

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039445.D
 Acq On : 10 Jul 2020 21:06
 Operator : SY/MD
 Sample : L3268-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:55:15 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	90177	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19974	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	26552	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	32083	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.65	46	146373	61.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.42%
24) Chloroform-d	5.09	84	55054	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	38201	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.74	84	103947	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	38794	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.91	98	88827	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	14205	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	104065	53.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37627	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37799	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

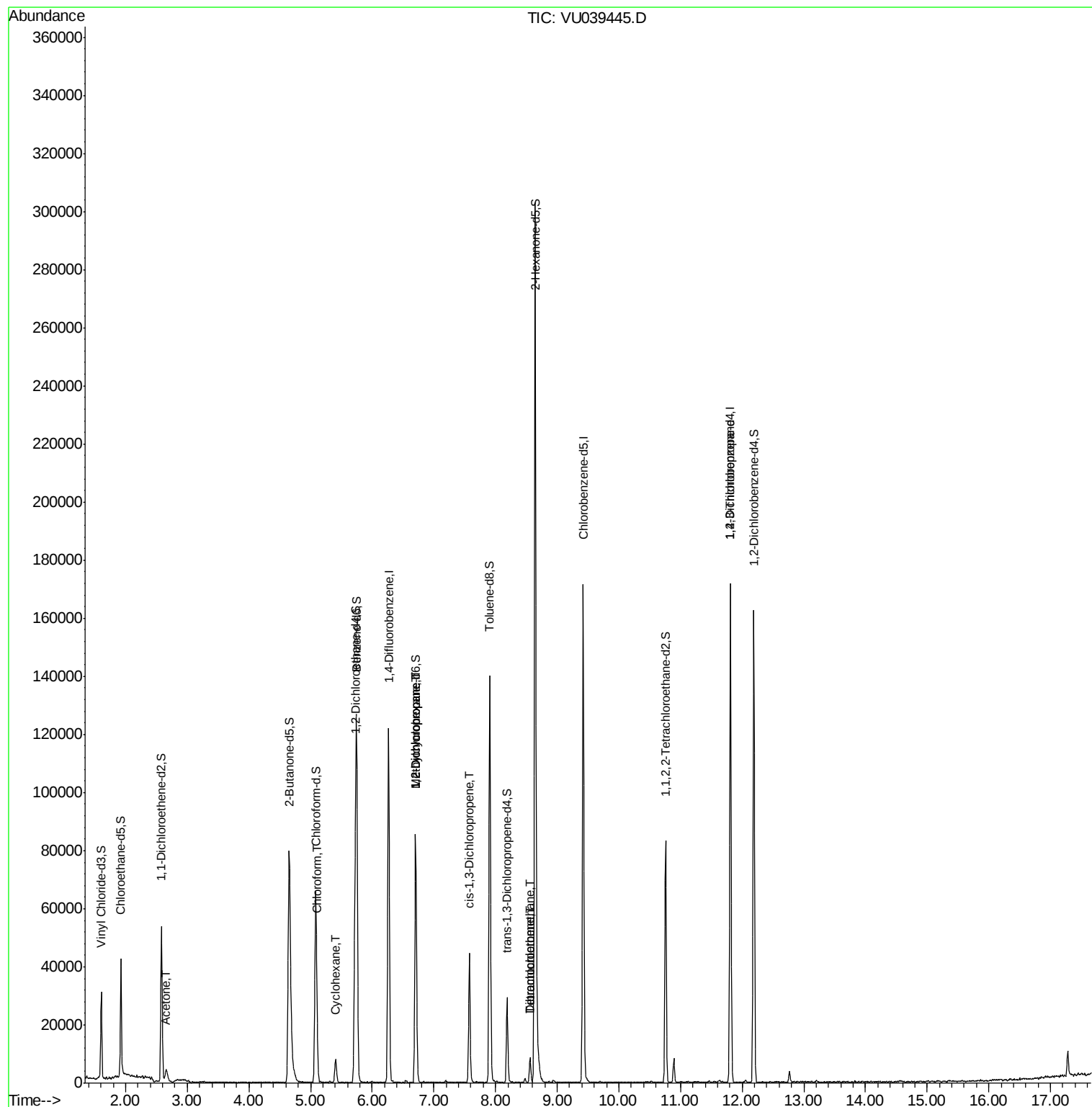
					Ovalue
13) Acetone	2.66	43	8051	6.237 ug/L	92
25) Chloroform	5.11	83	3012	0.257 ug/L	85
30) Cyclohexane	5.40	56	4174	0.386 ug/L #	87
35) Methylcyclohexane	6.71	83	8153	0.755 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	4608	0.649 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1351	0.126 ug/L #	47
47) Tetrachloroethene	8.56	164	1754	0.374 ug/L	86
49) Dibromochloromethane	8.56	129	1751	0.283 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6206	1.185 ug/L	92

