

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040298.D
 Acq On : 25 Sep 2020 14:28
 Operator : SY/MD
 Sample : VIBLK65
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK65

Quant Time: Sep 26 04:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59774	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32097	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	30160	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	53993	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.65	46	158264	54.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	5.08	84	73715	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	45287	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.74	84	139241	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	47060	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.91	98	111476	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.19	79	17634	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.64	63	108584	48.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42059	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44614	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

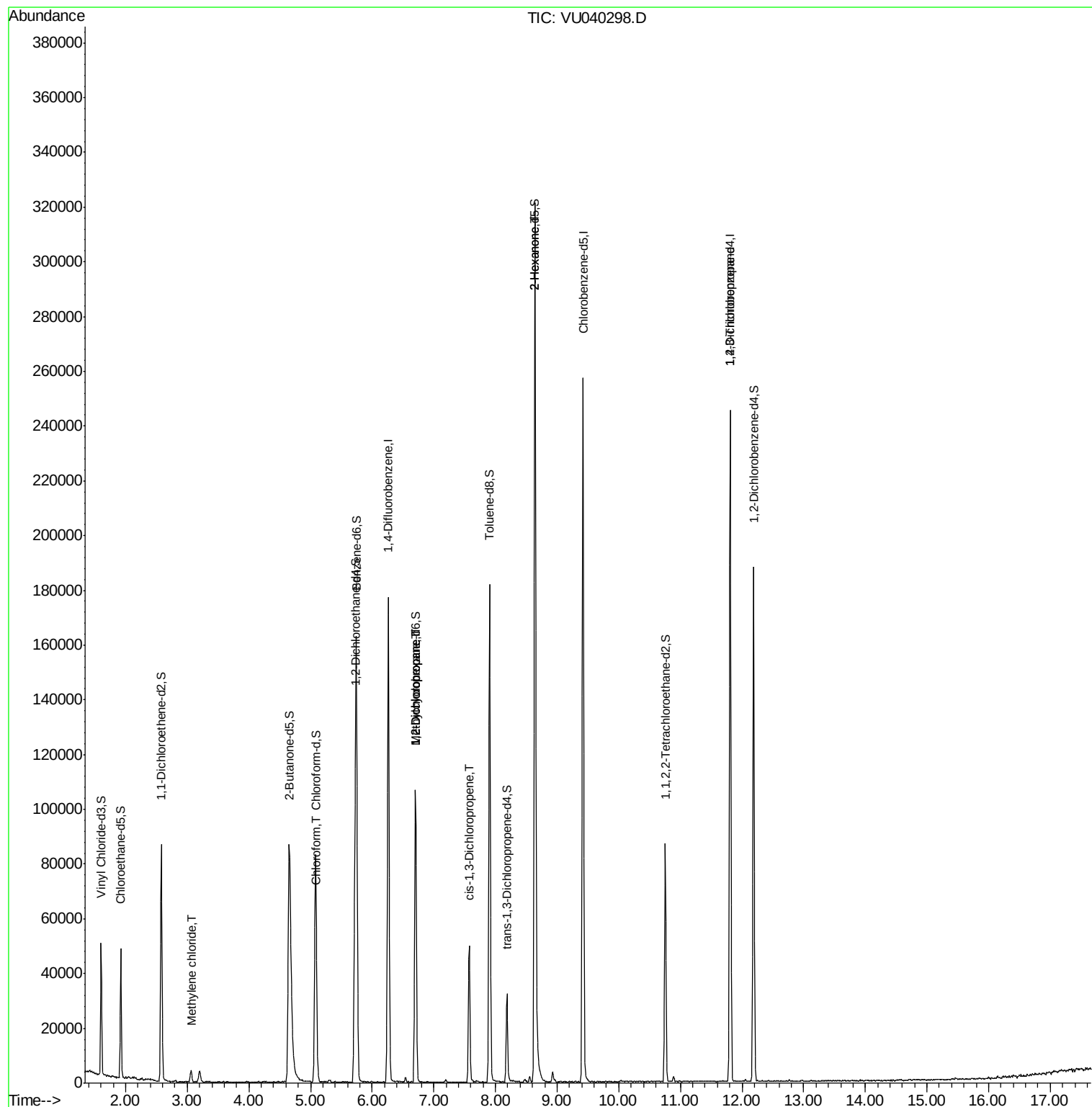
					Ovalue
16) Methylene chloride	3.07	84	1863	0.139 ug/L	90
25) Chloroform	5.11	83	2757	0.119 ug/L	96
35) Methylcyclohexane	6.70	83	11071	0.569 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5455	0.425 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1421	0.075 ug/L	83
48) 2-Hexanone	8.64	43	17446	2.272 ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	8271	0.870 ug/L #	86

