

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039348.D
 Acq On : 08 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3243-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A61

Quant Time: Jul 09 02:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	107368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41240	6.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.60%#
7) Chloroethane-d5	1.92	69	36361	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.58	63	59281	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.66	46	151062	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.08	84	71237	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.72	65	45302	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.75	84	148254	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
36) 1,2-Dichloropropane-d6	6.71	67	48612	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.91	98	134037	6.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.60%
43) trans-1,3-Dichloropropene-	8.19	79	20890	5.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.00%
46) 2-Hexanone-d5	8.64	63	111715	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42922	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	51134	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

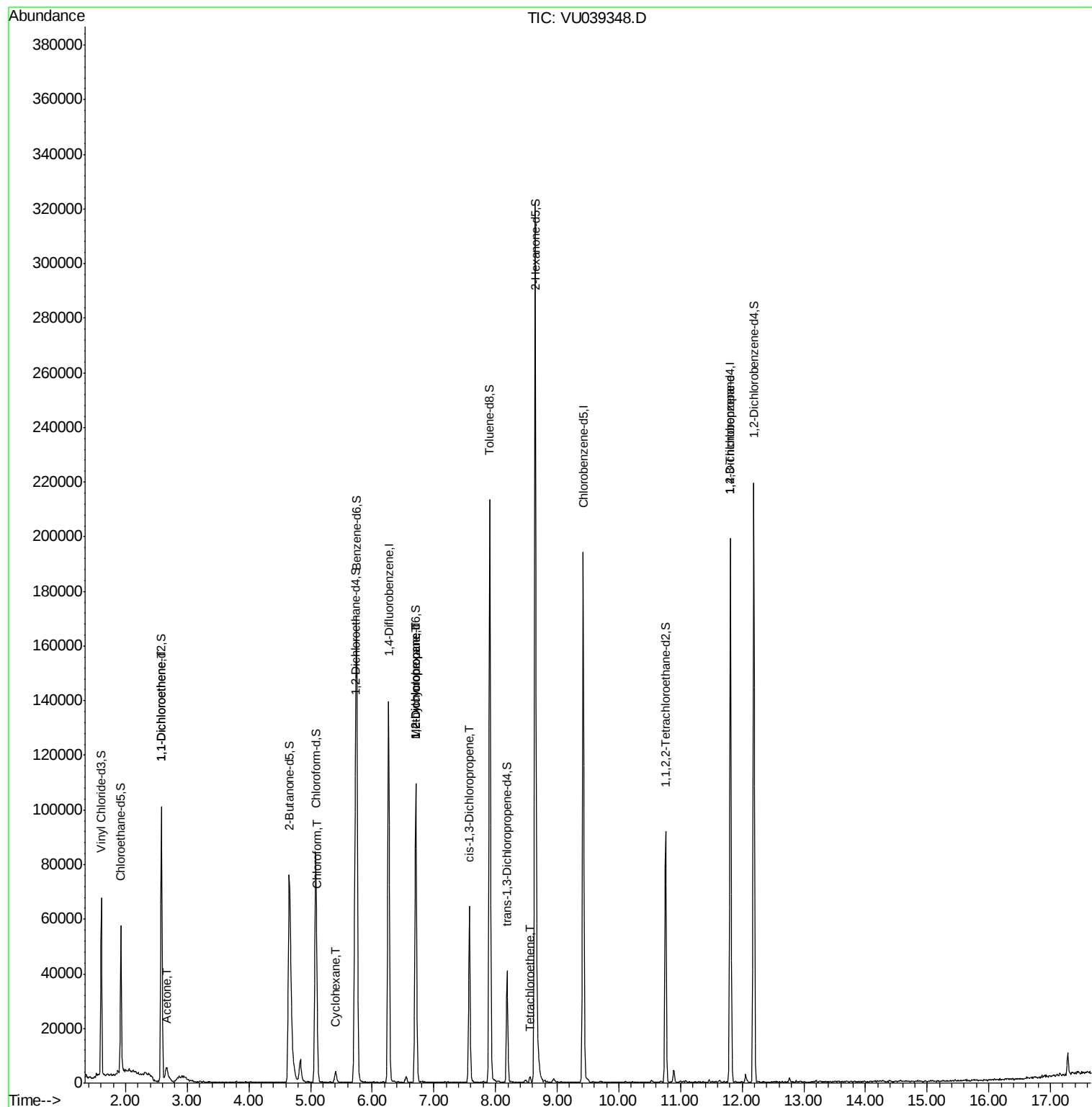
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	384	0.060	ug/L #	1
13) Acetone	2.66	43	11069	7.202	ug/L	68
25) Chloroform	5.11	83	3735	0.267	ug/L	91
30) Cyclohexane	5.41	56	2019	0.163	ug/L #	87
35) Methylcyclohexane	6.71	83	10438	0.844	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5974	0.734	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1749	0.142	ug/L #	78
47) Tetrachloroethene	8.56	164	601	0.112	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	7200	1.200	ug/L	90

