

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054370.D
 Acq On : 01 Jun 2023 04:27
 Operator : JC/MD
 Sample : 02981-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-5

Quant Time: Jun 01 06:44:01 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)

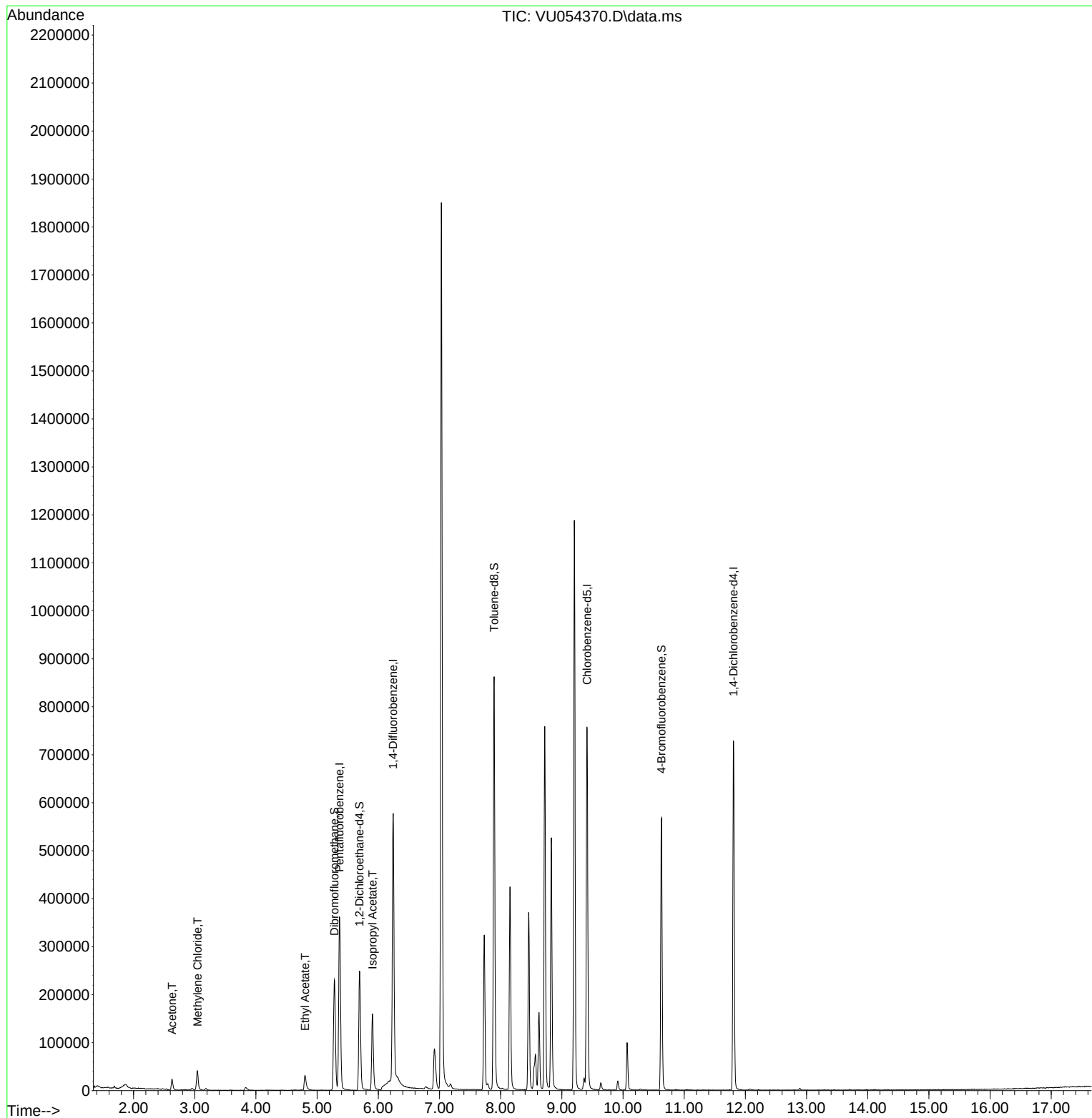
Internal Standards						
1) Pentafluorobenzene	5.366	168	264857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	457369	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	437089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	197445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	183213	52.769	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.540%		
35) Dibromofluoromethane	5.282	113	153054	51.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.920%		
50) Toluene-d8	7.893	98	571837	51.042	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.080%		
62) 4-Bromofluorobenzene	10.629	95	191745	44.141	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.280%		
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	28372	14.256	ug/l	100
20) Methylene Chloride	3.044	84	20989	5.846	ug/l	94
37) Ethyl Acetate	4.803	43	43083	7.642	ug/l #	91
43) Isopropyl Acetate	5.906	43	166141	21.364	ug/l	98

