

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
 Data File : VU039863.D
 Acq On : 14 Aug 2020 16:32
 Operator : SY/MD
 Sample : L3683-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 17 05:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73257	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37237	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17981	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.92	69	18178	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.58	63	27220	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	90098	50.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.22%
24) Chloroform-d	5.08	84	45031	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.72	65	26875	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.74	84	80835	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	27972	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	66611	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	10825	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	67143	54.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26214	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	31295	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

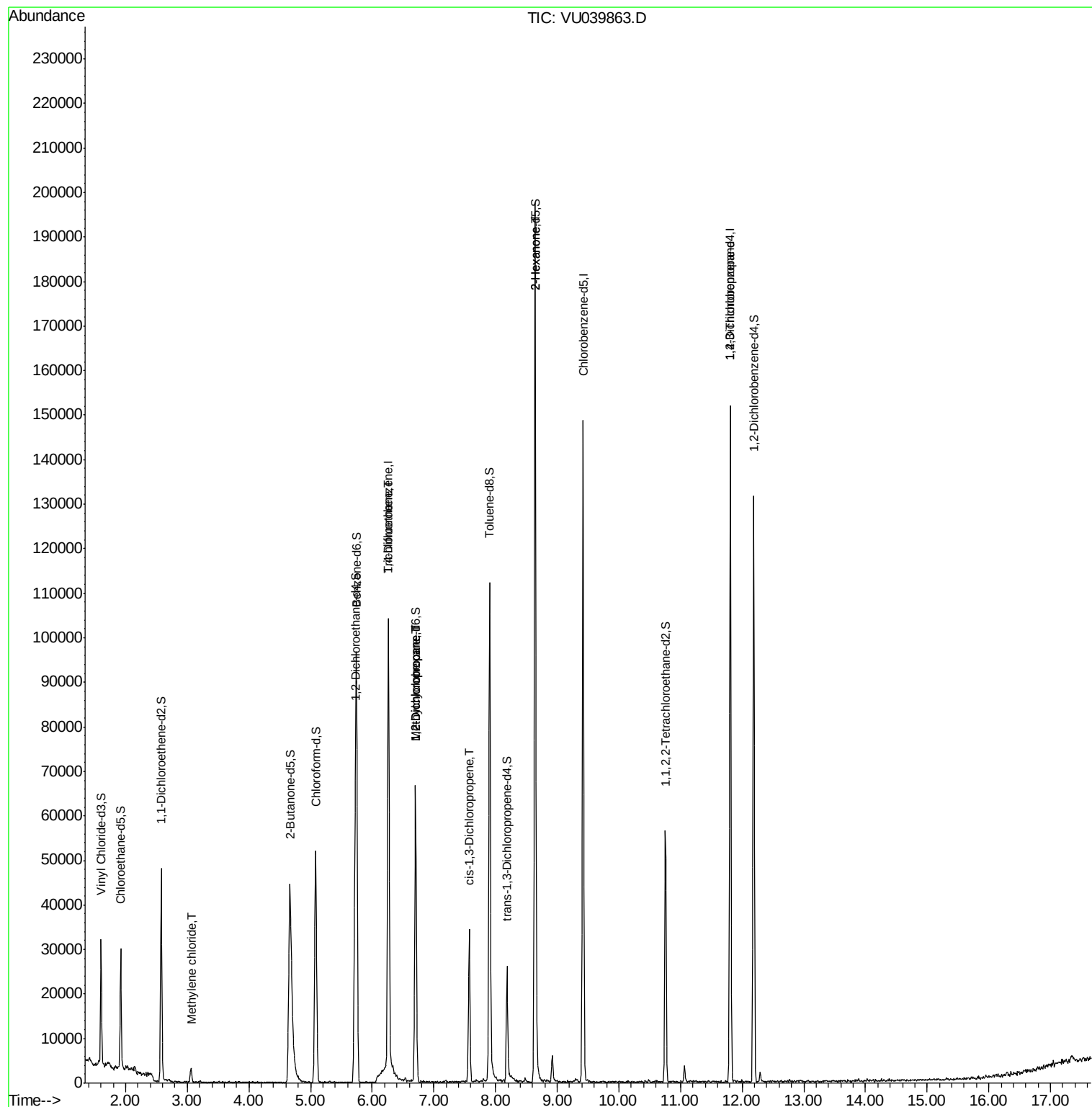
					Ovalue
16) Methylene chloride	3.06	84	1334	0.183 ug/L	98
34) Trichloroethene	6.27	95	1293	0.249 ug/L #	4
35) Methylcyclohexane	6.70	83	6722	0.812 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3385	0.639 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	832	0.115 ug/L #	69
48) 2-Hexanone	8.64	43	9640	3.370 ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	4934	1.290 ug/L #	84

