

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037268.D
 Acq On : 14 Mar 2020 17:24
 Operator : JC/MD
 Sample : L1923-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONF9

Quant Time: Mar 16 05:19:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	117133	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36323	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	32263	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.59	63	52803	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.67	46	100866	51.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	5.11	84	77826	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.74	65	45650	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	139476	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	45376	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	125979	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.20	79	17620	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.66	63	83032	53.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36436	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	45785	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

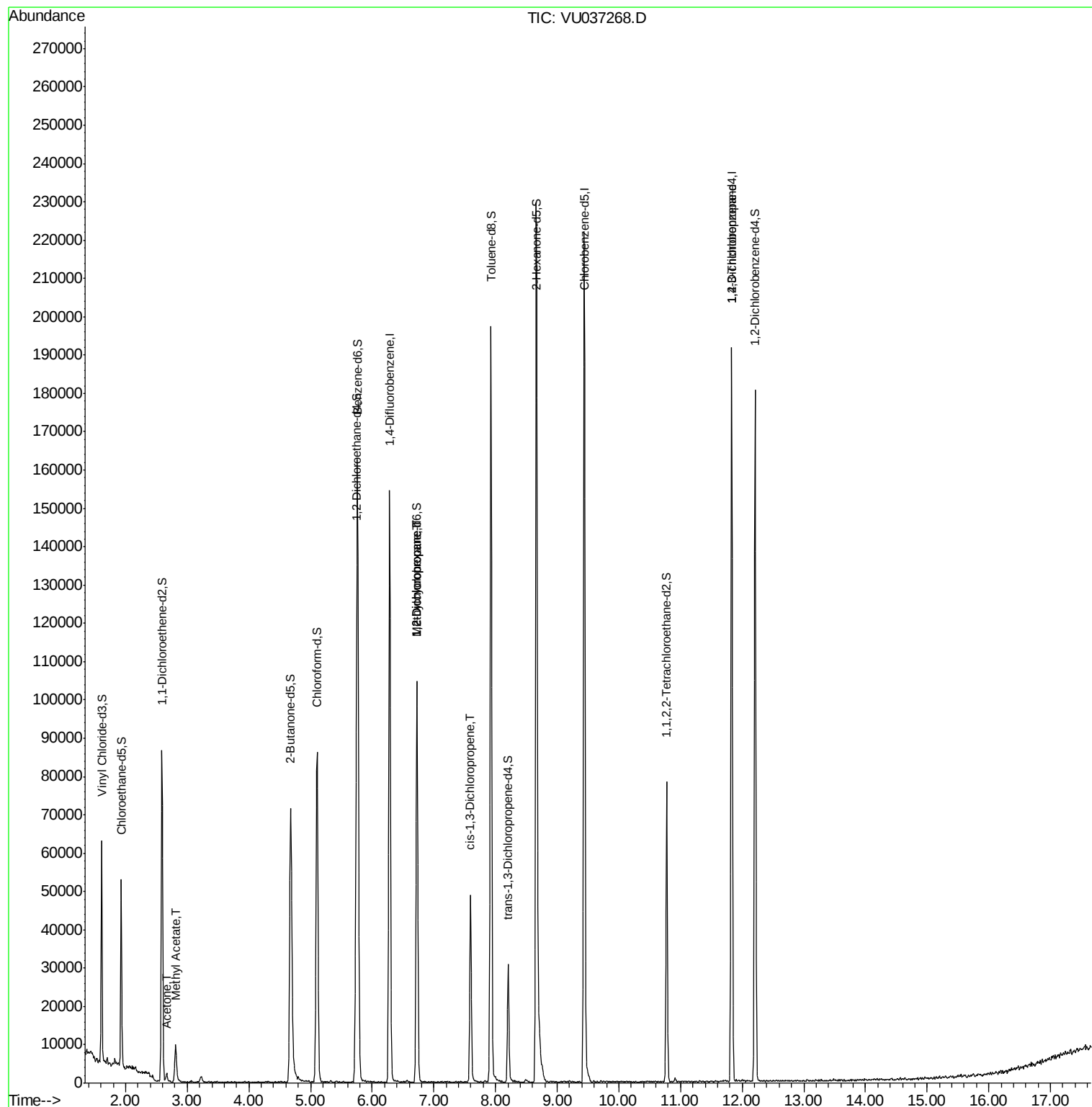
					Ovalue
13) Acetone	2.67	43	2661	1.651 ug/L	84
15) Methyl Acetate	2.81	43	3130	0.830 ug/L #	55
35) Methylcyclohexane	6.73	83	10856	0.755 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	5482	0.605 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1435	0.110 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	6227	0.960 ug/L	92

