

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083120\
 Data File : VU040006.D
 Acq On : 31 Aug 2020 14:26
 Operator : SY/MD
 Sample : L3838-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG2

Quant Time: Sep 01 01:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 31 18:16:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54561	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28763	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	23962	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	49884	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.65	46	115306	40.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.16%
24) Chloroform-d	5.09	84	65505	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	5.72	65	41166	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	5.74	84	125479	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.70	67	41390	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.91	98	106245	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.19	79	16804	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	84057	40.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33794	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	39288	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

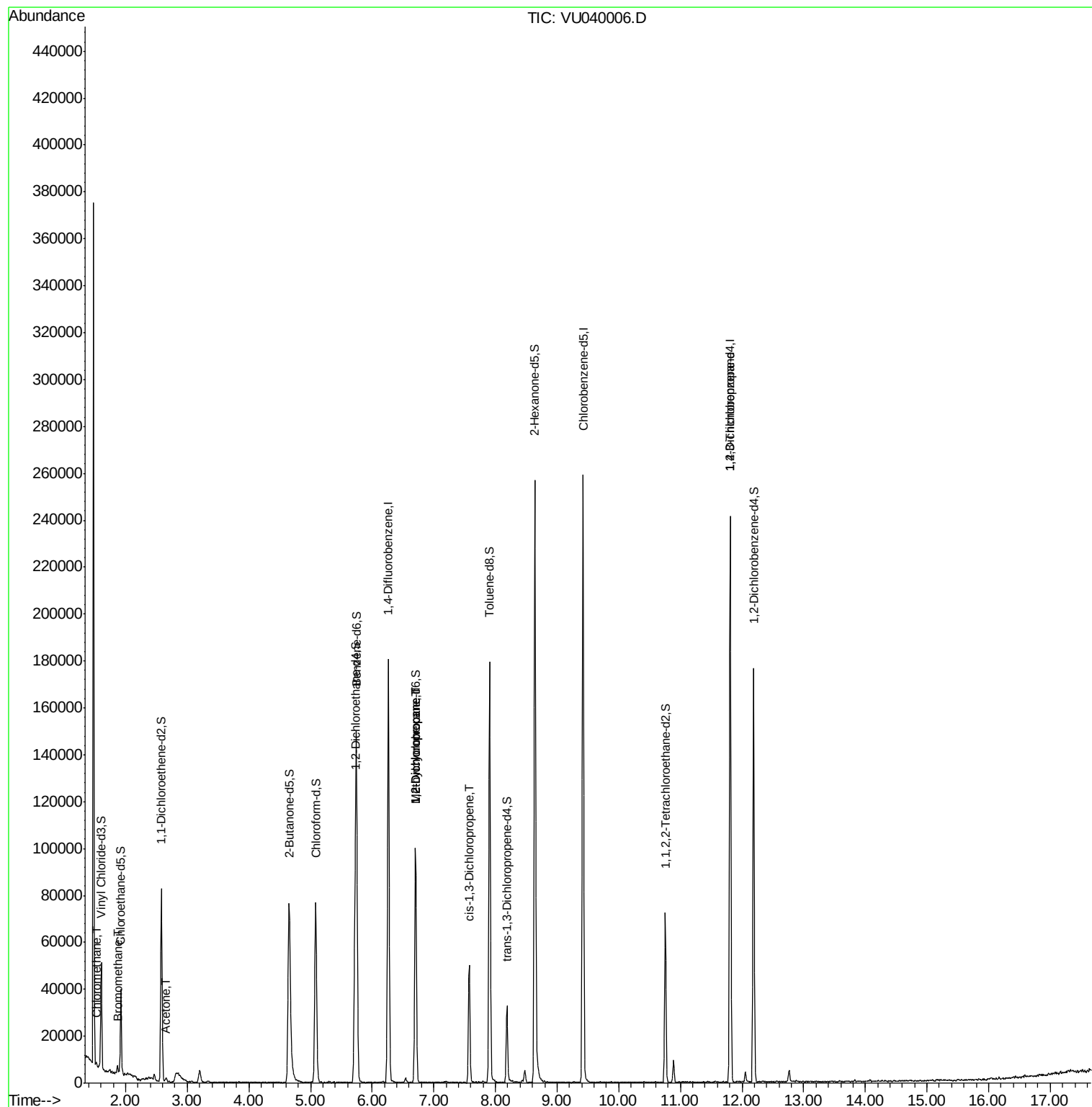
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1402	0.113	ug/L	89
6) Bromomethane	1.87	94	1563	0.244	ug/L	86
13) Acetone	2.66	43	2367	0.900	ug/L	67
35) Methylcyclohexane	6.70	83	9602	0.524	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5249	0.434	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1376	0.077	ug/L #	55
59) 1,2,3-Trichloropropane	11.81	75	8028	0.897	ug/L #	87

