

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039330.D
 Acq On : 07 Jul 2020 21:28
 Operator : SY/MD
 Sample : L3193-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4275DL

Quant Time: Jul 08 01:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36427	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.92	69	62359	8.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	175.20%#
11) 1,1-Dichloroethene-d2	2.57	63	58576	4.28	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.66	46	180232	56.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.26%
24) Chloroform-d	5.08	84	79694	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.72	65	51161	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.74	84	162316	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.70	67	55678	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.91	98	141457	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
43) trans-1,3-Dichloropropene-	8.19	79	23183	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.65	63	142770	55.95	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	51514	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56363	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	66673	6.813	ug/L	94
6) Bromomethane	1.87	94	831	0.197	ug/L	81
8) Chloroethane	1.94	64	4651	0.658	ug/L #	70
13) Acetone	2.66	43	1724	1.004	ug/L	80
16) Methylene chloride	3.06	84	3612	0.402	ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	2686	0.340	ug/L	94
19) 1,1-Dichloroethane	3.89	63	6379	0.413	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	7856	0.887	ug/L	79
25) Chloroform	5.11	83	3898	0.250	ug/L	95
33) Benzene	5.79	78	3535	0.103	ug/L	100
34) Trichloroethene	6.55	95	1219	0.137	ug/L	92
35) Methylcyclohexane	6.70	83	11945	0.838	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	6248	0.666	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1885	0.133	ug/L #	41
59) 1,2,3-Trichloropropane	11.81	75	9034	1.306	ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration

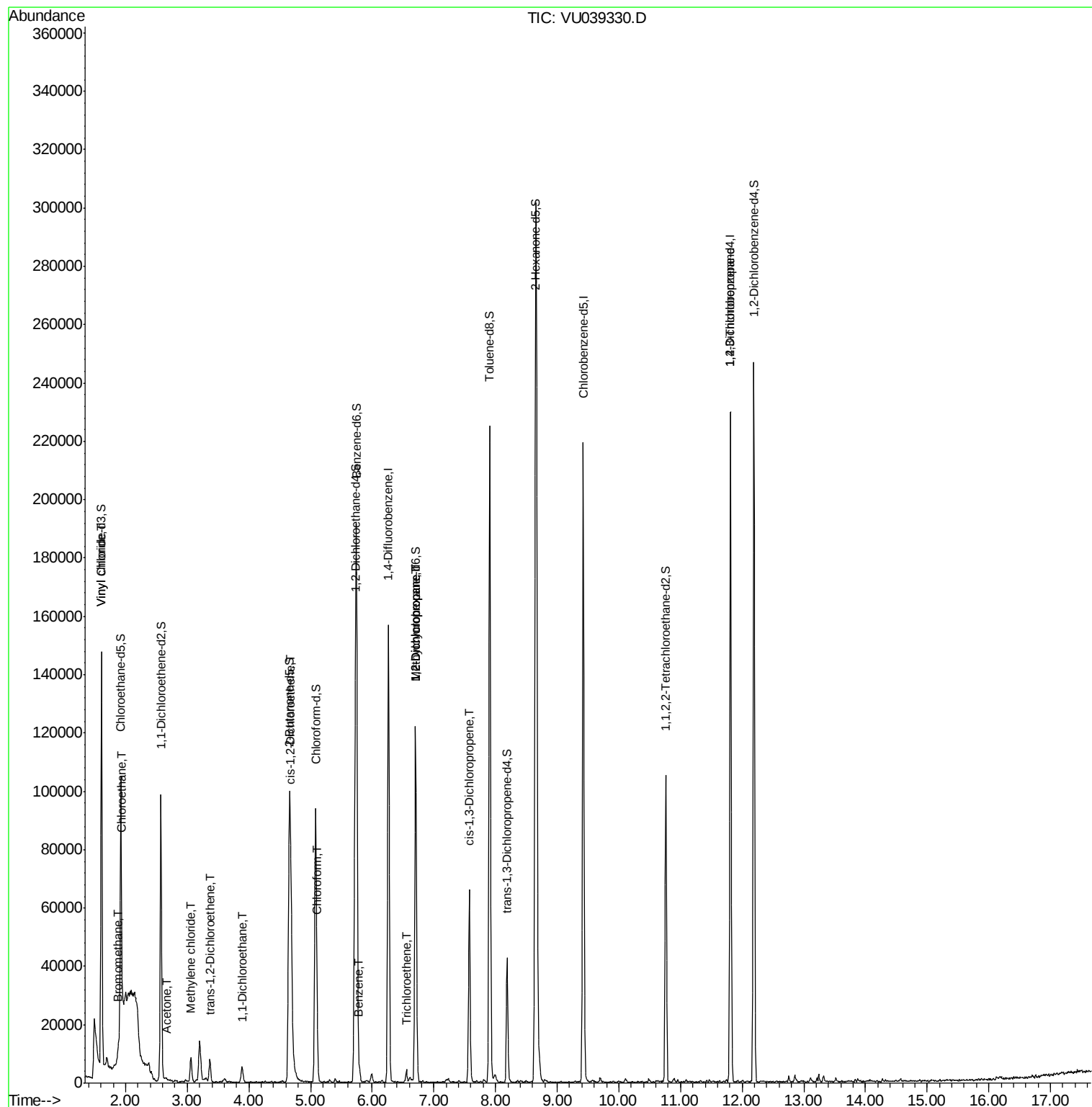
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

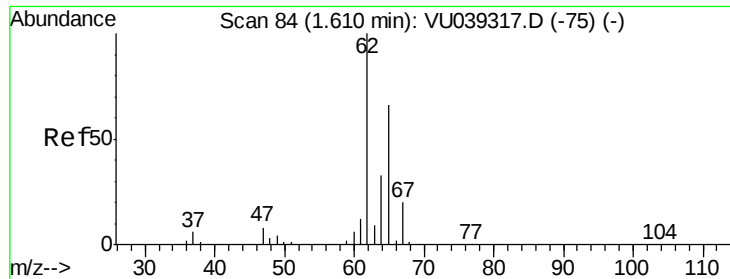
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.813 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

