

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040401.D
 Acq On : 30 Sep 2020 16:03
 Operator : SY/MD
 Sample : VIBLK65
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK65

Quant Time: Oct 01 03:08:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26098	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.92	69	25074	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.58	63	43218	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.66	46	156240	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	5.08	84	68194	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	43844	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.75	84	121496	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	45074	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	94182	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.19	79	16589	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	107894	44.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43955	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45296	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

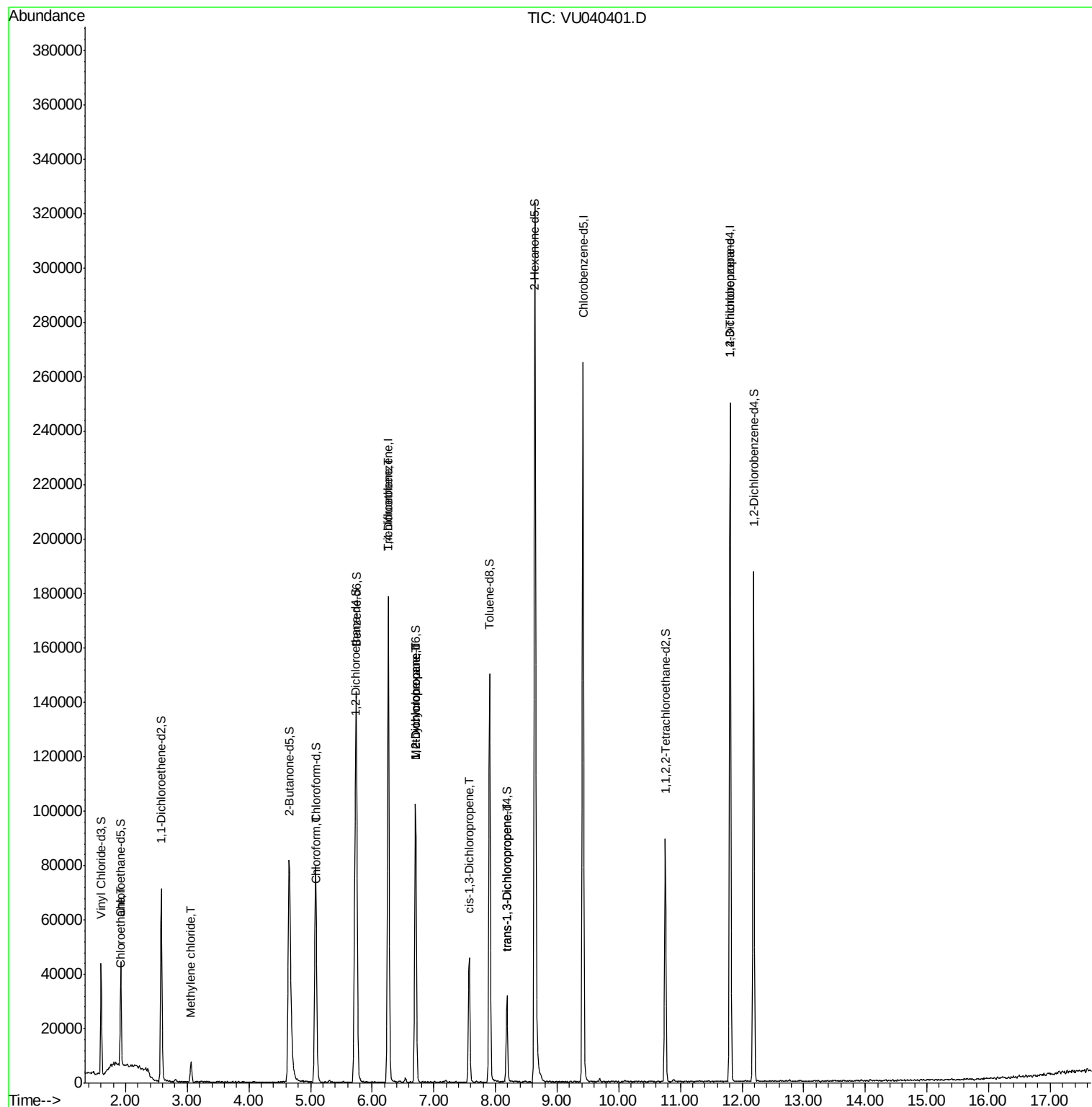
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.90	64	294	0.039	ug/L #	53
16) Methylene chloride	3.06	84	3215	0.253	ug/L	92
25) Chloroform	5.11	83	3326	0.152	ug/L	85
34) Trichloroethene	6.26	95	2351	0.194	ug/L #	8
35) Methylcyclohexane	6.70	83	10454	0.587	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5173	0.406	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1201	0.070	ug/L #	70
44) trans-1,3-Dichloropropene	8.19	75	877	0.056	ug/L	95
59) 1,2,3-Trichloropropane	11.81	75	8235	0.892	ug/L #	82

