

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070620\
 Data File : VU039286.D
 Acq On : 06 Jul 2020 13:04
 Operator : SY/MD
 Sample : VU0706WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK27

Quant Time: Jul 07 01:18:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	130094	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120291	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47800	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.93	69	41480	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.58	63	68358	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	183504	48.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.32%
24) Chloroform-d	5.09	84	89002	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	55507	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.74	84	179795	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	59297	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	159604	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.19	79	25408	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	140066	46.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.44%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	53365	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	60085	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

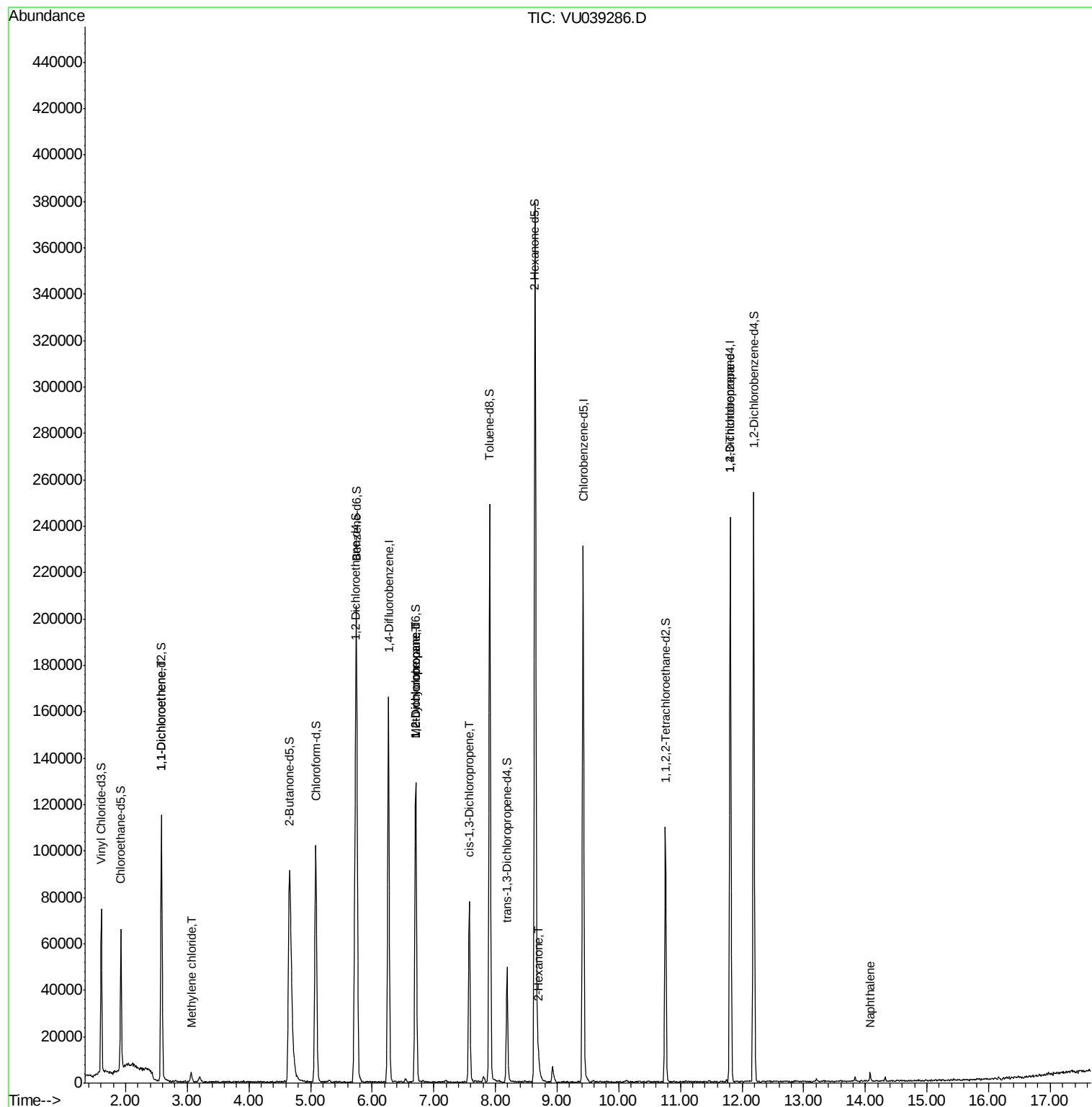
					Ovalue
12) 1,1-Dichloroethene	2.58	96	628	0.085 ug/L #	1
16) Methylene chloride	3.06	84	1845	0.197 ug/L	94
35) Methylcyclohexane	6.70	83	13135	0.938 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	6862	0.726 ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	2218	0.151 ug/L #	78
48) 2-Hexanone	8.70	43	5567	0.935 ug/L #	93
59) 1,2,3-Trichloropropane	11.81	75	8743	1.230 ug/L	93
69) Naphthalene	14.08	128	2948	0.132 ug/L #	91