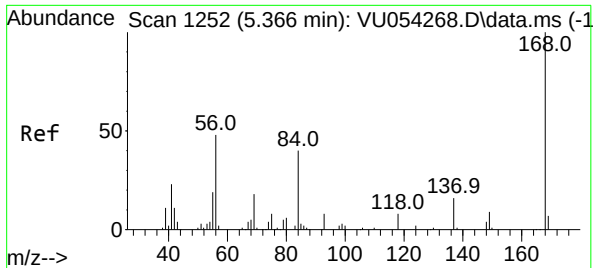
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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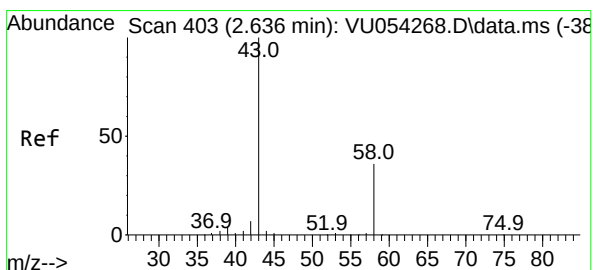
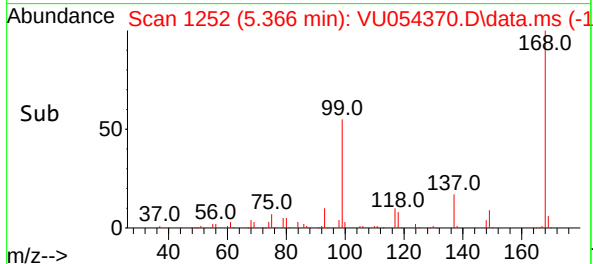
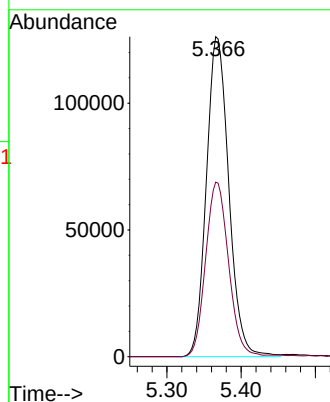
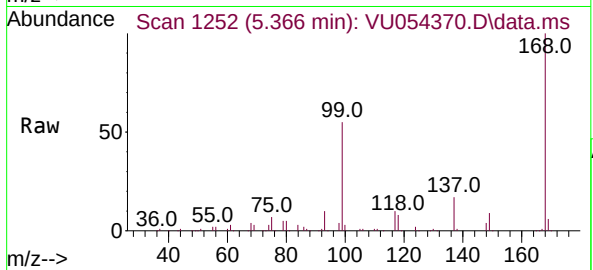




