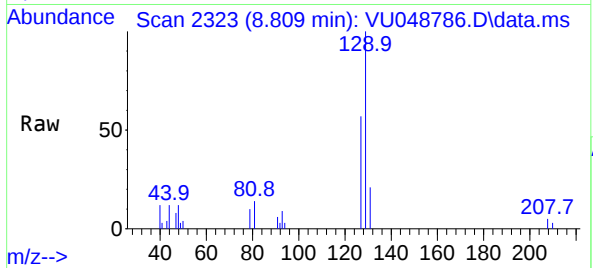




#60
Dibromochloromethane
Concen: 1.619 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

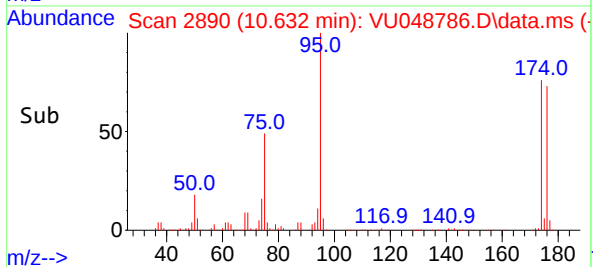
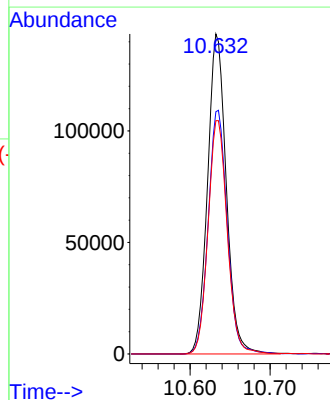
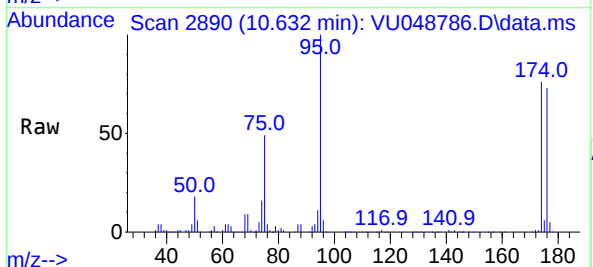
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

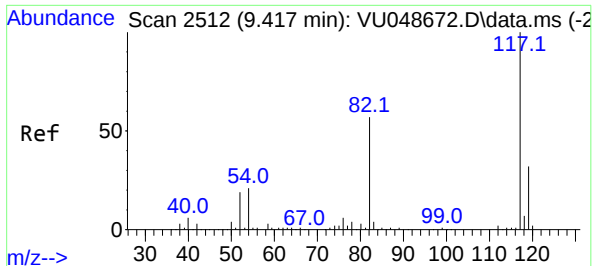
Tgt Ion:129 Resp: 6900
Ion Ratio Lower Upper
129 100
127 66.2 38.5 115.3



#62
4-Bromofluorobenzene
Concen: 51.614 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion: 95 Resp: 233827
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.4
176 74.5 0.0 152.4

