

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048963.D
 Acq On : 08 Jun 2022 15:30
 Operator : SY/MD
 Sample : N3166-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP07-20220601

Quant Time: Jun 09 09:55:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

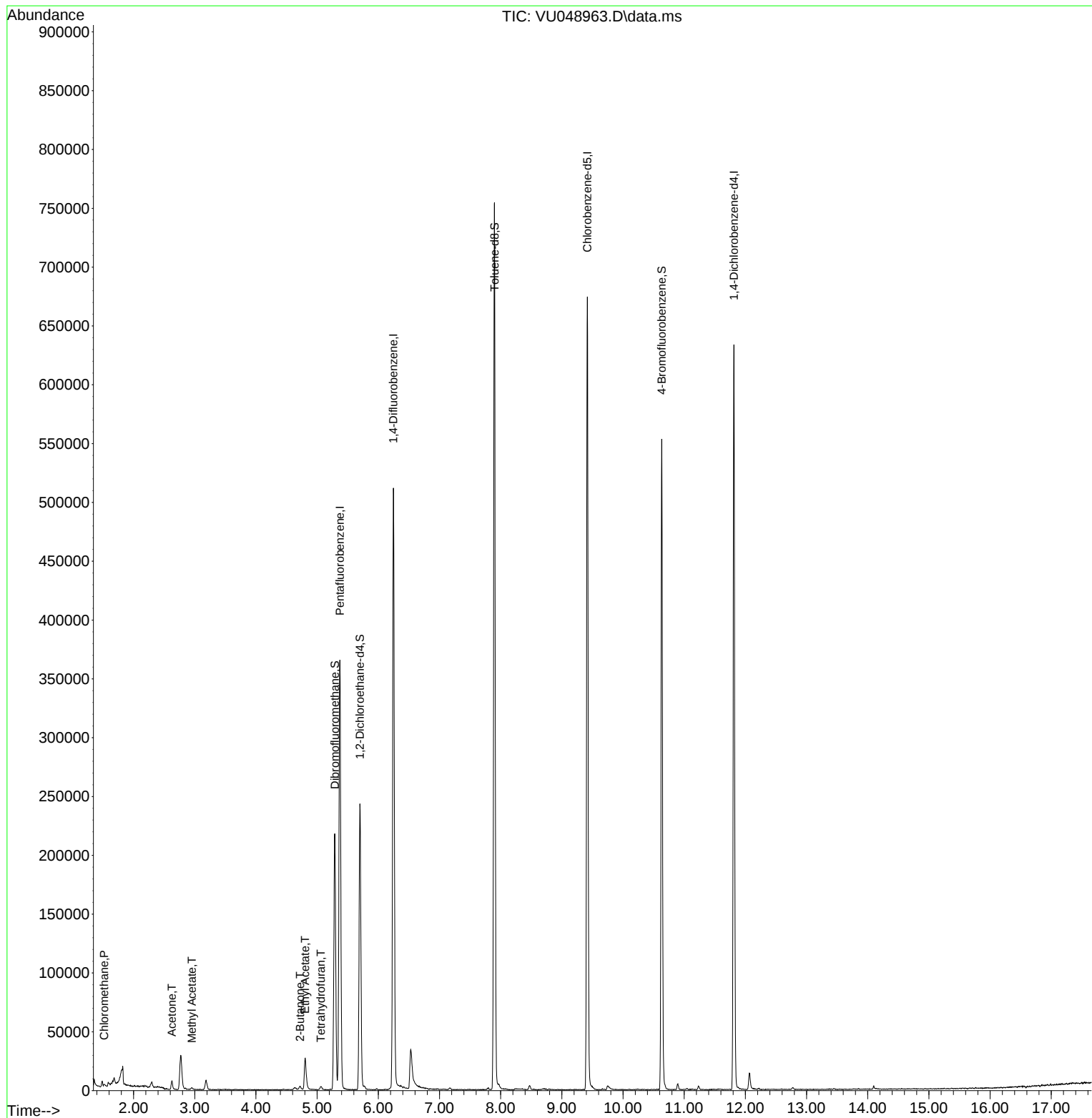
Internal Standards						
1) Pentafluorobenzene	5.372	168	243140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	403957	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	373548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	167673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	186844	51.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.340%
35) Dibromofluoromethane	5.288	113	140589	48.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	7.899	98	497833	48.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.380%
62) 4-Bromofluorobenzene	10.632	95	181375	46.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	901	0.251	ug/l #	78
16) Acetone	2.626	43	8435	4.533	ug/l	99
18) Methyl Acetate	2.951	43	2562	0.548	ug/l #	83
25) 2-Butanone	4.719	43	4406	1.648	ug/l	95
29) Tetrahydrofuran	5.060	42	2038	1.210	ug/l #	65
37) Ethyl Acetate	4.803	43	37365	7.027	ug/l	100

