

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072020\
 Data File : VU039568.D
 Acq On : 20 Jul 2020 14:29
 Operator : SY/MD
 Sample : L3346-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C22

Quant Time: Jul 21 06:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 06:02:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118440	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20335	2.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.20%
7) Chloroethane-d5	1.92	69	23941	3.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.20%
11) 1,1-Dichloroethene-d2	2.58	63	34551	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	4.65	46	112827	35.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.84%
24) Chloroform-d	5.08	84	59542	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.72	65	37481	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.74	84	106547	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.70	67	37006	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.91	98	92046	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	8.19	79	13623	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.64	63	80976	32.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.18%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34238	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38832	4.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.20%

Target Compounds

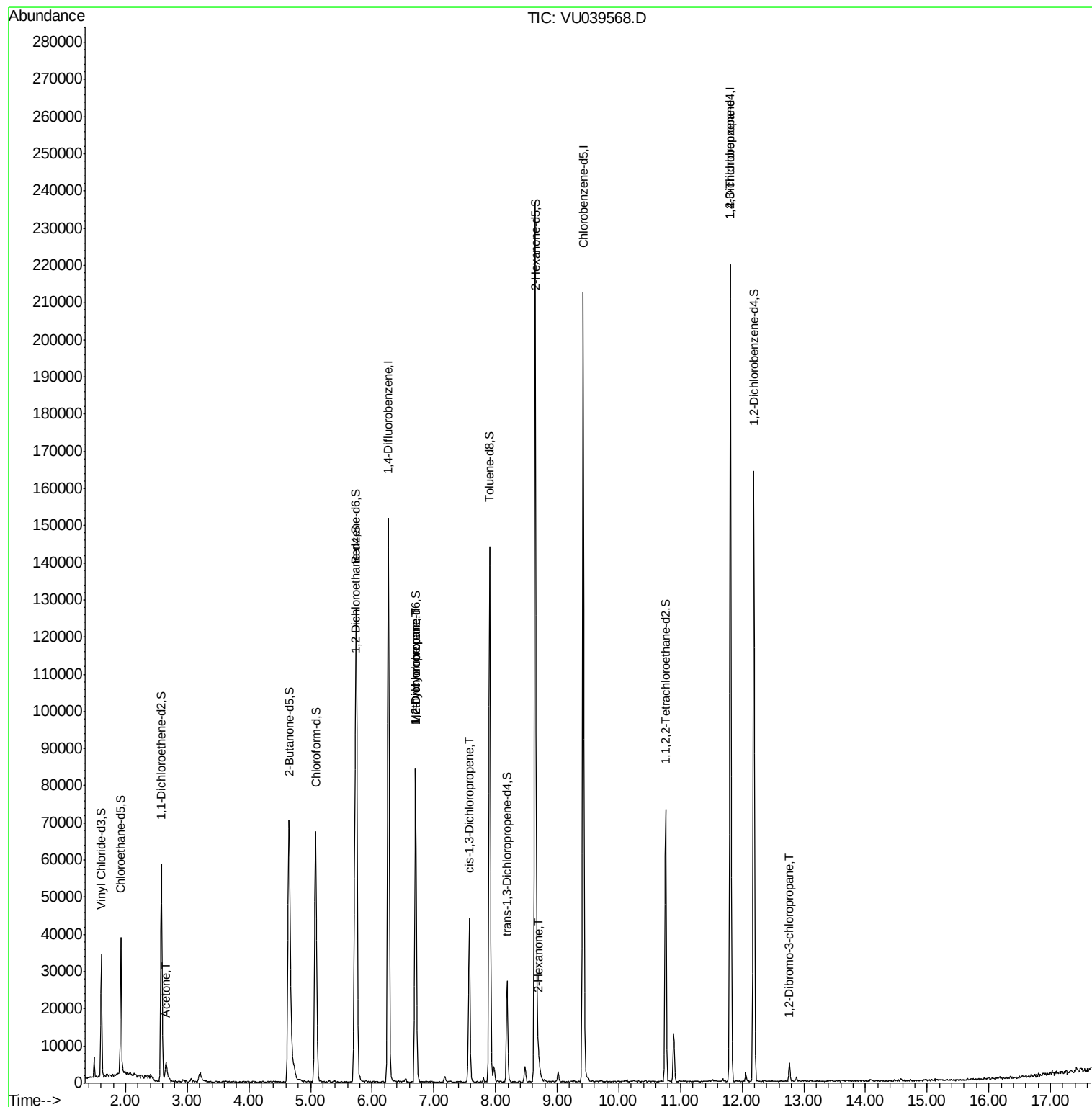
					Ovalue
13) Acetone	2.66	43	8594	5.069	ug/L 95
35) Methylcyclohexane	6.70	83	8184	0.589	ug/L # 18
37) 1,2-Dichloropropane	6.71	63	4391	0.480	ug/L # 91
39) cis-1,3-Dichloropropene	7.57	75	1470	0.106	ug/L # 63
48) 2-Hexanone	8.70	43	5173	0.920	ug/L # 88
59) 1,2,3-Trichloropropane	11.81	75	7750	1.150	ug/L # 85
66) 1,2-Dibromo-3-chloropropan	12.76	75	270	0.179	ug/L # 13