Instrument :

MSVOA_U

ClientSampleId :

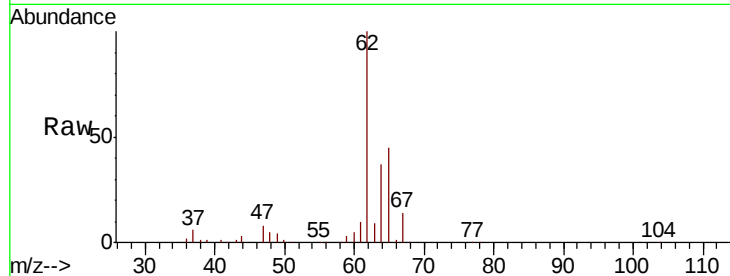
H4275DL

Tot Ion: 62 Resp: 66673

Ion Ratio Lower Upper

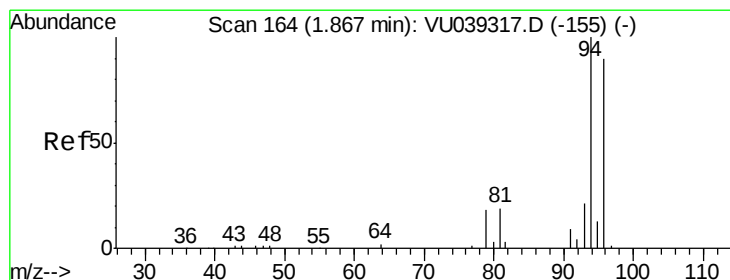
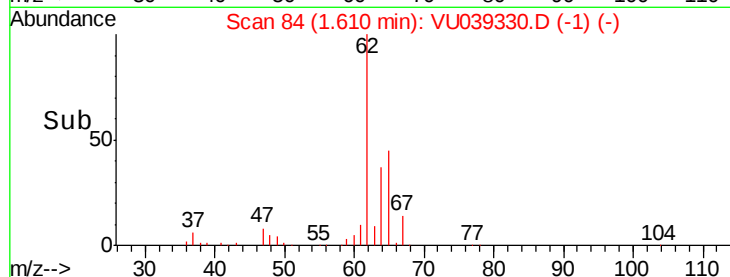
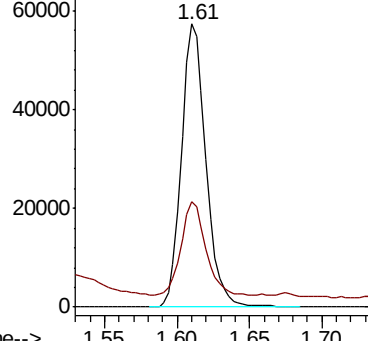
62 100

64 37.2 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU039330.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039330.D (-75) (-)



#6

Bromomethane

Concen: 0.197 ug/L

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU039330.D

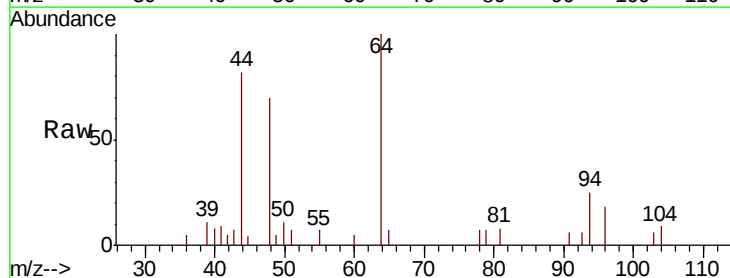
Acq: 07 Jul 2020 21:28

Tgt Ion: 94 Resp: 831

Ion Ratio Lower Upper

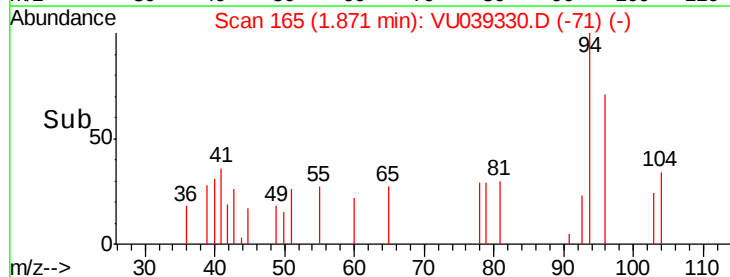
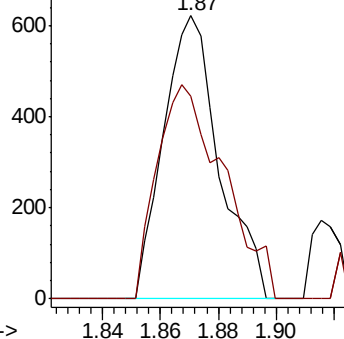
94 100

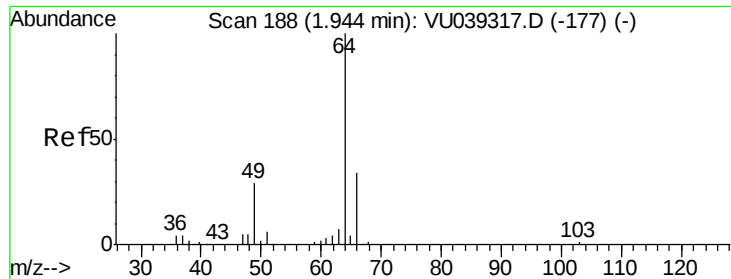
96 71.4 62.7 116.5



Abundance Ion 94.00 (93.70 to 94.70): VU039330.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU039330.D (-155) (-)

