

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052659.D
 Acq On : 12 Jan 2023 12:06
 Operator : JC/MD
 Sample : VU0112WBL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL03

Quant Time: Jan 13 01:43:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

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

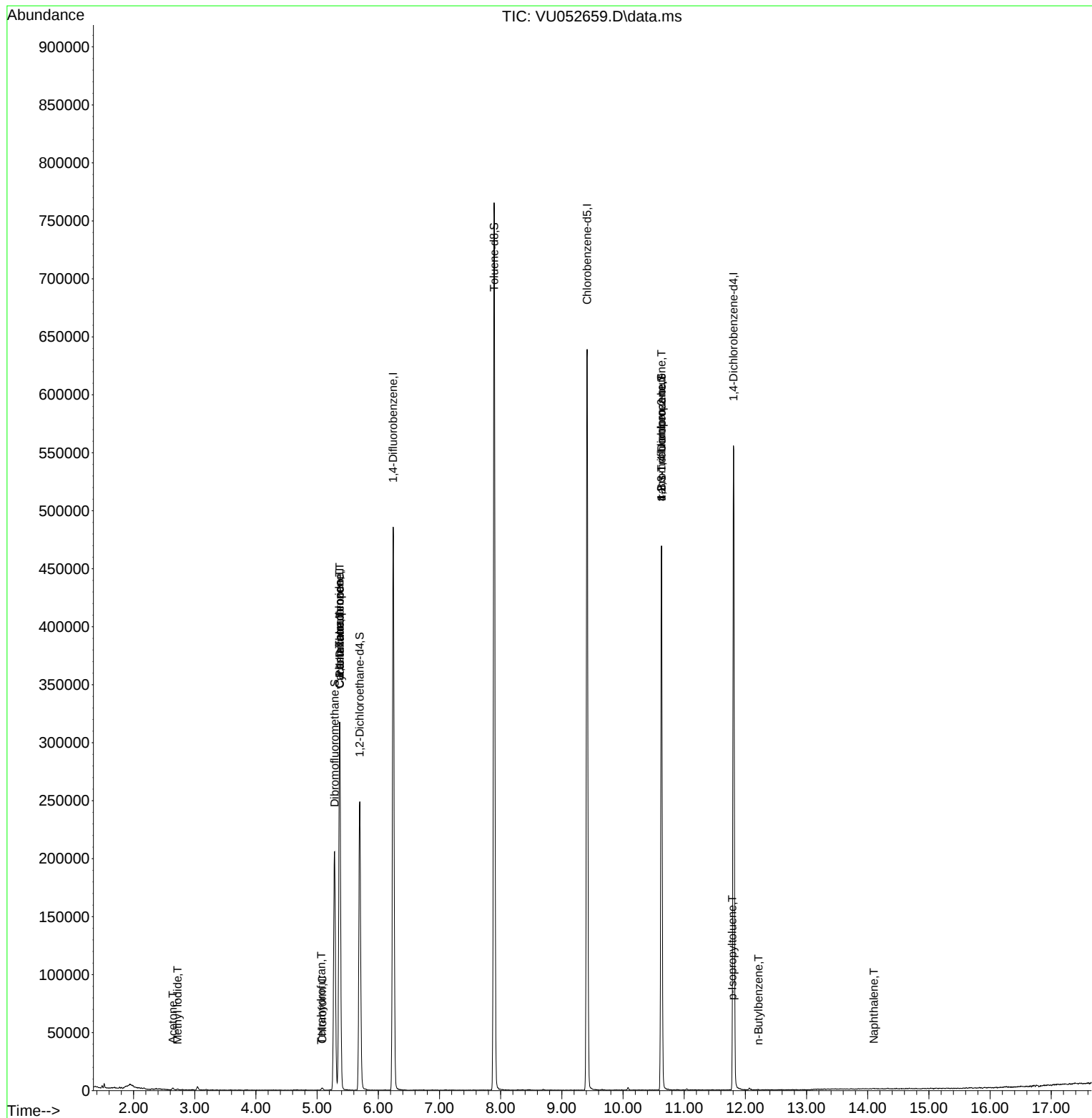
Internal Standards						
1) Pentafluorobenzene	5.369	168	211864	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.244	114	378470	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	344738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	145677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	186045	54.964	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.920%	
35) Dibromofluoromethane	5.285	113	136203	52.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	7.893	98	486787	48.639	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	10.629	95	158287	43.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2306	Below Cal		96
10) Methyl Iodide	2.720	142	658	0.253	ug/l #	57
16) Acetone	2.642	43	1755	1.011	ug/l #	88
20) Methylene Chloride	3.047	84	1411	Below Cal		89
29) Tetrahydrofuran	5.070	42	308	0.213	ug/l #	26
30) Chloroform	5.083	83	1560	0.278	ug/l	84
31) Cyclohexane	5.372	56	4709	0.902	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	18811	4.585	ug/l #	48
38) Carbon Tetrachloride	5.366	117	21988	5.780	ug/l #	16
76) 1,2,3-Trichloropropane	10.629	75	80097	17.361	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.629	75	80097	66.279	ug/l #	15
86) p-Isopropyltoluene	11.783	119	48	0.925	ug/l #	50
89) n-Butylbenzene	12.214	91	231	2.216	ug/l #	42
95) Naphthalene	14.102	128	896	2.190	ug/l #	69

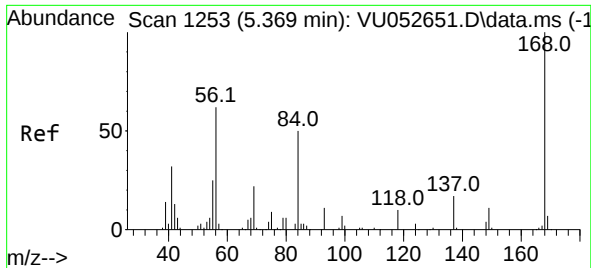
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 01:43:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 13 01:24:13 2023
Response via : Initial Calibration

