

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040405.D
 Acq On : 30 Sep 2020 17:58
 Operator : SY/MD
 Sample : L4186-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1DL

Quant Time: Oct 01 03:08:35 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	126544	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26970	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	27318	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	45686	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	162750	52.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.60%
24) Chloroform-d	5.08	84	71611	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	45701	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	126773	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.70	67	47217	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	99408	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	17467	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	114600	49.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45842	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46171	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

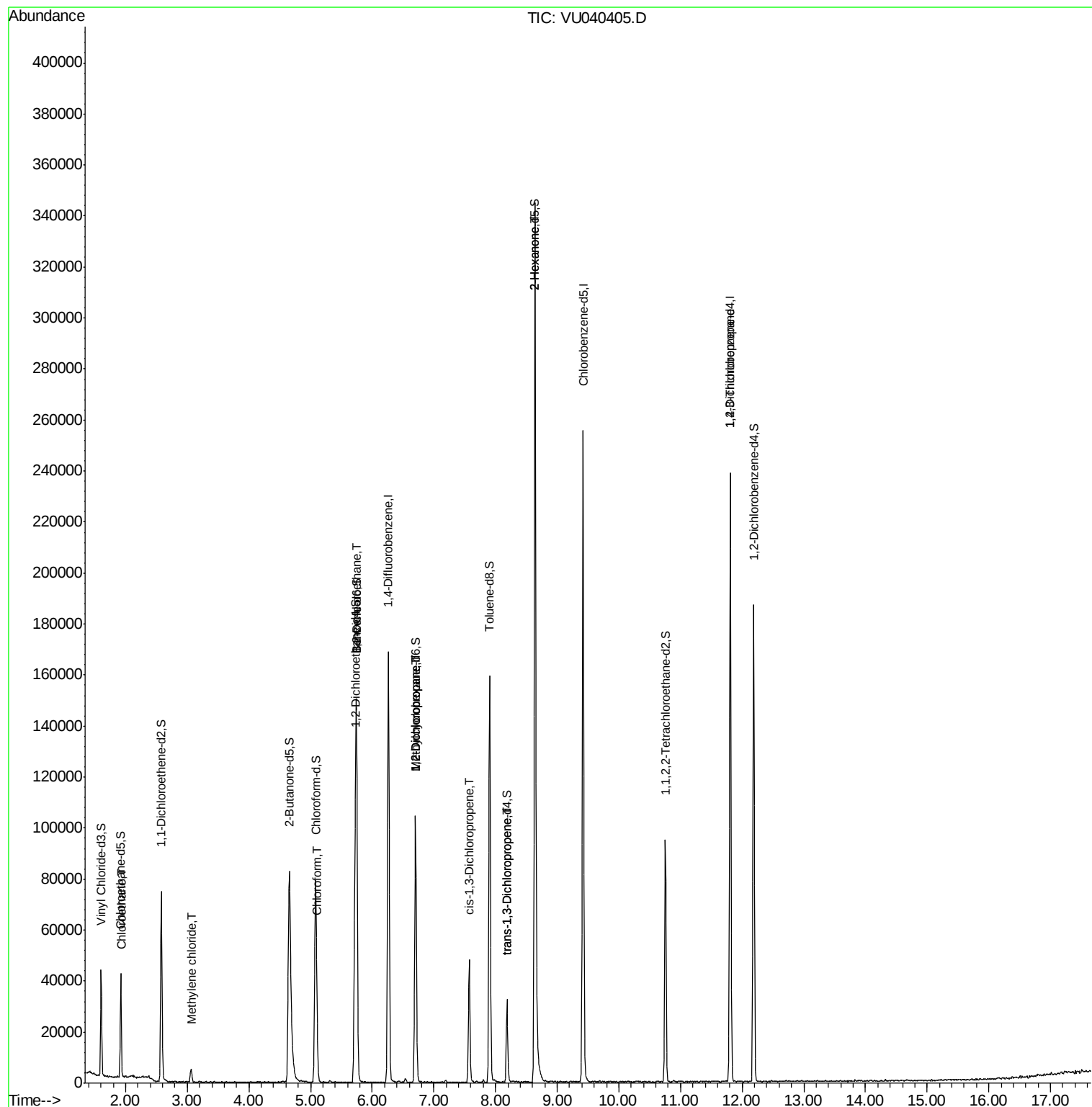
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	241	0.033	ug/L #	44
16) Methylene chloride	3.06	84	2262	0.187	ug/L	96
25) Chloroform	5.11	83	4607	0.221	ug/L	90
27) 1,2-Dichloroethane	5.75	62	693	0.048	ug/L #	74
35) Methylcyclohexane	6.70	83	10729	0.624	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5615	0.456	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1190	0.072	ug/L #	75
44) trans-1,3-Dichloropropene	8.19	75	789	0.052	ug/L	84
48) 2-Hexanone	8.64	43	15765	2.221	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	8397	0.942	ug/L	89