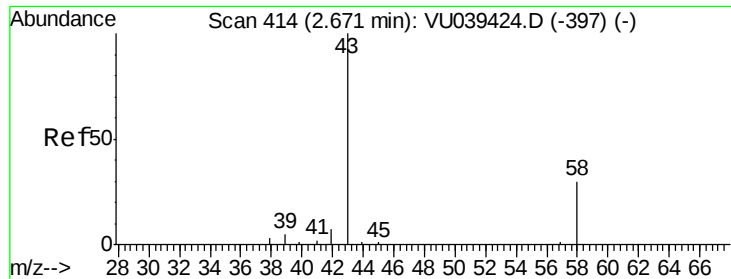
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.237 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039445.D

Acq: 10 Jul 2020 21:06

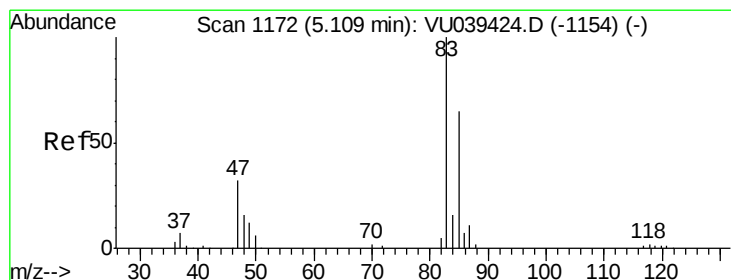
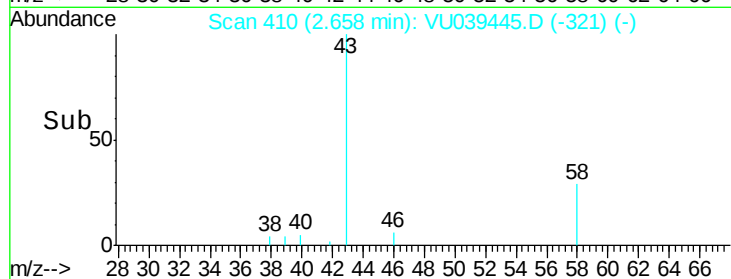
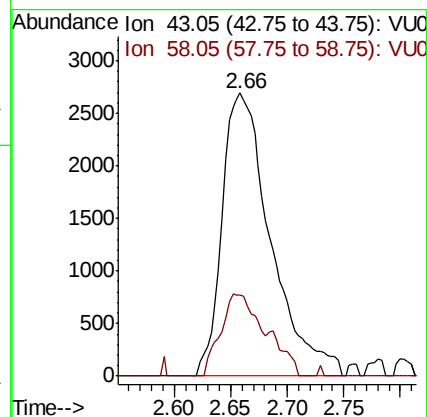
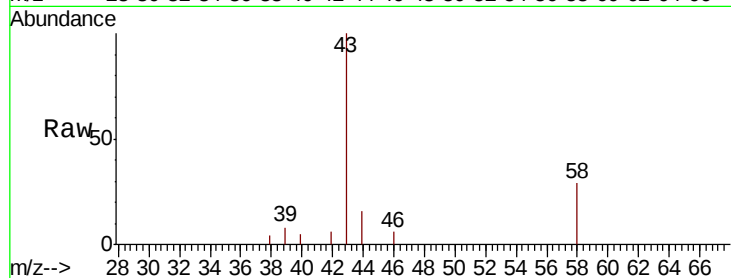
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 8051