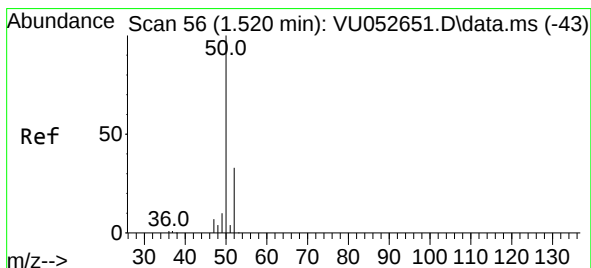
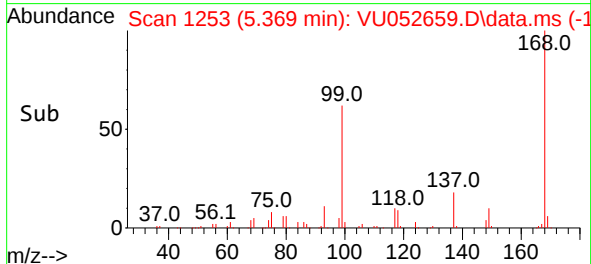
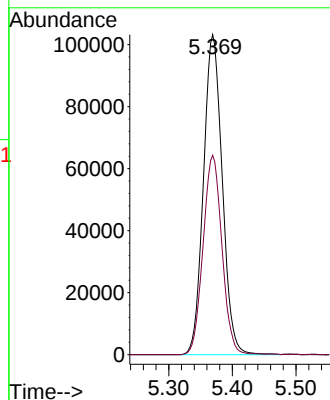
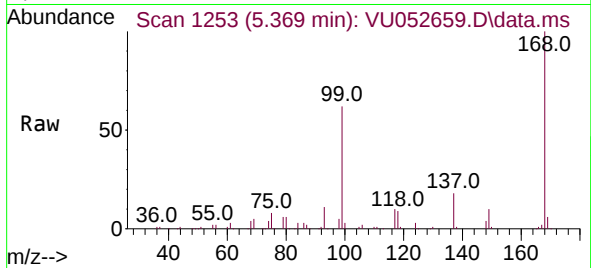




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

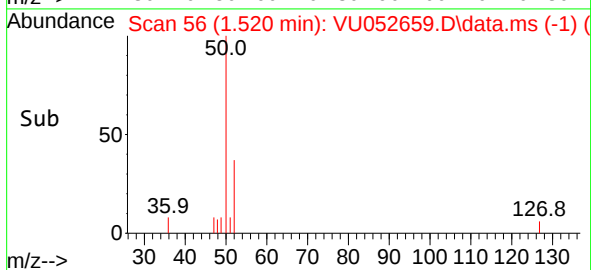
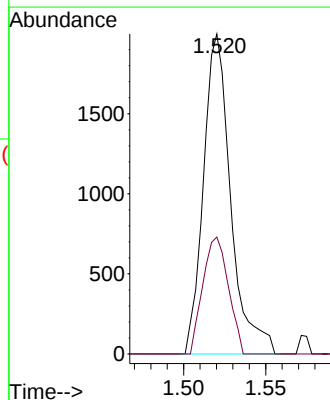
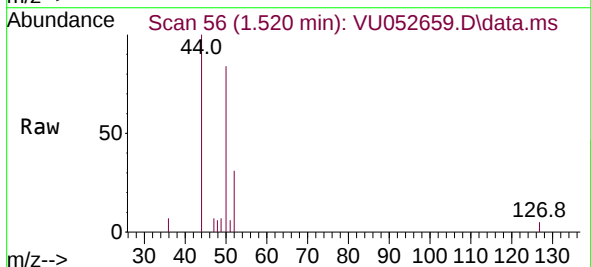
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

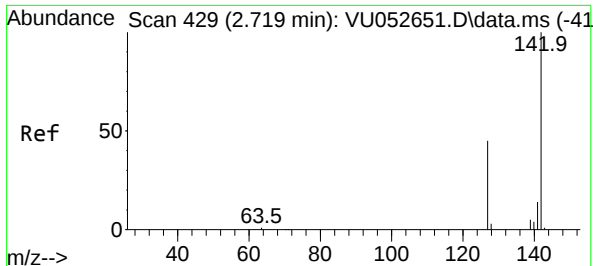
Tgt Ion:168 Resp: 211864
Ion Ratio Lower Upper
168 100
99 62.3 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Tgt Ion: 50 Resp: 2306
Ion Ratio Lower Upper
50 100
52 36.5 27.4 41.2





#10

Methyl Iodide

Concen: 0.253 ug/l

RT: 2.720 min Scan# 41

Delta R.T. 0.001 min

Lab File: VU052659.D

Acq: 12 Jan 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VU0112WBL03

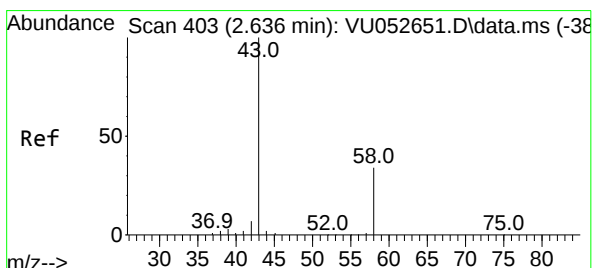
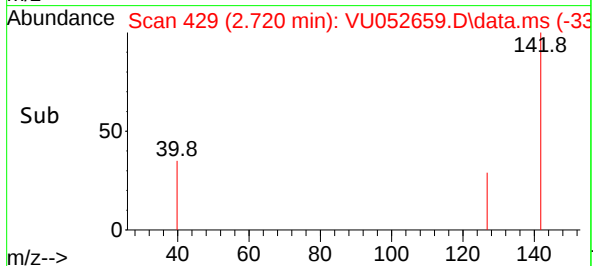
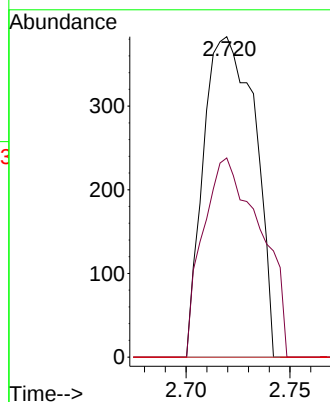
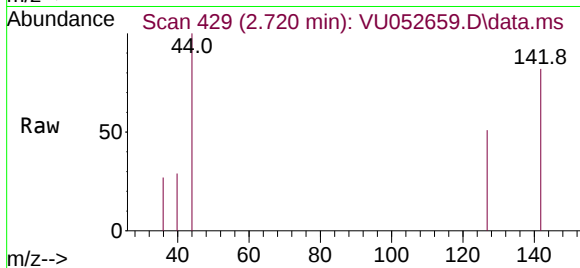
Tgt Ion:142 Resp: 658