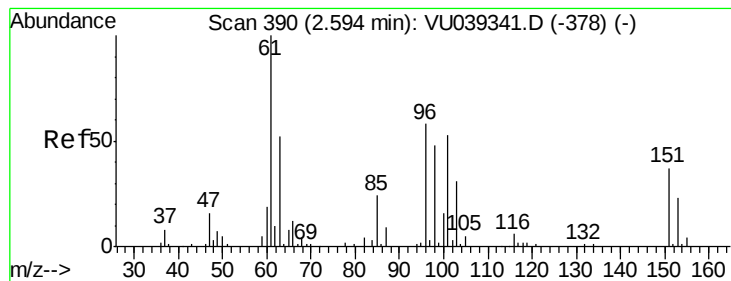
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU039348.D

Acq: 08 Jul 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

F4A61

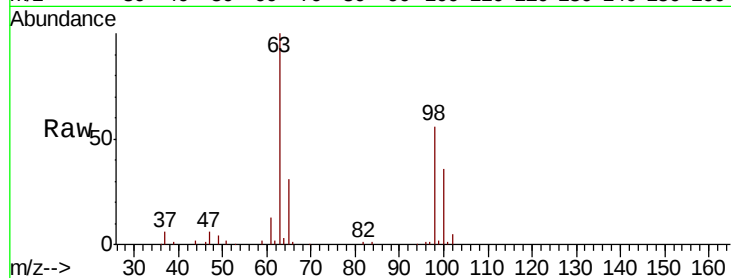
Tot Ion: 96 Resp: 384

Ion Ratio Lower Upper

96 100

61 1515.8 125.4 232.8#

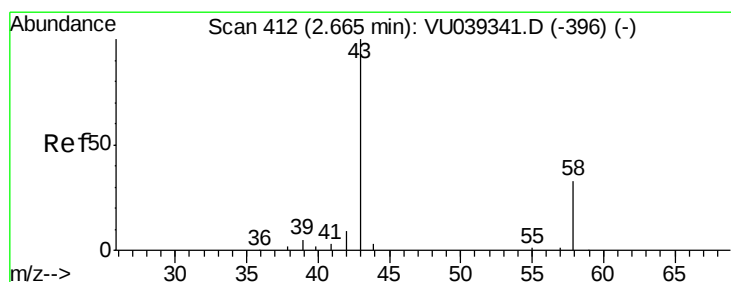
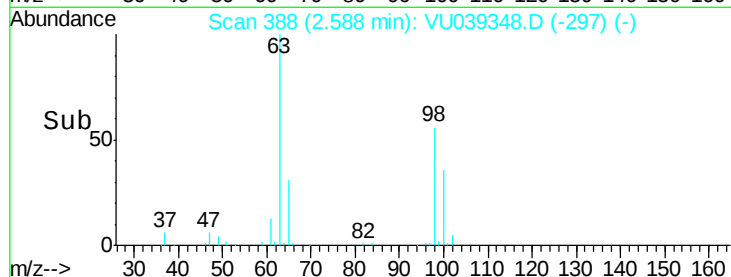
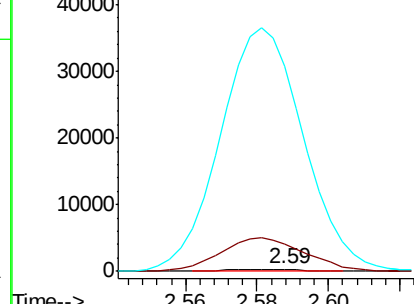
63 11297.1 92.7 172.3#