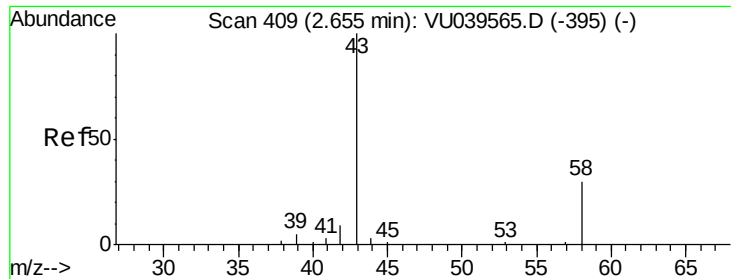
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.069 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU039568.D

Acq: 20 Jul 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

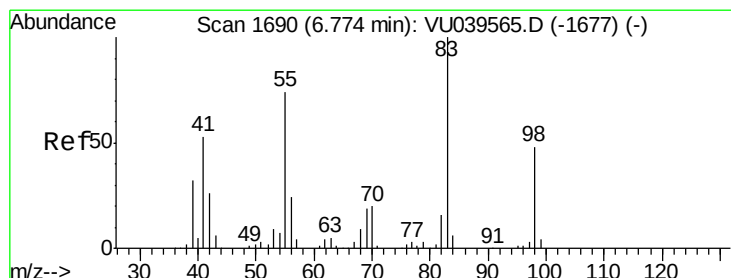
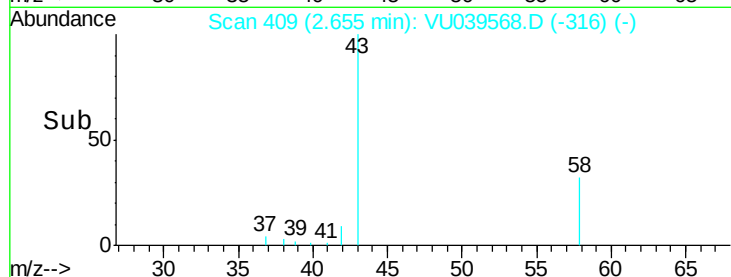
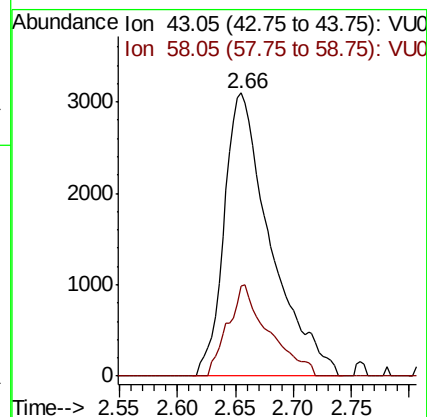
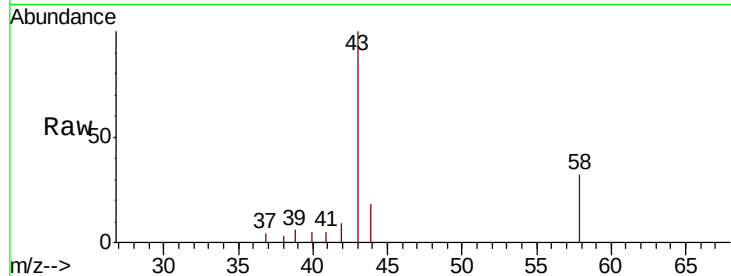
F4C22

