

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050072.D
 Acq On : 04 Aug 2022 19:45
 Operator : SY/MD
 Sample : N4022-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D76

Quant Time: Aug 05 04:55:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

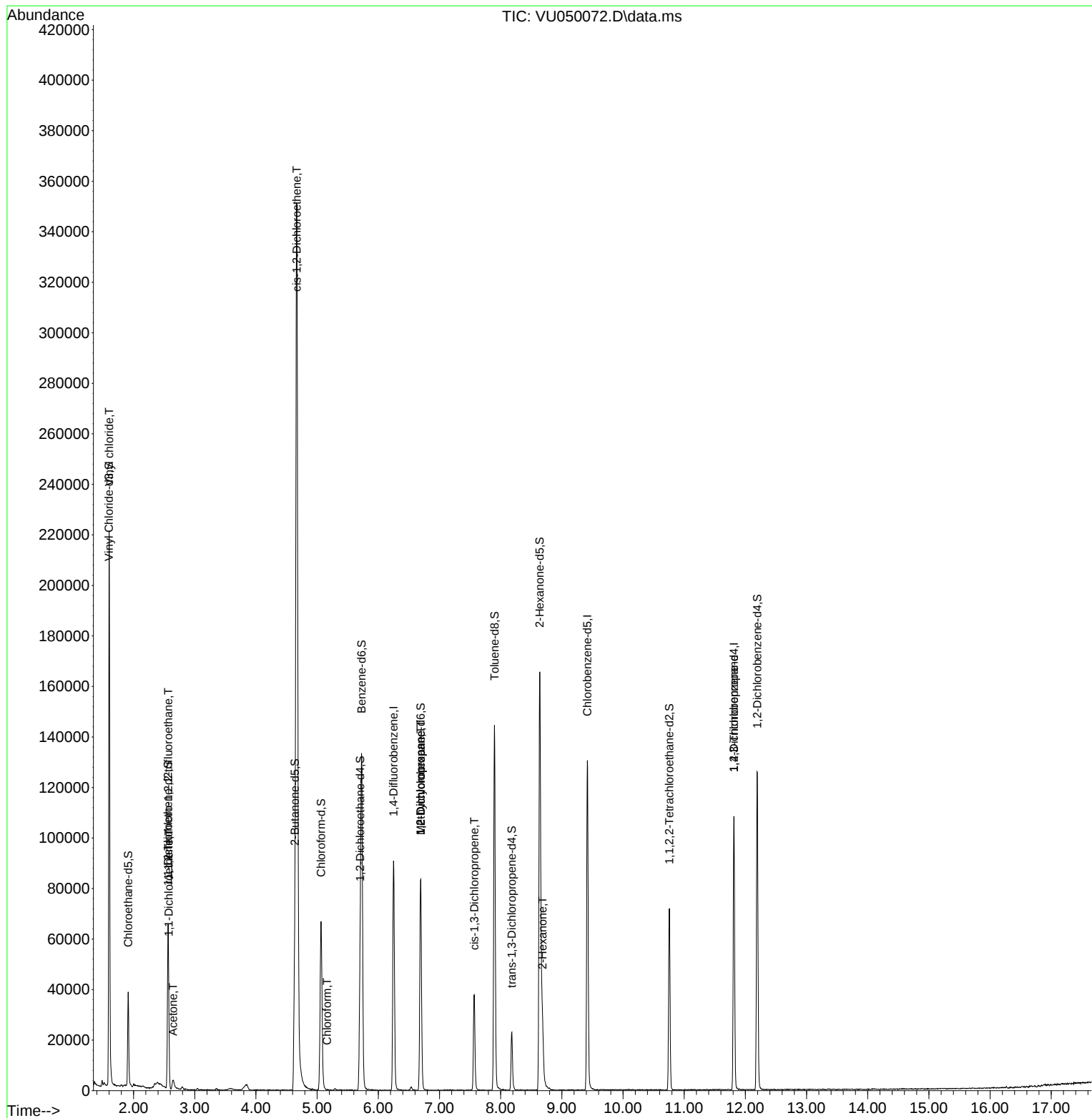
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76347	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31165	4.905	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.912	69	27084	5.284	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.600%	
11) 1,1-Dichloroethene-d2	2.562	65	11849	4.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	4.636	46	97511	62.935	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.860%	
24) Chloroform-d	5.063	84	64283	5.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.703	65	33540	5.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.600%	
32) Benzene-d6	5.729	84	128561	5.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
36) 1,2-Dichloropropane-d6	6.694	67	44438	5.571	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.899	98	101925	4.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.182	79	14553	5.091	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.800%	
46) 2-Hexanone-d5	8.639	63	55965	55.208	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37855	5.404	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35599	5.881	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	130256	15.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	239	0.048	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	676	0.128	ug/L #	1
13) Acetone	2.646	43	7110	8.240	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	183218	27.936	ug/L	98
25) Chloroform	5.163	83	30	0.003	ug/L #	17
35) Methylcyclohexane	6.694	83	9998	1.177	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4170	0.576	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	887	0.094	ug/L #	75
48) 2-Hexanone	8.684	43	13649	4.206	ug/L #	85
61) 1,2,3-Trichloropropane	11.812	75	3531	0.839	ug/L #	67

