

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054366.D
 Acq On : 01 Jun 2023 02:53
 Operator : JC/MD
 Sample : 02977-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FOUNDATION-TEST-PIT

Quant Time: Jun 01 06:42:28 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)

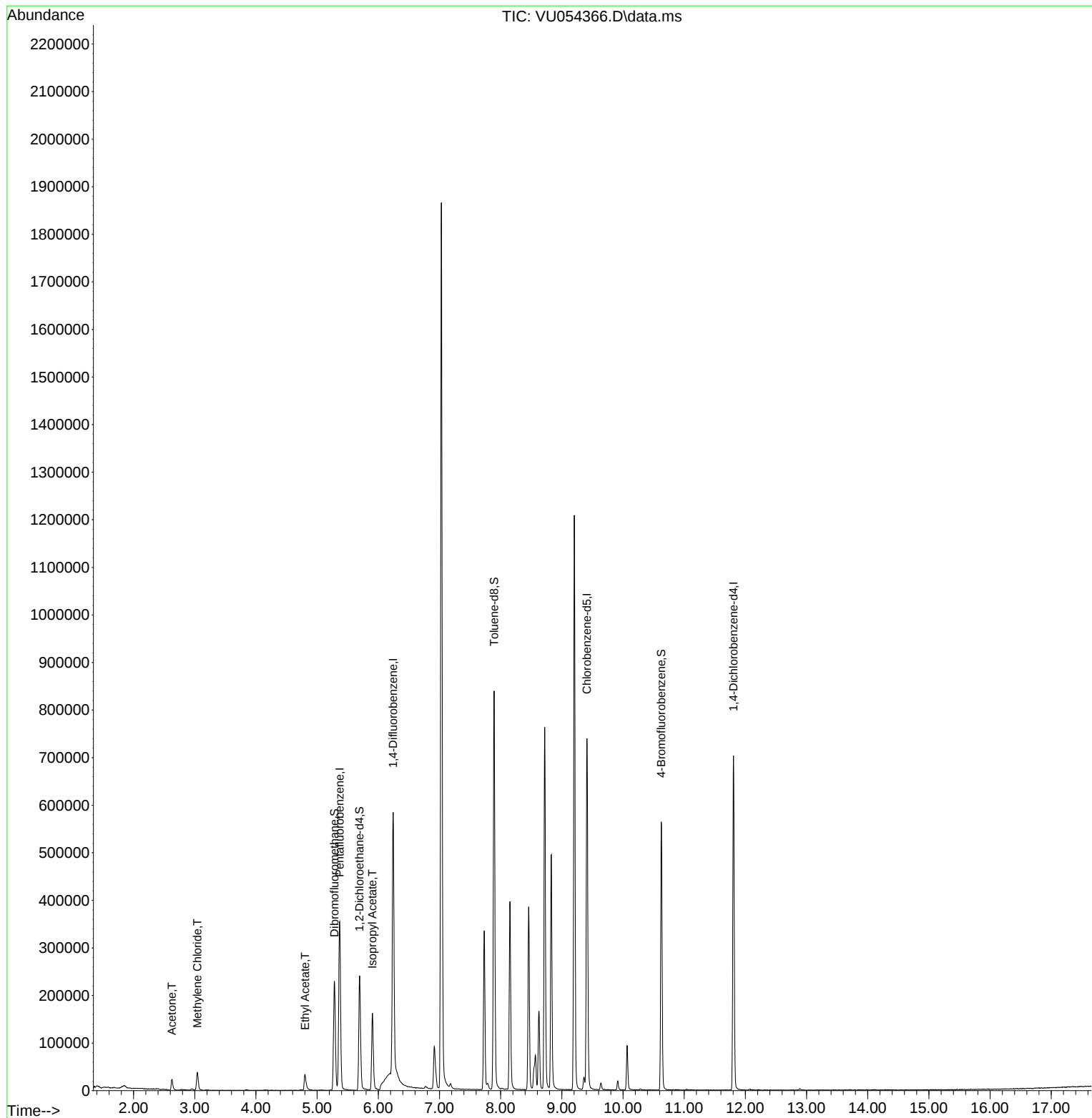
Internal Standards						
1) Pentafluorobenzene	5.369	168	259818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	448300	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	429501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	194785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	179690	52.758	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.520%		
35) Dibromofluoromethane	5.282	113	149327	51.725	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.440%		
50) Toluene-d8	7.893	98	563956	51.357	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.720%		
62) 4-Bromofluorobenzene	10.626	95	191100	44.882	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.760%		
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	27837	14.258	ug/l	100
20) Methylene Chloride	3.041	84	19828	5.630	ug/l	95
37) Ethyl Acetate	4.803	43	45404	8.216	ug/l #	92
43) Isopropyl Acetate	5.903	43	171893	22.551	ug/l	98

