

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054182.D
 Acq On : 18 May 2023 22:05
 Operator : JC/MD
 Sample : 02844-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX10

Quant Time: May 19 02:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

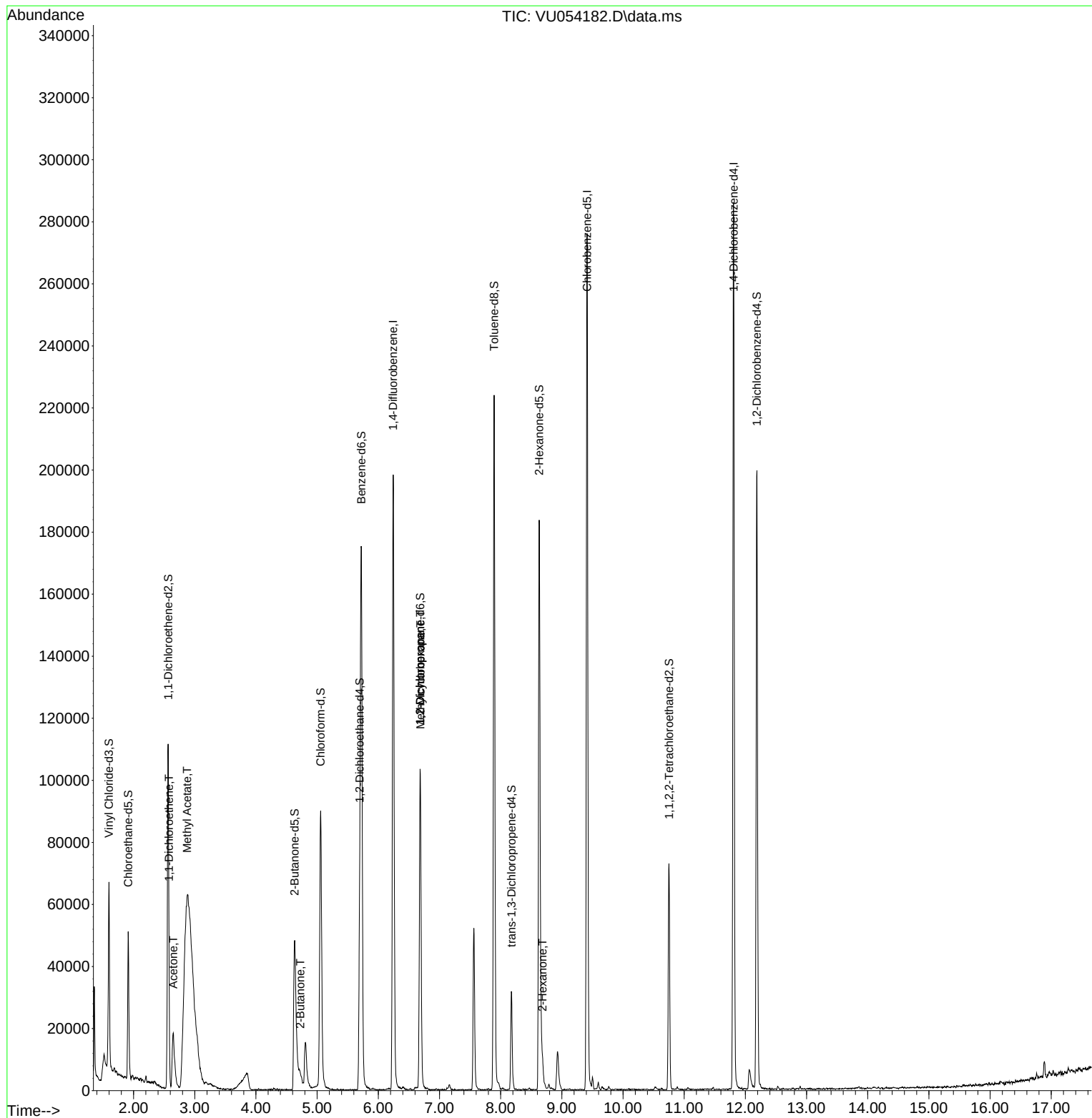
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	166204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	159759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43763	4.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.912	69	35213	5.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.565	65	20982	5.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	4.633	46	88545	55.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	5.057	84	86031	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.697	65	41625	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.723	84	170516	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.684	67	51158	5.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.893	98	151214	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.176	79	18251	4.805	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.629	63	65201	57.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36501	5.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	54979	5.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1996	0.196	ug/L #	1
13) Acetone	2.649	43	34162	15.715	ug/L	98
15) Methyl Acetate	2.874	43	1162	0.298	ug/L #	50
21) 2-Butanone	4.726	43	6400	2.223	ug/L #	71
35) Methylcyclohexane	6.687	83	12459	0.701	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5379	0.453	ug/L #	88
48) 2-Hexanone	8.684	43	5304	1.161	ug/L #	76

