

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053075.D
 Acq On : 13 Feb 2023 13:01
 Operator : JC/MD
 Sample : 01533-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM81

Quant Time: Feb 14 00:45:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

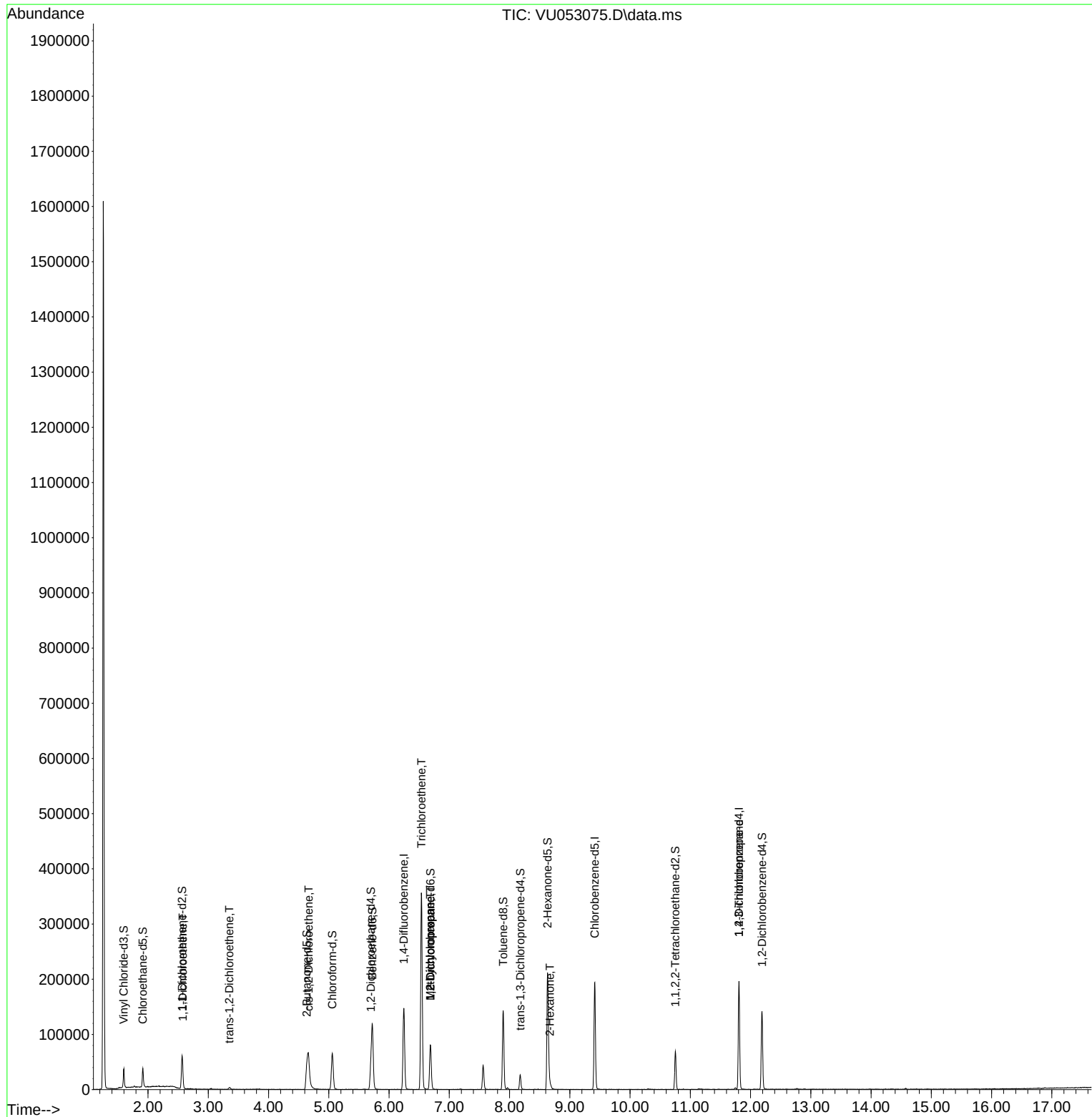
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	120778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23701	4.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.913	69	24711	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.566	65	10931	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.636	46	95367	53.817	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.640%
24) Chloroform-d	5.058	84	60312	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.698	65	31736	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.723	84	112280	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	40509	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	97278	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.177	79	15694	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.630	63	76627	51.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.720%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34453	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	35467	4.808	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	2264	0.317	ug/L #	1
18) trans-1,2-Dichloroethene	3.350	96	1375	0.182	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	18615	2.182	ug/L	98
34) Trichloroethene	6.537	95	121506	14.129	ug/L	99
35) Methylcyclohexane	6.685	83	9342	0.671	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4273	0.513	ug/L #	90
48) 2-Hexanone	8.672	43	3607	1.131	ug/L #	84
61) 1,2,3-Trichloropropane	11.807	75	6458	1.362	ug/L #	70