Abundance Ion 96.00 (95.70 to 96.70): VU039348.D (-388) (-)

Ion 61.05 (60.75 to 61.75): VU039348.D (-388) (-)

Ion 63.00 (62.70 to 63.70): VU039348.D (-388) (-)



#13

Acetone

Concen: 7.202 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU039348.D

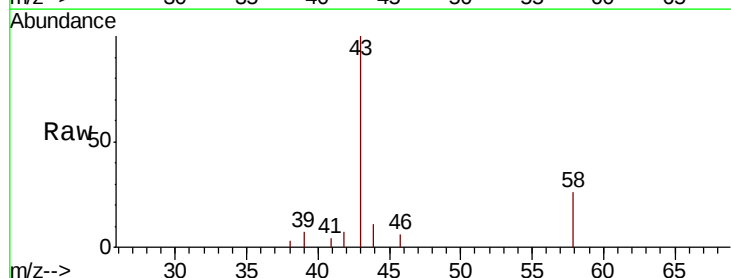
Acq: 08 Jul 2020 15:34

Tgt Ion: 43 Resp: 11069

Ion Ratio Lower Upper

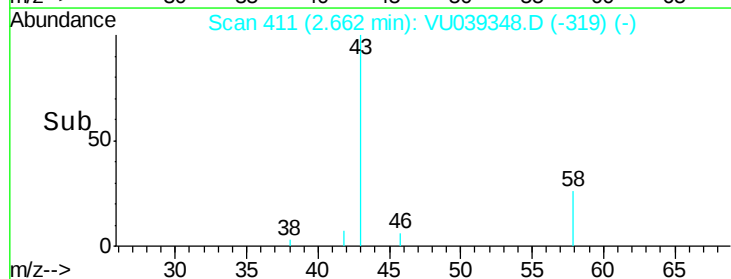
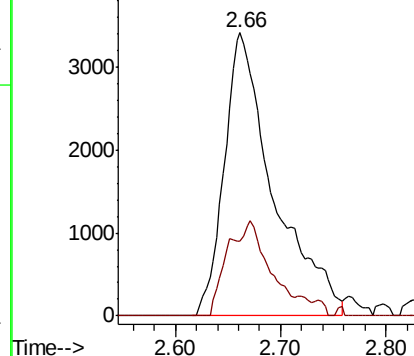
43 100

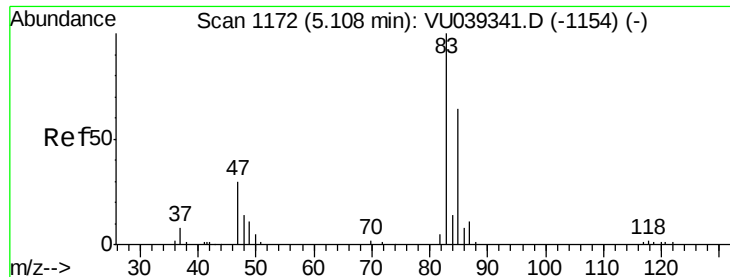
58 13.4 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039348.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU039348.D (-411) (-)

