

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049588.D
 Acq On : 01 Jul 2022 17:43
 Operator : SY/MD
 Sample : N3569-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50

Quant Time: Jul 04 06:48:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

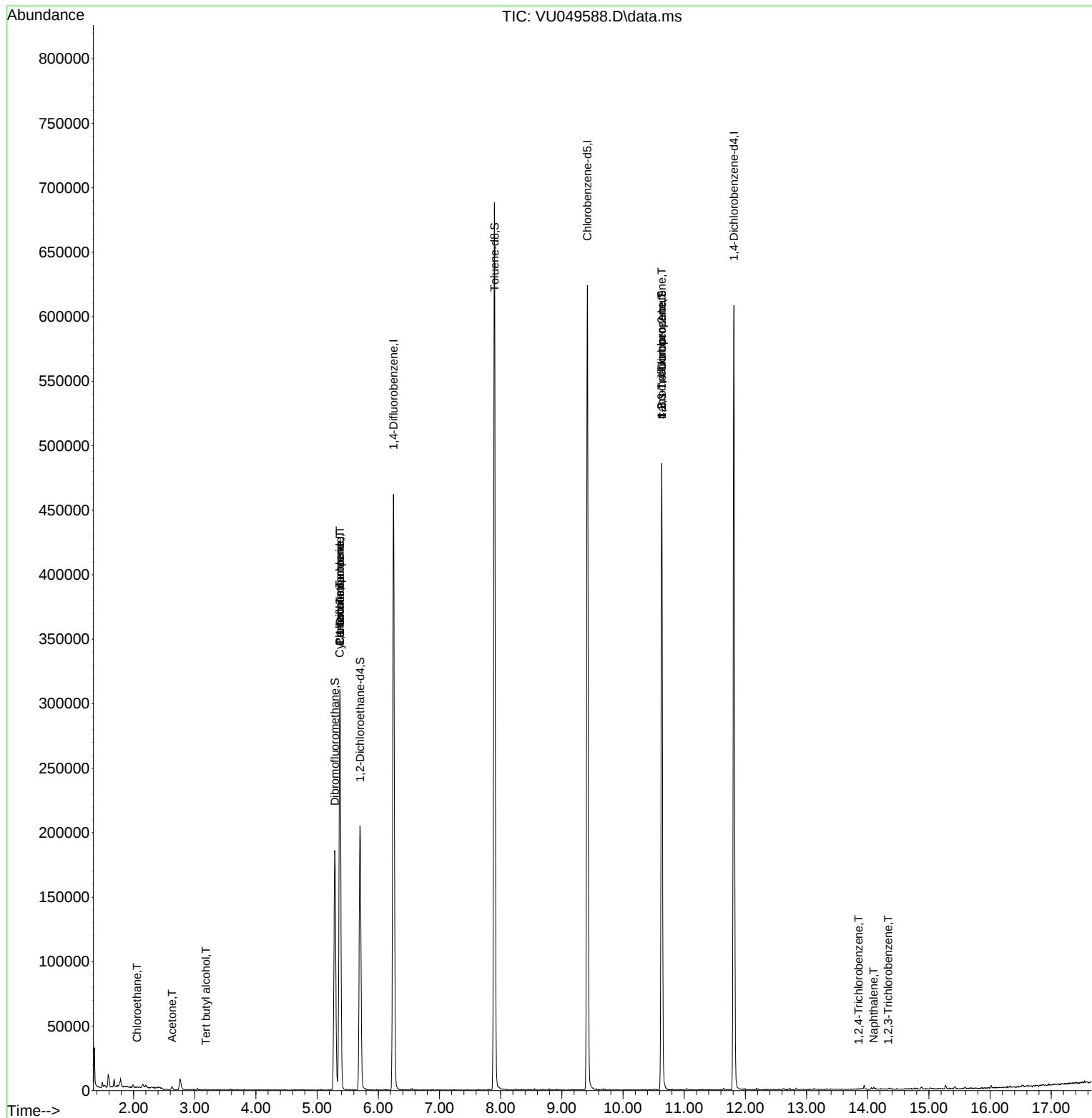
Internal Standards						
1) Pentafluorobenzene	5.372	168	207722	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	368589	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	340035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	151264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	153662	48.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.060%		
35) Dibromofluoromethane	5.288	113	119523	46.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.700%		
50) Toluene-d8	7.899	98	449254	48.844	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	10.632	95	159674	45.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.640%		
Target Compounds						
						Qvalue
3) Chloromethane	1.517	50	1917	Below Cal		95
6) Chloroethane	2.057	64	42	1.941 ug/l	#	44
11) Tert butyl alcohol	3.182	59	162	0.216 ug/l	#	37
16) Acetone	2.629	43	2648	1.641 ug/l		97
20) Methylene Chloride	3.044	84	322	Below Cal	#	91
31) Cyclohexane	5.369	56	4517	0.940 ug/l	#	5
36) 1,1-Dichloropropene	5.372	75	18207	4.869 ug/l	#	47
38) Carbon Tetrachloride	5.372	117	21859	5.574 ug/l	#	16
76) 1,2,3-Trichloropropane	10.632	75	83102	16.206 ug/l	#	45
81) trans-1,4-Dichloro-2-b...	10.632	75	83102	59.848 ug/l	#	15
93) 1,2,4-Trichlorobenzene	13.851	180	198	1.810 ug/l	#	23
95) Naphthalene	14.098	128	1680	1.873 ug/l	#	79
96) 1,2,3-Trichlorobenzene	14.336	180	123	1.212 ug/l	#	1

