

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049437.D
 Acq On : 28 Jun 2022 05:26
 Operator : SY/MD
 Sample : N3482-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB062322

Quant Time: Jun 28 07:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

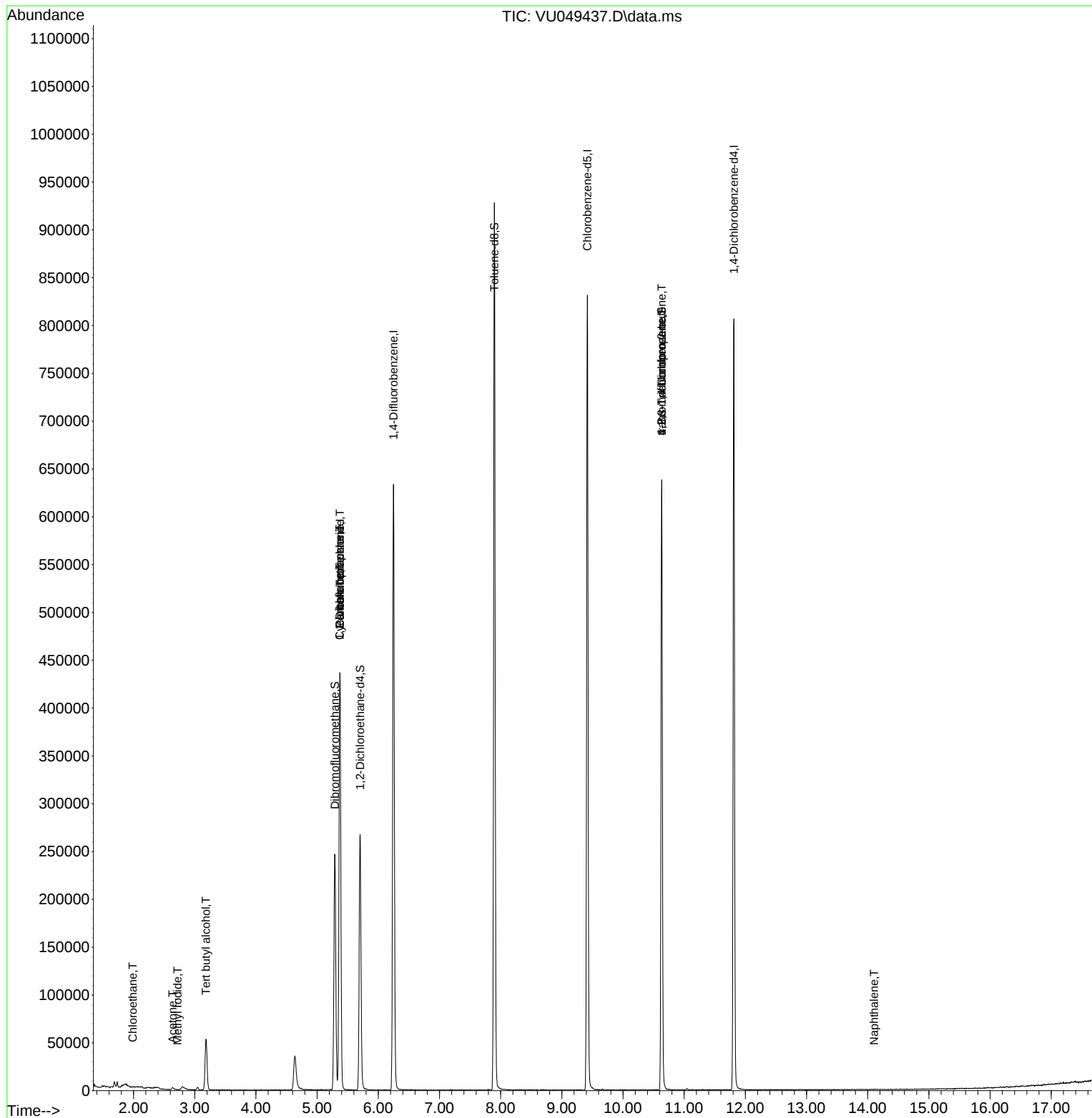
Internal Standards						
1) Pentafluorobenzene	5.372	168	302500	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	520242	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	461942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	209653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	201703	43.296	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.600%		
35) Dibromofluoromethane	5.289	113	159728	43.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.760%		
50) Toluene-d8	7.896	98	612725	47.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.400%		
62) 4-Bromofluorobenzene	10.632	95	219644	44.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.340%		
Target Compounds						
3) Chloromethane	1.520	50	1704	Below Cal		Qvalue 98
6) Chloroethane	1.986	64	41	1.933	ug/l #	44
10) Methyl Iodide	2.716	142	89	7.536	ug/l #	43
11) Tert butyl alcohol	3.183	59	33361	30.595	ug/l #	39
16) Acetone	2.639	43	3403	1.448	ug/l	96
20) Methylene Chloride	3.051	84	1496	Below Cal	#	84
31) Cyclohexane	5.369	56	6292	0.899	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	25124	4.761	ug/l #	48
38) Carbon Tetrachloride	5.372	117	29955	5.412	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	111198	15.646	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	111198	57.779	ug/l #	15
95) Naphthalene	14.105	128	393	1.759	ug/l #	69

