

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070620\
 Data File : VU039287.D
 Acq On : 06 Jul 2020 13:42
 Operator : SY/MD
 Sample : L3193-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4302

Quant Time: Jul 07 01:18:46 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	6.26	114	121977	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45948	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	44420	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	67755	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.65	46	186421	52.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	5.08	84	91063	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	55163	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	184314	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.70	67	61729	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	164809	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	27596	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.64	63	146314	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	54765	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	63805	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

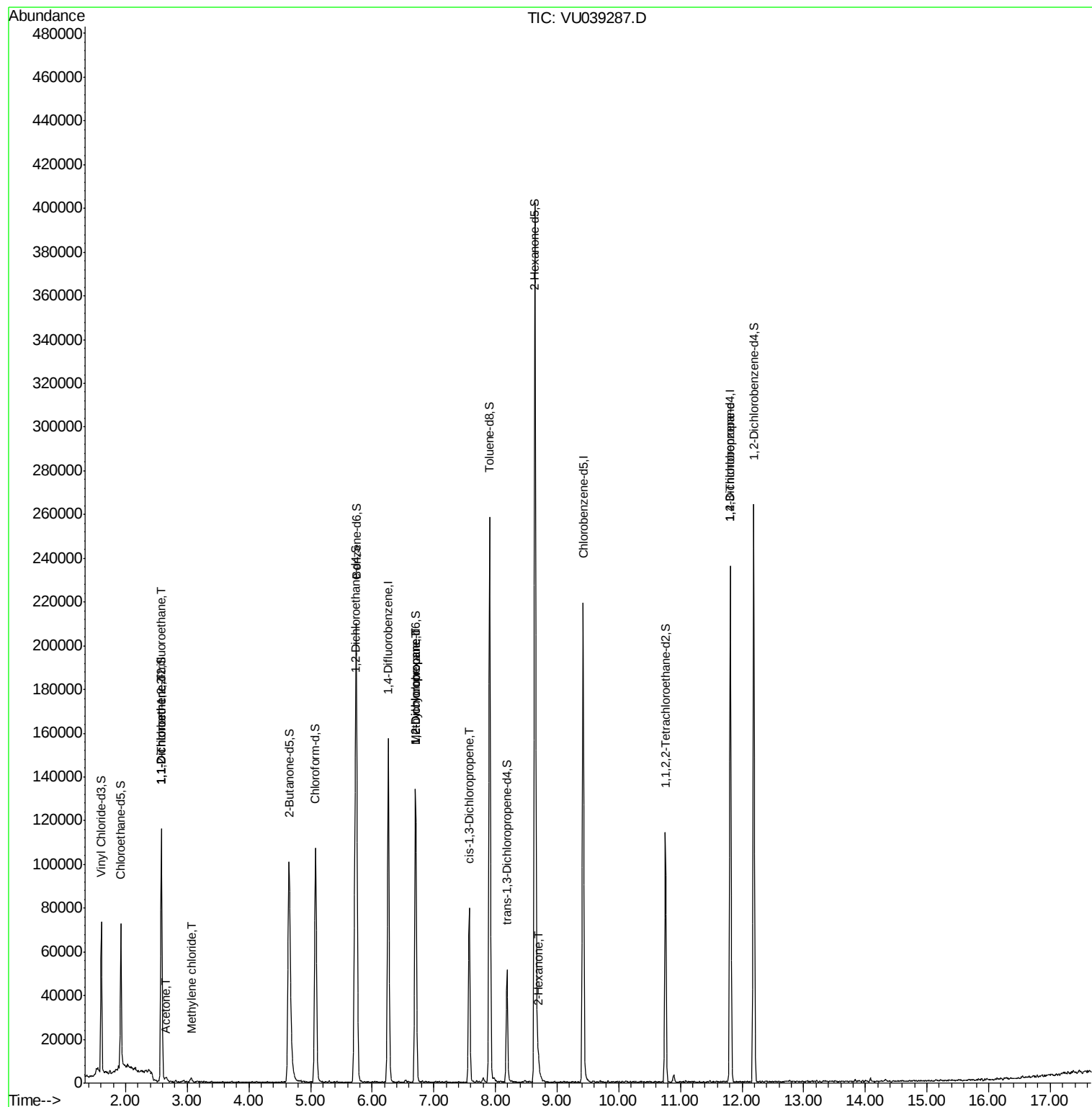
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	791	0.114	ug/L #	19
12) 1,1-Dichloroethene	2.58	96	680	0.098	ug/L #	1
13) Acetone	2.66	43	2878	1.720	ug/L	70
16) Methylene chloride	3.07	84	892	0.101	ug/L	90
35) Methylcyclohexane	6.70	83	12988	0.957	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	7055	0.770	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	2240	0.157	ug/L #	48
48) 2-Hexanone	8.70	43	6730	1.166	ug/L #	83
59) 1,2,3-Trichloropropane	11.81	75	8875	1.288	ug/L	94