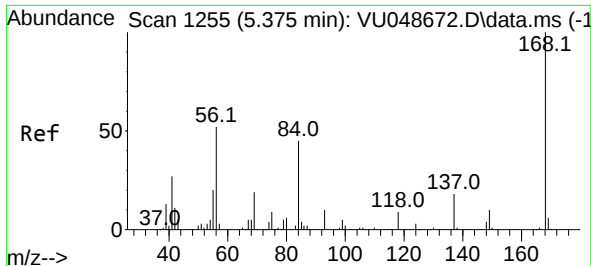
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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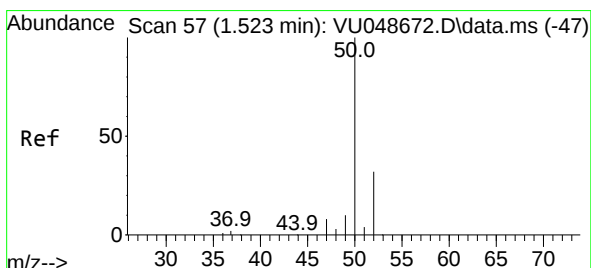
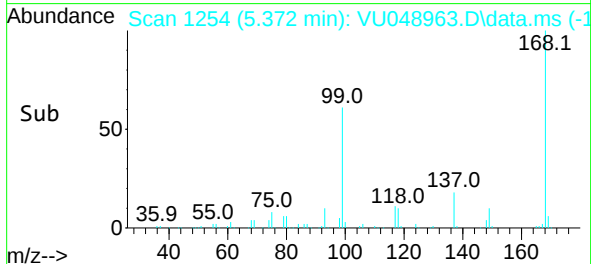
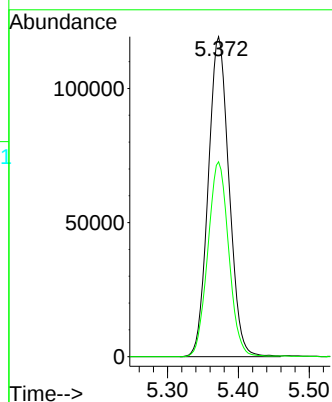
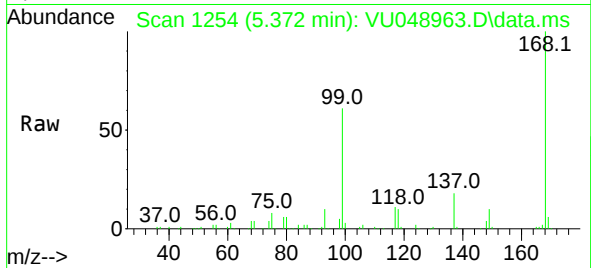




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048963.D
Acq: 08 Jun 2022 15:30

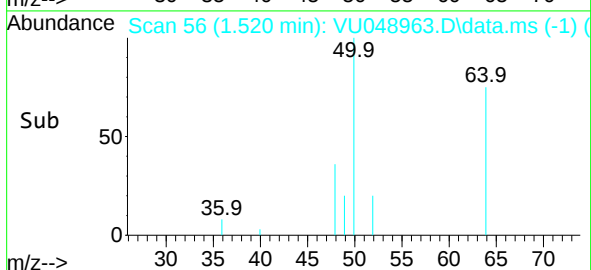
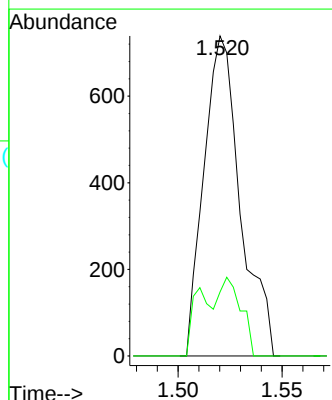
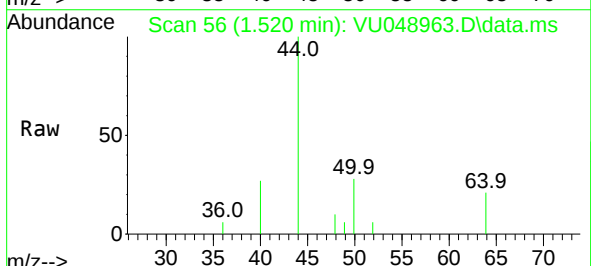
Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