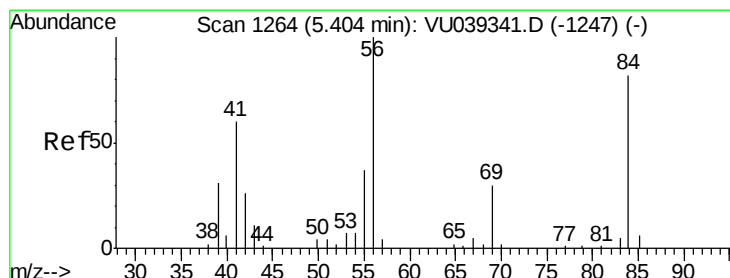
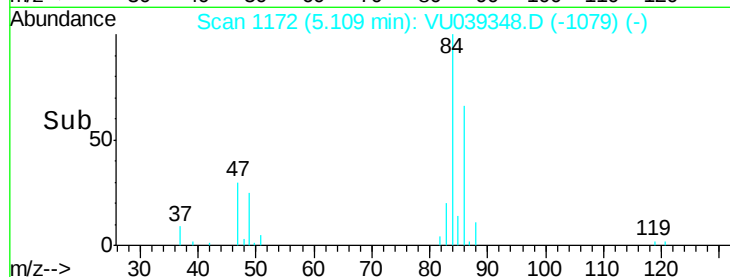
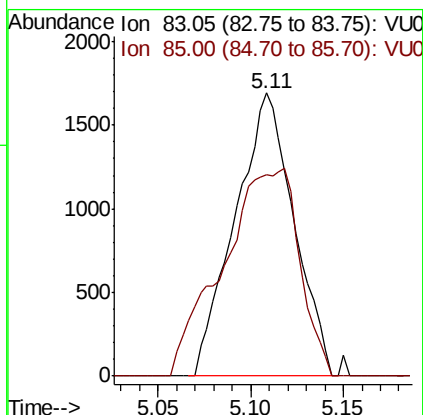
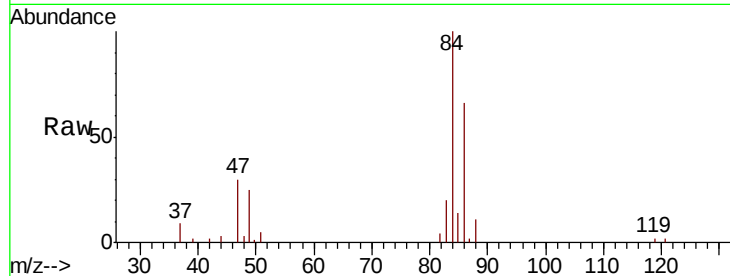




#25
Chloroform
Concen: 0.267 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039348.D
Acq: 08 Jul 2020 15:34

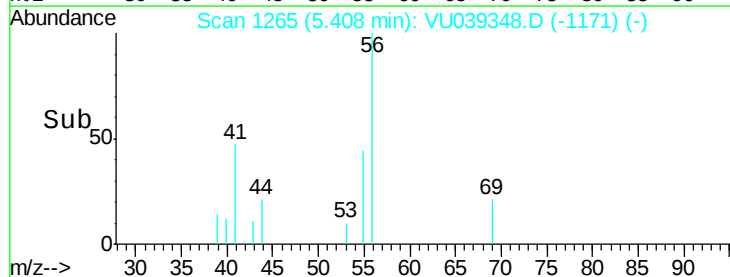
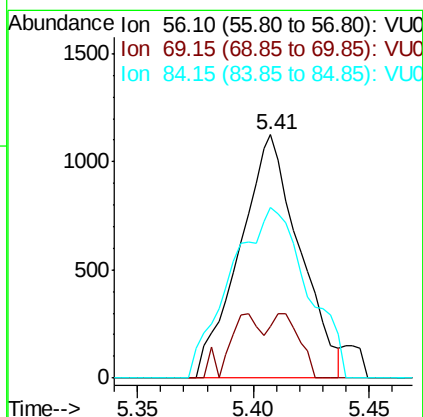
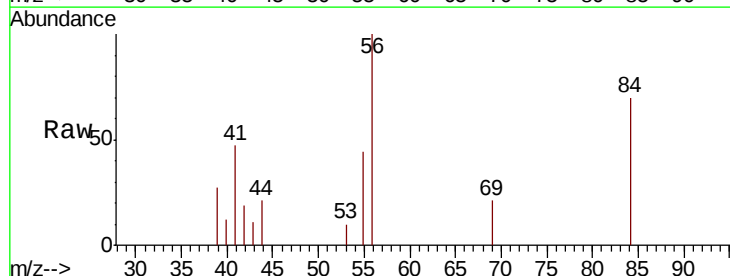
Instrument :
MSVOA_U
ClientSampleId :
F4A61

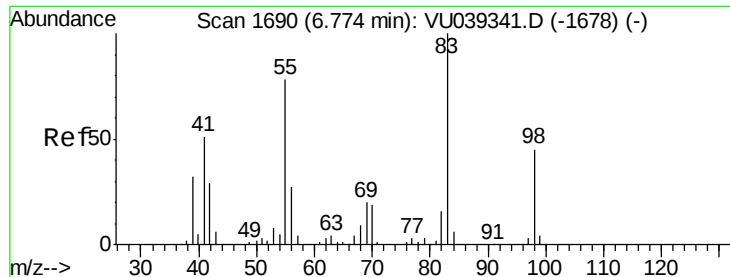
Tot Ion: 83 Resp: 3735
Ion Ratio Lower Upper
83 100
85 71.2 44.9 83.5