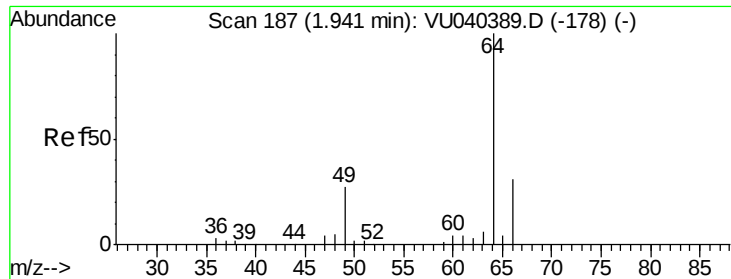
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.033 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU040405.D

Acq: 30 Sep 2020 17:58

Instrument :

MSVOA_U

ClientSampled :

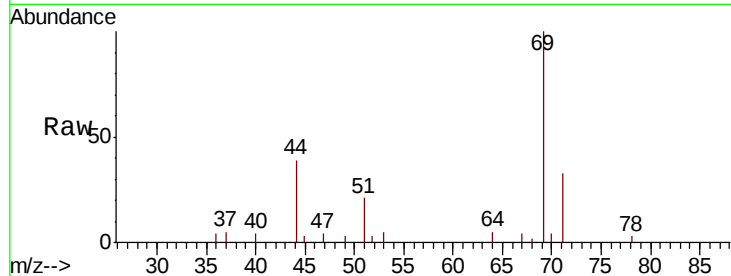
BG0E1DL

Tot Ion: 64 Resp: 241

Ion Ratio Lower Upper

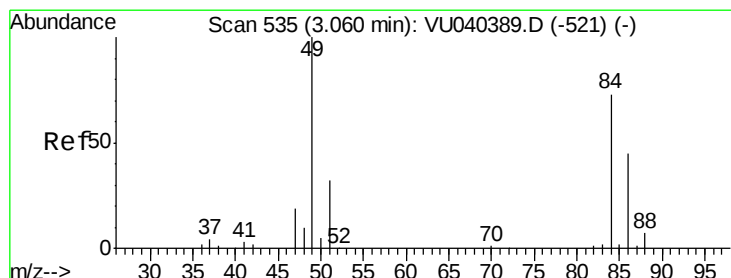
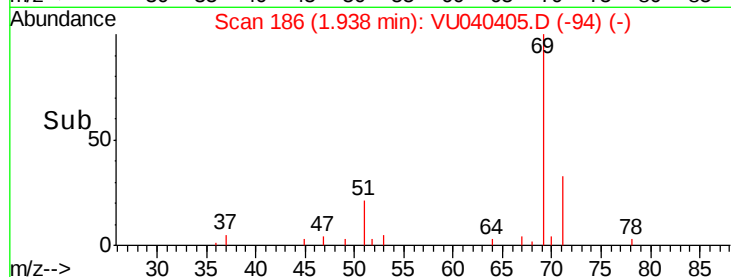
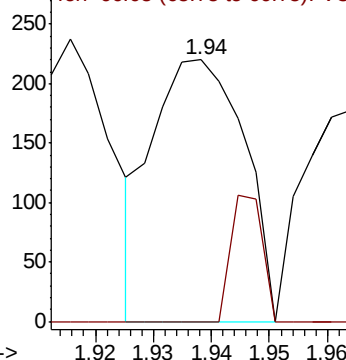
64 100