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

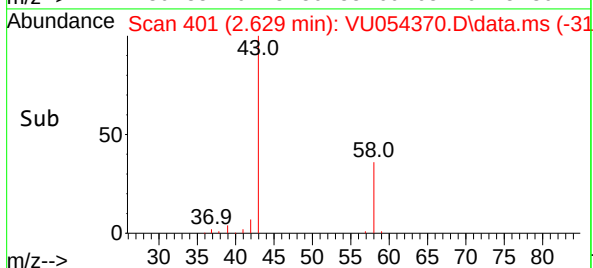
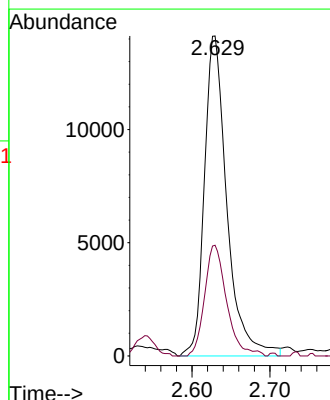
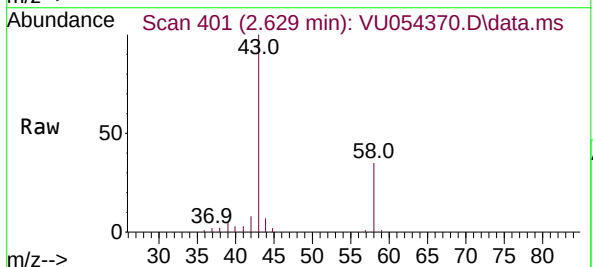
Instrument :
MSVOA_U
ClientSampleId :
TP-5

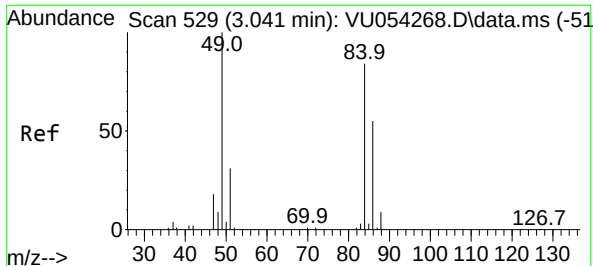
Tgt Ion:168 Resp: 264857
Ion Ratio Lower Upper
168 100
99 54.5 39.3 58.9



#16
Acetone
Concen: 14.256 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

Tgt Ion: 43 Resp: 28372
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3

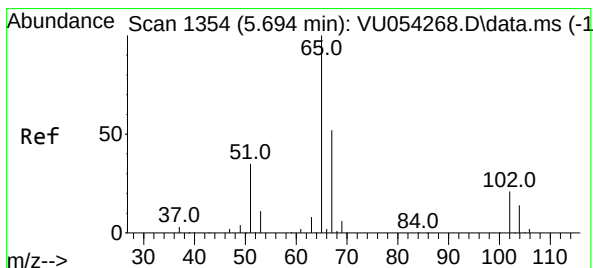
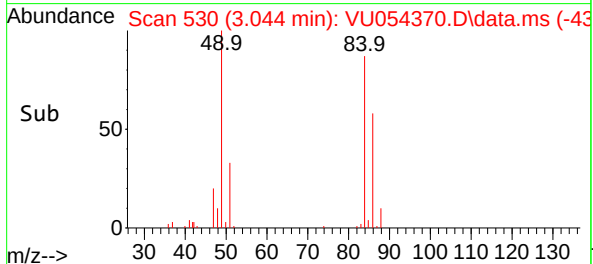
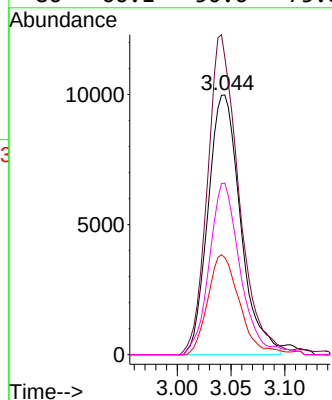
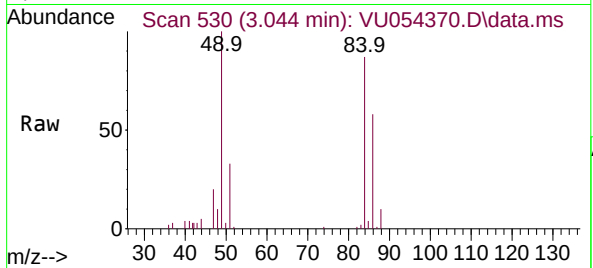