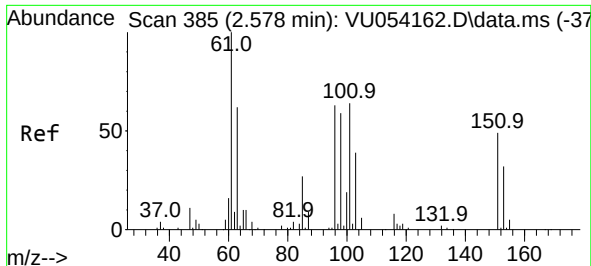
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.196 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU054182.D

Acq: 18 May 2023 22:05

Instrument :

MSVOA_U

ClientSampleId :

GBX10

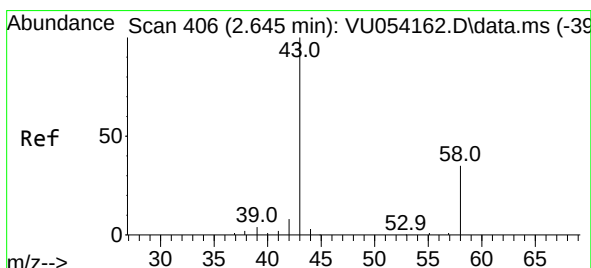
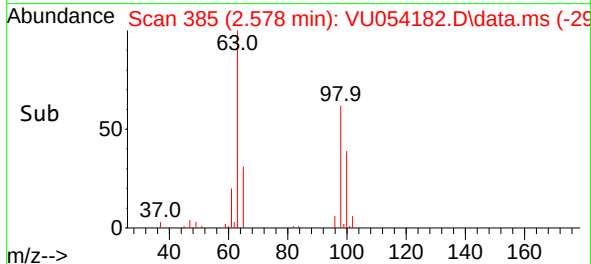
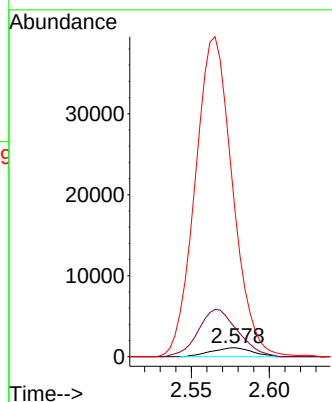
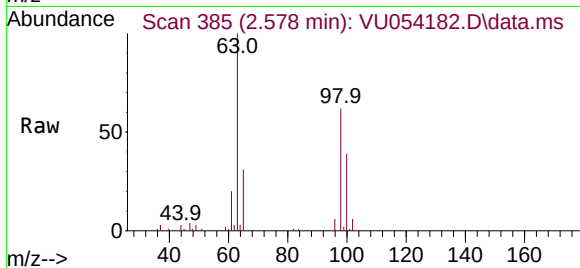
Tgt Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 322.2 114.7 212.9#