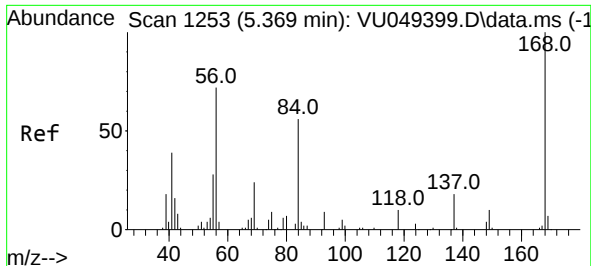
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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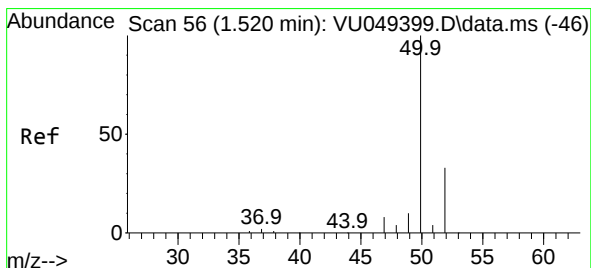
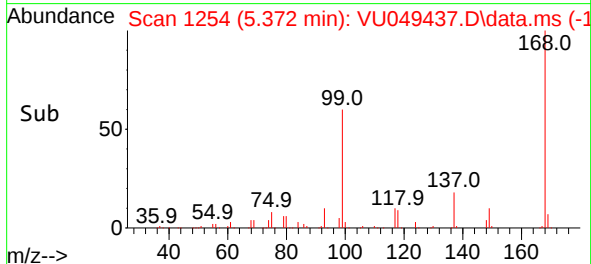
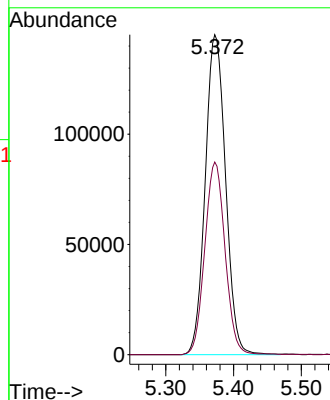
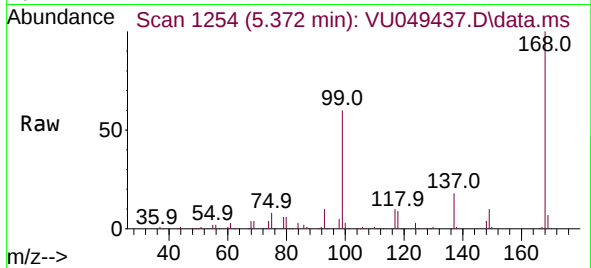




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

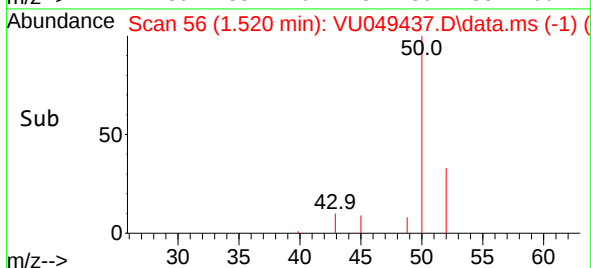
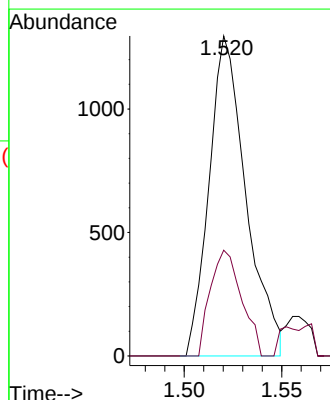
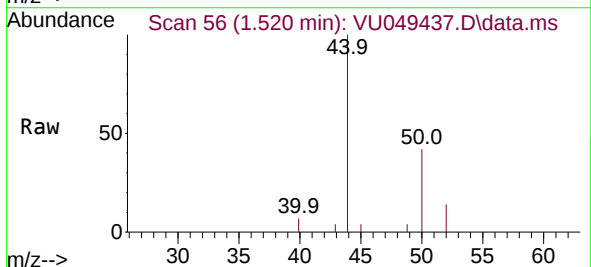
Instrument :
MSVOA_U
ClientSampleId :
FB062322

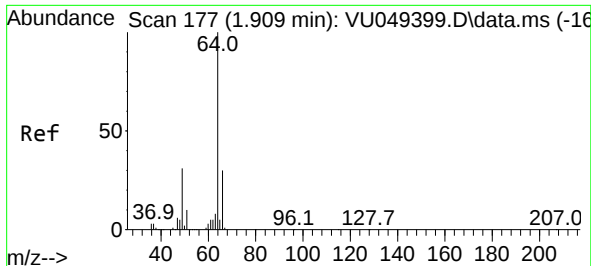
Tgt Ion:168 Resp: 302500
Ion Ratio Lower Upper
168 100
99 60.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion: 50 Resp: 1704
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.2

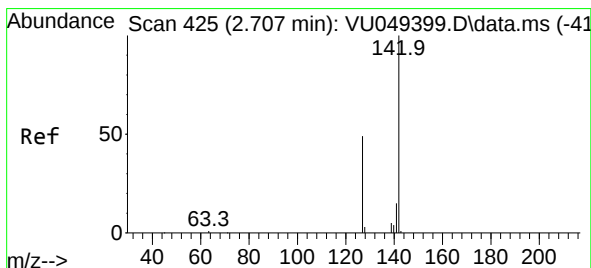
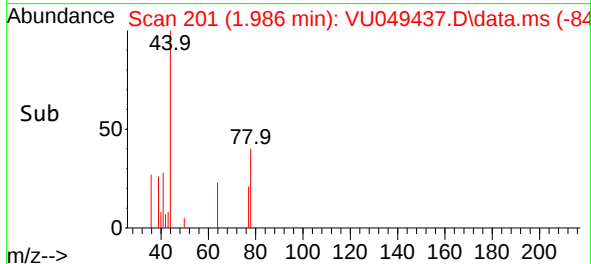
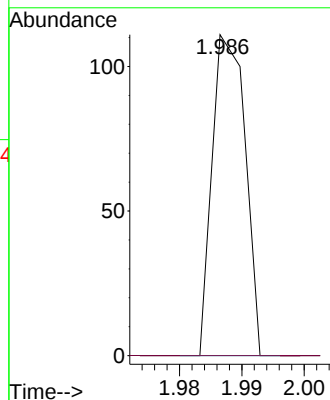
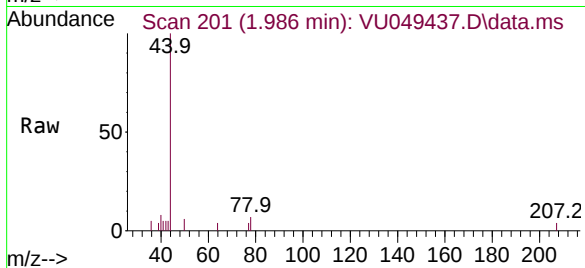




