

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049617.D
 Acq On : 05 Jul 2022 14:48
 Operator : SY/MD
 Sample : N3564-32
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-3

Quant Time: Jul 06 07:47:59 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)

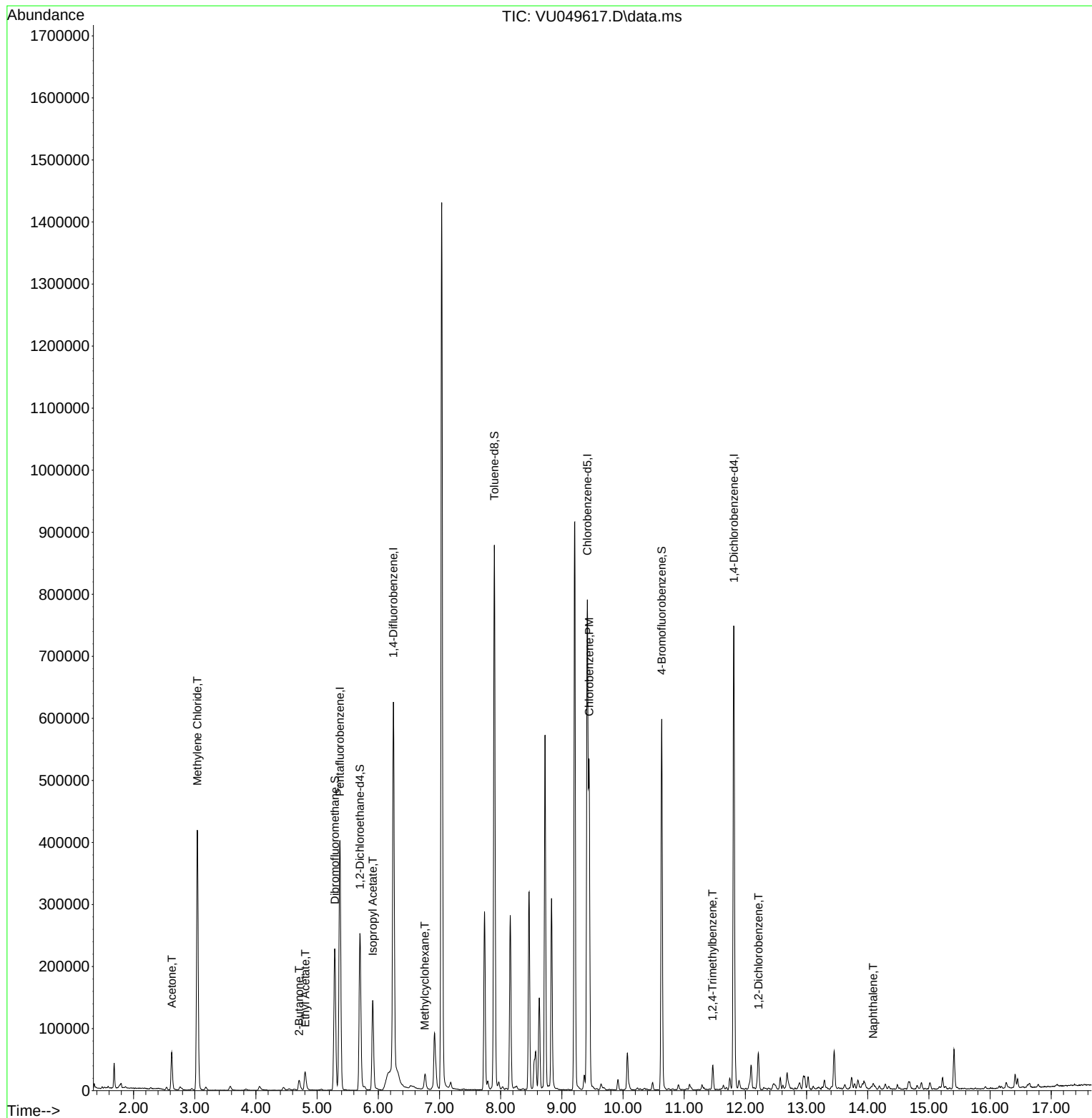
Internal Standards						
1) Pentafluorobenzene	5.372	168	275303	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	471993	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	427687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185543	43.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.520%
35) Dibromofluoromethane	5.289	113	147458	44.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.300%
50) Toluene-d8	7.896	98	567865	48.214	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	10.632	95	203281	45.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
						Qvalue
16) Acetone	2.623	43	65074	30.435	ug/l	98
20) Methylene Chloride	3.041	84	193782	54.512	ug/l	90
25) 2-Butanone	4.707	43	25030	7.811	ug/l	92
37) Ethyl Acetate	4.806	43	40722	6.224	ug/l	# 93
39) Methylcyclohexane	6.761	83	7137	1.244	ug/l	94
43) Isopropyl Acetate	5.909	43	156394	16.313	ug/l	96
65) Chlorobenzene	9.446	112	258436	29.557	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	22382	1.860	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	22077	3.356	ug/l	97
95) Naphthalene	14.089	128	8459	2.265	ug/l	# 95

