

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039460.D
 Acq On : 11 Jul 2020 03:56
 Operator : SY/MD
 Sample : L3268-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 05:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 05:00:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	88671	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83247	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18124	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.92	69	25073	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	30572	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.65	46	139374	59.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.54%
24) Chloroform-d	5.09	84	54118	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.72	65	35964	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.75	84	101340	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.70	67	36449	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	84806	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	13310	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	98873	53.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36222	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	36676	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

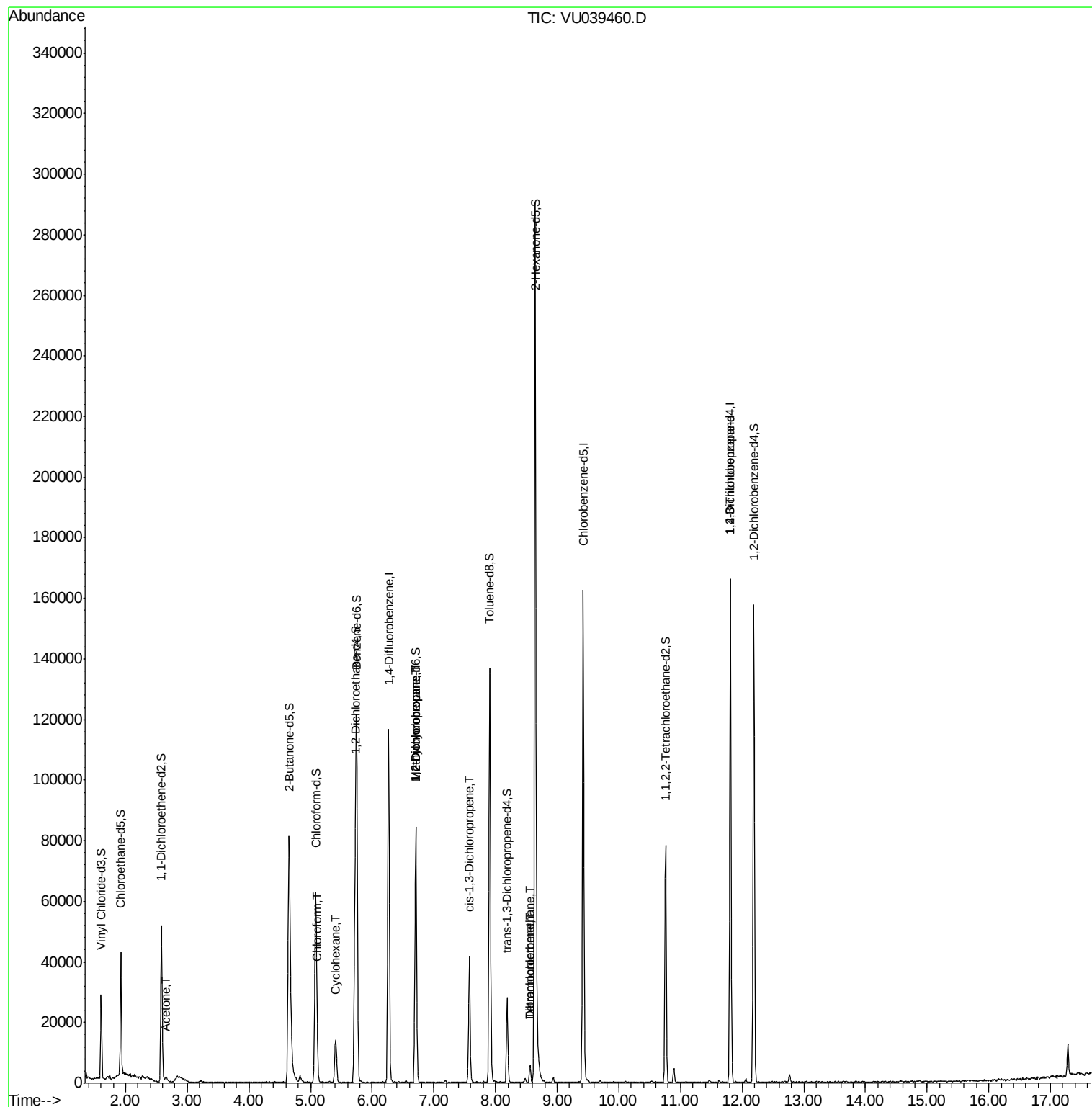
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	3235	2.549	ug/L	82
25) Chloroform	5.11	83	3047	0.264	ug/L	95
30) Cyclohexane	5.41	56	7335	0.711	ug/L	99
35) Methylcyclohexane	6.71	83	7743	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4569	0.673	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1299	0.127	ug/L	93
47) Tetrachloroethene	8.56	164	1140	0.255	ug/L	91
49) Dibromochloromethane	8.56	129	1062	0.180	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6355	1.271	ug/L	90