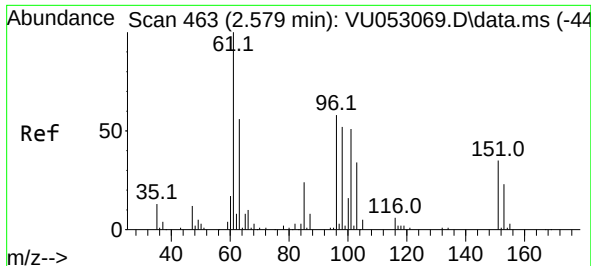
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.317 ug/L

RT: 2.575 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU053075.D

Acq: 13 Feb 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

COM81

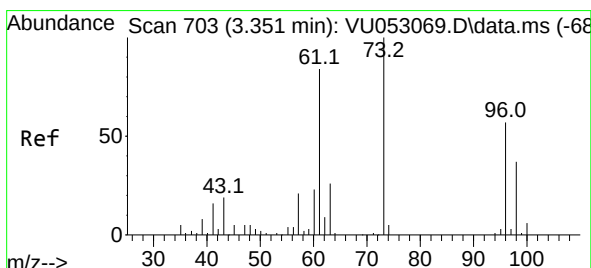
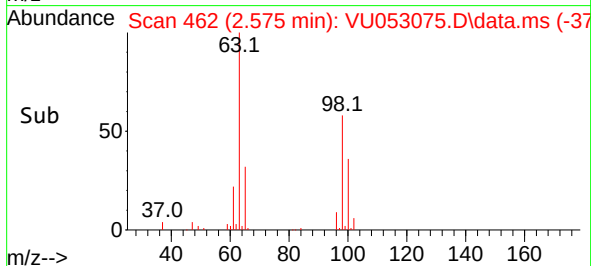
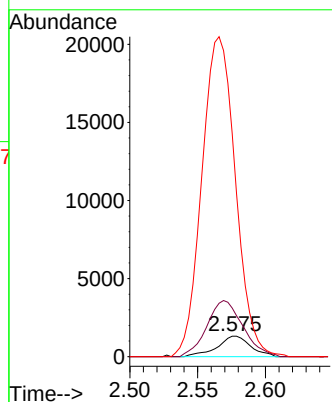
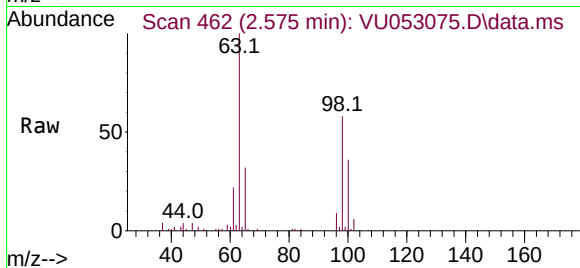
Tgt Ion: 96 Resp: 2264

Ion Ratio Lower Upper

96 100

61 237.2 115.1 213.7#

63 1089.8 63.6 118.0#



#18

trans-1,2-Dichloroethene

Concen: 0.182 ug/L

RT: 3.350 min Scan# 703

Delta R.T. -0.000 min

Lab File: VU053075.D

Acq: 13 Feb 2023 13:01

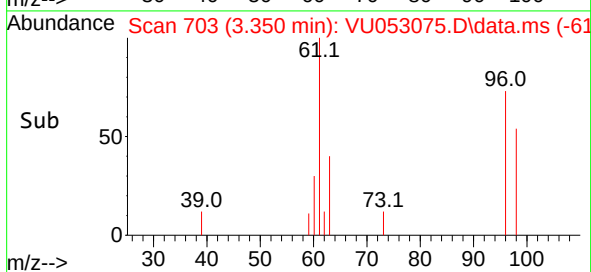
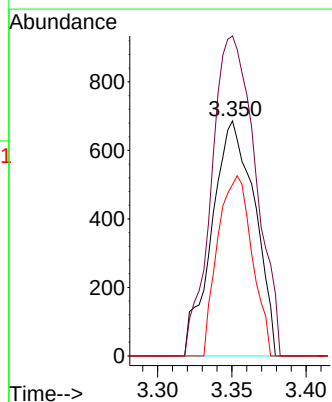
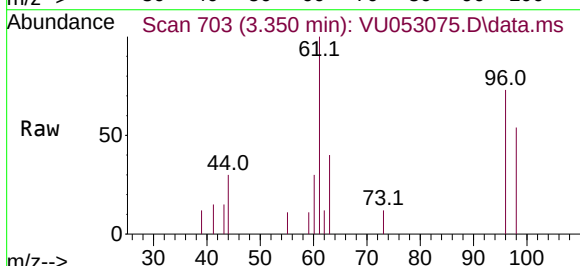
Tgt Ion: 96 Resp: 1375