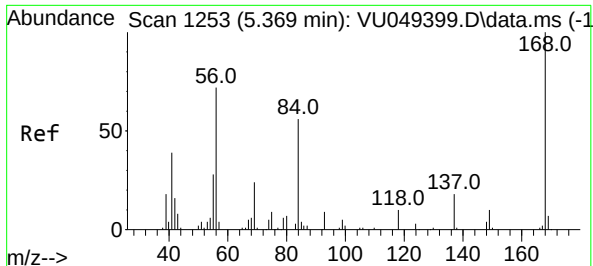
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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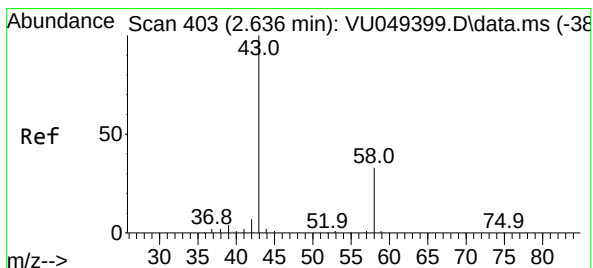
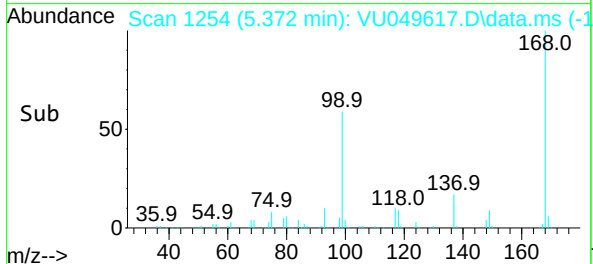
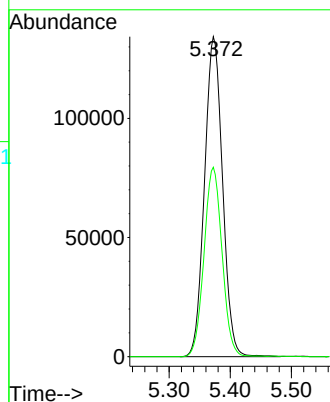
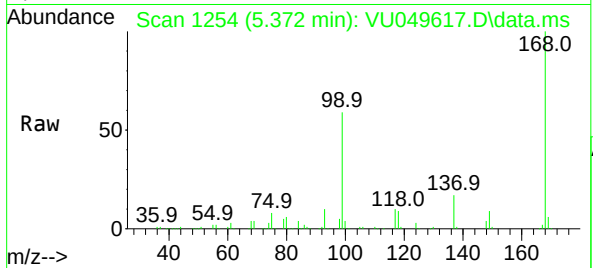




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

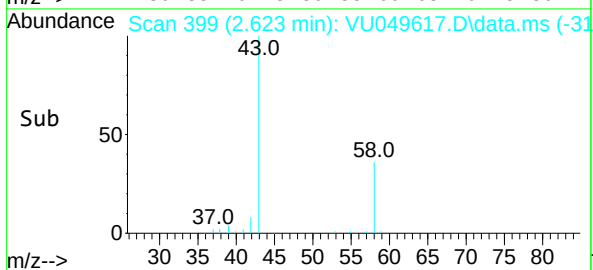
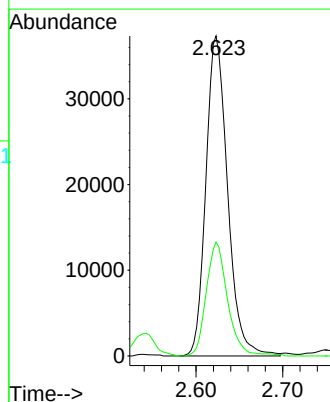
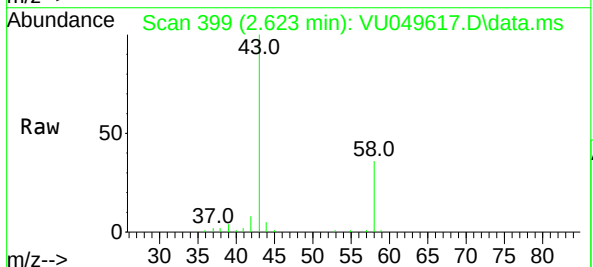
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

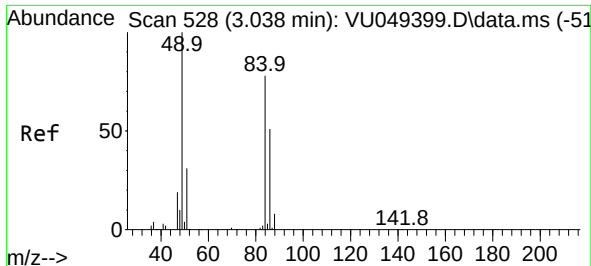
Tgt Ion:168 Resp: 275303
Ion Ratio Lower Upper
168 100
99 59.2 39.3 58.9#



#16
Acetone
Concen: 30.435 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 43 Resp: 65074
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3

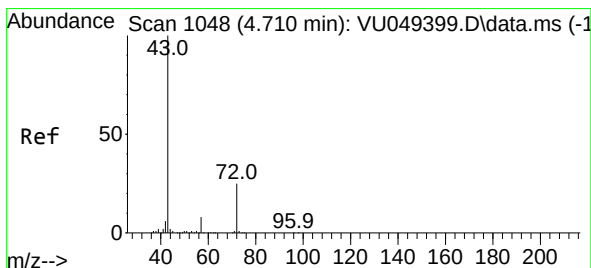
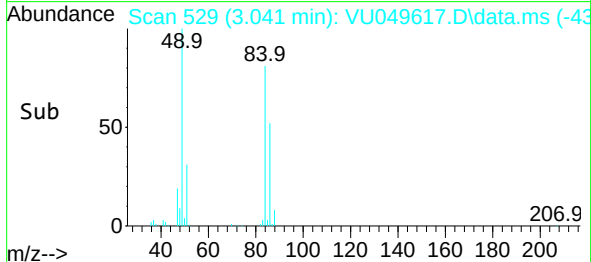
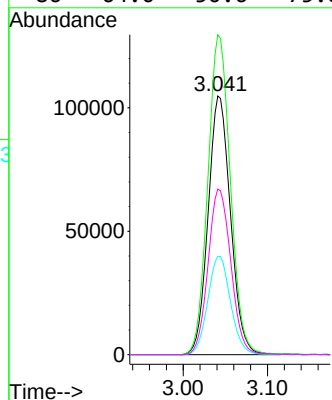
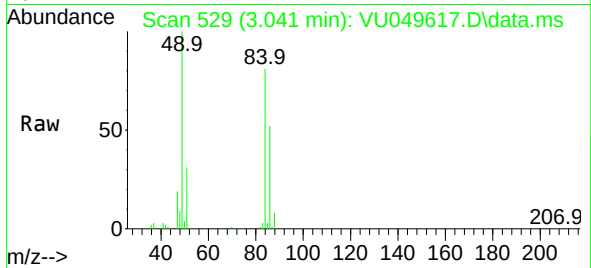