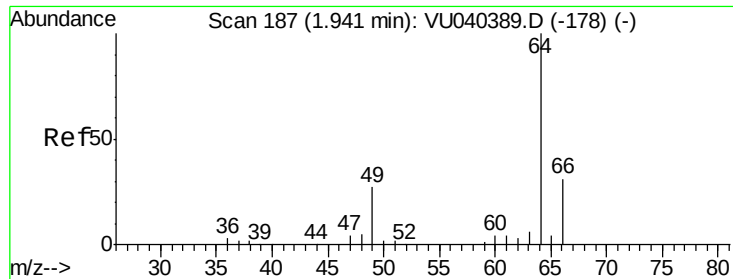
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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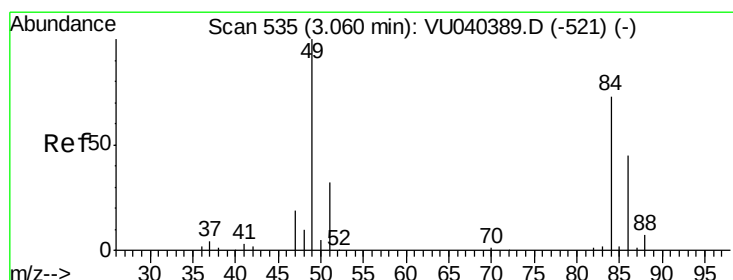
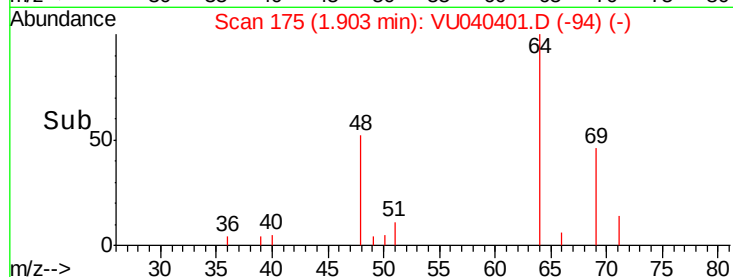
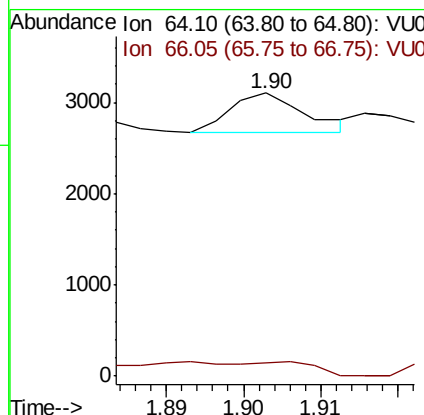
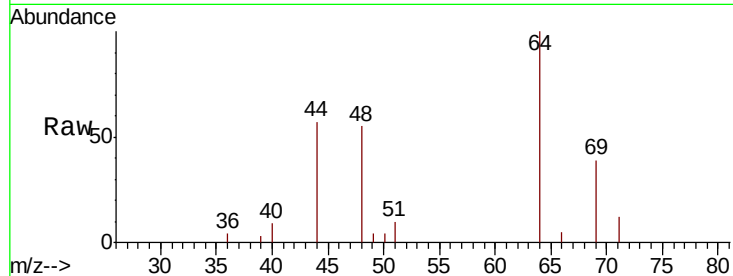