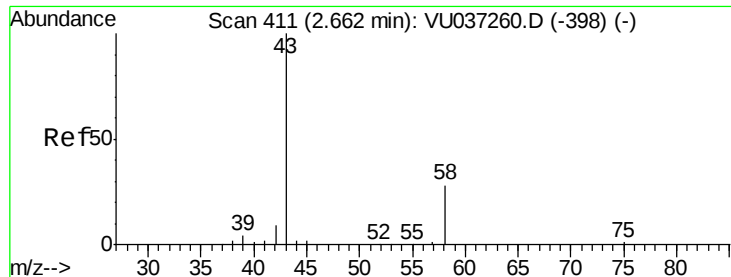
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#13

Acetone

Concen: 1.651 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU037268.D

Acq: 14 Mar 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

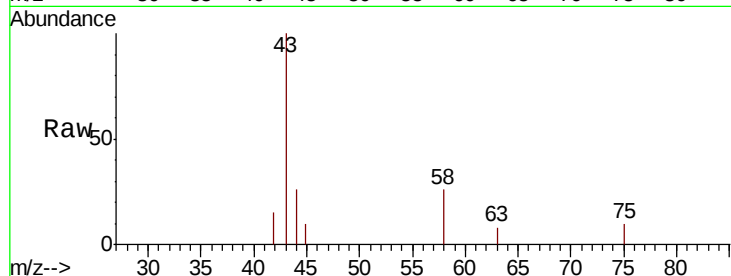
CONF9

Tot Ion: 43 Resp: 2661

Ion Ratio Lower Upper

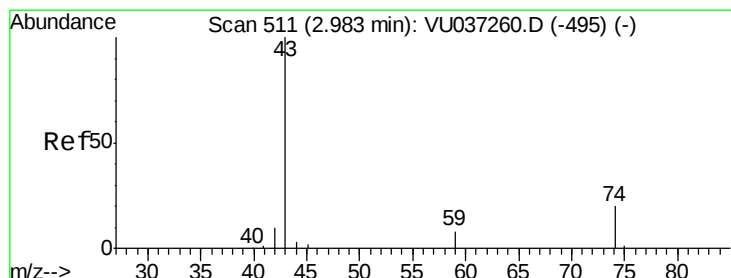
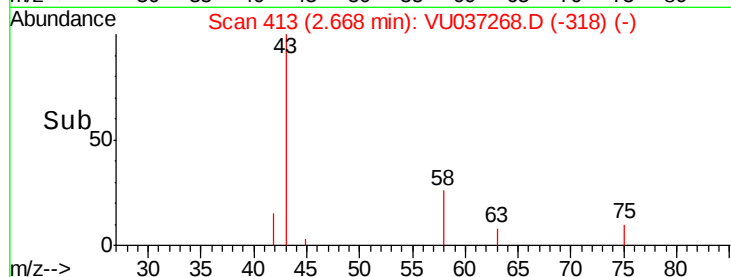
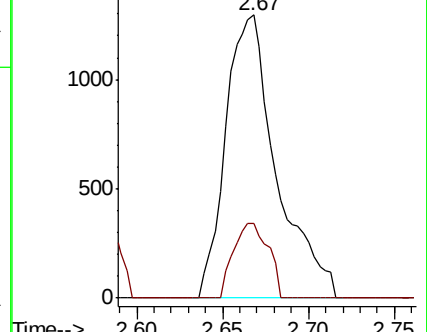
43 100

58 18.0 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037268.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU037268.D (-411) (-)