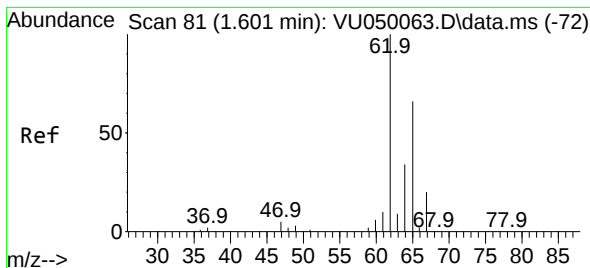
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.881 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050072.D

Acq: 04 Aug 2022 19:45

Instrument :

MSVOA_U

ClientSampleId :

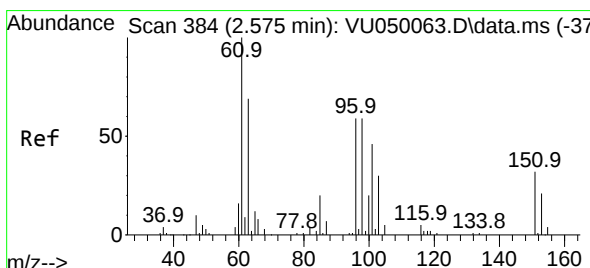
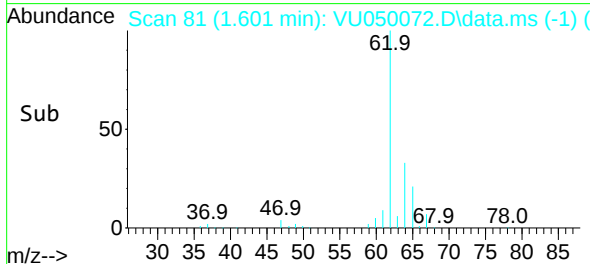
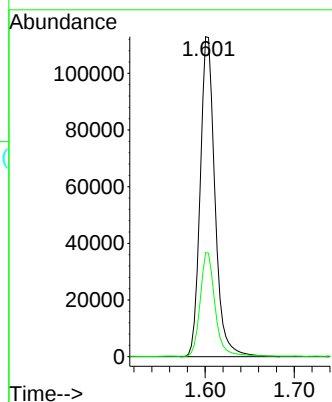
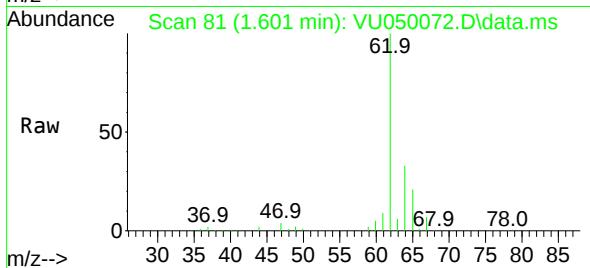
F5D76

Tgt Ion: 62 Resp: 130256

Ion Ratio Lower Upper

62 100

64 32.5 22.8 42.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.048 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050072.D