Ion Ratio Lower Upper

142 100

127 69.5 32.5 48.7#

141 0.0 11.4 17.0#



#16

Acetone

Concen: 1.011 ug/l

RT: 2.642 min Scan# 405

Delta R.T. 0.006 min

Lab File: VU052659.D

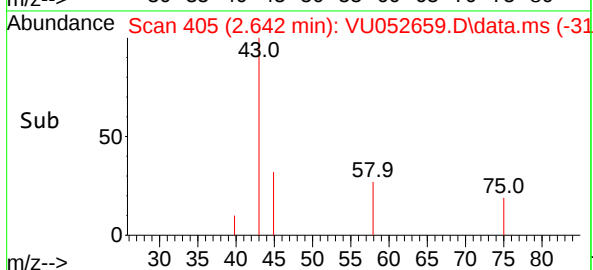
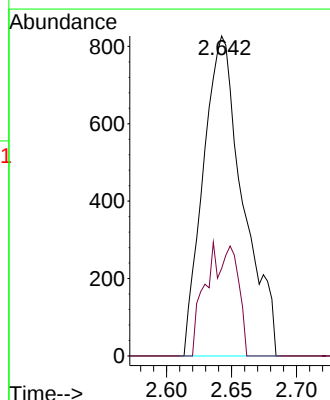
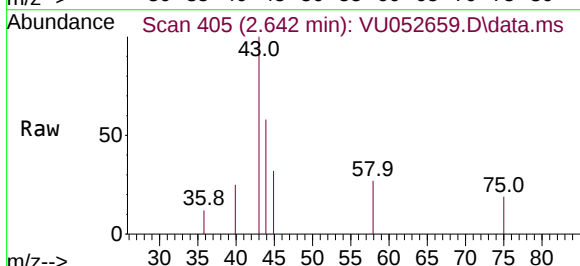
Acq: 12 Jan 2023 12:06

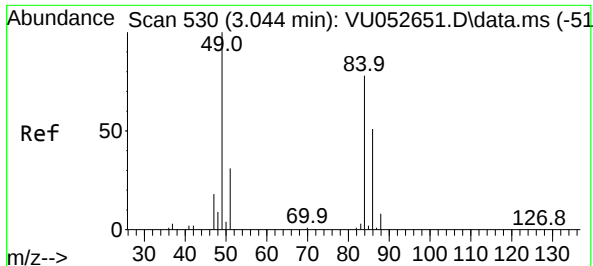
Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

43 100

58 27.3 27.5 41.3#

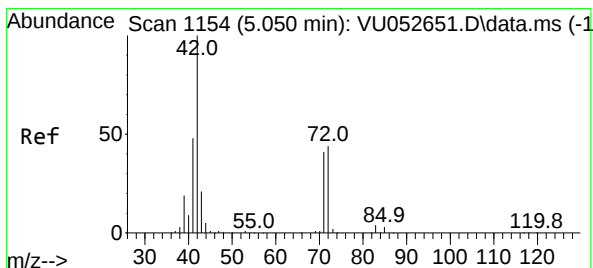
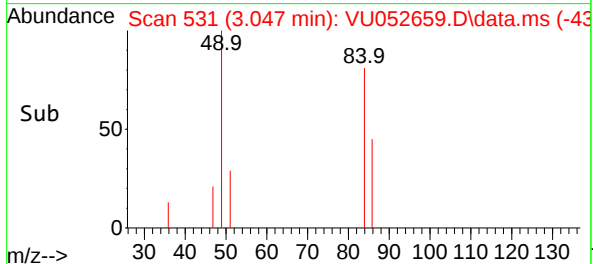
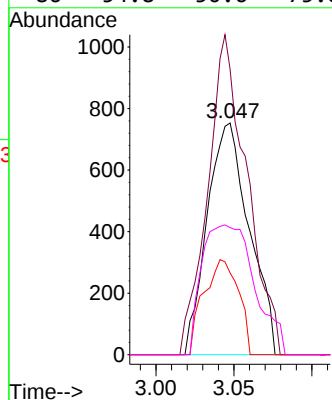
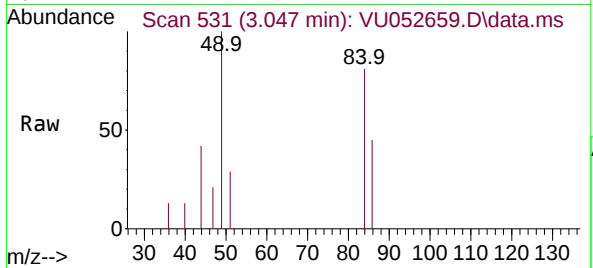




#20
Methylene Chloride
Concen: Below Cal
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

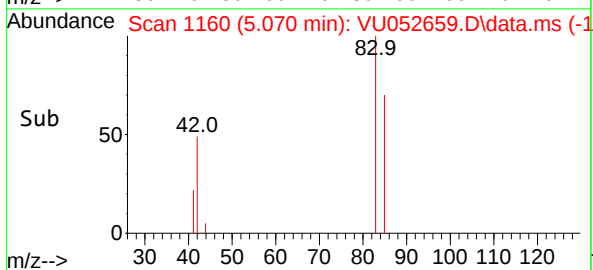
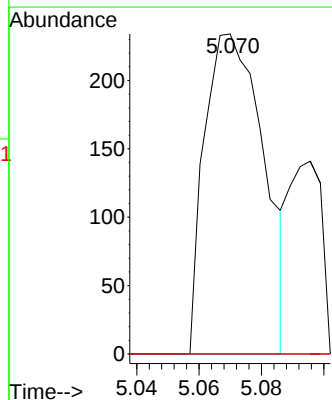
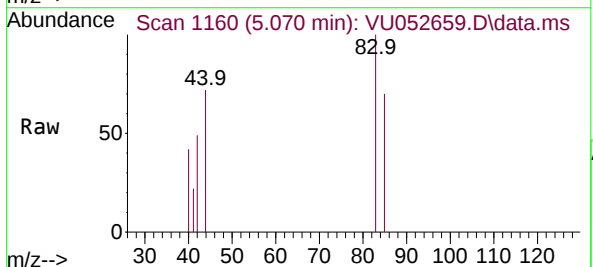
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

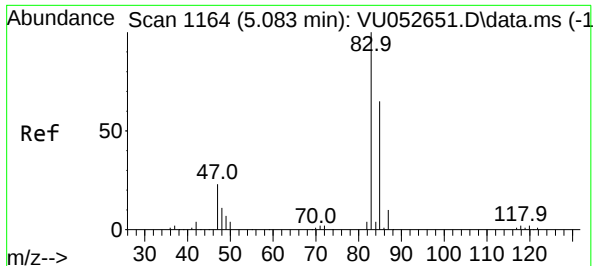
Tgt Ion:	84	Resp:	1411
Ion	Ratio	Lower	Upper
84	100		
49	123.1	86.6	129.8
51	35.3	26.6	40.0
86	54.8	50.6	75.8



#29
Tetrahydrofuran
Concen: 0.213 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.020 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Tgt Ion:	42	Resp:	308
Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.6	63.8#
71	0.0	40.3	60.5#

