

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049098.D
 Acq On : 12 Jun 2022 17:57
 Operator : SY/MD
 Sample : N3255-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DS0

Quant Time: Jun 13 05:05:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

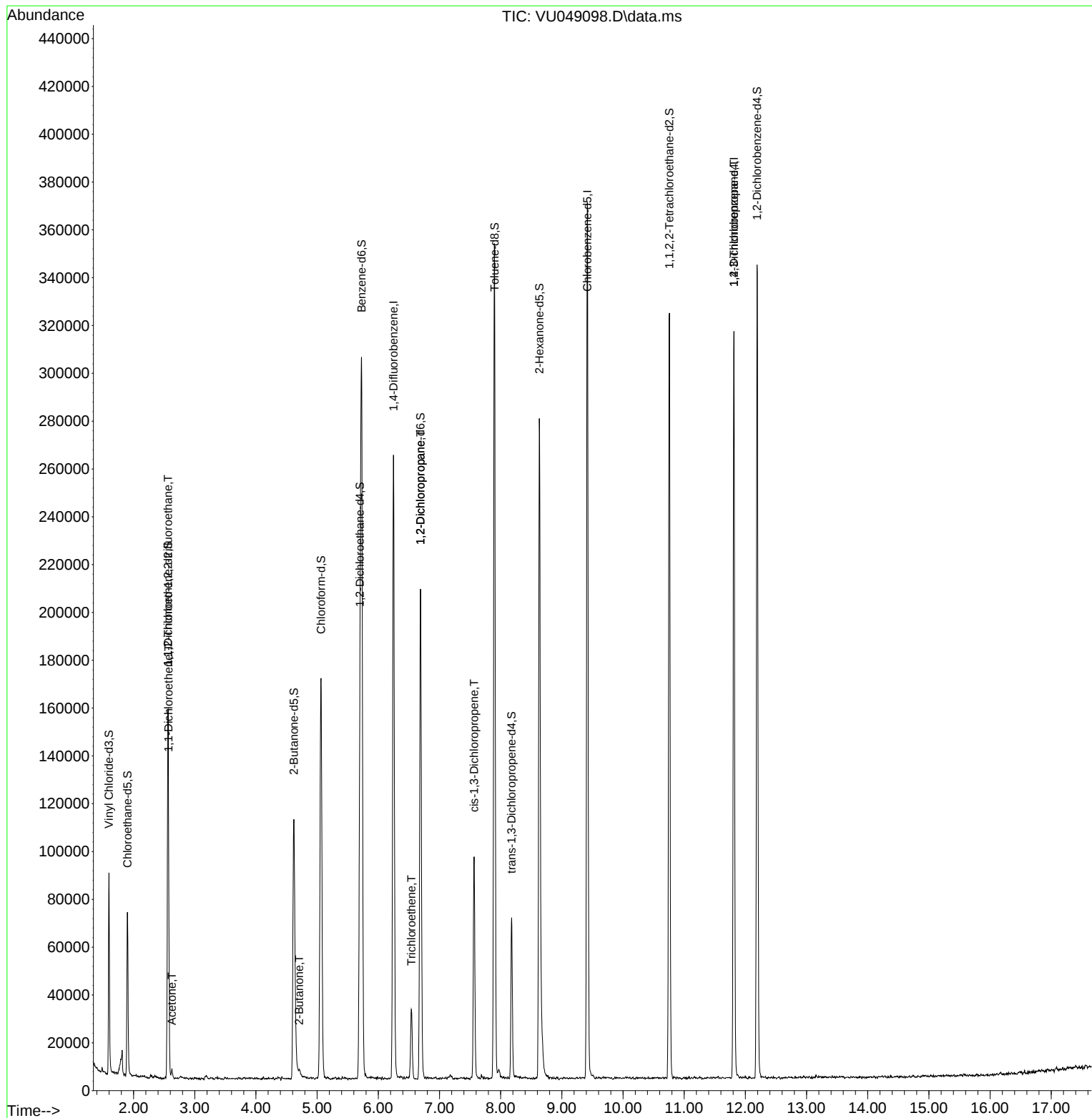
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	214931	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60041	45.346	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.700%	
7) Chloroethane-d5	1.899	69	52358	53.856	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	107.720%	
11) 1,1-Dichloroethene-d2	2.562	63	90522	36.231	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.460%	
21) 2-Butanone-d5	4.620	46	155228	106.928	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	106.930%	
24) Chloroform-d	5.063	84	153597	54.378	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.760%	
26) 1,2-Dichloroethane-d4	5.700	65	108669	59.383	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.760%	
32) Benzene-d6	5.726	84	283688	55.001	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.000%	
36) 1,2-Dichloropropane-d6	6.690	67	97768	56.385	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	112.760%	
41) Toluene-d8	7.899	98	232927	51.206	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.420%	
43) trans-1,3-Dichloroprop...	8.179	79	38227	46.862	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.720%	
47) 2-Hexanone-d5	8.632	63	85917	94.674	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.670%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	158030	54.567	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	109.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	94173	63.121	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	126.240%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	651	0.430	ug/L #	19
12) 1,1-Dichloroethene	2.571	96	942	0.711	ug/L #	1
13) Acetone	2.626	43	4021	3.520	ug/L	88
22) 2-Butanone	4.706	43	3994	2.275	ug/L	81
34) Trichloroethene	6.542	95	9363	5.512	ug/L	91
37) 1,2-Dichloropropane	6.690	63	10744	5.654	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2338	0.836	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	9757	4.486	ug/L #	65