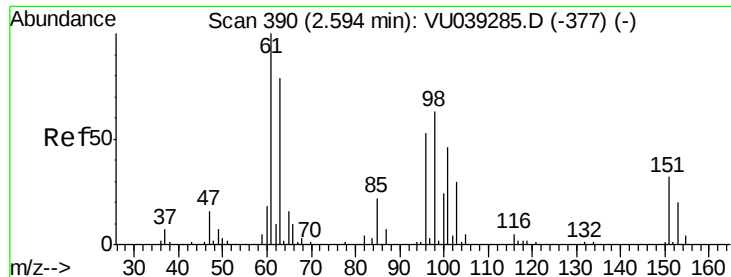
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU039286.D

Acq: 06 Jul 2020 13:04

Instrument :

MSVOA_U

ClientSampled :

VBLK27

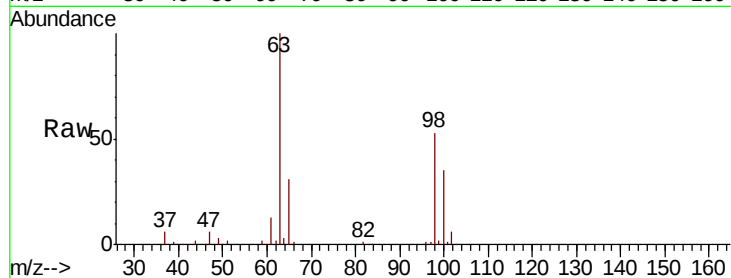
Tot Ion: 96 Resp: 628

Ion Ratio Lower Upper

96 100

61 1304.5 123.8 230.0#

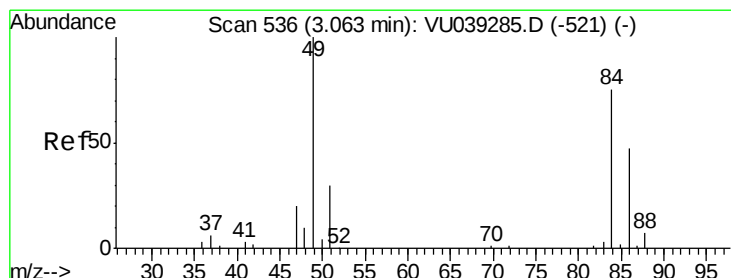
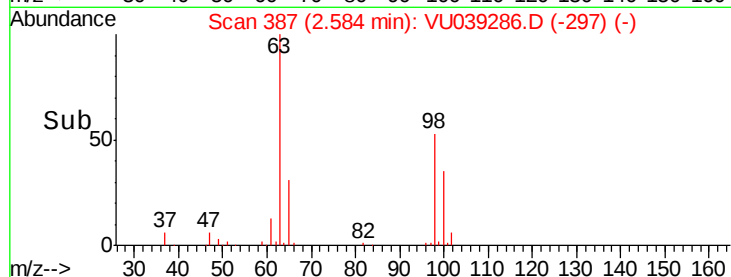
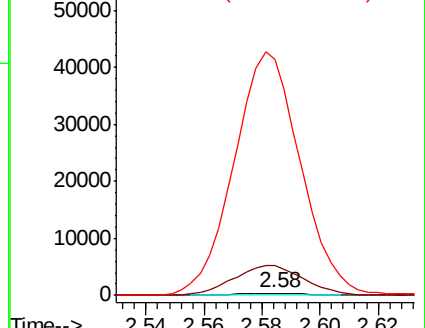
63 10348.0 112.1 208.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.197 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039286.D