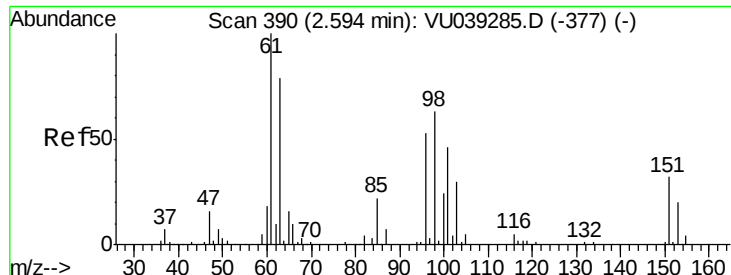
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.114 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU039287.D

Acq: 06 Jul 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

H4302

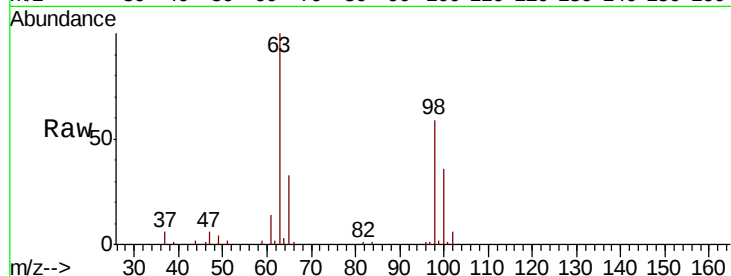
Tot Ion:101 Resp: 791

Ion Ratio Lower Upper

101 100

85 0.0 38.4 57.6#

151 0.0 58.3 87.5#

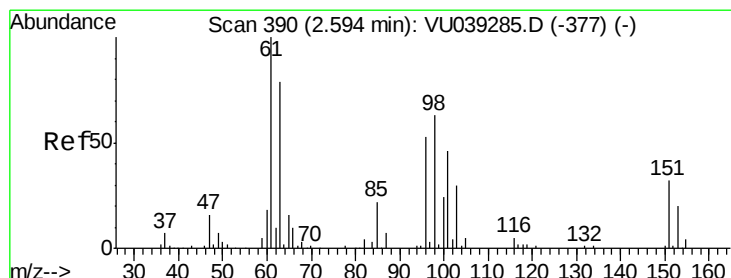
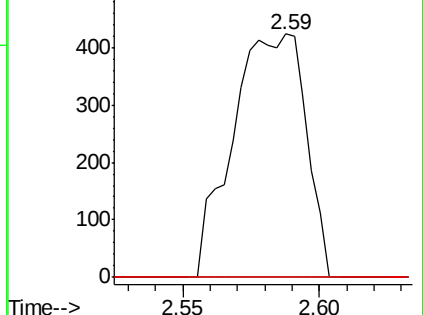
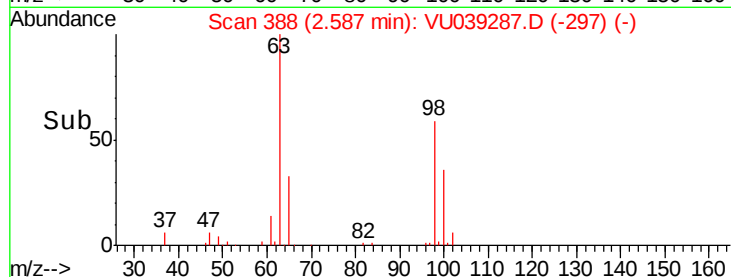