Acq: 04 Aug 2022 19:45

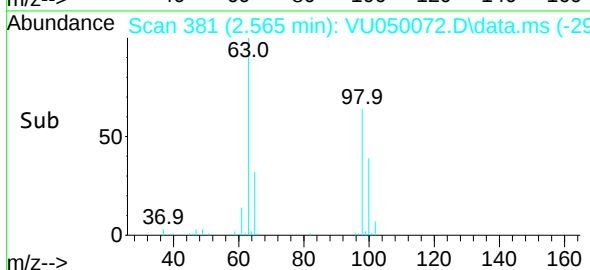
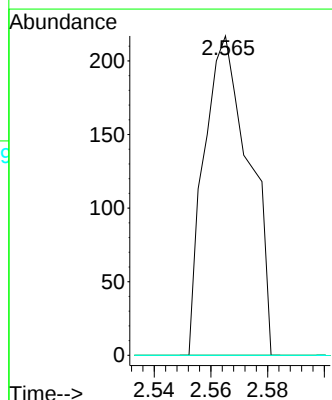
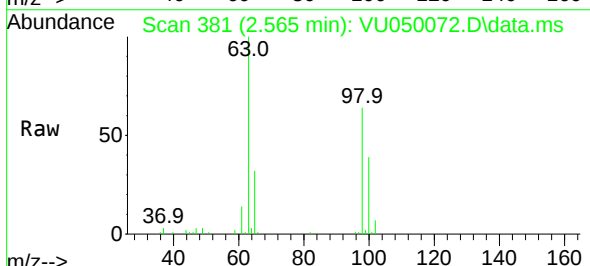
Tgt Ion: 101 Resp: 239

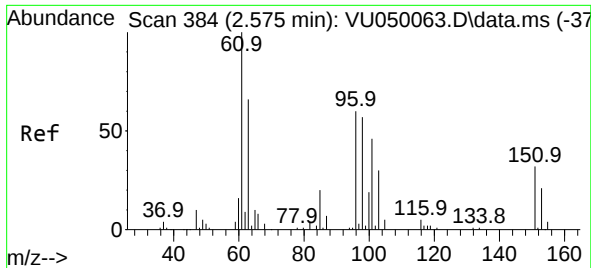
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050072.D

Acq: 04 Aug 2022 19:45

Instrument :

MSVOA_U

ClientSampleId :

F5D76

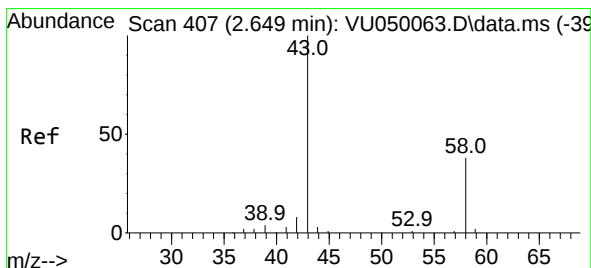
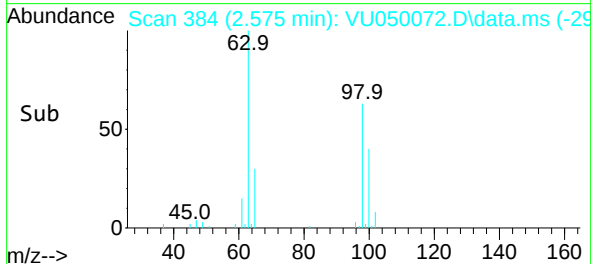
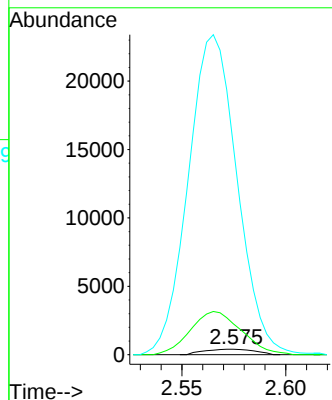
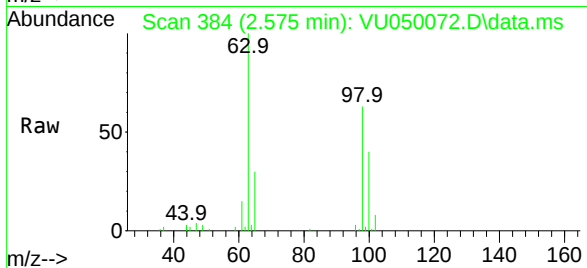
Tgt Ion: 96 Resp: 676

