

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049582.D
 Acq On : 01 Jul 2022 14:56
 Operator : SY/MD
 Sample : VU0701WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0701WBL01

Quant Time: Jul 04 06:45:14 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)

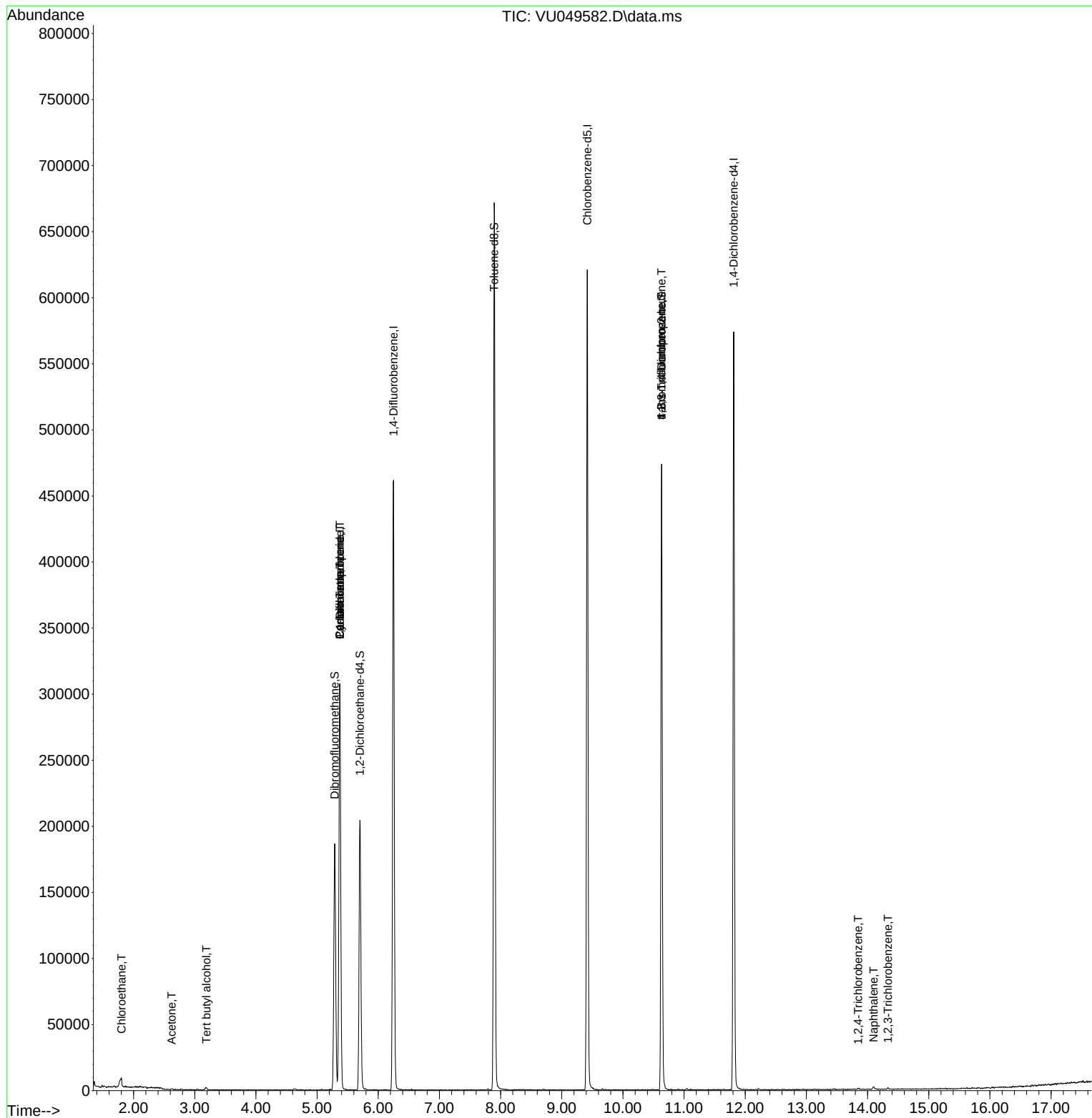
Internal Standards						
1) Pentafluorobenzene	5.372	168	207981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	366162	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	334549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	147819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	153340	47.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.740%
35) Dibromofluoromethane	5.288	113	119031	46.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	7.896	98	440529	48.213	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	10.632	95	156732	44.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1261	Below Cal		90
6) Chloroethane	1.803	64	44	1.943	ug/l #	44
11) Tert butyl alcohol	3.192	59	1316	1.755	ug/l #	37
16) Acetone	2.623	43	701	0.434	ug/l	93
20) Methylene Chloride	3.044	84	98	Below Cal	#	54
31) Cyclohexane	5.372	56	4800	0.998	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	17937	4.829	ug/l #	48
38) Carbon Tetrachloride	5.372	117	21375	5.487	ug/l #	17
76) 1,2,3-Trichloropropane	10.632	75	82270	16.418	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	82270	60.630	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.844	180	513	1.903	ug/l #	89
95) Naphthalene	14.098	128	2720	1.963	ug/l	97
96) 1,2,3-Trichlorobenzene	14.333	180	469	1.312	ug/l #	63