Tot Ion: 43 Resp: 8594

Ion Ratio Lower Upper

43 100

58 28.5 0.0 62.8



#35

Methylcyclohexane

Concen: 0.589 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039568.D

Acq: 20 Jul 2020 14:29

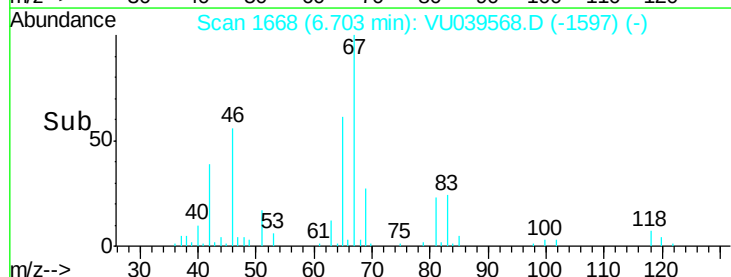
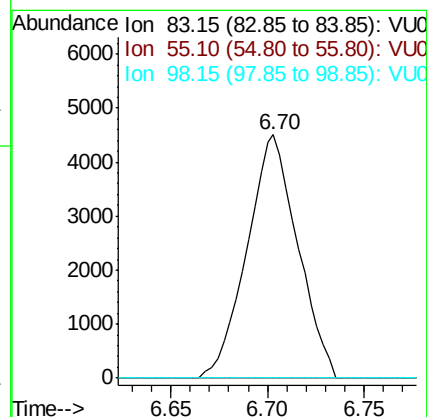
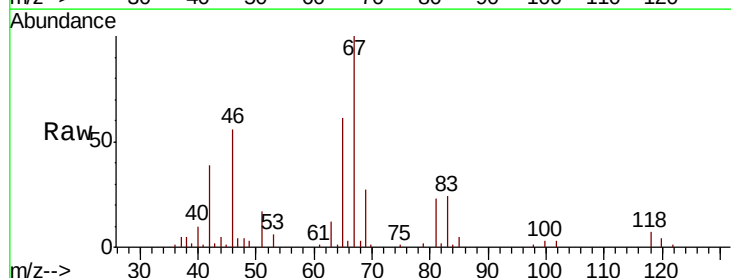
Tgt Ion: 83 Resp: 8184

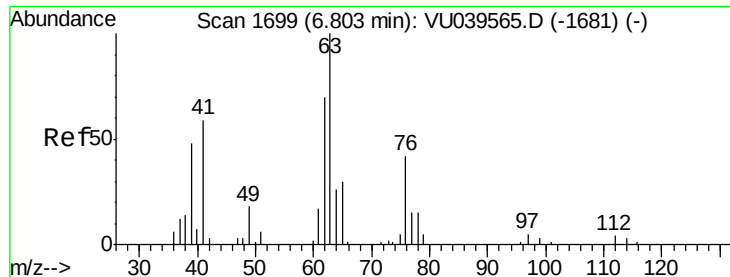
Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.0 35.9 53.9#