#20
Methylene Chloride
Concen: 5.846 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

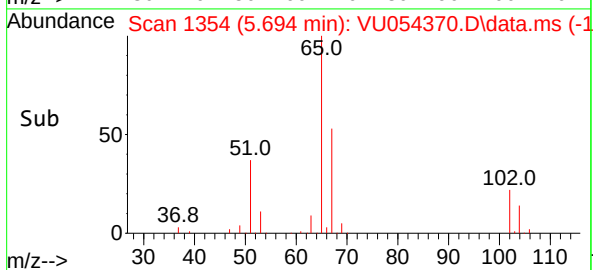
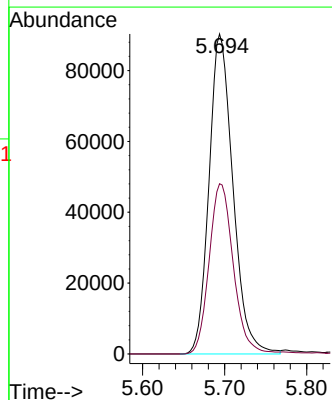
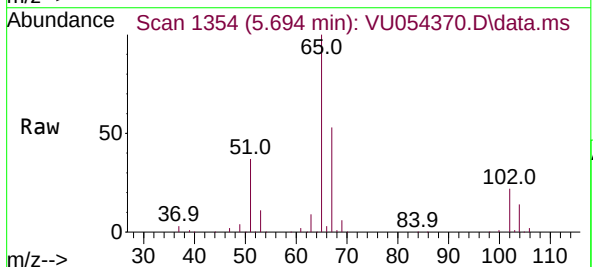
Instrument :
MSVOA_U
ClientSampleId :
TP-5

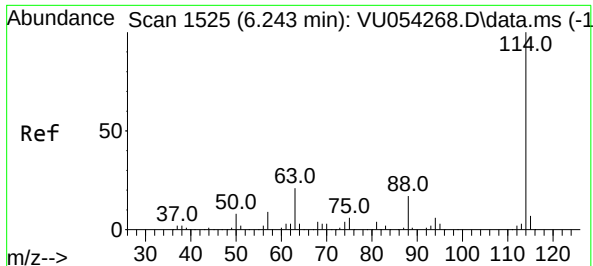
Tgt Ion:	84	Resp:	20989
Ion	Ratio	Lower	Upper
84	100		
49	114.5	86.6	129.8
51	37.4	26.6	40.0
86	66.1	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 52.769 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

Tgt Ion:	65	Resp:	183213
Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VU054370.D

Acq: 01 Jun 2023 04:27

Instrument :

MSVOA_U

ClientSampleId :