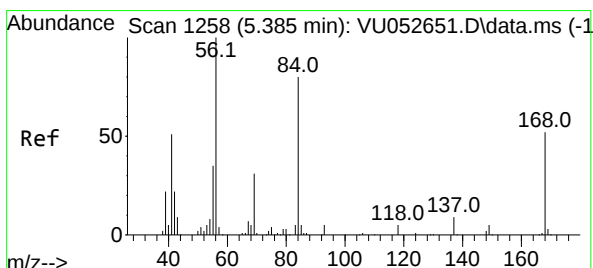
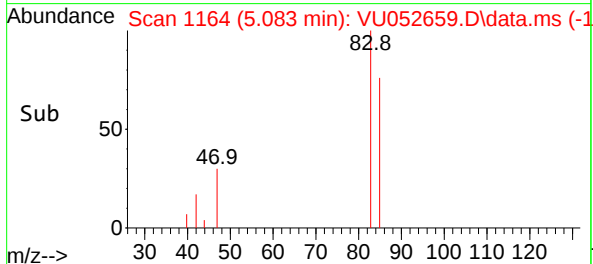
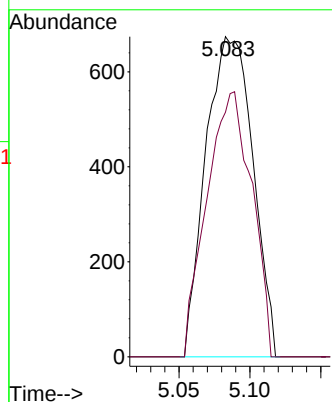
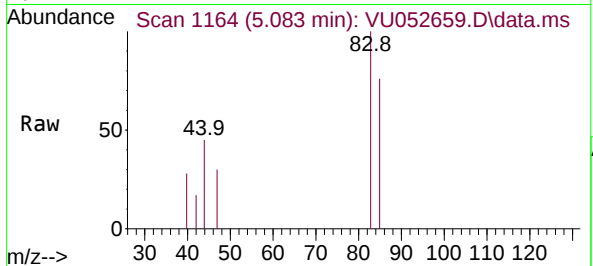




#30
Chloroform
Concen: 0.278 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

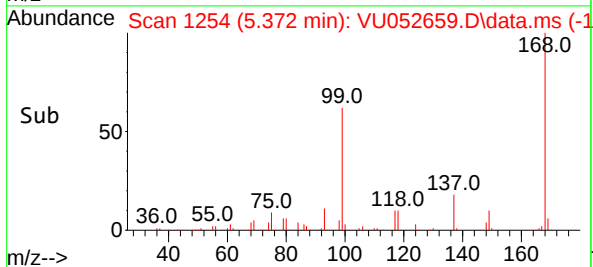
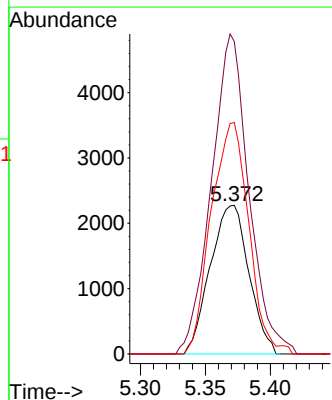
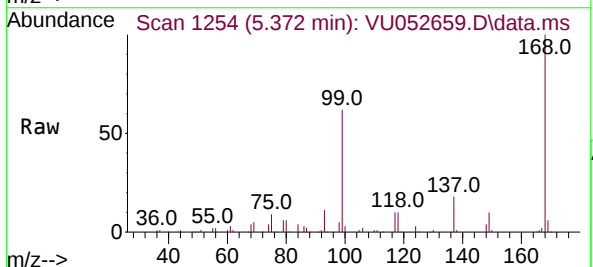
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

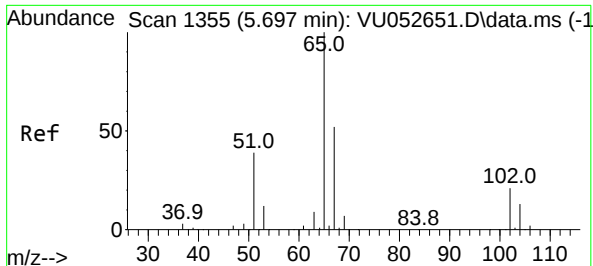
Tgt Ion: 83 Resp: 1560
Ion Ratio Lower Upper
83 100
85 76.4 51.2 76.8



#31
Cyclohexane
Concen: 0.902 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.013 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Tgt Ion: 56 Resp: 4709
Ion Ratio Lower Upper
56 100
69 205.6 27.8 41.8#
84 155.8 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 54.964 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052659.D

Acq: 12 Jan 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

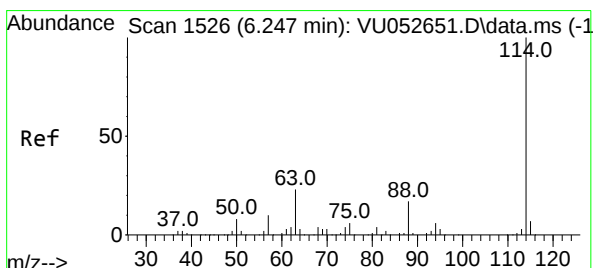
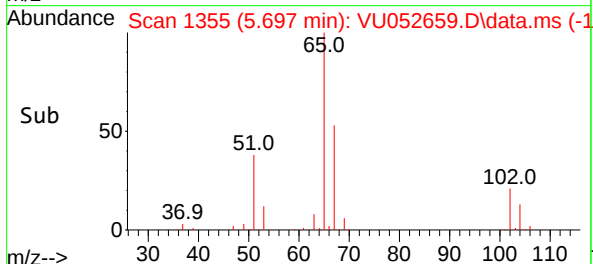
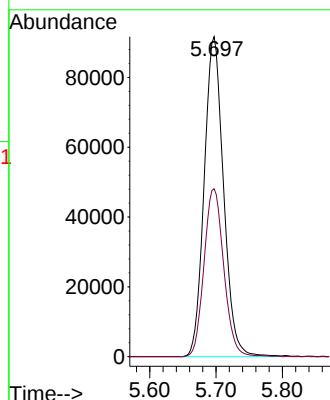
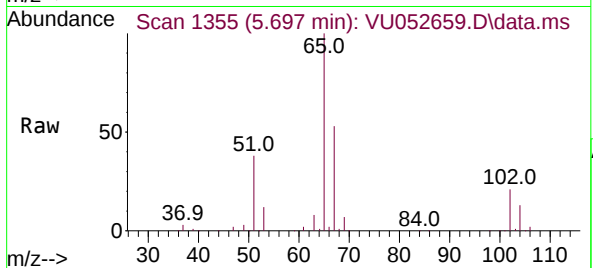
VU0112WBL03