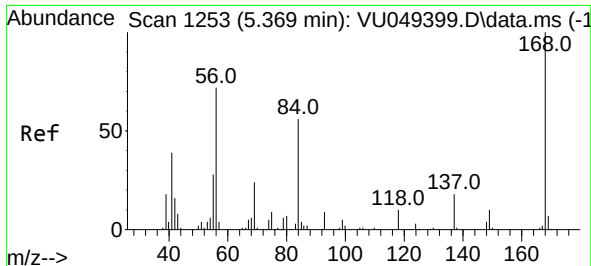
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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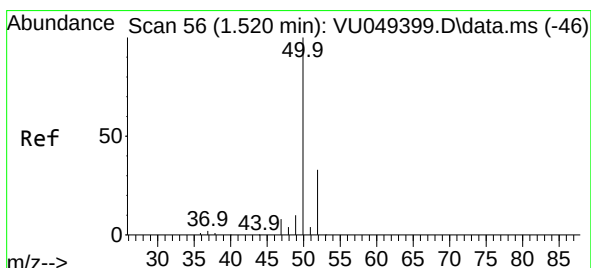
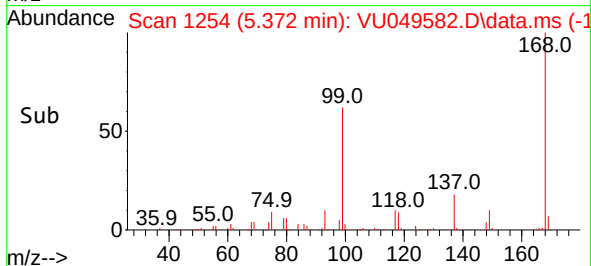
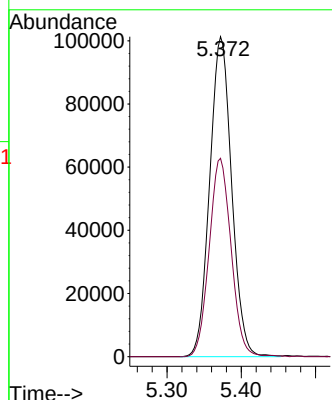
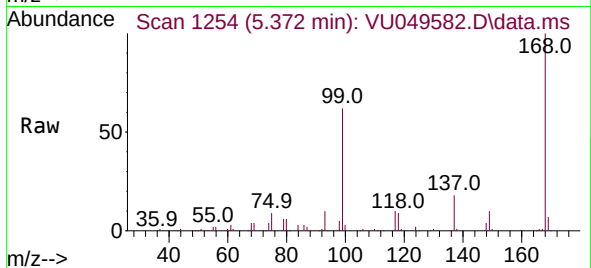




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

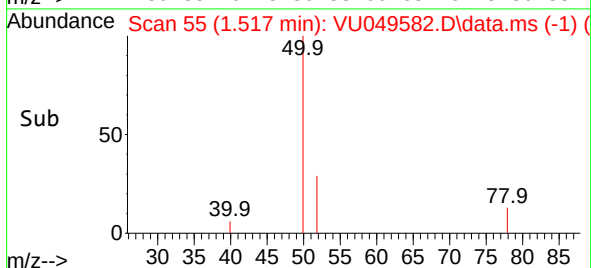
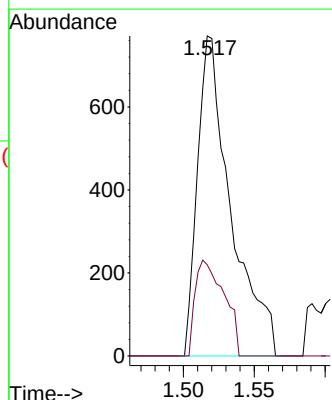
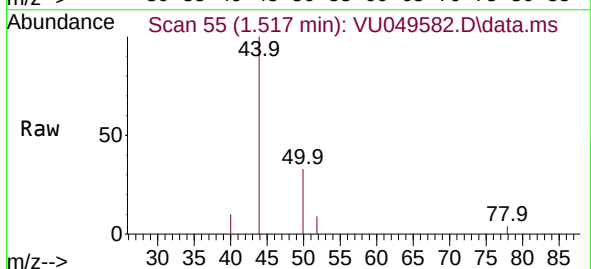
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

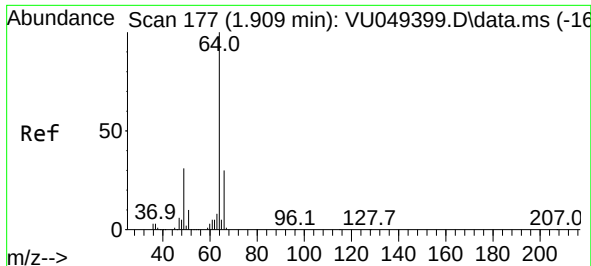
Tgt Ion:168 Resp: 207981
Ion Ratio Lower Upper
168 100
99 62.0 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

Tgt Ion: 50 Resp: 1261
Ion Ratio Lower Upper
50 100
52 28.5 27.4 41.2

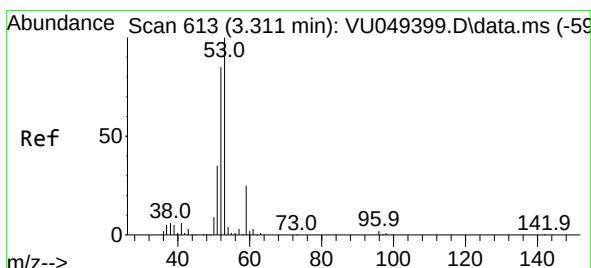
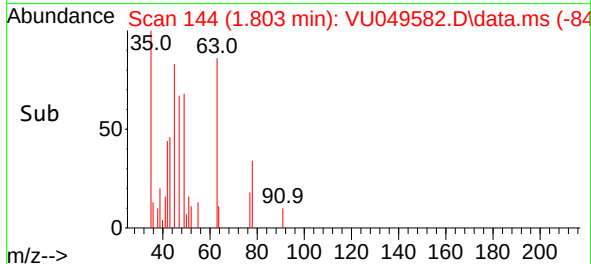
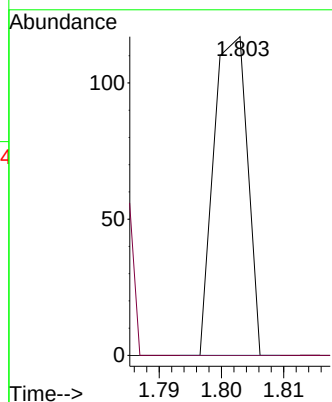
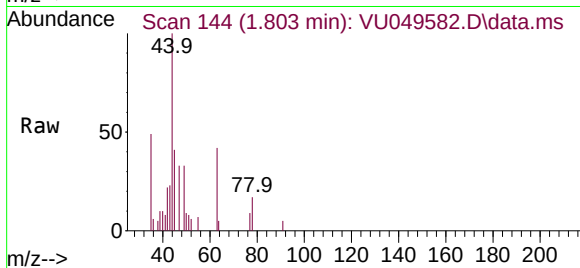




#6
Chloroethane
Concen: 1.943 ug/l
RT: 1.803 min Scan# 14
Delta R.T. -0.106 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