TP-5

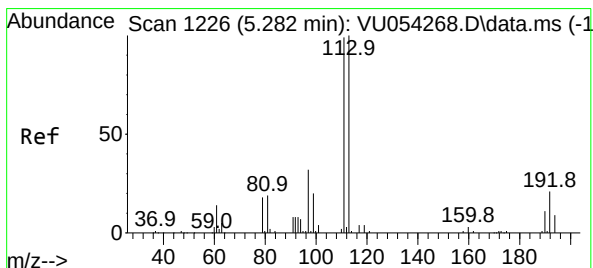
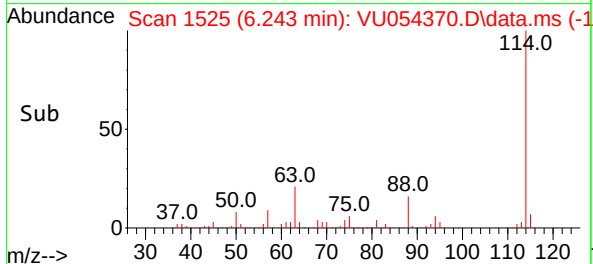
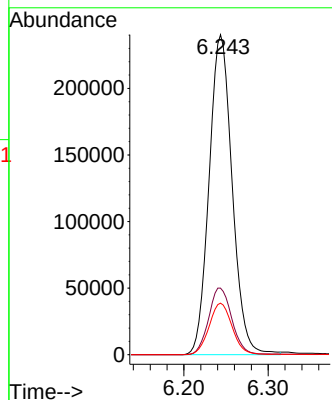
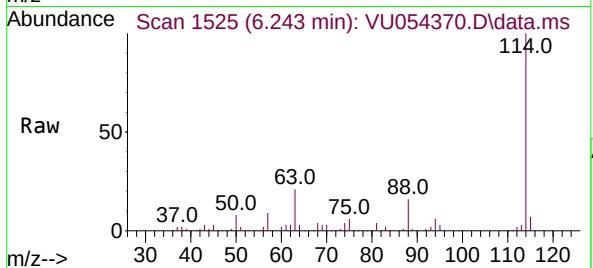
Tgt Ion:114 Resp: 457369

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.8

88 16.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 51.965 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054370.D

Acq: 01 Jun 2023 04:27

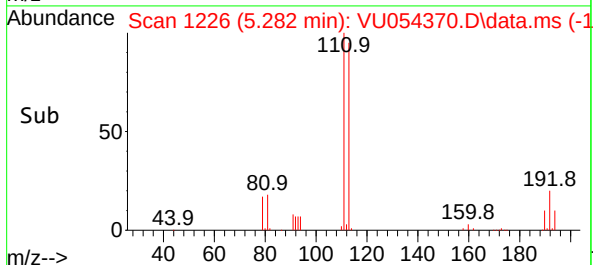
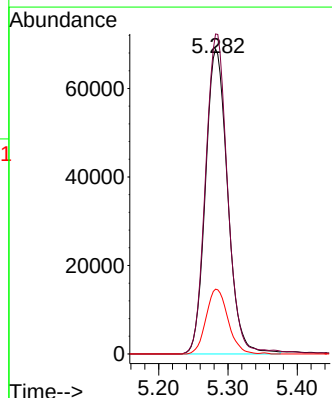
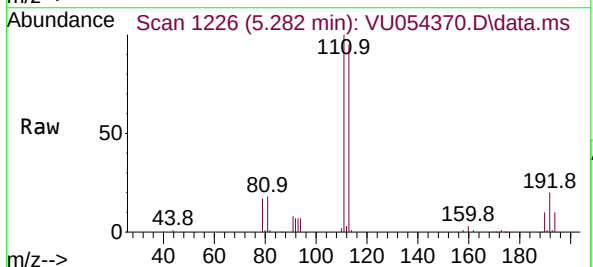
Tgt Ion:113 Resp: 153054

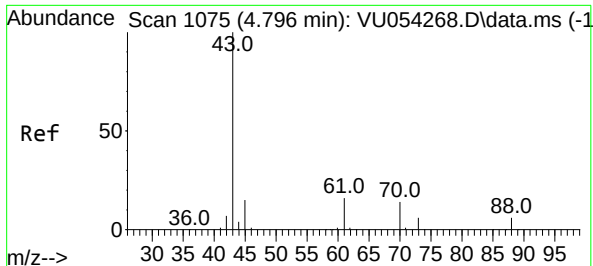
Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 21.0 18.0 27.0





#37

Ethyl Acetate

Concen: 7.642 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054370.D

Acq: 01 Jun 2023 04:27

Instrument :

MSVOA_U

ClientSampleId :