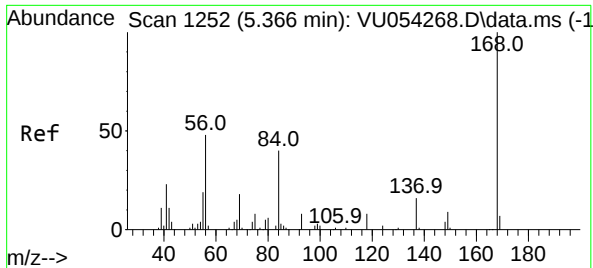
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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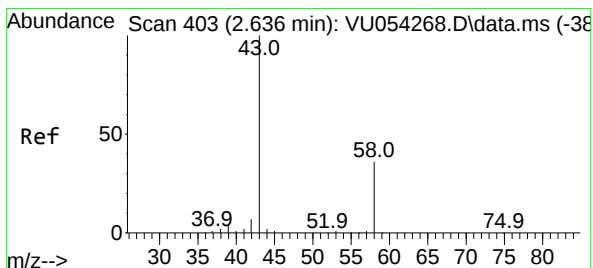
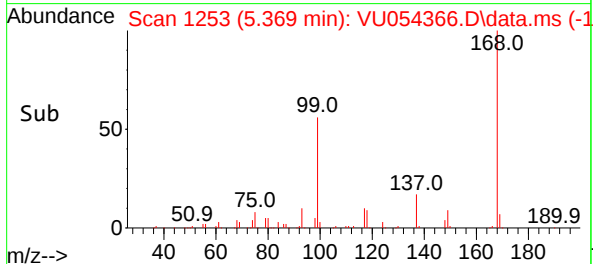
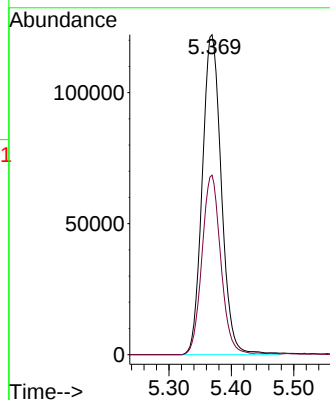
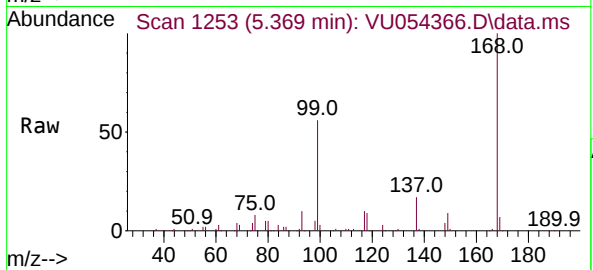




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054366.D
Acq: 01 Jun 2023 02:53