Ion Ratio Lower Upper

96 100

61 560.2 122.7 227.9#

63 3801.2 85.1 158.1#



#13

Acetone

Concen: 8.240 ug/L

RT: 2.646 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU050072.D

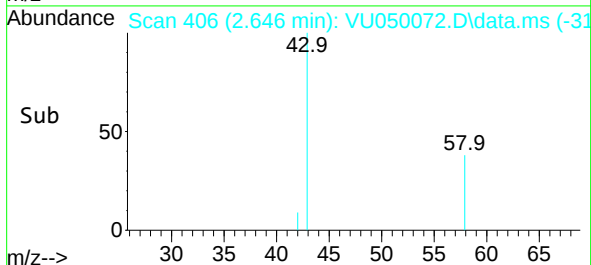
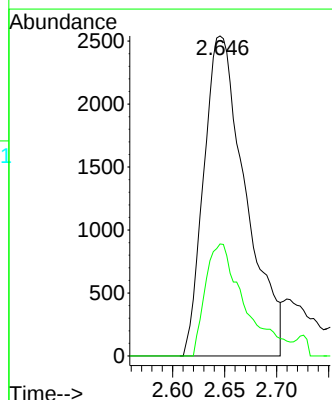
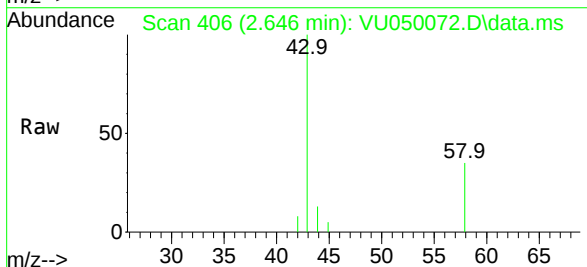
Acq: 04 Aug 2022 19:45

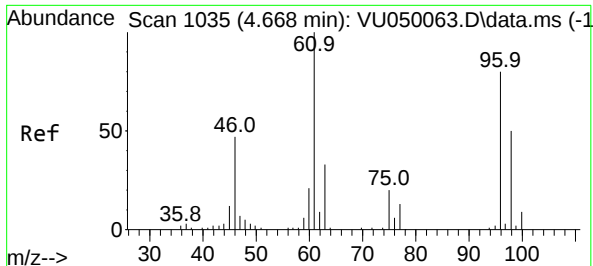
Tgt Ion: 43 Resp: 7110

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0





#22

cis-1,2-Dichloroethene

Concen: 27.936 ug/L

RT: 4.668 min Scan# 1189

Delta R.T. 0.000 min

Lab File: VU050072.D

Acq: 04 Aug 2022 19:45

Instrument :

MSVOA_U

ClientSampleId :

F5D76

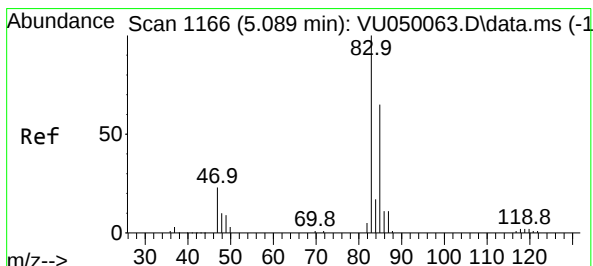
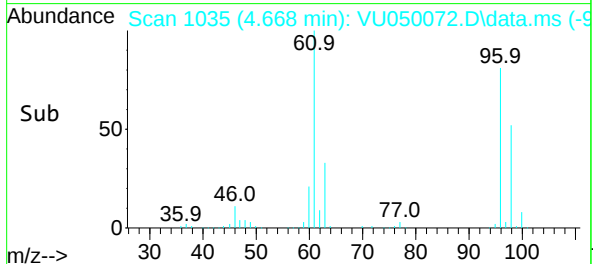
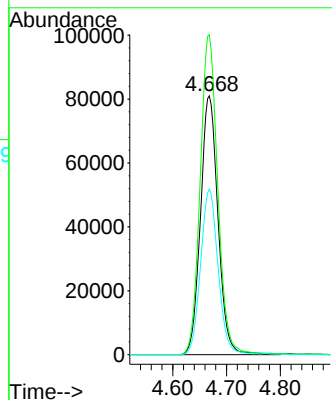
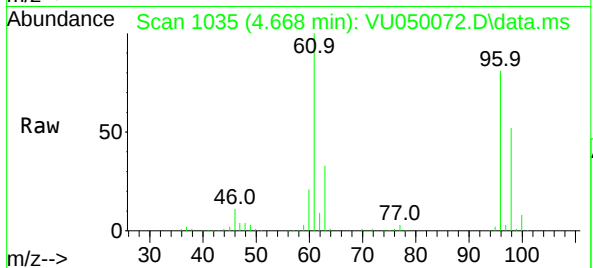
Tgt Ion: 96 Resp: 183218