Tgt Ion: 65 Resp: 186045

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. -0.003 min

Lab File: VU052659.D

Acq: 12 Jan 2023 12:06

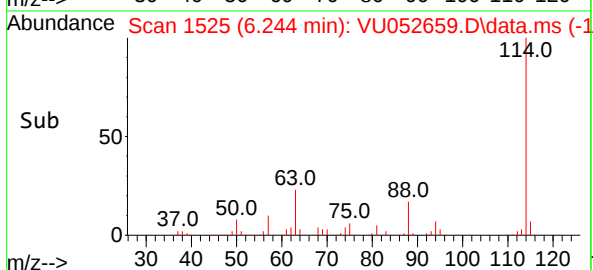
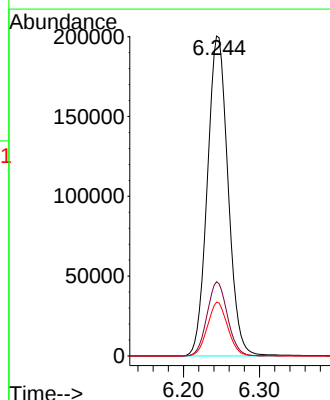
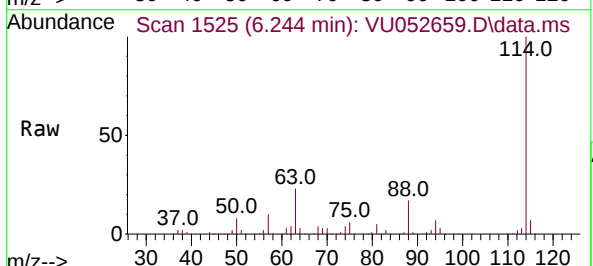
Tgt Ion:114 Resp: 378470

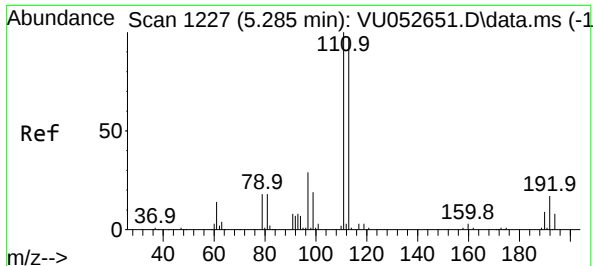
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.8 0.0 29.2

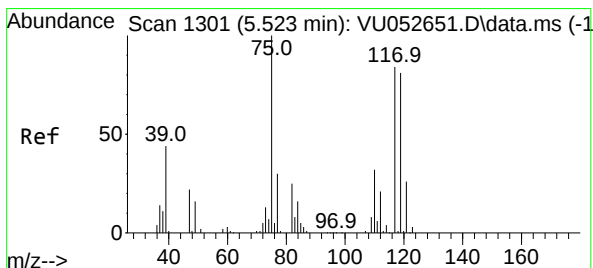
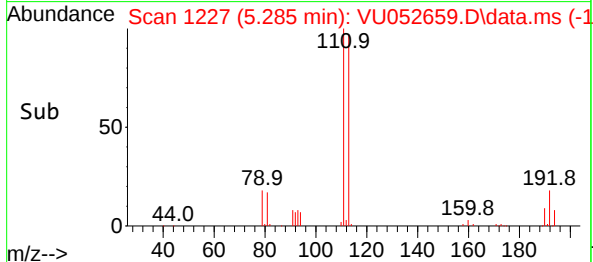
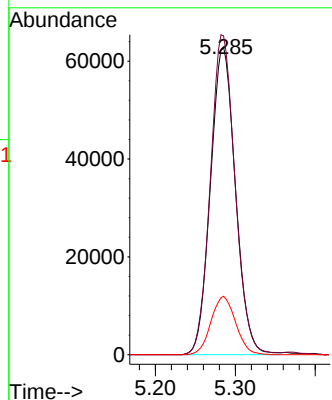
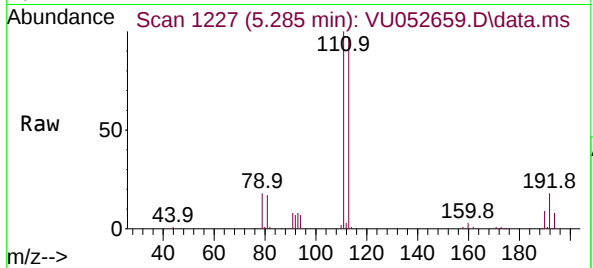




#35
Dibromofluoromethane
Concen: 52.248 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

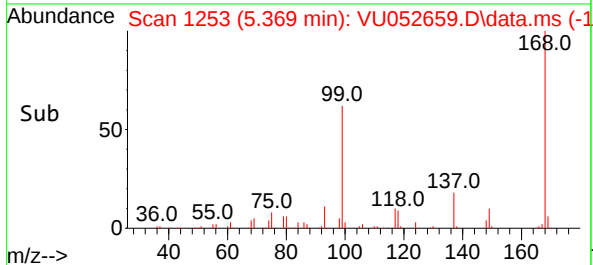
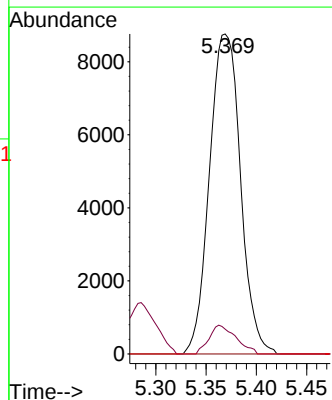
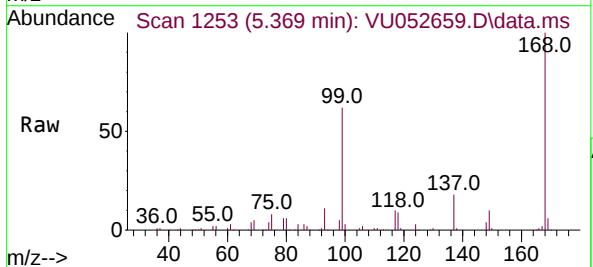
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

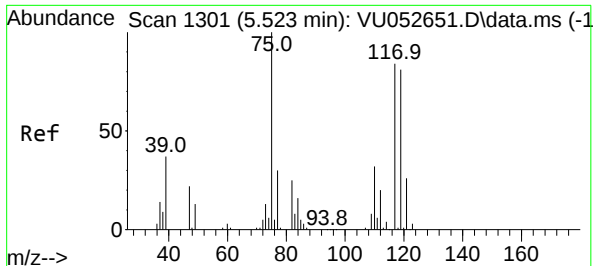
Tgt Ion:113 Resp: 136203
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 18.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.154 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

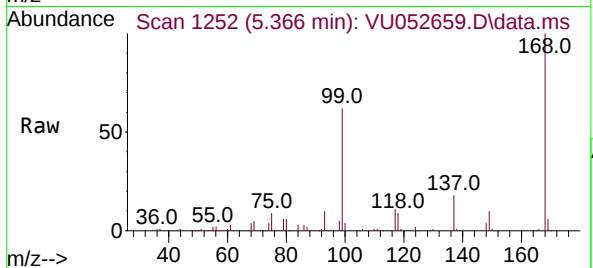
Tgt Ion: 75 Resp: 18811
Ion Ratio Lower Upper
75 100
110 7.8 18.4 55.2#
77 0.0 25.1 37.7#



