

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039438.D
 Acq On : 10 Jul 2020 18:24
 Operator : SY/MD
 Sample : L3244-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	91817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21692	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.92	69	28493	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	34251	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.65	46	145790	59.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.74%
24) Chloroform-d	5.09	84	57734	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	37955	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.75	84	108577	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.71	67	38714	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	93084	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.19	79	14670	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	102041	53.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36714	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38518	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

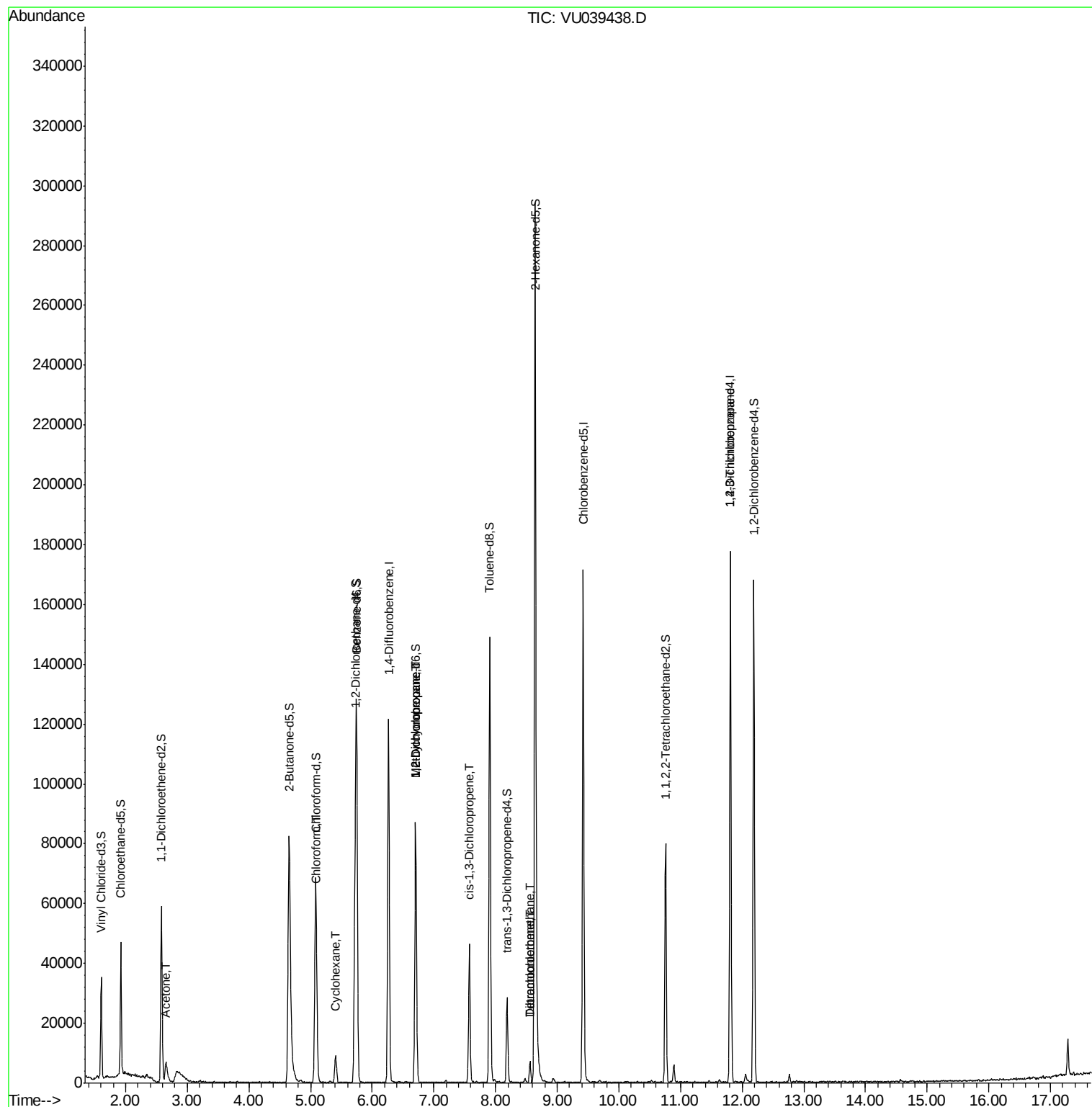
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	11300	8.598	ug/L	99
25) Chloroform	5.11	83	3223	0.270	ug/L	100
30) Cyclohexane	5.40	56	4367	0.409	ug/L #	86
35) Methylcyclohexane	6.71	83	8167	0.765	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4517	0.643	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1507	0.142	ug/L #	59
47) Tetrachloroethene	8.56	164	1143	0.247	ug/L	84
49) Dibromochloromethane	8.56	129	1405	0.230	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6854	1.324	ug/L	96