Ion Ratio Lower Upper

43 100

58 27.0 0.0 62.8



#25

Chloroform

Concen: 0.257 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU039445.D

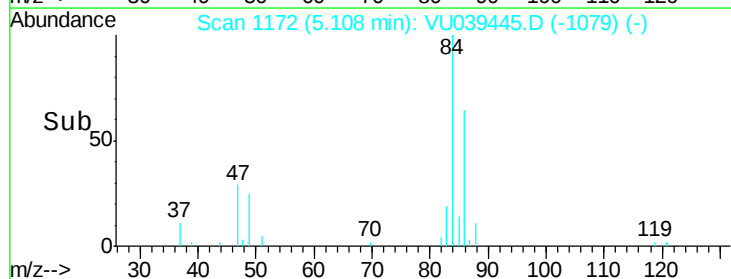
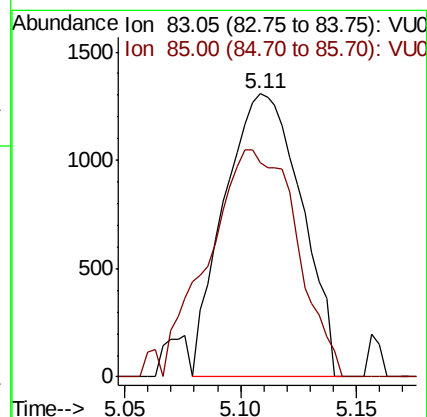
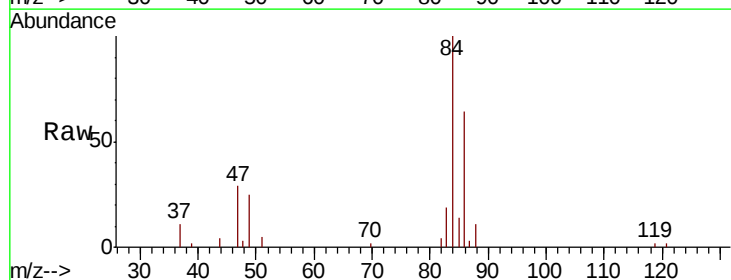
Acq: 10 Jul 2020 21:06