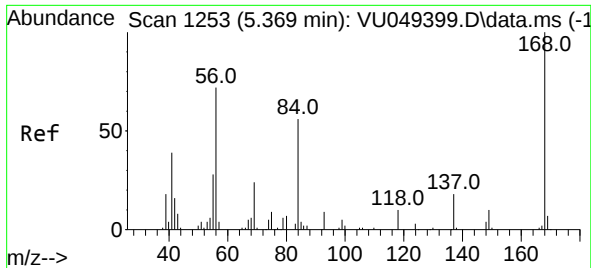
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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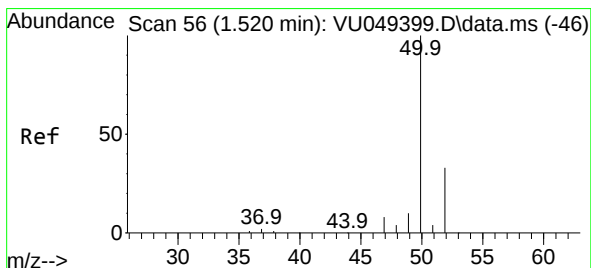
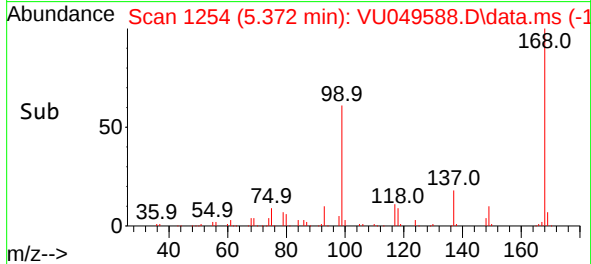
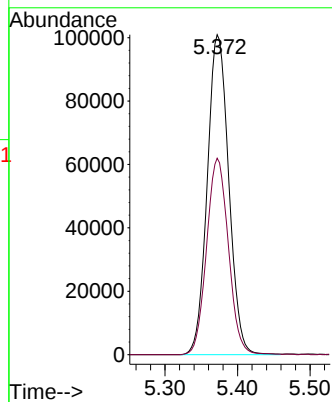
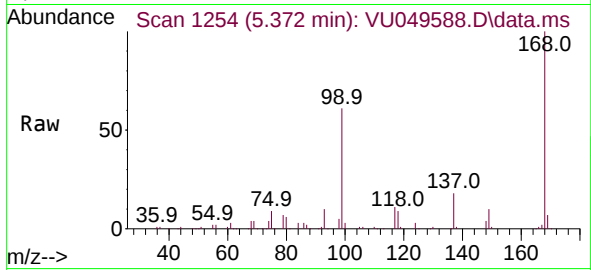




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

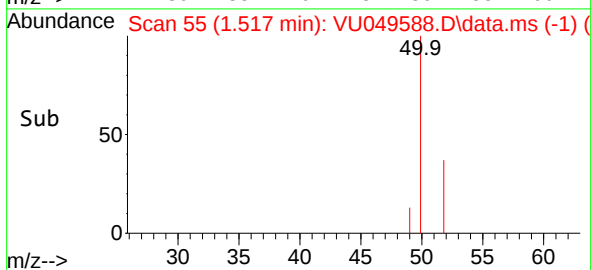
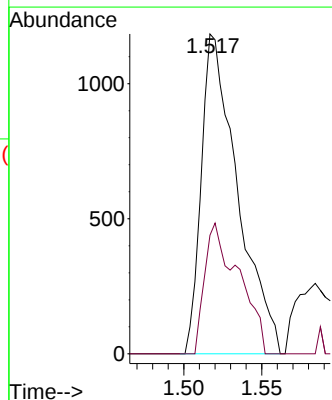
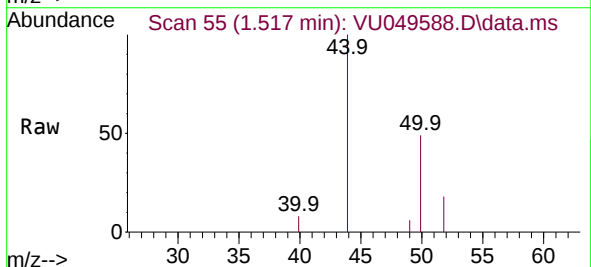
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

Tgt Ion:168 Resp: 207722
Ion Ratio Lower Upper
168 100
99 61.4 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Tgt Ion: 50 Resp: 1917
Ion Ratio Lower Upper
50 100
52 37.1 27.4 41.2

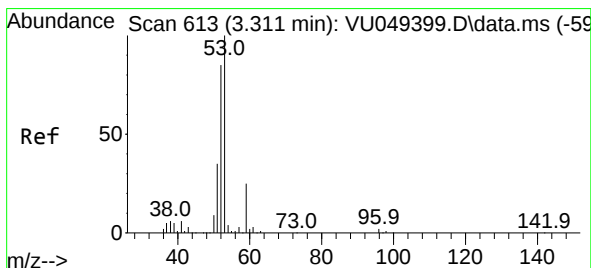
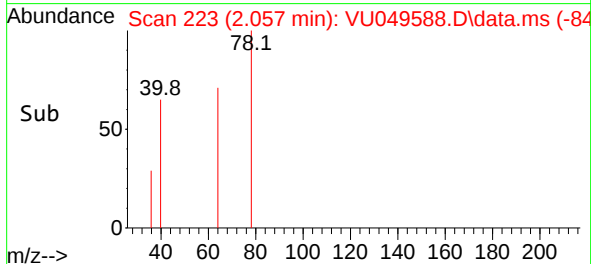
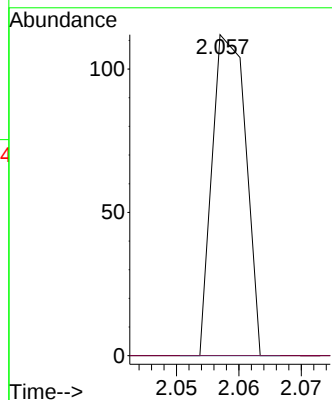
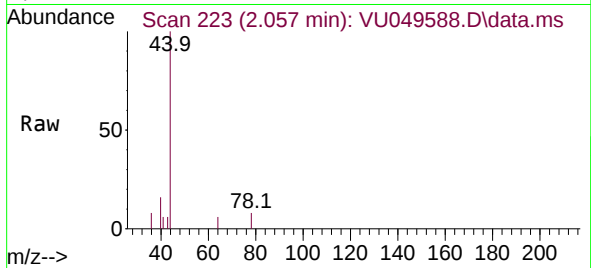




#6
Chloroethane
Concen: 1.941 ug/l
RT: 2.057 min Scan# 21
Delta R.T. 0.148 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