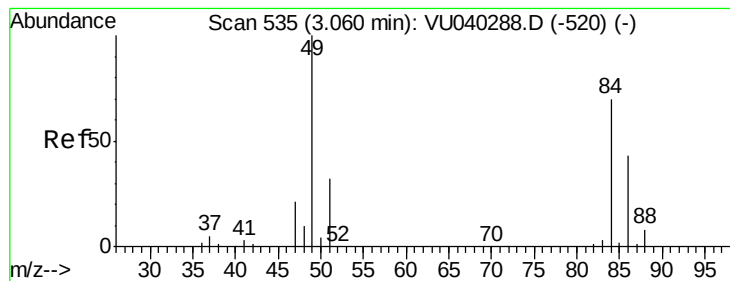
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.139 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU040298.D

Acq: 25 Sep 2020 14:28

Instrument :

MSVOA_U

ClientSampleId :

VIBLK65

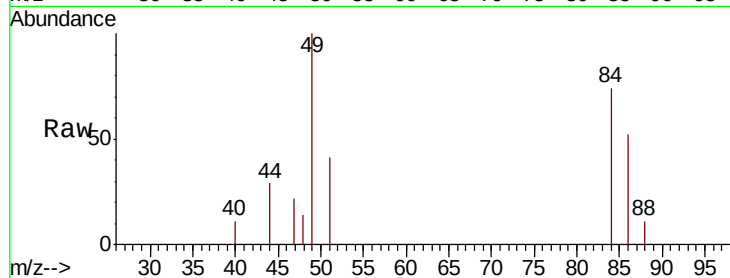
Tot Ion: 84 Resp: 1863

Ion Ratio Lower Upper

84 100

86 71.0 45.2 84.0

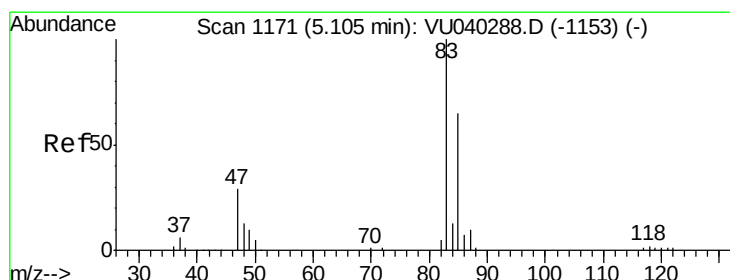
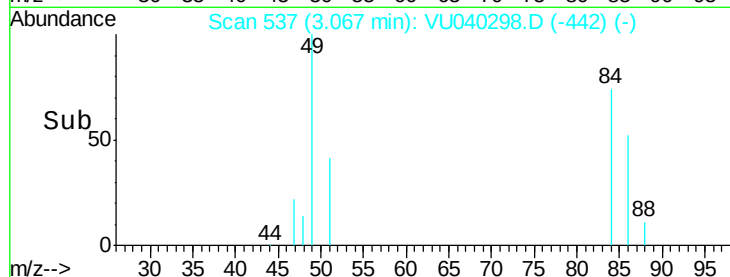
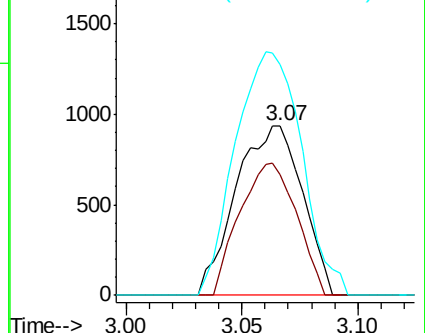
49 135.6 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU040298.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040298.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040298.D (-442) (-)