#30
Cyclohexane
Concen: 0.163 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039348.D
Acq: 08 Jul 2020 15:34

Tgt Ion: 56 Resp: 2019
Ion Ratio Lower Upper
56 100
69 13.0 24.1 36.1#
84 89.4 67.0 100.6

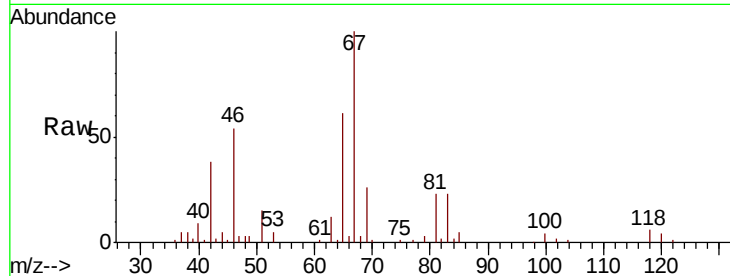




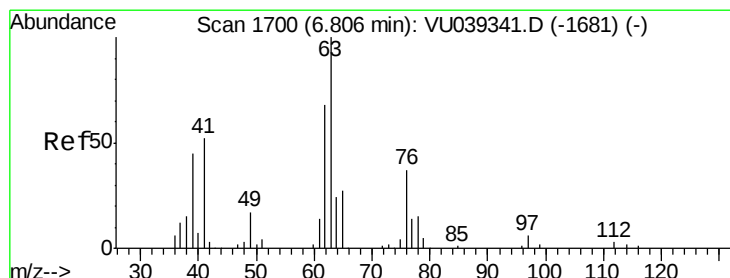
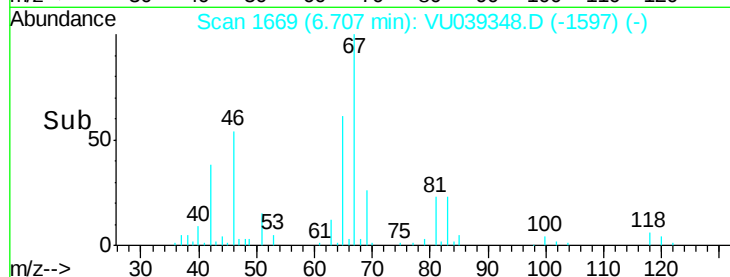
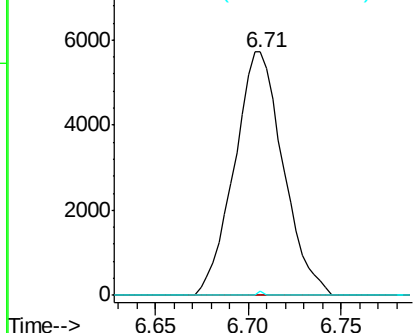
#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039348.D
Acq: 08 Jul 2020 15:34