63 1617.3 68.6 127.4#



#13

Acetone

Concen: 15.715 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU054182.D

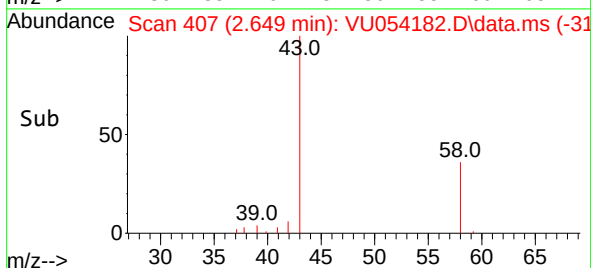
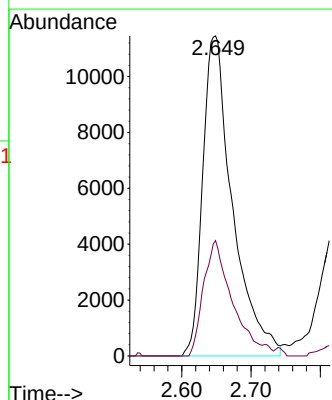
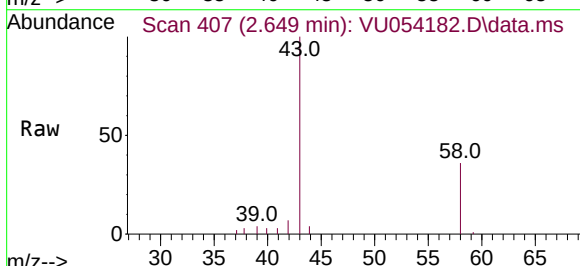
Acq: 18 May 2023 22:05

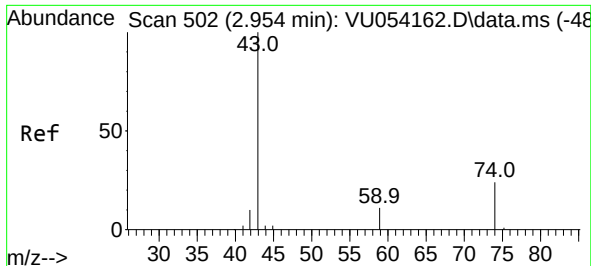
Tgt Ion: 43 Resp: 34162

Ion Ratio Lower Upper

43 100

58 35.1 0.0 73.2

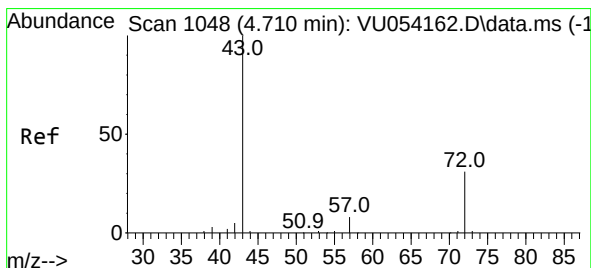
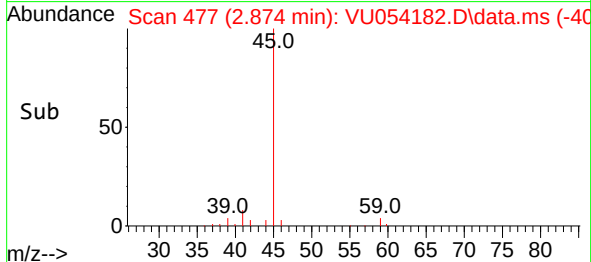
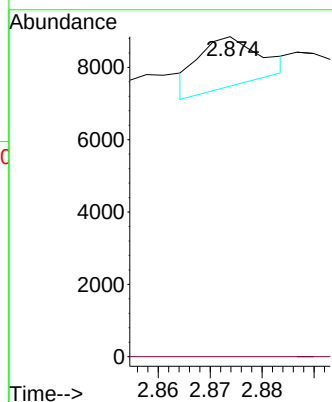
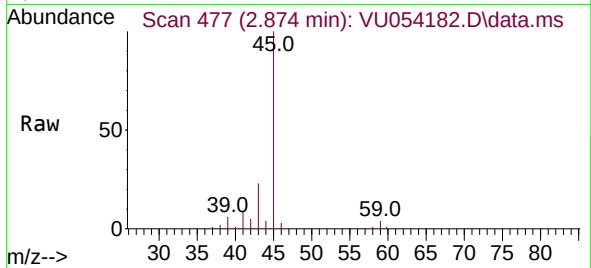




#15
Methyl Acetate
Concen: 0.298 ug/L
RT: 2.874 min Scan# 41
Delta R.T. -0.080 min
Lab File: VU054182.D
Acq: 18 May 2023 22:05