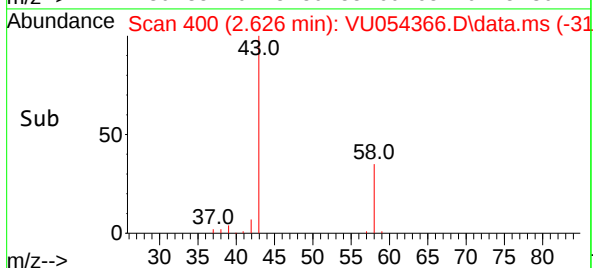
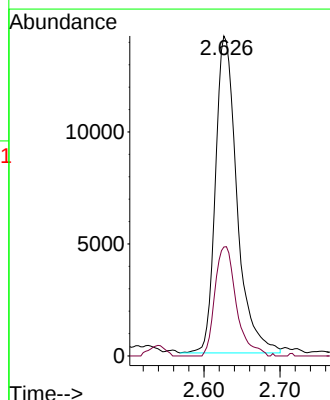
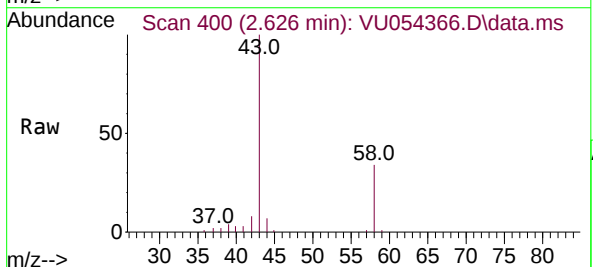
Instrument :
MSVOA_U
ClientSampleId :
FOUNDATION-TEST-PIT

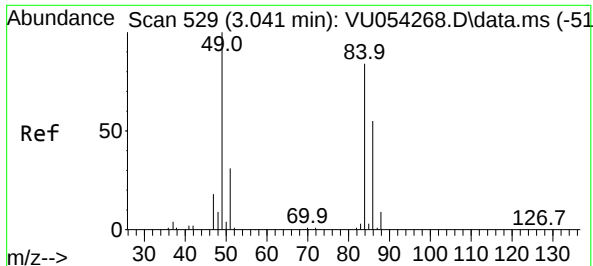
Tgt Ion:168 Resp: 259818
Ion Ratio Lower Upper
168 100
99 56.1 39.3 58.9



#16
Acetone
Concen: 14.258 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054366.D
Acq: 01 Jun 2023 02:53

Tgt Ion: 43 Resp: 27837
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3

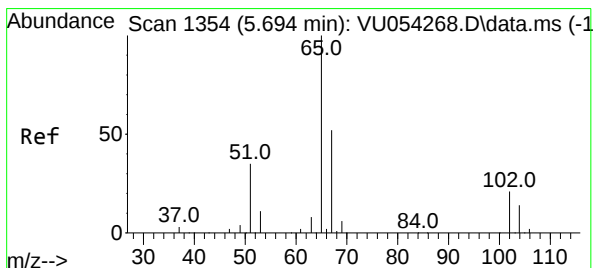
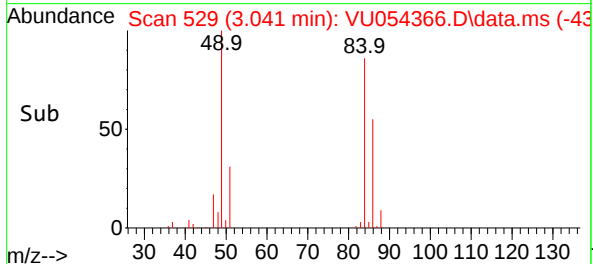
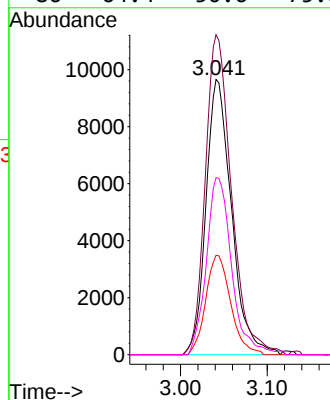
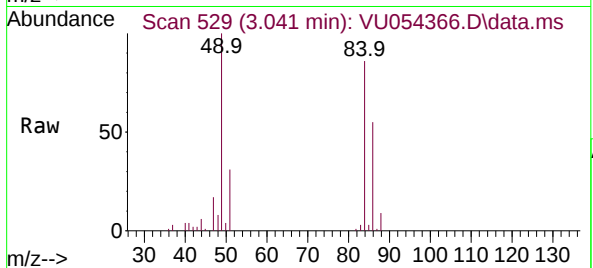