66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#16

Methylene chloride

Concen: 0.187 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040405.D

Acq: 30 Sep 2020 17:58

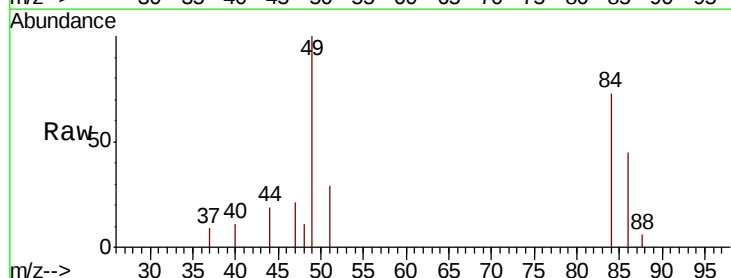
Tgt Ion: 84 Resp: 2262

Ion Ratio Lower Upper

84 100

86 62.4 44.4 82.5

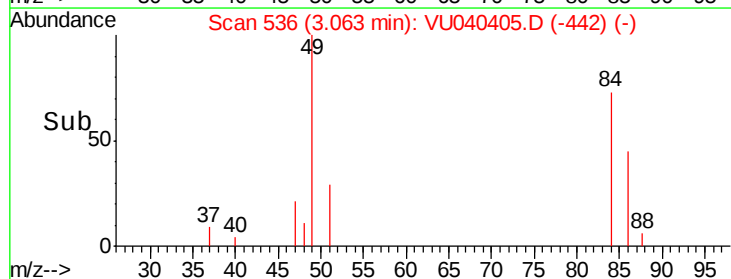
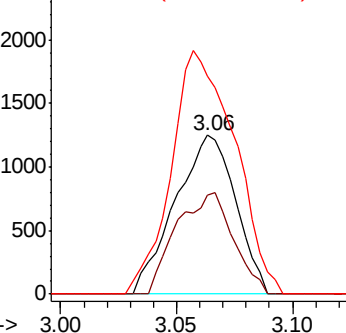
49 137.4 92.2 171.2