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

Time-->



#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039287.D

Acq: 06 Jul 2020 13:42

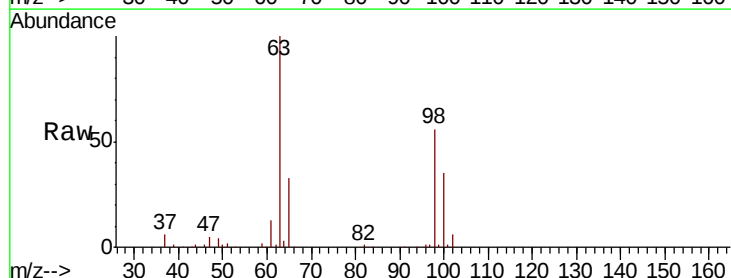
Tgt Ion: 96 Resp: 680

Ion Ratio Lower Upper

96 100

61 1028.0 123.8 230.0#

63 7893.4 112.1 208.3#

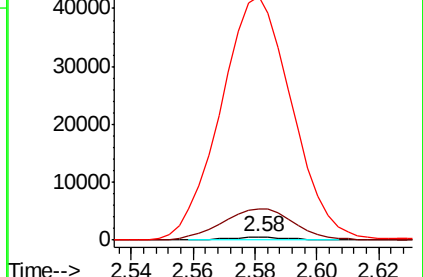
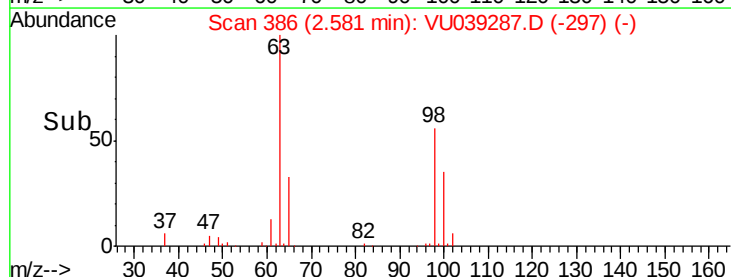


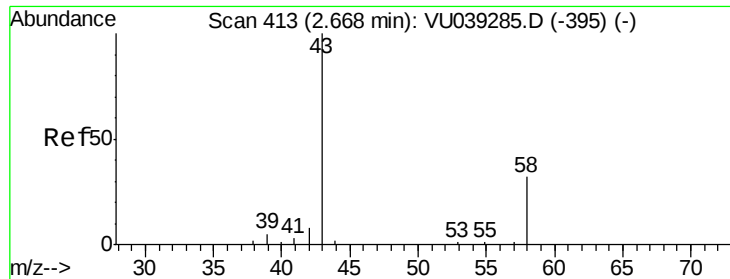
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

Time-->





#13

Acetone

Concen: 1.720 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU039287.D

Acq: 06 Jul 2020 13:42

Instrument :

MSVOA_U

ClientSampled :