#20
Methylene Chloride
Concen: 54.512 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

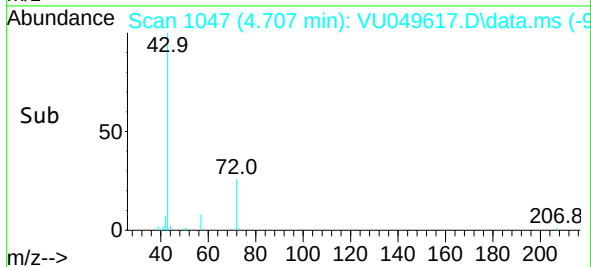
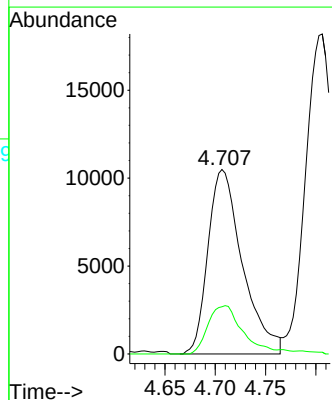
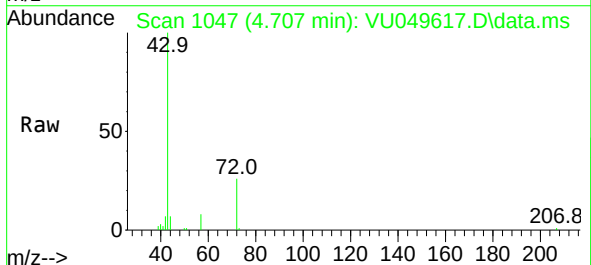
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

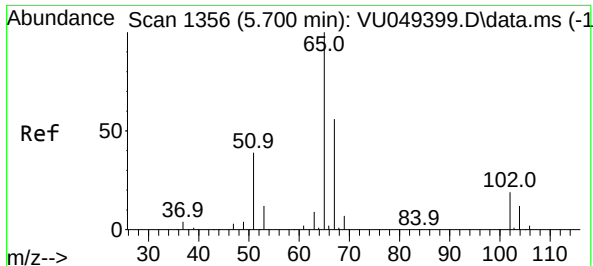
Tgt Ion: 84 Resp: 193782
Ion Ratio Lower Upper
84 100
49 123.7 86.6 129.8
51 38.0 26.6 40.0
86 64.0 50.6 75.8



#25
2-Butanone
Concen: 7.811 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 43 Resp: 25030
Ion Ratio Lower Upper
43 100
72 25.6 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 43.762 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

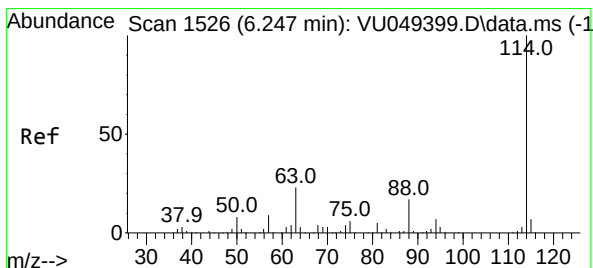
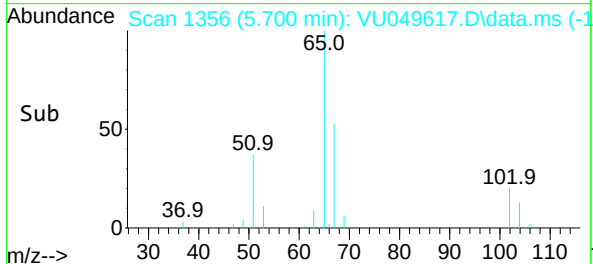
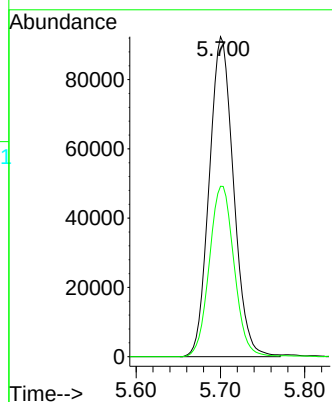
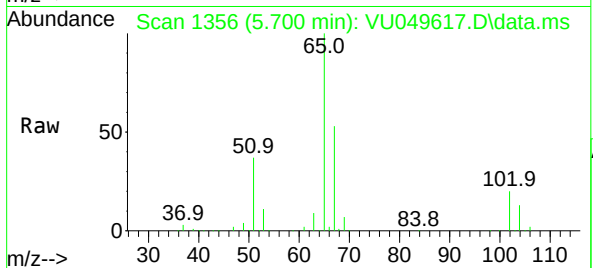
WC-16-2-3