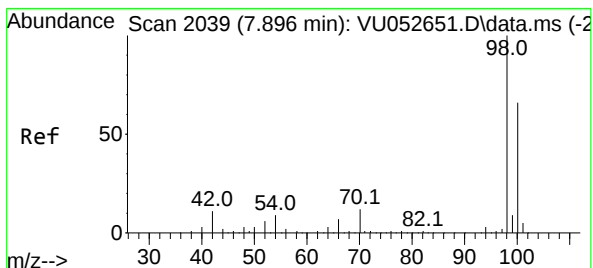
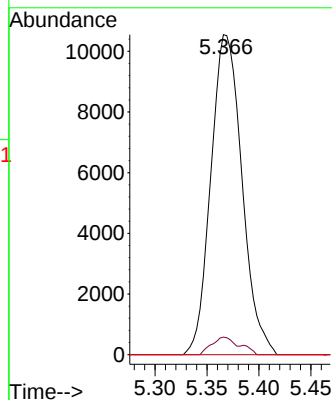
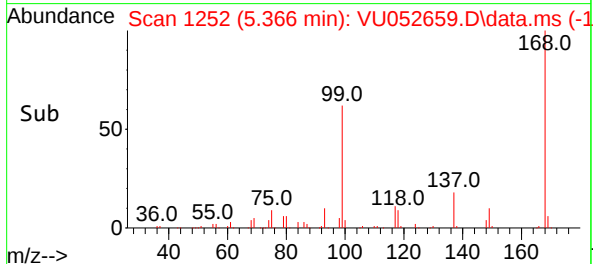


#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 5.366 min Scan# 117
Delta R.T. -0.157 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

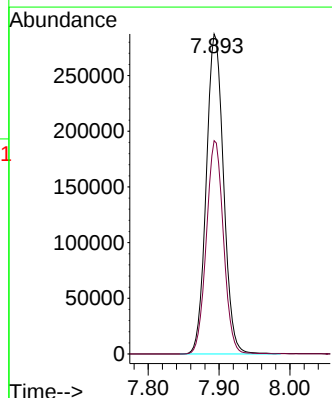
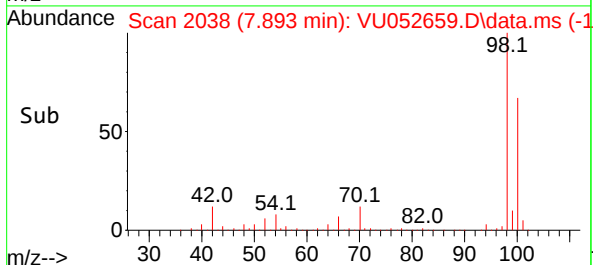
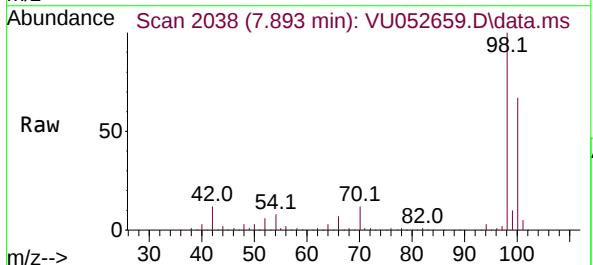


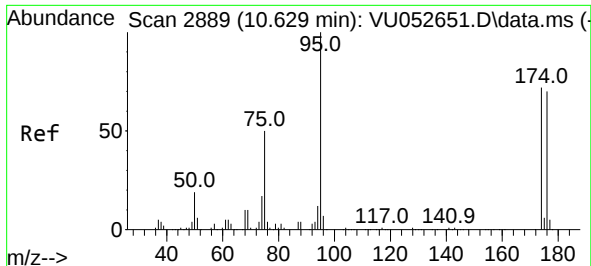
Tgt Ion:117 Resp: 21988
Ion Ratio Lower Upper
117 100
119 5.5 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.639 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.003 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Tgt Ion: 98 Resp: 486787
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5

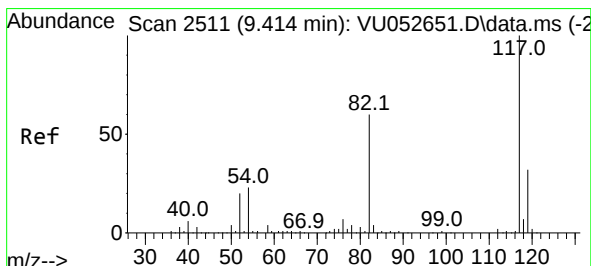
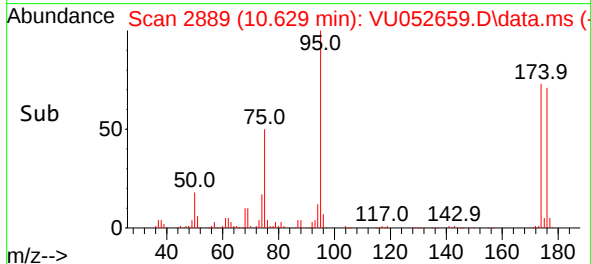
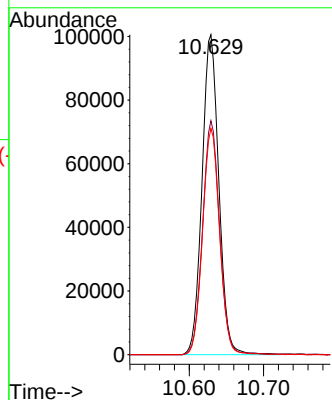
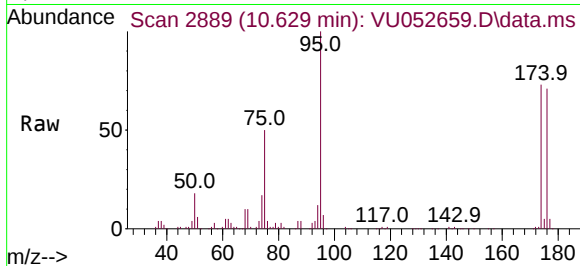




#62
4-Bromofluorobenzene
Concen: 43.640 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

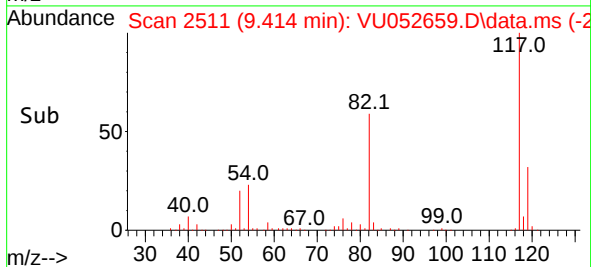
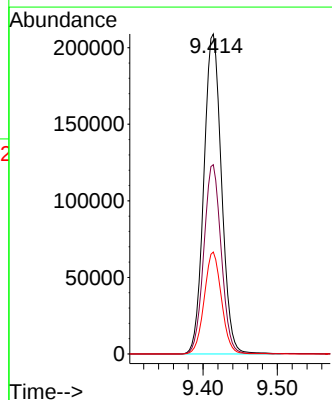
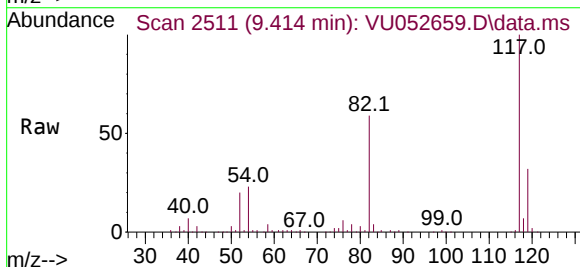
Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