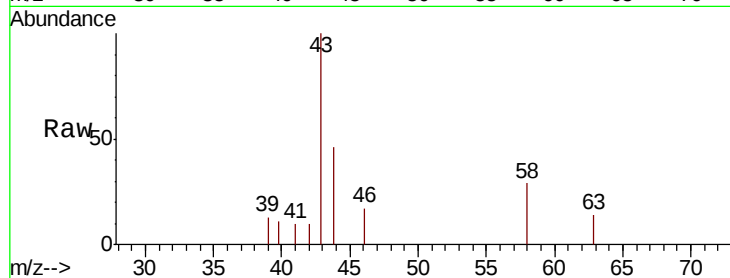
H4302

Tot Ion: 43 Resp: 2878

Ion Ratio Lower Upper

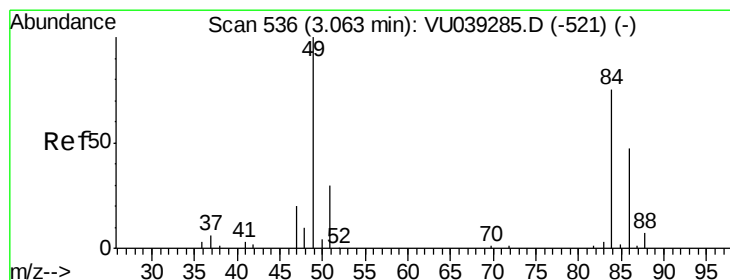
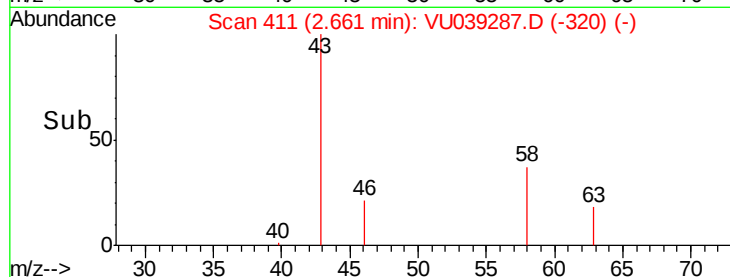
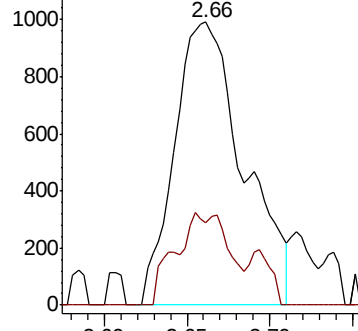
43 100

58 15.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU039287.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU039287.D (-411) (-)



#16

Methylene chloride

Concen: 0.101 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU039287.D

Acq: 06 Jul 2020 13:42

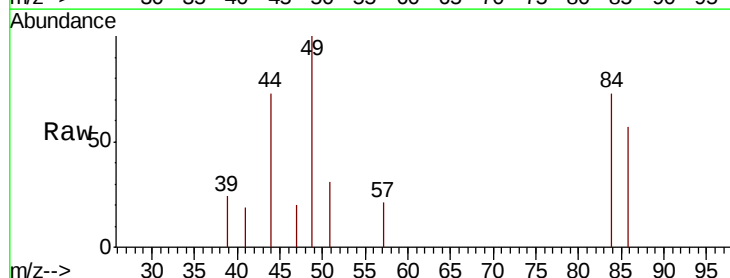
Tgt Ion: 84 Resp: 892

Ion Ratio Lower Upper

84 100

86 77.7 42.6 79.0

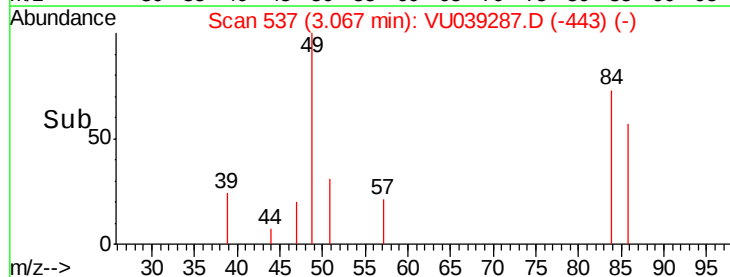
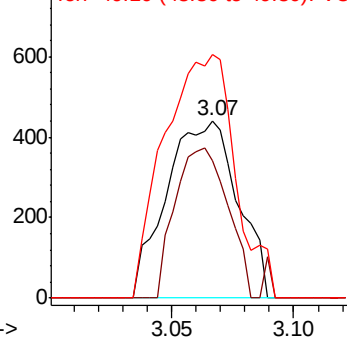
49 137.5 93.0 172.8

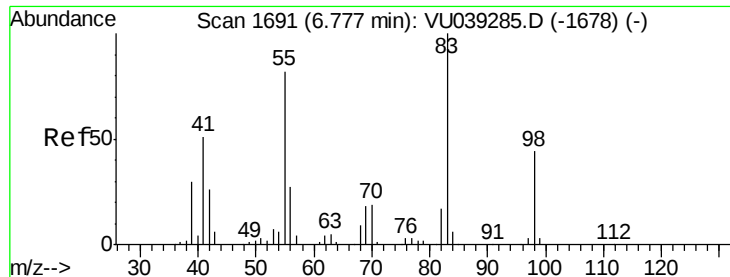


Abundance Ion 84.05 (83.75 to 84.75): VU039287.D (-537) (-)