#6
Chloroethane
Concen: 1.933 ug/l
RT: 1.986 min Scan# 20
Delta R.T. 0.077 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

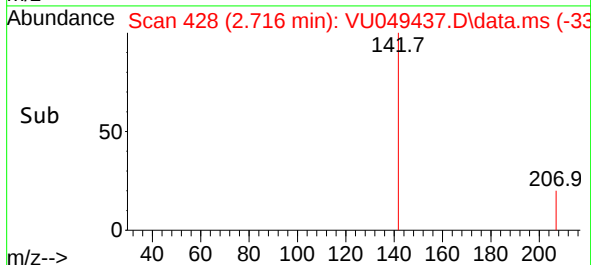
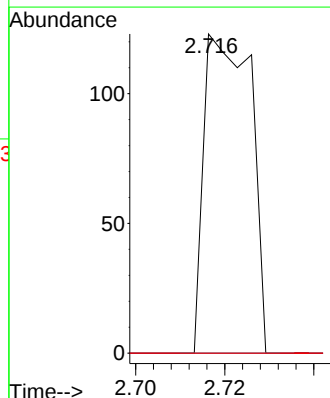
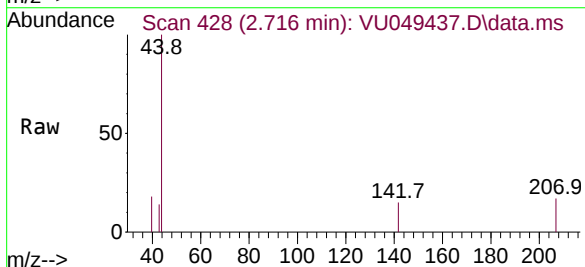
Instrument :
MSVOA_U
ClientSampleId :
FB062322

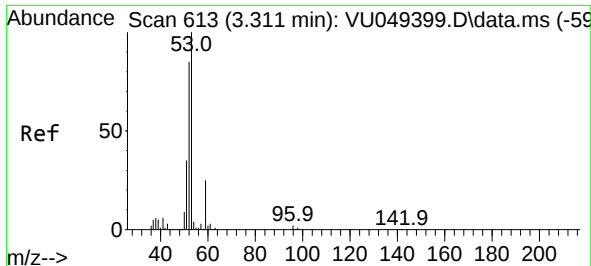
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.536 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion: 142 Resp: 89
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#

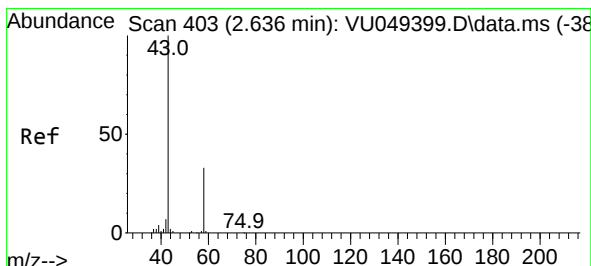
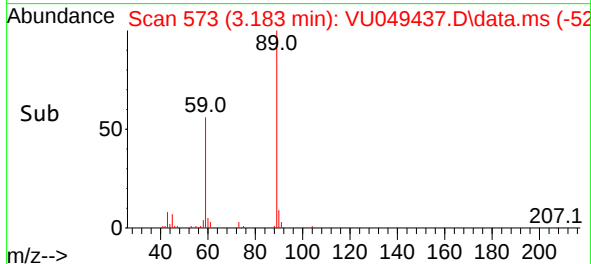
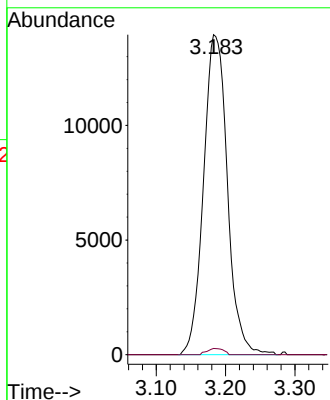
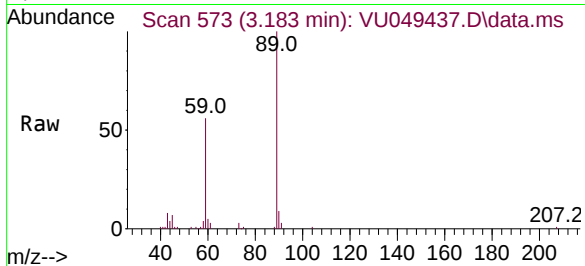




#11
Tert butyl alcohol
Concen: 30.595 ug/l
RT: 3.183 min Scan# 51
Delta R.T. -0.128 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

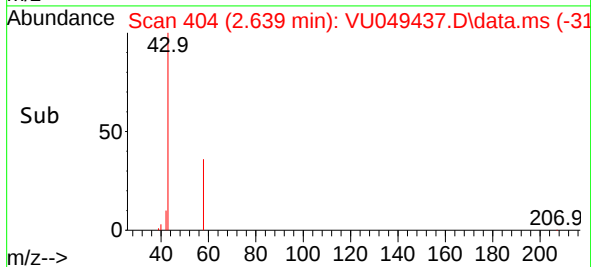
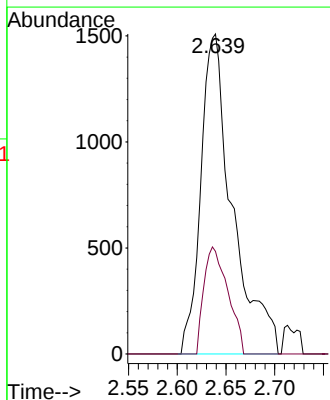
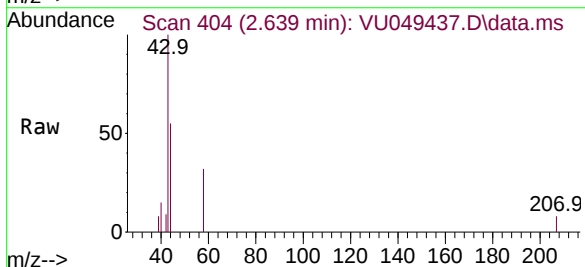
Instrument :
MSVOA_U
ClientSampleId :
FB062322