Acq: 06 Jul 2020 13:04

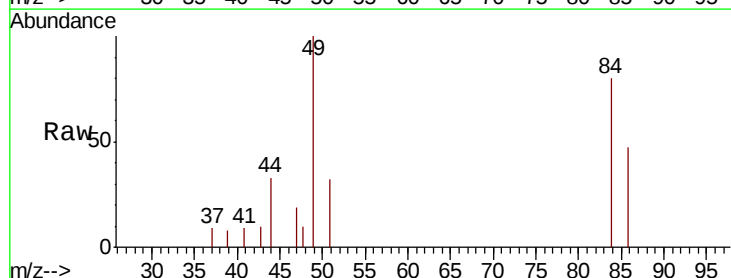
Tgt Ion: 84 Resp: 1845

Ion Ratio Lower Upper

84 100

86 58.7 42.6 79.0

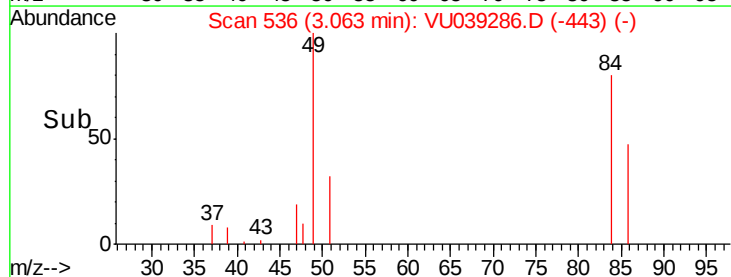
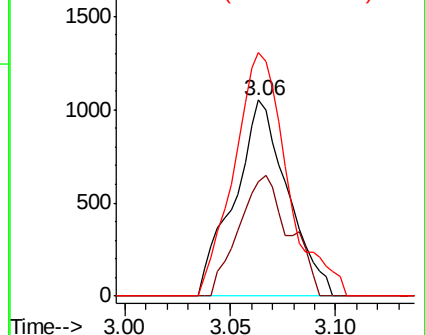
49 124.4 93.0 172.8

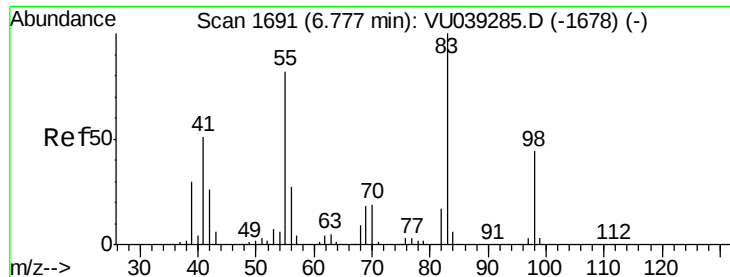


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#35

Methylcyclohexane

Concen: 0.938 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039286.D

Acq: 06 Jul 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK27

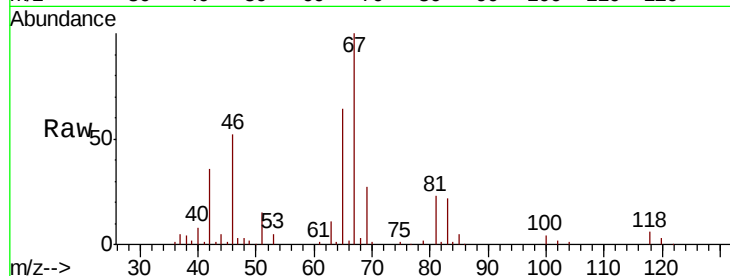
Tot Ion: 83 Resp: 13135

Ion Ratio Lower Upper

83 100

55 0.5 63.3 94.9#

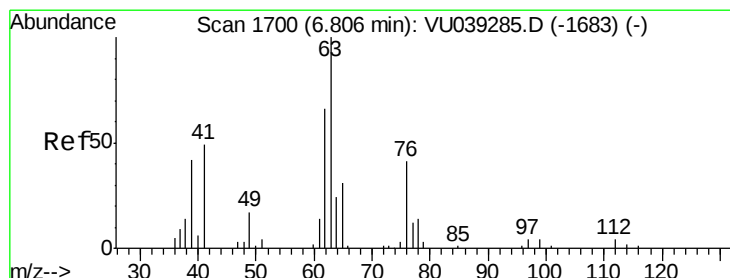
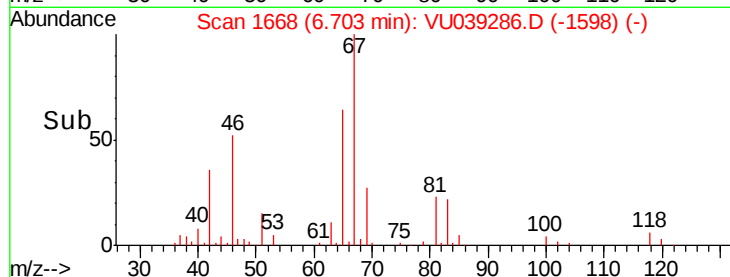
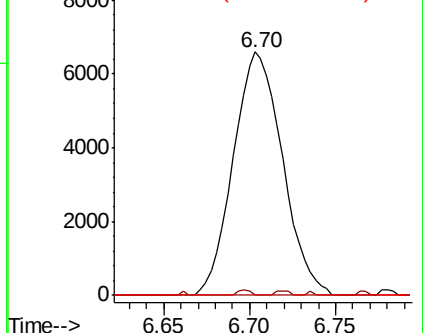
98 0.0 37.4 56.2#