Ion 86.00 (85.70 to 86.70): VU039287.D (-537) (-)

Ion 49.10 (48.80 to 49.80): VU039287.D (-537) (-)

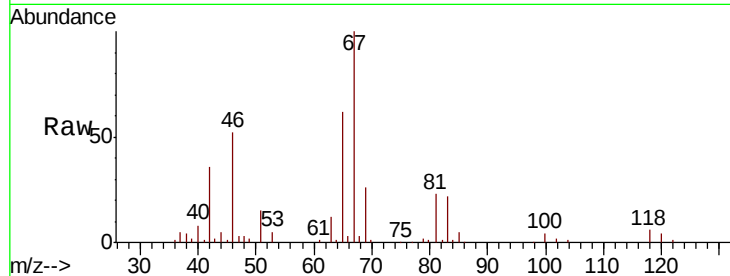




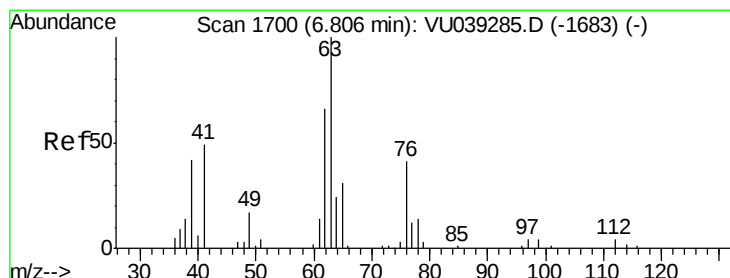
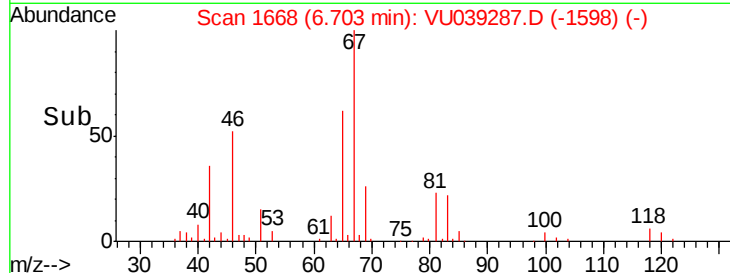
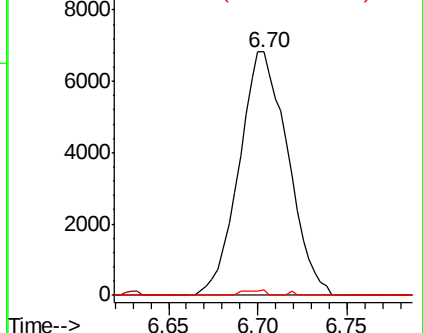
#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039287.D
Acq: 06 Jul 2020 13:42

Instrument :
MSVOA_U
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H4302

Tot Ion: 83 Resp: 12988
Ion Ratio Lower Upper
83 100
55 0.5 63.3 94.9#
98 1.0 37.4 56.2#