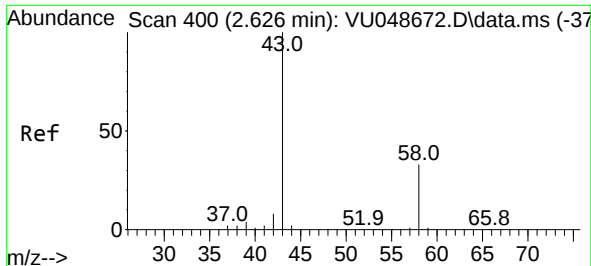
Tgt Ion:168 Resp: 243140
Ion Ratio Lower Upper
168 100
99 60.9 49.3 73.9



#3
Chloromethane
Concen: 0.251 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048963.D
Acq: 08 Jun 2022 15:30

Tgt Ion: 50 Resp: 901
Ion Ratio Lower Upper
50 100
52 20.0 25.7 38.5#





#16

Acetone

Concen: 4.533 ug/l

RT: 2.626 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

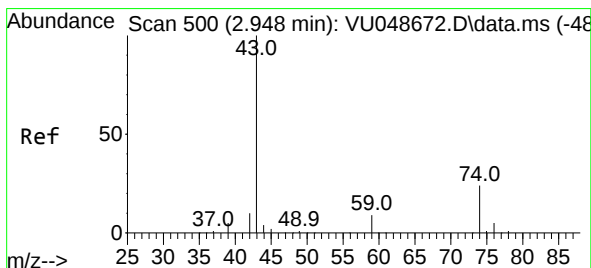
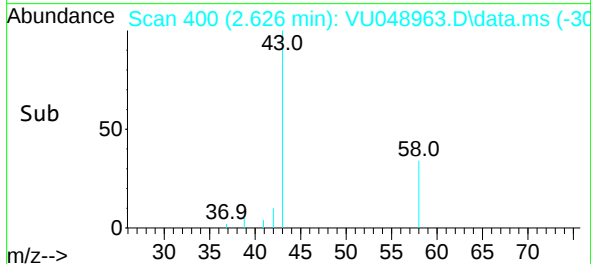
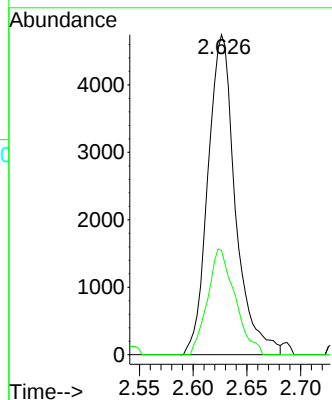
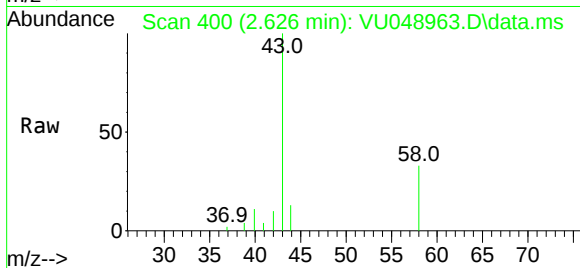
DUP07-20220601