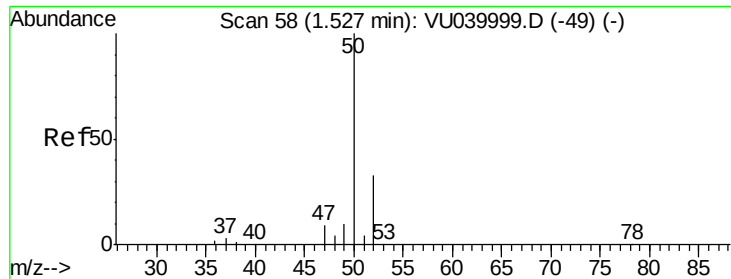
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040006.D

Acq: 31 Aug 2020 14:26

Instrument :

MSVOA_U

ClientSampled :

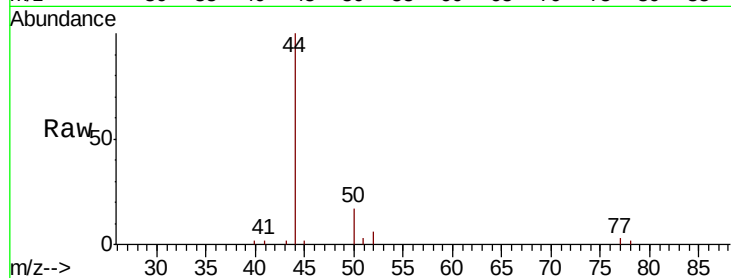
C0AG2

Tot Ion: 50 Resp: 1402

Ion Ratio Lower Upper

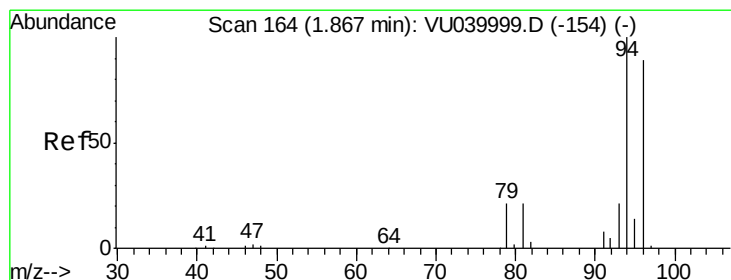
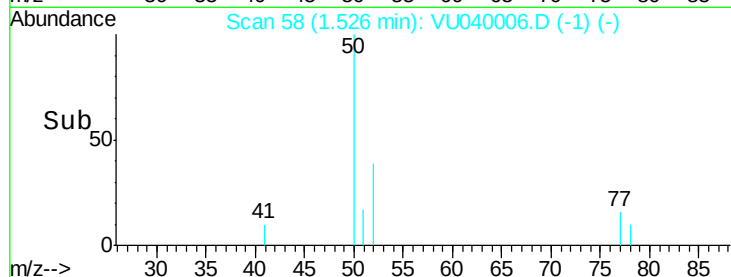
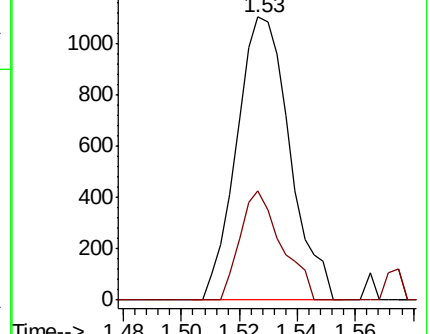
50 100