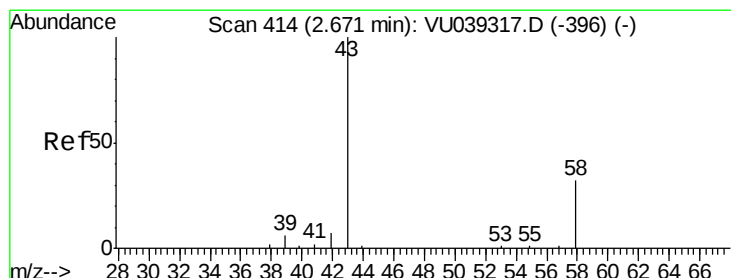
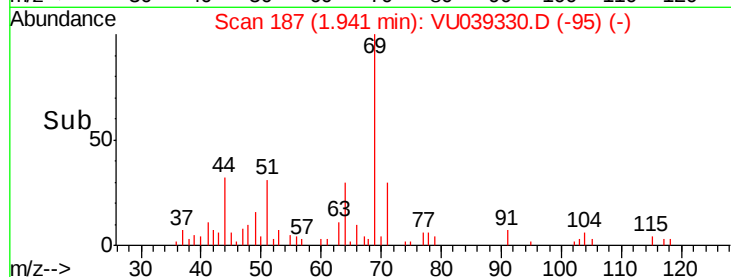
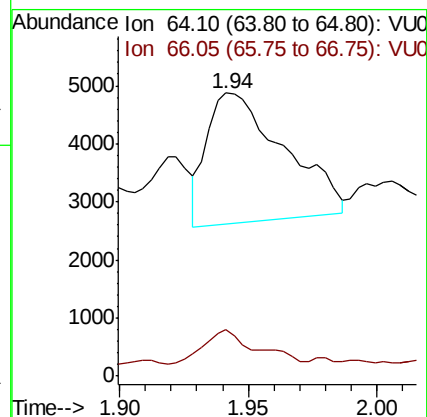
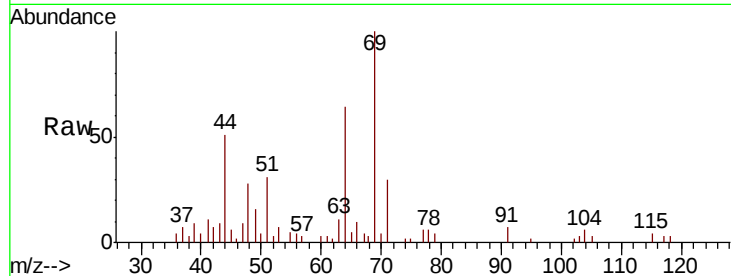




#8
Chloroethane
Concen: 0.658 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

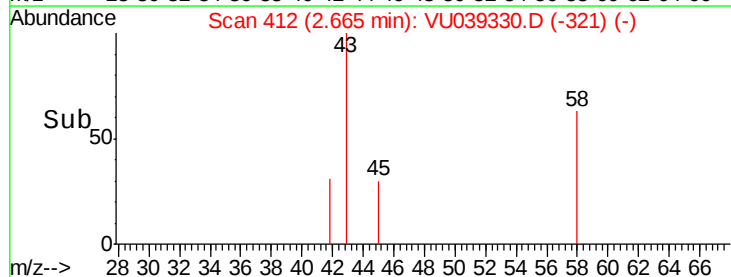
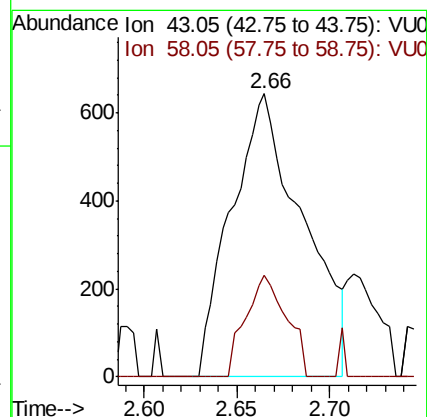
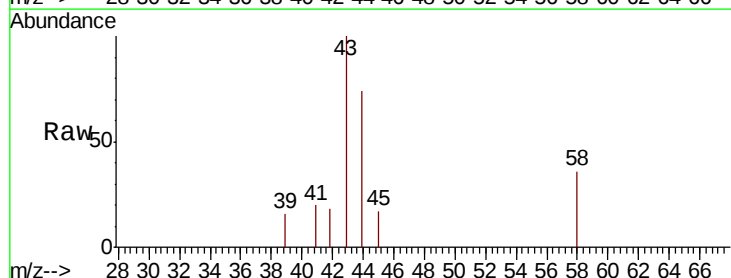
Instrument :
MSVOA_U
ClientSampleId :
H4275DL

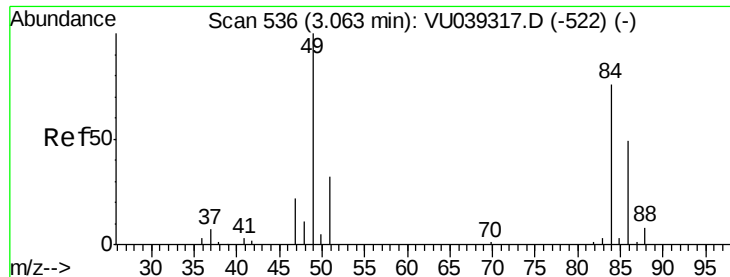
Tot Ion: 64 Resp: 4651
Ion Ratio Lower Upper
64 100
66 16.4 23.5 43.7#