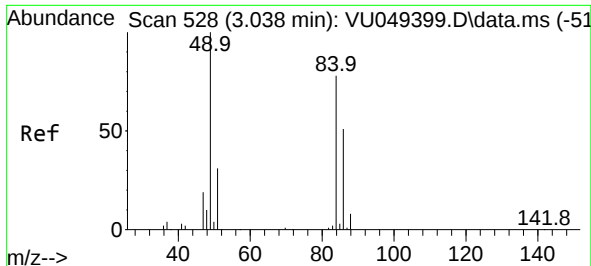
Tgt Ion: 59 Resp: 33361
Ion Ratio Lower Upper
59 100
57 1.3 30.6 45.8#



#16
Acetone
Concen: 1.448 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion: 43 Resp: 3403
Ion Ratio Lower Upper
43 100
58 32.1 27.5 41.3

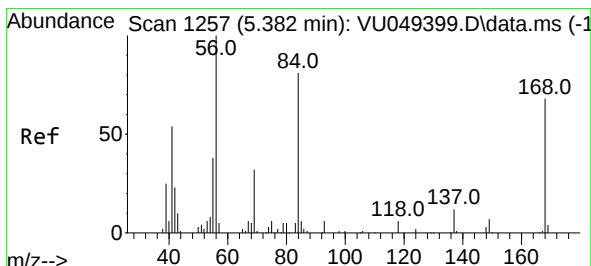
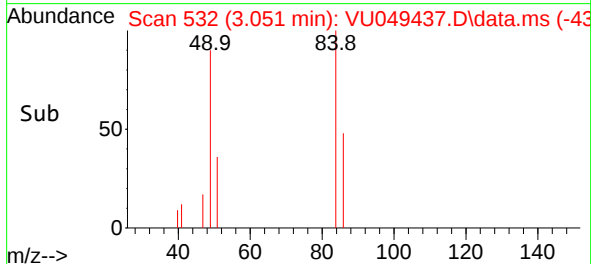
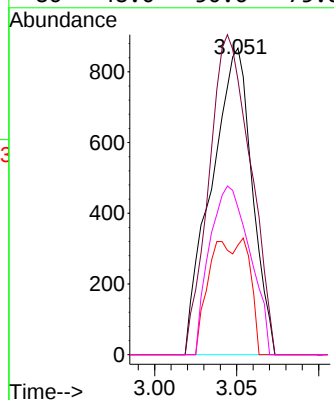
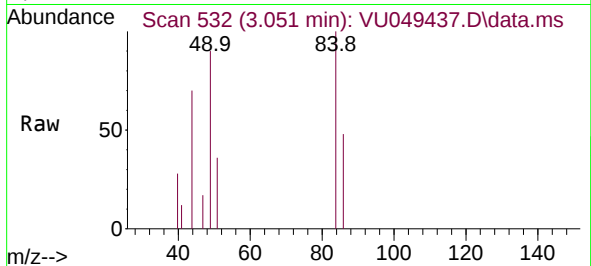




#20
Methylene Chloride
Concen: Below Cal
RT: 3.051 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

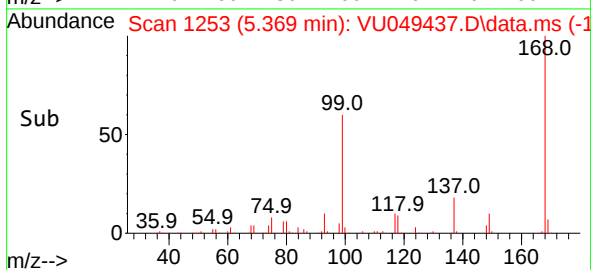
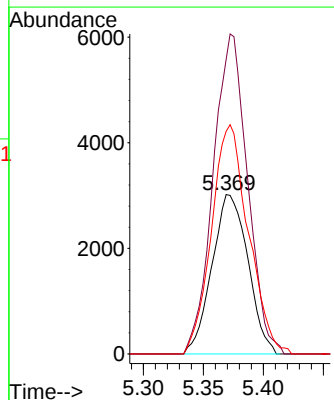
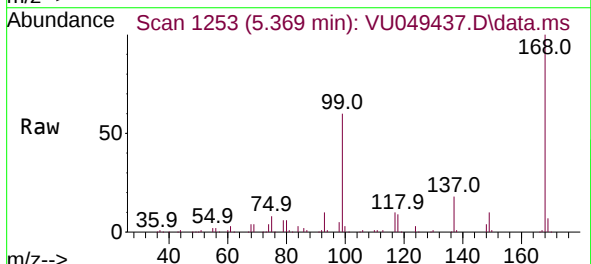
Instrument :
MSVOA_U
ClientSampleId :
FB062322

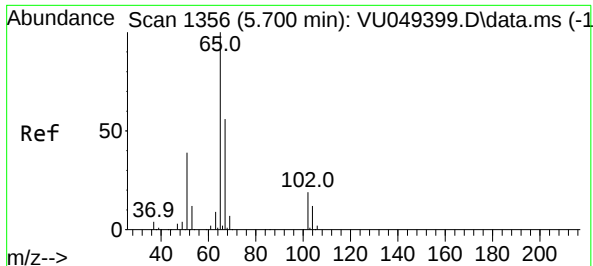
Tgt Ion:	84	Resp:	1496
Ion	Ratio	Lower	Upper
84	100		
49	89.6	86.6	129.8
51	35.8	26.6	40.0
86	48.0	50.6	75.8#



#31
Cyclohexane
Concen: 0.899 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion:	56	Resp:	6292
Ion	Ratio	Lower	Upper
56	100		
69	184.7	27.8	41.8#
84	139.6	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 43.296 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049437.D

Acq: 28 Jun 2022 05:26

Instrument :

MSVOA_U

ClientSampleId :