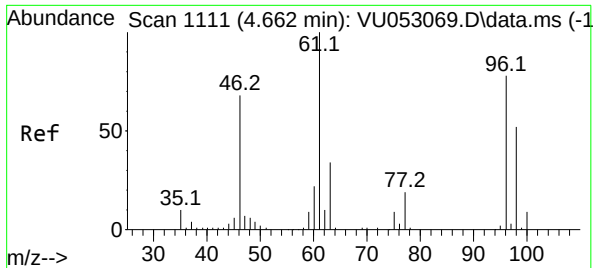
Ion Ratio Lower Upper

96 100

61 136.2 99.5 184.9

98 72.9 44.8 83.2

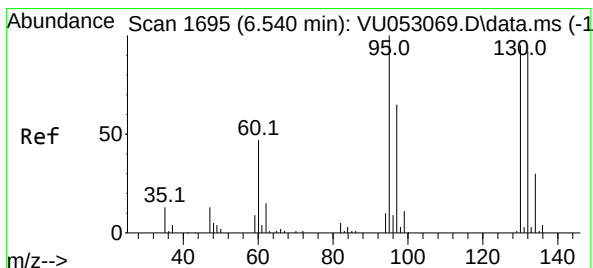
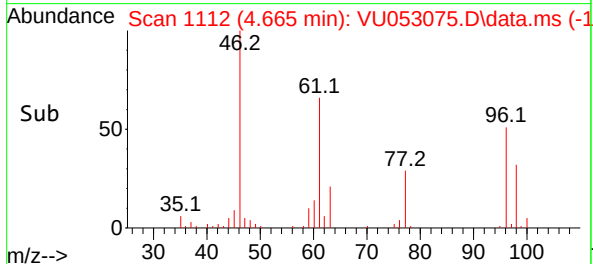
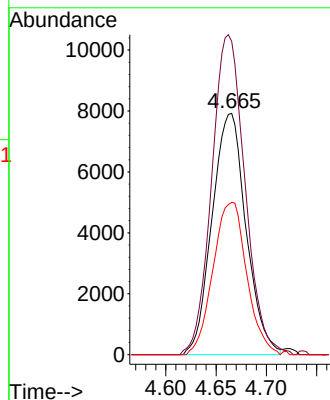
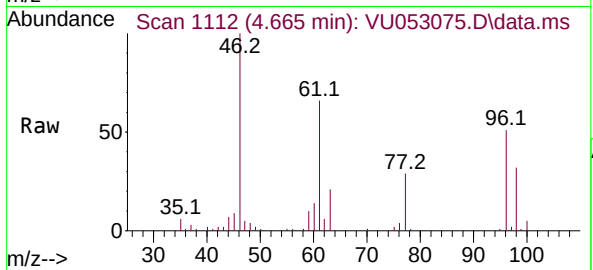




#22
 cis-1,2-Dichloroethene
 Concen: 2.182 ug/L
 RT: 4.665 min Scan# 1111
 Delta R.T. 0.003 min
 Lab File: VU053075.D
 Acq: 13 Feb 2023 13:01