52 38.7 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#6

Bromomethane

Concen: 0.244 ug/L

RT: 1.87 min Scan# 164

Delta R.T. -0.00 min

Lab File: VU040006.D

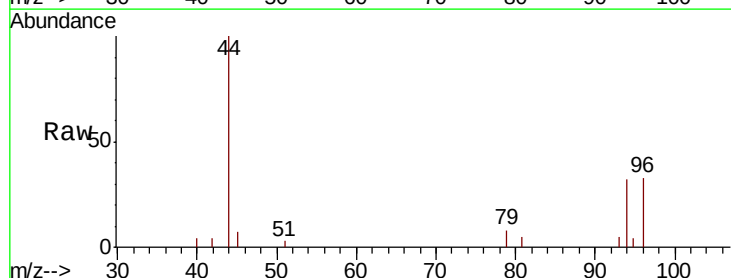
Acq: 31 Aug 2020 14:26

Tgt Ion: 94 Resp: 1563

Ion Ratio Lower Upper

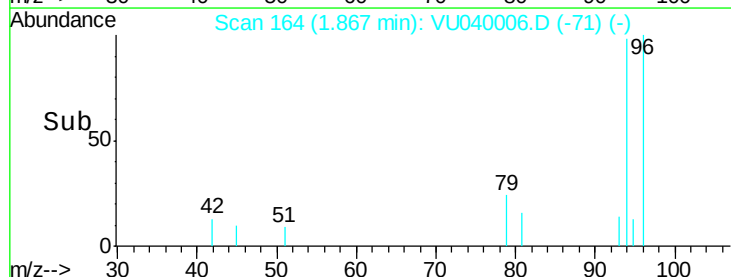
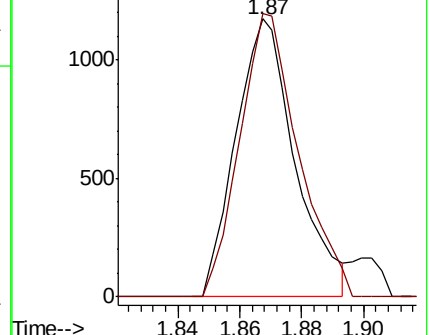
94 100

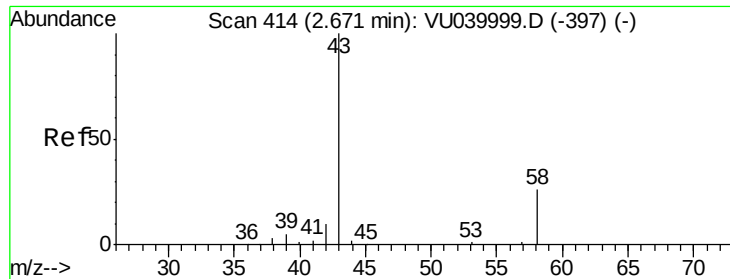
96 101.8 62.3 115.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13