Instrument :
MSVOA_U
ClientSampleId :
F4A61

Tot Ion: 83 Resp: 10438
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#

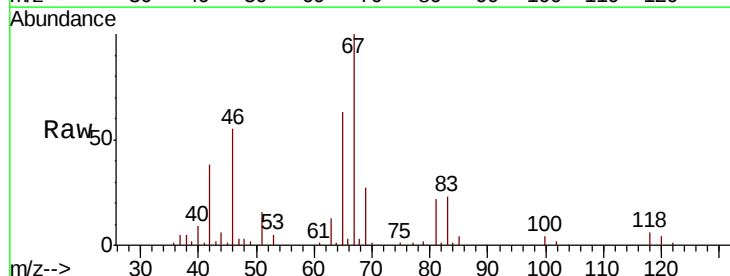


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

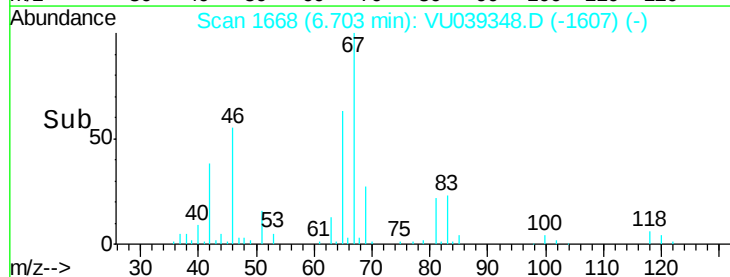
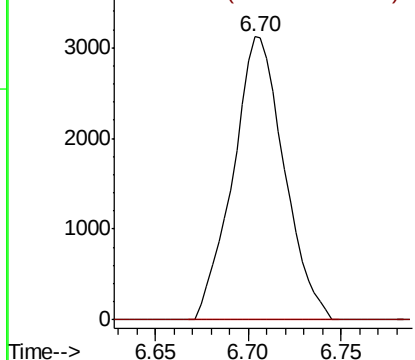


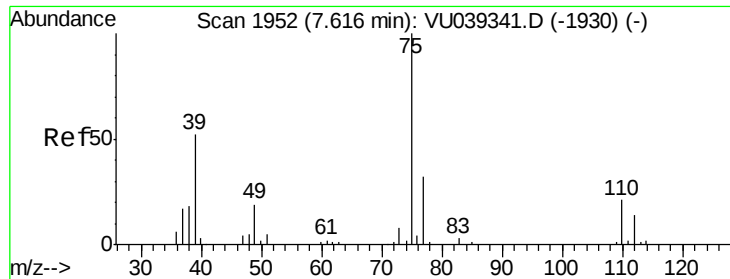
#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039348.D
Acq: 08 Jul 2020 15:34

Tgt Ion: 63 Resp: 5974
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

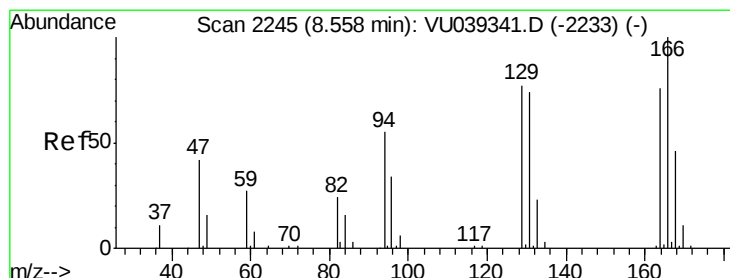
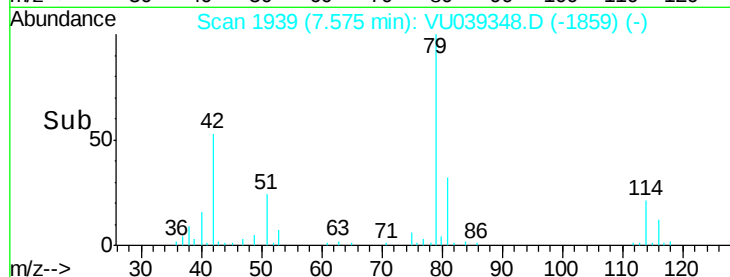
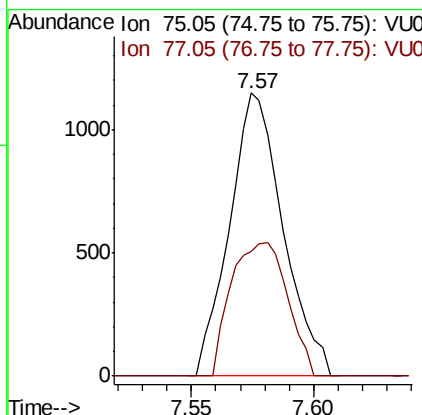
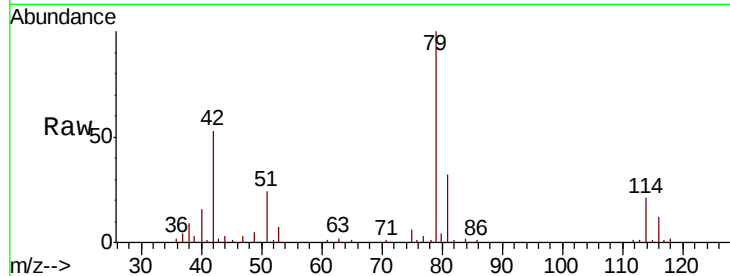