Ion Ratio Lower Upper

96 100

61 123.6 89.0 165.4

98 63.9 45.2 84.0



#25

Chloroform

Concen: 0.003 ug/L

RT: 5.163 min Scan# 1189

Delta R.T. 0.074 min

Lab File: VU050072.D

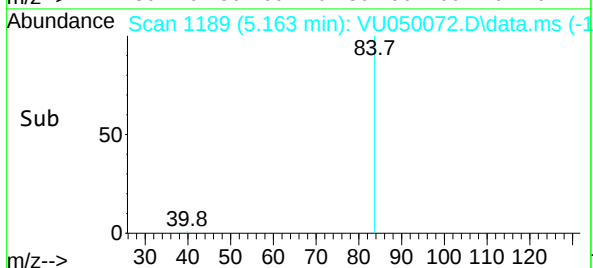
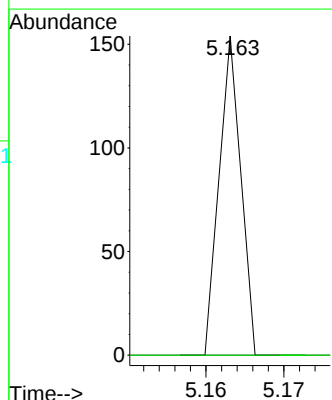
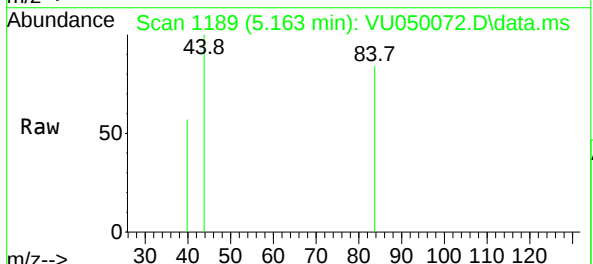
Acq: 04 Aug 2022 19:45

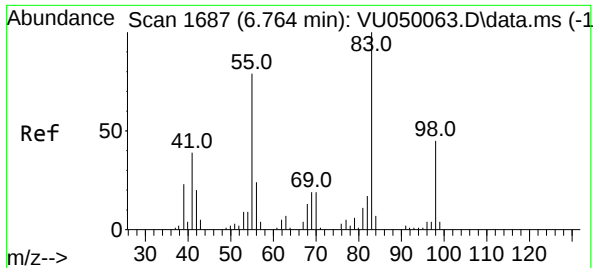
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.5#





#35

Methylcyclohexane

Concen: 1.177 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050072.D

Acq: 04 Aug 2022 19:45

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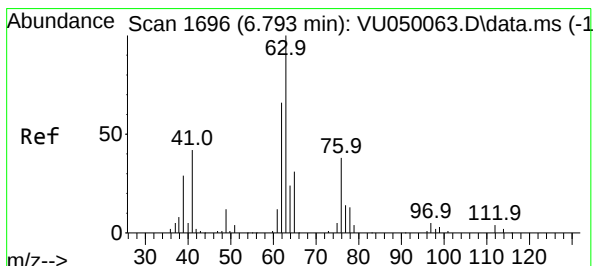
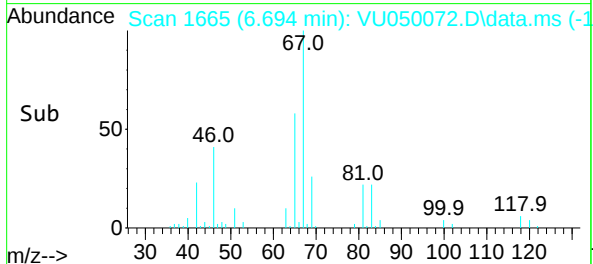
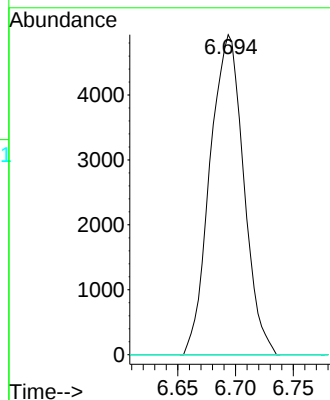
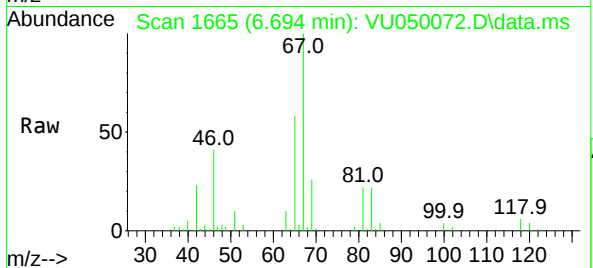
Tgt Ion: 83 Resp: 9998