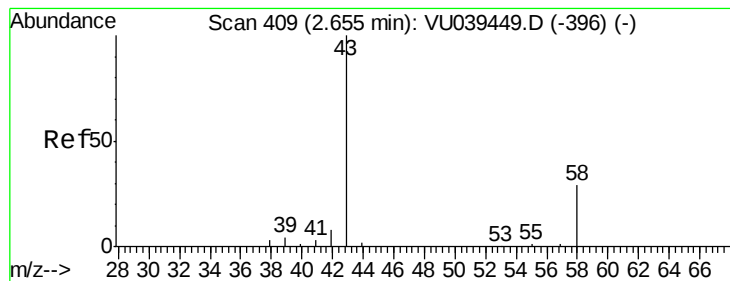
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 05:00:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.549 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU039460.D

Acq: 11 Jul 2020 03:56

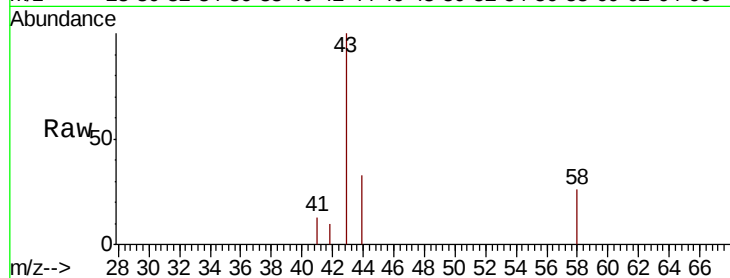
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

58 21.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039449.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039449.D (-396) (-)

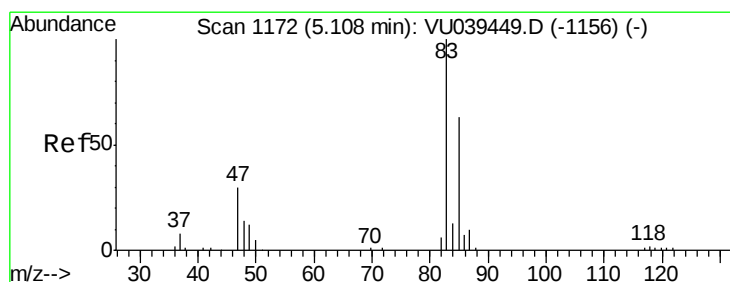
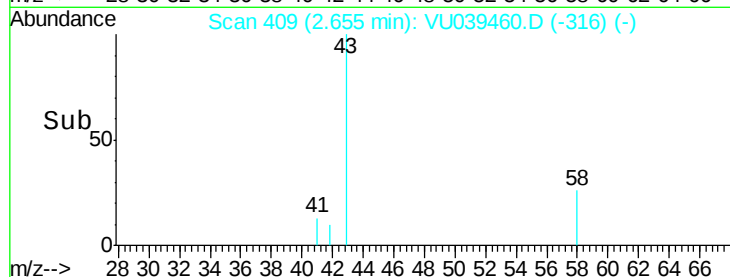
2.66