#20
Methylene Chloride
Concen: 5.630 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054366.D
Acq: 01 Jun 2023 02:53

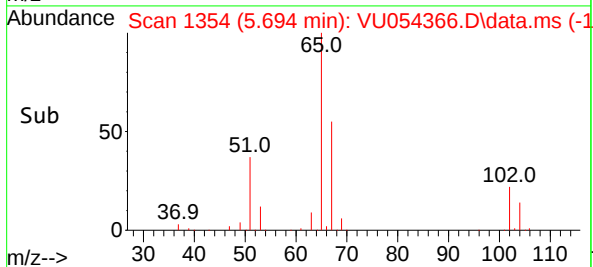
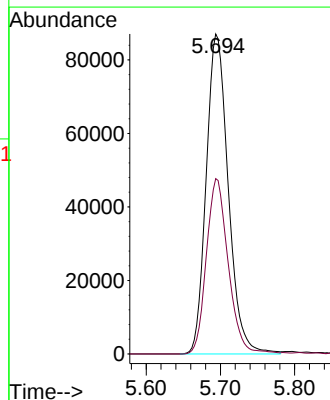
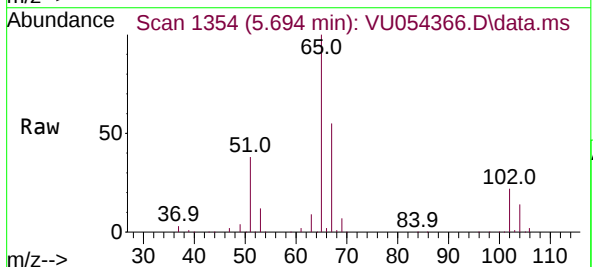
Instrument :
MSVOA_U
ClientSampleId :
FOUNDATION-TEST-PIT

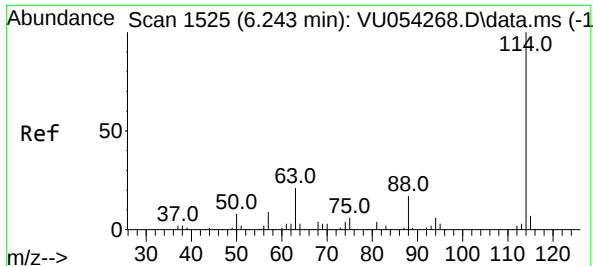
Tgt Ion:	84	Resp:	19828
Ion	Ratio	Lower	Upper
84	100		
49	116.3	86.6	129.8
51	36.1	26.6	40.0
86	64.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 52.758 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054366.D
Acq: 01 Jun 2023 02:53

Tgt Ion:	65	Resp:	179690
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054366.D

Acq: 01 Jun 2023 02:53

Instrument :

MSVOA_U

ClientSampleId :