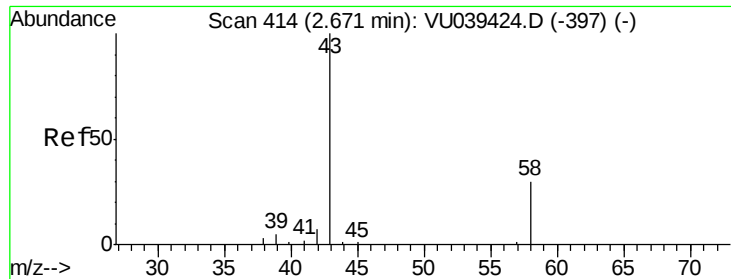
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.598 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU039438.D

Acq: 10 Jul 2020 18:24

Instrument :

MSVOA_U

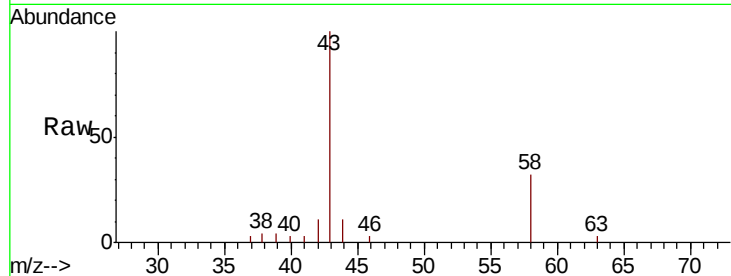
ClientSampleId :

Tot Ion: 43 Resp: 11300

Ion Ratio Lower Upper

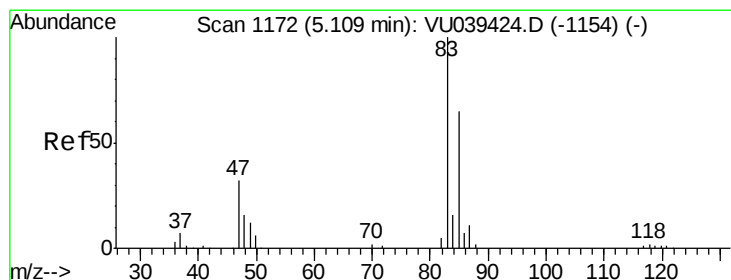
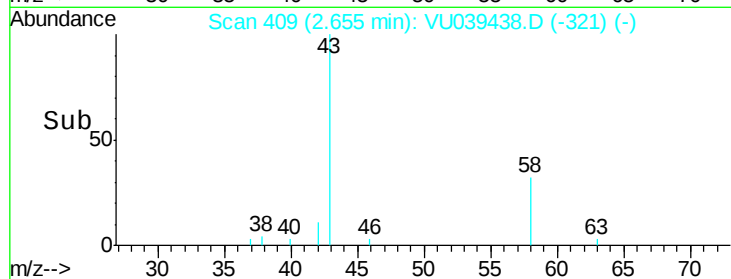
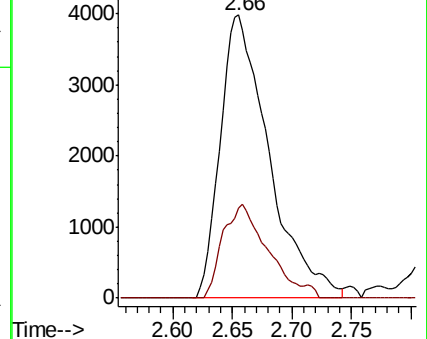
43 100