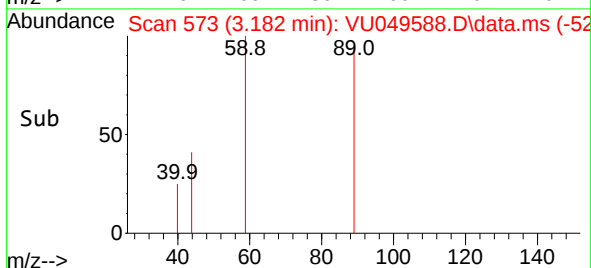
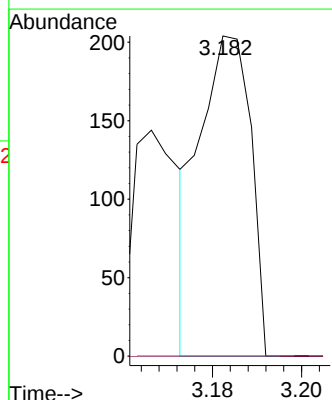
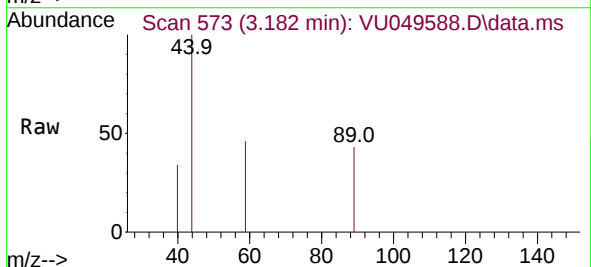
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

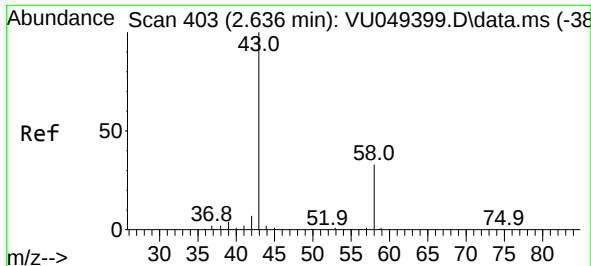
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.216 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.129 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

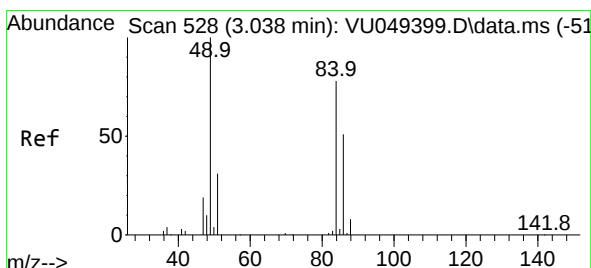
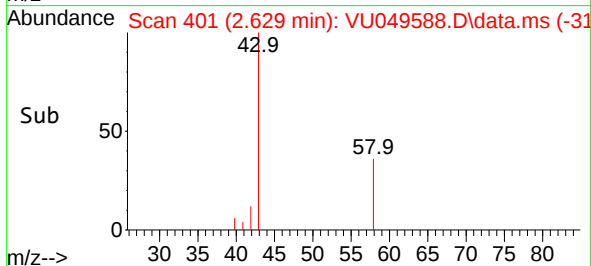
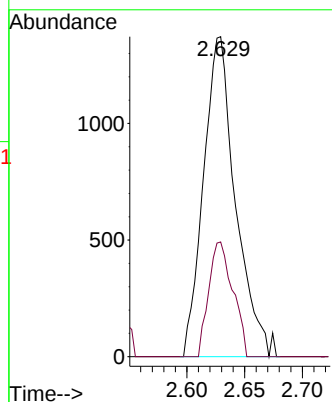
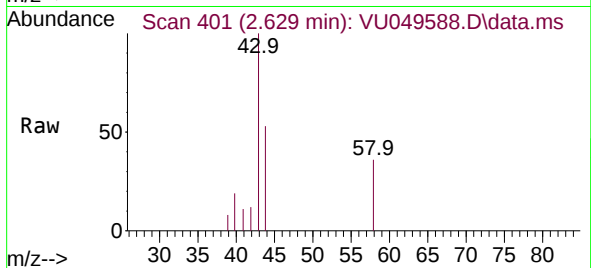




#16
Acetone
Concen: 1.641 ug/l
RT: 2.629 min Scan# 40
Delta R.T. -0.006 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

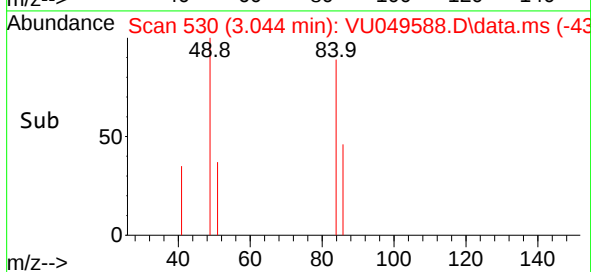
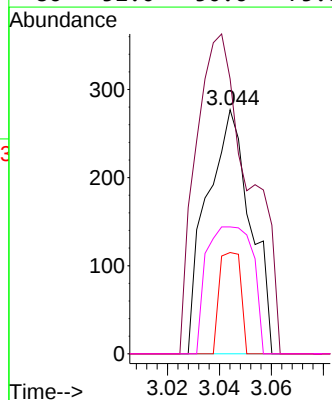
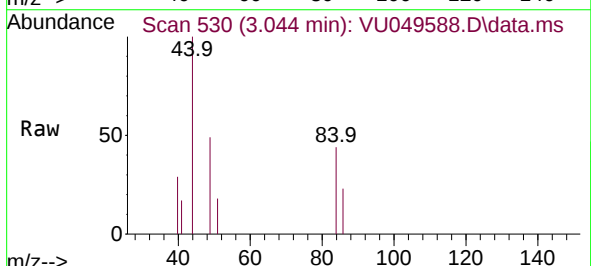
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

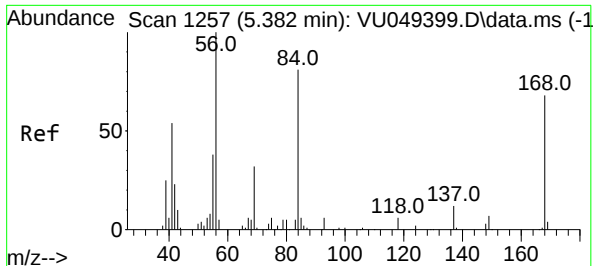
Tgt Ion: 43 Resp: 2648
Ion Ratio Lower Upper
43 100
58 35.9 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

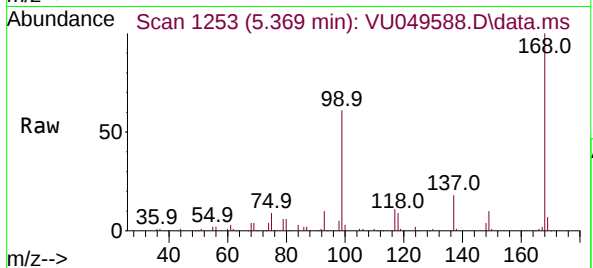
Tgt Ion: 84 Resp: 322
Ion Ratio Lower Upper
84 100
49 112.6 86.6 129.8
51 41.5 26.6 40.0#
86 52.0 50.6 75.8