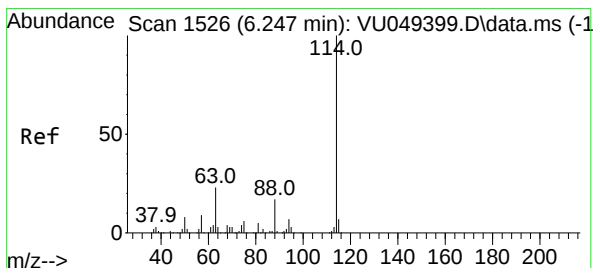
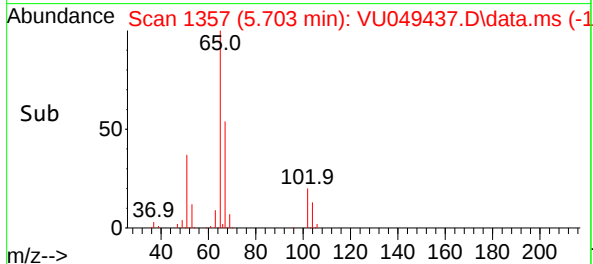
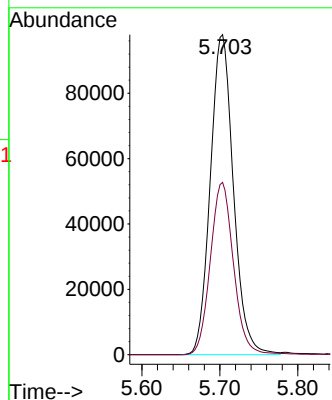
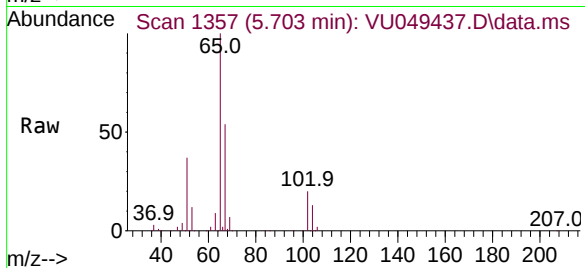
FB062322

Tgt Ion: 65 Resp: 201703

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049437.D

Acq: 28 Jun 2022 05:26

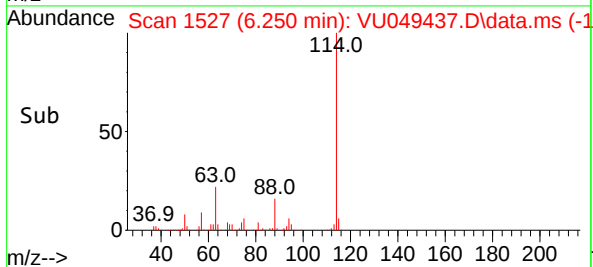
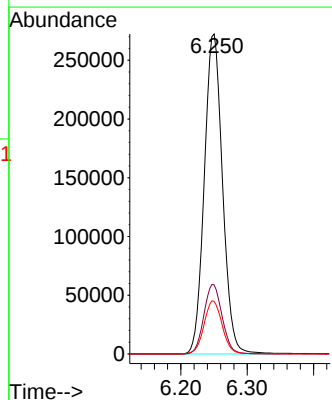
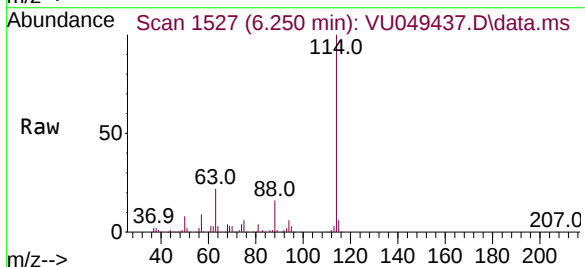
Tgt Ion:114 Resp: 520242

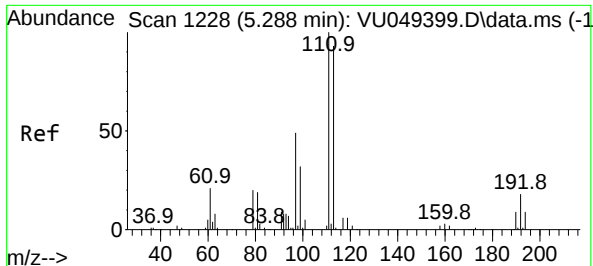
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.5 0.0 29.2

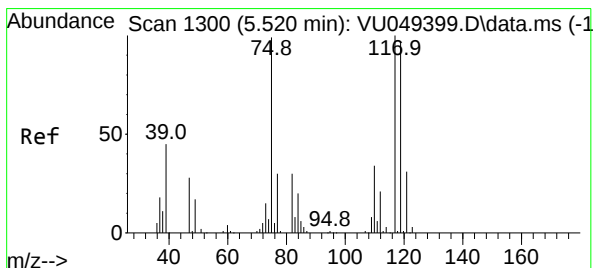
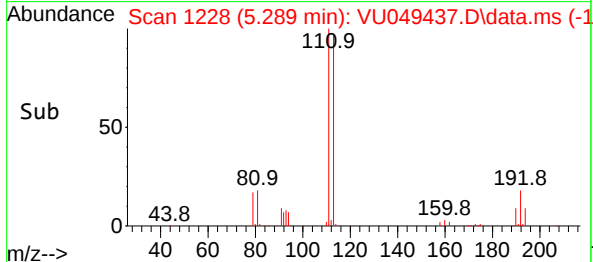
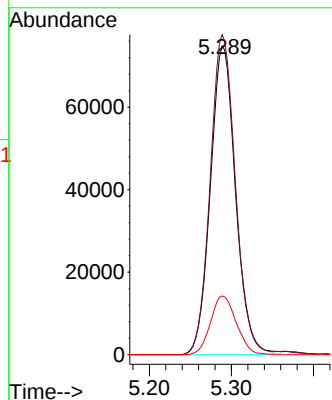
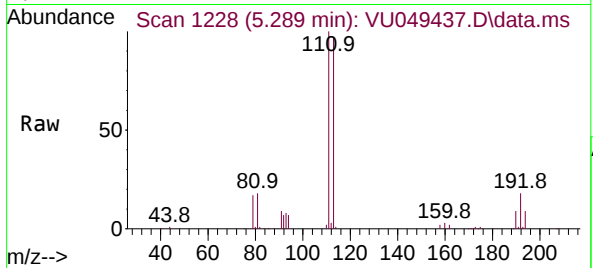