#13
Acetone
Concen: 1.004 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

Tgt Ion: 43 Resp: 1724
Ion Ratio Lower Upper
43 100
58 20.5 0.0 62.8

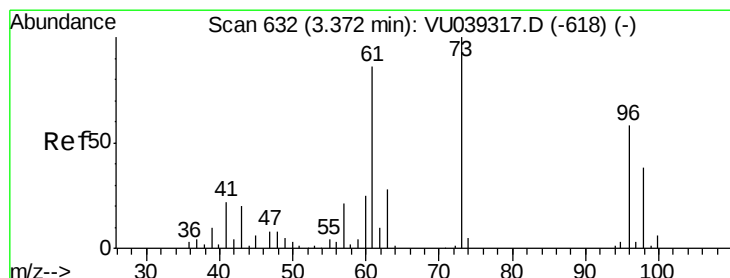
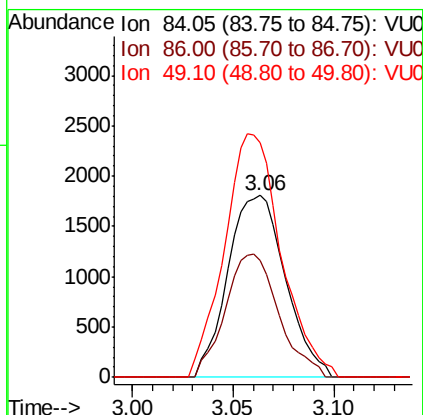
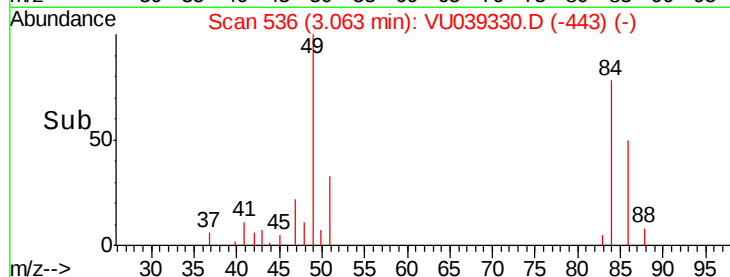
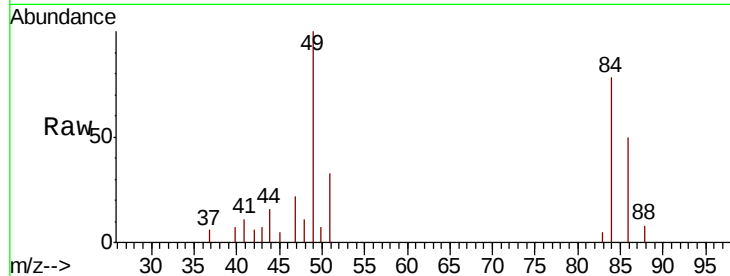




#16
Methylene chloride
Concen: 0.402 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

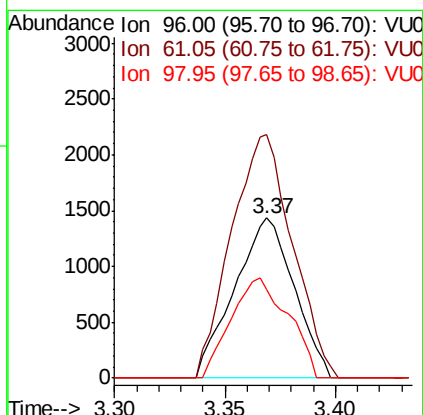
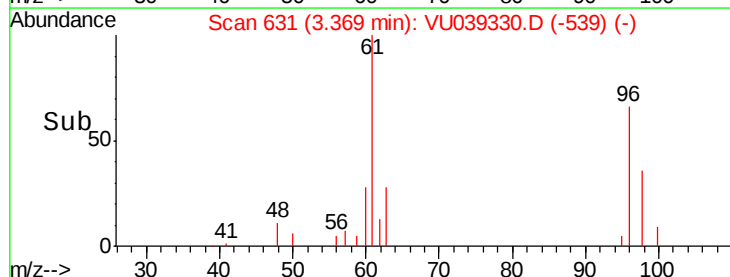
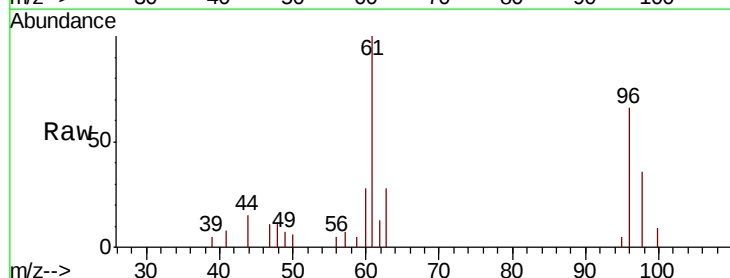
Instrument :
MSVOA_U
ClientSampled :
H4275DL

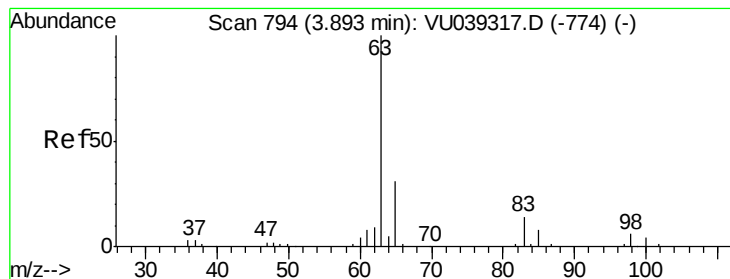
Tot Ion: 84 Resp: 3612
Ion Ratio Lower Upper
84 100
86 64.4 43.5 80.9
49 138.4 91.1 169.1



#18
trans-1,2-Dichloroethene
Concen: 0.340 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