1000

500

0

Time--> 2.60 2.65 2.70 2.75



#25

Chloroform

Concen: 0.264 ug/L

RT: 5.11 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VU039460.D

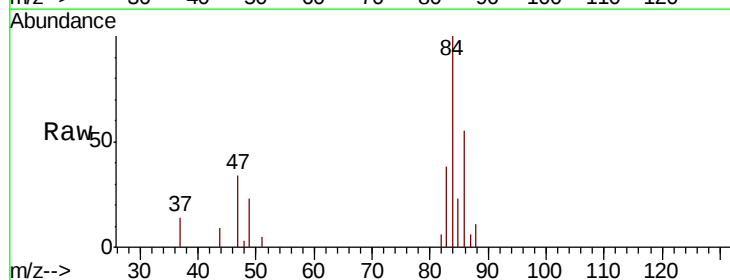
Acq: 11 Jul 2020 03:56

Tgt Ion: 83 Resp: 3047

Ion Ratio Lower Upper

83 100

85 60.1 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039449.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU039449.D (-1156) (-)

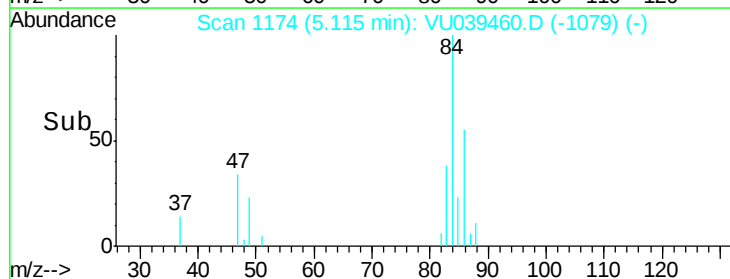
1500

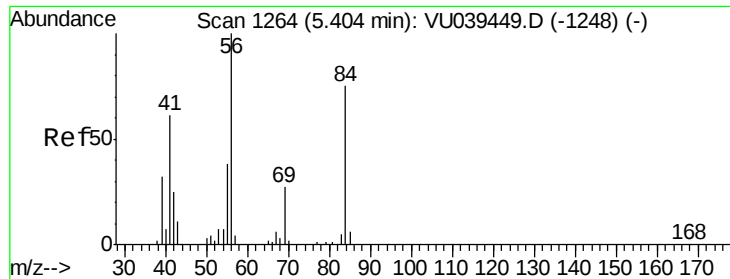
1000

500

0

Time--> 5.05 5.10 5.15

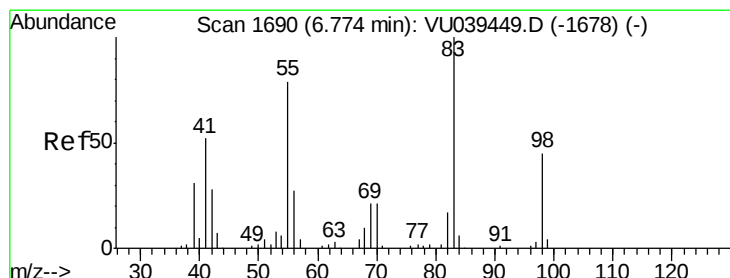
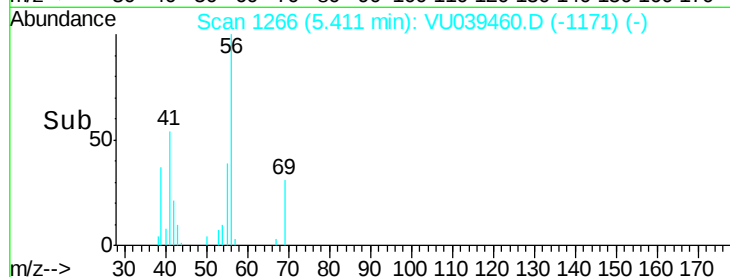
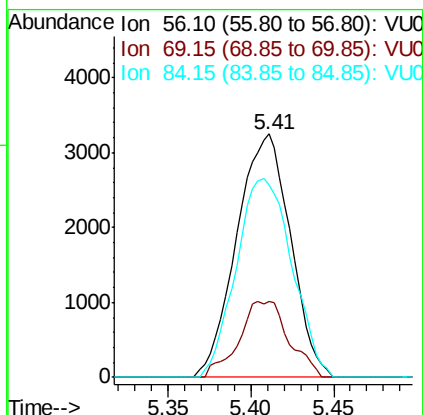
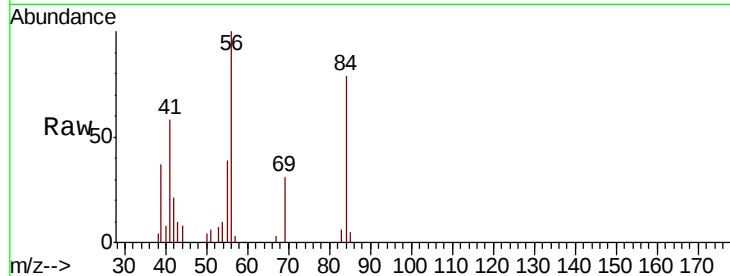




