

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054367.D
 Acq On : 01 Jun 2023 03:16
 Operator : JC/MD
 Sample : 02979-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR044-VNJ224

Quant Time: Jun 01 06:42:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

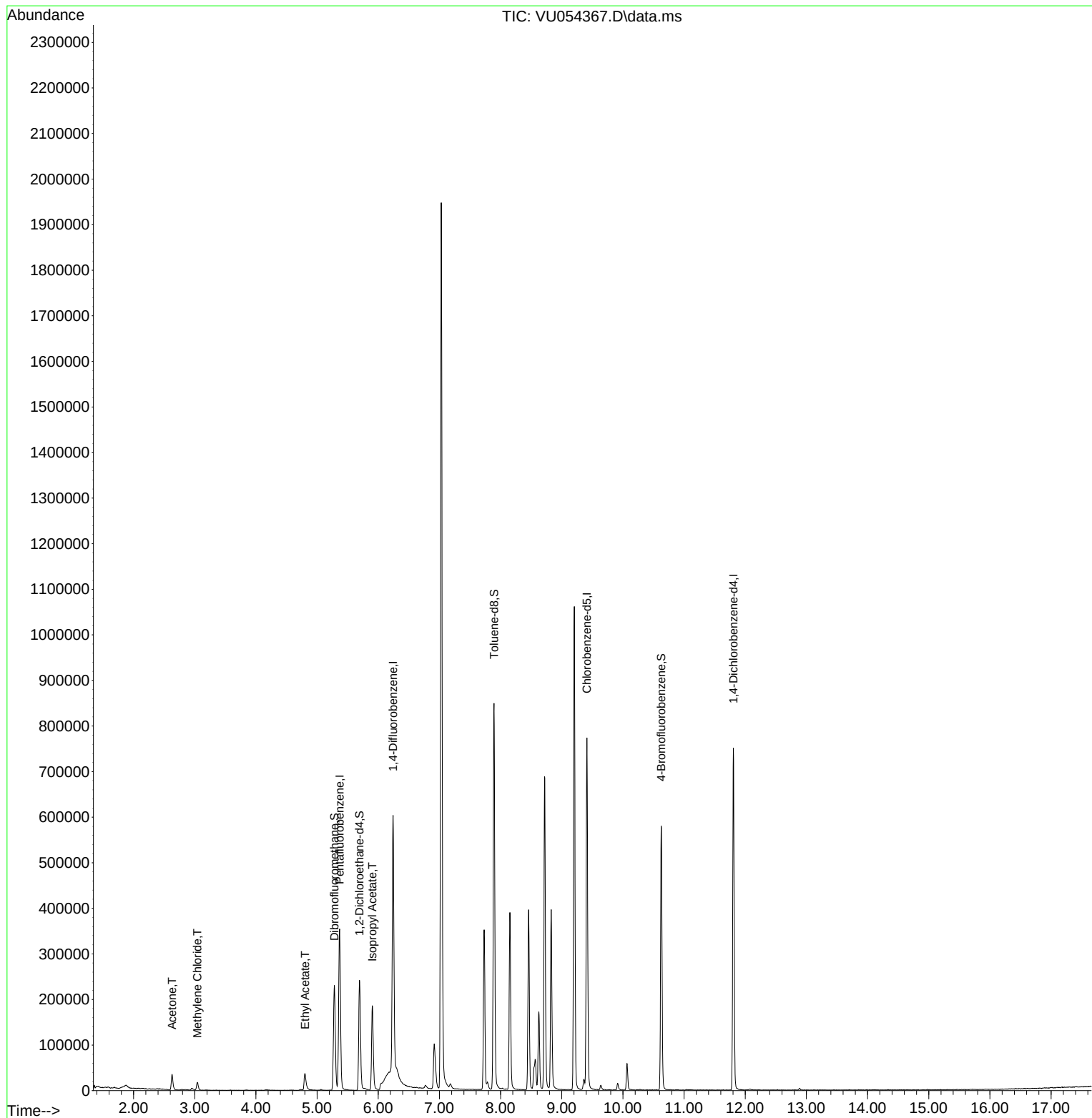
Internal Standards						
1) Pentafluorobenzene	5.369	168	260830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	461067	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	436819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	206351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	179672	52.548	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	105.100%	
35) Dibromofluoromethane	5.282	113	148439	49.993	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.980%	
50) Toluene-d8	7.893	98	570478	50.513	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.020%	
62) 4-Bromofluorobenzene	10.626	95	197258	45.045	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.100%	
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	42605	21.738	ug/l	97
20) Methylene Chloride	3.041	84	8963	2.535	ug/l	89
37) Ethyl Acetate	4.803	43	51107	8.992	ug/l #	92
43) Isopropyl Acetate	5.903	43	197416	25.182	ug/l	98