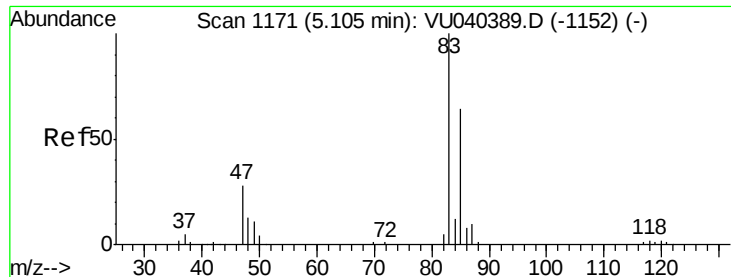


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

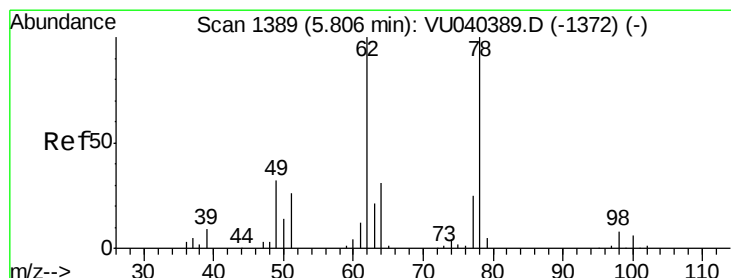
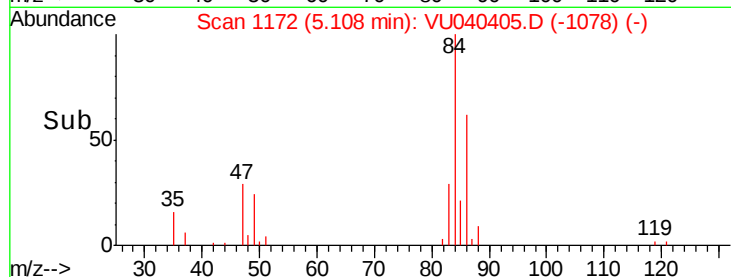
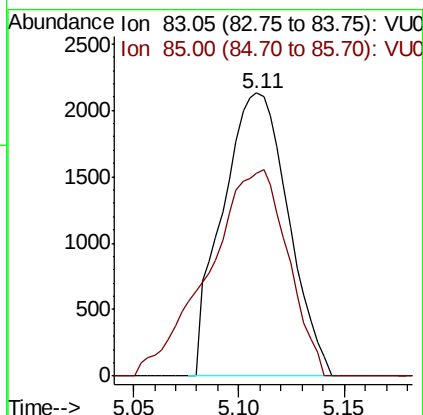
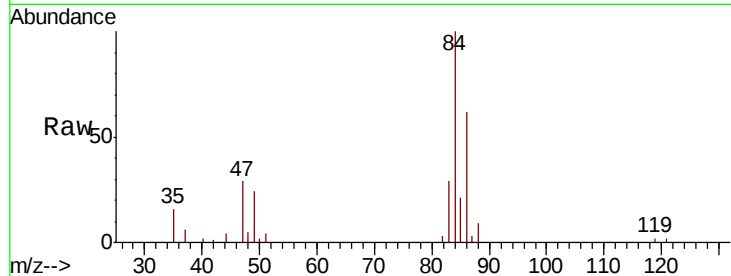




#25
Chloroform
Concen: 0.221 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040405.D
Acq: 30 Sep 2020 17:58

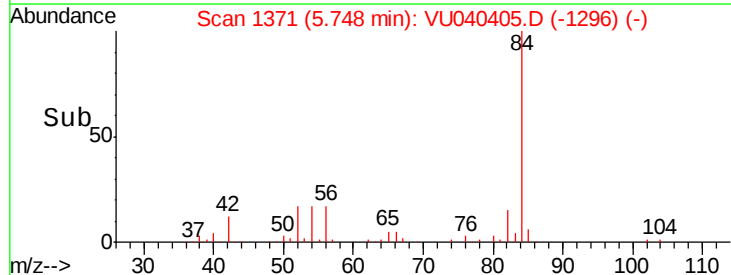
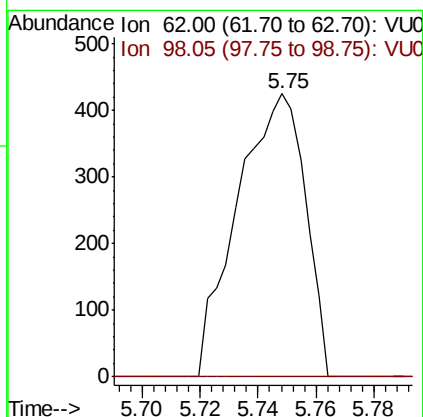
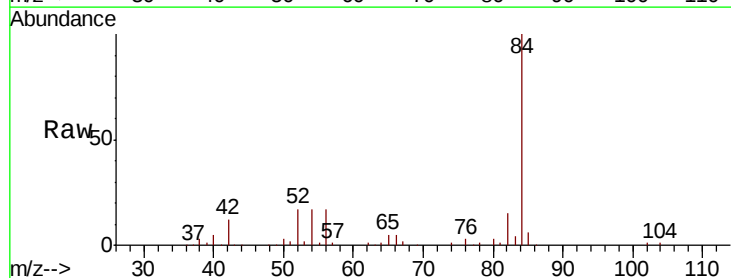
Instrument :
MSVOA_U
ClientSampleId :
BG0E1DL