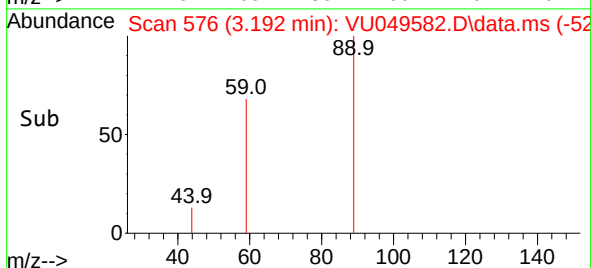
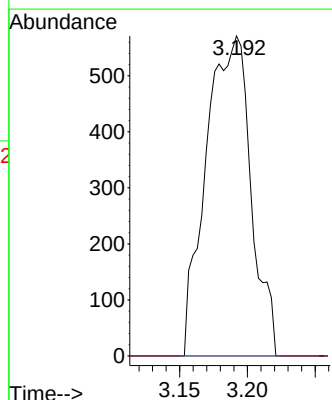
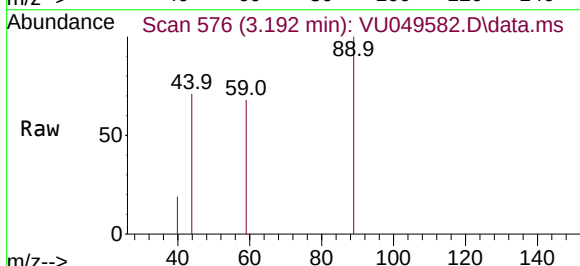
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

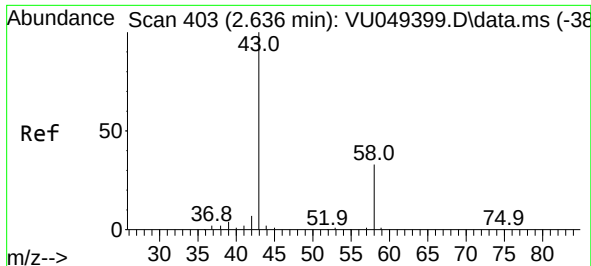
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 1.755 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.119 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

Tgt Ion: 59 Resp: 1316
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

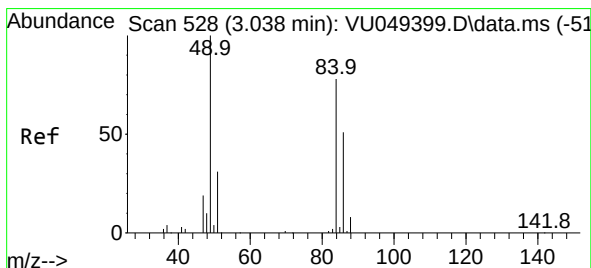
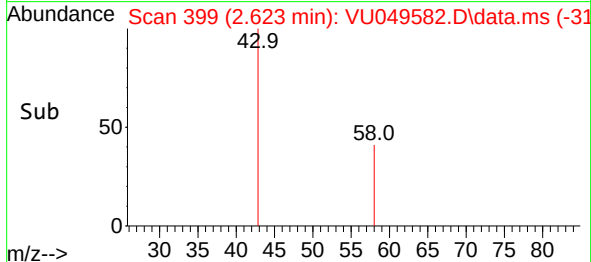
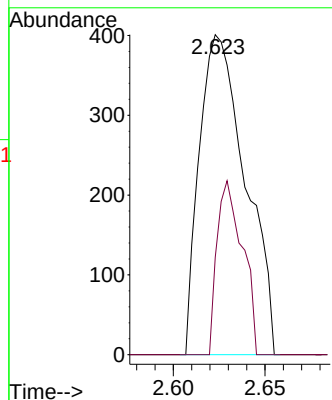
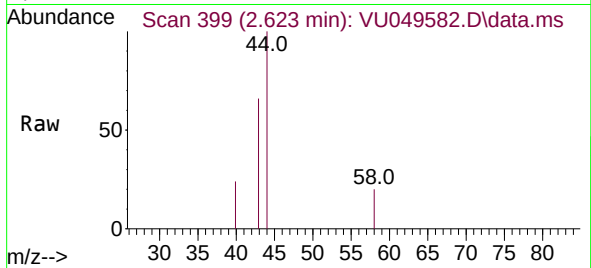




#16
Acetone
Concen: 0.434 ug/l
RT: 2.623 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

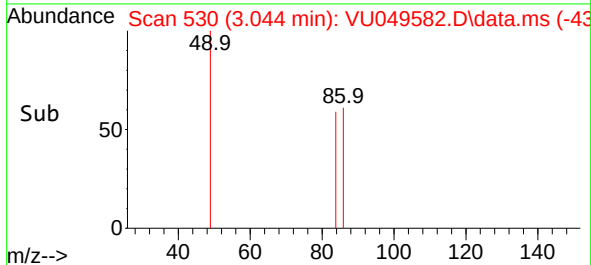
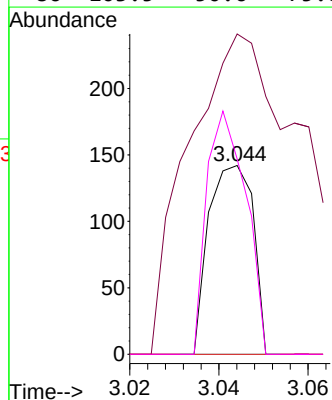
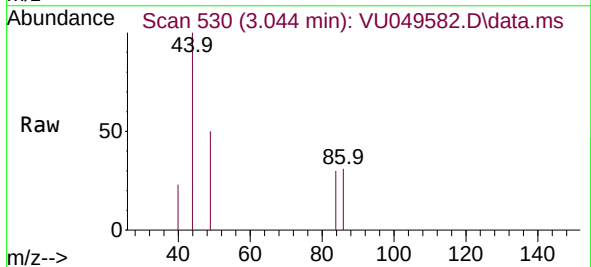
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

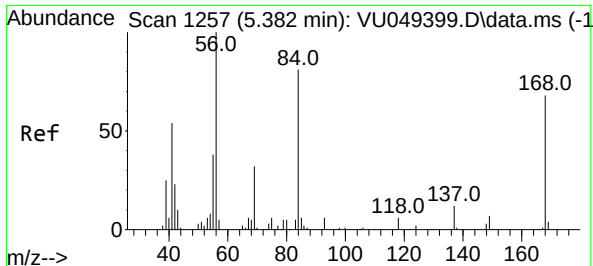
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 30.4 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

Tgt Ion: 84 Resp: 98
Ion Ratio Lower Upper
84 100
49 67.6 86.6 129.8#
51 0.0 26.6 40.0#
86 103.5 50.6 75.8#