FOUNDATION-TEST-PIT

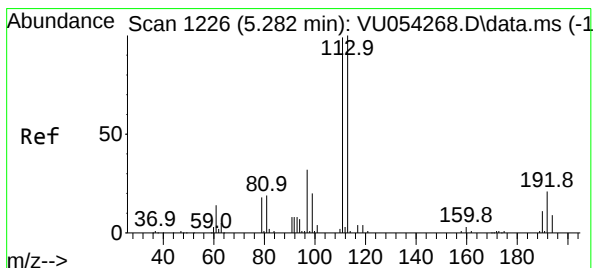
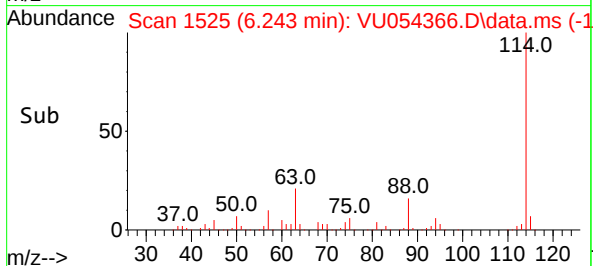
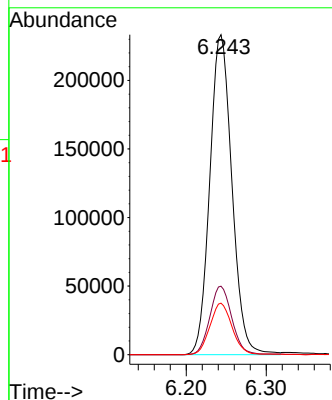
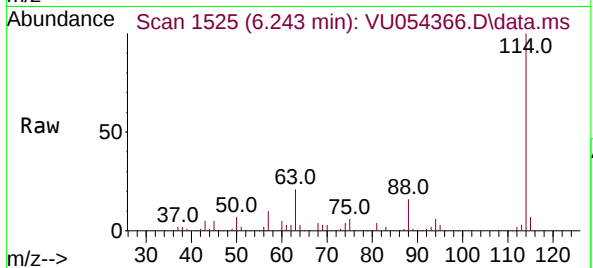
Tgt Ion:114 Resp: 448300

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 51.725 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054366.D

Acq: 01 Jun 2023 02:53

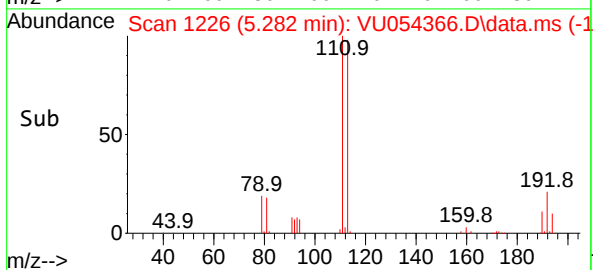
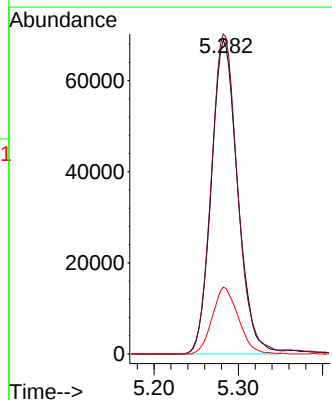
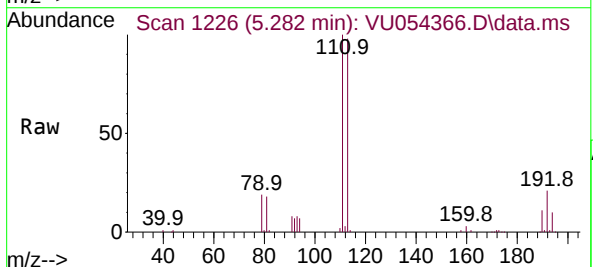
Tgt Ion:113 Resp: 149327

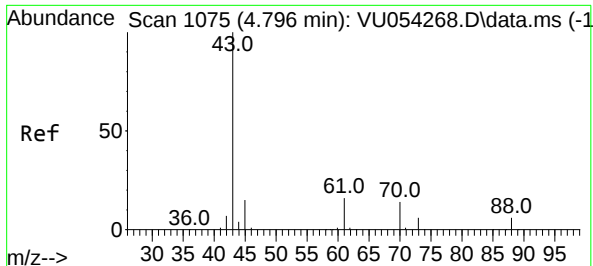
Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 21.0 18.0 27.0





#37

Ethyl Acetate

Concen: 8.216 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.007 min

Lab File: VU054366.D

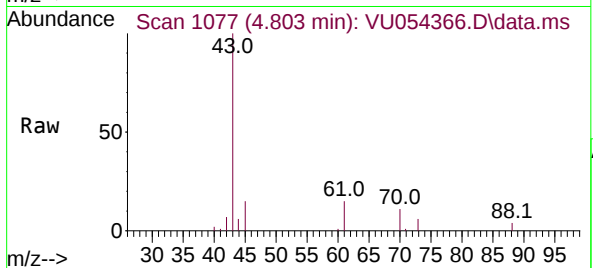
Acq: 01 Jun 2023 02:53

Instrument :