#25

Chloroform

Concen: 0.119 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040298.D

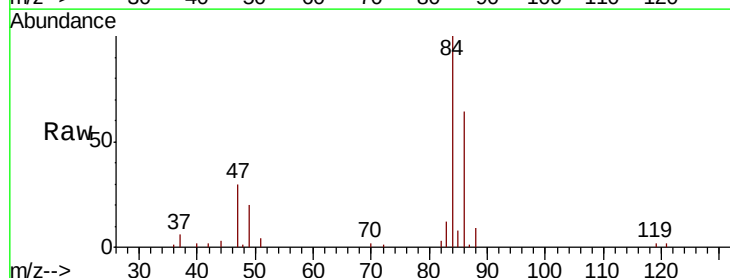
Acq: 25 Sep 2020 14:28

Tgt Ion: 83 Resp: 2757

Ion Ratio Lower Upper

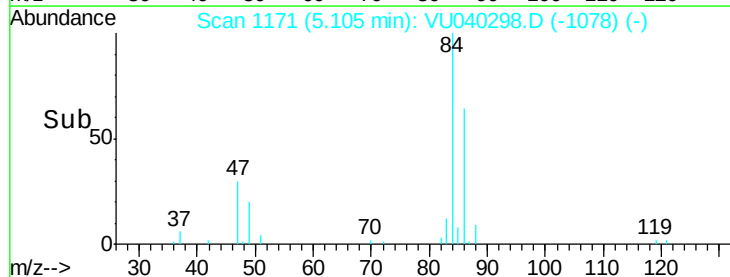
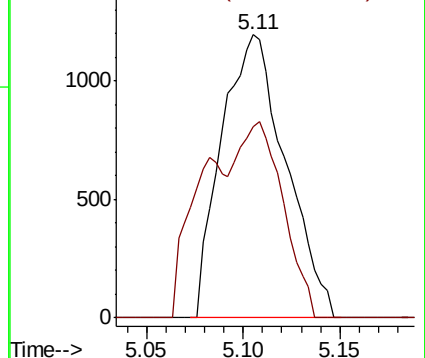
83 100

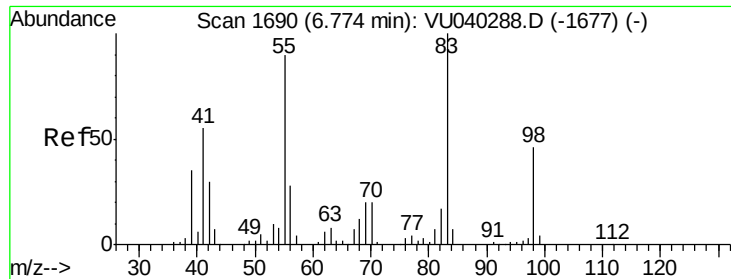
85 67.7 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040298.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040298.D (-1078) (-)

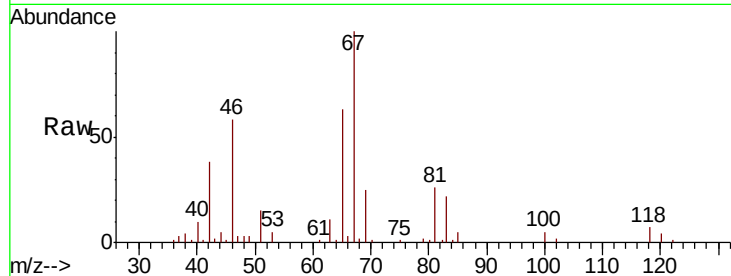




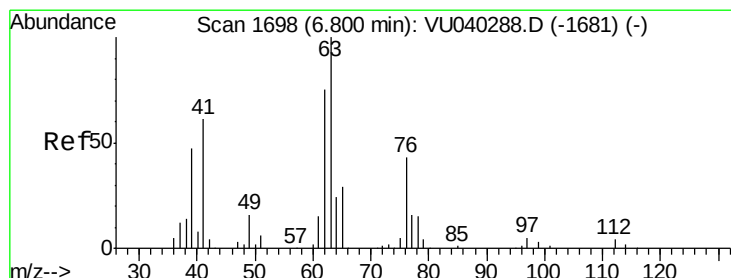
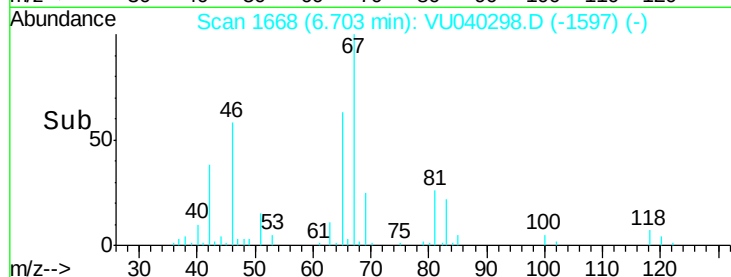
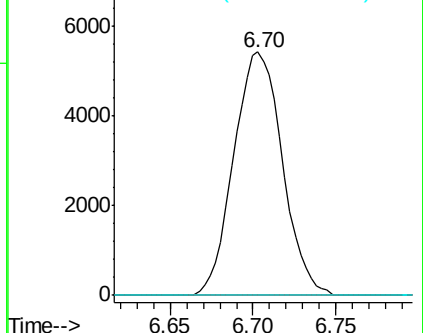
#35
Methylvlcyclohexane
Concen: 0.569 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040298.D
Acq: 25 Sep 2020 14:28