Tgt Ion: 43 Resp: 8435

Ion Ratio Lower Upper

43 100

58 32.6 26.3 39.5



#18

Methyl Acetate

Concen: 0.548 ug/l

RT: 2.951 min Scan# 501

Delta R.T. 0.003 min

Lab File: VU048963.D

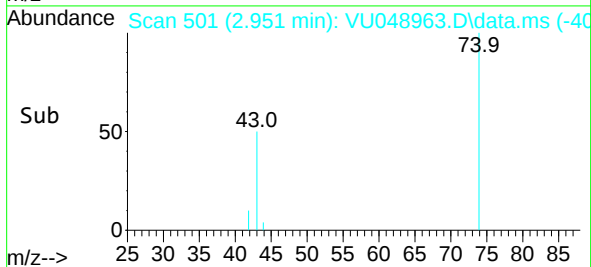
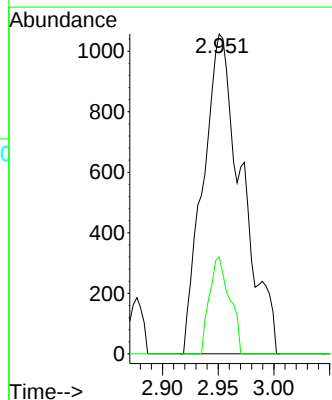
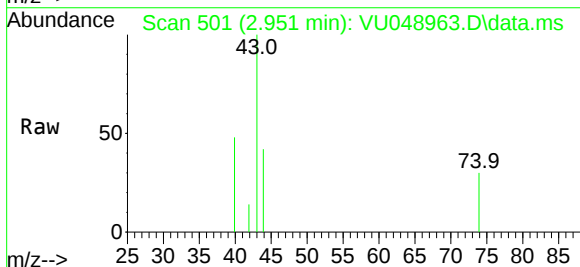
Acq: 08 Jun 2022 15:30

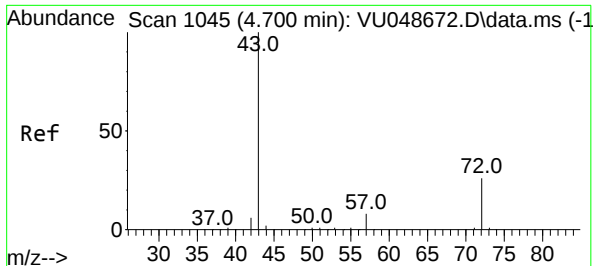
Tgt Ion: 43 Resp: 2562

Ion Ratio Lower Upper

43 100

74 15.8 19.2 28.8#





#25

2-Butanone

Concen: 1.648 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

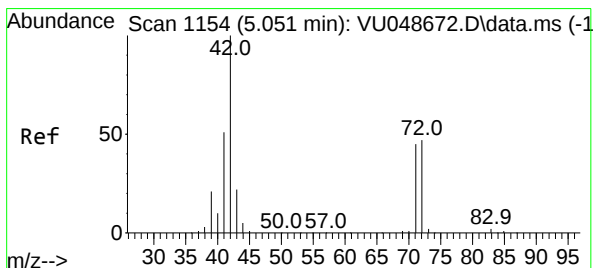
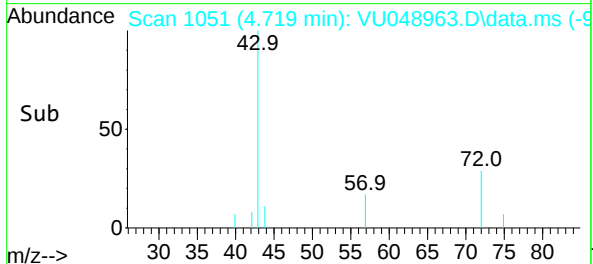
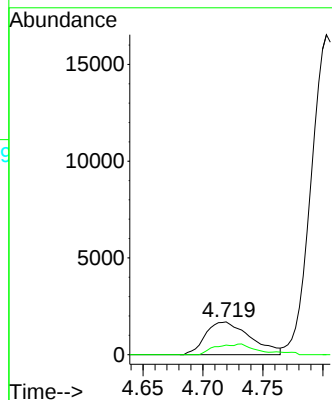
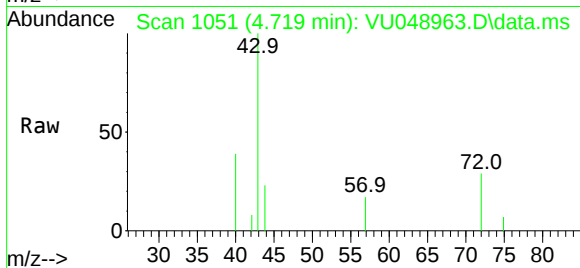
DUP07-20220601