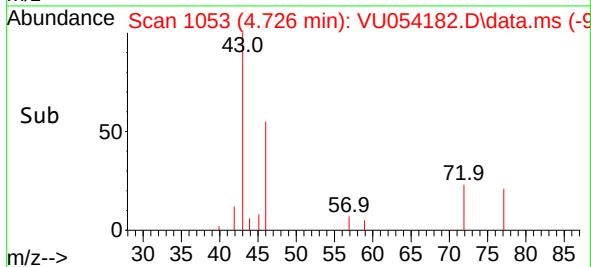
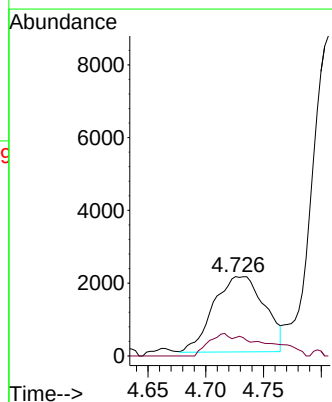
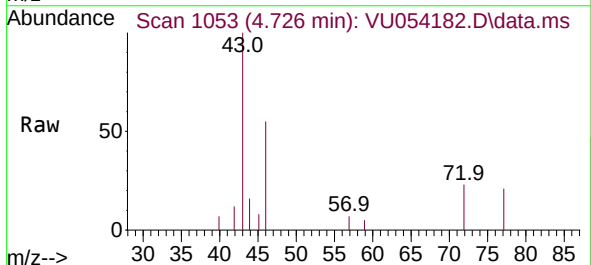
Instrument :
MSVOA_U
ClientSampleId :
GBX10

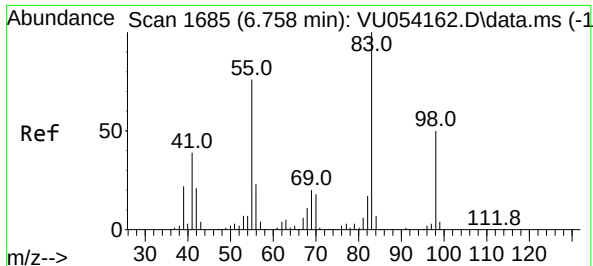
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#21
2-Butanone
Concen: 2.223 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU054182.D
Acq: 18 May 2023 22:05

Tgt Ion: 43 Resp: 6400
Ion Ratio Lower Upper
43 100
72 13.0 14.2 42.8#





#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054182.D

Acq: 18 May 2023 22:05

Instrument :

MSVOA_U

ClientSampleId :

GBX10

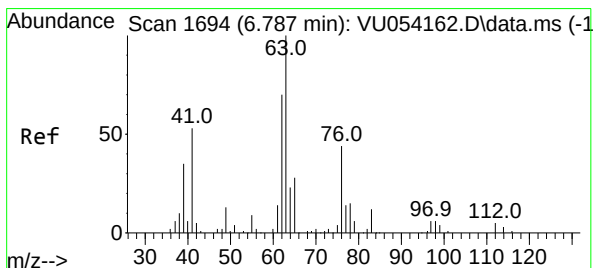
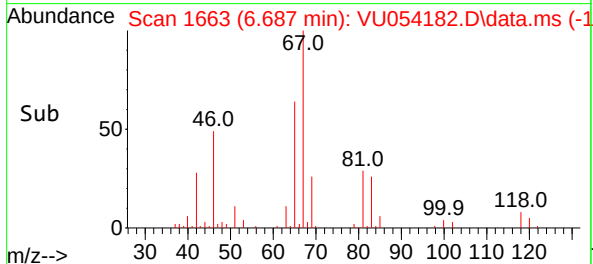
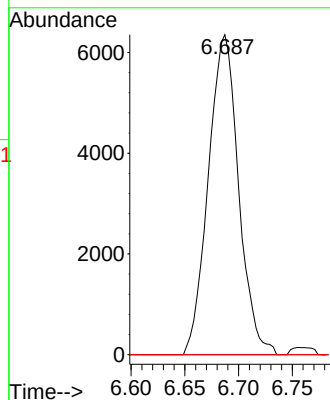
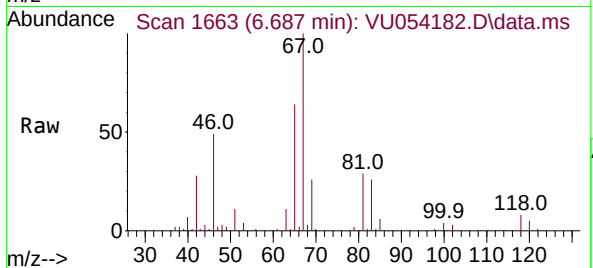
Tgt Ion: 83 Resp: 12459