58 30.9 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039424.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039424.D (-397) (-)



#25

Chloroform

Concen: 0.270 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039438.D

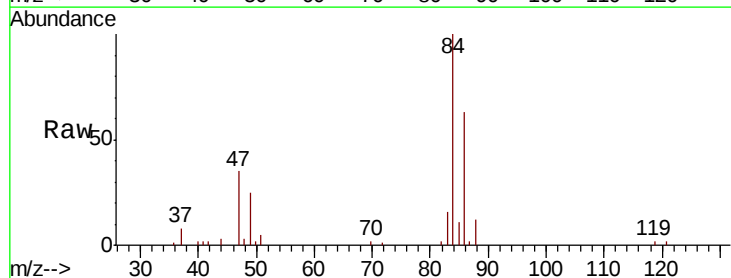
Acq: 10 Jul 2020 18:24

Tgt Ion: 83 Resp: 3223

Ion Ratio Lower Upper

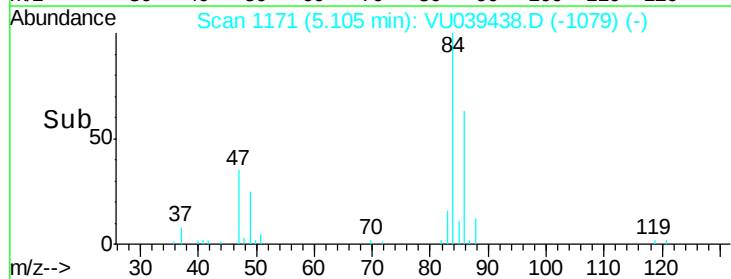
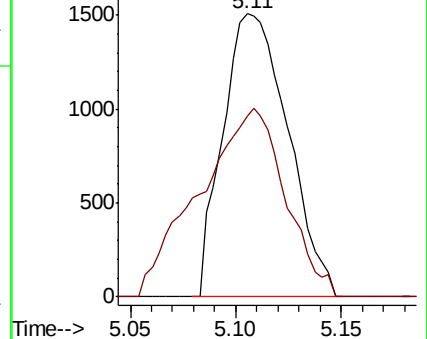
83 100

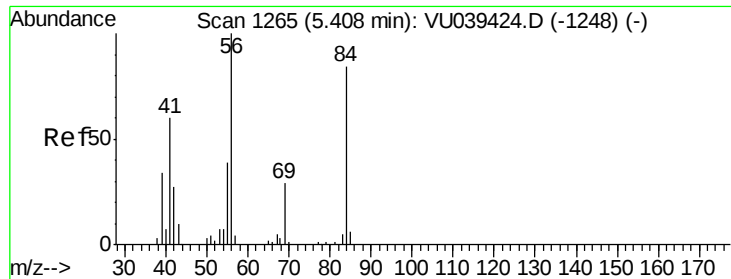
85 64.0 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039424.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039424.D (-1154) (-)