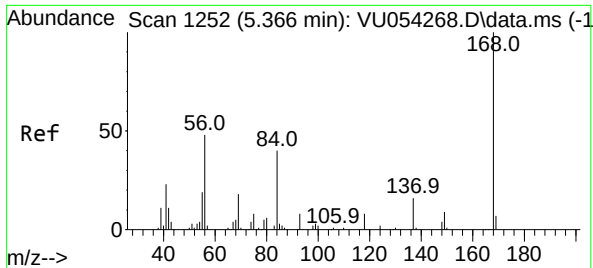
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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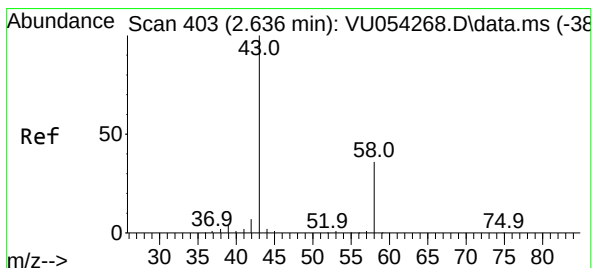
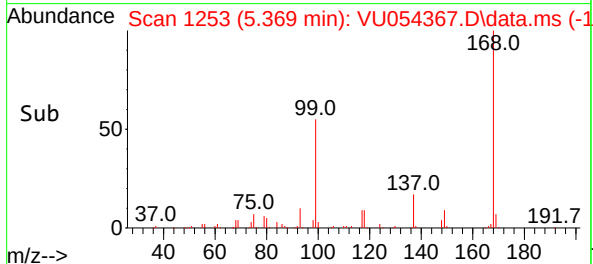
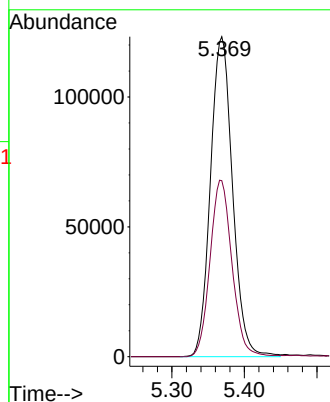
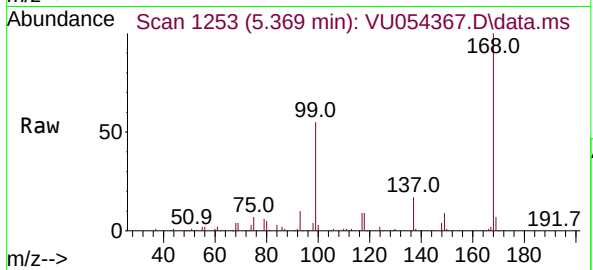