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.2 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050072.D

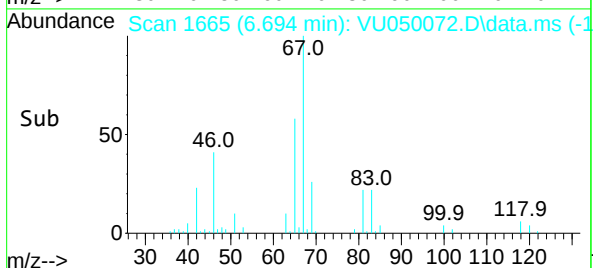
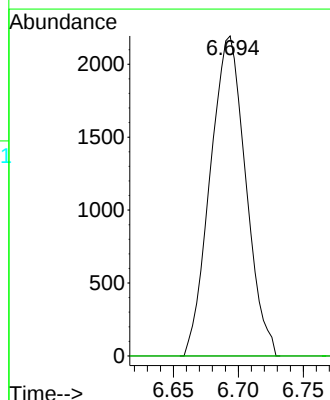
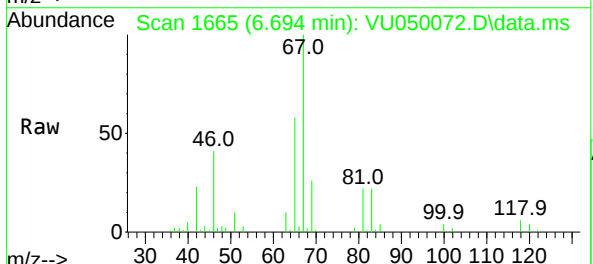
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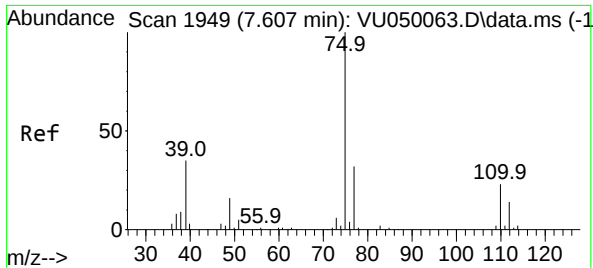
Tgt Ion: 63 Resp: 4170

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

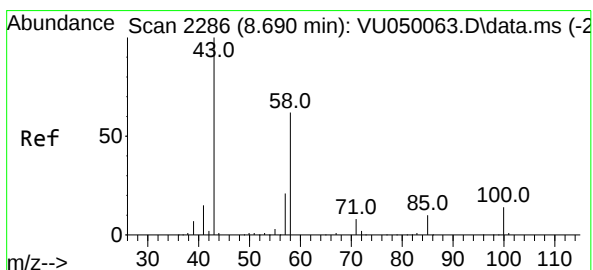
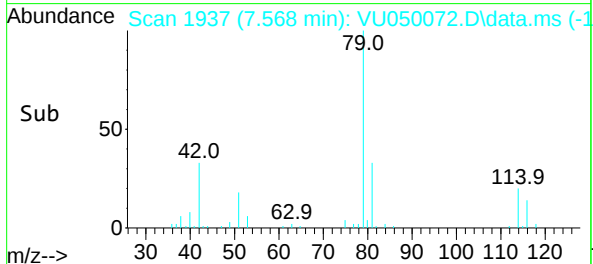
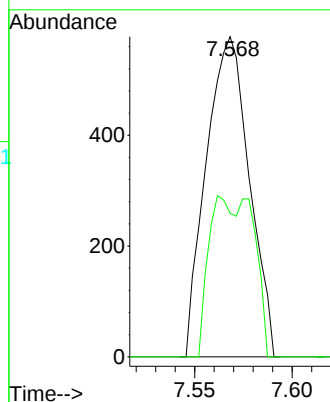
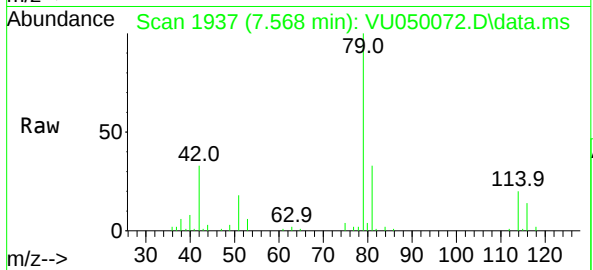