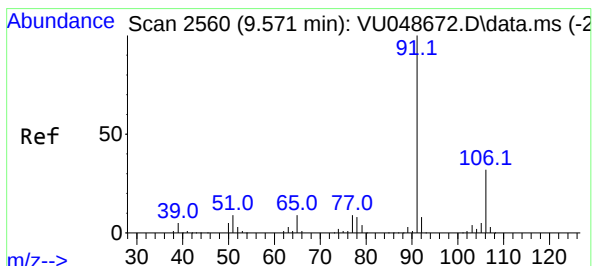
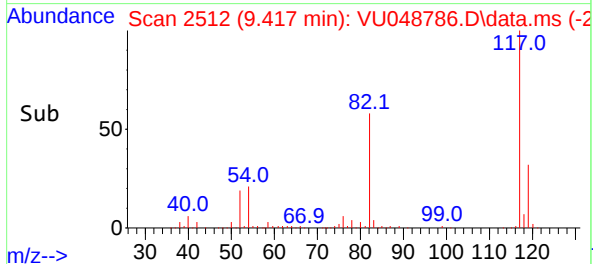
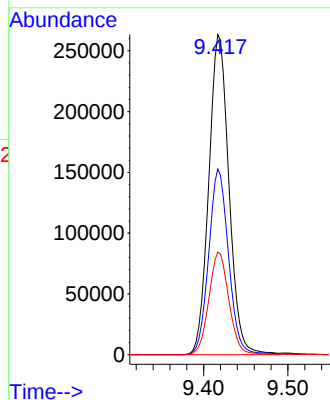
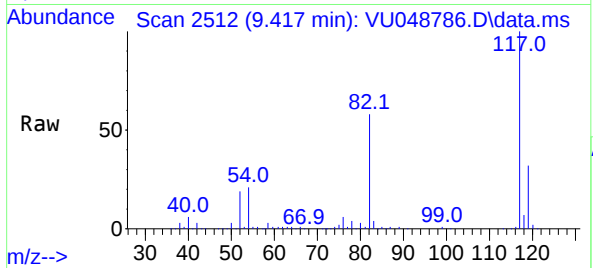




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

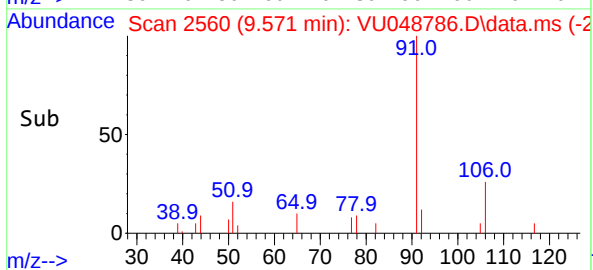
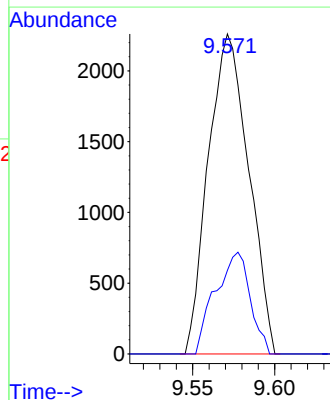
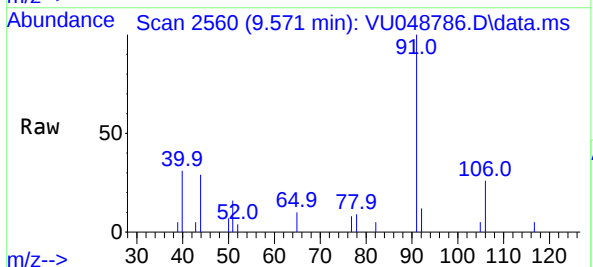
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

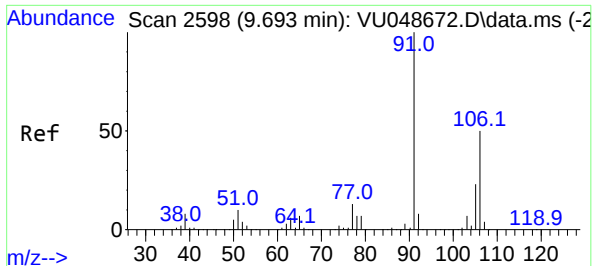
Tgt Ion:117 Resp: 438673
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 0.247 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion: 91 Resp: 3868
Ion Ratio Lower Upper
91 100
106 26.1 25.4 38.2