Tgt Ion: 43 Resp: 4406

Ion Ratio Lower Upper

43 100

72 29.2 21.1 31.7



#29

Tetrahydrofuran

Concen: 1.210 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

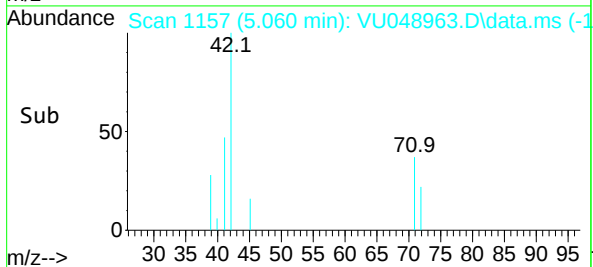
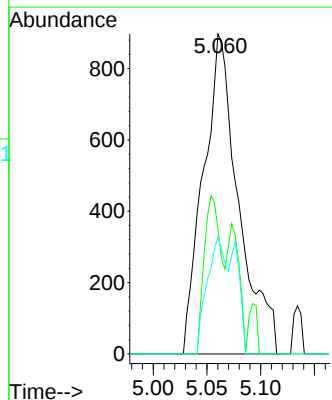
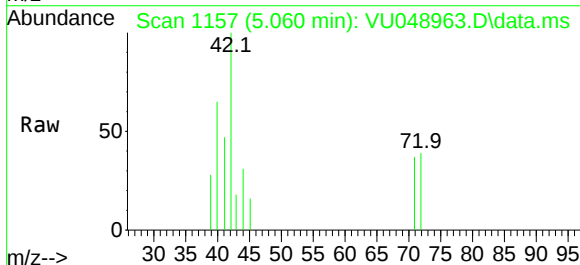
Tgt Ion: 42 Resp: 2038

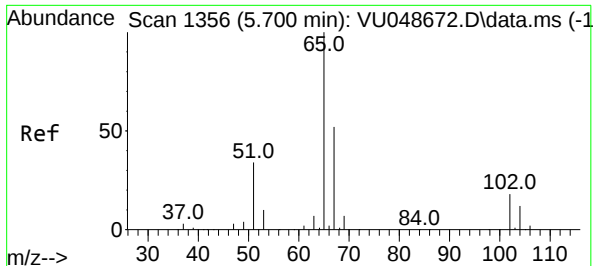
Ion Ratio Lower Upper

42 100

72 24.0 37.6 56.4#

71 20.2 35.0 52.4#





#33

1,2-Dichloroethane-d4

Concen: 51.169 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

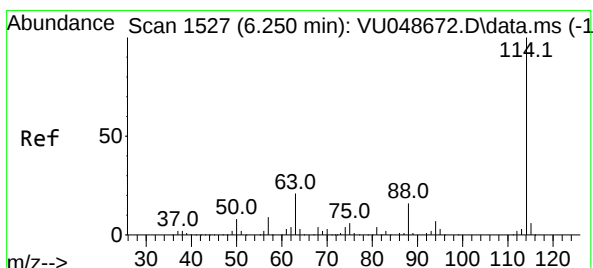
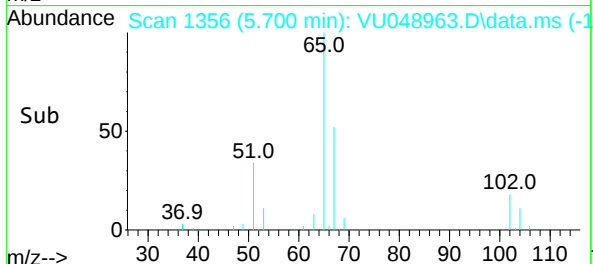
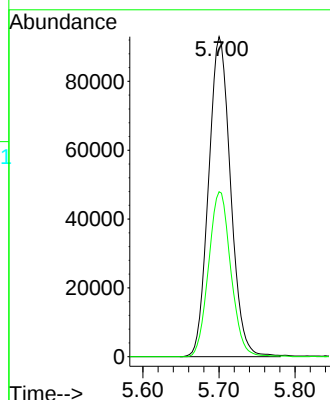
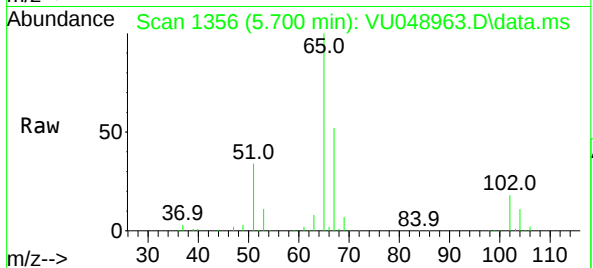
DUP07-20220601