#35
Dibromofluoromethane
Concen: 43.884 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

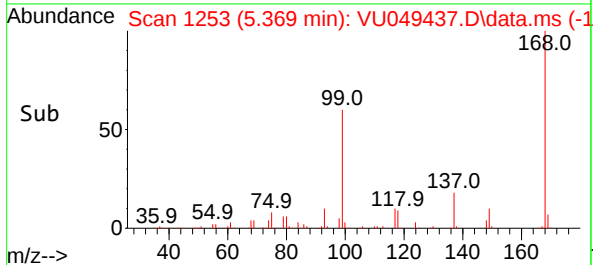
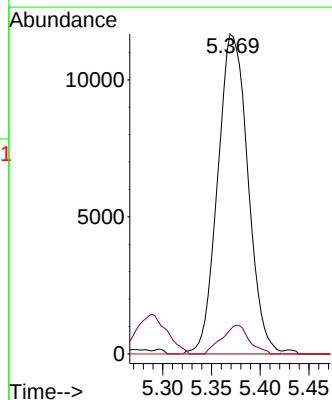
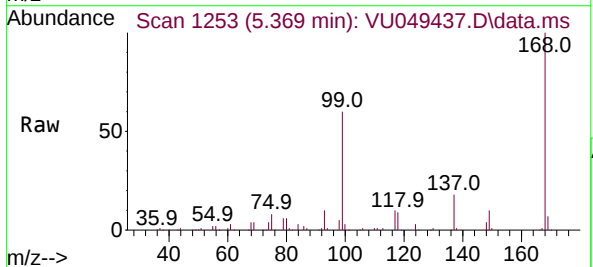
Instrument :
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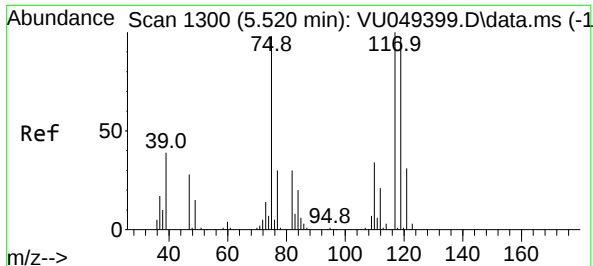
Tgt Ion:113 Resp: 159728
Ion Ratio Lower Upper
113 100
111 103.8 82.1 123.1
192 19.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.151 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

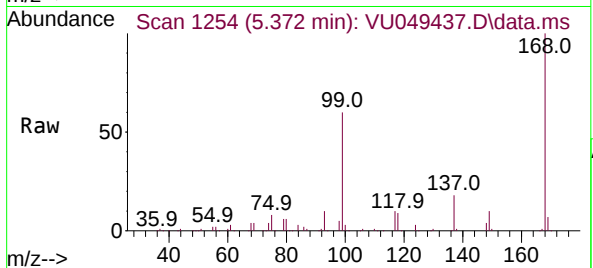
Tgt Ion: 75 Resp: 25124
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 25.1 37.7#



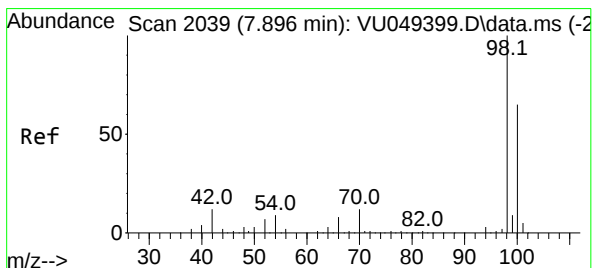
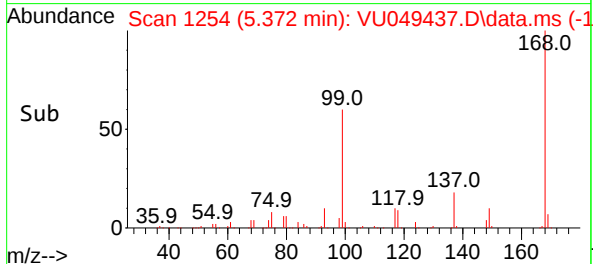
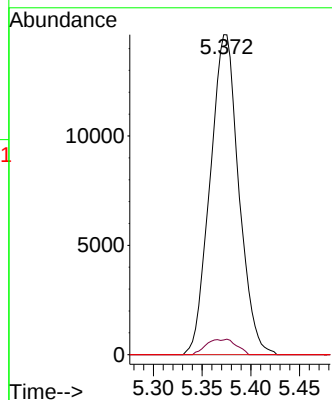


#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Instrument :
MSVOA_U
ClientSampleId :
FB062322

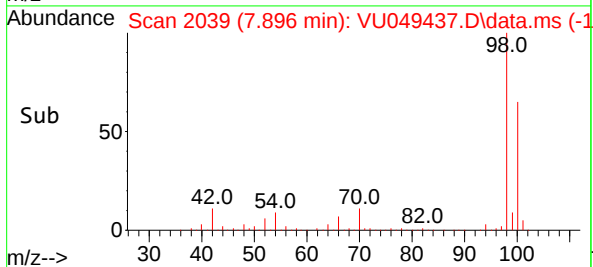
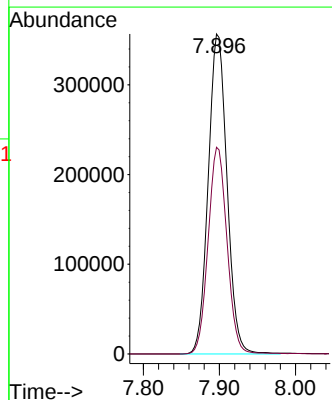
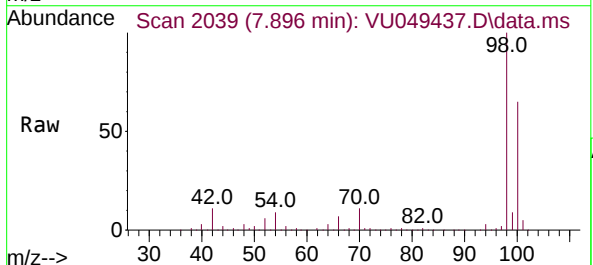