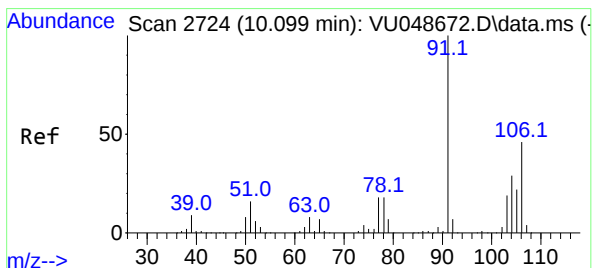
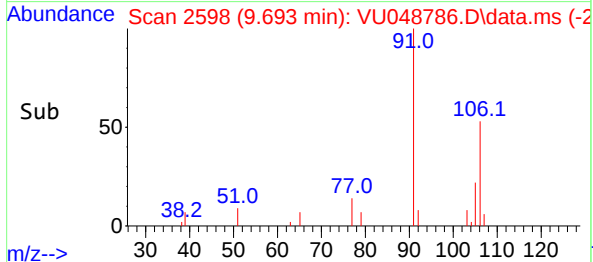
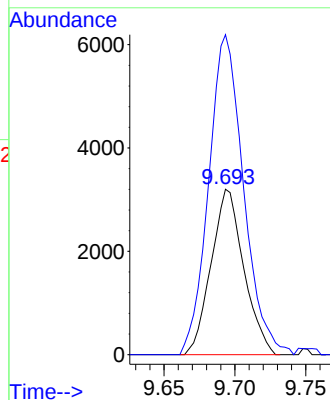
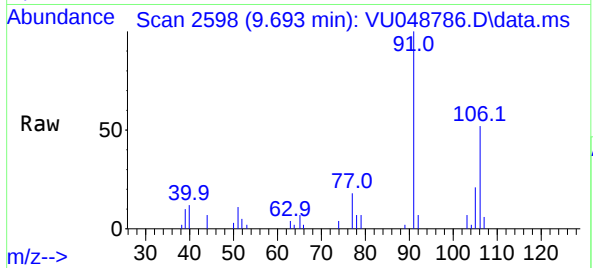




#68
m/p-Xylenes
Concen: 0.838 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

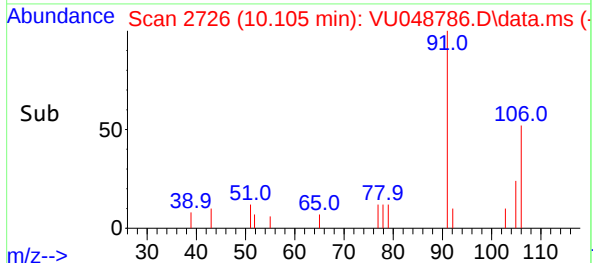
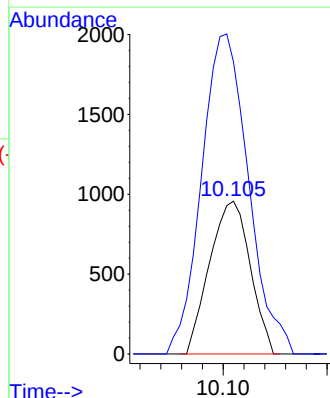
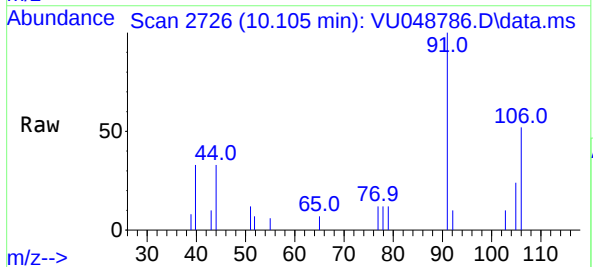
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