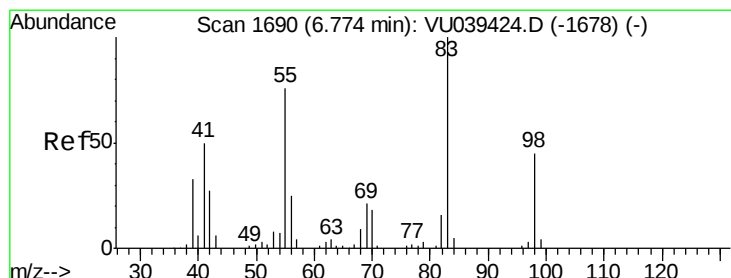
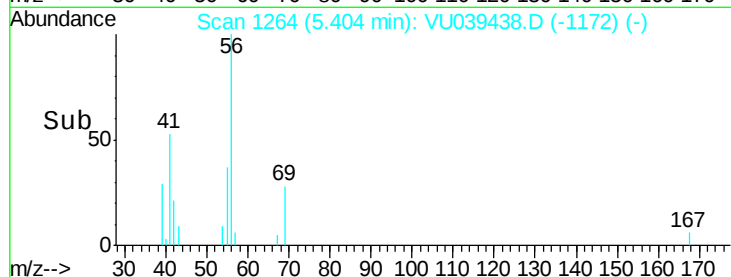
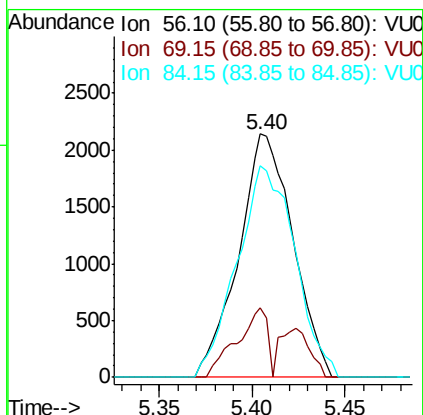
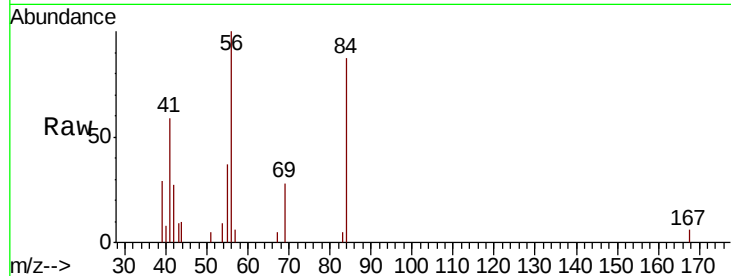




#30
Cyclohexane
Concen: 0.409 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039438.D
Acq: 10 Jul 2020 18:24

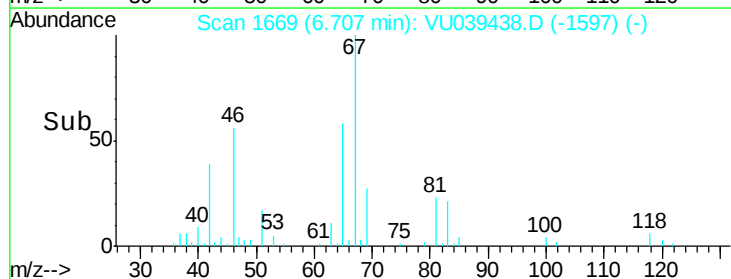
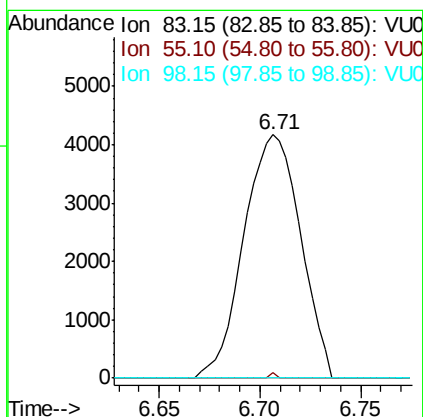
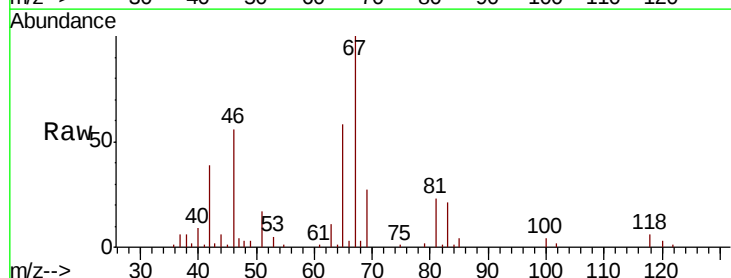
Instrument :
MSVOA_U
ClientSampleId :