TP-5

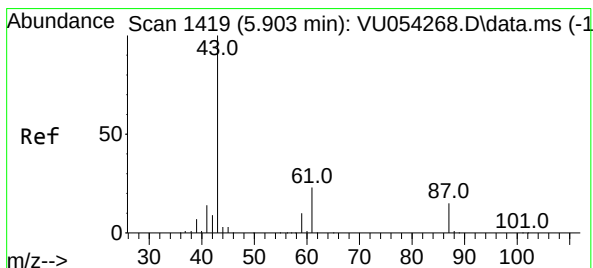
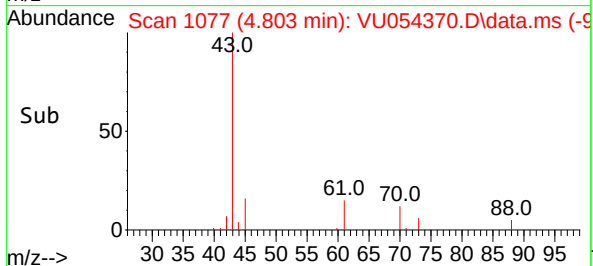
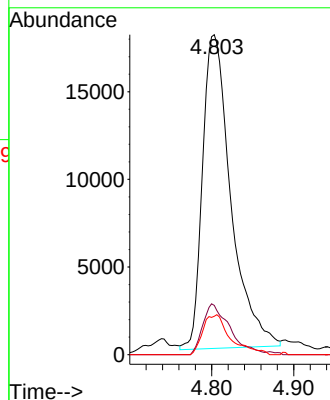
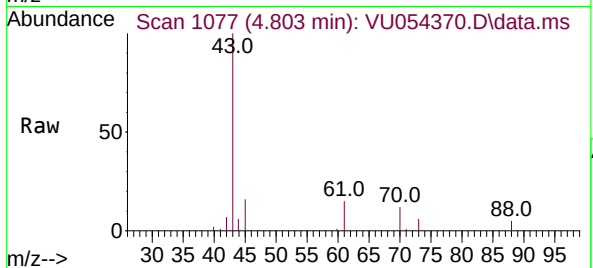
Tgt Ion: 43 Resp: 43083

Ion Ratio Lower Upper

43 100

61 15.4 9.5 14.3#

70 12.4 7.5 11.3#



#43

Isopropyl Acetate

Concen: 21.364 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054370.D

Acq: 01 Jun 2023 04:27

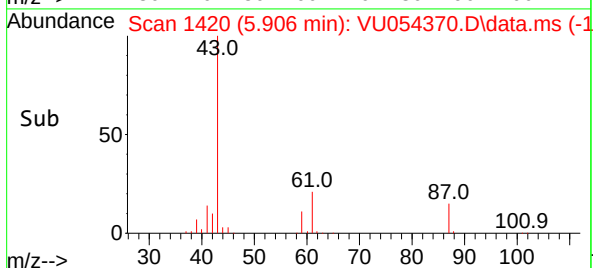
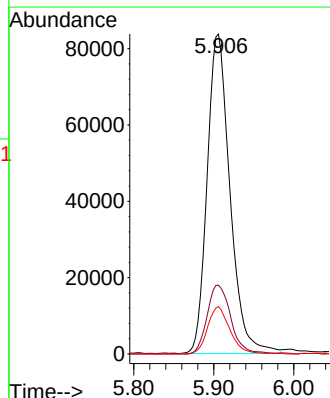
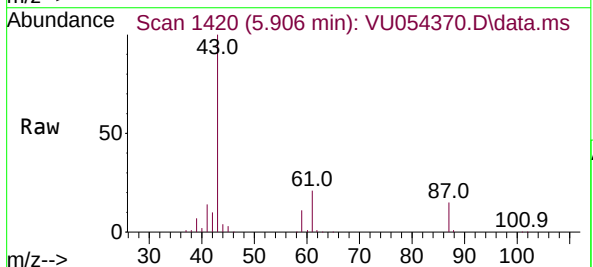
Tgt Ion: 43 Resp: 166141