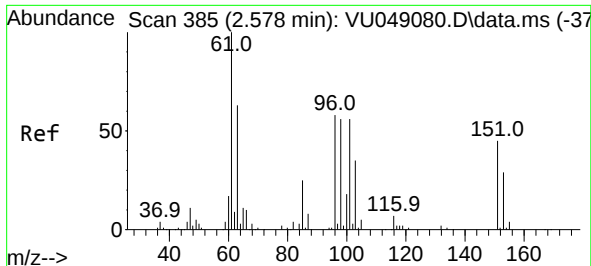
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 13 05:01:30 2022
Response via : Initial Calibration





#10

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

Concen: 0.430 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU049098.D

Acq: 12 Jun 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

C0DS0

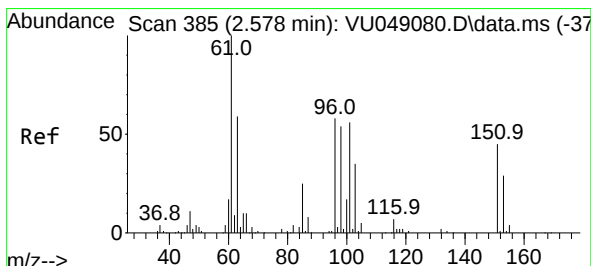
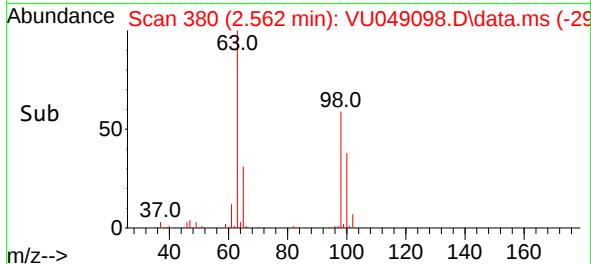
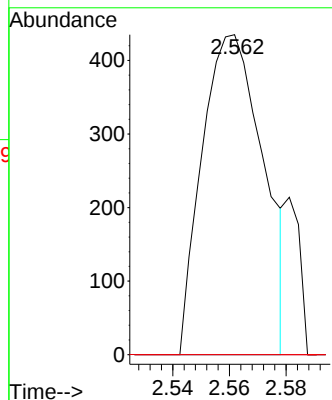
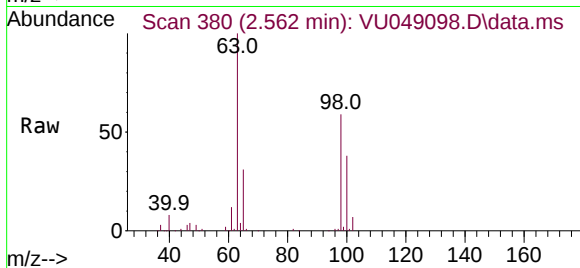
Tgt Ion:101 Resp: 651

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 0.711 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.007 min