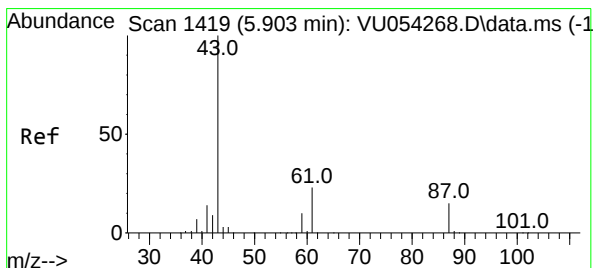
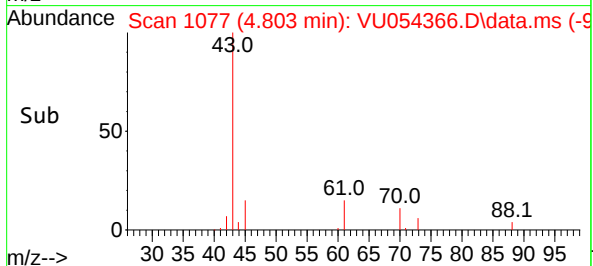
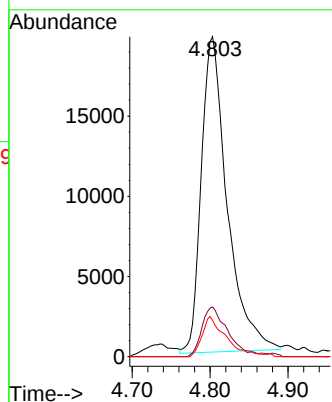
MSVOA_U

ClientSampleId :

FOUNDATION-TEST-PIT



Tgt Ion:	43	Resp:	45404
Ion	Ratio	Lower	Upper
43	100		
61	15.8	9.5	14.3#
70	11.6	7.5	11.3#



#43

Isopropyl Acetate

Concen: 22.551 ug/l

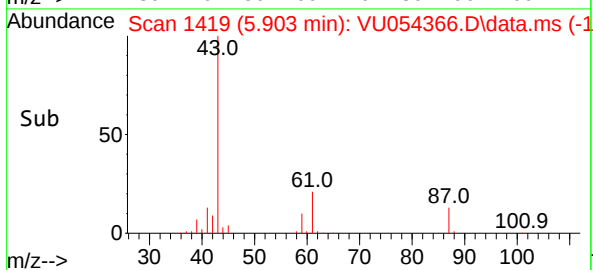
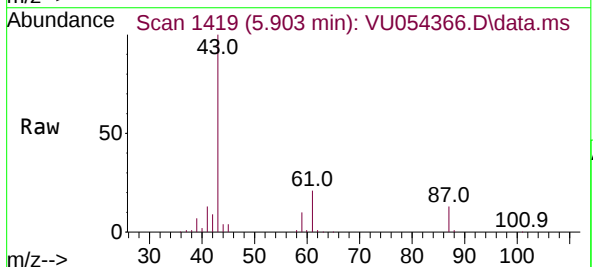
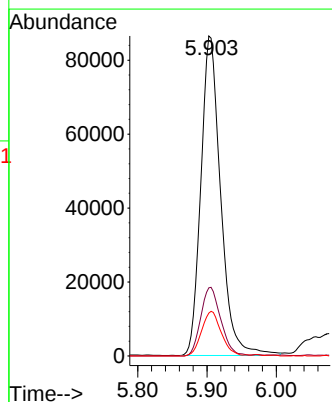
RT: 5.903 min Scan# 1419