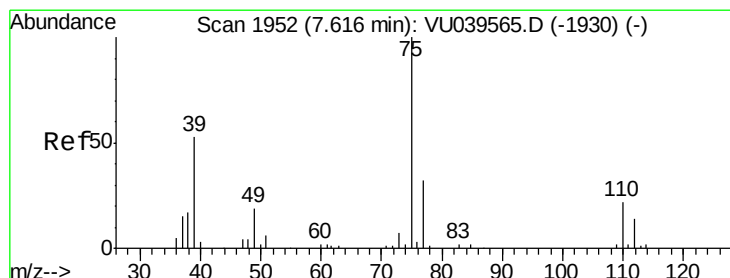
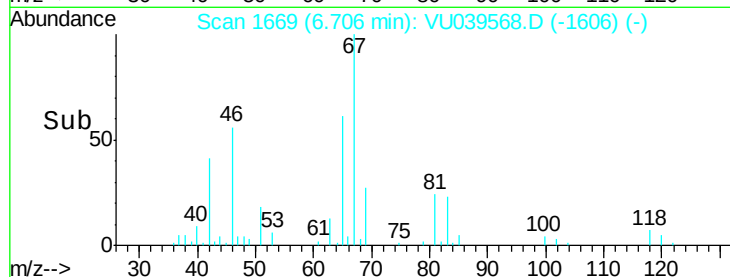
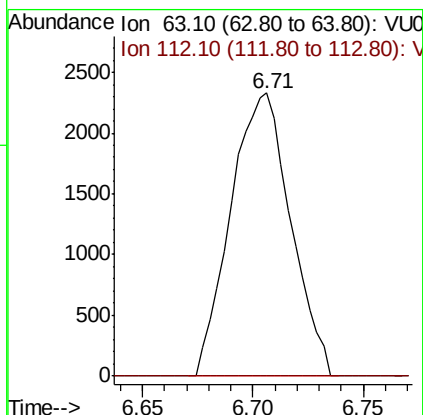
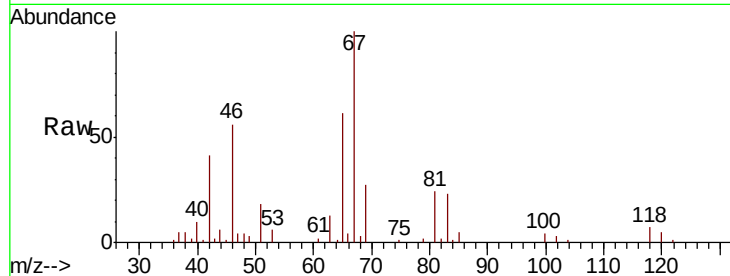




#37
 1,2-Dichloropropane
 Concen: 0.480 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039568.D
 Acq: 20 Jul 2020 14:29

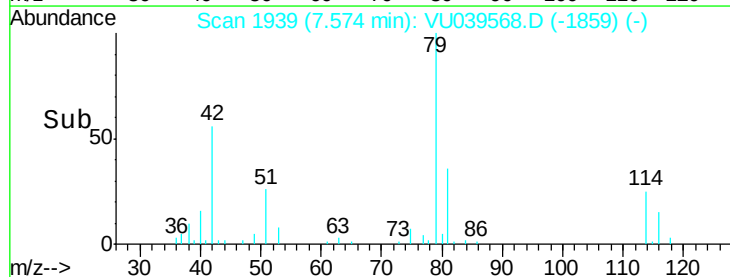
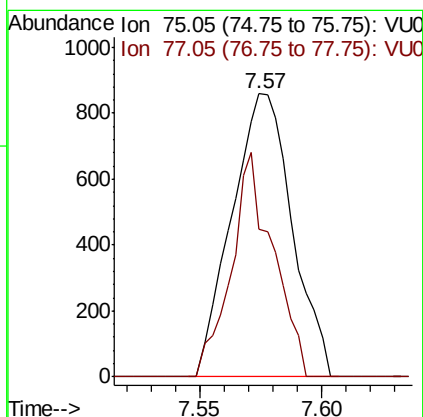
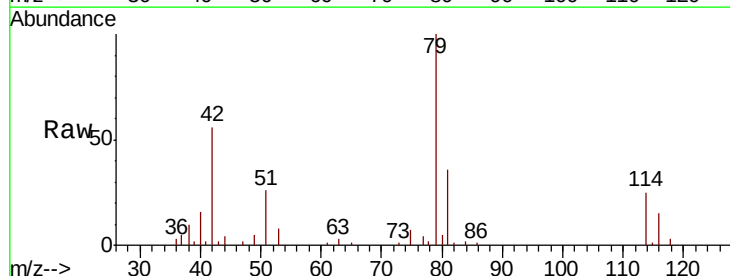
Instrument :
 MSVOA_U
 ClientSampled :
 F4C22