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.039 min
Lab File: VU050072.D
Acq: 04 Aug 2022 19:45

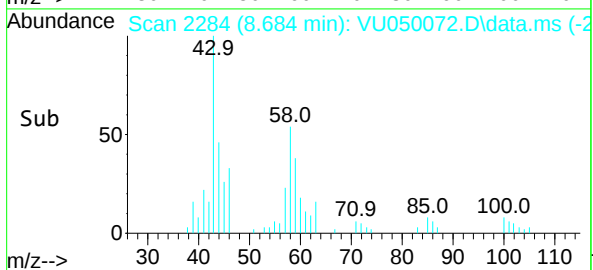
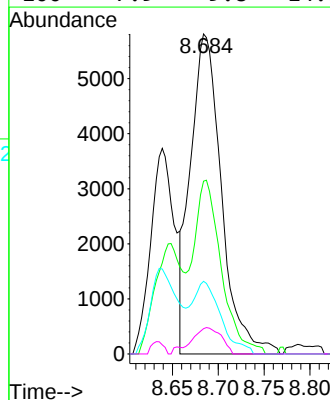
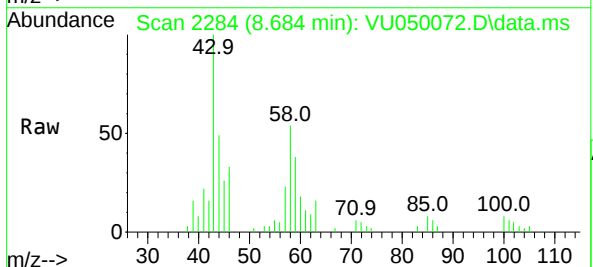
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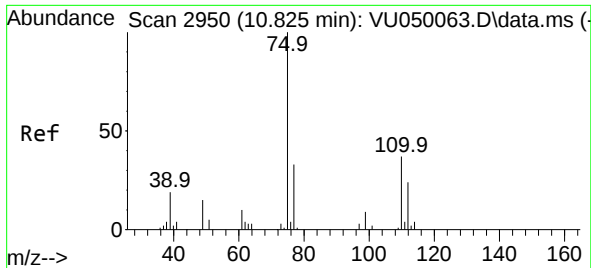
Tgt Ion: 75 Resp: 887
Ion Ratio Lower Upper
75 100
77 44.8 21.8 40.4#



#48
2-Hexanone
Concen: 4.206 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VU050072.D
Acq: 04 Aug 2022 19:45

Tgt Ion: 43 Resp: 13649
Ion Ratio Lower Upper
43 100
58 48.3 50.6 76.0#
57 21.0 16.0 24.0
100 7.9 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 0.839 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU050072.D

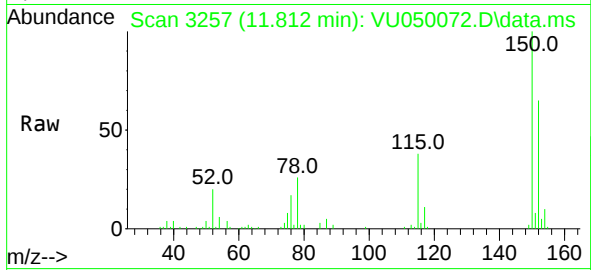
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Instrument :

MSVOA_U

ClientSampleId :

F5D76



Tgt Ion: 75 Resp: 3531

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 31.0 25.8 38.6