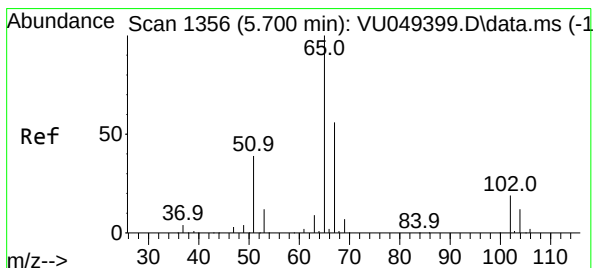
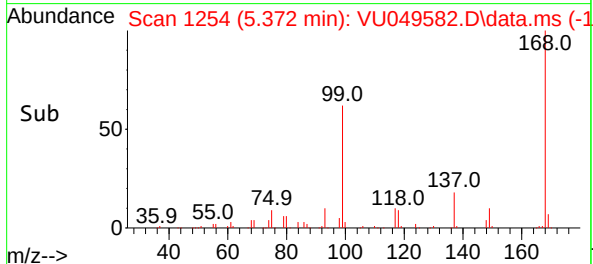
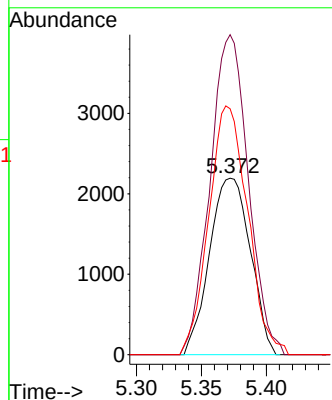
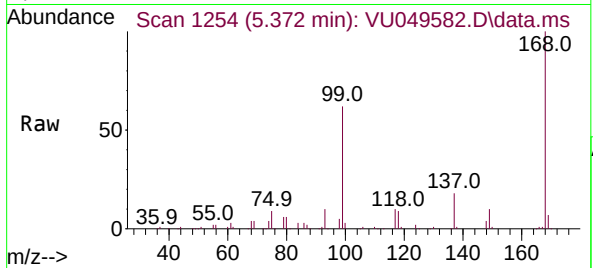




#31
Cyclohexane
Concen: 0.998 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

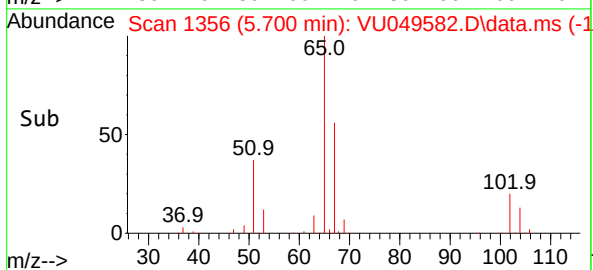
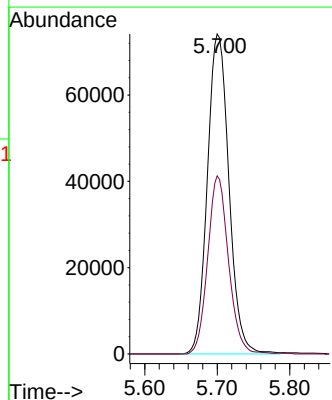
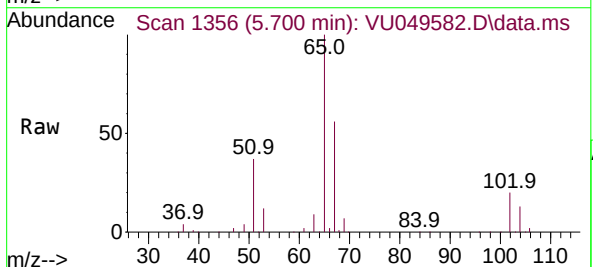
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

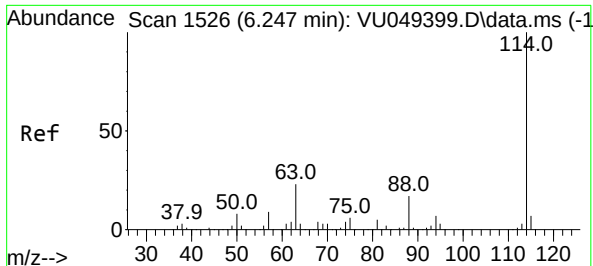
Tgt Ion: 56 Resp: 4800
Ion Ratio Lower Upper
56 100
69 181.3 27.8 41.8#
84 139.4 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 47.873 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

Tgt Ion: 65 Resp: 153340
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049582.D

Acq: 01 Jul 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

VU0701WBL01

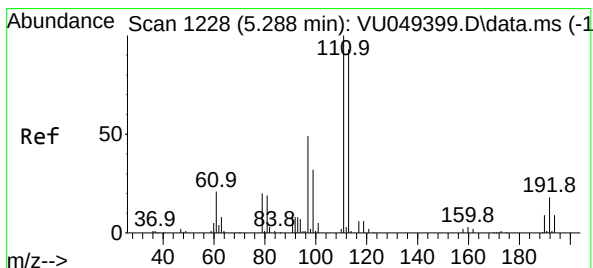
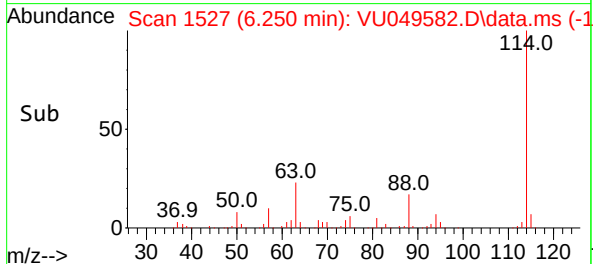
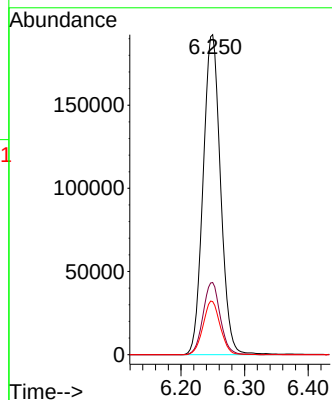
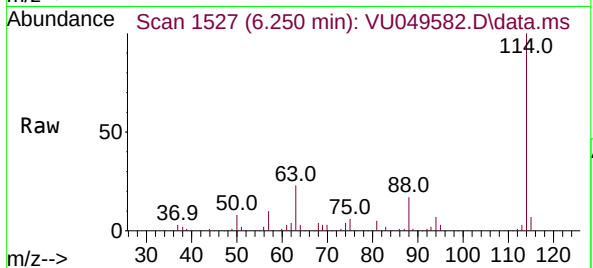
Tgt Ion:114 Resp: 366162

Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.465 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VU049582.D

Acq: 01 Jul 2022 14:56

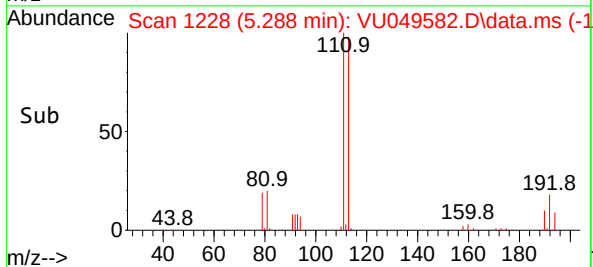
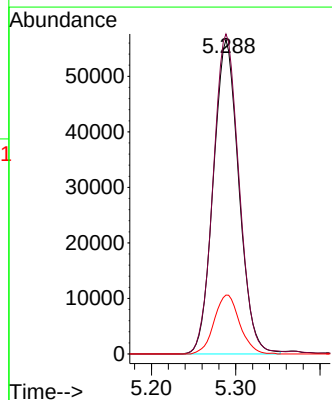
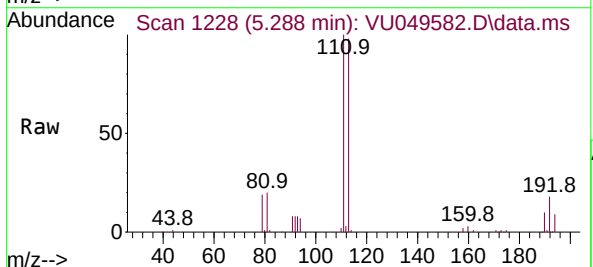
Tgt Ion:113 Resp: 119031

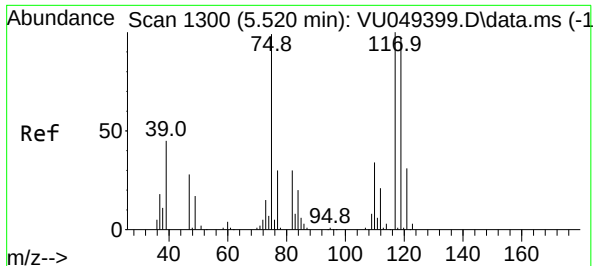
Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 18.7 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.148 min

Lab File: VU049582.D

Acq: 01 Jul 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

VU0701WBL01

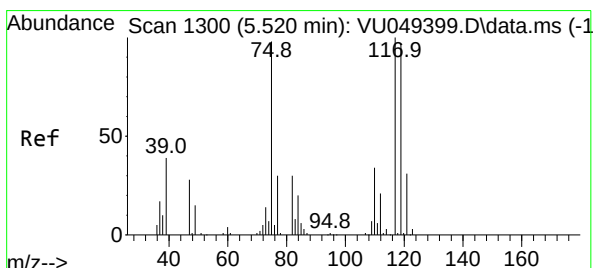
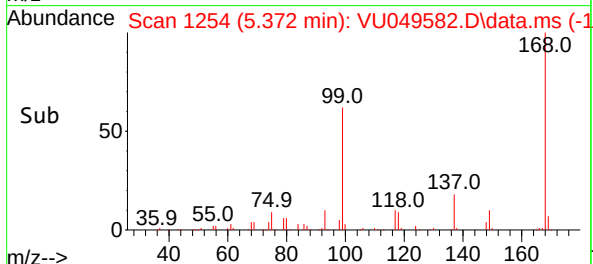
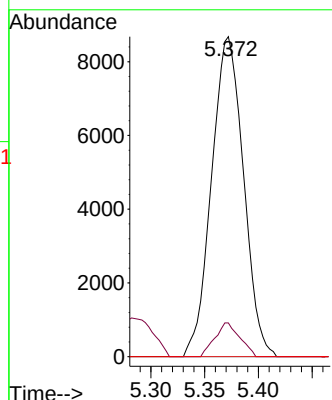
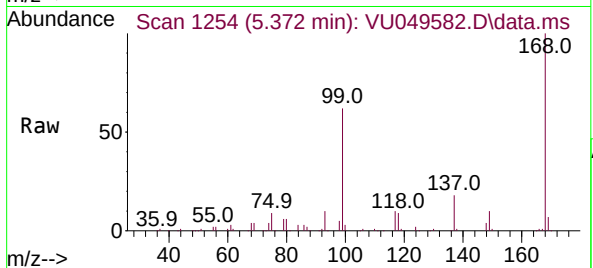
Tgt Ion: 75 Resp: 17937

Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.487 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049582.D

Acq: 01 Jul 2022 14:56

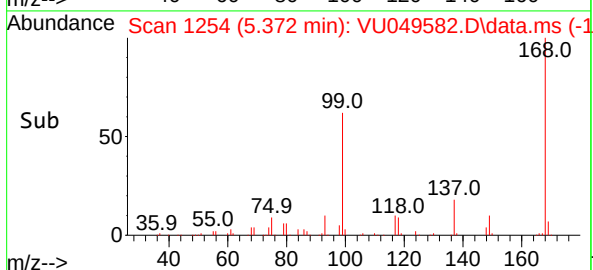
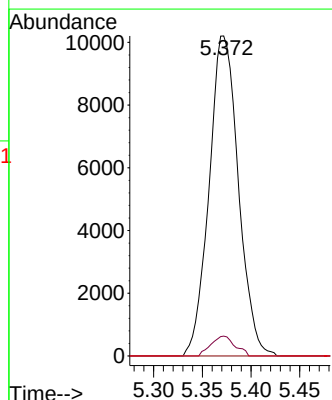
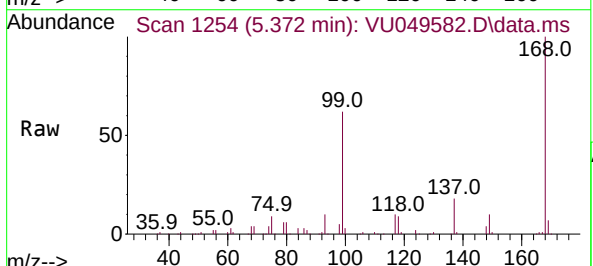
Tgt Ion: 117 Resp: 21375