Lab File: VU049098.D

Acq: 12 Jun 2022 17:57

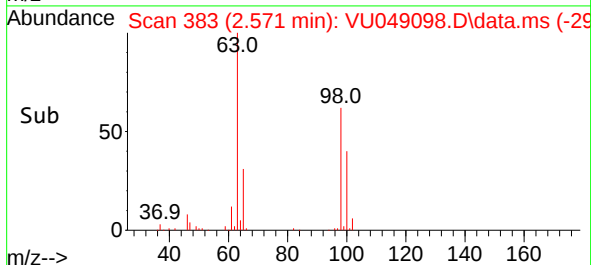
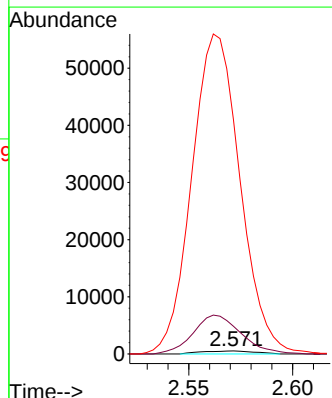
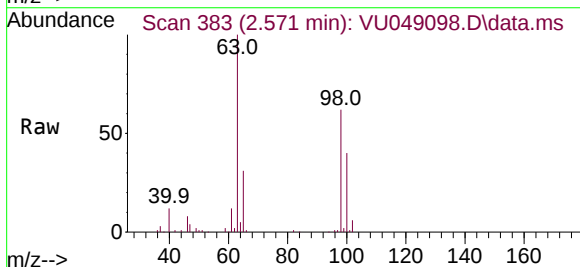
Tgt Ion: 96 Resp: 942

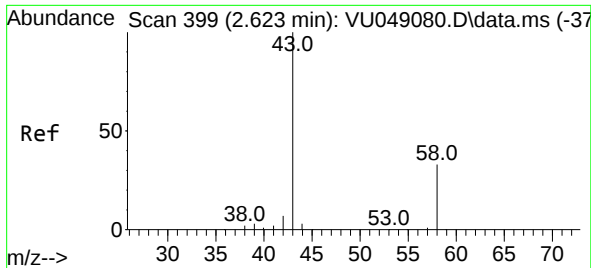
Ion Ratio Lower Upper

96 100

61 891.1 123.5 229.3#

63 7558.7 86.0 159.8#





#13

Acetone

Concen: 3.520 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049098.D

Acq: 12 Jun 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

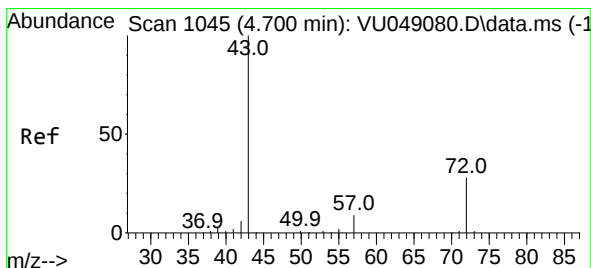
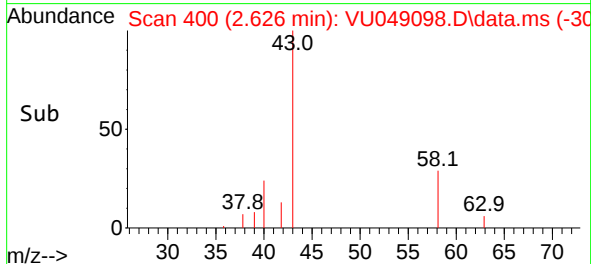
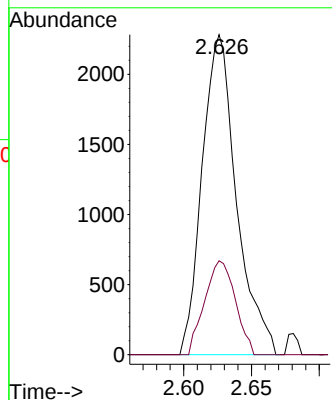
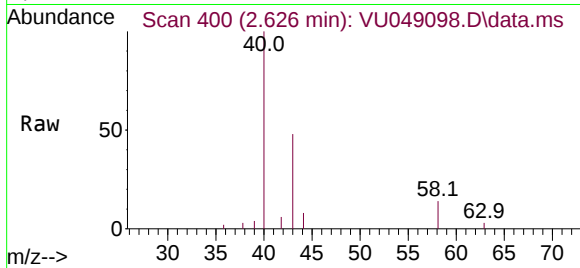
C0DS0