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

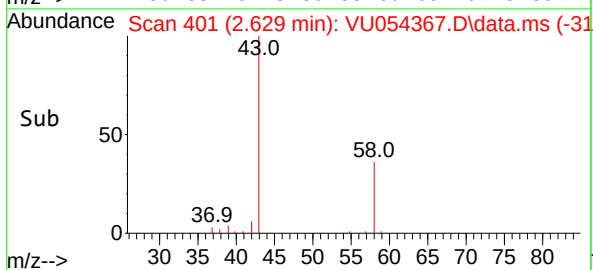
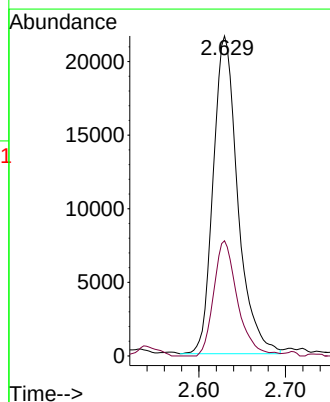
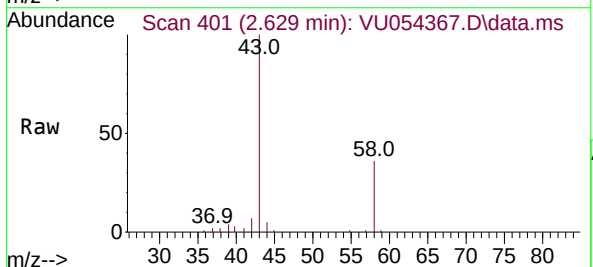
Instrument :
MSVOA_U
ClientSampleId :
RBR044-VNJ224

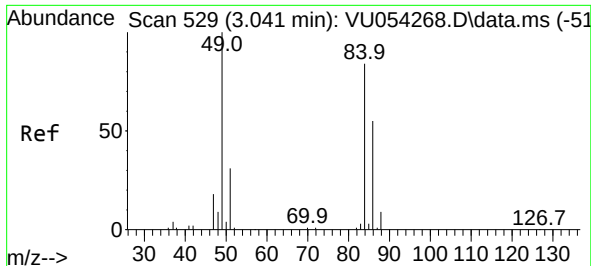
Tgt Ion:168 Resp: 260830
Ion Ratio Lower Upper
168 100
99 55.0 39.3 58.9



#16
Acetone
Concen: 21.738 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

Tgt Ion: 43 Resp: 42605
Ion Ratio Lower Upper
43 100
58 36.3 27.5 41.3

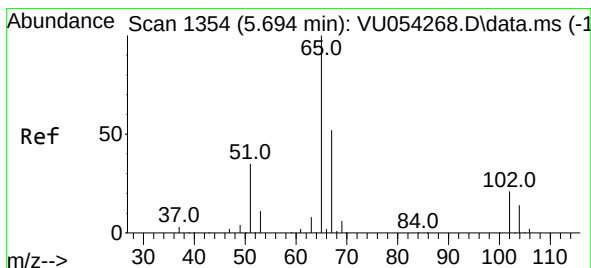
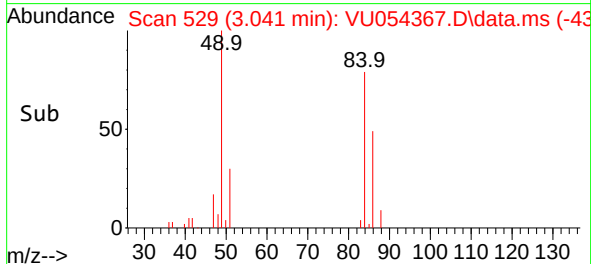
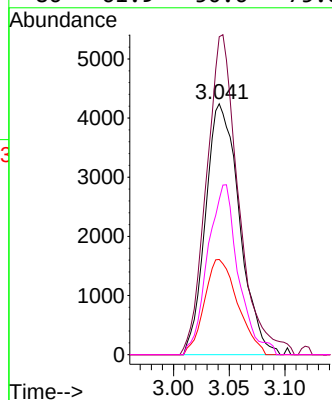
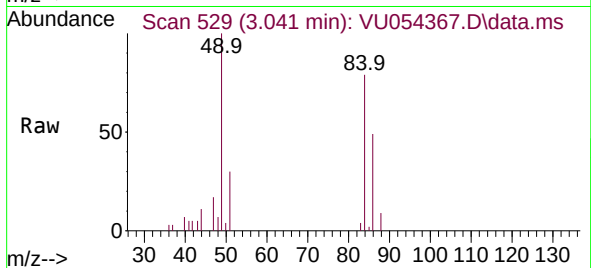