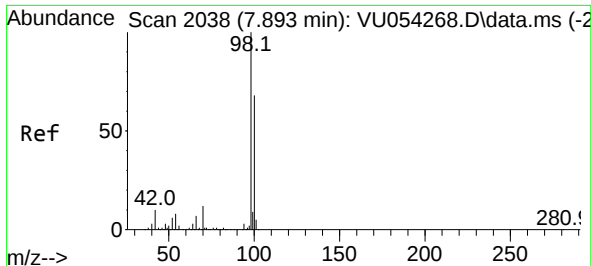
Delta R.T. -0.000 min

Lab File: VU054366.D

Acq: 01 Jun 2023 02:53

Tgt Ion:	43	Resp:	171893
Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.4	26.0
87	13.8	12.6	18.8

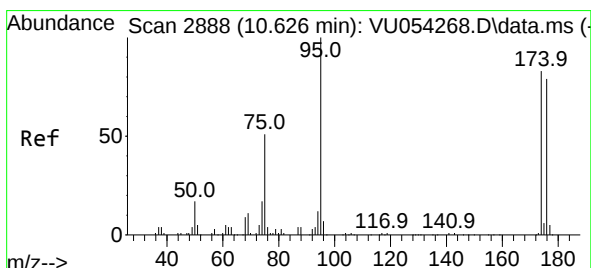
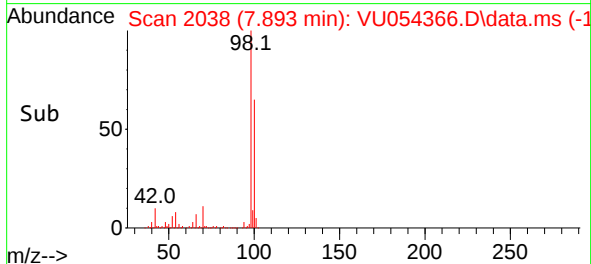
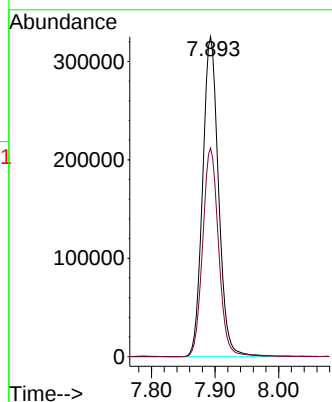
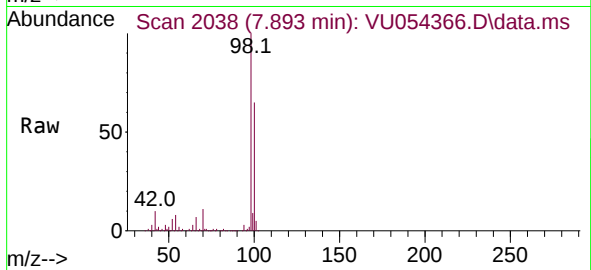




#50
Toluene-d8
Concen: 51.357 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054366.D
Acq: 01 Jun 2023 02:53

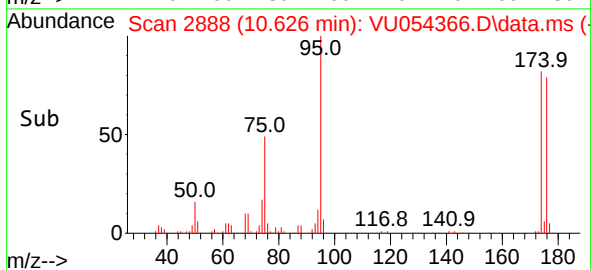
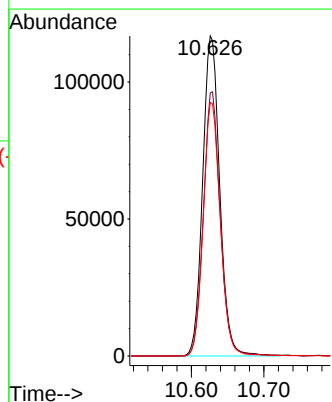
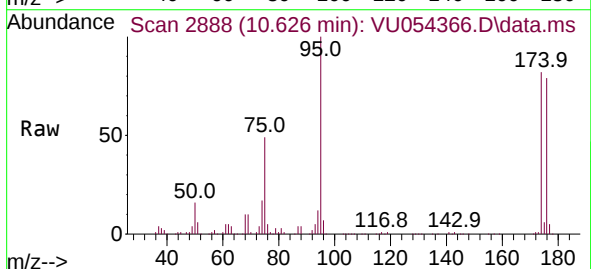
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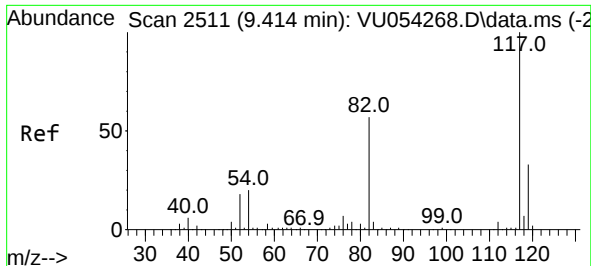
Tgt Ion: 98 Resp: 563956
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.882 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054366.D
Acq: 01 Jun 2023 02:53