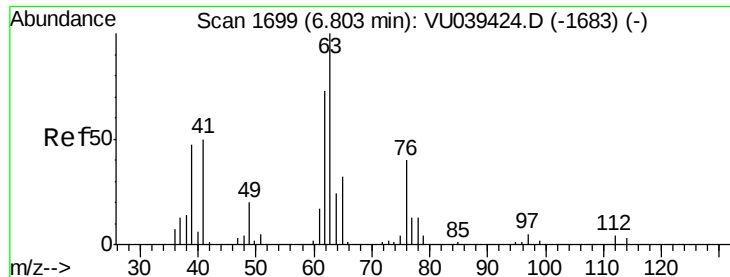
Tot Ion: 56 Resp: 4367
Ion Ratio Lower Upper
56 100
69 15.8 24.1 36.1#
84 92.9 67.0 100.6



#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039438.D
Acq: 10 Jul 2020 18:24

Tgt Ion: 83 Resp: 8167
Ion Ratio Lower Upper
83 100
55 0.2 62.1 93.1#
98 0.0 35.9 53.9#

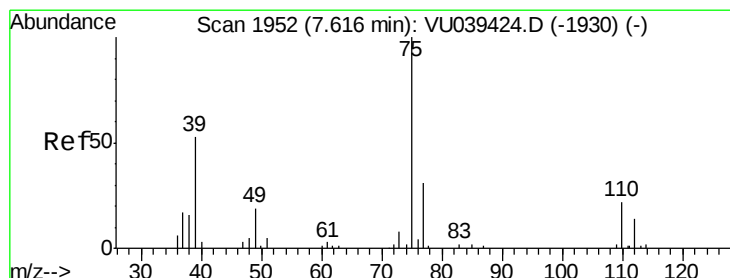
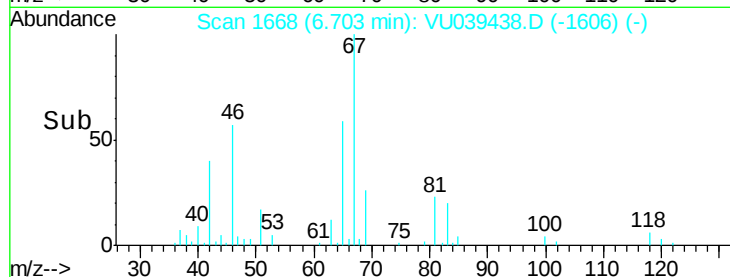
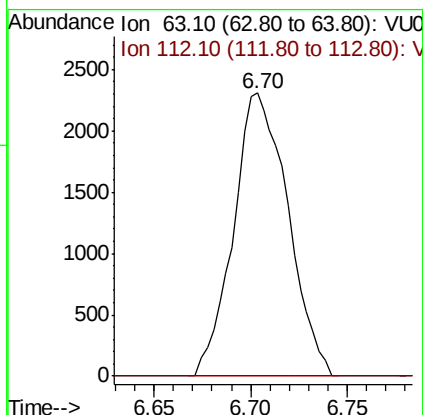
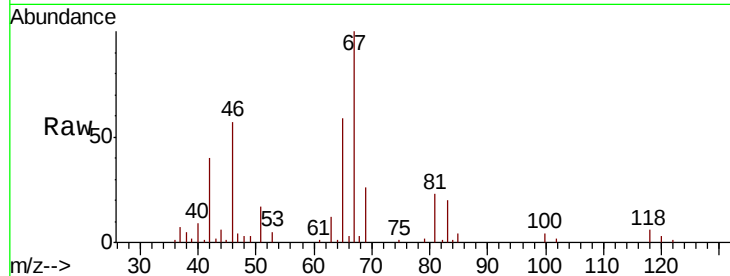