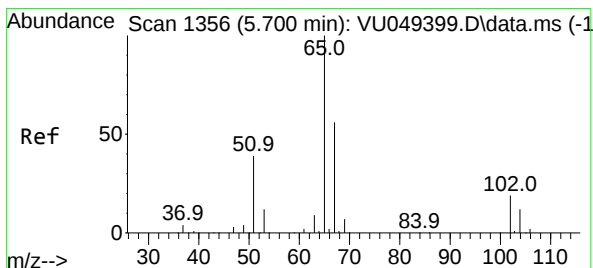
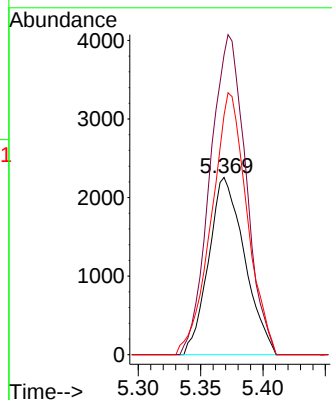
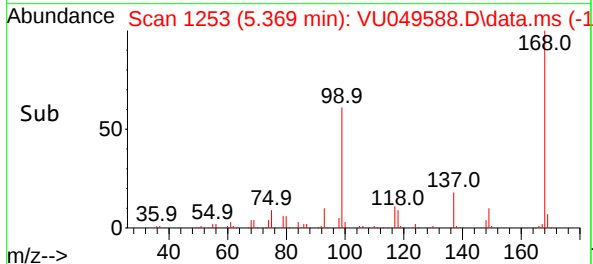


#31
Cyclohexane
Concen: 0.940 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

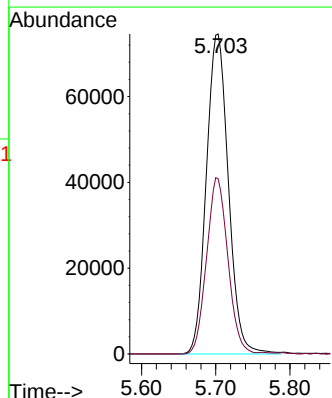
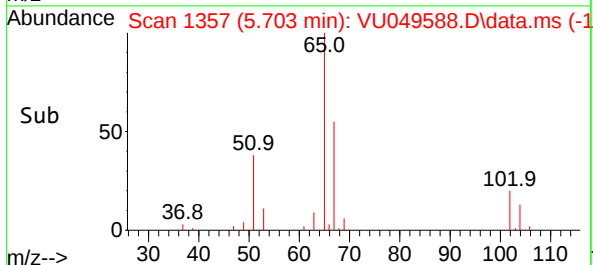
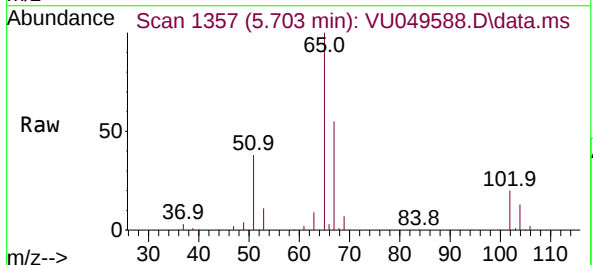


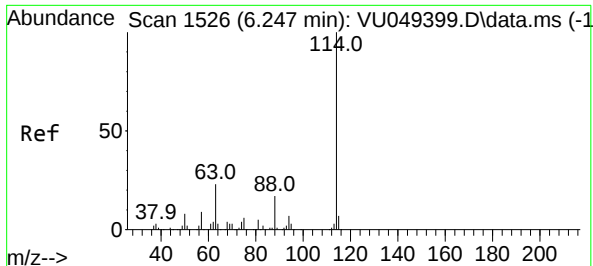
Tgt Ion: 56 Resp: 4517
Ion Ratio Lower Upper
56 100
69 169.1 27.8 41.8#
84 135.1 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 48.034 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Tgt Ion: 65 Resp: 153662
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049588.D

Acq: 01 Jul 2022 17:43

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50

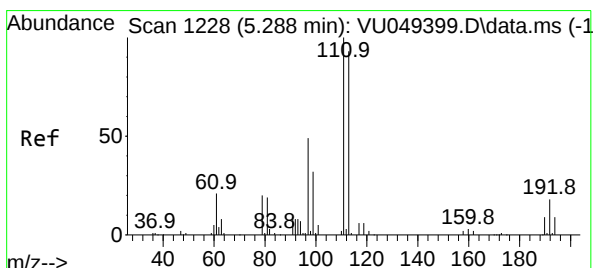
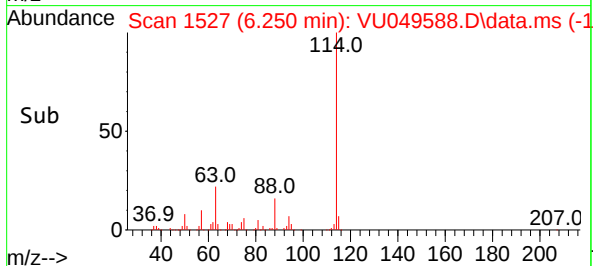
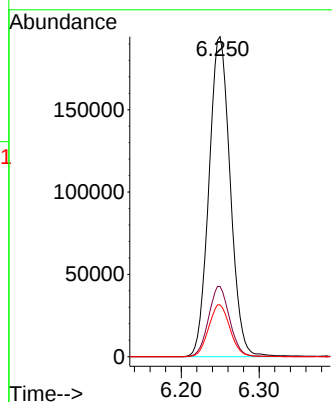
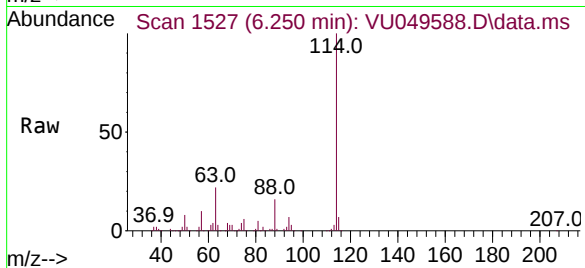
Tgt Ion:114 Resp: 368589