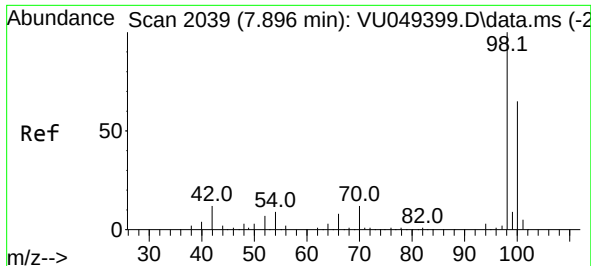
Ion Ratio Lower Upper

117 100

119 6.2 76.8 115.2#

121 0.0 24.7 37.1#

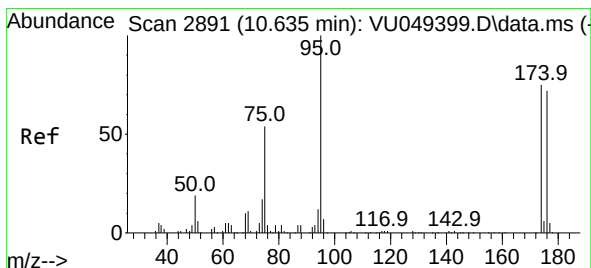
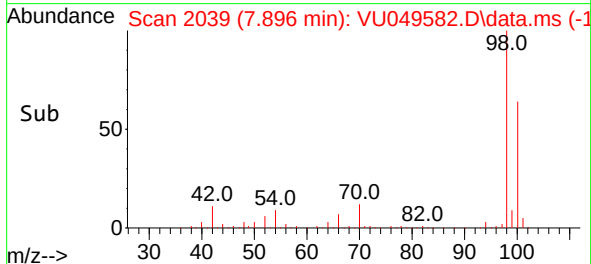
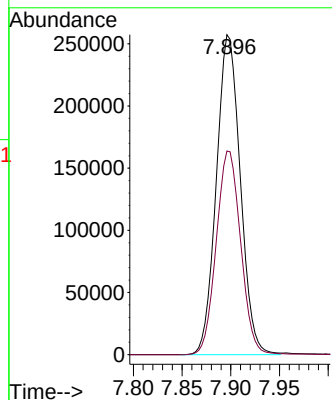
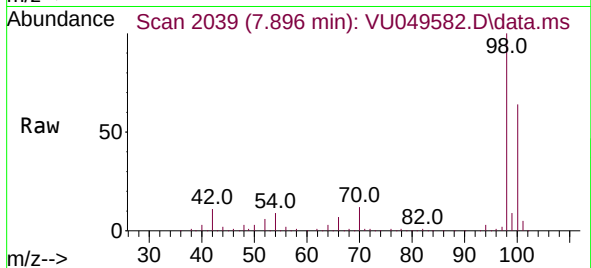




#50
Toluene-d8
Concen: 48.213 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

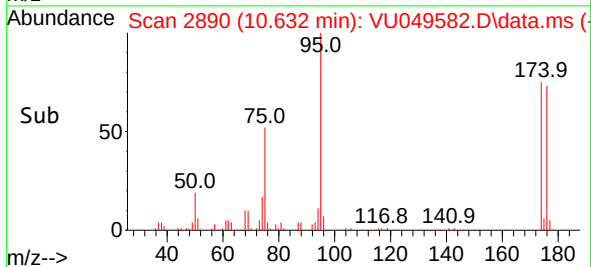
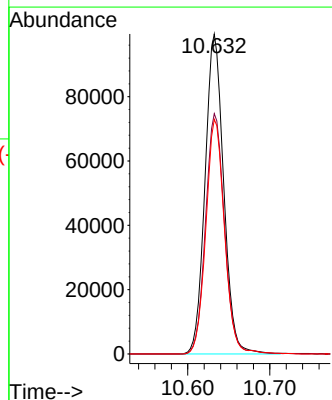
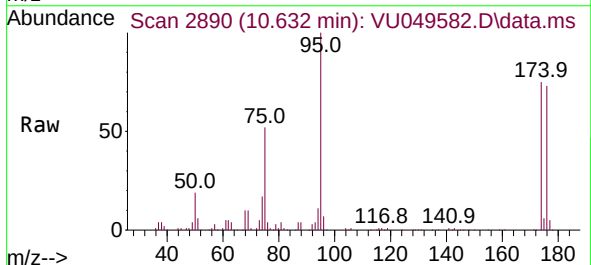
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

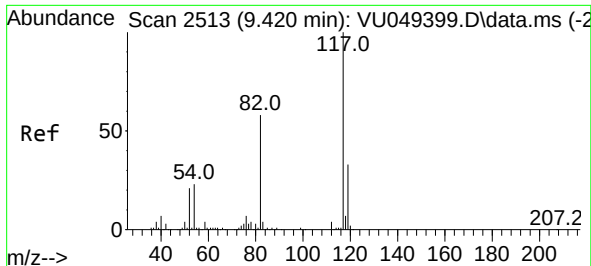
Tgt Ion: 98 Resp: 440529
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.779 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

Tgt Ion: 95 Resp: 156732
Ion Ratio Lower Upper
95 100
174 76.5 0.0 182.0
176 73.5 0.0 177.8

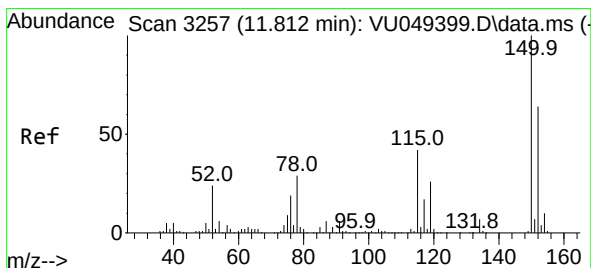
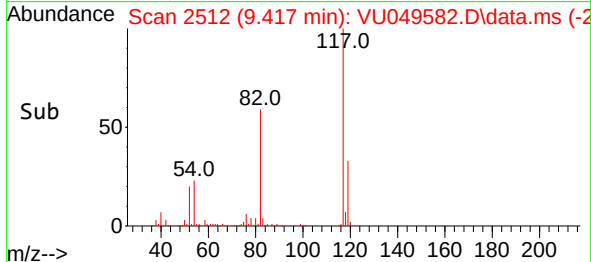
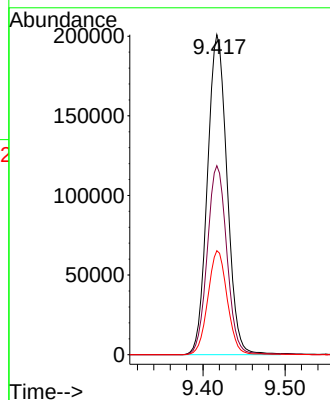
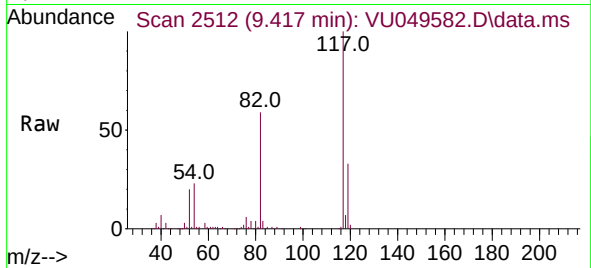