#39
 cis-1,3-Dichloropropene
 Concen: 0.142 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039348.D
 Acq: 08 Jul 2020 15:34

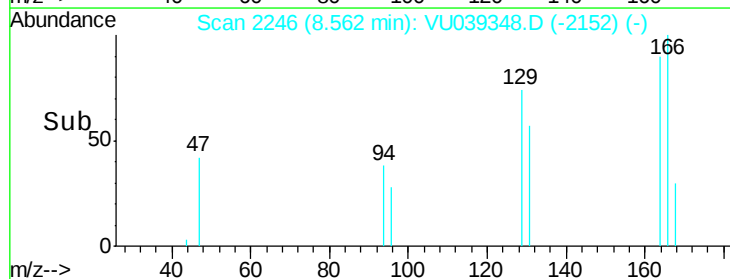
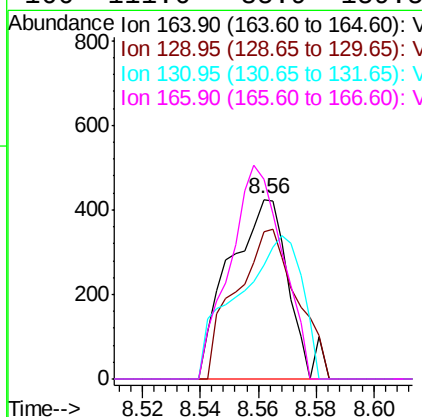
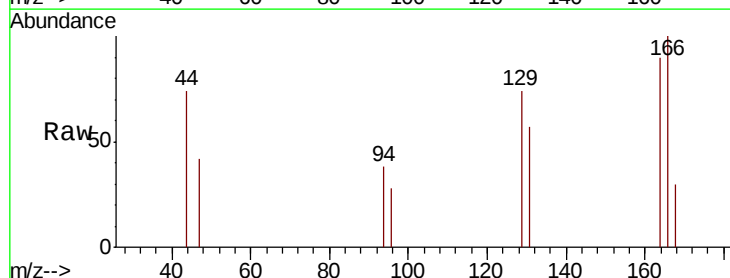
Instrument :
 MSVOA_U
 ClientSampled :
 F4A61

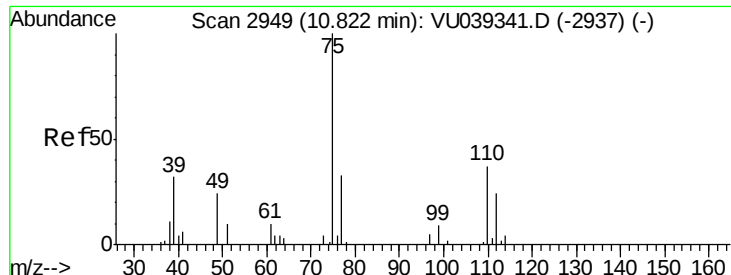
Tot Ion: 75 Resp: 1749
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.112 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039348.D
 Acq: 08 Jul 2020 15:34

Tgt Ion:164 Resp: 601
 Ion Ratio Lower Upper
 164 100
 129 82.3 68.6 127.4
 131 63.9 66.4 123.4#
 166 111.6 85.9 159.5





#59

1,2,3-Trichloropropane

Concen: 1.200 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039348.D

Acq: 08 Jul 2020 15:34

Instrument :

MSVOA_U

ClientSampleId :

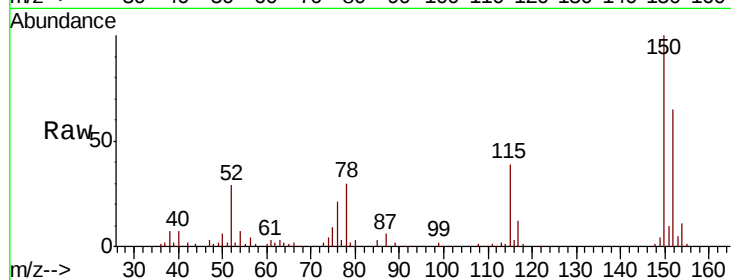
F4A61

Tot Ion: 75 Resp: 7200

Ion Ratio Lower Upper

75 100

77 39.3 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