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.349 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VU049588.D

Acq: 01 Jul 2022 17:43

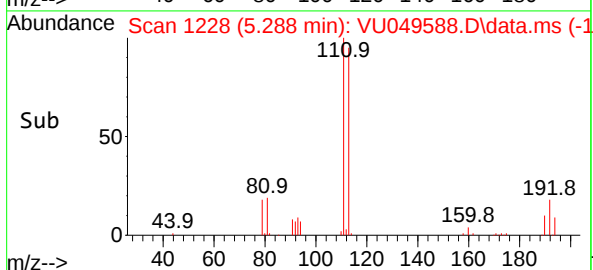
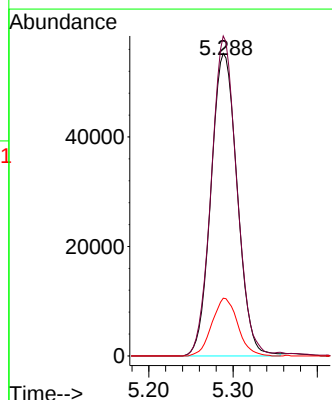
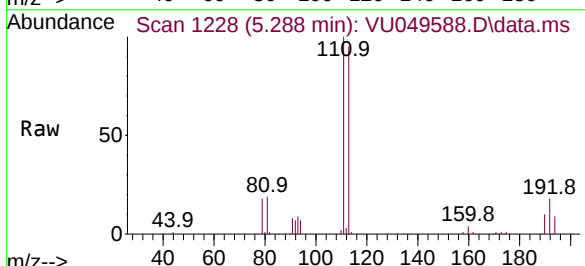
Tgt Ion:113 Resp: 119523

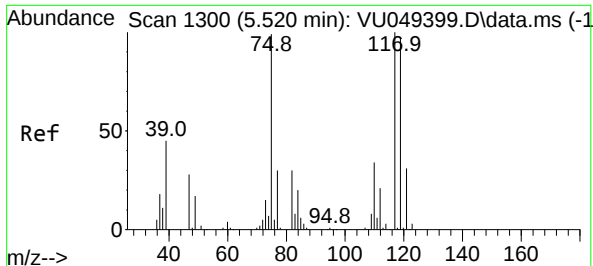
Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 18.8 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049588.D

Acq: 01 Jul 2022 17:43

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50

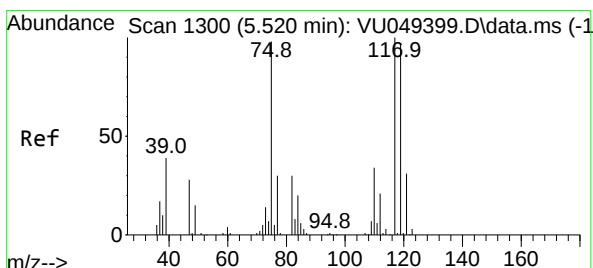
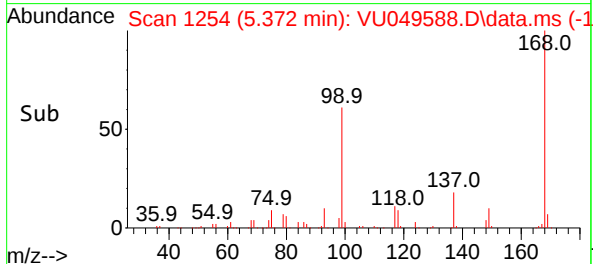
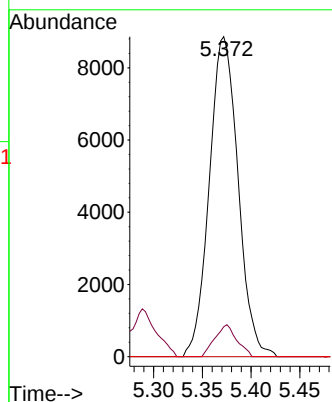
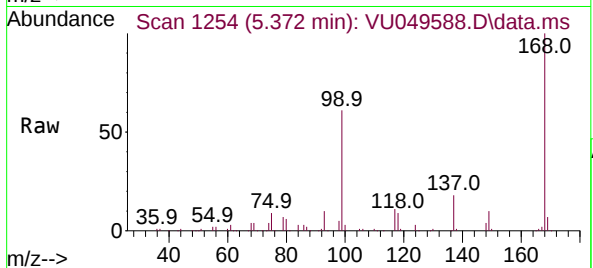
Tgt Ion: 75 Resp: 18207

Ion Ratio Lower Upper

75 100

110 7.6 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.574 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049588.D

Acq: 01 Jul 2022 17:43

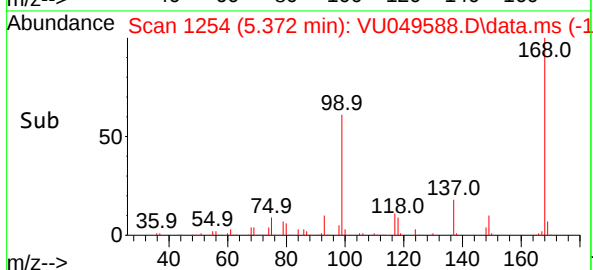
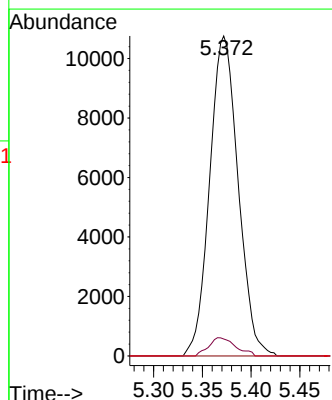
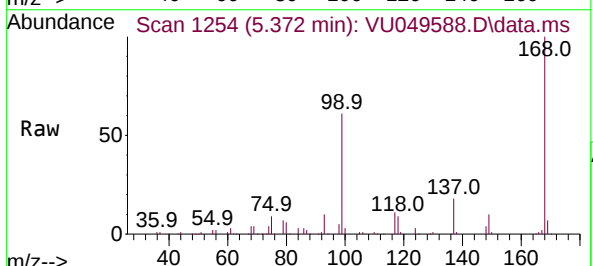
Tgt Ion: 117 Resp: 21859