#37
 1,2-Dichloropropane
 Concen: 0.643 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039438.D
 Acq: 10 Jul 2020 18:24

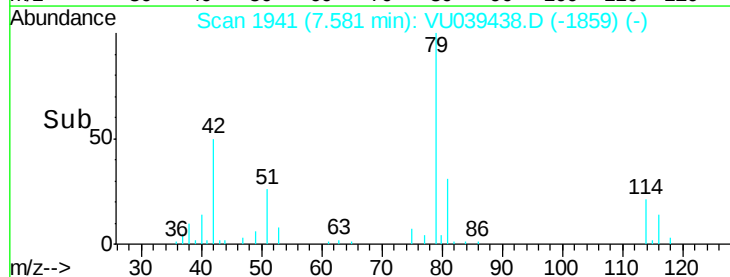
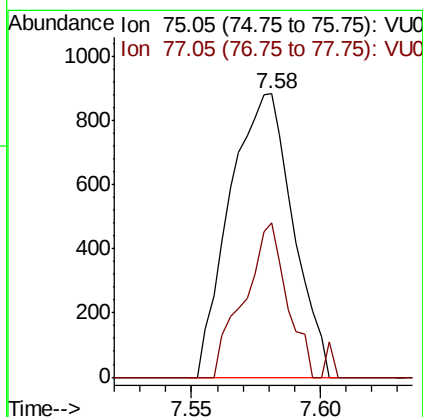
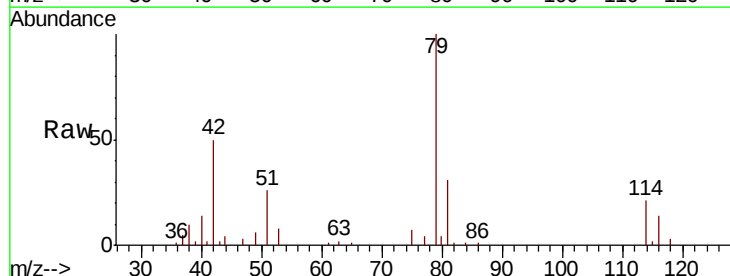
Instrument :
 MSVOA_U
 ClientSampled :

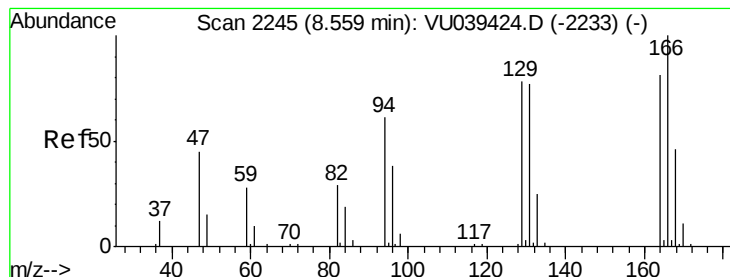
Tot Ion: 63 Resp: 4517
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.142 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039438.D
 Acq: 10 Jul 2020 18:24

Tgt Ion: 75 Resp: 1507
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.247 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039438.D