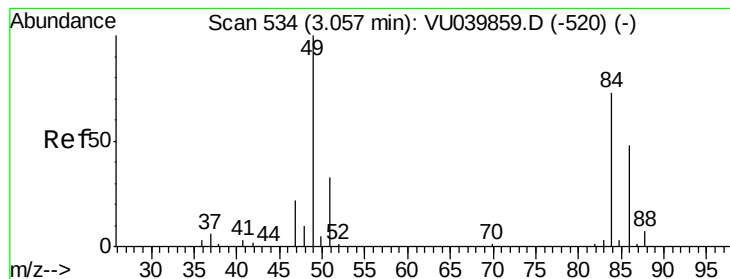
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.183 ug/L

RT: 3.06 min Scan# 534

Delta R.T. 0.00 min

Lab File: VU039863.D

Acq: 14 Aug 2020 16:32

Instrument :

MSVOA_U

ClientSampled :

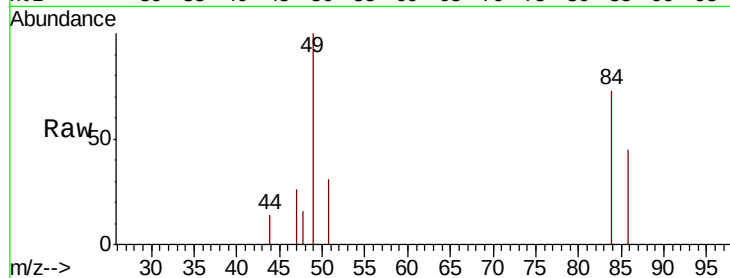
Tot Ion: 84 Resp: 1334

Ion Ratio Lower Upper

84 100

86 61.4 43.9 81.5

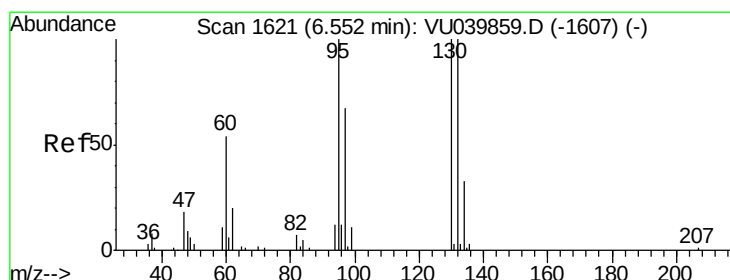
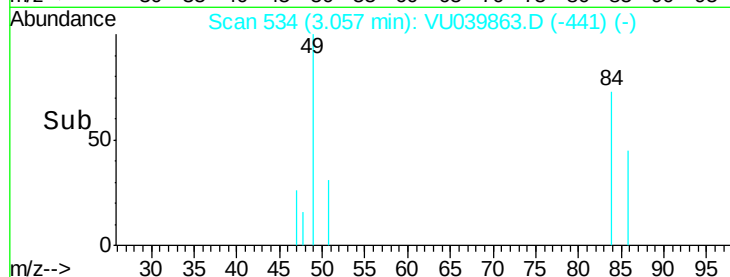
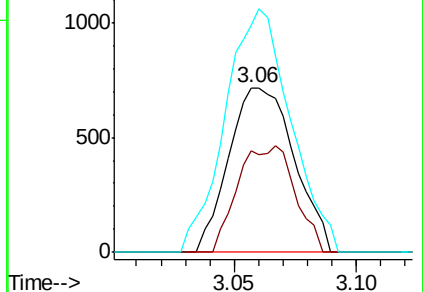
49 137.7 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039863.D (-441) (-)

Ion 86.00 (85.70 to 86.70): VU039863.D (-441) (-)

Ion 49.10 (48.80 to 49.80): VU039863.D (-441) (-)