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 26.2 0.0 66.4



#22

2-Butanone

Concen: 2.275 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU049098.D

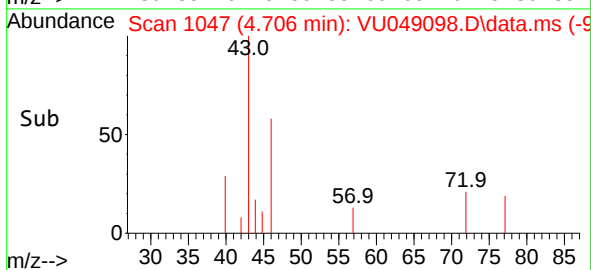
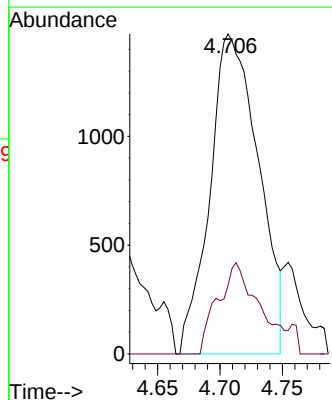
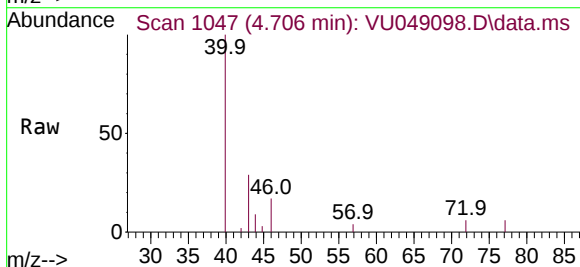
Acq: 12 Jun 2022 17:57

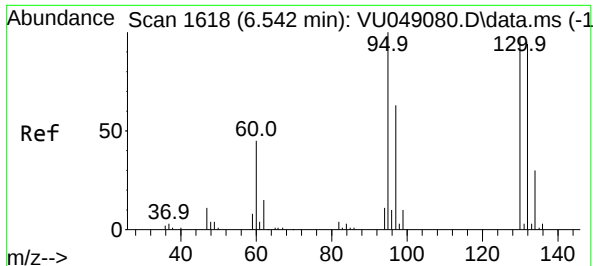
Tgt Ion: 43 Resp: 3994

Ion Ratio Lower Upper

43 100

72 17.3 13.7 41.0





#34

Trichloroethene

Concen: 5.512 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049098.D

Acq: 12 Jun 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

C0DS0

Tgt Ion: 95 Resp: 9363

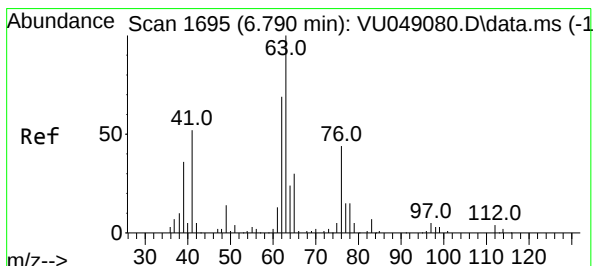
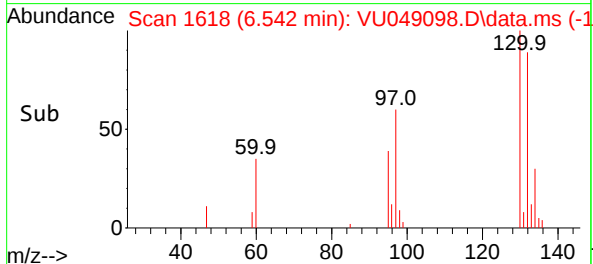
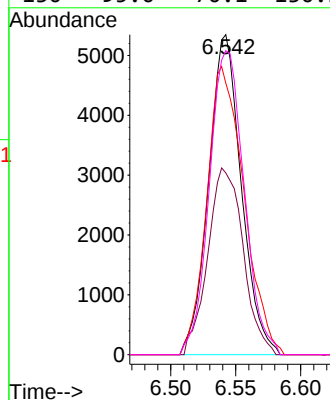
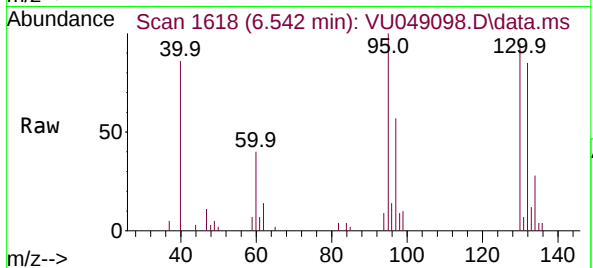
Ion Ratio Lower Upper