Tgt Ion: 65 Resp: 185543

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

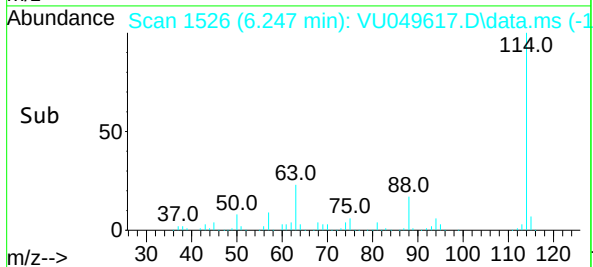
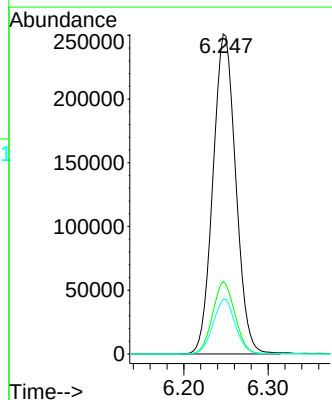
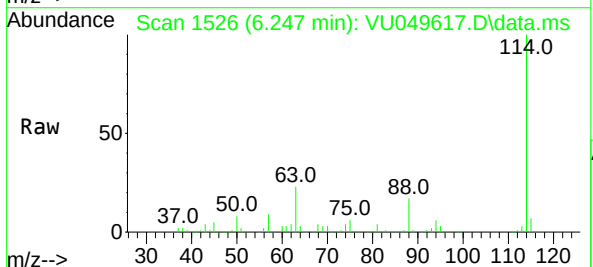
Tgt Ion: 114 Resp: 471993

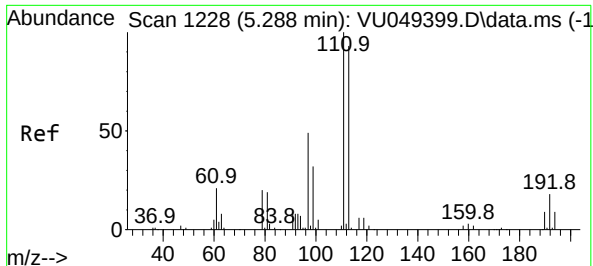
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 17.1 0.0 29.2

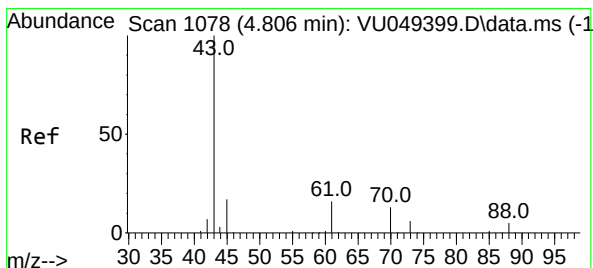
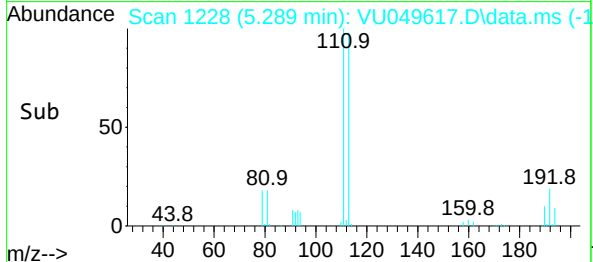
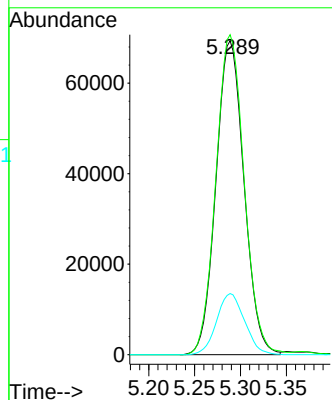
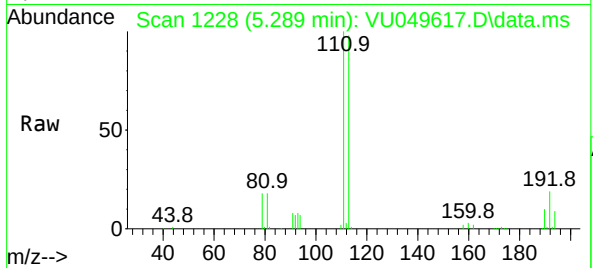




#35
Dibromofluoromethane
Concen: 44.655 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

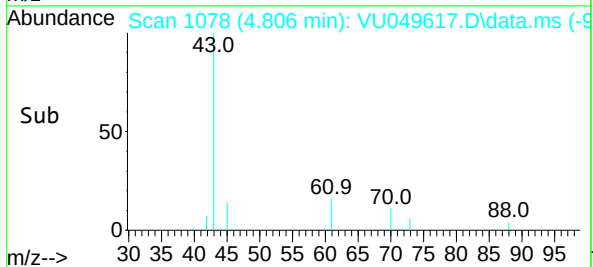
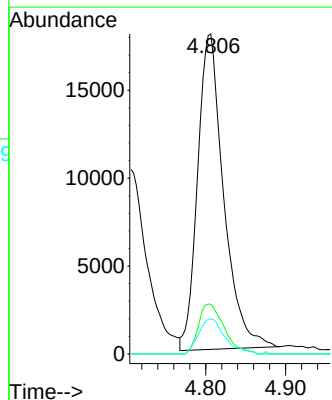
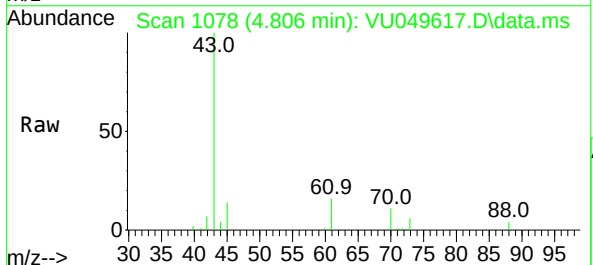
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