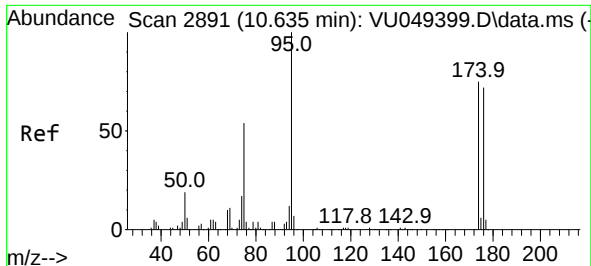
Tgt Ion:117 Resp: 29955
Ion Ratio Lower Upper
117 100
119 4.6 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.198 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion: 98 Resp: 612725
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

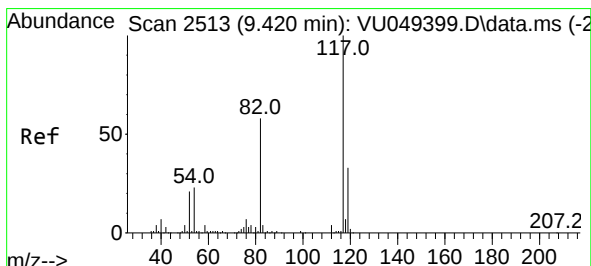
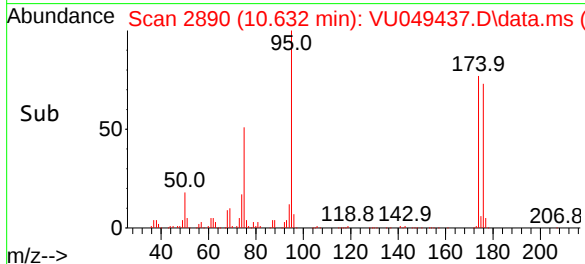
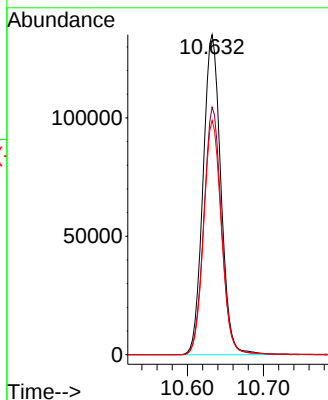
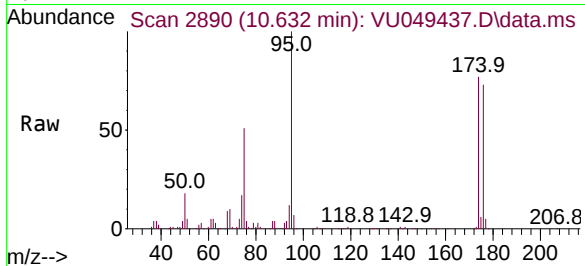




#62
4-Bromofluorobenzene
Concen: 44.167 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

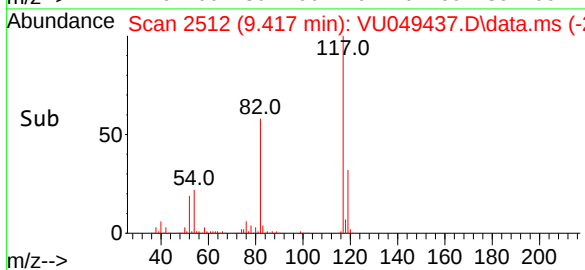
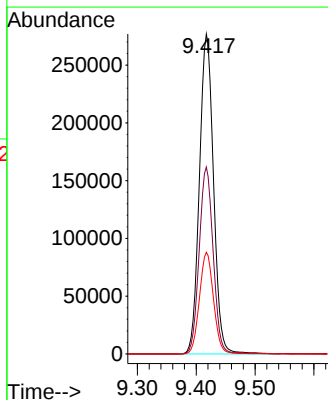
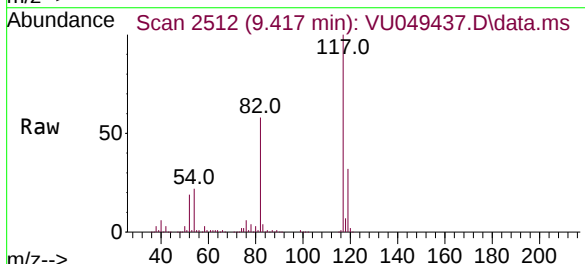
Instrument :
MSVOA_U
ClientSampleId :
FB062322

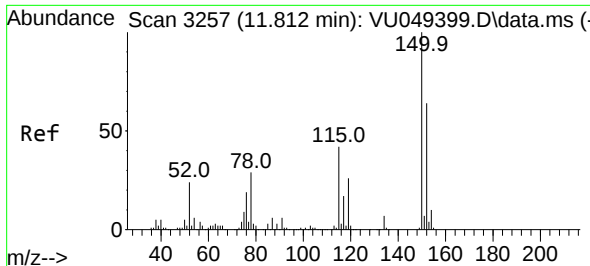
Tgt Ion: 95 Resp: 219644
Ion Ratio Lower Upper
95 100
174 76.9 0.0 182.0
176 73.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion: 117 Resp: 461942
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 31.8 25.7 38.5