Tgt Ion: 65 Resp: 186844

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

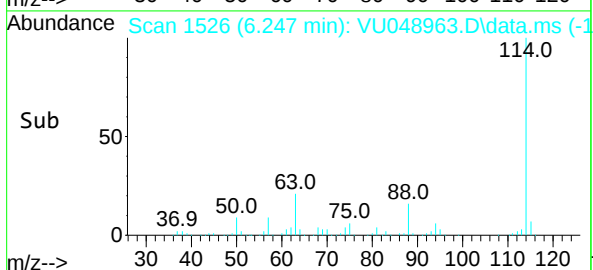
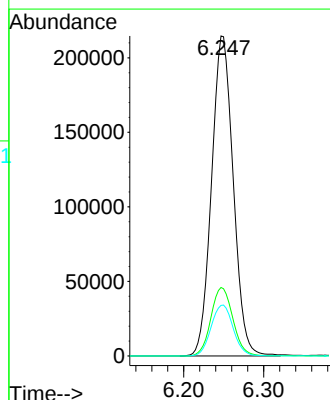
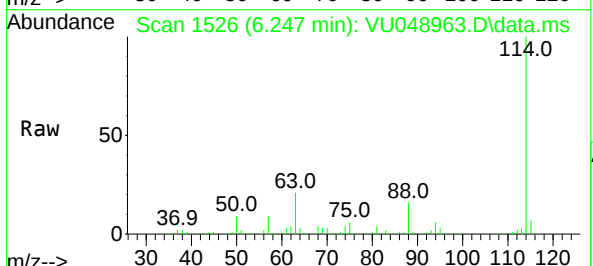
Tgt Ion: 114 Resp: 403957

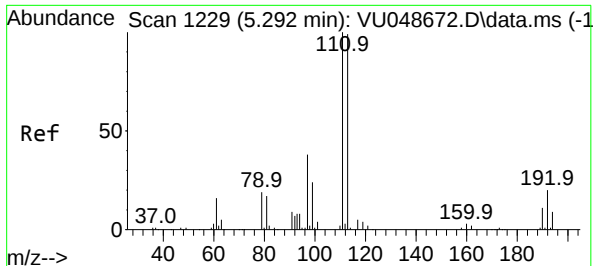
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.783 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

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ClientSampleId :

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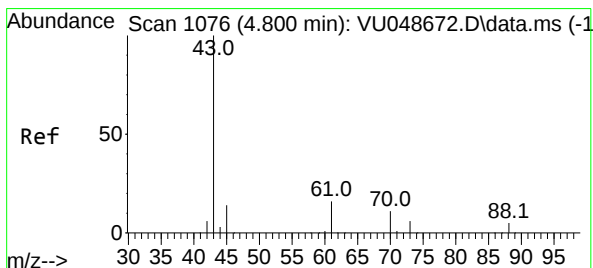
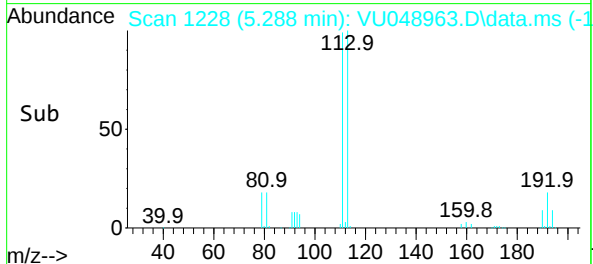
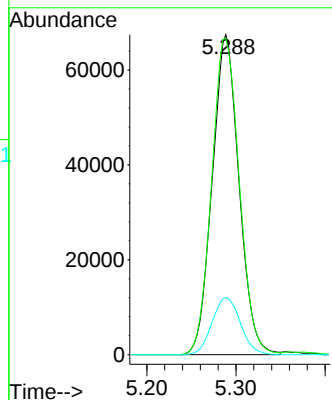
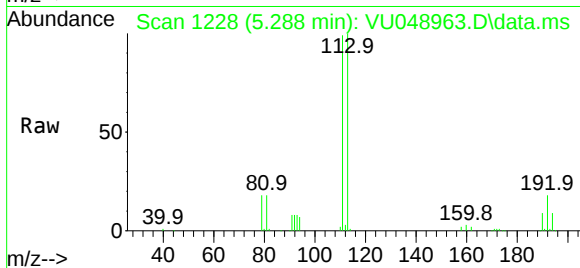
Tgt Ion:113 Resp: 140589