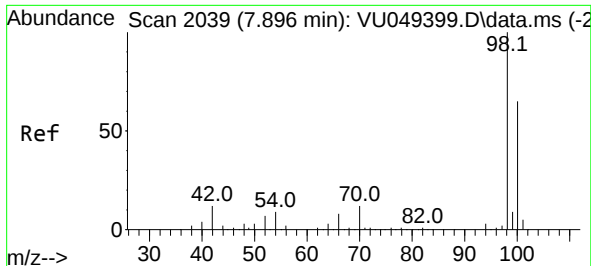
Ion Ratio Lower Upper

117 100

119 5.3 76.8 115.2#

121 0.0 24.7 37.1#

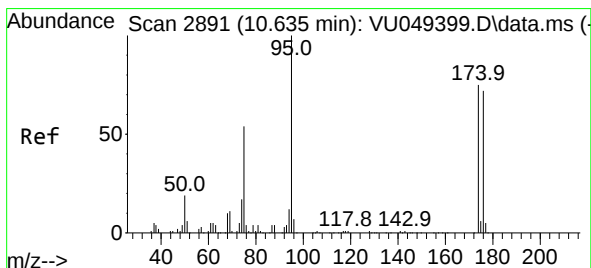
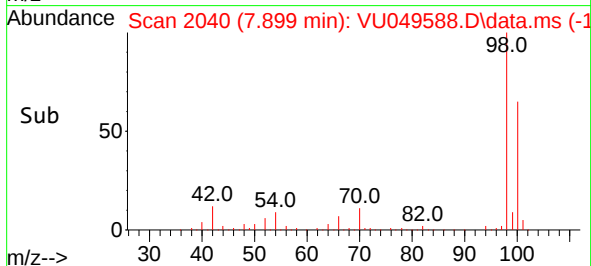
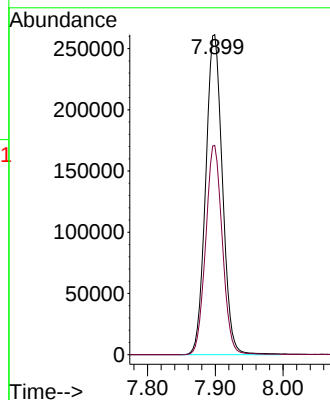
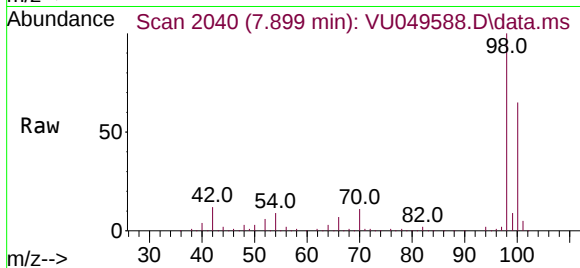




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

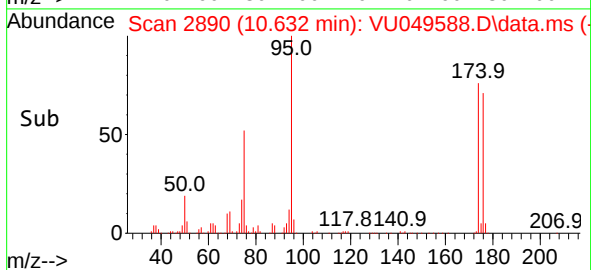
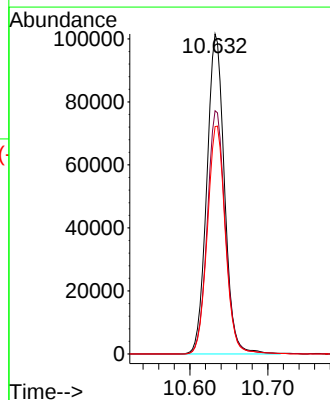
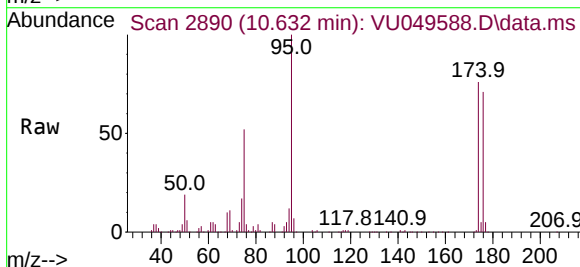
Instrument :
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152140-SPC-09-50

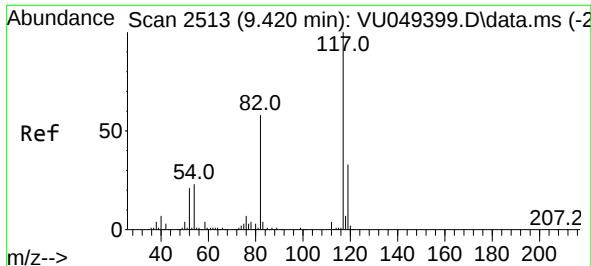
Tgt Ion: 98 Resp: 449254
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.319 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

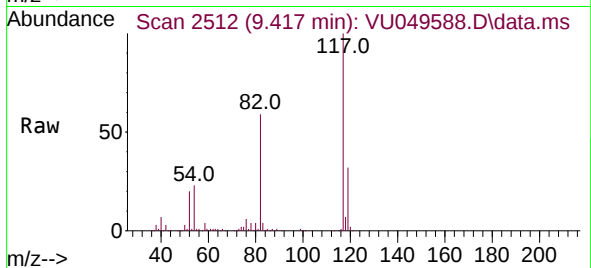
Tgt Ion: 95 Resp: 159674
Ion Ratio Lower Upper
95 100
174 77.5 0.0 182.0
176 72.8 0.0 177.8



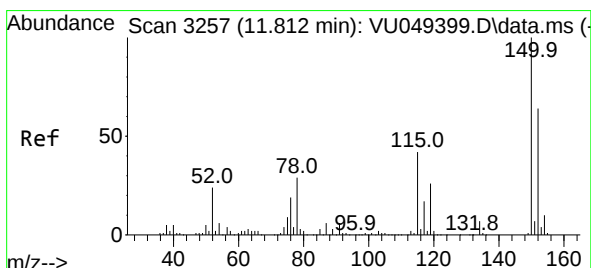
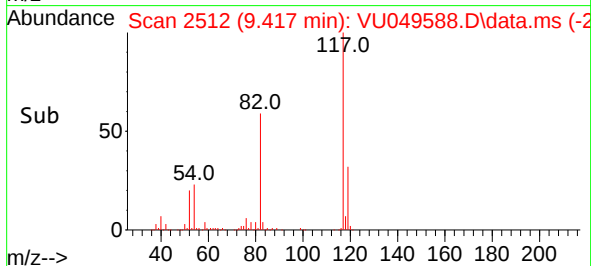
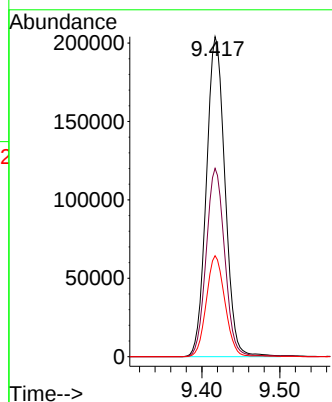