Tgt Ion: 96 Resp: 2686
Ion Ratio Lower Upper
96 100
61 152.0 102.1 189.5
98 55.1 42.5 78.9





#19

1,1-Dichloroethane

Concen: 0.413 ug/L

RT: 3.89 min Scan# 793

Delta R.T. -0.00 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

Instrument :

MSVOA_U

ClientSampleId :

H4275DL

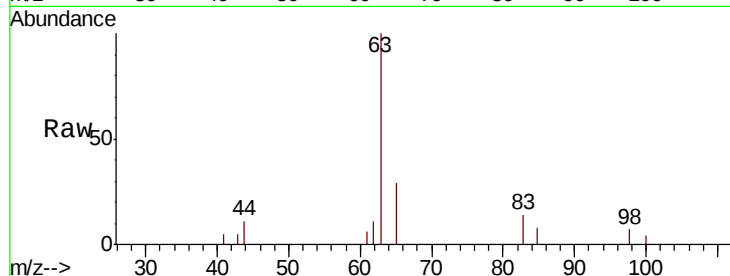
Tot Ion: 63 Resp: 6379

Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.6

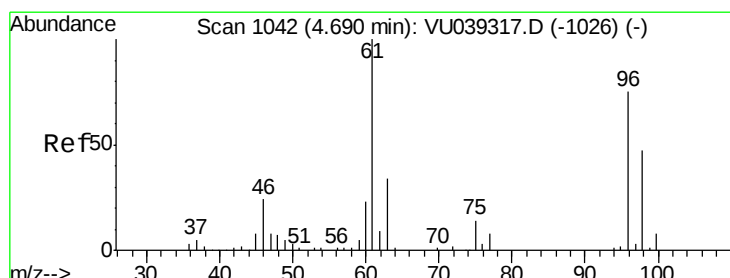
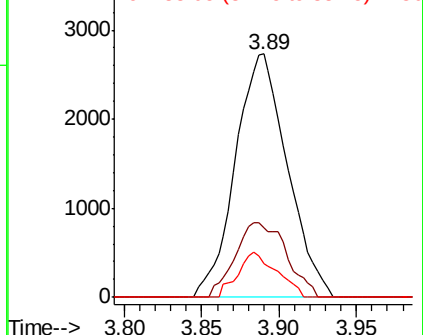
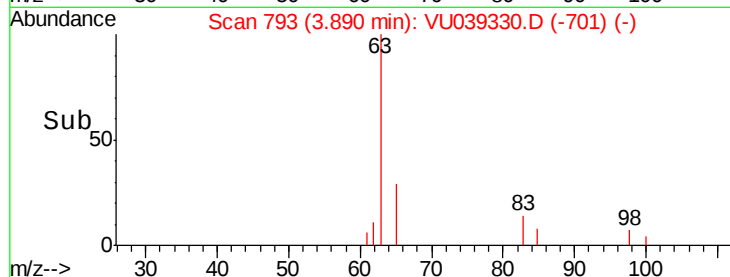
83 14.1 9.6 17.8



Abundance Ion 63.10 (62.80 to 63.80): VU039330.D (-701) (-)

Ion 65.10 (64.80 to 65.80): VU039330.D (-701) (-)

Ion 83.05 (82.75 to 83.75): VU039330.D (-701) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.887 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

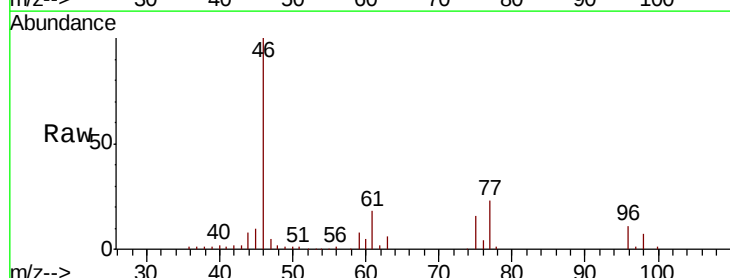
Tgt Ion: 96 Resp: 7856

Ion Ratio Lower Upper

96 100

61 157.7 92.8 172.4

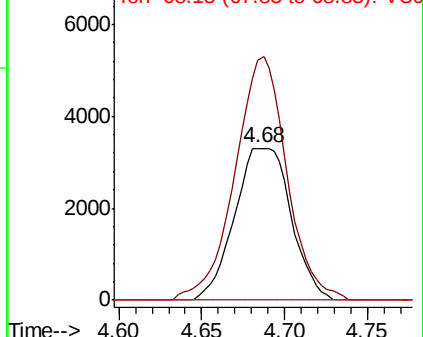
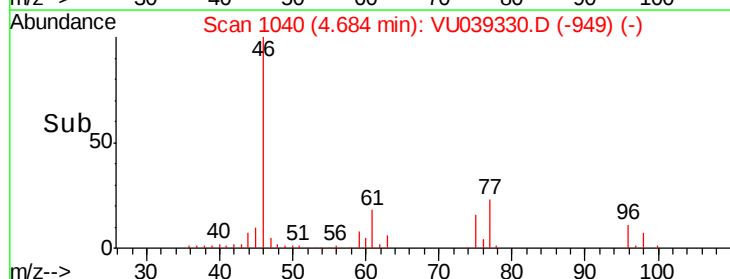
68 0.0 0.0 0.0

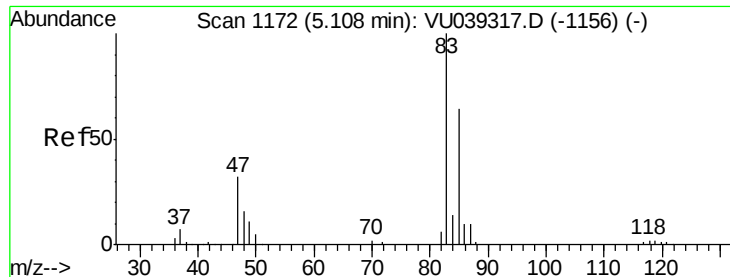


Abundance Ion 96.00 (95.70 to 96.70): VU039330.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU039330.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU039330.D (-949) (-)