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

192 18.9 15.9 23.9



#37

Ethyl Acetate

Concen: 7.027 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048963.D

Acq: 08 Jun 2022 15:30

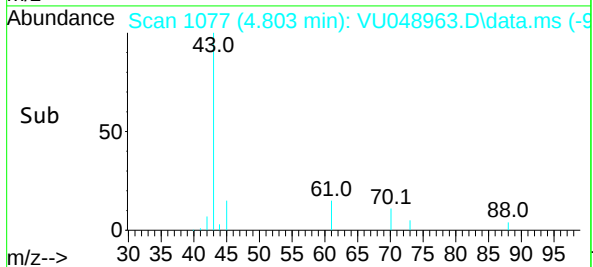
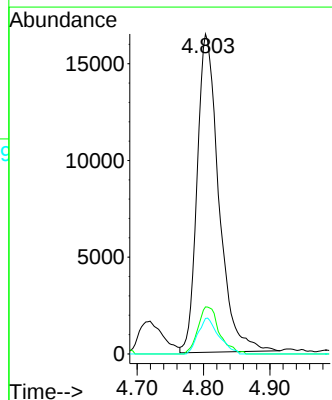
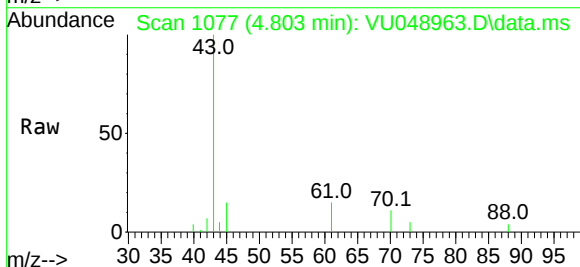
Tgt Ion: 43 Resp: 37365

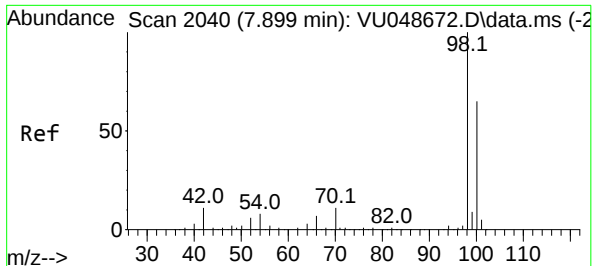
Ion Ratio Lower Upper

43 100

61 14.5 11.7 17.5

70 10.7 8.4 12.6

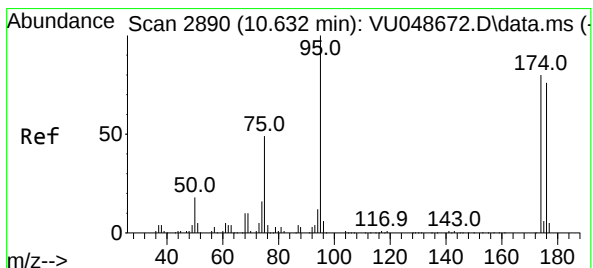
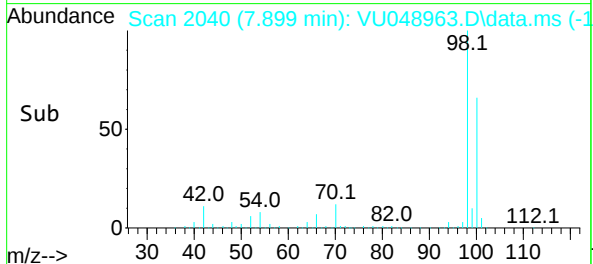
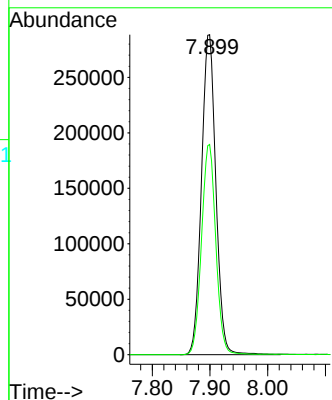
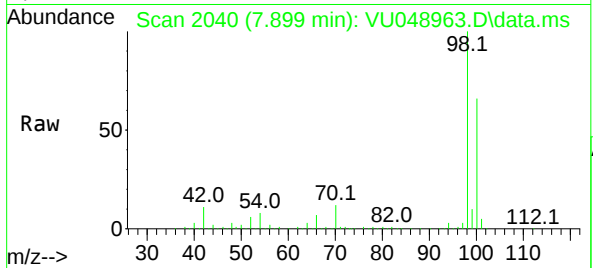




#50
Toluene-d8
Concen: 48.190 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048963.D
Acq: 08 Jun 2022 15:30