#20
Methylene Chloride
Concen: 2.535 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

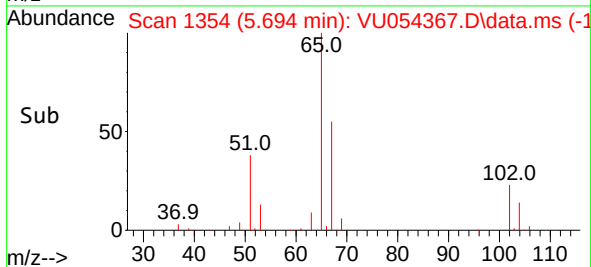
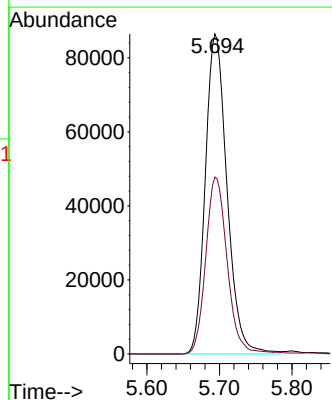
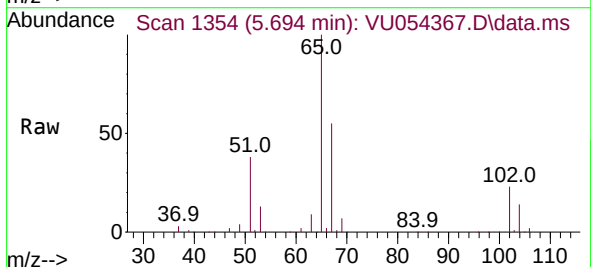
Instrument :
MSVOA_U
ClientSampleId :
RBR044-VNJ224

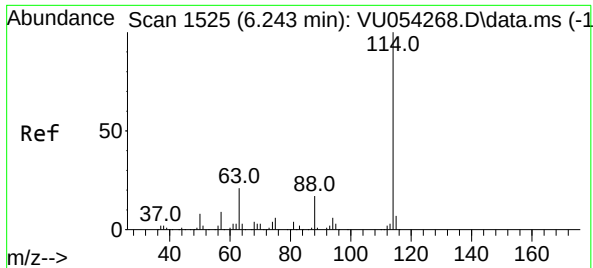
Tgt Ion:	84	Resp:	8963
Ion	Ratio	Lower	Upper
84	100		
49	126.8	86.6	129.8
51	37.9	26.6	40.0
86	61.9	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 52.548 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

Tgt Ion:	65	Resp:	179672
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054367.D

Acq: 01 Jun 2023 03:16

Instrument :

MSVOA_U

ClientSampleId :