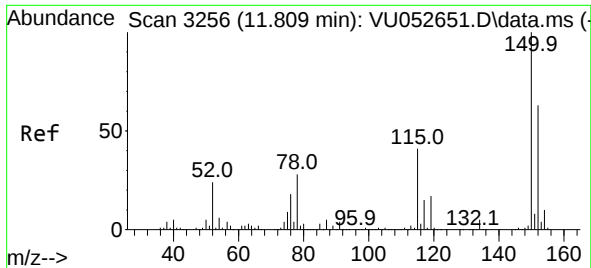
Tgt Ion: 95 Resp: 158287
Ion Ratio Lower Upper
95 100
174 73.8 0.0 182.0
176 71.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Tgt Ion: 117 Resp: 344738
Ion Ratio Lower Upper
117 100
82 59.2 41.7 62.5
119 31.9 25.7 38.5

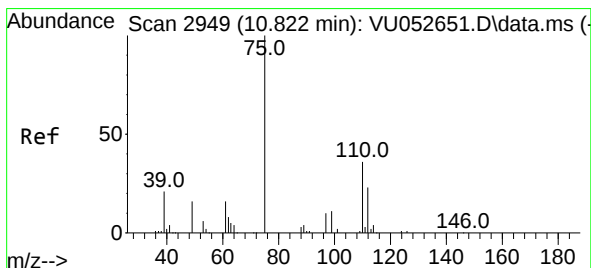
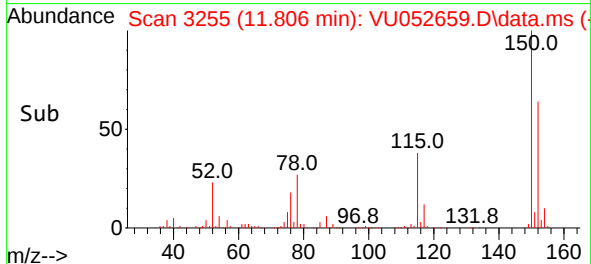
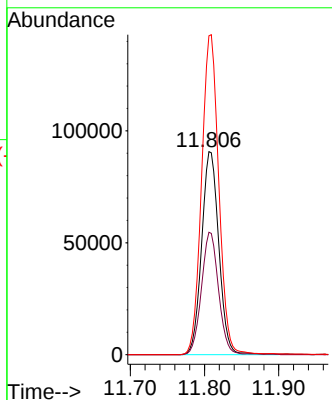
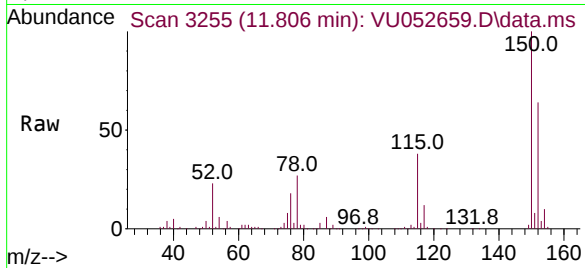




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU052659.D
 Acq: 12 Jan 2023 12:06

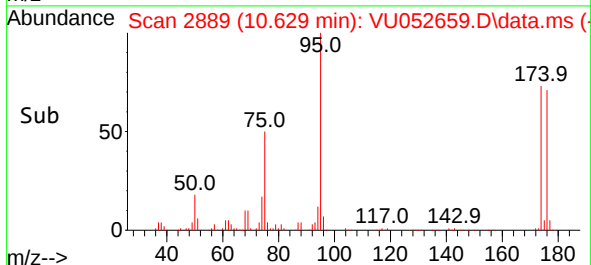
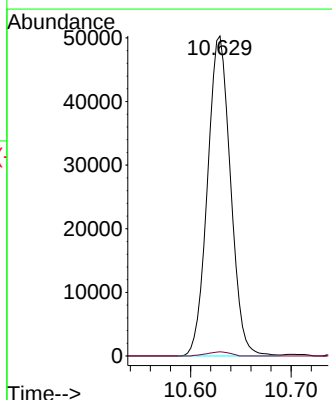
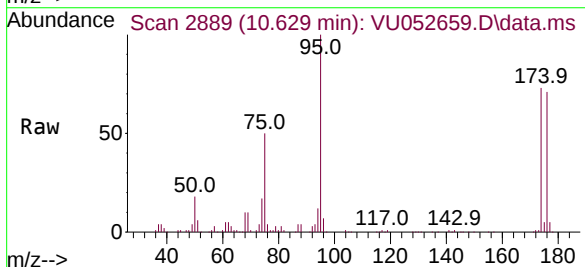
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL03

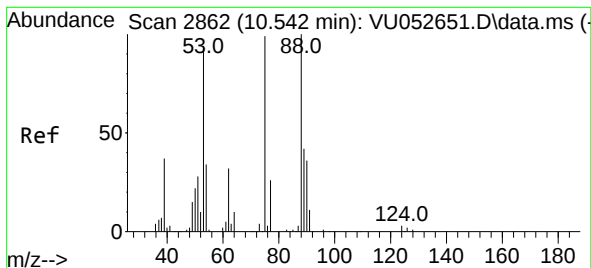
Tgt Ion:152 Resp: 145677
 Ion Ratio Lower Upper
 152 100
 115 60.0 37.0 110.9
 150 157.6 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 17.361 ug/l
 RT: 10.629 min Scan# 2889
 Delta R.T. -0.193 min
 Lab File: VU052659.D
 Acq: 12 Jan 2023 12:06