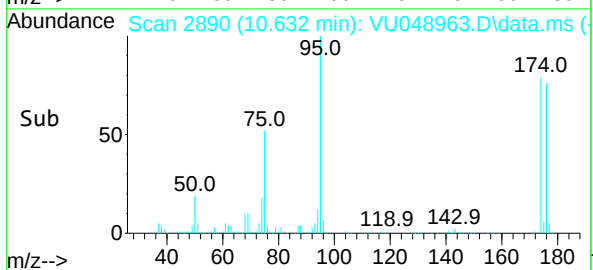
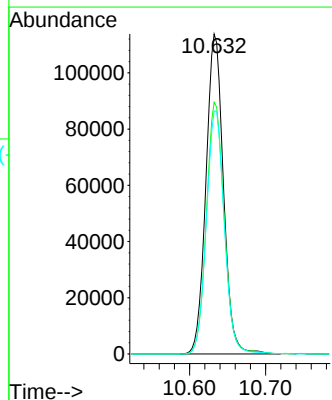
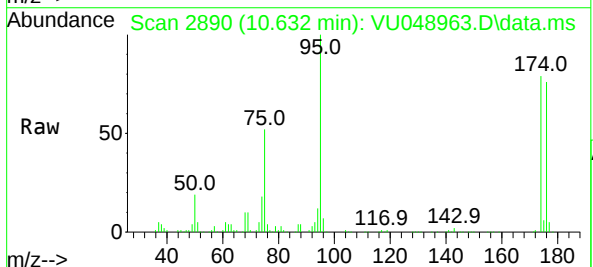
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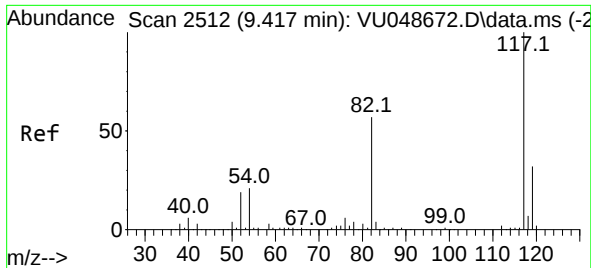
Tgt Ion: 98 Resp: 497833
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.424 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048963.D
Acq: 08 Jun 2022 15:30

Tgt Ion: 95 Resp: 181375
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.4
176 78.2 0.0 152.4

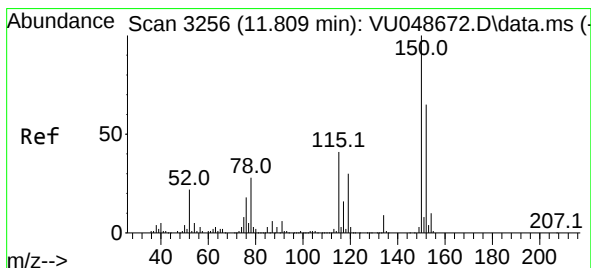
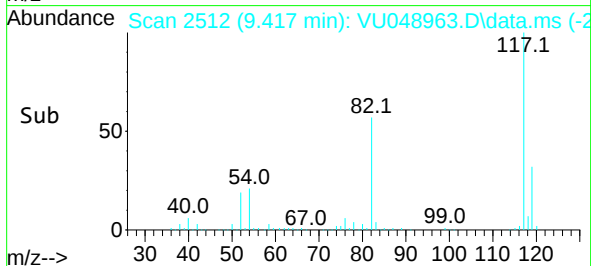
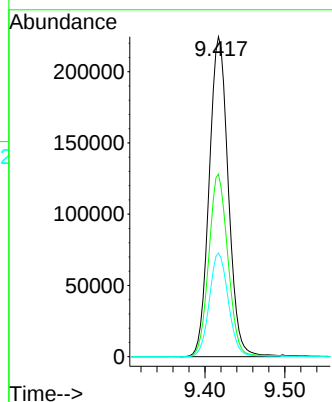
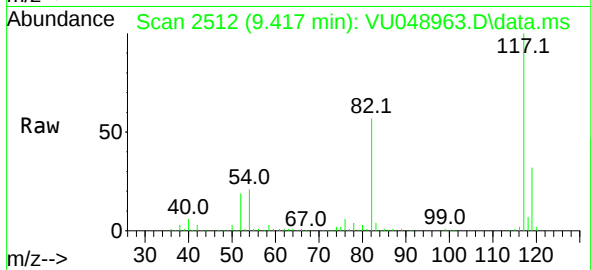




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU048963.D
Acq: 08 Jun 2022 15:30

Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

Tgt Ion:117 Resp: 373548
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048963.D
Acq: 08 Jun 2022 15:30

Tgt Ion:152 Resp: 167673
Ion Ratio Lower Upper
152 100
115 59.9 41.8 125.4
150 158.0 0.0 341.0