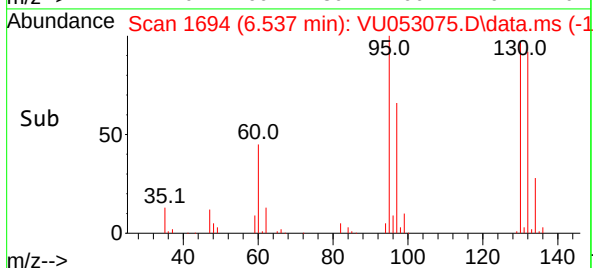
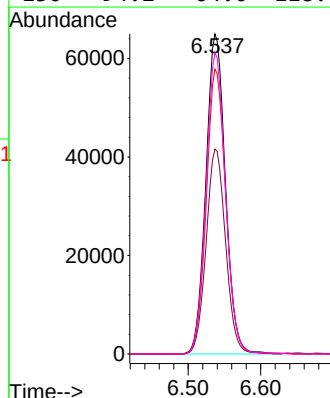
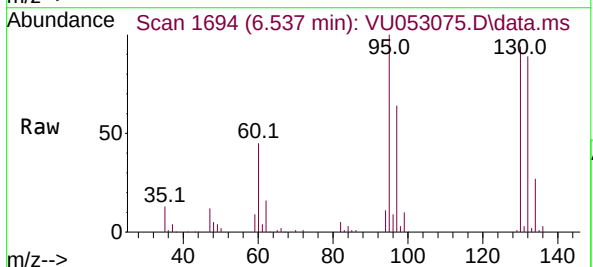
Instrument :
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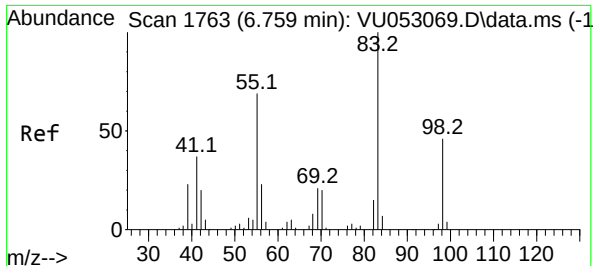
Tgt Ion: 96 Resp: 18615
 Ion Ratio Lower Upper
 96 100
 61 129.8 90.9 168.9
 98 63.1 47.0 87.4



#34
 Trichloroethene
 Concen: 14.129 ug/L
 RT: 6.537 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053075.D
 Acq: 13 Feb 2023 13:01

Tgt Ion: 95 Resp: 121506
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.7 82.9
 132 89.0 62.3 115.7
 130 94.2 64.0 118.8





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.685 min Scan# 1740

Delta R.T. -0.074 min

Lab File: VU053075.D

Acq: 13 Feb 2023 13:01

Instrument :

MSVOA_U

ClientSampleId :

COM81

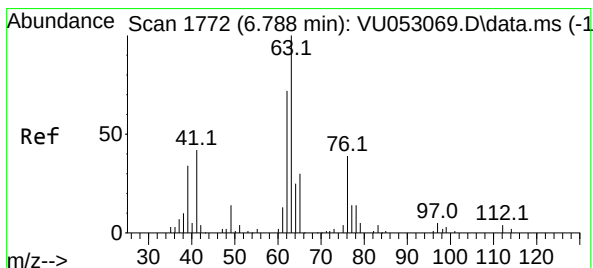
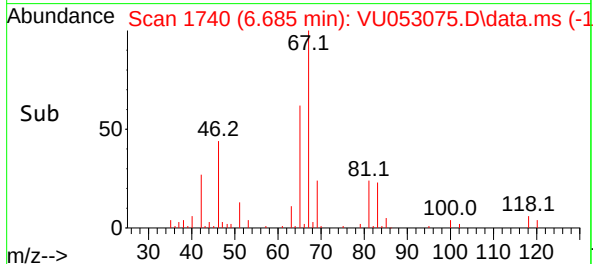
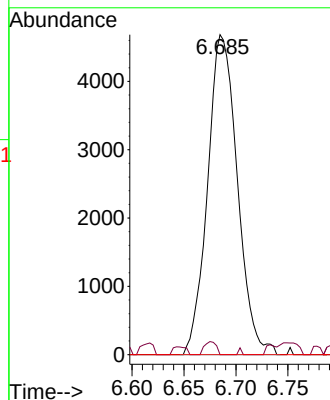
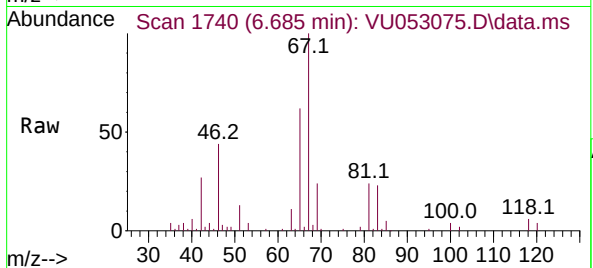
Tgt Ion: 83 Resp: 9342