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: 0.726 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039286.D

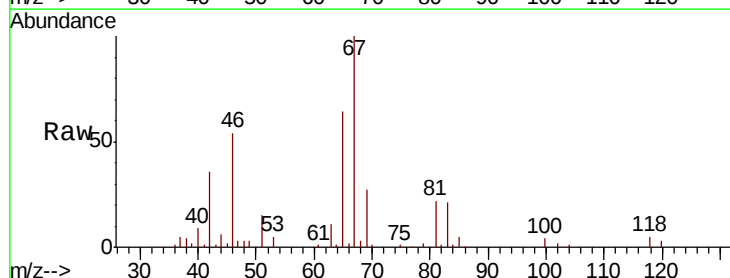
Acq: 06 Jul 2020 13:04

Tgt Ion: 63 Resp: 6862

Ion Ratio Lower Upper

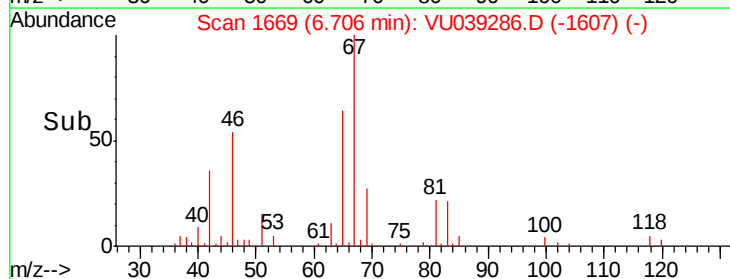
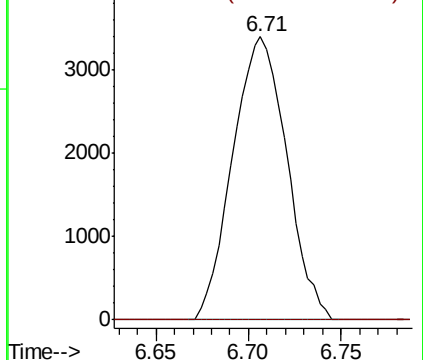
63 100

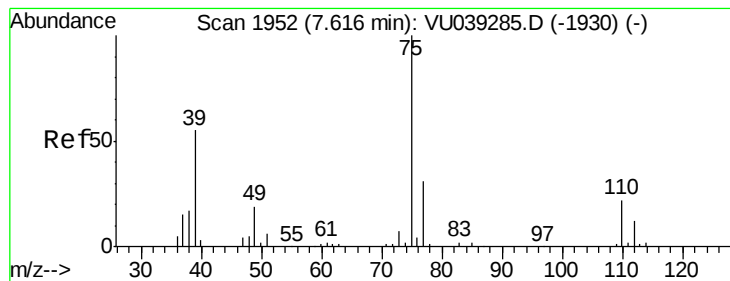
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