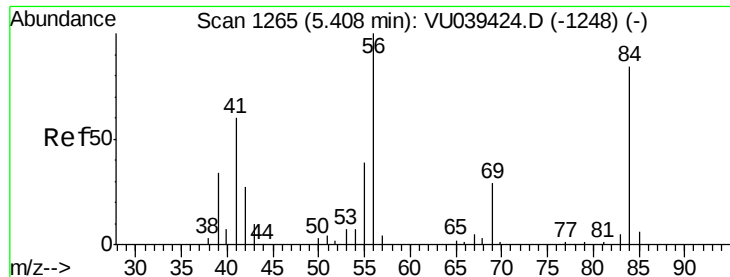
Tgt Ion: 83 Resp: 3012

Ion Ratio Lower Upper

83 100

85 75.9 44.9 83.5

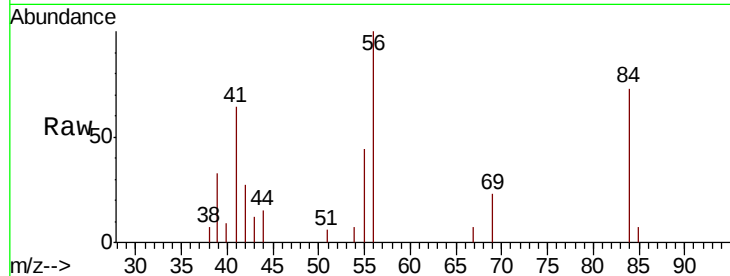




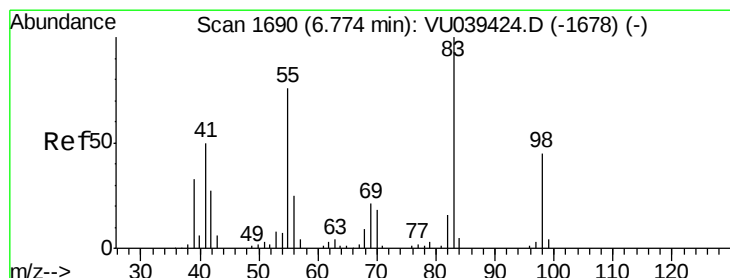
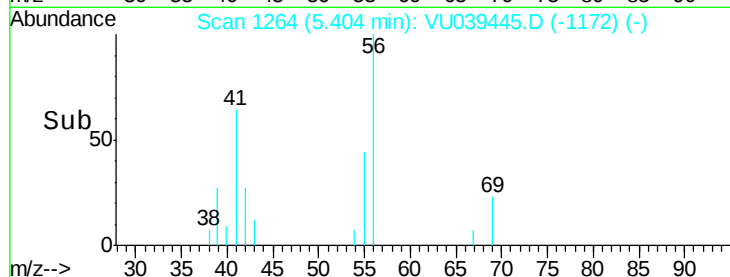
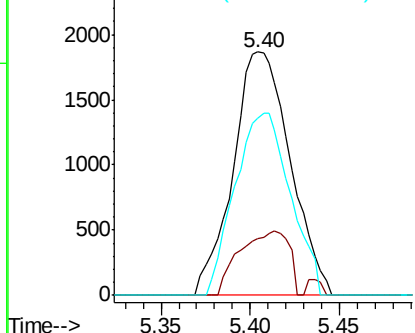
#30
Cyclohexane
Concen: 0.386 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU039445.D
Acq: 10 Jul 2020 21:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 4174
Ion Ratio Lower Upper
56 100
69 22.9 24.1 36.1#
84 72.6 67.0 100.6

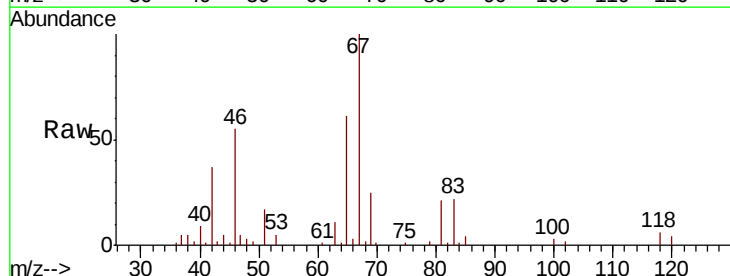


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

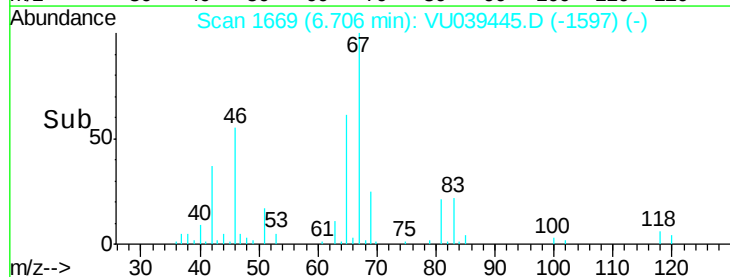
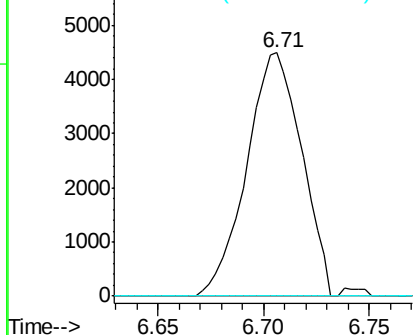