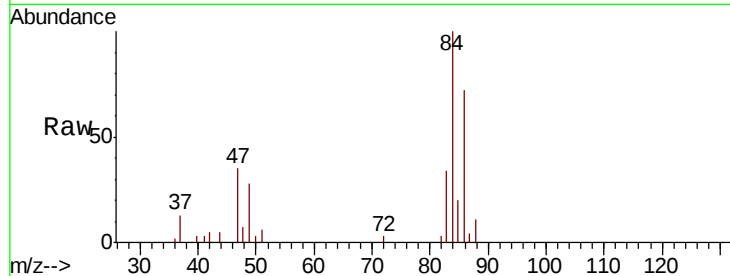




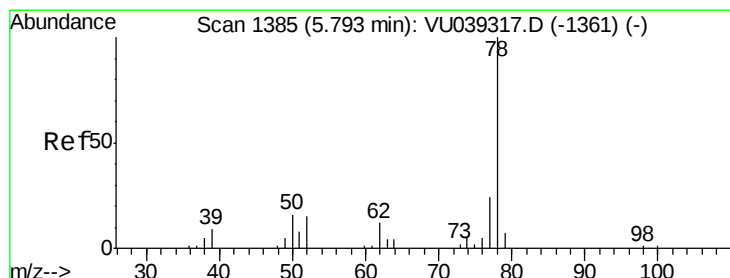
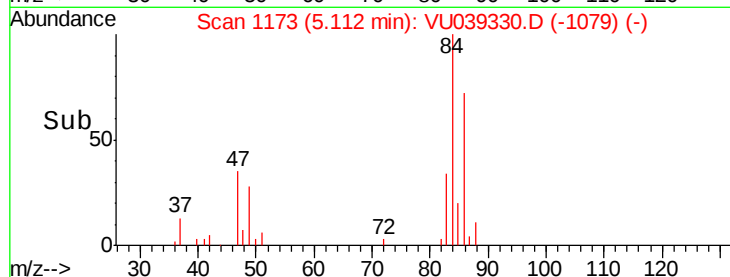
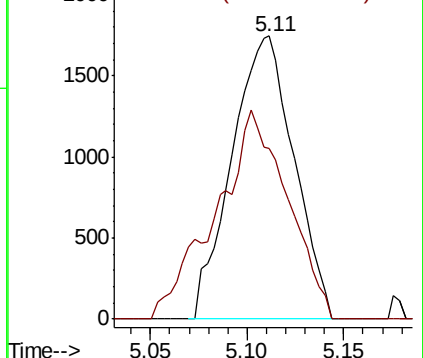
#25
Chloroform
Concen: 0.250 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

Instrument :
MSVOA_U
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Tot Ion: 83 Resp: 3898
Ion Ratio Lower Upper
83 100
85 60.4 44.9 83.5

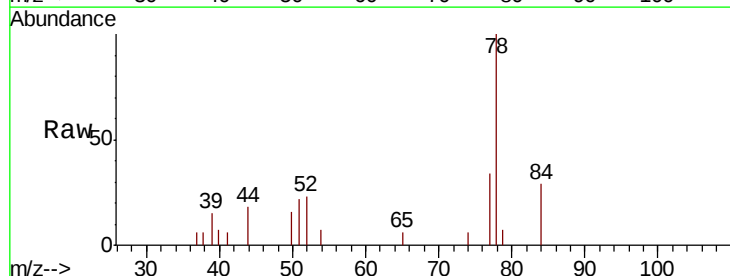


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

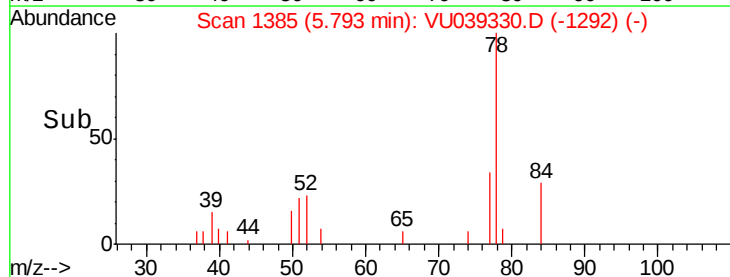
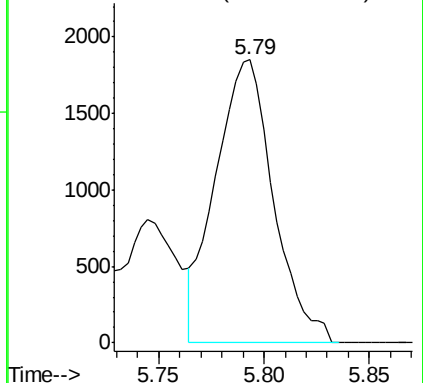


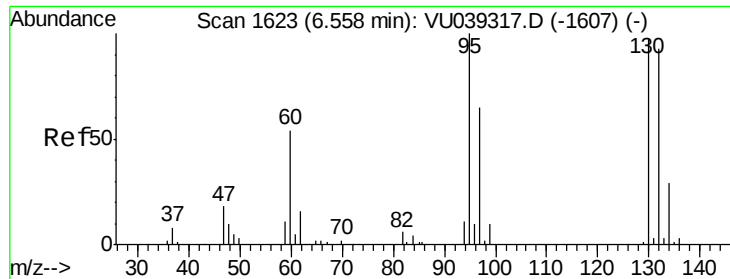
#33
Benzene
Concen: 0.103 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