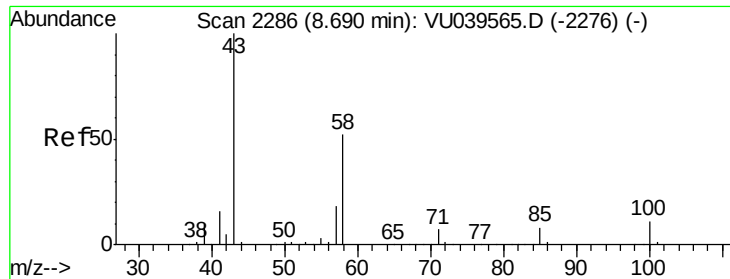
Tot Ion: 63 Resp: 4391
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039568.D
 Acq: 20 Jul 2020 14:29

Tgt Ion: 75 Resp: 1470
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.3 41.3#

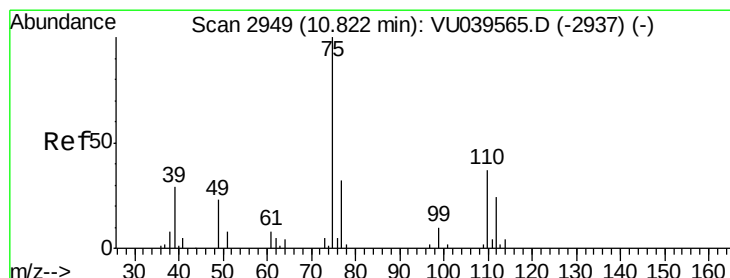
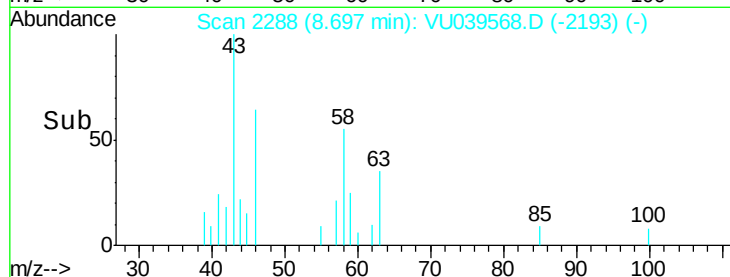
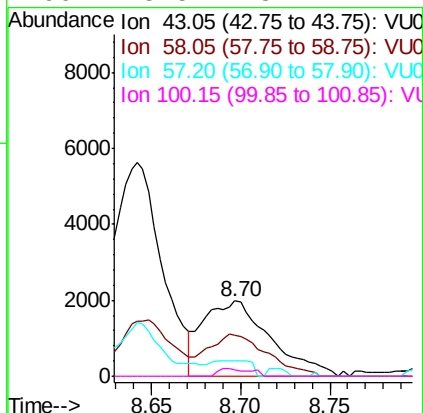
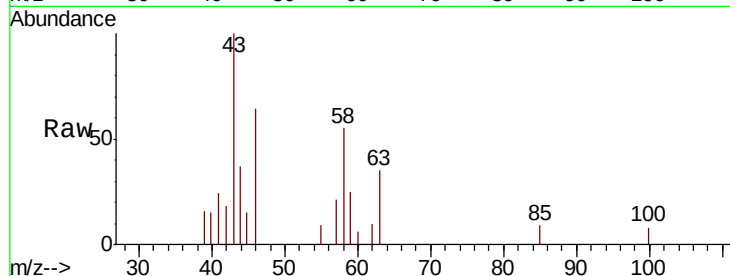




#48
 2-Hexanone
 Concen: 0.920 ug/L
 RT: 8.70 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: VU039568.D
 Acq: 20 Jul 2020 14:29