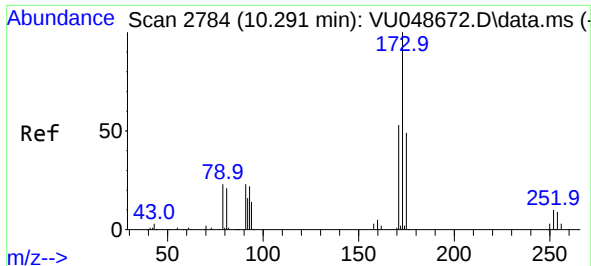
Tgt Ion:106 Resp: 5128
Ion Ratio Lower Upper
106 100
91 206.8 162.4 243.6



#69
o-Xylene
Concen: 0.216 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.006 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion:106 Resp: 1297
Ion Ratio Lower Upper
106 100
91 241.6 107.7 323.3

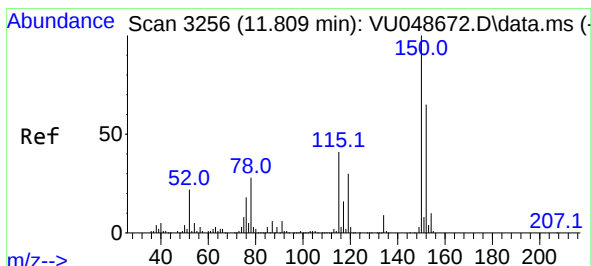
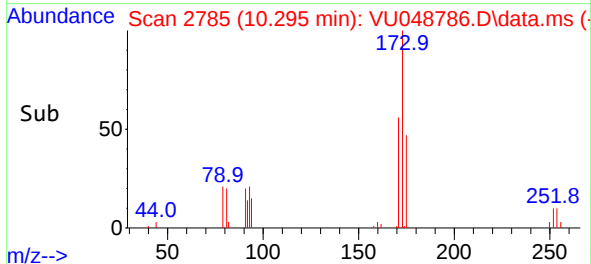
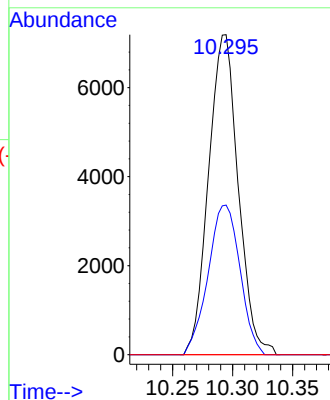
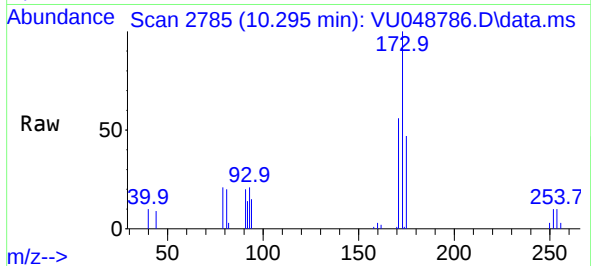




#71
Bromoform
Concen: 3.797 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

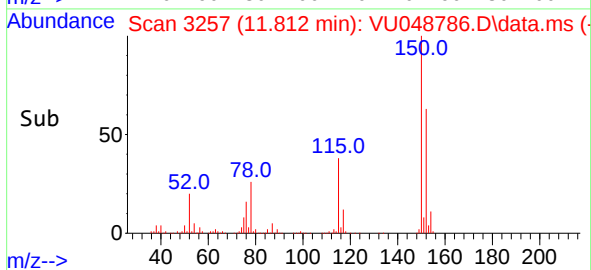
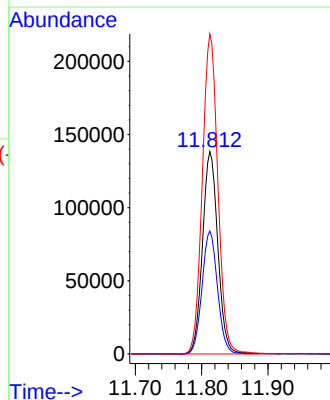
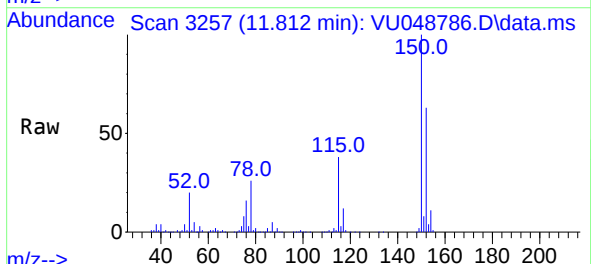
Instrument :
MSVOA_U
ClientSampleId :
WELL-1