RBR044-VNJ224

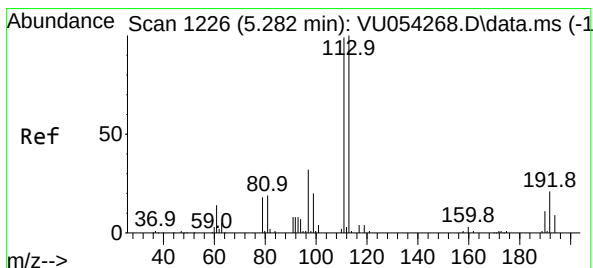
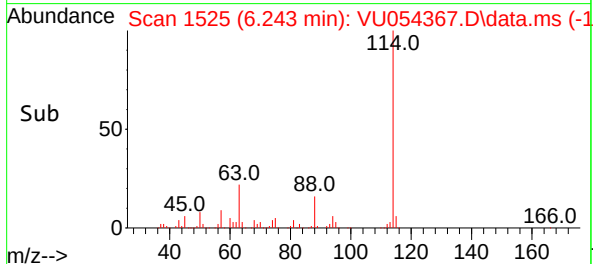
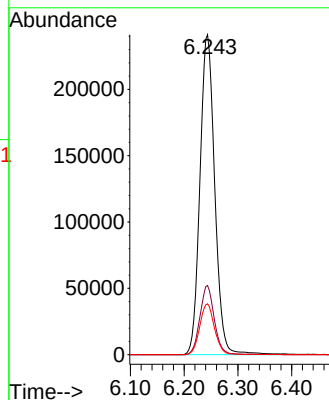
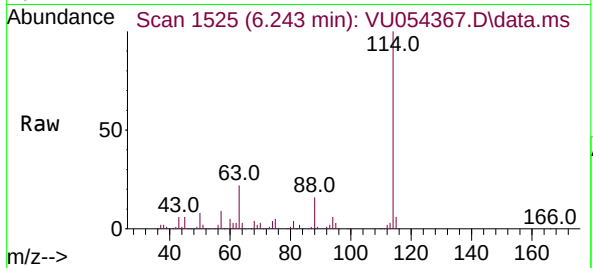
Tgt Ion:114 Resp: 461067

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.993 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054367.D

Acq: 01 Jun 2023 03:16

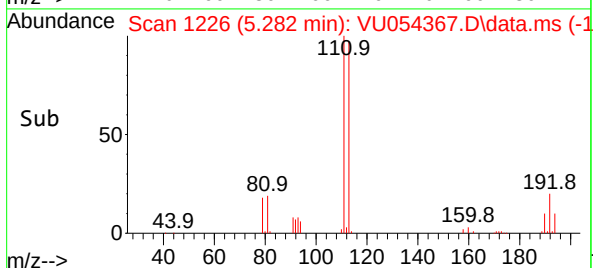
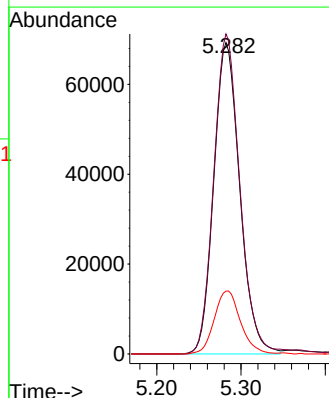
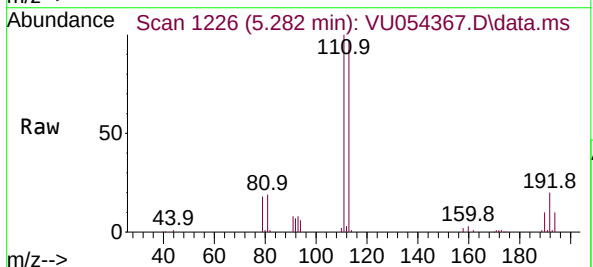
Tgt Ion:113 Resp: 148439

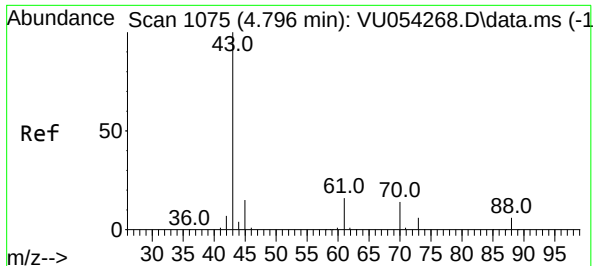
Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 20.4 18.0 27.0





#37

Ethyl Acetate

Concen: 8.992 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054367.D

Acq: 01 Jun 2023 03:16

Instrument :

MSVOA_U

ClientSampleId :