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VIBLK65

Tot Ion: 83 Resp: 11071
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 2.3 37.8 56.6#

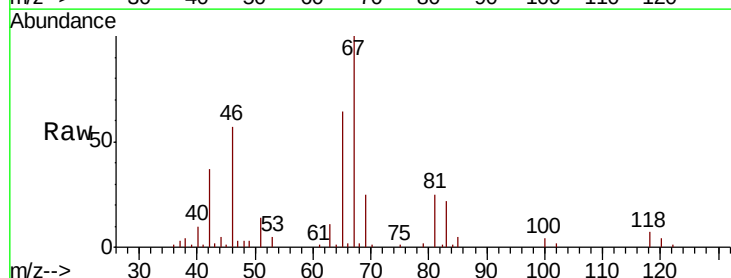


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

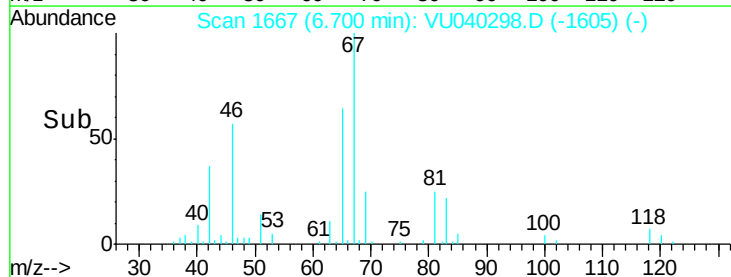
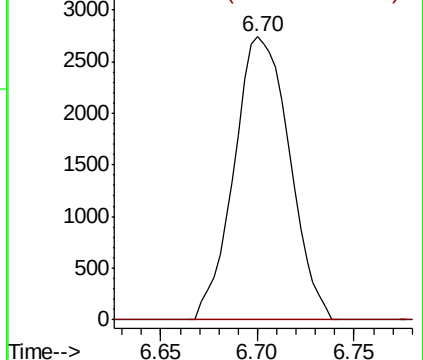


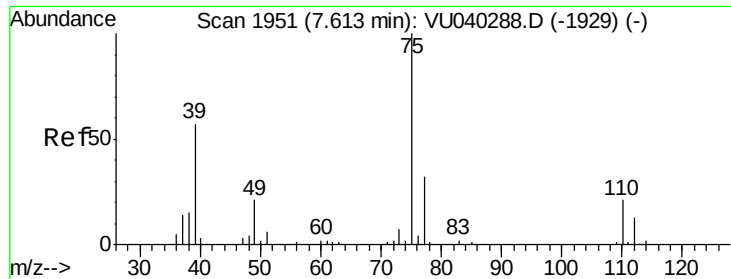
#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040298.D
Acq: 25 Sep 2020 14:28

Tgt Ion: 63 Resp: 5455
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

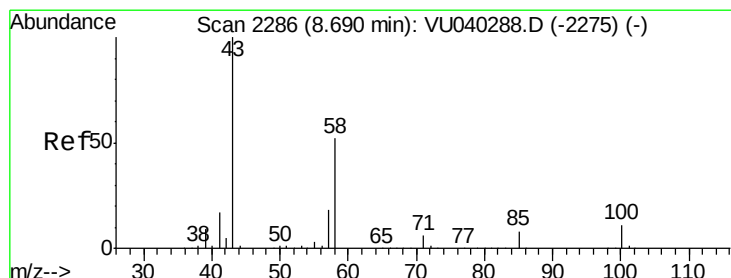
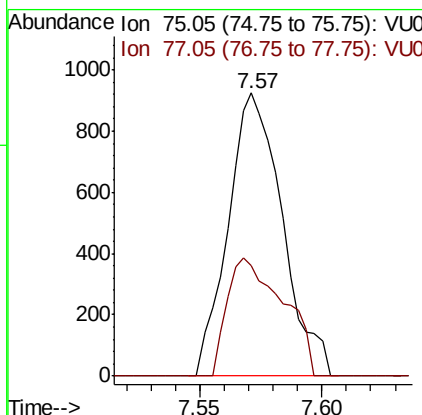
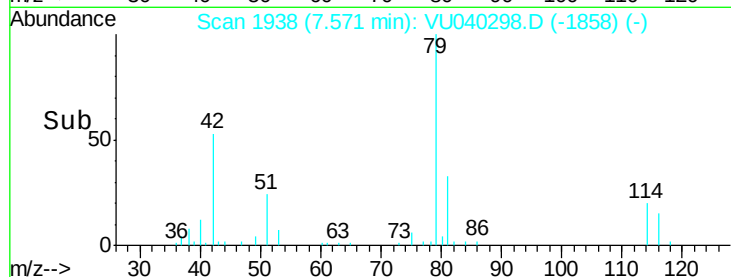
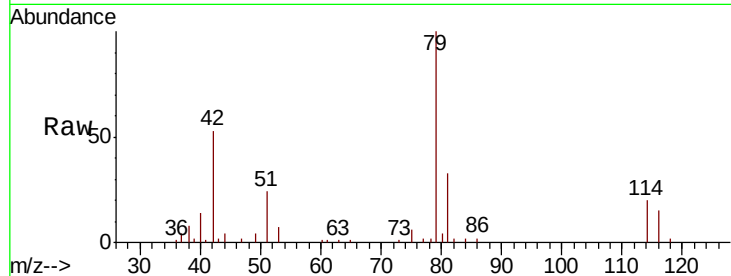