#8
 Chloroethane
 Concen: 0.039 ug/L
 RT: 1.90 min Scan# 175
 Delta R.T. -0.04 min
 Lab File: VU040401.D
 Acq: 30 Sep 2020 16:03

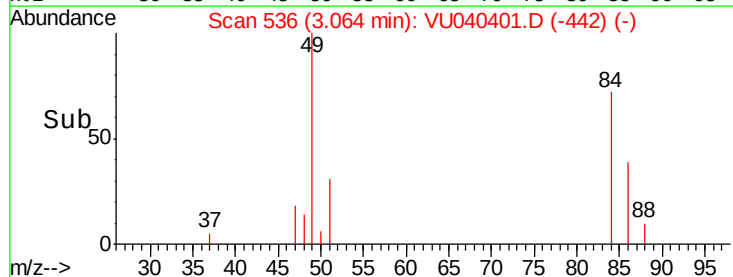
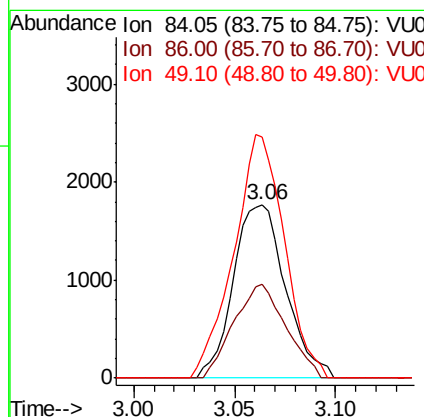
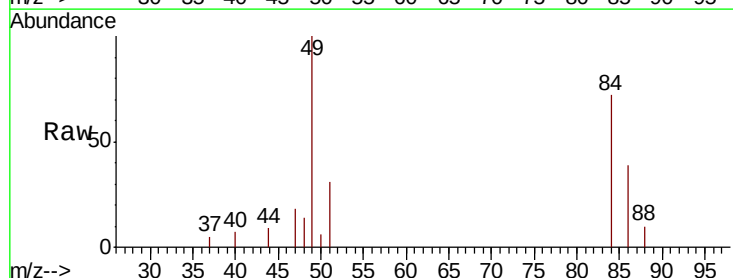
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK65

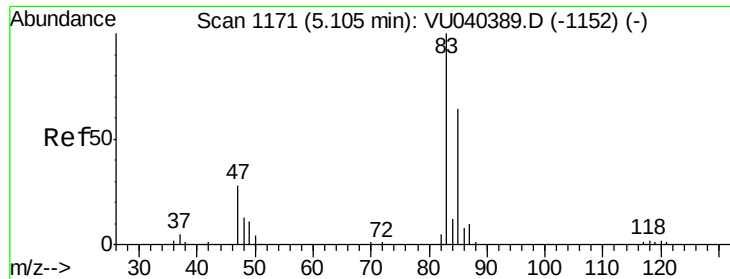
Tot Ion: 64 Resp: 294
 Ion Ratio Lower Upper
 64 100
 66 4.9 21.3 39.6#



#16
 Methylene chloride
 Concen: 0.253 ug/L
 RT: 3.06 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VU040401.D
 Acq: 30 Sep 2020 16:03

Tgt Ion: 84 Resp: 3215
 Ion Ratio Lower Upper
 84 100
 86 54.1 44.4 82.5
 49 138.5 92.2 171.2