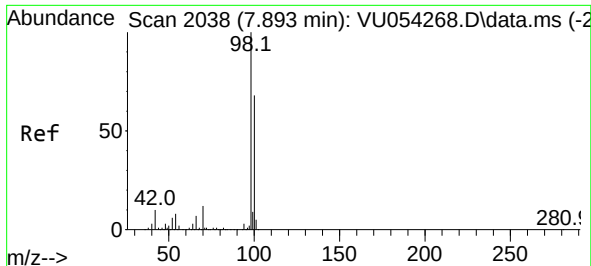
Ion Ratio Lower Upper

43 100

61 22.3 17.4 26.0

87 14.4 12.6 18.8

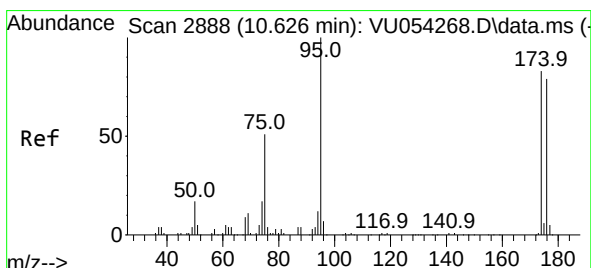
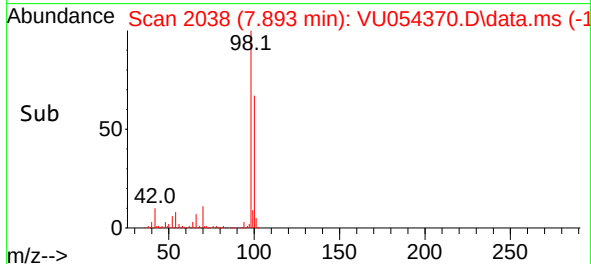
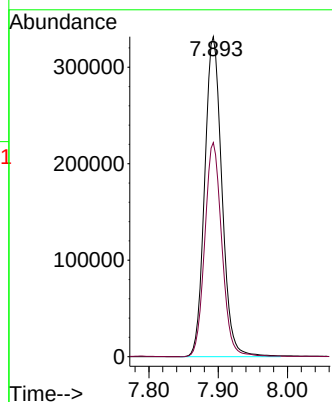
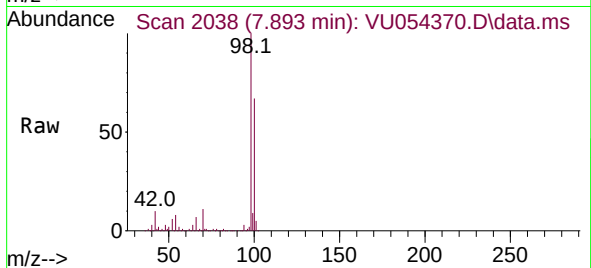




#50
Toluene-d8
Concen: 51.042 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

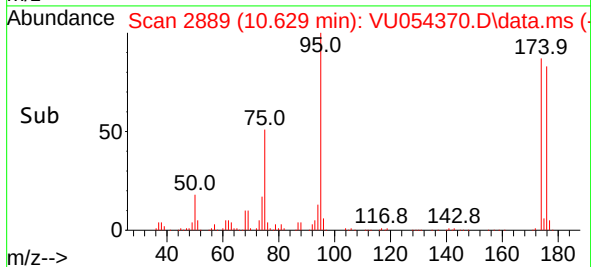
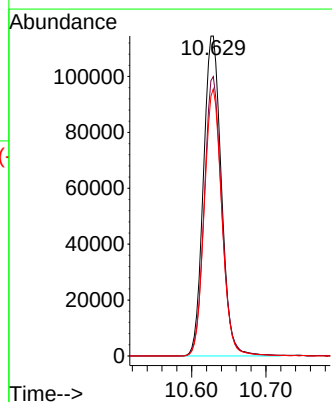
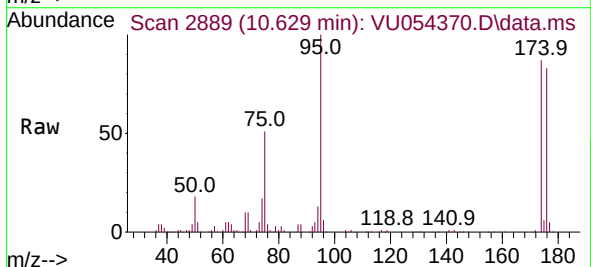
Instrument :
MSVOA_U
ClientSampleId :
TP-5