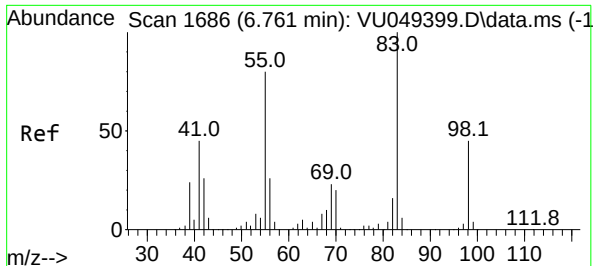
Tgt Ion:113 Resp: 147458
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 19.5 18.0 27.0



#37
Ethyl Acetate
Concen: 6.224 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 43 Resp: 40722
Ion Ratio Lower Upper
43 100
61 15.6 9.5 14.3#
70 11.2 7.5 11.3





#39

Methylcyclohexane

Concen: 1.244 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

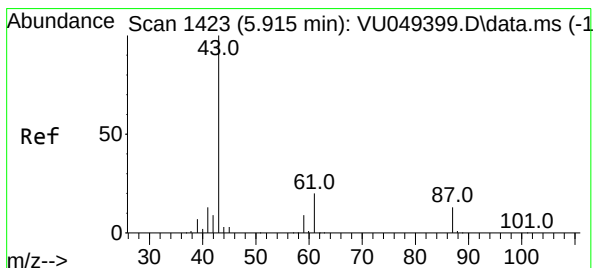
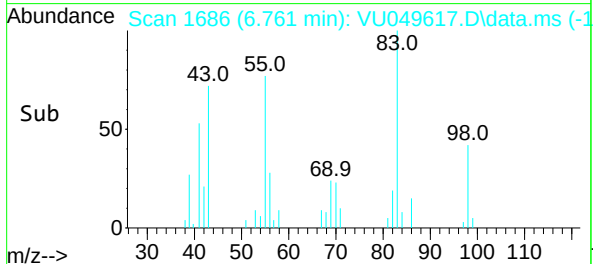
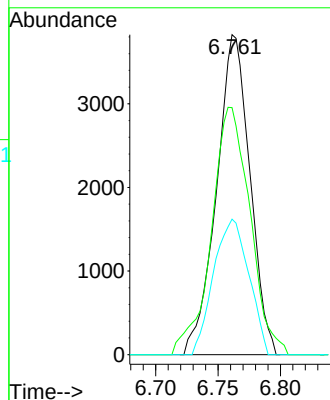
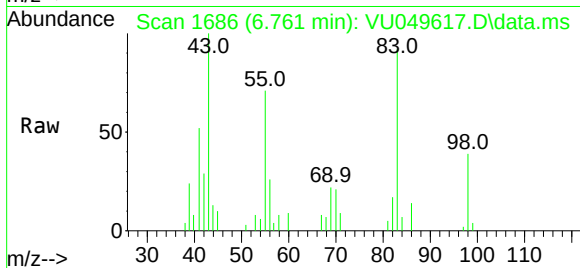
Tgt Ion: 83 Resp: 7137

Ion Ratio Lower Upper

83 100

55 73.2 55.3 82.9

98 42.4 37.3 55.9



#43

Isopropyl Acetate

Concen: 16.313 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

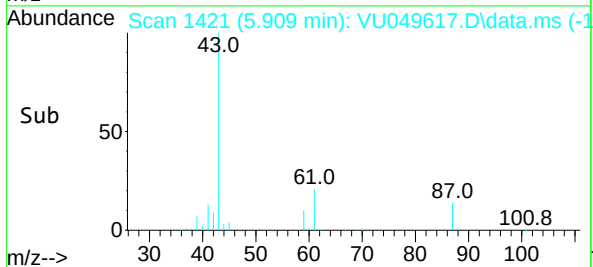
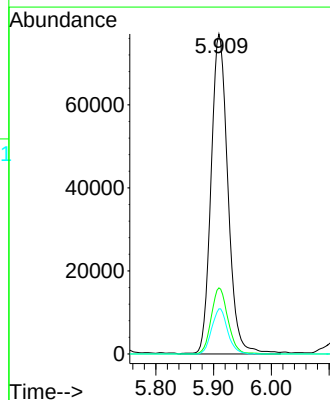
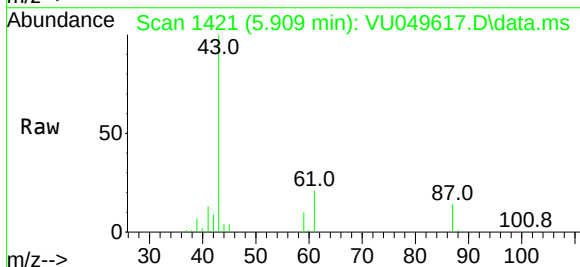
Tgt Ion: 43 Resp: 156394