RBR044-VNJ224

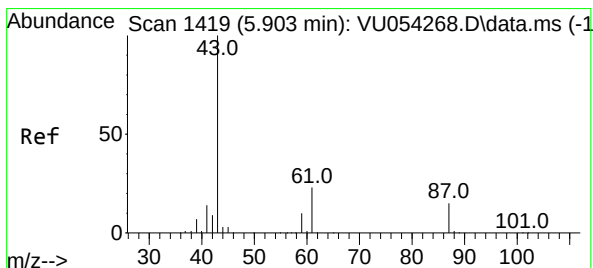
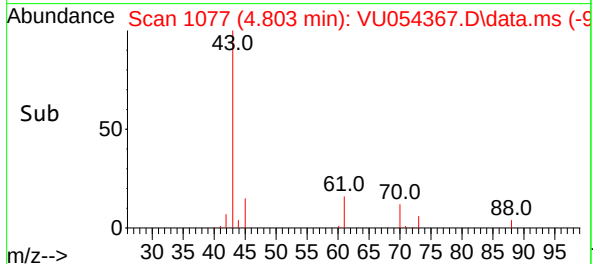
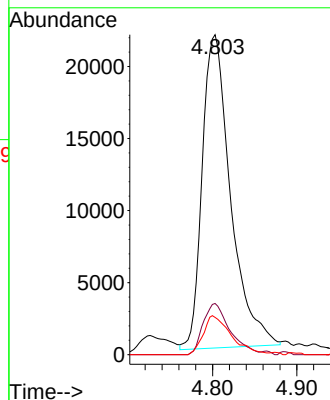
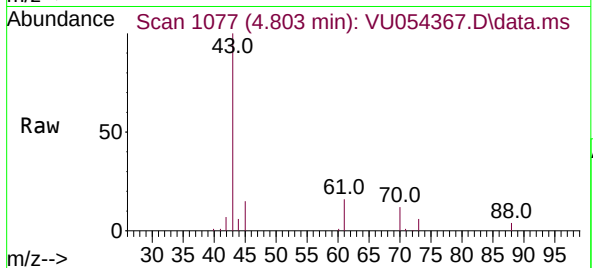
Tgt Ion: 43 Resp: 51107

Ion Ratio Lower Upper

43 100

61 15.3 9.5 14.3#

70 12.3 7.5 11.3#



#43

Isopropyl Acetate

Concen: 25.182 ug/l

RT: 5.903 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VU054367.D

Acq: 01 Jun 2023 03:16

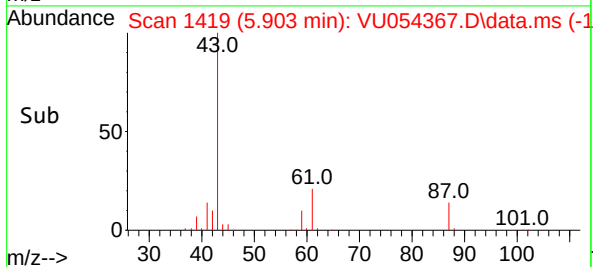
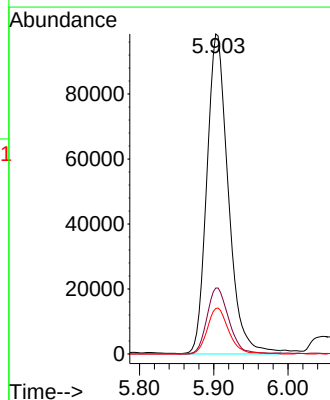
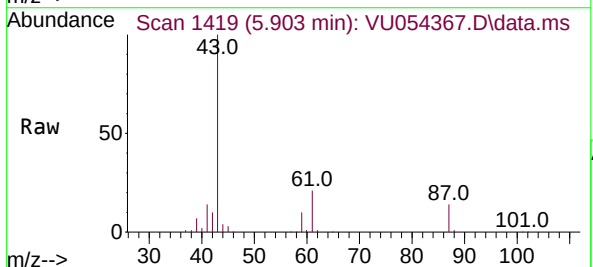
Tgt Ion: 43 Resp: 197416