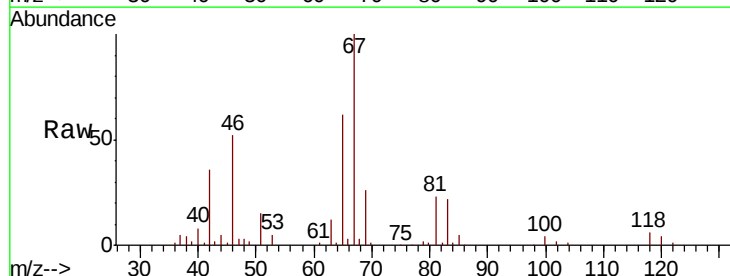


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

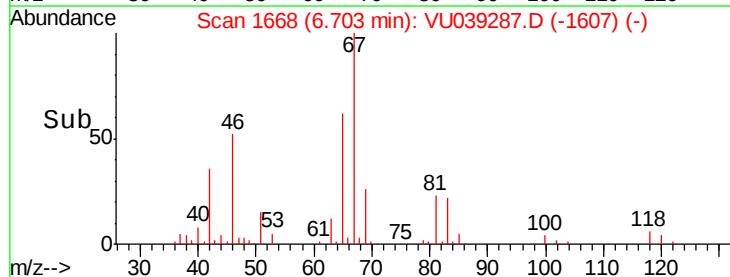
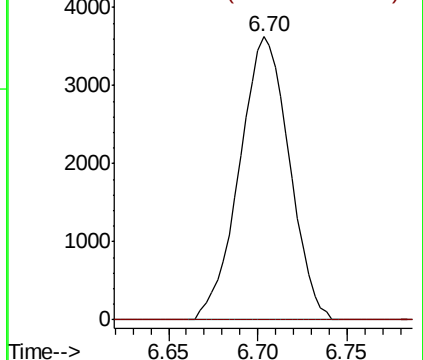


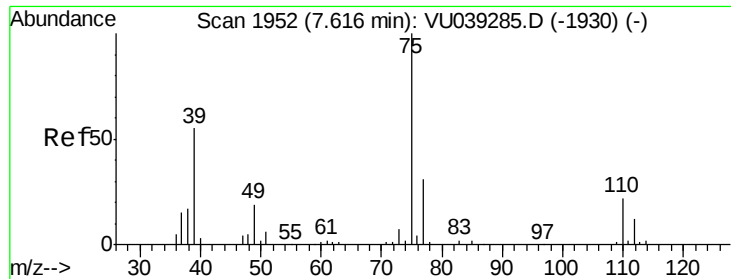
#37
1,2-Dichloropropane
Concen: 0.770 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039287.D
Acq: 06 Jul 2020 13:42

Tgt Ion: 63 Resp: 7055
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

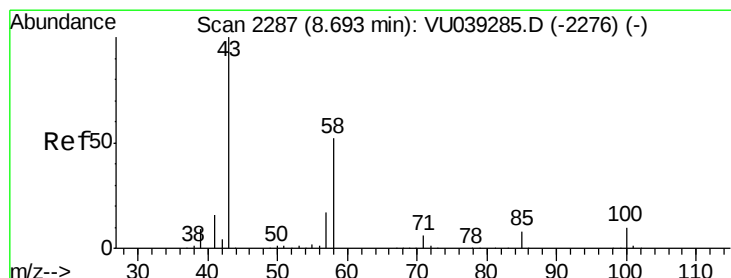
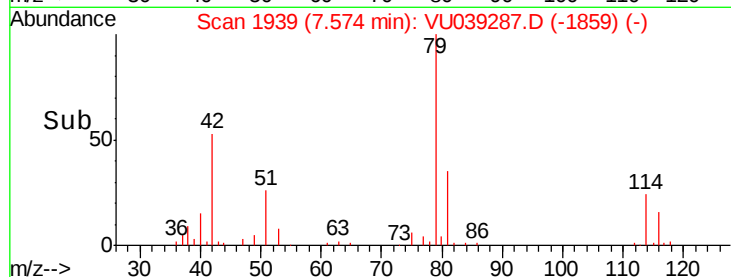
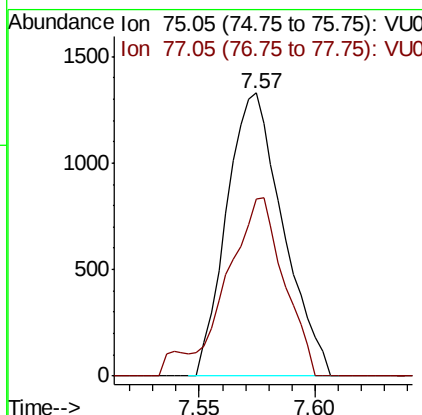
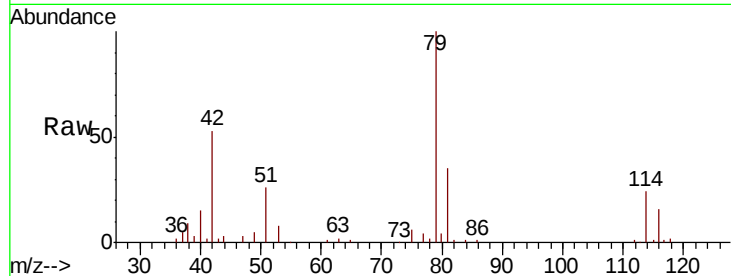