Tgt Ion: 78 Resp: 3535



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.137 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.01 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

Instrument :

MSVOA_U

ClientSampled :

H4275DL

Tot Ion: 95 Resp: 1219

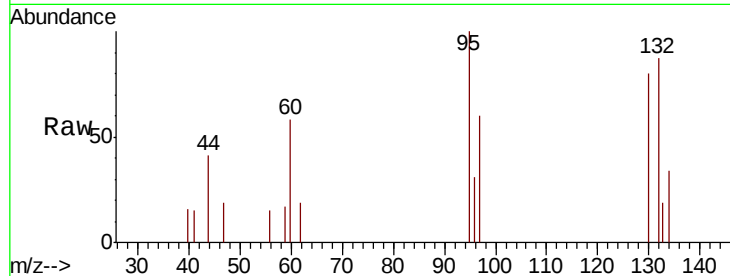
Ion Ratio Lower Upper

95 100

97 60.0 46.3 85.9

132 86.6 64.0 118.8

130 80.4 64.3 119.5

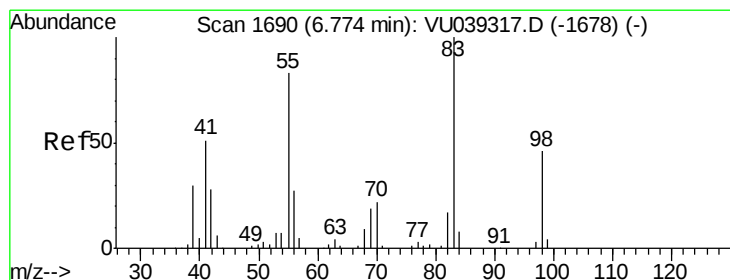
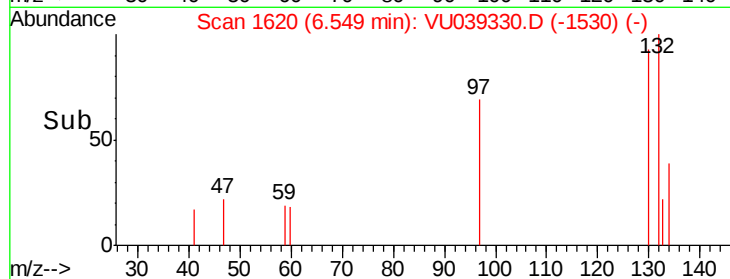
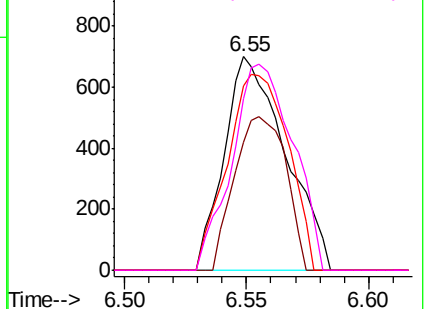


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.838 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

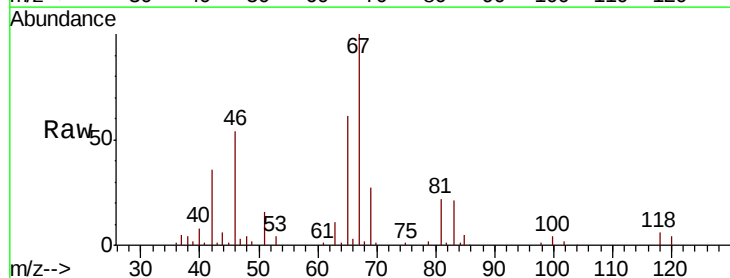
Tgt Ion: 83 Resp: 11945

Ion Ratio Lower Upper

83 100

55 0.2 62.1 93.1#

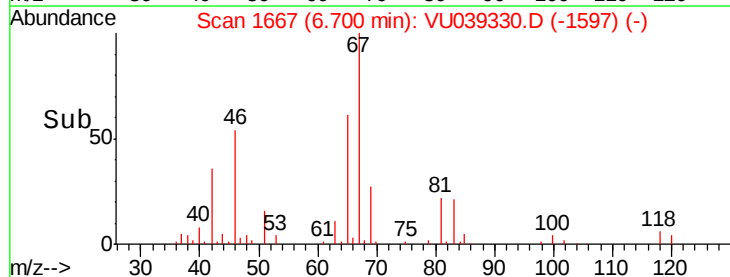
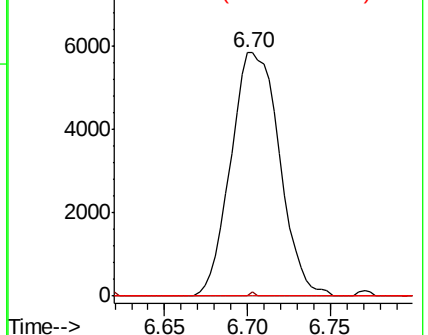
98 0.0 35.9 53.9#