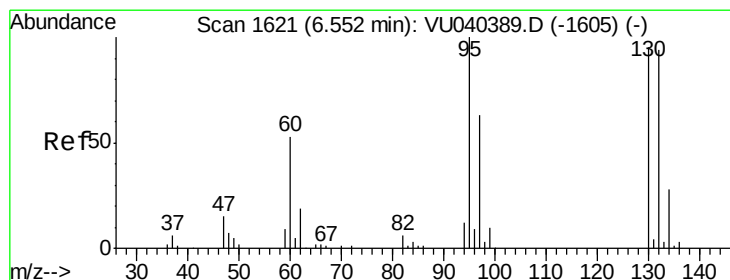
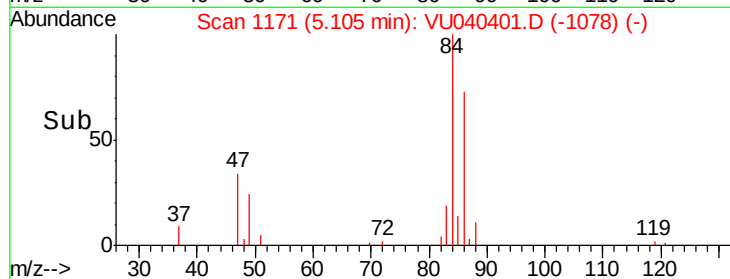
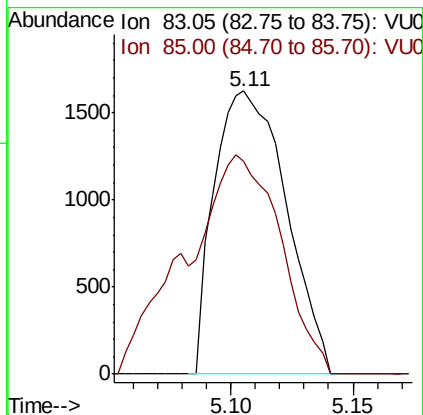
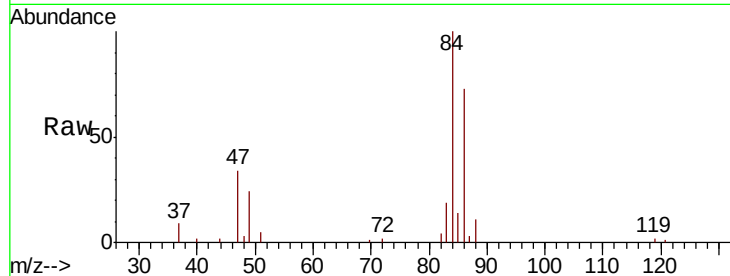




#25
Chloroform
Concen: 0.152 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040401.D
Acq: 30 Sep 2020 16:03

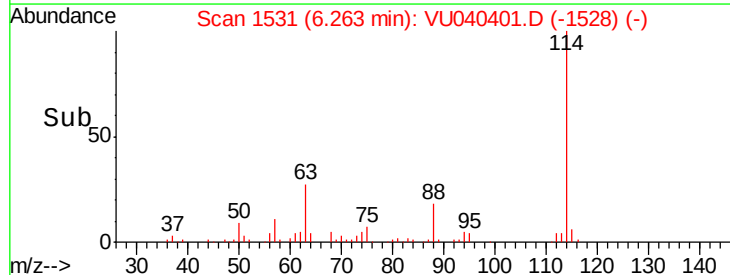
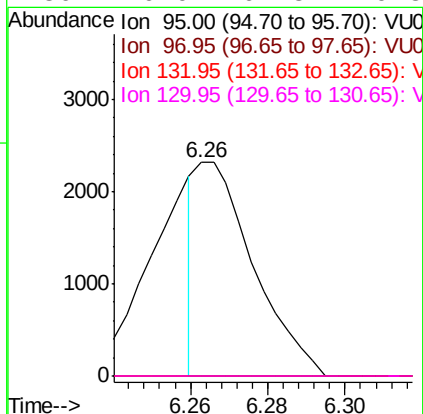
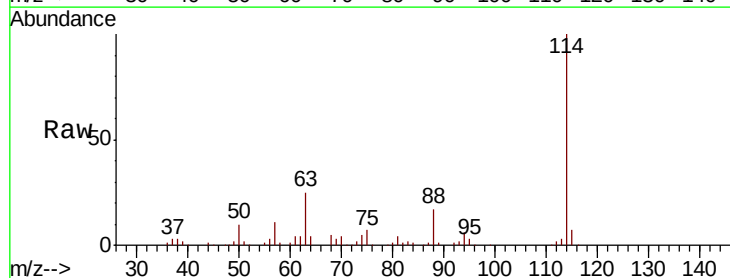
Instrument :
MSVOA_U
ClientSampled :
VIBLK65