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

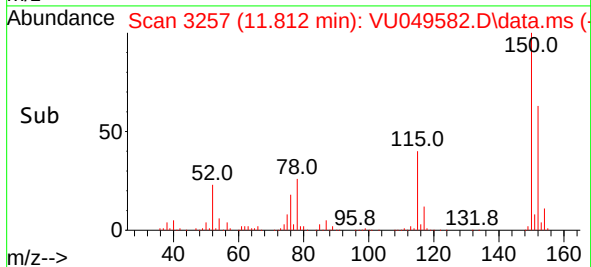
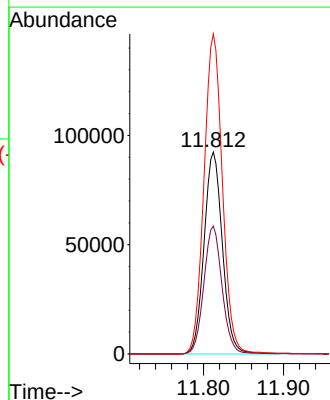
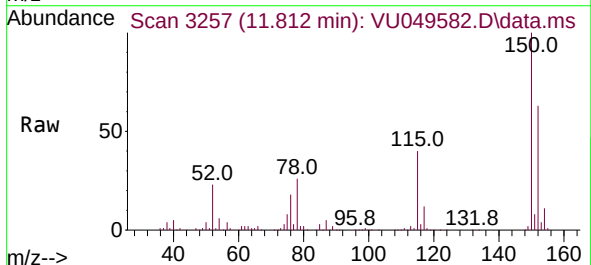
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

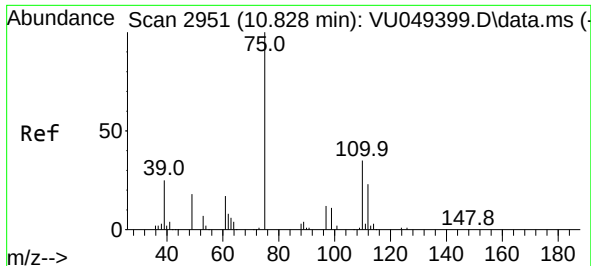
Tgt Ion:117 Resp: 334549
Ion Ratio Lower Upper
117 100
82 59.0 41.7 62.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

Tgt Ion:152 Resp: 147819
Ion Ratio Lower Upper
152 100
115 62.8 37.0 110.9
150 159.1 0.0 342.2

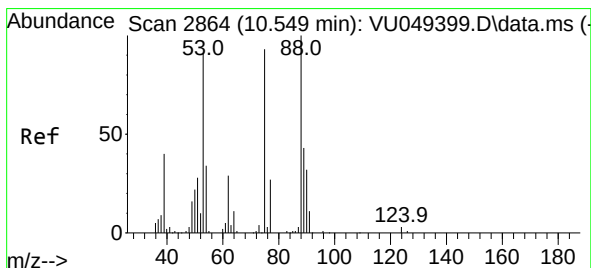
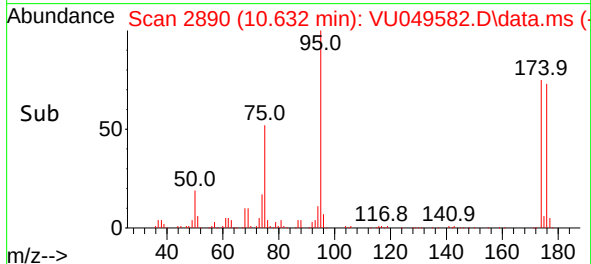
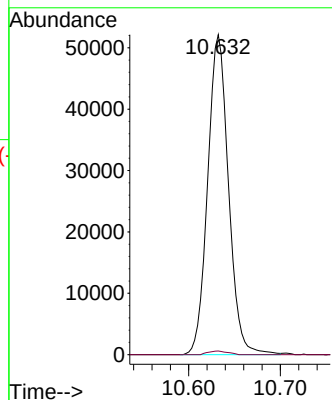
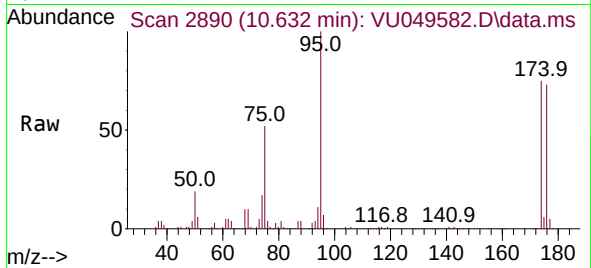




#76
1,2,3-Trichloropropane
Concen: 16.418 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

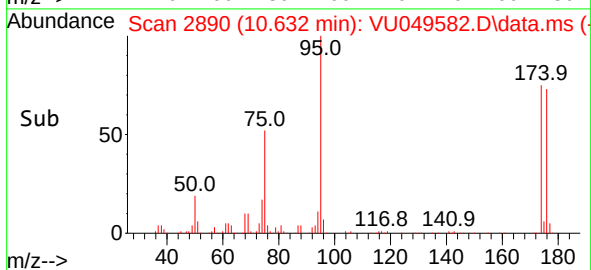
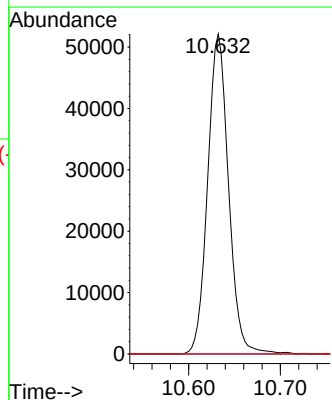
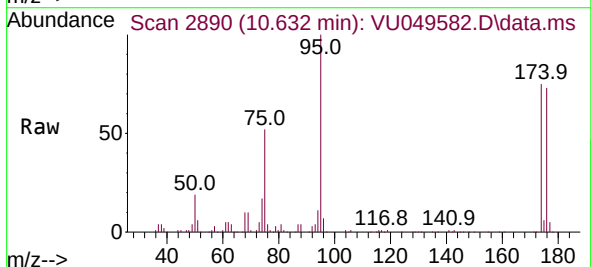
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01