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

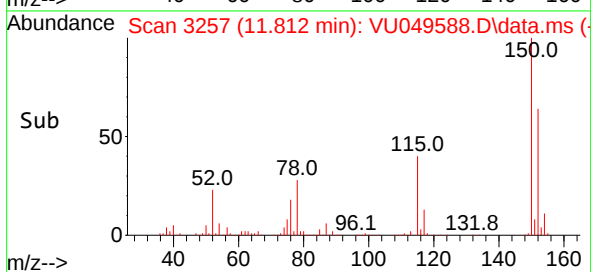
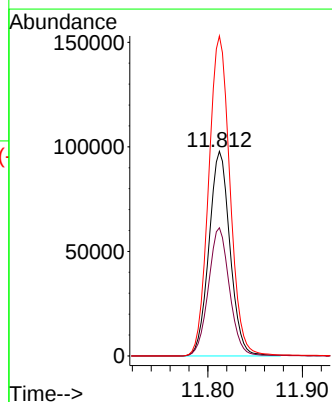
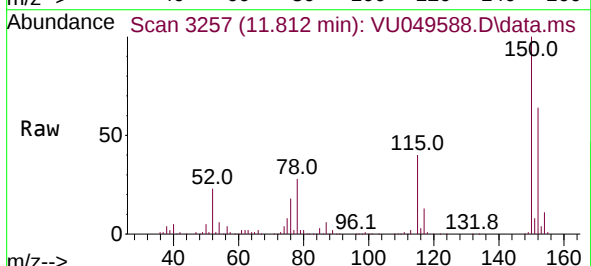


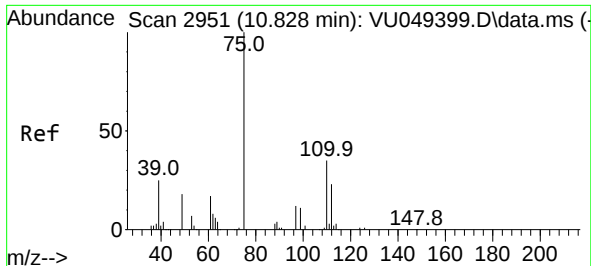
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.8	41.7	62.5
119	31.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	37.0	110.9
150	158.7	0.0	342.2

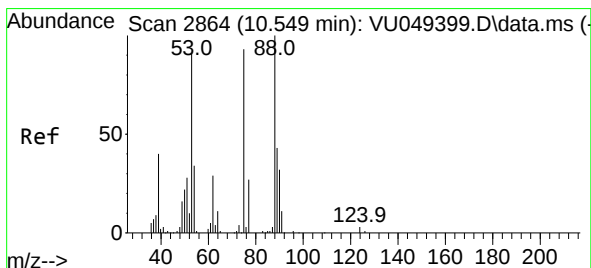
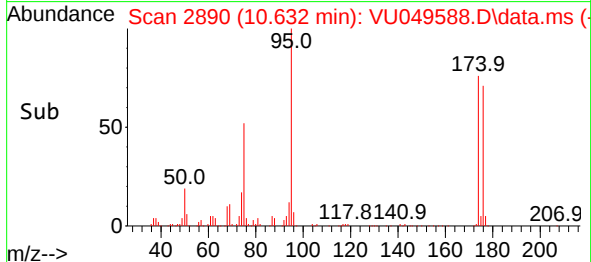
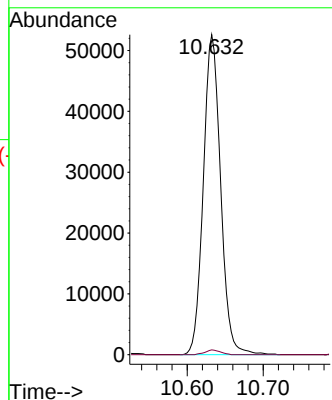
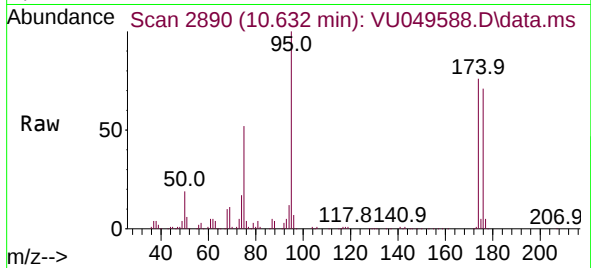




#76
1,2,3-Trichloropropane
Concen: 16.206 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

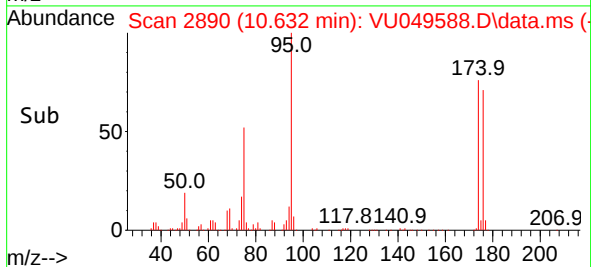
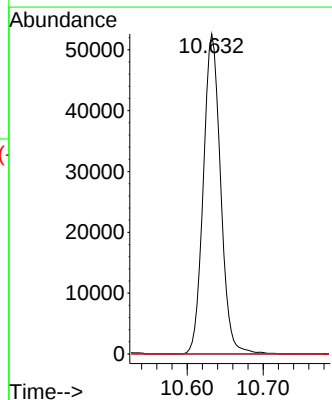
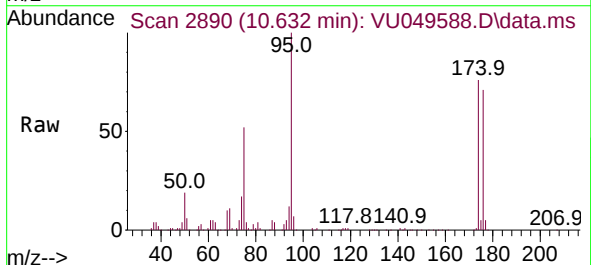
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