Tgt Ion: 75 Resp: 80097
 Ion Ratio Lower Upper
 75 100
 77 1.3 15.8 47.3#

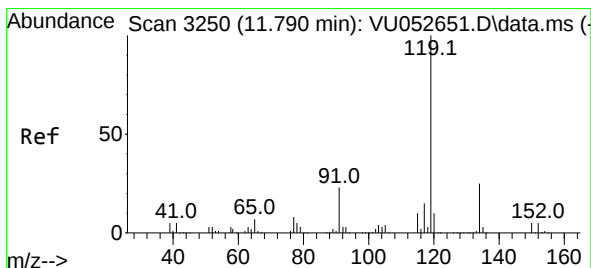
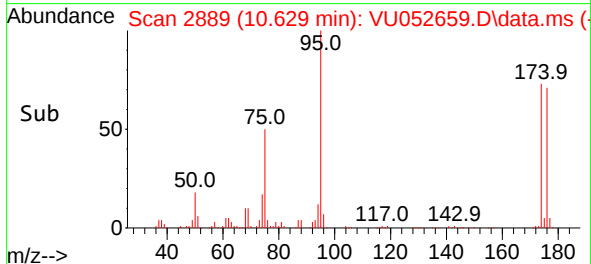
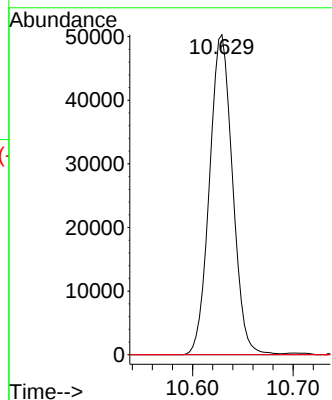
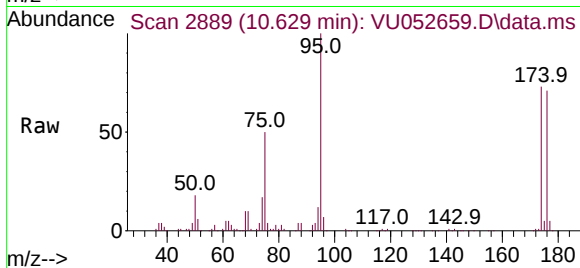




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.279 ug/l
 RT: 10.629 min Scan# 21
 Delta R.T. 0.087 min
 Lab File: VU052659.D
 Acq: 12 Jan 2023 12:06

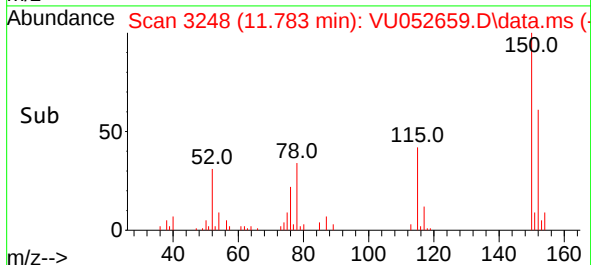
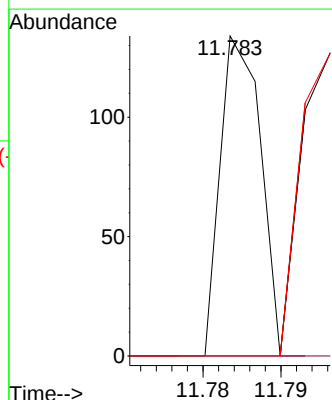
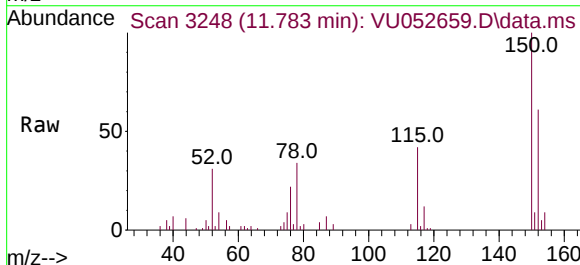
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBL03

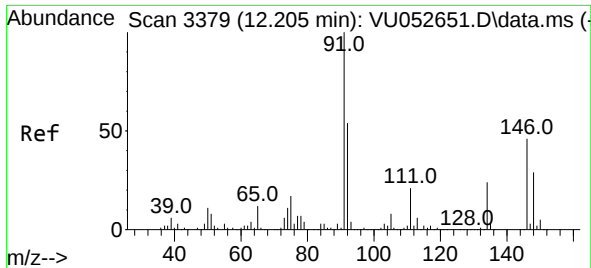
Tgt Ion: 75 Resp: 80097
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.2 103.8#
 89 0.0 37.0 55.6#



#86
 p-Isopropyltoluene
 Concen: 0.925 ug/l
 RT: 11.783 min Scan# 3248
 Delta R.T. -0.007 min
 Lab File: VU052659.D
 Acq: 12 Jan 2023 12:06

Tgt Ion: 119 Resp: 48
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.5 40.4#
 91 0.0 11.2 33.5#

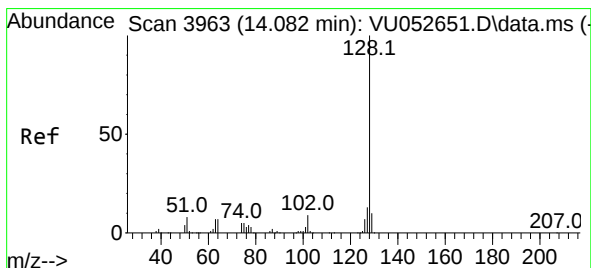
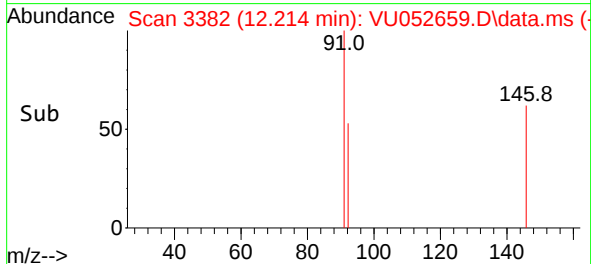
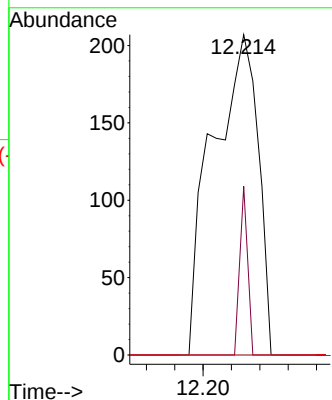
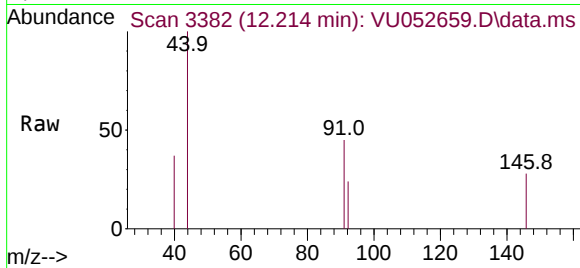




#89
n-Butylbenzene
Concen: 2.216 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.009 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBL03

Tgt Ion: 91 Resp: 231
Ion Ratio Lower Upper
91 100
92 9.1 26.2 78.6#
134 0.0 13.5 40.4#



#95
Naphthalene
Concen: 2.190 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.020 min
Lab File: VU052659.D
Acq: 12 Jan 2023 12:06

Tgt Ion: 128 Resp: 896
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