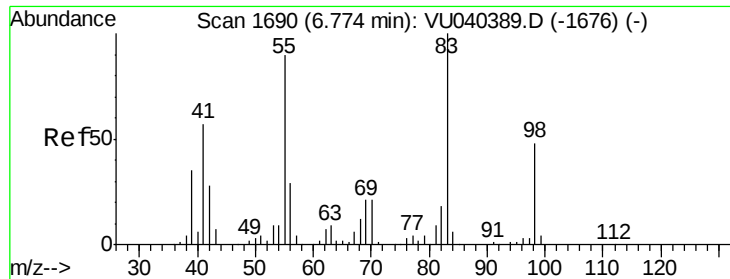
Tot Ion: 83 Resp: 4607
Ion Ratio Lower Upper
83 100
85 71.8 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.048 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040405.D
Acq: 30 Sep 2020 17:58

Tgt Ion: 62 Resp: 693
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

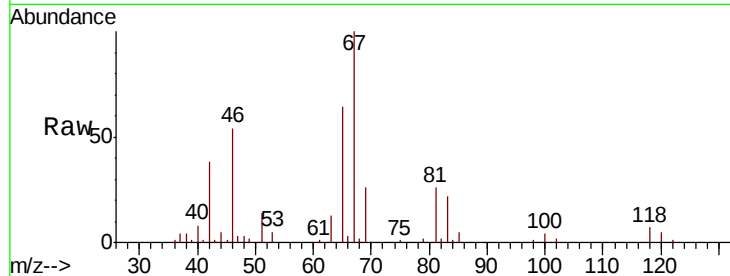




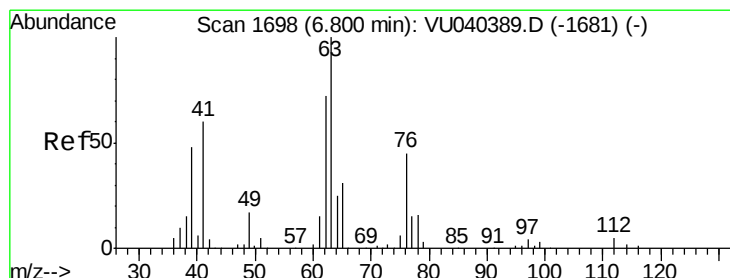
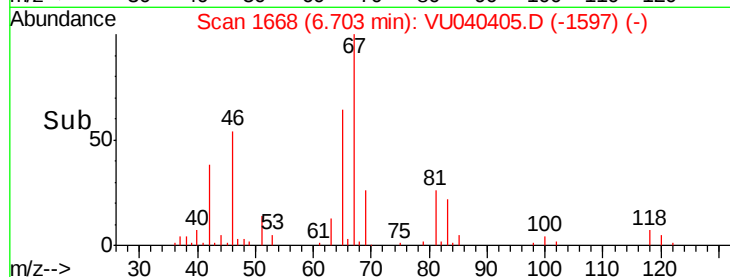
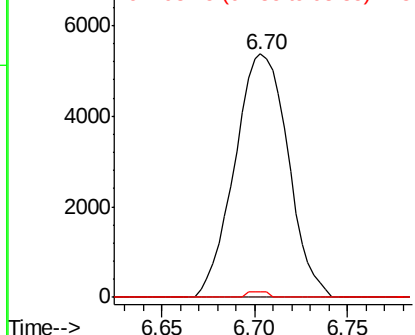
#35
Methvlcvclohexane
Concen: 0.624 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040405.D
Acq: 30 Sep 2020 17:58

Instrument :
MSVOA_U
ClientSampleId :
BG0E1DL

Tot Ion: 83 Resp: 10729
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.9 38.5 57.7#