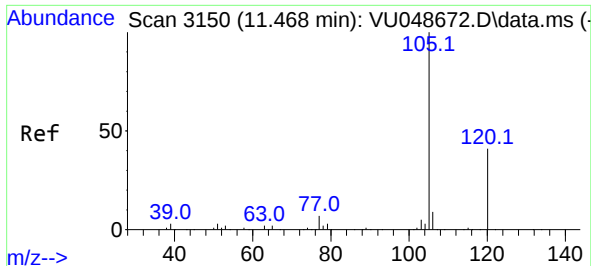
Tgt Ion:173 Resp: 12365
Ion Ratio Lower Upper
173 100
175 50.2 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion:152 Resp: 222421
Ion Ratio Lower Upper
152 100
115 61.1 41.8 125.4
150 160.0 0.0 341.0

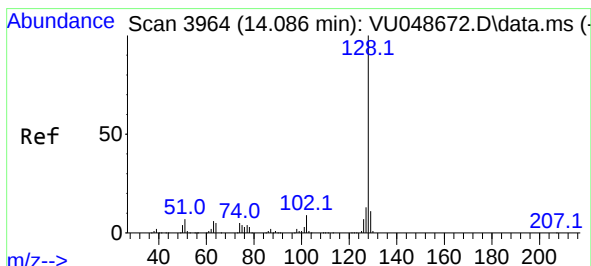
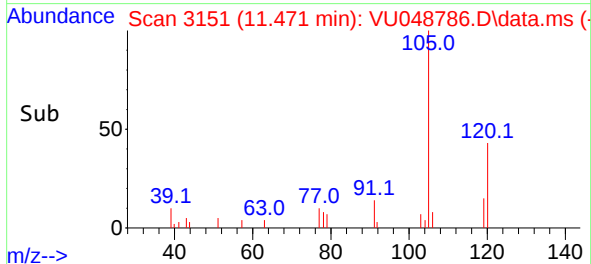
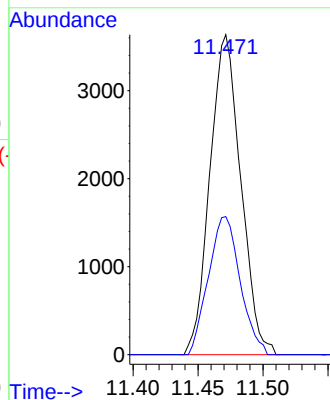
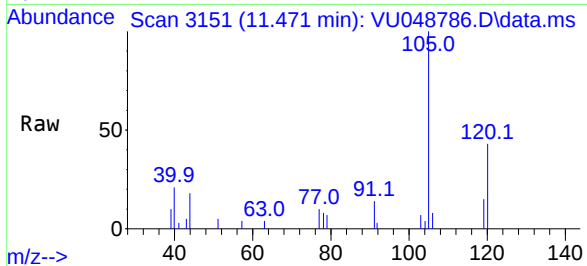




#84
1,2,4-Trimethylbenzene
Concen: 1.623 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Instrument :
MSVOA_U
ClientSampleId :
WELL-1

Tgt Ion:105 Resp: 6011
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5



#95
Naphthalene
Concen: 3.427 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU048786.D
Acq: 01 Jun 2022 17:43

Tgt Ion:128 Resp: 16499
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 12.1 8.7 13.1