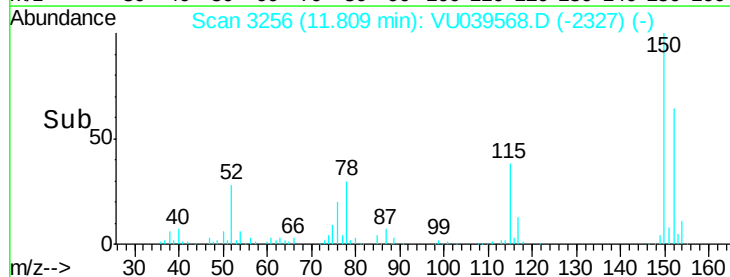
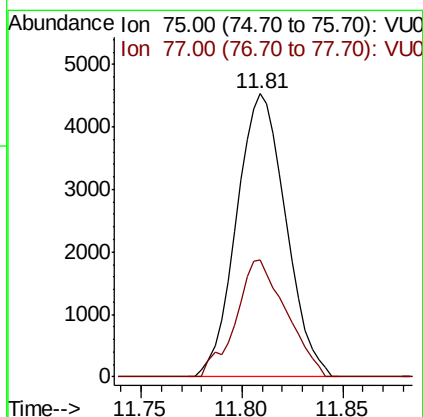
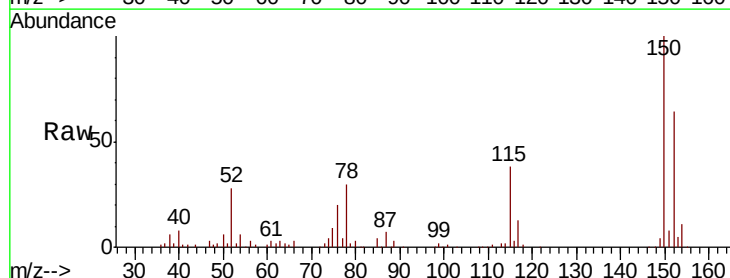
Instrument :
 MSVOA_U
 ClientSampled :
 F4C22

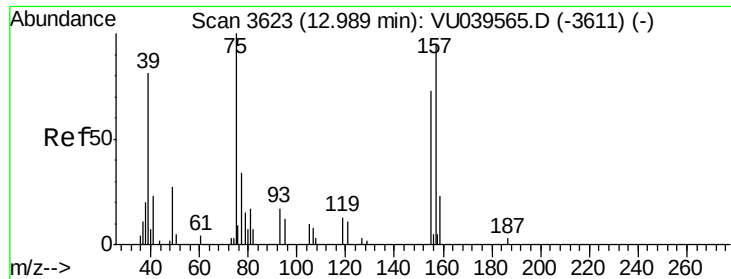
Tot Ion: 43 Resp: 5173
 Ion Ratio Lower Upper
 43 100
 58 50.4 42.0 63.0
 57 1.5 14.0 21.0#
 100 3.5 8.2 12.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.150 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039568.D
 Acq: 20 Jul 2020 14:29

Tgt Ion: 75 Resp: 7750
 Ion Ratio Lower Upper
 75 100
 77 41.9 26.8 40.2#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.179 ug/L

RT: 12.76 min Scan# 3553

Delta R.T. -0.23 min

Lab File: VU039568.D

Acq: 20 Jul 2020 14:29

Instrument :

MSVOA_U

ClientSampleId :

F4C22

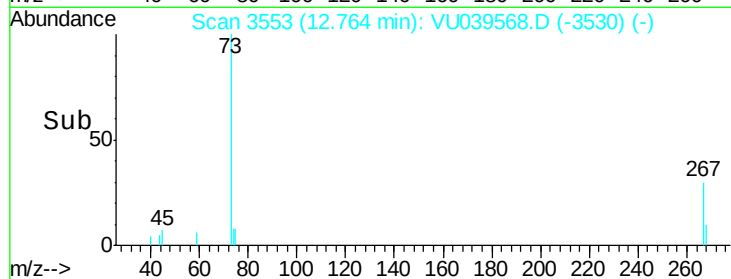
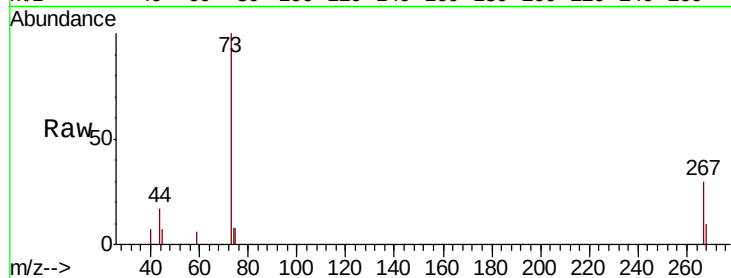
Tot Ion: 75 Resp: 270

Ion Ratio Lower Upper

75 100

155 0.0 51.9 77.9#

157 0.0 63.2 94.8#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