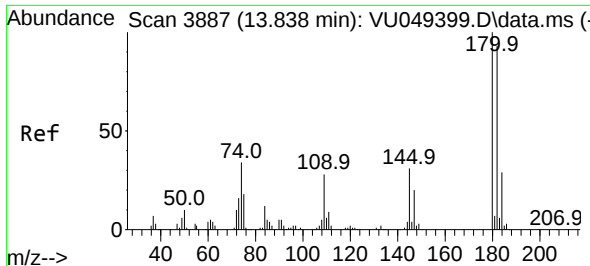
Tgt Ion: 75 Resp: 83102
Ion Ratio Lower Upper
75 100
77 1.3 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.848 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

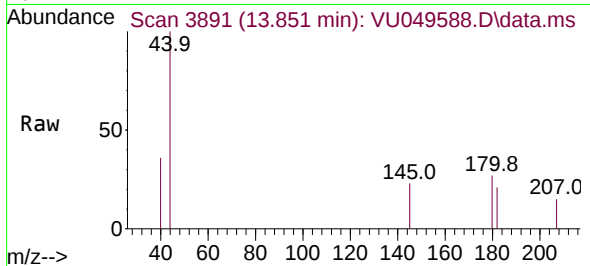
Tgt Ion: 75 Resp: 83102
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



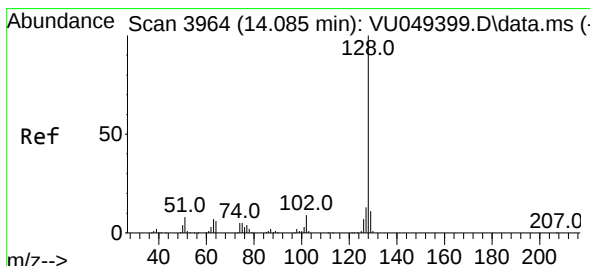
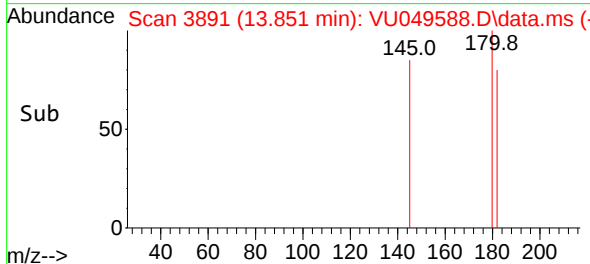
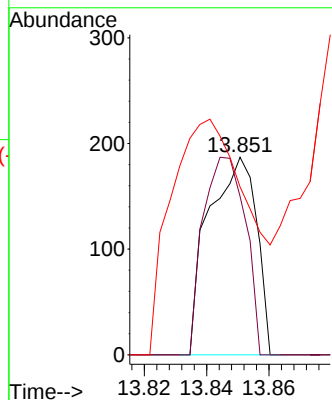


#93
1,2,4-Trichlorobenzene
Concen: 1.810 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.013 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50

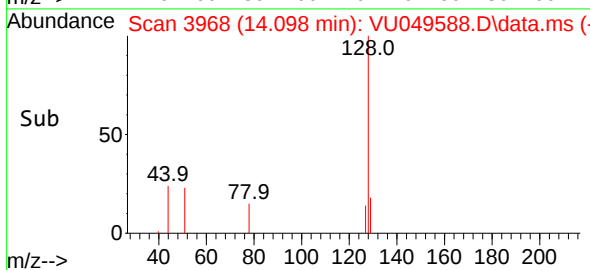
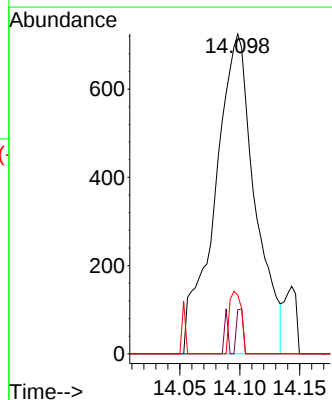
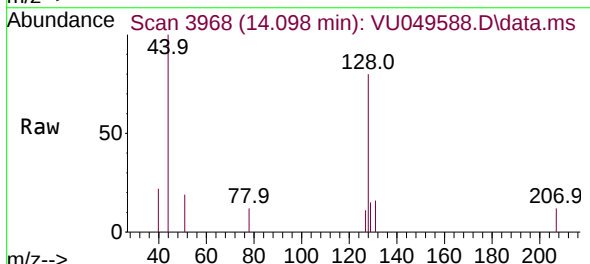


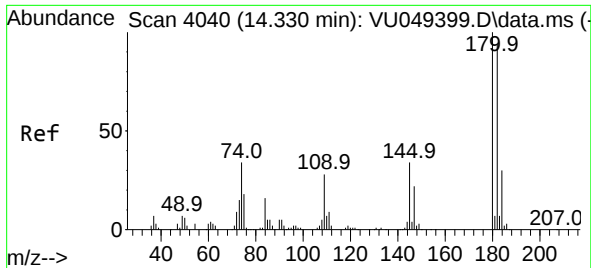
Tgt Ion:180 Resp: 198
Ion Ratio Lower Upper
180 100
182 88.4 47.9 143.6
145 194.4 14.0 41.9#



#95
Naphthalene
Concen: 1.873 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU049588.D
Acq: 01 Jul 2022 17:43

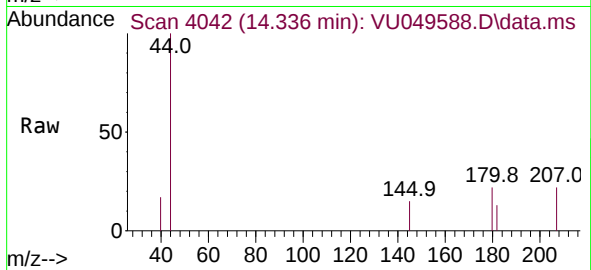
Tgt Ion:128 Resp: 1680
Ion Ratio Lower Upper
128 100
127 2.3 10.3 15.5#
129 5.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.212 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.006 min
 Lab File: VU049588.D
 Acq: 01 Jul 2022 17:43

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50



Tgt Ion:180 Resp: 123
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.4 145.0#
 145 604.1 14.8 44.4#