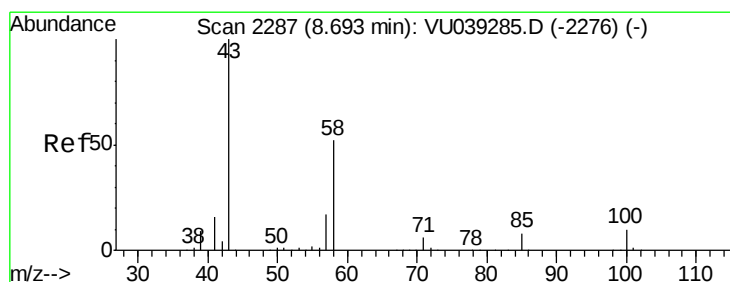
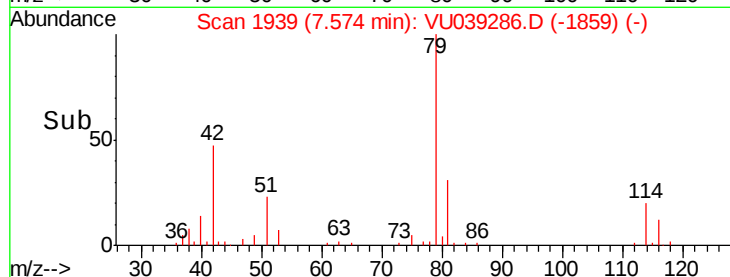
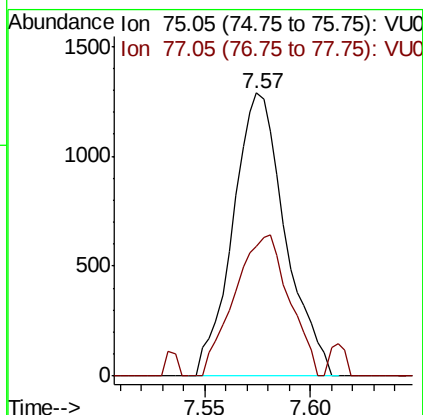
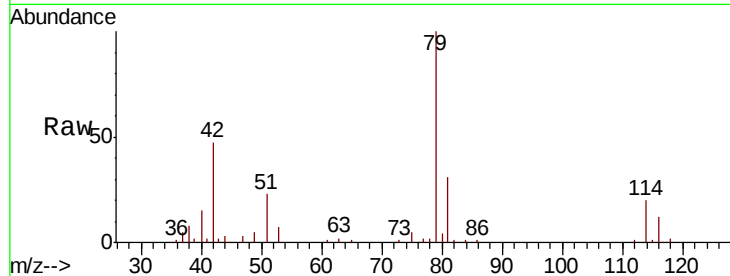


#39

cis-1,3-Dichloropropene
 Concen: 0.151 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039286.D
 Acq: 06 Jul 2020 13:04

Instrument :
 MSVOA_U
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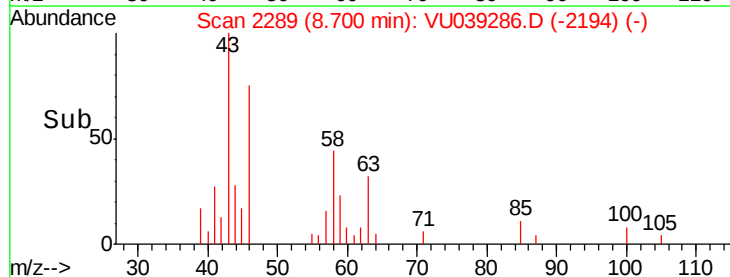
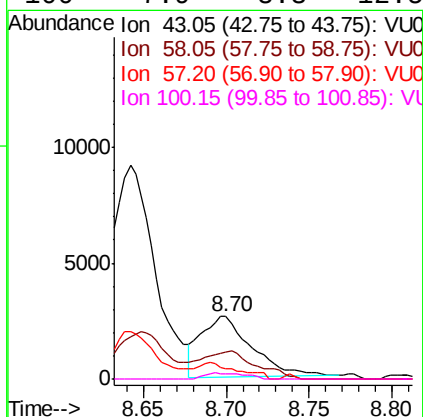
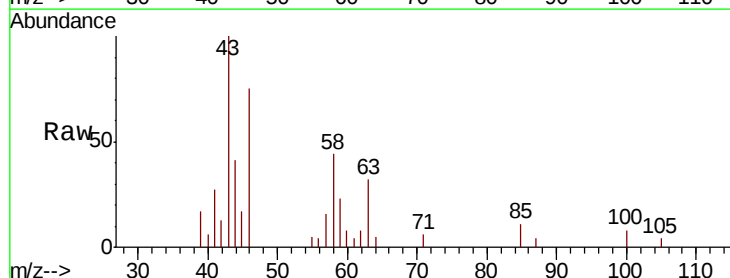
Tot Ion: 75 Resp: 2218
 Ion Ratio Lower Upper
 75 100
 77 45.7 23.3 43.3#