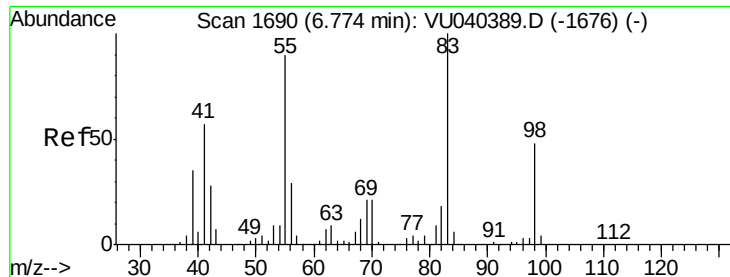
Tot Ion: 83 Resp: 3326
Ion Ratio Lower Upper
83 100
85 75.3 44.6 82.8



#34
Trichloroethene
Concen: 0.194 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040401.D
Acq: 30 Sep 2020 16:03

Tgt Ion: 95 Resp: 2351
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 0.0 60.5 112.3#
130 0.0 64.3 119.3#

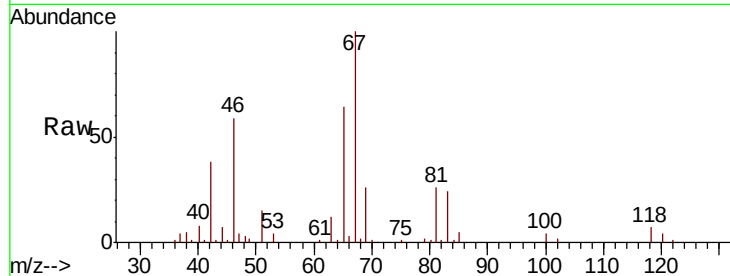




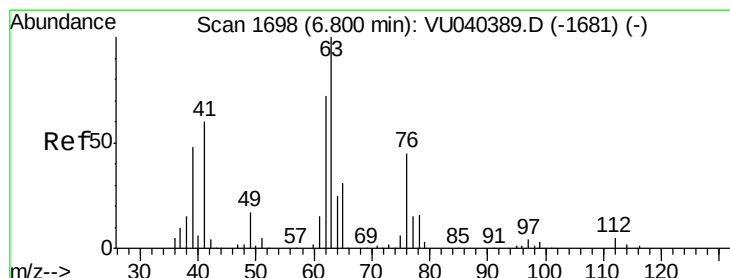
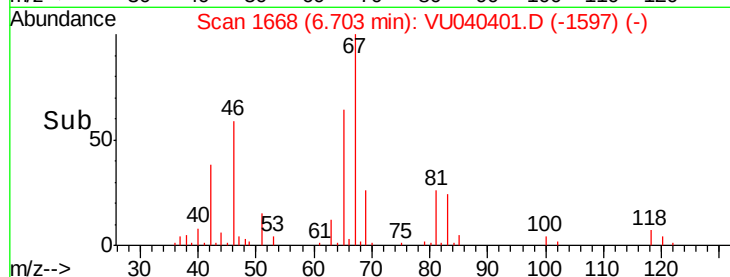
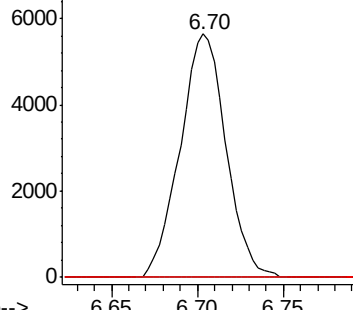
#35
Methylvlcyclohexane
Concen: 0.587 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040401.D
Acq: 30 Sep 2020 16:03

Instrument :
MSVOA_U
ClientSampleId :
VIBLK65

Tot Ion: 83 Resp: 10454
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 2.1 38.5 57.7#