Acetone

Concen: 0.900 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040006.D

Acq: 31 Aug 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

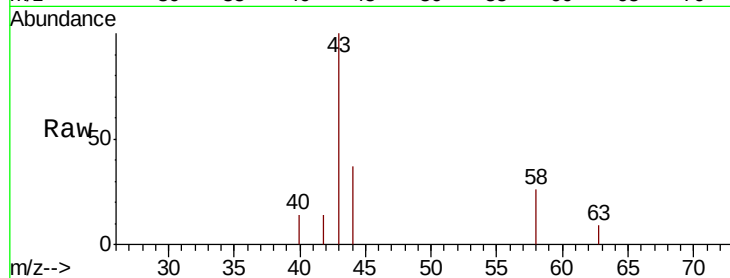
C0AG2

Tot Ion: 43 Resp: 2367

Ion Ratio Lower Upper

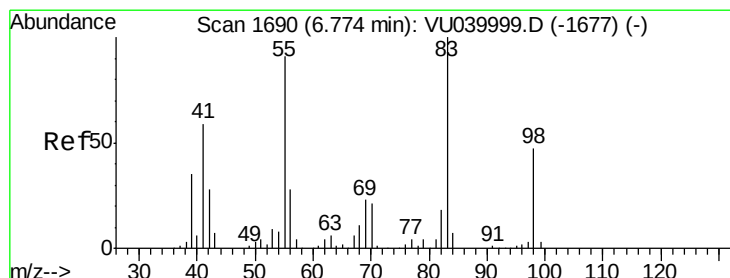
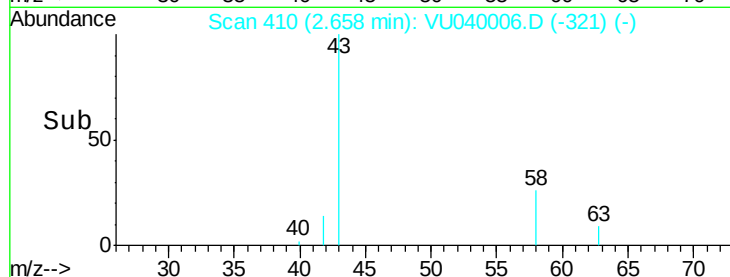
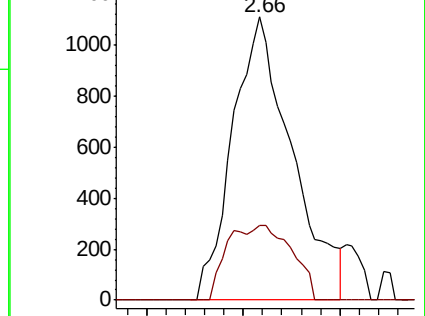
43 100

58 10.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.524 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040006.D

Acq: 31 Aug 2020 14:26

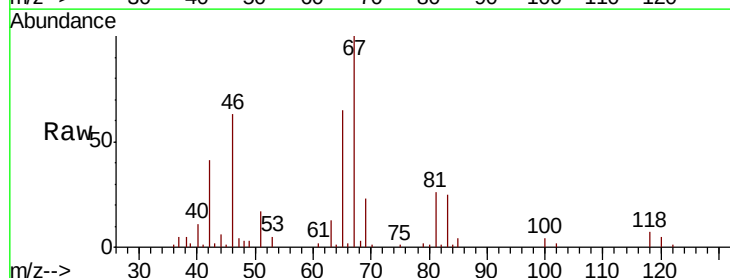
Tgt Ion: 83 Resp: 9602

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

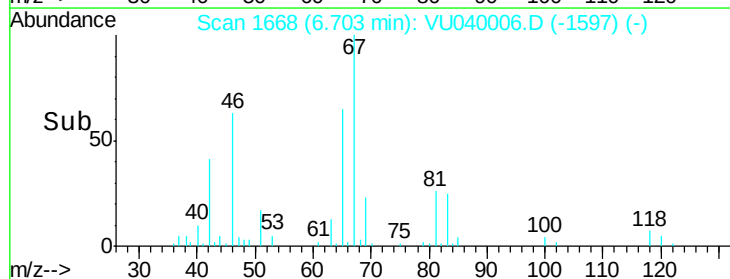
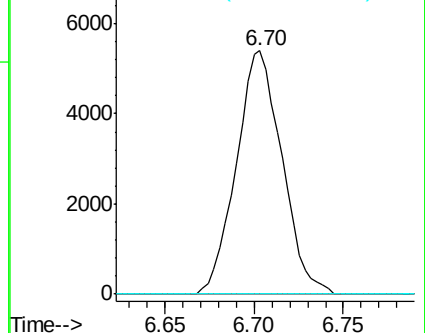
98 1.1 37.8 56.6#