#39
 cis-1,3-Dichloropropene
 Concen: 0.157 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039287.D
 Acq: 06 Jul 2020 13:42

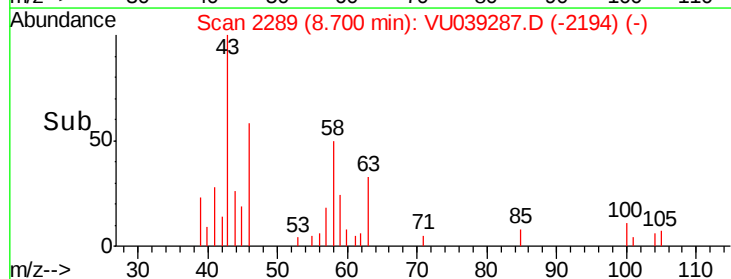
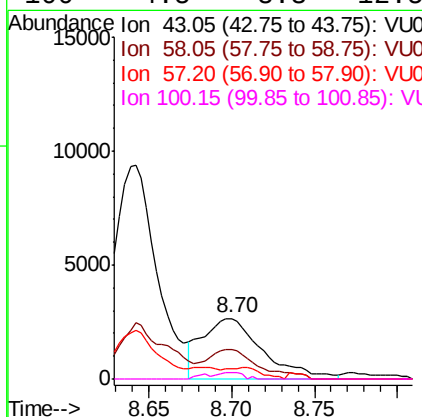
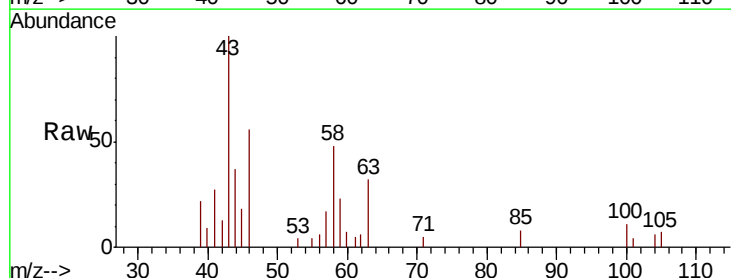
Instrument :
 MSVOA_U
 ClientSampled :
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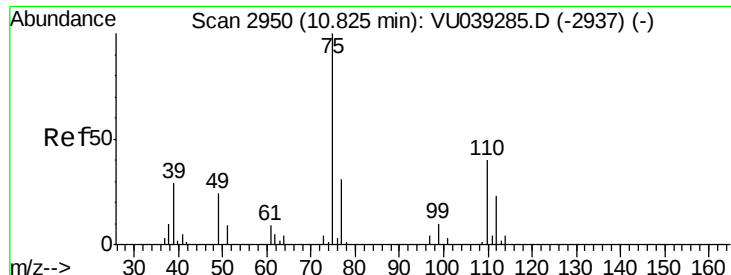
Tot Ion: 75 Resp: 2240
 Ion Ratio Lower Upper
 75 100
 77 62.6 23.3 43.3#



#48
 2-Hexanone
 Concen: 1.166 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU039287.D
 Acq: 06 Jul 2020 13:42

Tgt Ion: 43 Resp: 6730
 Ion Ratio Lower Upper
 43 100
 58 41.7 43.1 64.7#
 57 9.4 14.4 21.6#
 100 4.5 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.98 min

Lab File: VU039287.D

Acq: 06 Jul 2020 13:42

Instrument :

MSVOA_U

ClientSampleId :

H4302

Tot Ion: 75 Resp: 8875

Ion Ratio Lower Upper

75 100

77 38.1 27.7 41.5