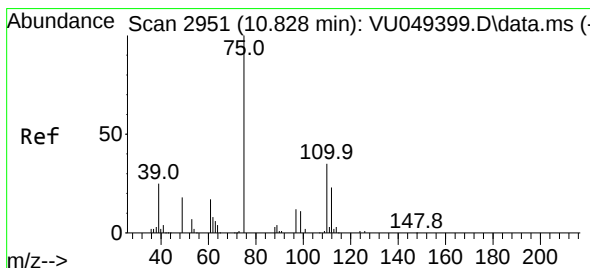
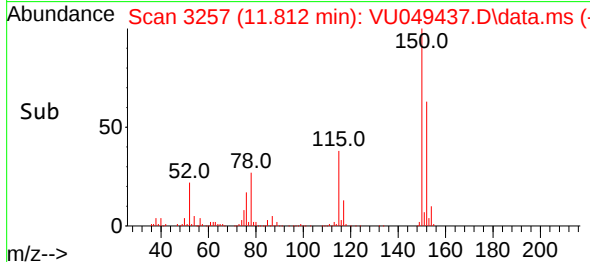
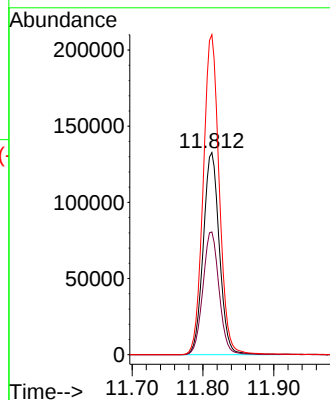
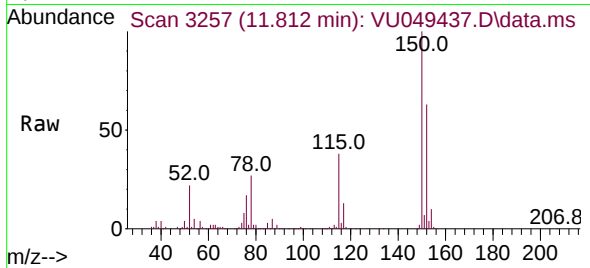




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

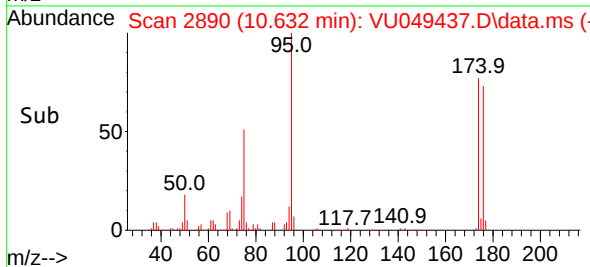
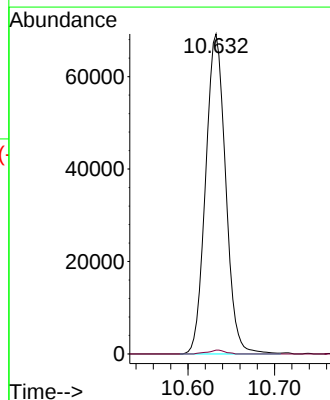
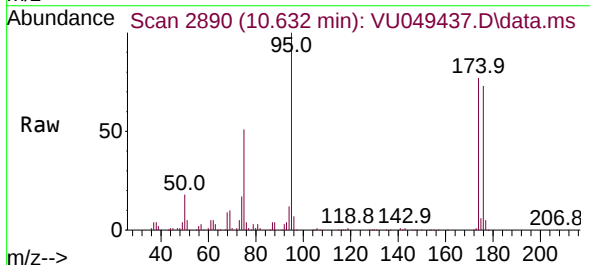
Instrument :
MSVOA_U
ClientSampleId :
FB062322

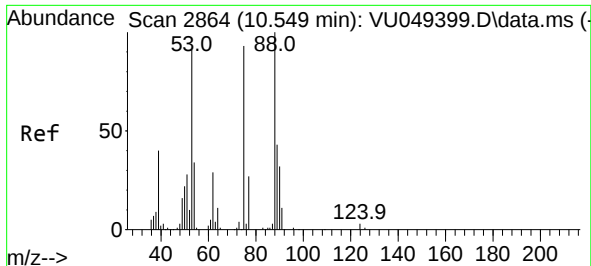
Tgt Ion:152 Resp: 209653
Ion Ratio Lower Upper
152 100
115 60.9 37.0 110.9
150 157.8 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 15.646 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion: 75 Resp: 111198
Ion Ratio Lower Upper
75 100
77 1.0 15.8 47.3#

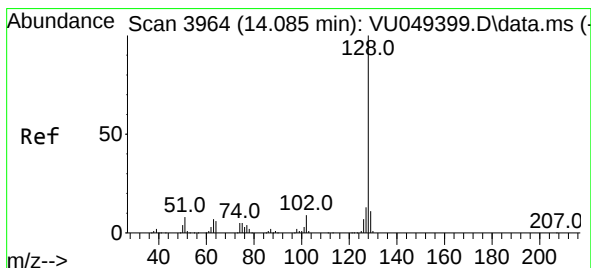
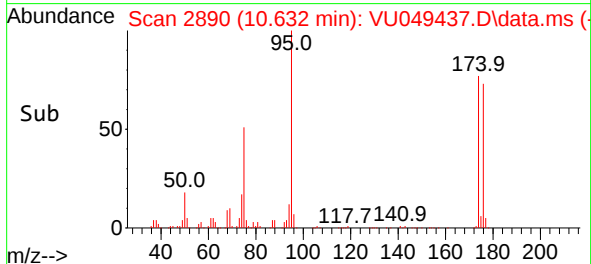
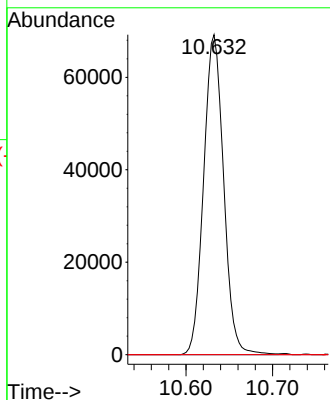
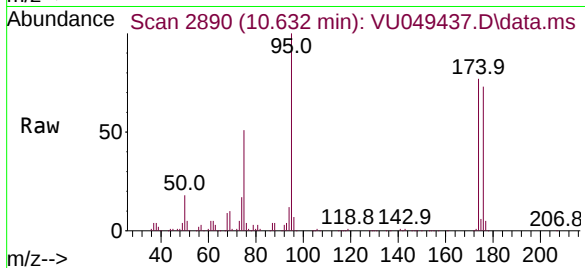




#81
trans-1,4-Dichloro-2-butene
Concen: 57.779 ug/l
RT: 10.632 min Scan# 2111
Delta R.T. 0.084 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Instrument :
MSVOA_U
ClientSampleId :
FB062322

Tgt Ion: 75 Resp: 111198
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.759 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.019 min
Lab File: VU049437.D
Acq: 28 Jun 2022 05:26

Tgt Ion:128 Resp: 393
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