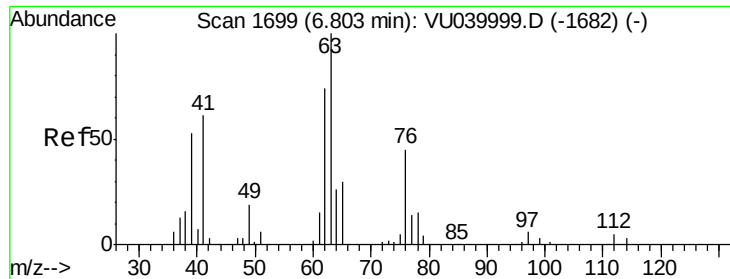


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

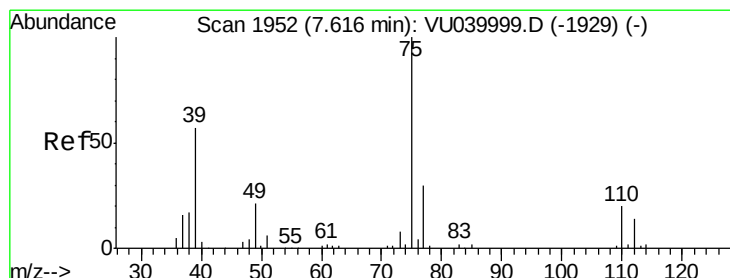
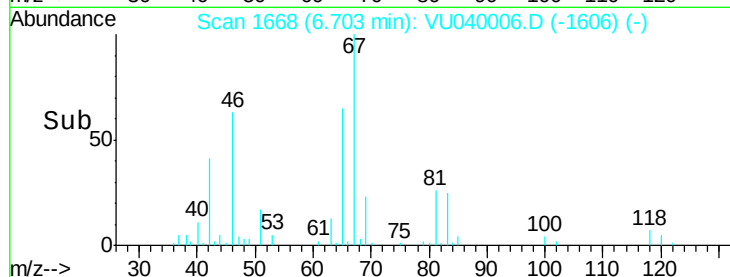
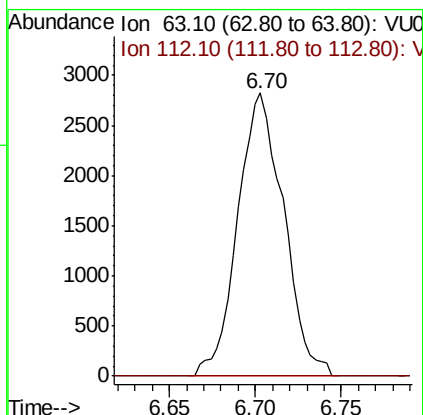
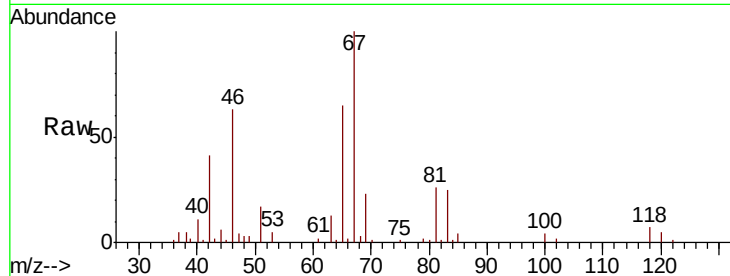