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.453 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU054182.D

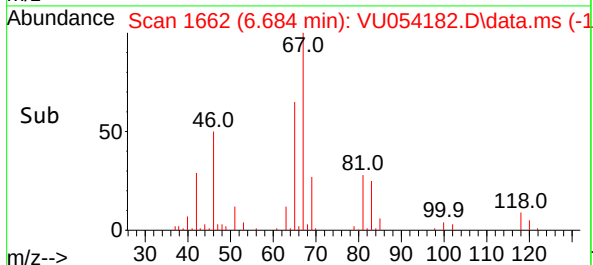
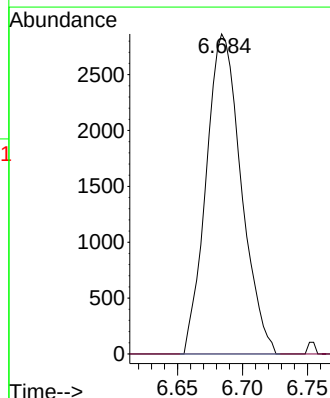
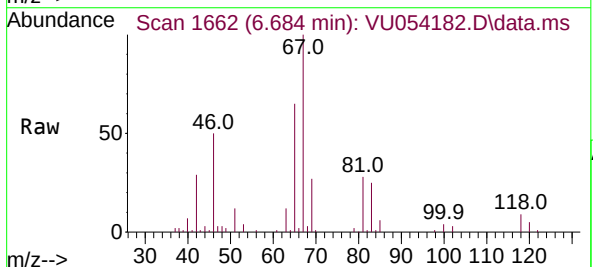
Acq: 18 May 2023 22:05

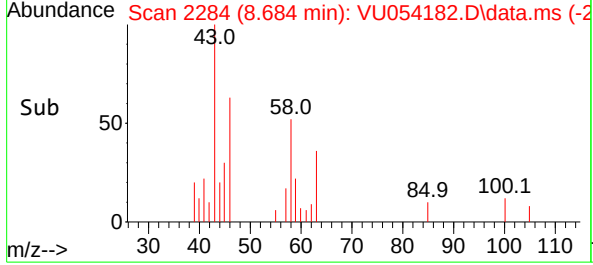
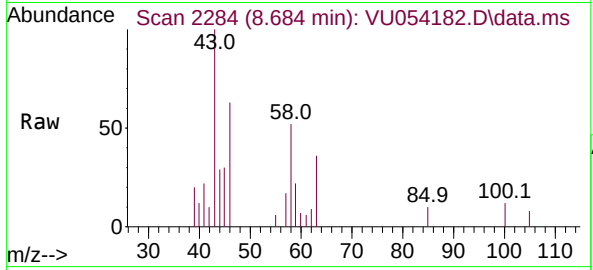
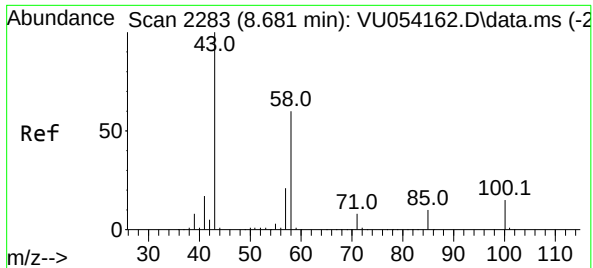
Tgt Ion: 63 Resp: 5379

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#48
 2-Hexanone
 Concen: 1.161 ug/L
 RT: 8.684 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU054182.D
 Acq: 18 May 2023 22:05

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX10

Tgt Ion: 43	Resp: 5304
Ion Ratio	Lower Upper
43	100
58	46.3 48.6 72.8#
57	2.7 16.7 25.1#
100	6.0 11.4 17.2#