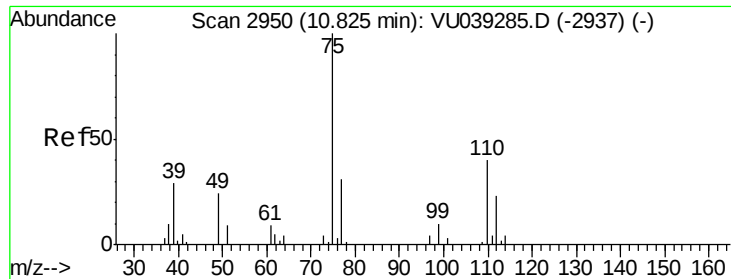


#48

2-Hexanone
 Concen: 0.935 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU039286.D
 Acq: 06 Jul 2020 13:04

Tgt Ion: 43 Resp: 5567
 Ion Ratio Lower Upper
 43 100
 58 49.0 43.1 64.7
 57 21.3 14.4 21.6
 100 7.9 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 1.230 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039286.D

Acq: 06 Jul 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

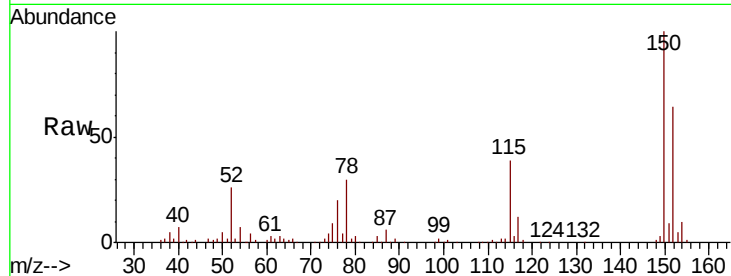
VBLK27

Tot Ion: 75 Resp: 8743

Ion Ratio Lower Upper

75 100

77 38.7 27.7 41.5

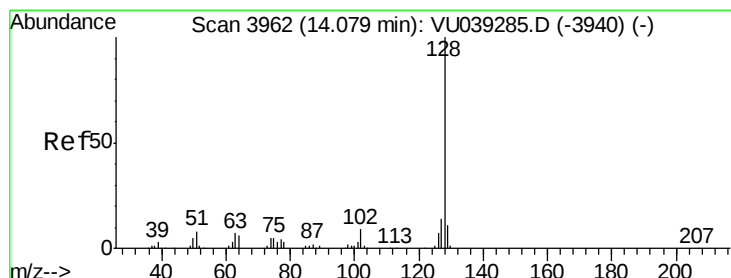
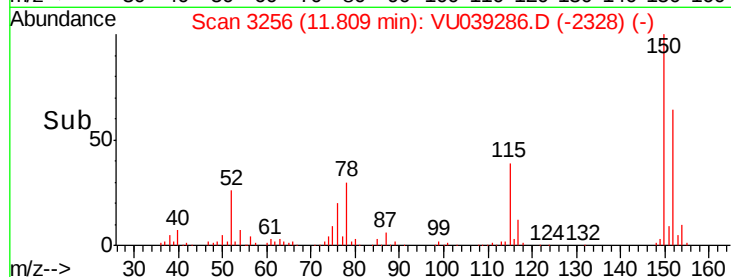


Abundance Ion 75.00 (74.70 to 75.70): VU039285.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039285.D (-2937) (-)

11.81

Time-->



#69

Naphthalene

Concen: 0.132 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039286.D

Acq: 06 Jul 2020 13:04

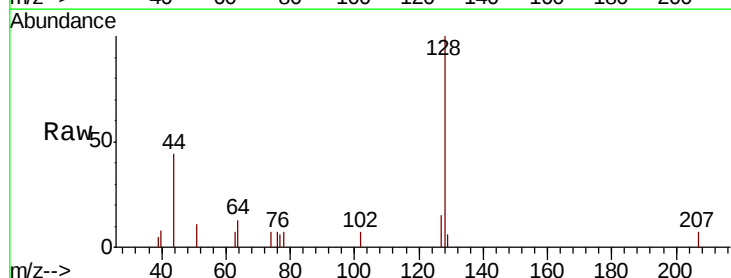
Tgt Ion: 128 Resp: 2948

Ion Ratio Lower Upper

128 100

129 4.8 8.3 12.5#

127 11.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): VU039285.D (-3940) (-)

Ion 129.00 (128.70 to 129.70): VU039285.D (-3940) (-)

Ion 127.00 (126.70 to 127.70): VU039285.D (-3940) (-)

14.08

Time-->