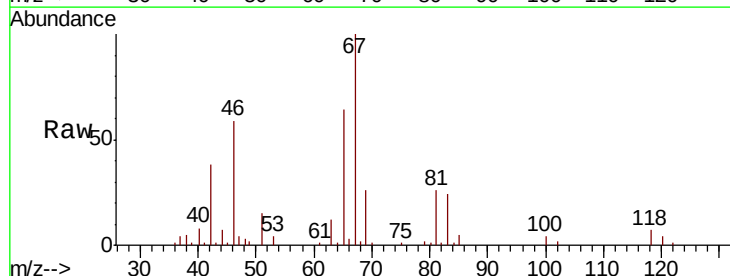


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

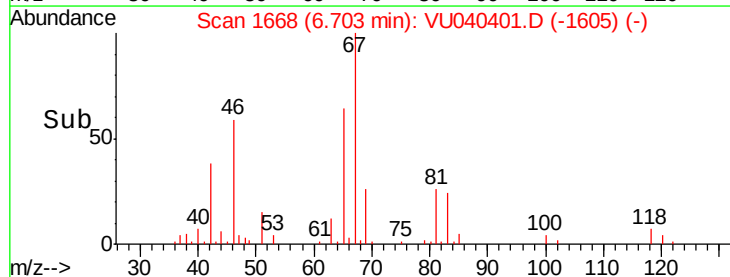
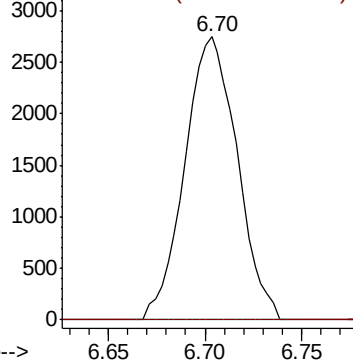


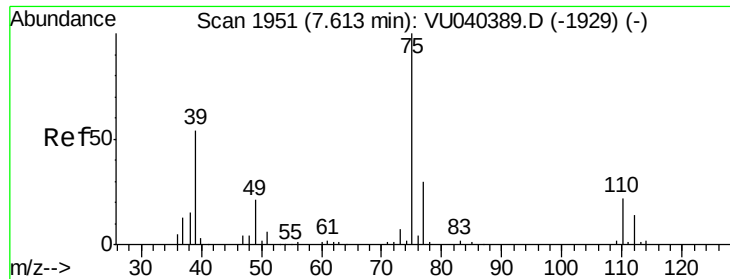
#37
1,2-Dichloropropane
Concen: 0.406 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040401.D
Acq: 30 Sep 2020 16:03

Tgt Ion: 63 Resp: 5173
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

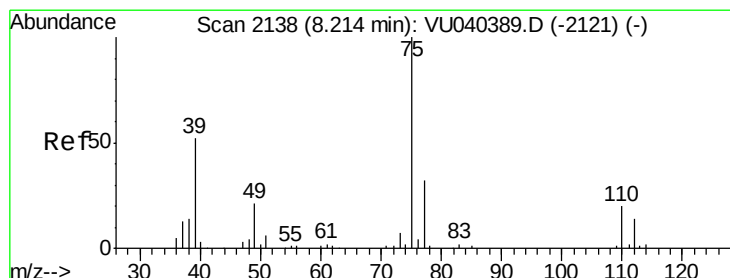
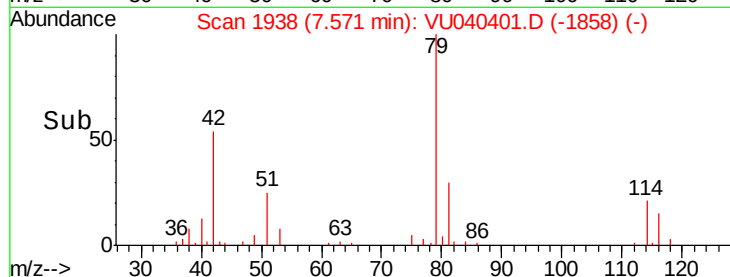
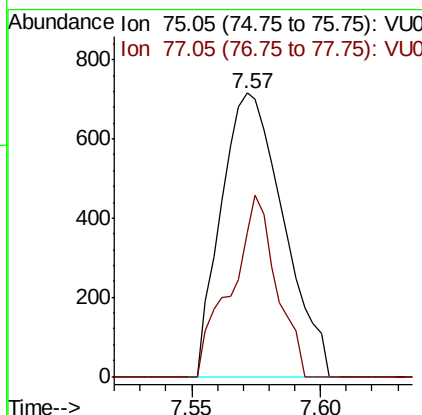
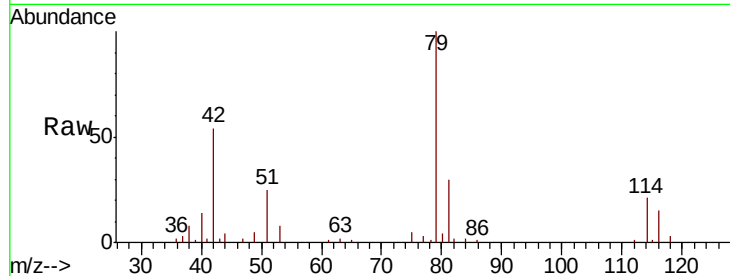