Acq: 10 Jul 2020 18:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 1143

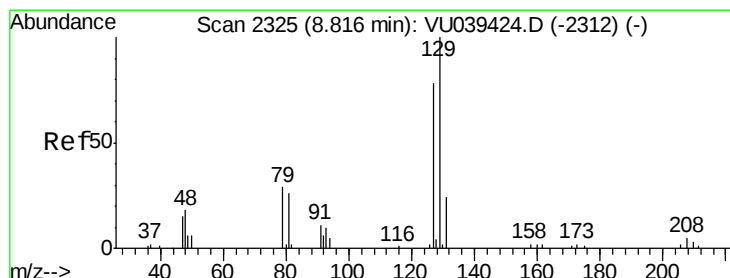
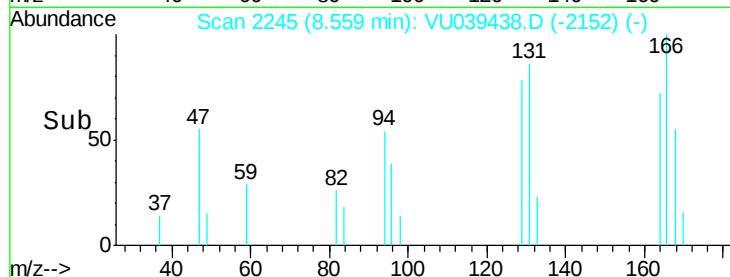
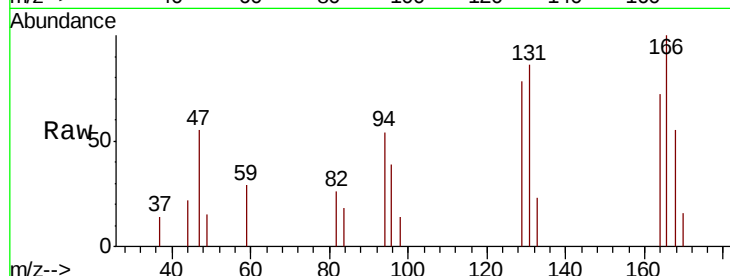
Ion Ratio Lower Upper

164 100

129 108.7 68.6 127.4

131 118.6 66.4 123.4

166 138.5 85.9 159.5



#49

Dibromochloromethane

Concen: 0.230 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039438.D

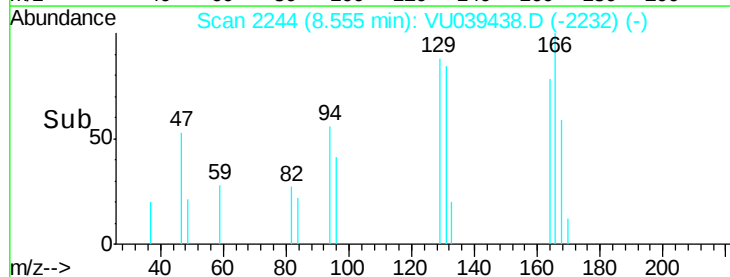
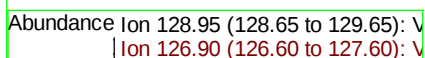
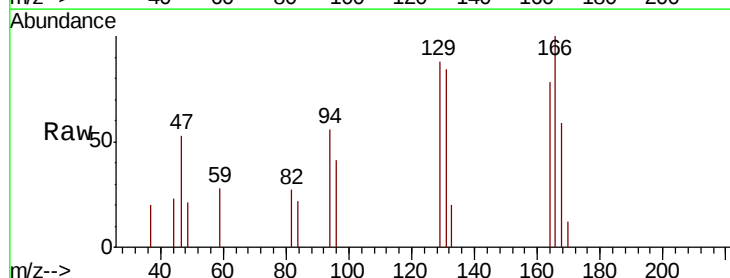
Acq: 10 Jul 2020 18:24

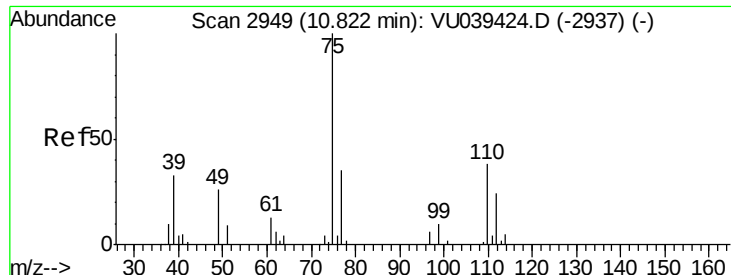
Tgt Ion:129 Resp: 1405

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.324 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039438.D

Acq: 10 Jul 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6854

Ion Ratio Lower Upper

75 100

77 35.6 26.8 40.2