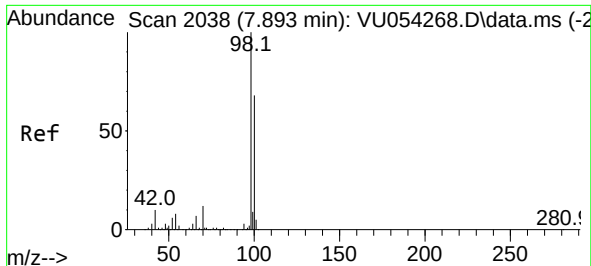
Ion Ratio Lower Upper

43 100

61 21.0 17.4 26.0

87 14.3 12.6 18.8

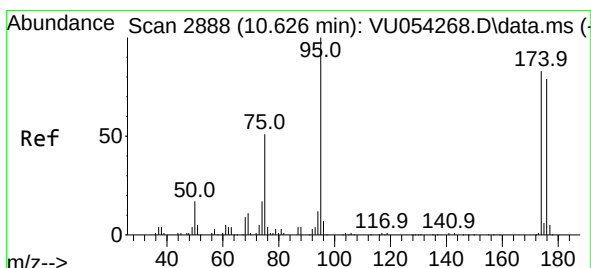
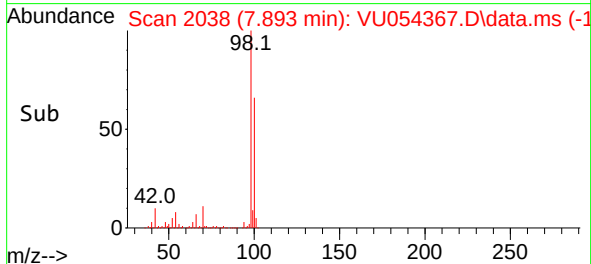
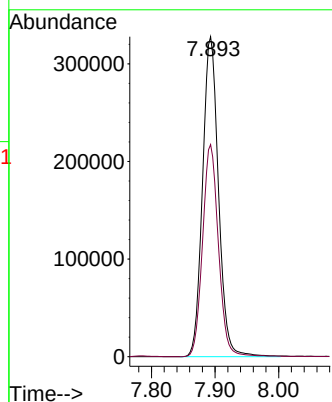
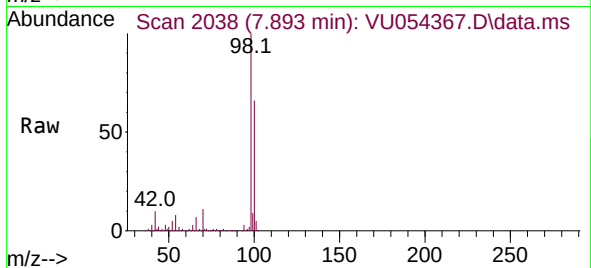




#50
Toluene-d8
Concen: 50.513 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