#30
Cyclohexane
Concen: 0.711 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VU039460.D
Acq: 11 Jul 2020 03:56

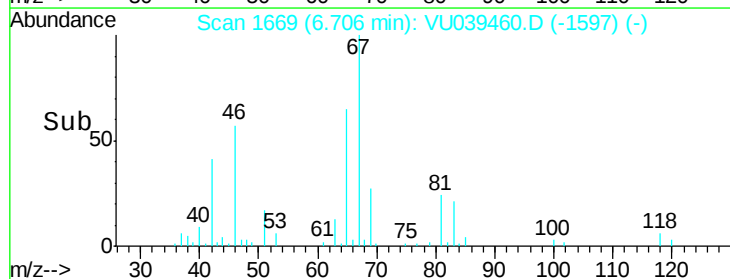
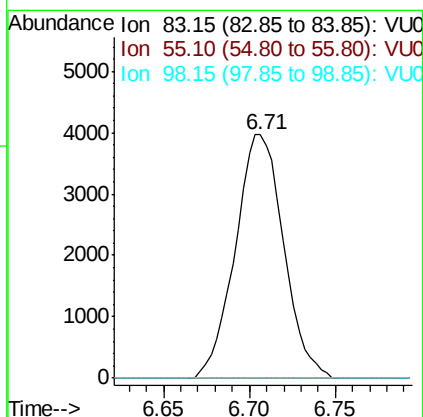
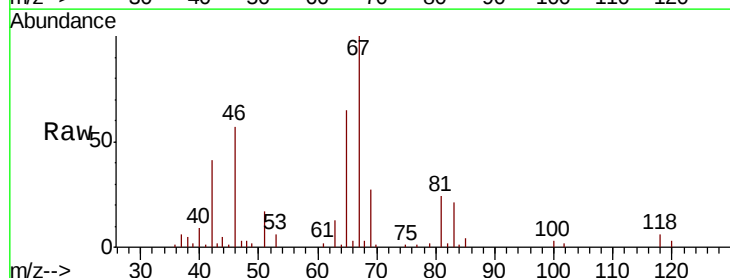
Instrument :
MSVOA_U
ClientSampleId :

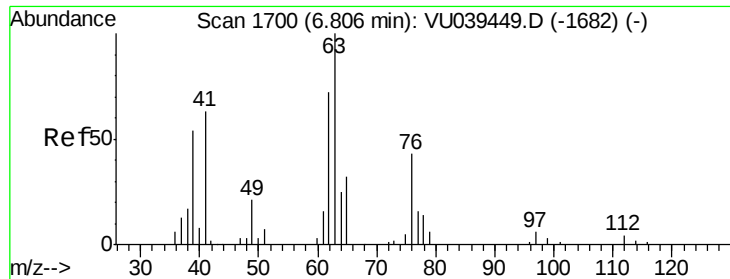
Tot Ion: 56 Resp: 7335
Ion Ratio Lower Upper
56 100
69 29.0 24.1 36.1
84 84.9 67.0 100.6