#34

Trichloroethene

Concen: 0.249 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU039863.D

Acq: 14 Aug 2020 16:32

Tgt Ion: 95 Resp: 1293

Ion Ratio Lower Upper

95 100

97 0.0 44.0 81.8#

132 0.0 71.7 133.3#

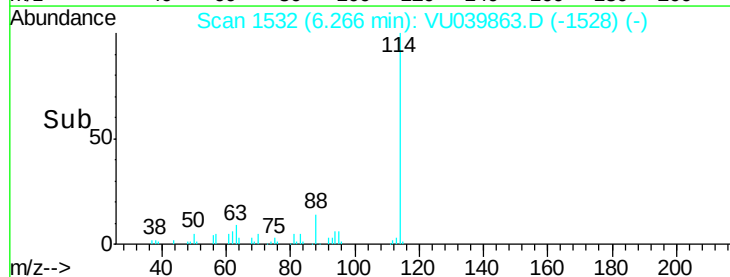
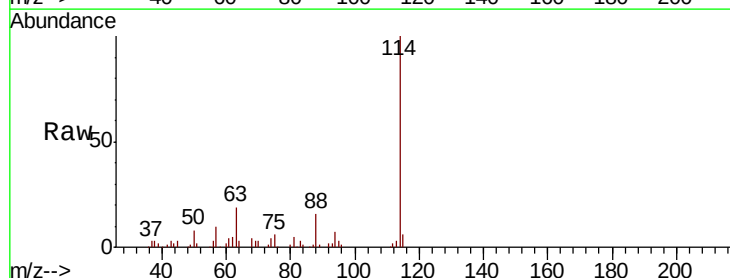
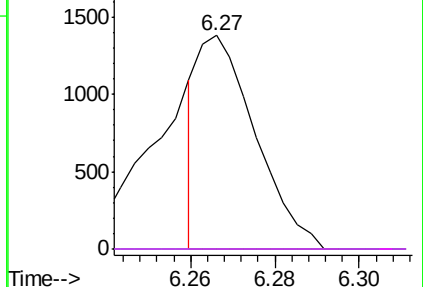
130 0.0 71.1 132.1#

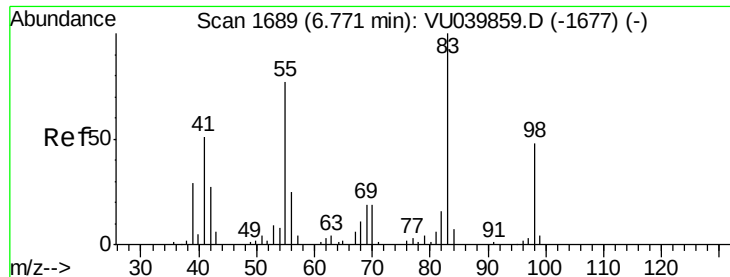
Abundance Ion 95.00 (94.70 to 95.70): VU039863.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU039863.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039863.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039863.D (-1528) (-)

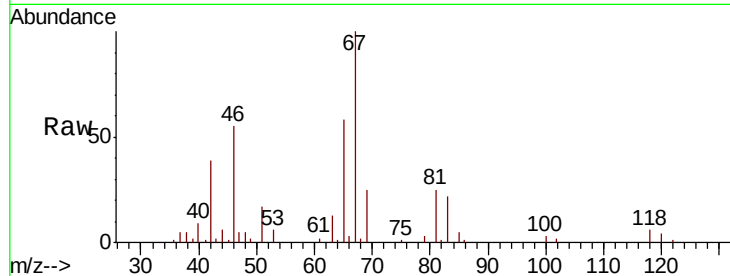




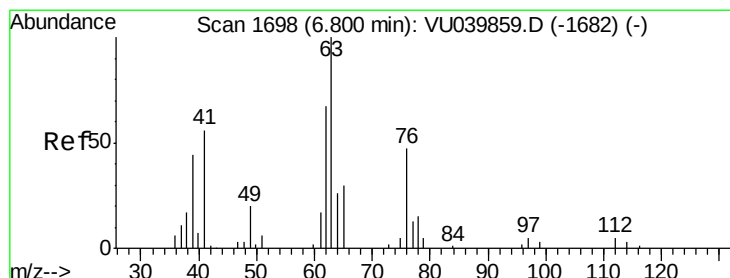
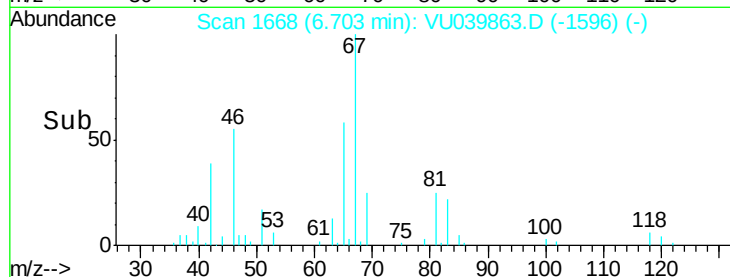
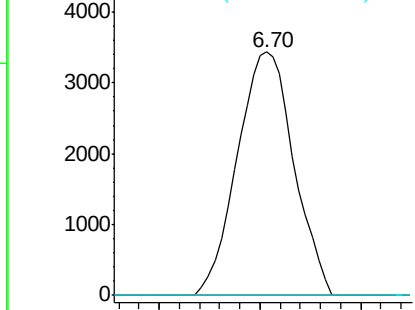
#35
Methylvlcyclohexane
Concen: 0.812 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039863.D
Acq: 14 Aug 2020 16:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6722
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.8 39.0 58.4#