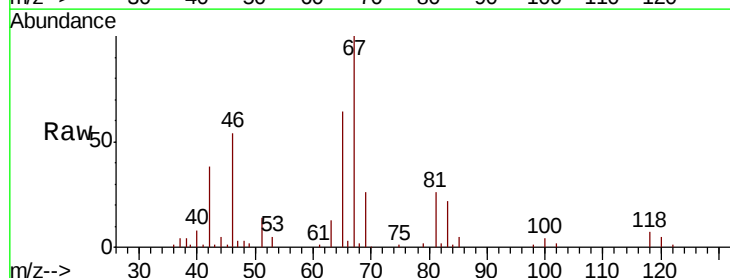


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

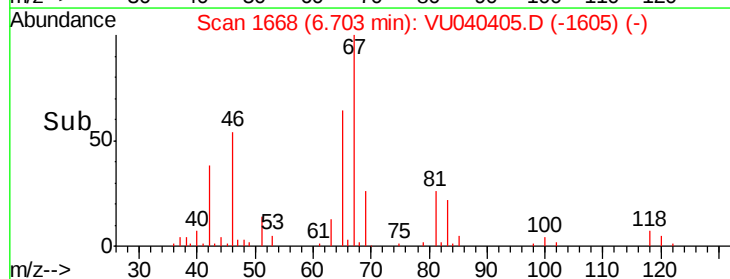
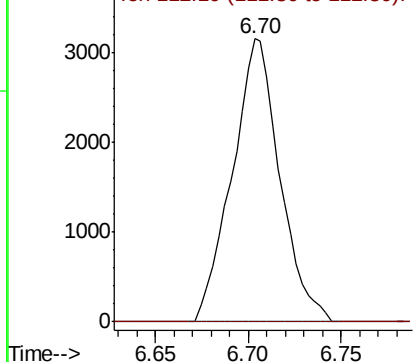


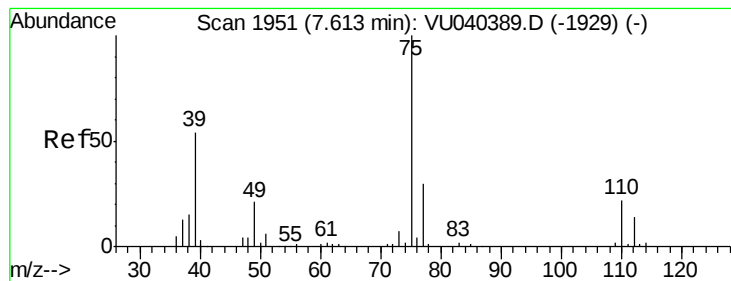
#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040405.D
Acq: 30 Sep 2020 17:58