#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039460.D
Acq: 11 Jul 2020 03:56

Tgt Ion: 83 Resp: 7743
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

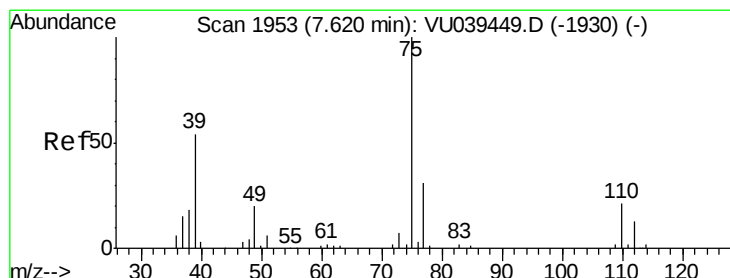
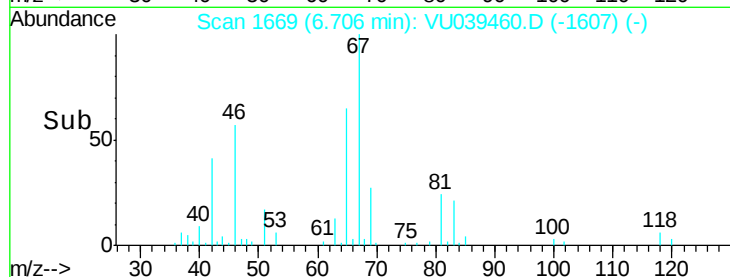
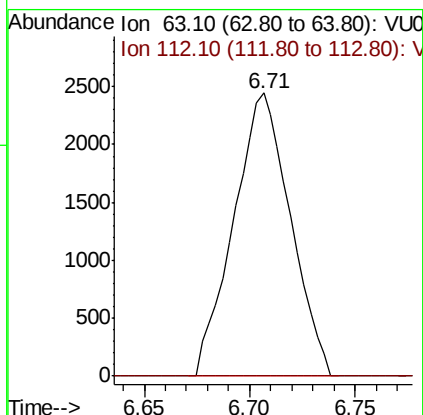
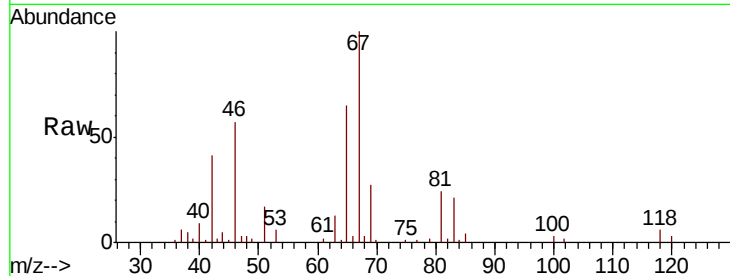




#37
 1,2-Dichloropropane
 Concen: 0.673 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039460.D
 Acq: 11 Jul 2020 03:56