#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040401.D
 Acq: 30 Sep 2020 16:03

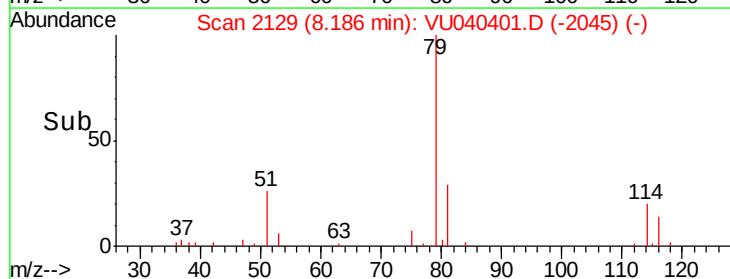
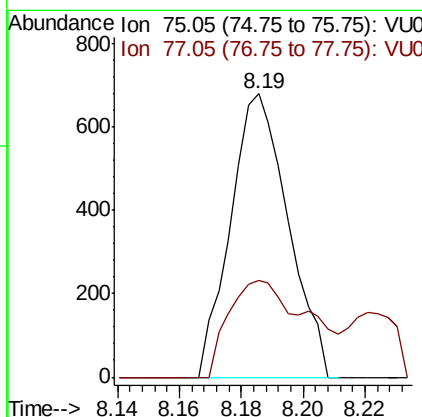
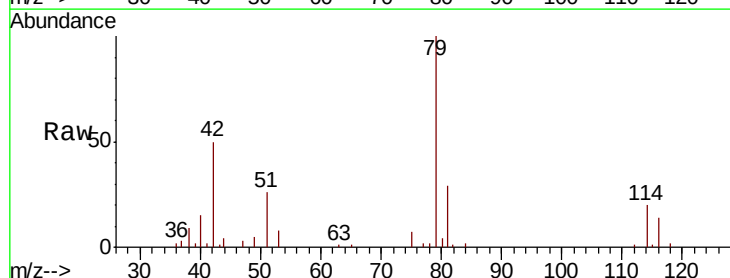
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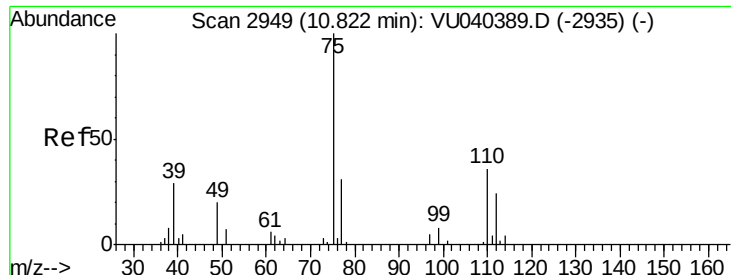
Tot Ion: 75 Resp: 1201
 Ion Ratio Lower Upper
 75 100
 77 51.0 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040401.D
 Acq: 30 Sep 2020 16:03

Tgt Ion: 75 Resp: 877
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 0.892 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040401.D

Acq: 30 Sep 2020 16:03

Instrument :

MSVOA_U

ClientSampleId :

VIBLK65

Tot Ion: 75 Resp: 8235

Ion Ratio Lower Upper

75 100

77 42.2 25.7 38.5#