Tgt Ion: 63 Resp: 5615
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



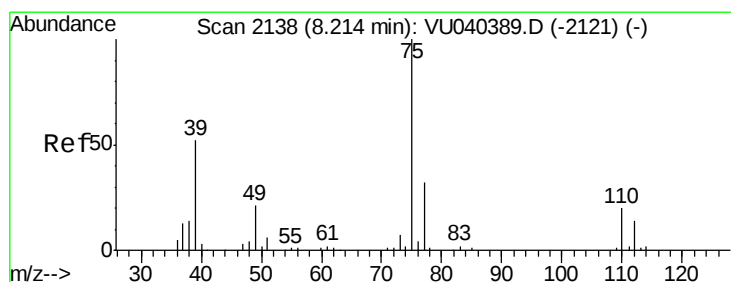
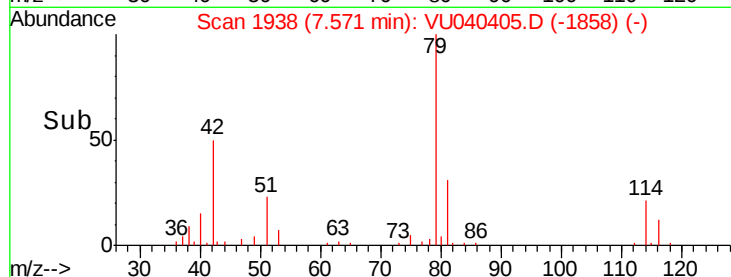
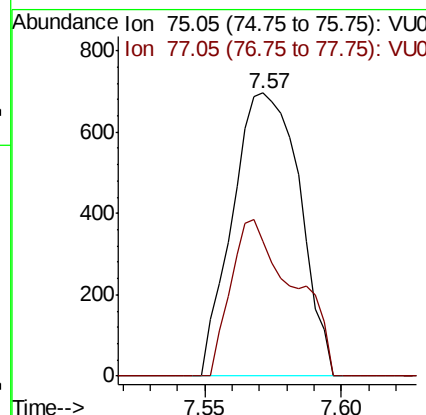
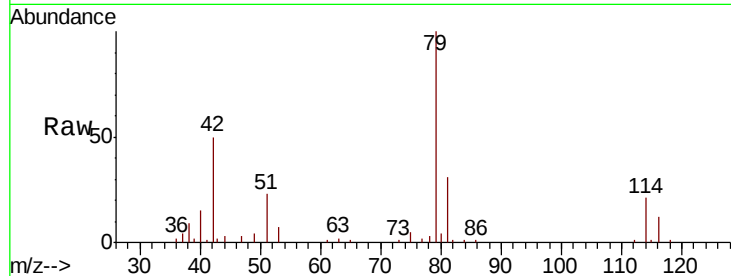


#39

cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040405.D
Acq: 30 Sep 2020 17:58

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BG0E1DL

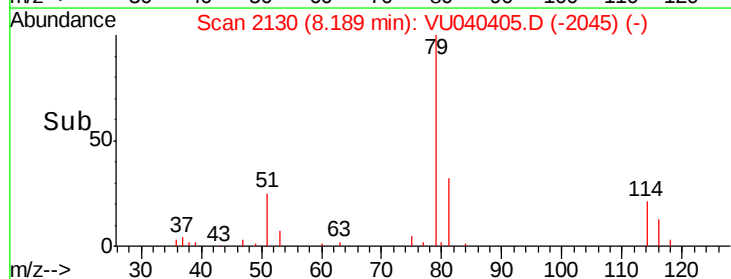
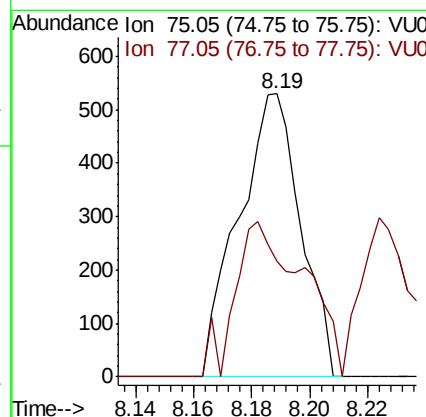
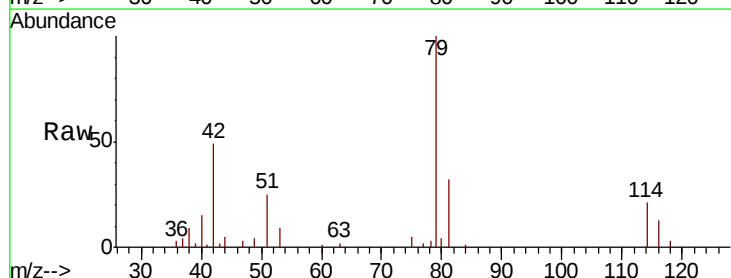
Tot Ion: 75 Resp: 1190
Ion Ratio Lower Upper
75 100
77 47.8 23.5 43.7#