Tgt Ion: 95 Resp: 191100
Ion Ratio Lower Upper
95 100
174 81.7 0.0 182.0
176 78.9 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.411 min Scan# 2511

Delta R.T. -0.003 min

Lab File: VU054366.D

Acq: 01 Jun 2023 02:53

Instrument :

MSVOA_U

ClientSampleId :

FOUNDATION-TEST-PIT

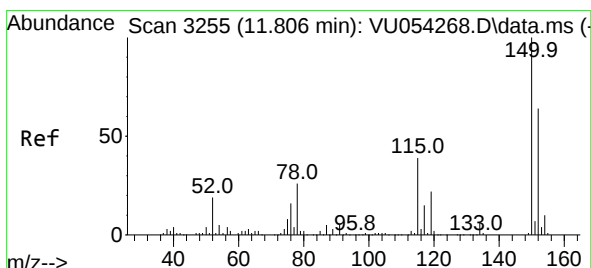
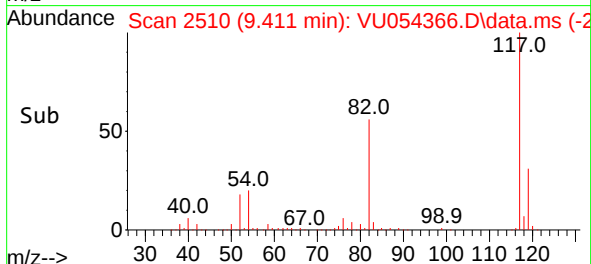
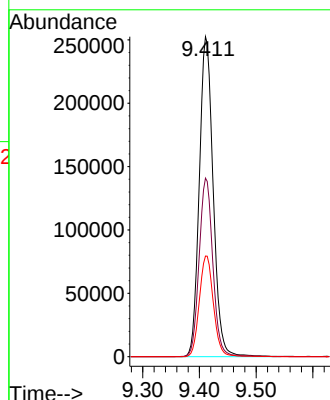
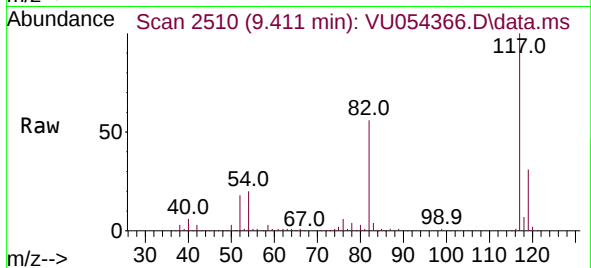
Tgt Ion:117 Resp: 429501

Ion Ratio Lower Upper

117 100

82 55.7 41.7 62.5

119 31.5 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: VU054366.D

Acq: 01 Jun 2023 02:53

Tgt Ion:152 Resp: 194785

Ion Ratio Lower Upper

152 100

115 57.5 37.0 110.9

150 157.3 0.0 342.2