95 100

97 56.8 45.4 84.4

132 84.9 67.6 125.6

130 95.0 70.1 130.3



#37

1,2-Dichloropropane

Concen: 5.654 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049098.D

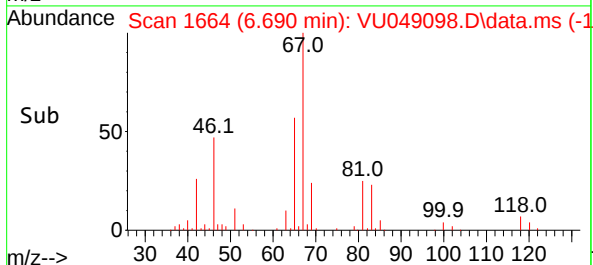
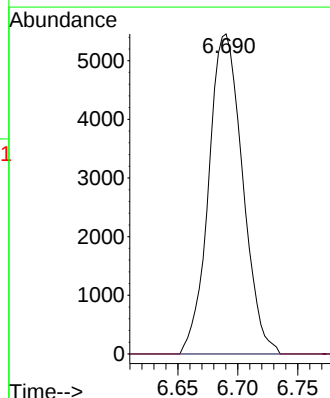
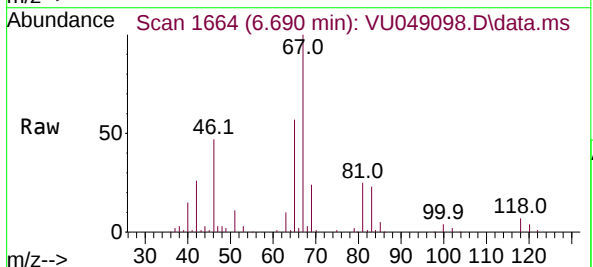
Acq: 12 Jun 2022 17:57

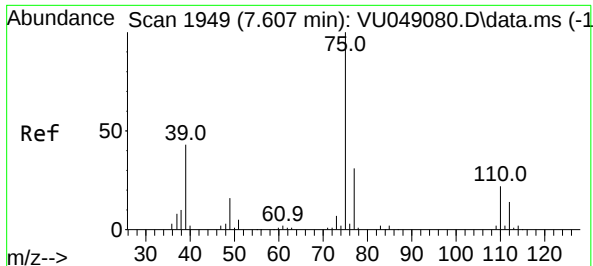
Tgt Ion: 63 Resp: 10744

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.836 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049098.D

Acq: 12 Jun 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

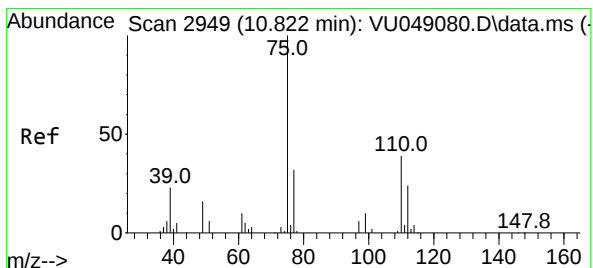
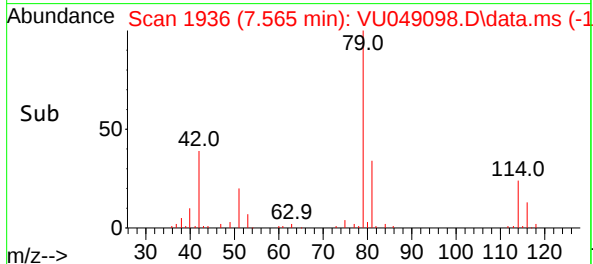
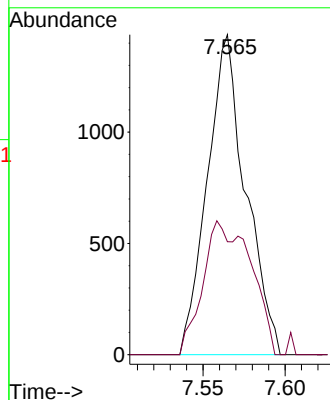
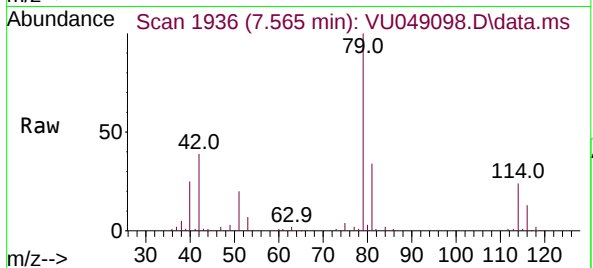
C0DS0

Tgt Ion: 75 Resp: 2338

Ion Ratio Lower Upper

75 100

77 35.3 22.6 42.0



#60

1,2,3-Trichloropropane

Concen: 4.486 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049098.D

Acq: 12 Jun 2022 17:57

Tgt Ion: 75 Resp: 9757

Ion Ratio Lower Upper

75 100

77 30.0 26.6 40.0

110 1.8 30.2 45.4#