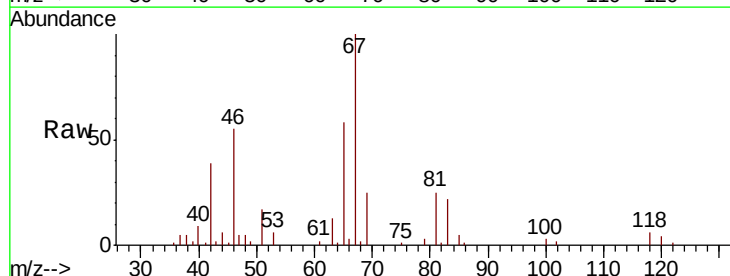


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

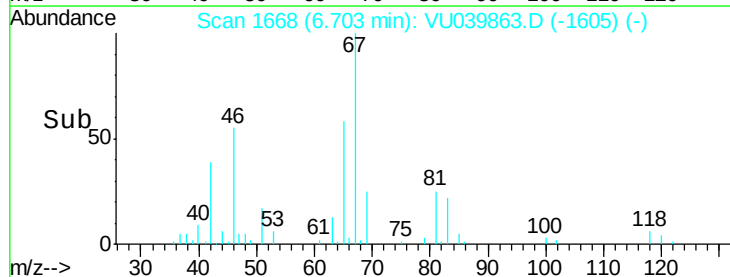
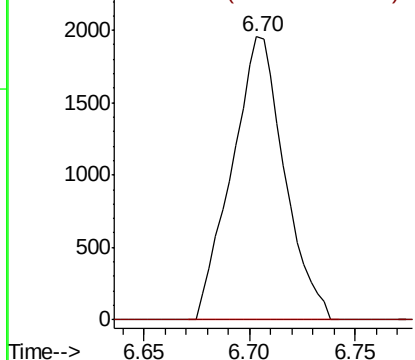


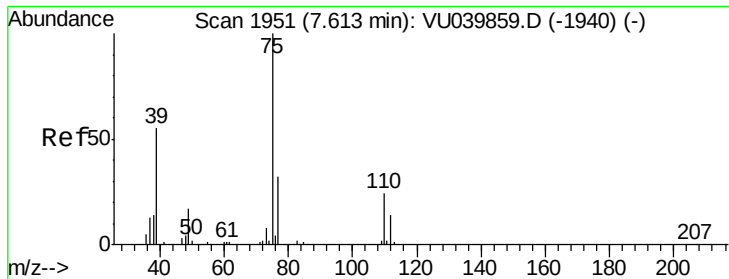
#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039863.D
Acq: 14 Aug 2020 16:32

Tgt Ion: 63 Resp: 3385
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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: 0.115 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039863.D

Acq: 14 Aug 2020 16:32

Instrument :

MSVOA_U

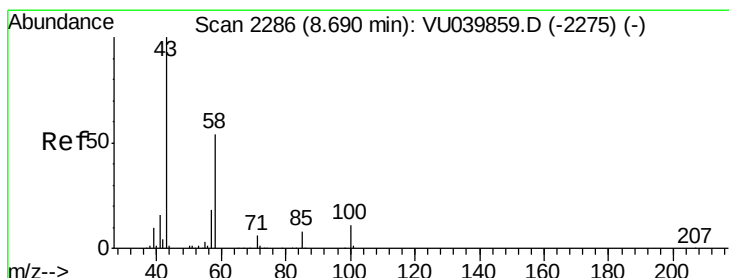
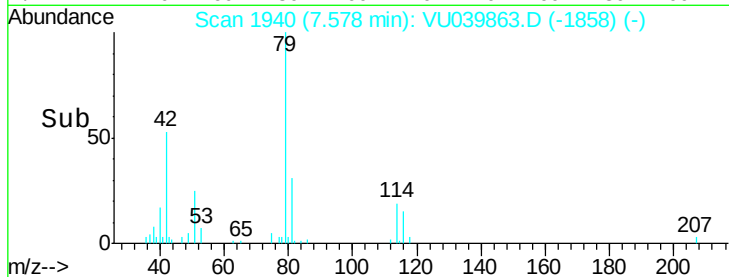
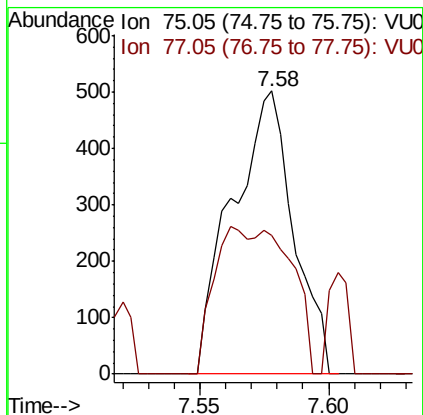
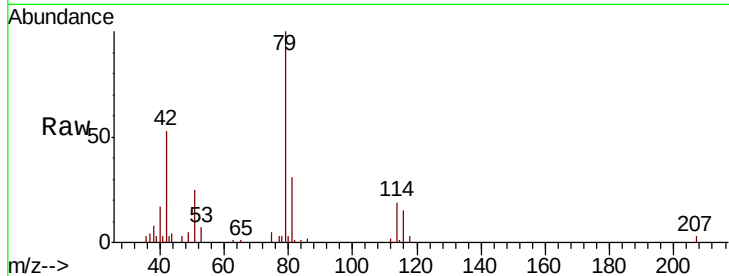
ClientSampleId :