#37
 1,2-Dichloropropane
 Concen: 0.434 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040006.D
 Acq: 31 Aug 2020 14:26

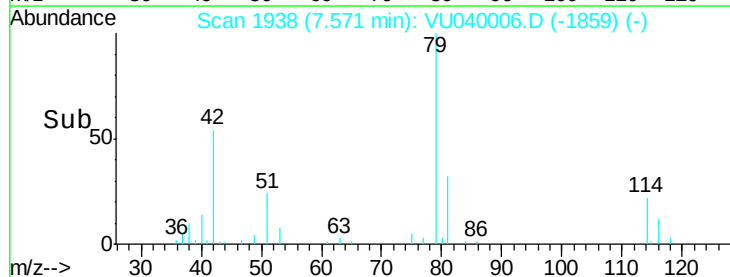
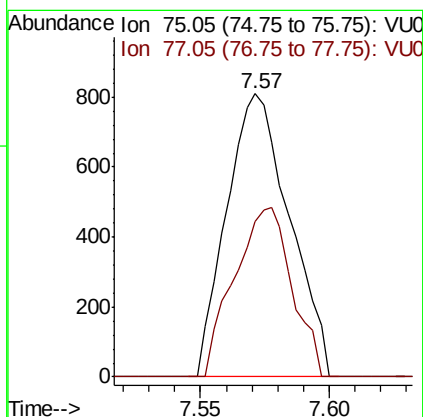
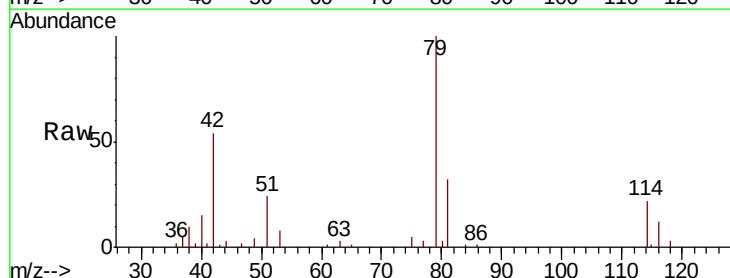
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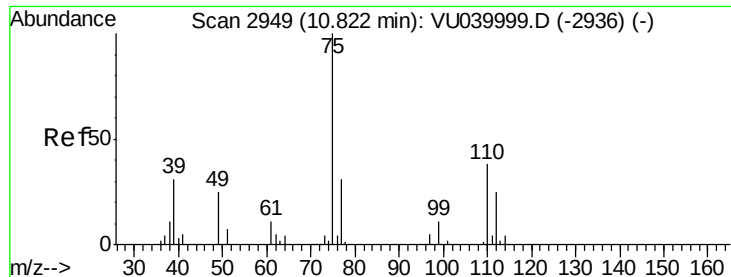
Tot Ion: 63 Resp: 5249
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU040006.D
 Acq: 31 Aug 2020 14:26

Tgt Ion: 75 Resp: 1376
 Ion Ratio Lower Upper
 75 100
 77 54.8 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 0.897 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040006.D

Acq: 31 Aug 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

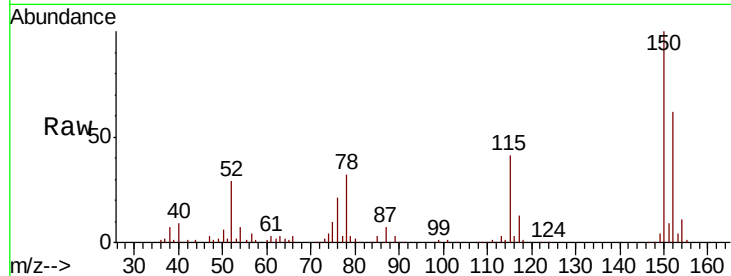
C0AG2

Tot Ion: 75 Resp: 8028

Ion Ratio Lower Upper

75 100

77 38.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