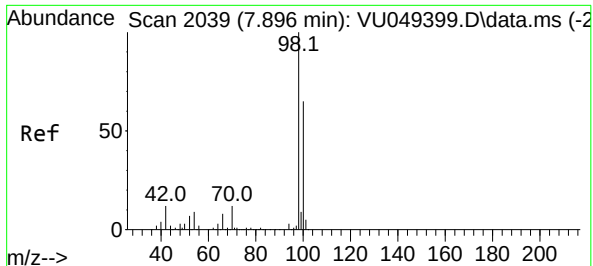
Ion Ratio Lower Upper

43 100

61 20.4 17.4 26.0

87 13.2 12.6 18.8

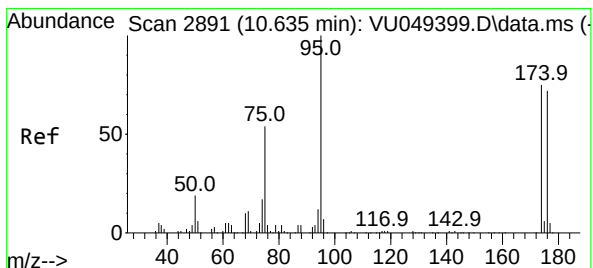
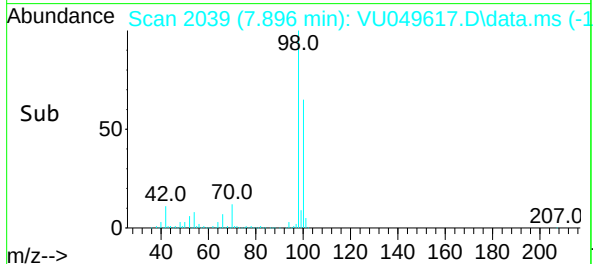
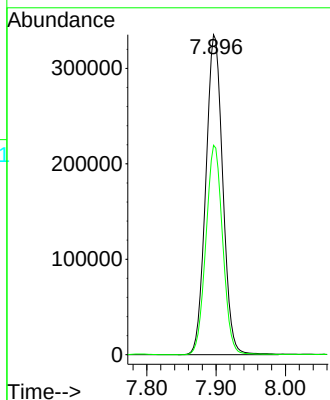
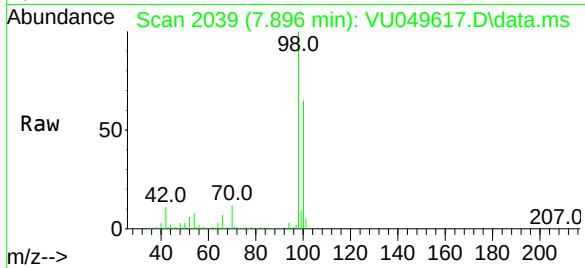




#50
Toluene-d8
Concen: 48.214 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

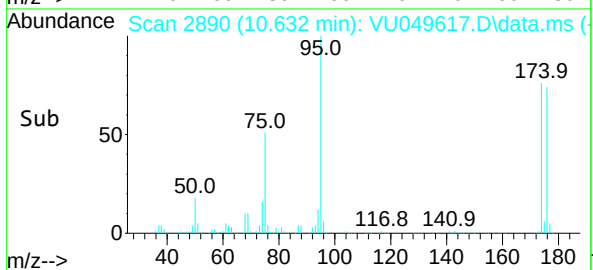
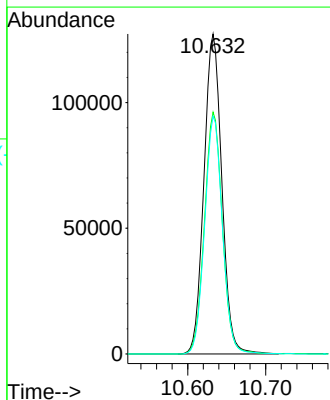
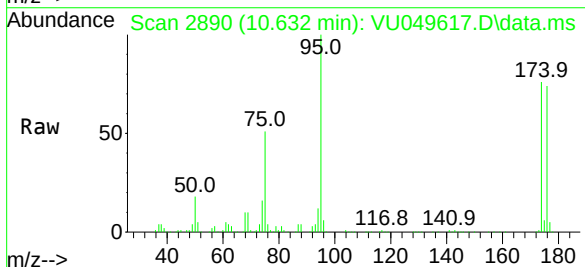
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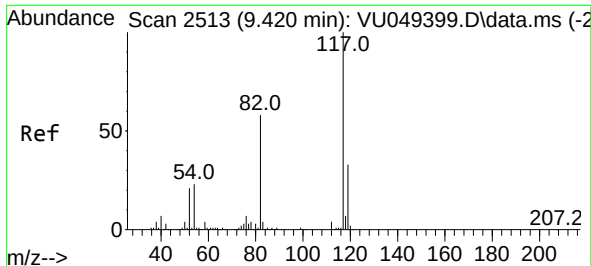
Tgt Ion: 98 Resp: 567865
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.056 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion: 95 Resp: 203281
Ion Ratio Lower Upper
95 100
174 75.8 0.0 182.0
176 73.6 0.0 177.8