Ion Ratio Lower Upper

83 100

55 1.6 57.9 86.9#

98 0.0 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.685 min Scan# 1740

Delta R.T. -0.103 min

Lab File: VU053075.D

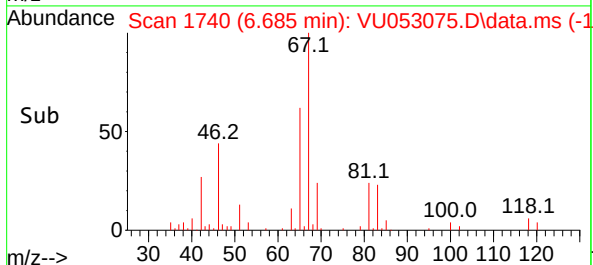
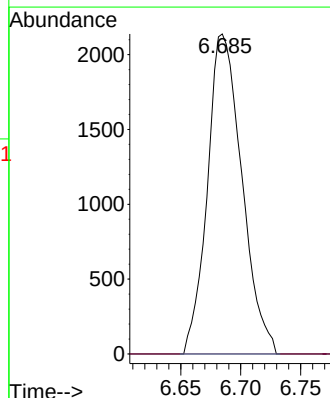
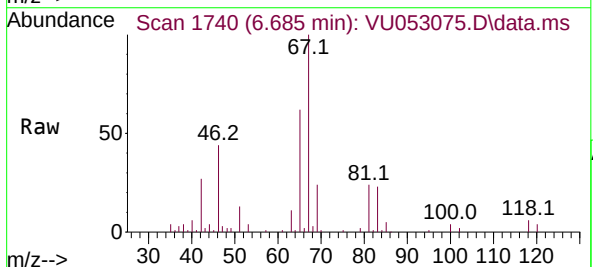
Acq: 13 Feb 2023 13:01

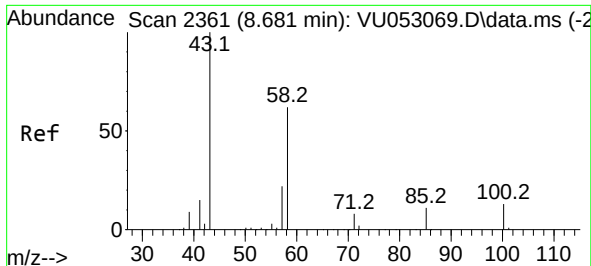
Tgt Ion: 63 Resp: 4273

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

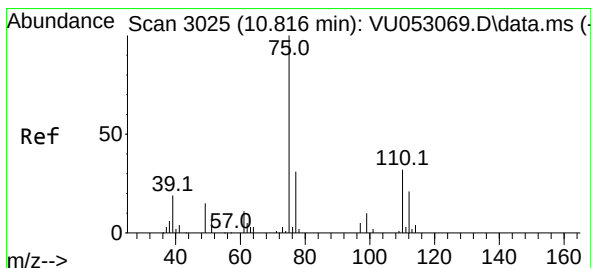
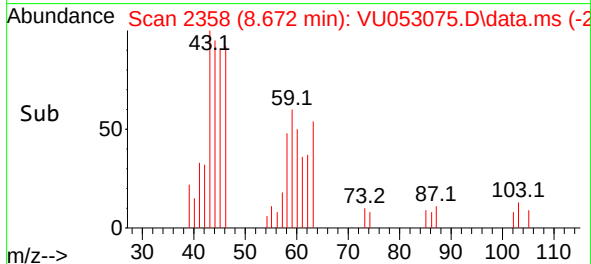
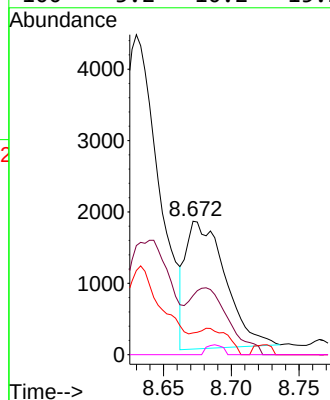
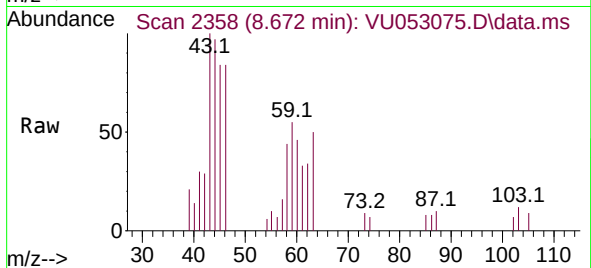




#48
2-Hexanone
Concen: 1.131 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU053075.D
Acq: 13 Feb 2023 13:01

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43	Resp: 3607
Ion Ratio	Lower Upper
43 100	
58 50.8	50.3 75.5
57 15.6	17.4 26.0#
100 3.2	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.362 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.990 min
Lab File: VU053075.D
Acq: 13 Feb 2023 13:01

Tgt Ion: 75	Resp:	6458	
Ion Ratio	Lower	Upper	
75 100			
110 1.1	28.6	42.8#	
77 34.5	27.6	41.4	