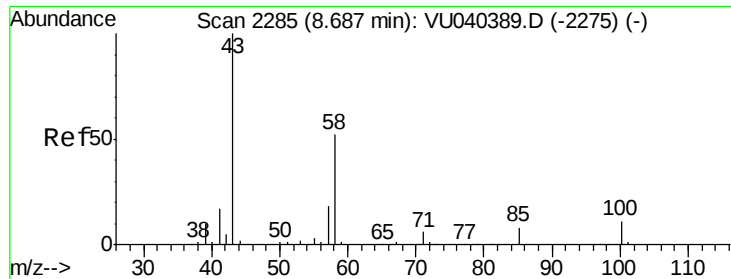


#44

trans-1,3-Dichloropropene
Concen: 0.052 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040405.D
Acq: 30 Sep 2020 17:58

Tgt Ion: 75 Resp: 789
Ion Ratio Lower Upper
75 100
77 40.8 22.3 41.3

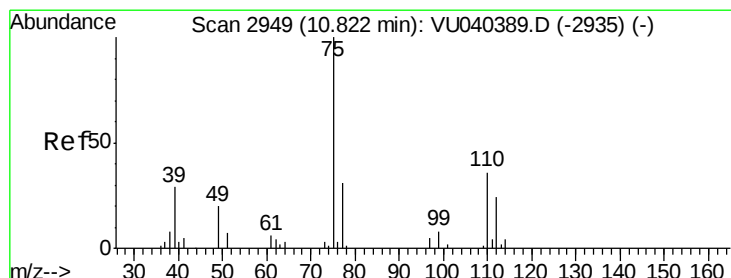
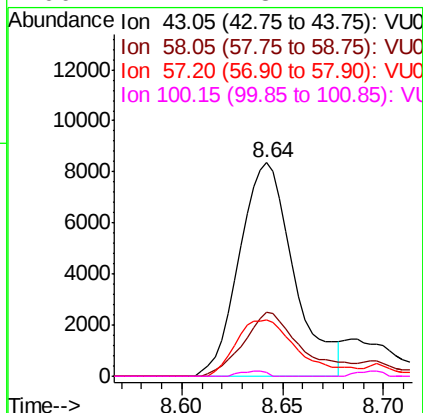
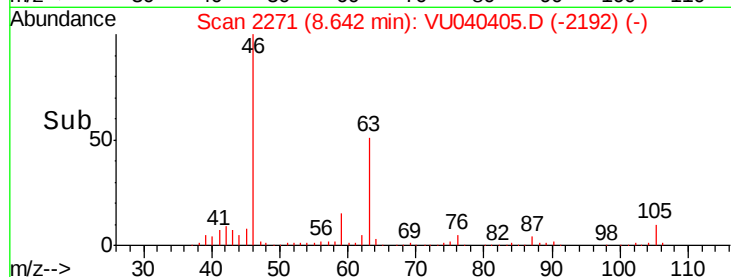
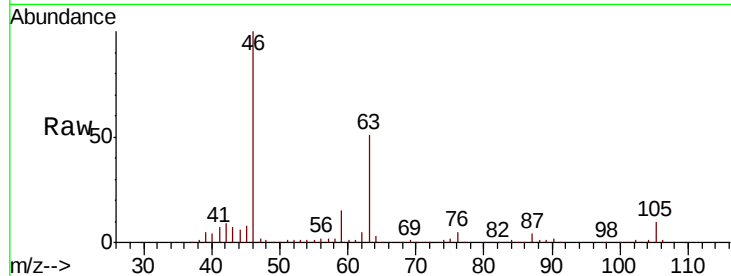




#48
 2-Hexanone
 Concen: 2.221 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040405.D
 Acq: 30 Sep 2020 17:58

Instrument :
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 BG0E1DL

Tot Ion: 43 Resp: 15765
 Ion Ratio Lower Upper
 43 100
 58 32.0 41.0 61.4#
 57 30.2 14.6 22.0#
 100 1.1 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.942 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040405.D
 Acq: 30 Sep 2020 17:58

Tgt Ion: 75 Resp: 8397
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.7 38.5