Tot Ion: 75 Resp: 832

Ion Ratio Lower Upper

75 100

77 49.2 22.4 41.6#



#48

2-Hexanone

Concen: 3.370 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU039863.D

Acq: 14 Aug 2020 16:32

Tgt Ion: 43 Resp: 9640

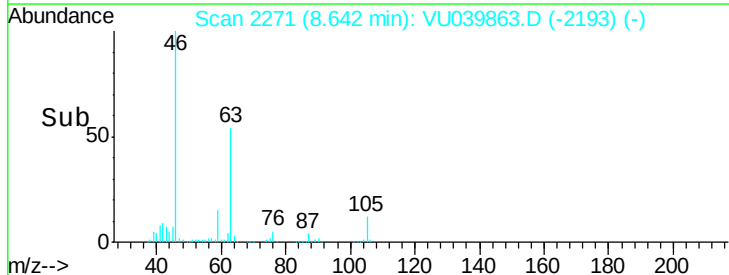
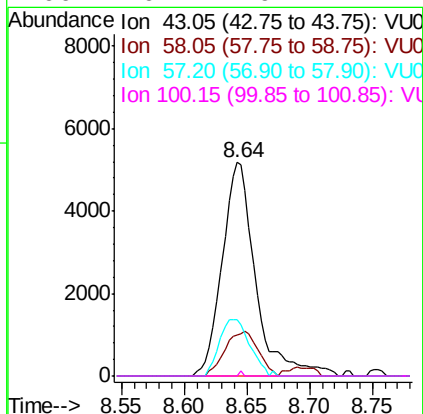
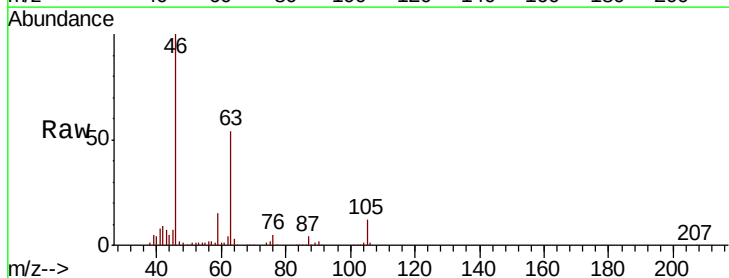
Ion Ratio Lower Upper

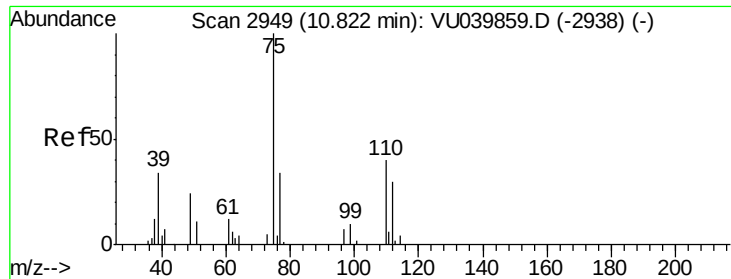
43 100

58 20.5 41.8 62.8#

57 24.0 14.2 21.4#

100 0.2 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.290 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039863.D

Acq: 14 Aug 2020 16:32

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4934

Ion Ratio Lower Upper

75 100

77 39.6 24.6 37.0#