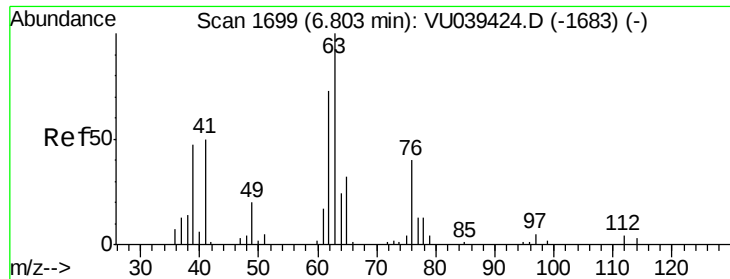
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039445.D
Acq: 10 Jul 2020 21:06

Tgt Ion: 83 Resp: 8153
Ion Ratio Lower Upper
83 100
55 0.0 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

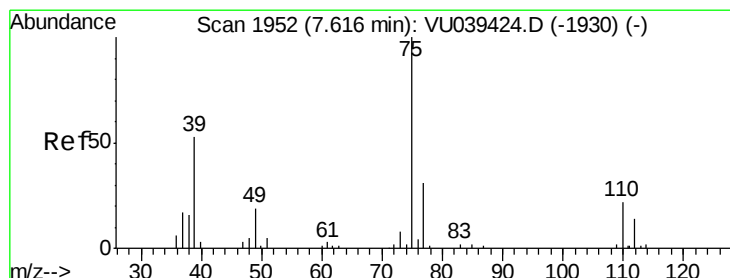
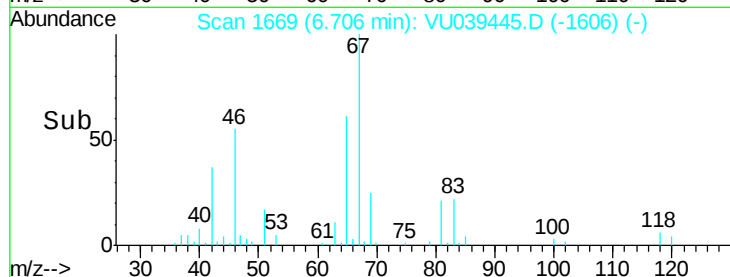
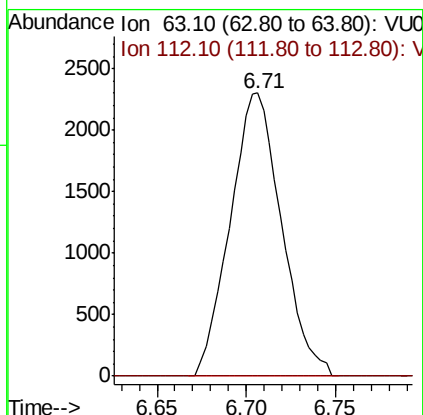
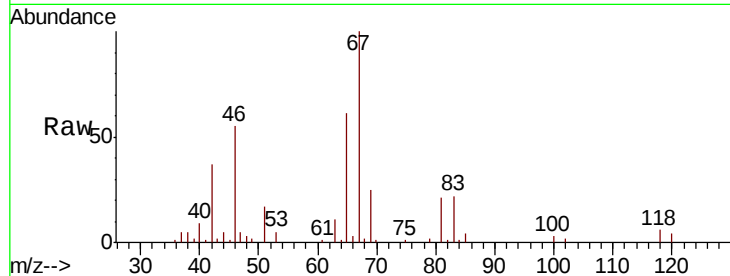




#37
 1,2-Dichloropropane
 Concen: 0.649 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039445.D
 Acq: 10 Jul 2020 21:06