#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040298.D
 Acq: 25 Sep 2020 14:28

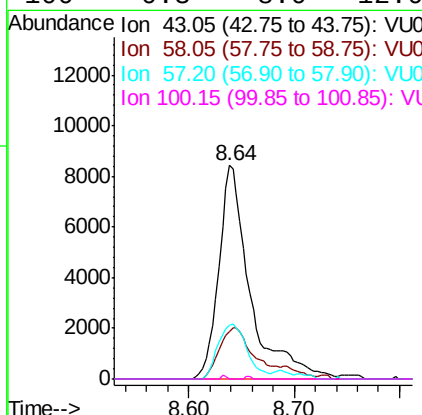
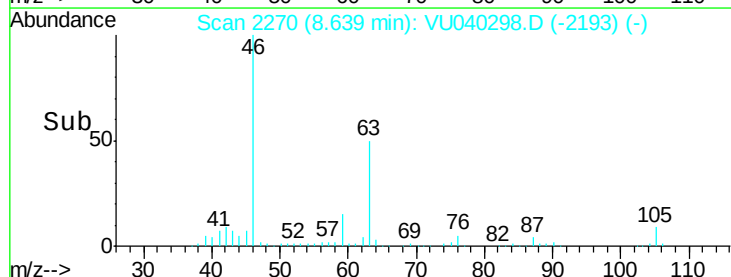
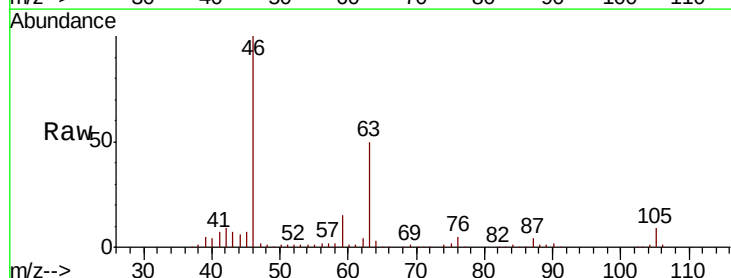
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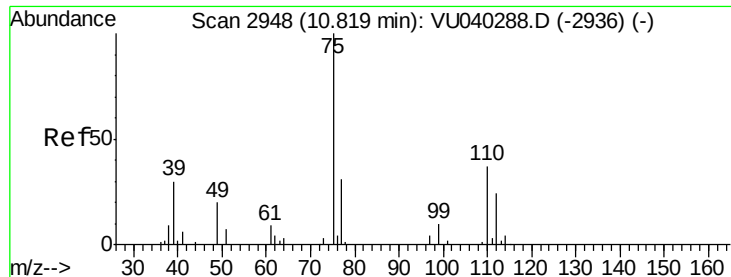
Tot Ion: 75 Resp: 1421
 Ion Ratio Lower Upper
 75 100
 77 39.2 21.1 39.3



#48
 2-Hexanone
 Concen: 2.272 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040298.D
 Acq: 25 Sep 2020 14:28

Tgt Ion: 43 Resp: 17446
 Ion Ratio Lower Upper
 43 100
 58 29.4 39.6 59.4#
 57 23.8 14.3 21.5#
 100 0.3 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.870 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040298.D

Acq: 25 Sep 2020 14:28

Instrument :

MSVOA_U

ClientSampleId :

VIBLK65

Tot Ion: 75 Resp: 8271

Ion Ratio Lower Upper

75 100

77 39.1 24.9 37.3#