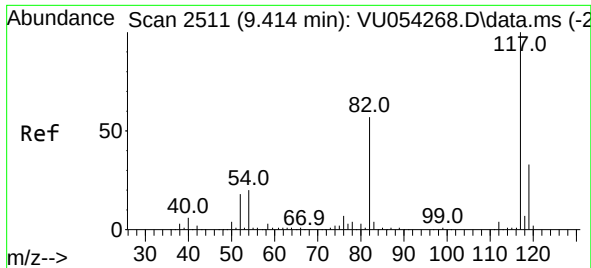
Tgt Ion: 98 Resp: 571837
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.141 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

Tgt Ion: 95 Resp: 191745
Ion Ratio Lower Upper
95 100
174 85.0 0.0 182.0
176 81.8 0.0 177.8

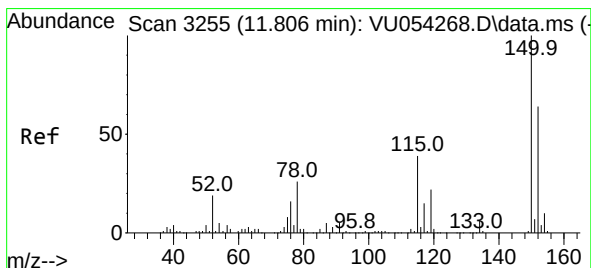
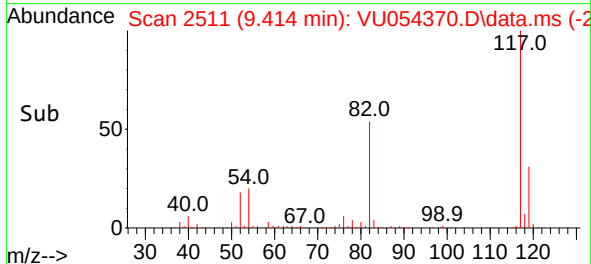
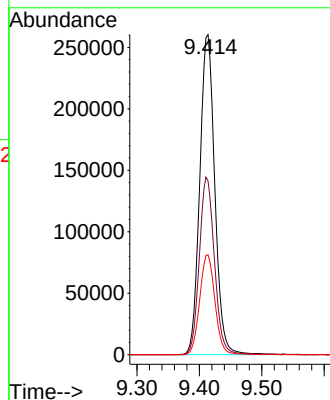
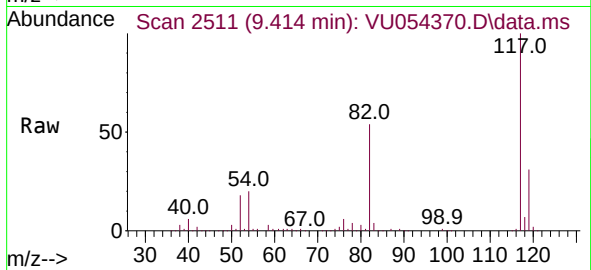




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054370.D
Acq: 01 Jun 2023 04:27

Instrument :
MSVOA_U
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 437089
Ion Ratio Lower Upper
117 100
82 54.3 41.7 62.5
119 31.2 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: VU054370.D
Acq: 01 Jun 2023 04:27

Tgt Ion:152 Resp: 197445
Ion Ratio Lower Upper
152 100
115 59.4 37.0 110.9
150 157.9 0.0 342.2