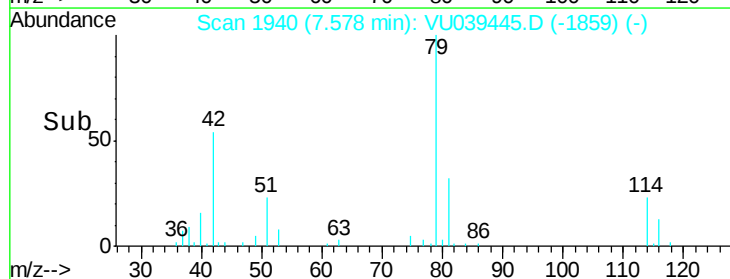
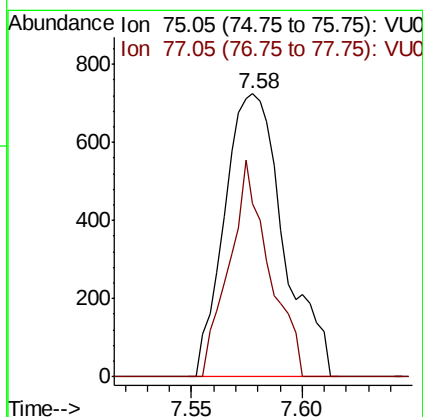
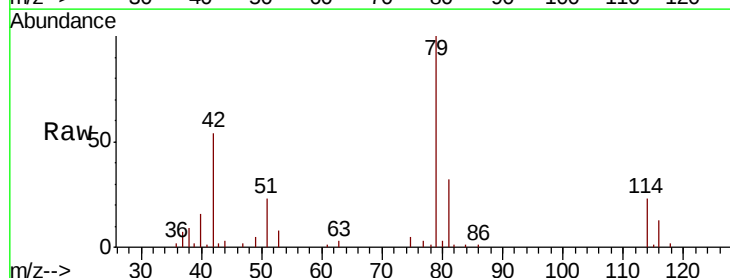
Instrument :
 MSVOA_U
 ClientSampleId :

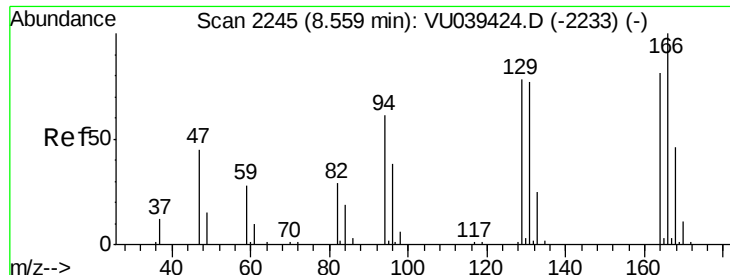
Tot Ion: 63 Resp: 4608
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039445.D
 Acq: 10 Jul 2020 21:06

Tgt Ion: 75 Resp: 1351
 Ion Ratio Lower Upper
 75 100
 77 61.3 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.374 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039445.D