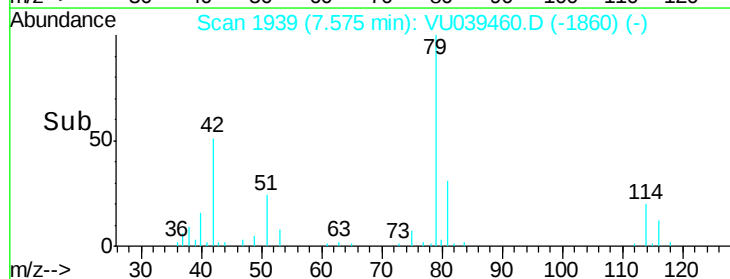
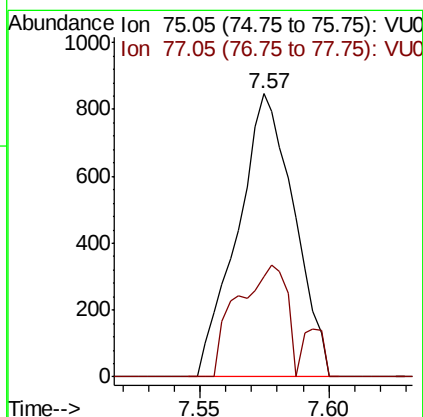
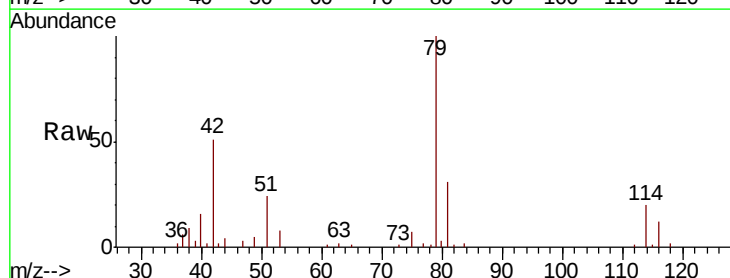
Instrument :
 MSVOA_U
 ClientSampled :

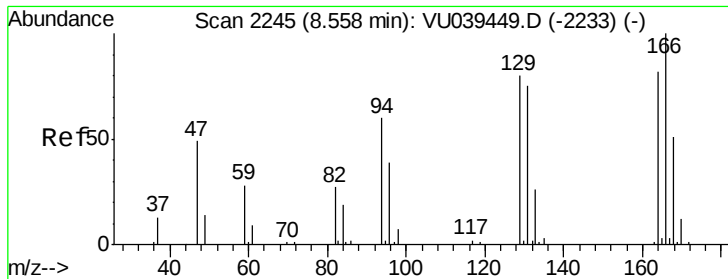
Tot Ion: 63 Resp: 4569
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039460.D
 Acq: 11 Jul 2020 03:56