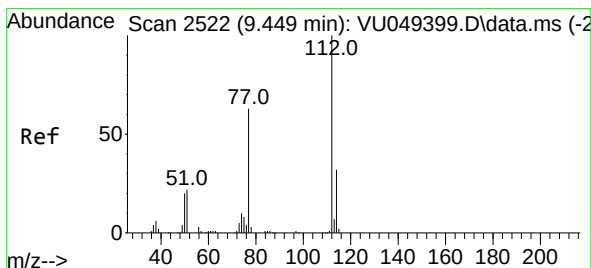
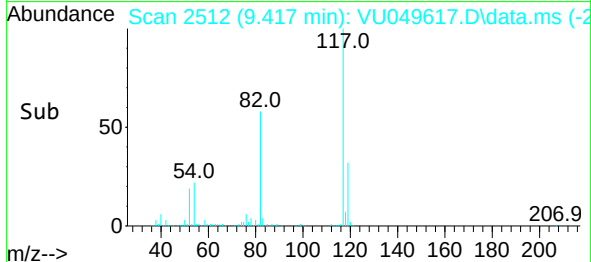
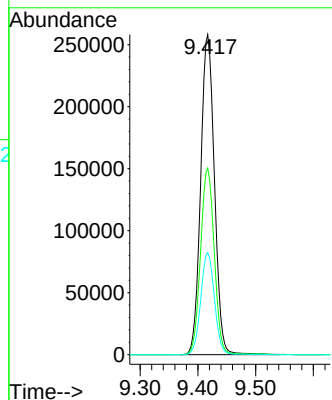
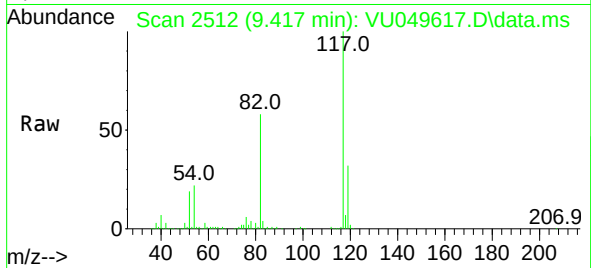




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

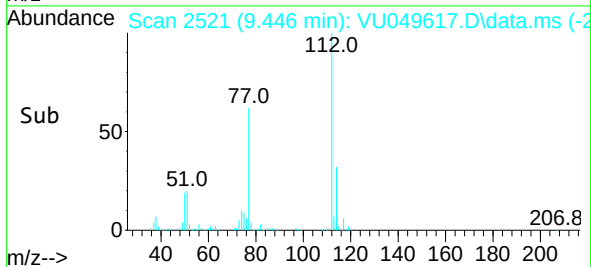
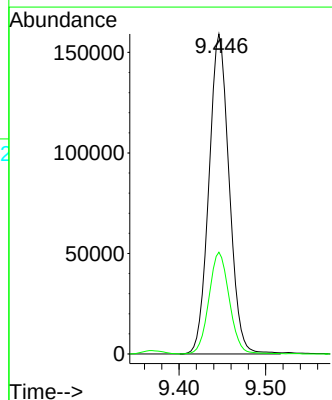
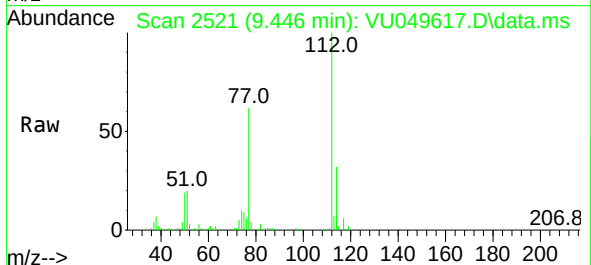
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

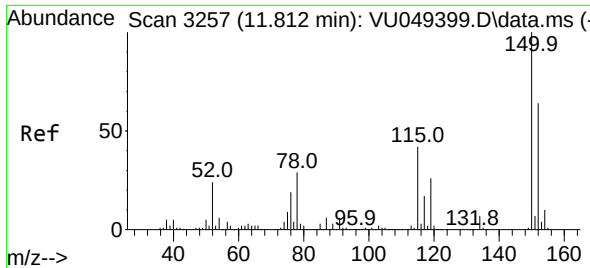
Tgt Ion:117 Resp: 427687
Ion Ratio Lower Upper
117 100
82 58.3 41.7 62.5
119 31.8 25.7 38.5



#65
Chlorobenzene
Concen: 29.557 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion:112 Resp: 258436
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3

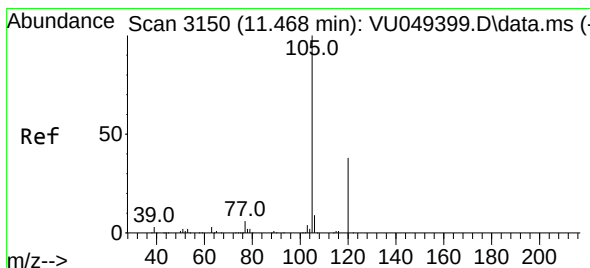
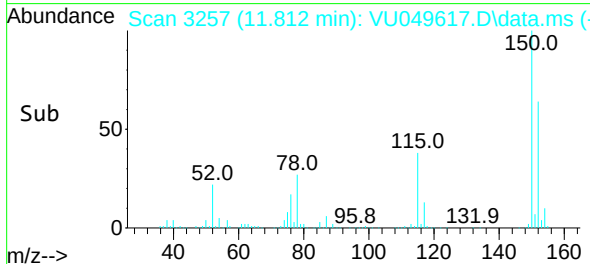
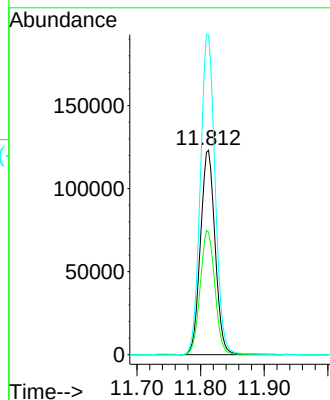
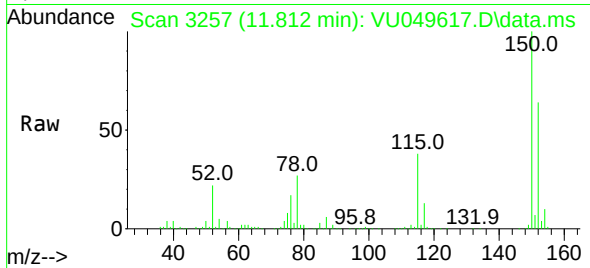