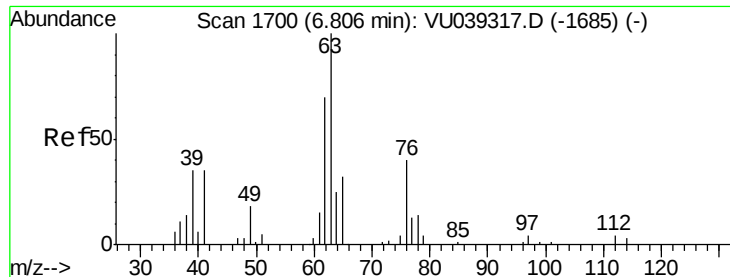


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

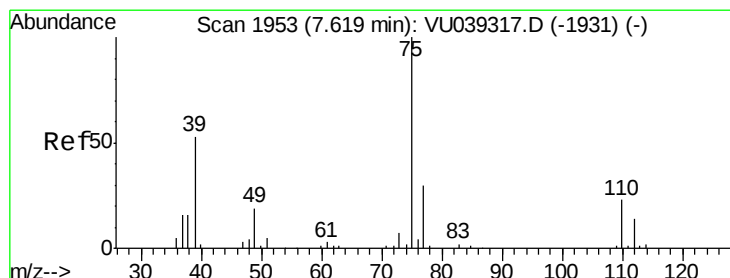
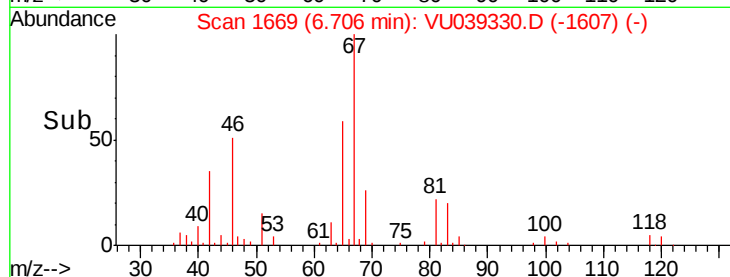
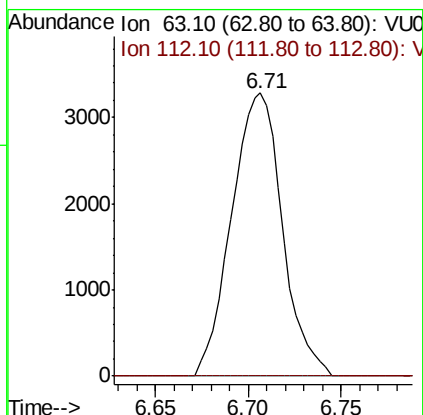
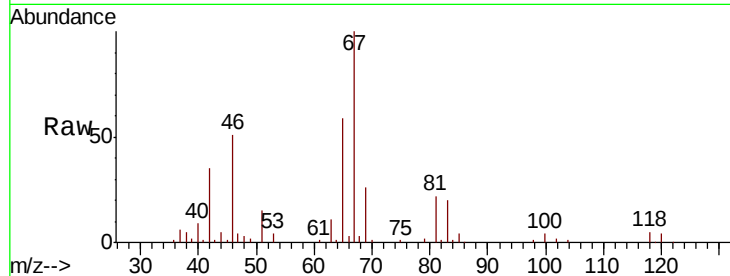




#37
 1,2-Dichloropropane
 Concen: 0.666 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039330.D
 Acq: 07 Jul 2020 21:28

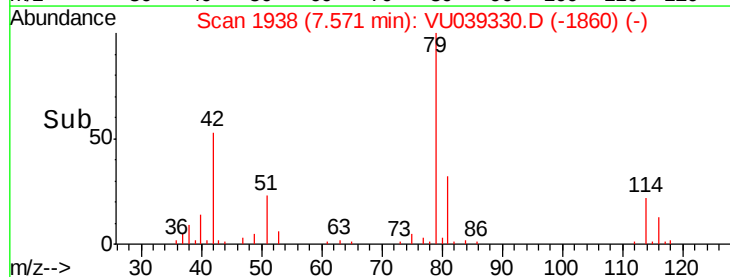
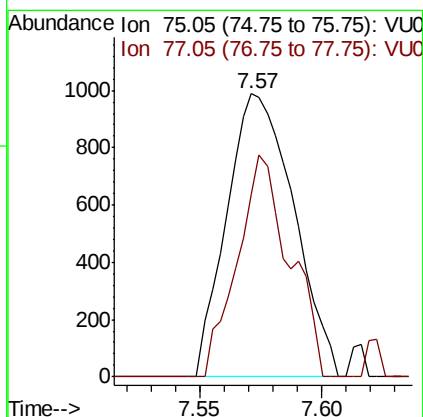
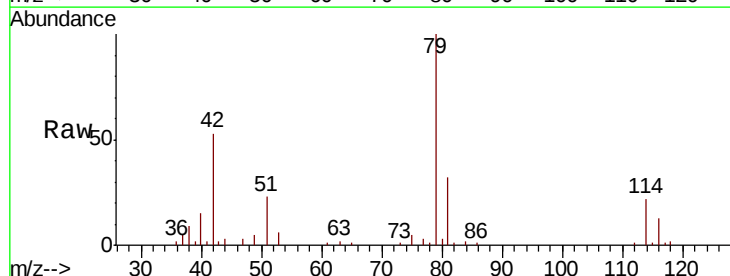
Instrument :
 MSVOA_U
 ClientSampleId :
 H4275DL

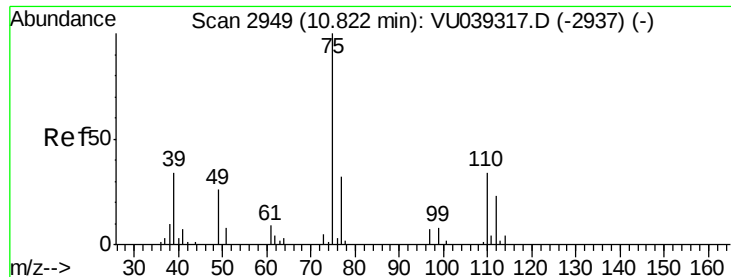
Tot Ion: 63 Resp: 6248
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.133 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039330.D
 Acq: 07 Jul 2020 21:28

Tgt Ion: 75 Resp: 1885
 Ion Ratio Lower Upper
 75 100
 77 64.6 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.306 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

Instrument :

MSVOA_U

ClientSampleId :

H4275DL

Tot Ion: 75 Resp: 9034

Ion Ratio Lower Upper

75 100

77 32.7 26.8 40.2