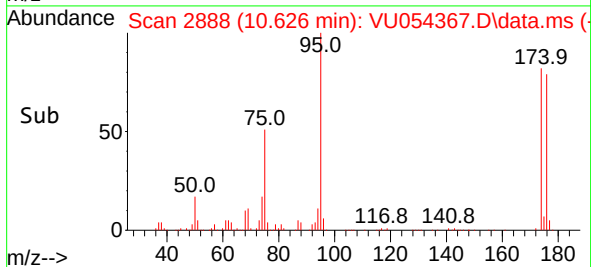
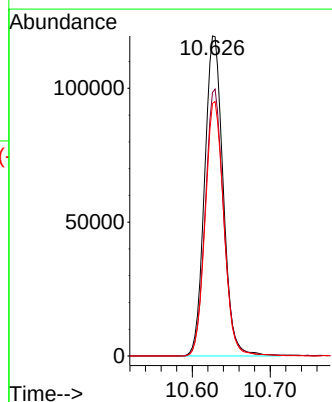
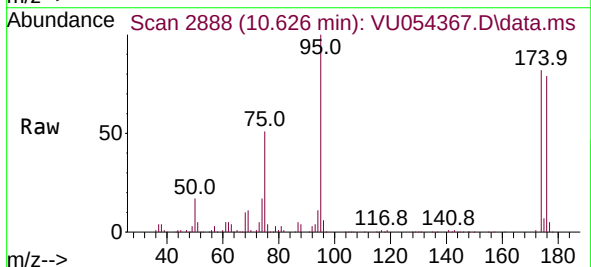
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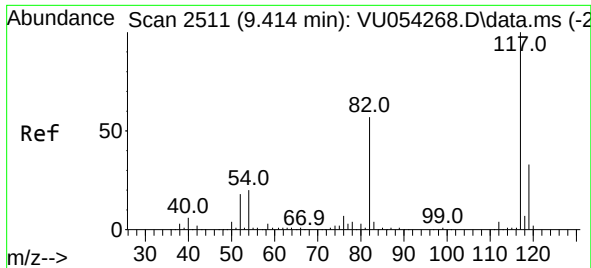
Tgt Ion: 98 Resp: 570478
Ion Ratio Lower Upper
98 100
100 66.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.045 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

Tgt Ion: 95 Resp: 197258
Ion Ratio Lower Upper
95 100
174 83.0 0.0 182.0
176 79.9 0.0 177.8

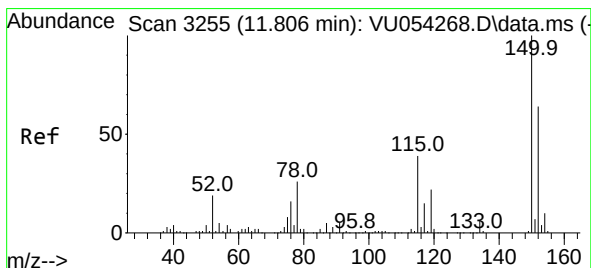
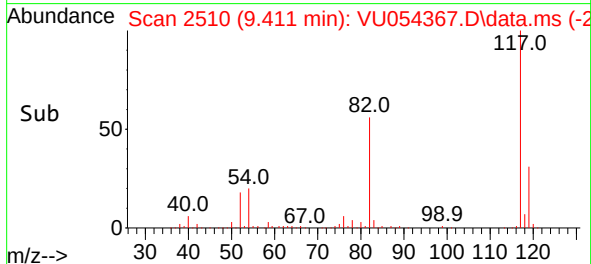
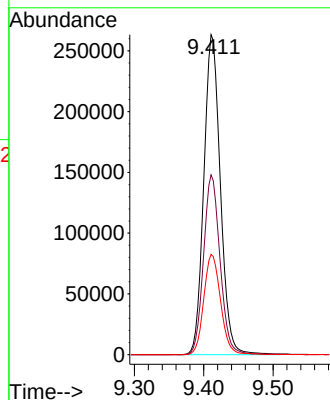
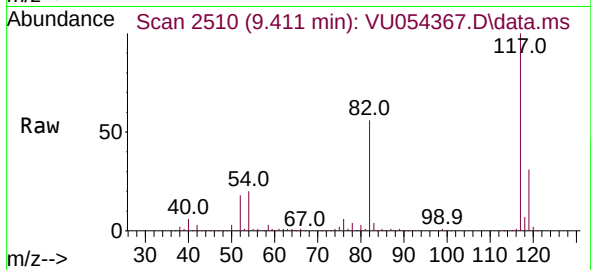




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

Instrument :
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Tgt Ion:117 Resp: 436819
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054367.D
Acq: 01 Jun 2023 03:16

Tgt Ion:152 Resp: 206351
Ion Ratio Lower Upper
152 100
115 57.9 37.0 110.9
150 157.2 0.0 342.2