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

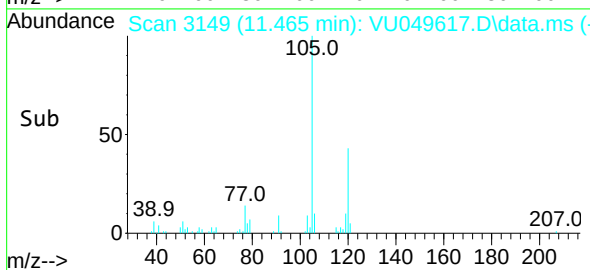
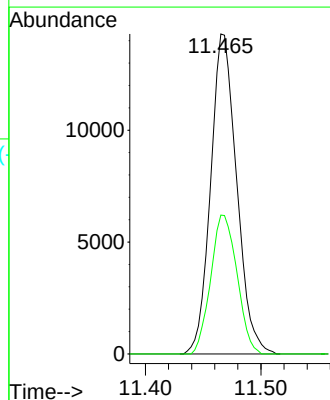
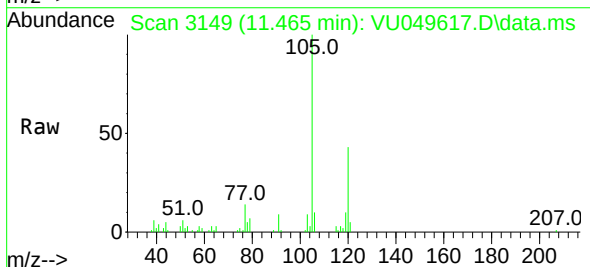
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3

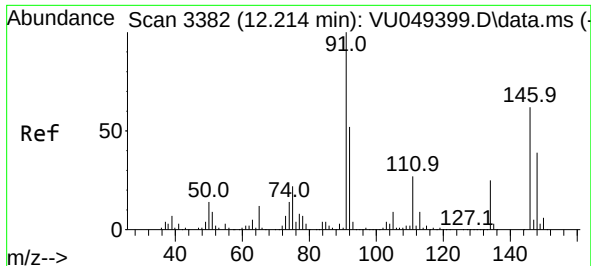
Tgt Ion:152 Resp: 196961
Ion Ratio Lower Upper
152 100
115 60.9 37.0 110.9
150 157.2 0.0 342.2



#84
1,2,4-Trimethylbenzene
Concen: 1.860 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU049617.D
Acq: 05 Jul 2022 14:48

Tgt Ion:105 Resp: 22382
Ion Ratio Lower Upper
105 100
120 43.8 23.4 70.3





#91

1,2-Dichlorobenzene

Concen: 3.356 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3

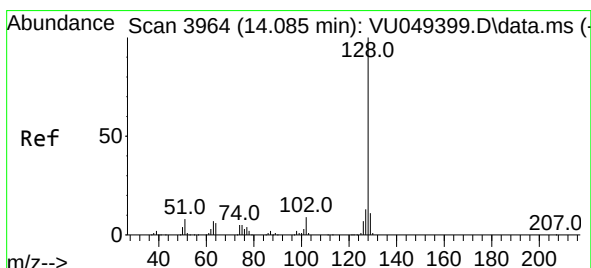
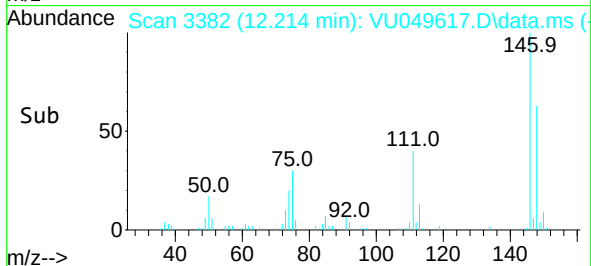
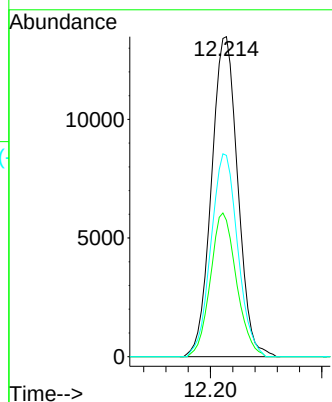
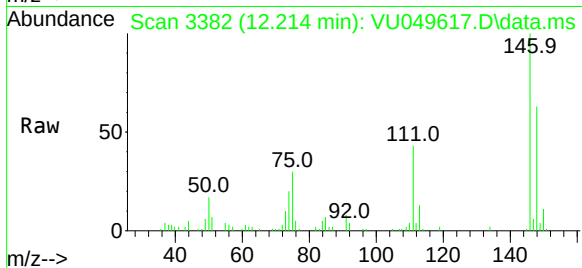
Tgt Ion:146 Resp: 22077

Ion Ratio Lower Upper

146 100

111 44.5 19.9 59.6

148 64.6 32.1 96.5



#95

Naphthalene

Concen: 2.265 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU049617.D

Acq: 05 Jul 2022 14:48

Tgt Ion:128 Resp: 8459

Ion Ratio Lower Upper

128 100

127 10.3 10.3 15.5#

129 9.9 8.6 13.0