Acq: 10 Jul 2020 21:06

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 1754

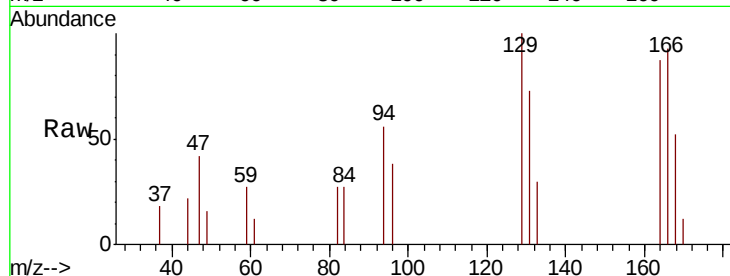
Ion Ratio Lower Upper

164 100

129 114.5 68.6 127.4

131 83.7 66.4 123.4

166 106.5 85.9 159.5

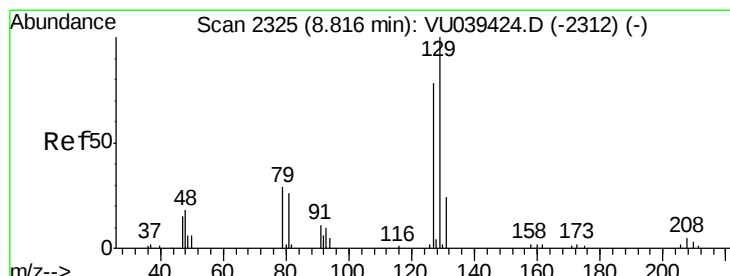
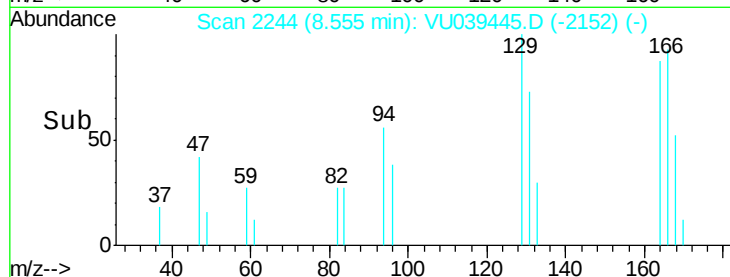
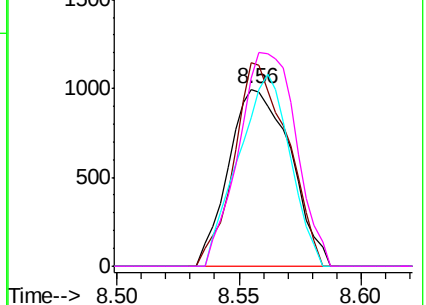


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.283 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039445.D

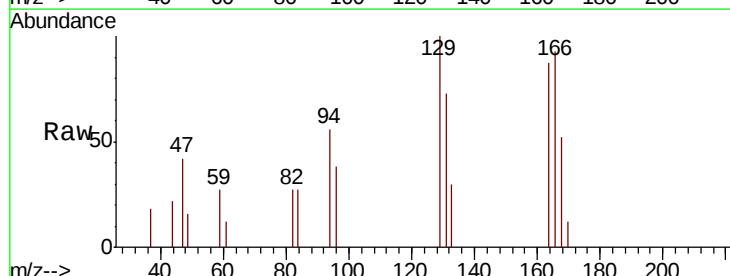
Acq: 10 Jul 2020 21:06

Tgt Ion:129 Resp: 1751

Ion Ratio Lower Upper

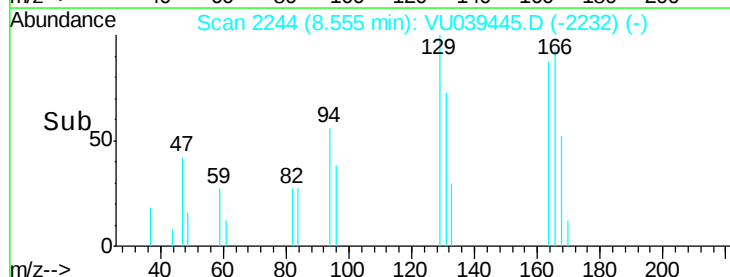
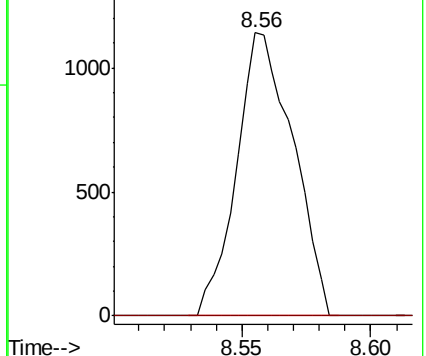
129 100

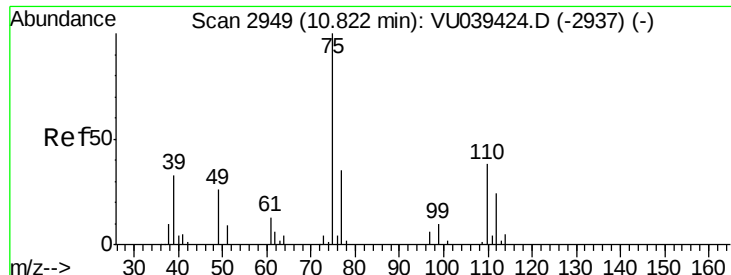
127 0.0 55.4 102.8#



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: 1.185 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039445.D

Acq: 10 Jul 2020 21:06

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6206

Ion Ratio Lower Upper

75 100

77 37.9 26.8 40.2