Tgt Ion: 75 Resp: 1299
 Ion Ratio Lower Upper
 75 100
 77 35.7 22.3 41.3





#47

Tetrachloroethene

Concen: 0.255 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039460.D

Acq: 11 Jul 2020 03:56

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 1140

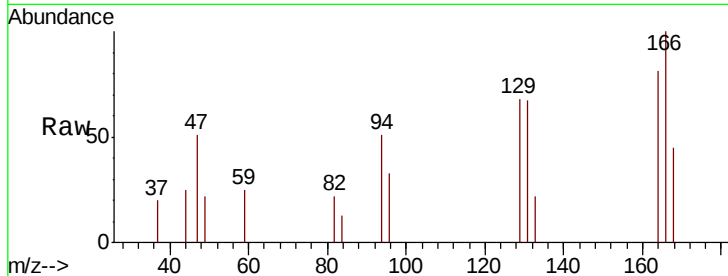
Ion Ratio Lower Upper

164 100

129 83.9 68.6 127.4

131 82.8 66.4 123.4

166 124.0 85.9 159.5

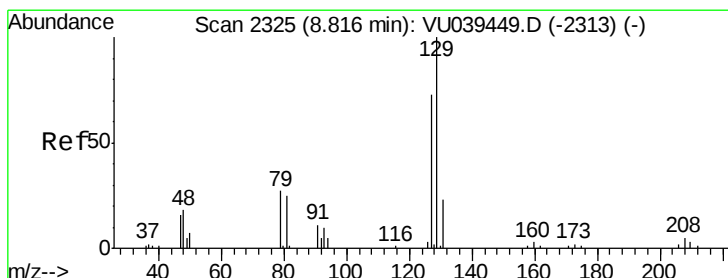
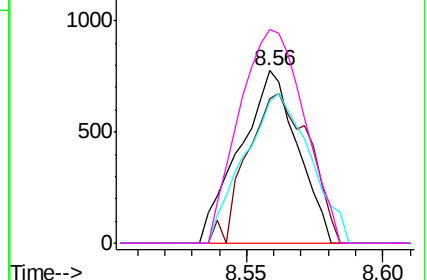
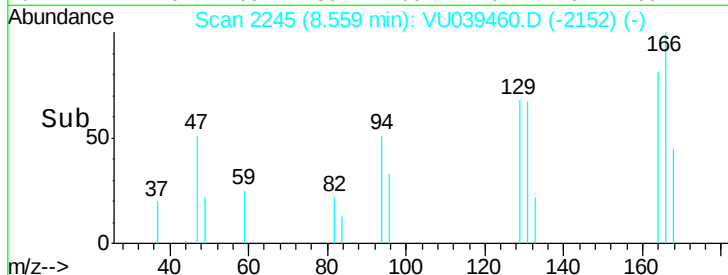


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.180 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. -0.25 min

Lab File: VU039460.D

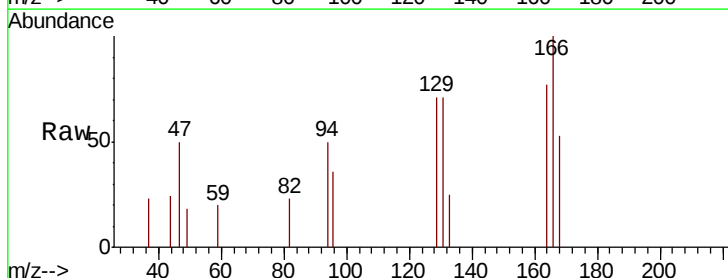
Acq: 11 Jul 2020 03:56

Tgt Ion:129 Resp: 1062

Ion Ratio Lower Upper

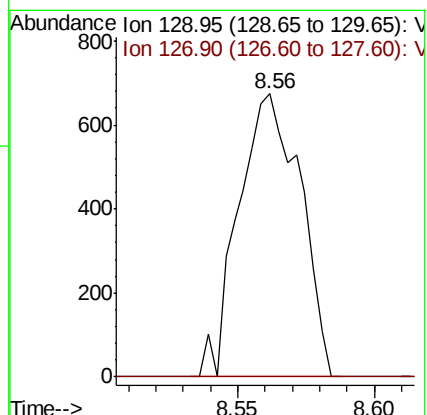
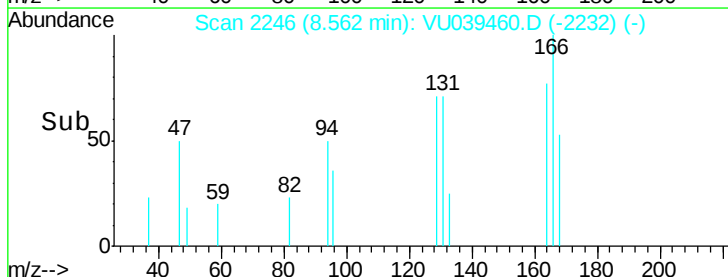
129 100

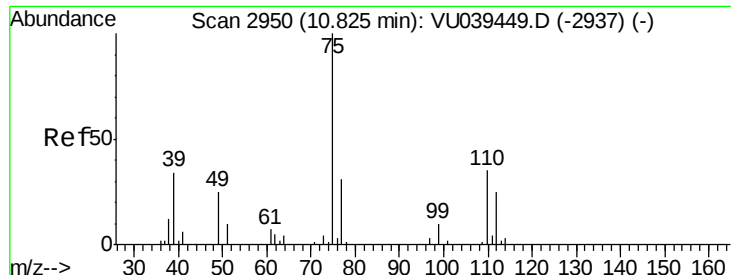
127 0.0 55.4 102.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.271 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039460.D

Acq: 11 Jul 2020 03:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6355

Ion Ratio Lower Upper

75 100

77 39.3 26.8 40.2