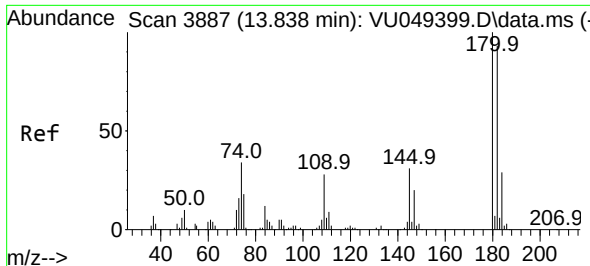
Tgt Ion: 75 Resp: 82270
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.630 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

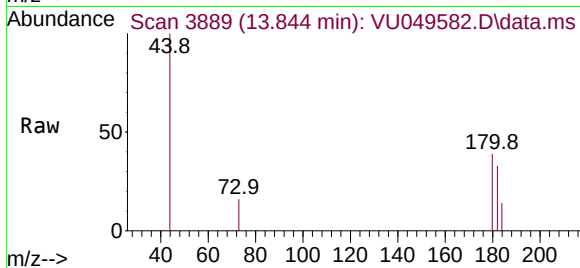
Tgt Ion: 75 Resp: 82270
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



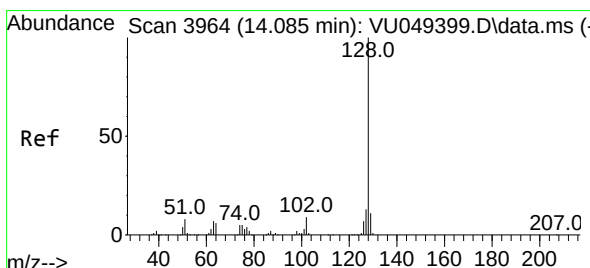
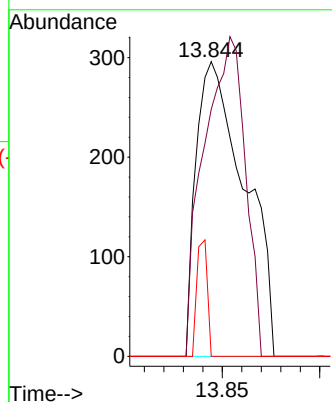
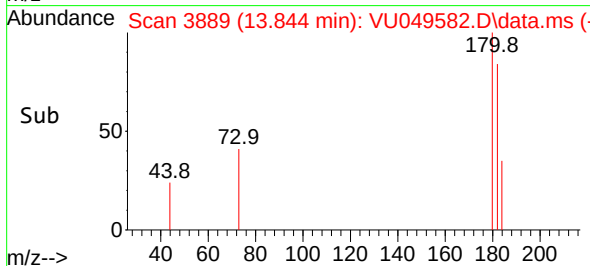


#93
1,2,4-Trichlorobenzene
Concen: 1.903 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56

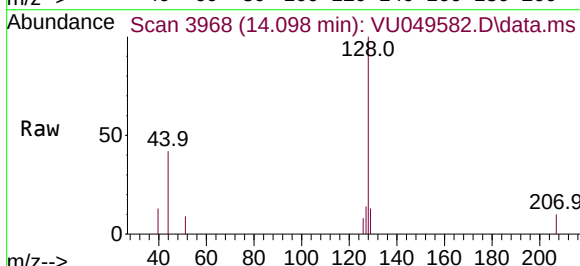
Instrument :
MSVOA_U
ClientSampleId :
VU0701WBL01



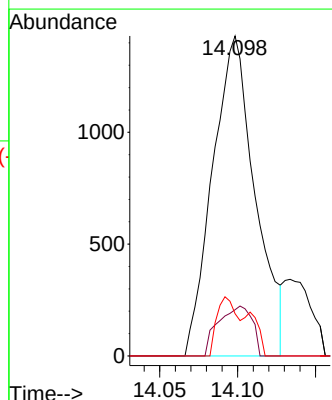
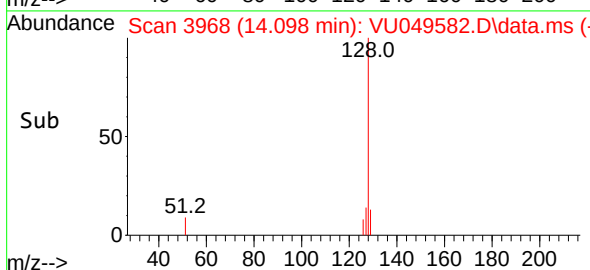
Tgt Ion:180 Resp: 513
Ion Ratio Lower Upper
180 100
182 92.0 47.9 143.6
145 8.6 14.0 41.9#

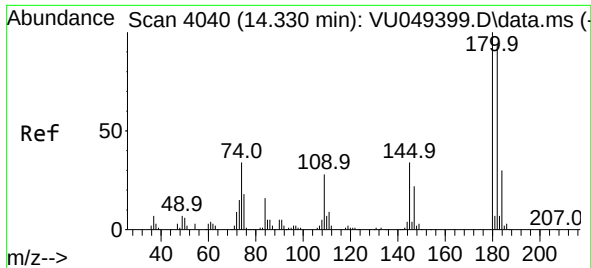


#95
Naphthalene
Concen: 1.963 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU049582.D
Acq: 01 Jul 2022 14:56



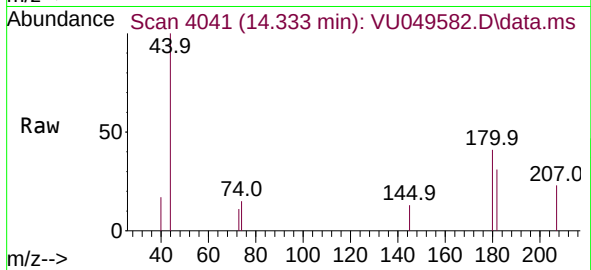
Tgt Ion:128 Resp: 2720
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 8.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.312 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU049582.D
 Acq: 01 Jul 2022 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0701WBL01



Tgt Ion:180 Resp: 469
 Ion Ratio Lower Upper
 180 100
 182 60.1 48.4 145.0
 145 9.8 14.8 44.4#