#15

Methyl Acetate

Concen: 0.830 ug/L

RT: 2.81 min Scan# 458

Delta R.T. -0.17 min

Lab File: VU037268.D

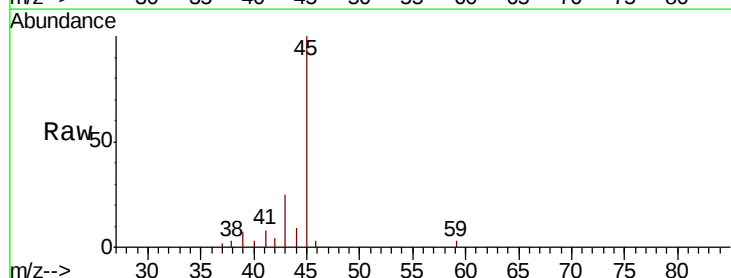
Acq: 14 Mar 2020 17:24

Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

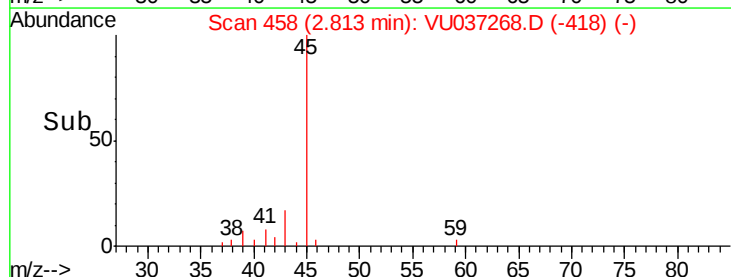
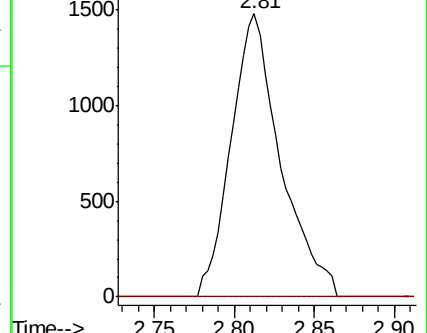
43 100

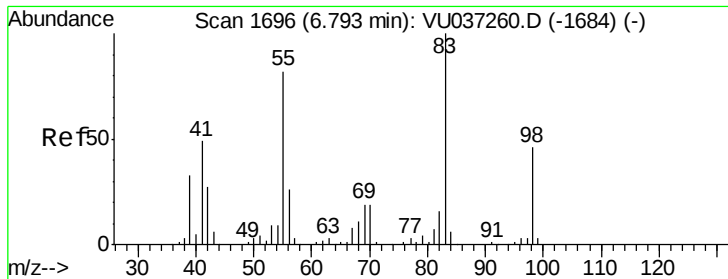
74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU037268.D (-458) (-)

Ion 74.05 (73.75 to 74.75): VU037268.D (-458) (-)





#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037268.D

Acq: 14 Mar 2020 17:24

Instrument :

MSVOA_U

ClientSampleId :

CONF9

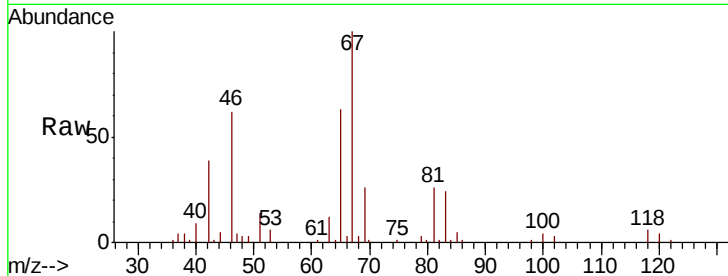
Tot Ion: 83 Resp: 10856

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

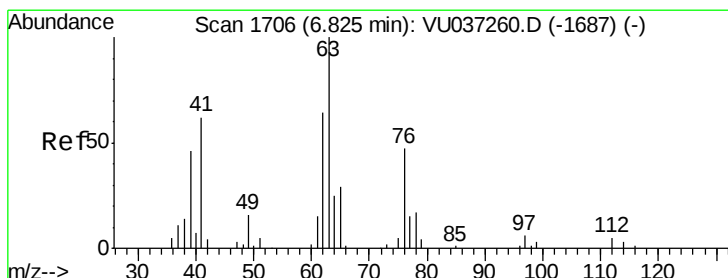
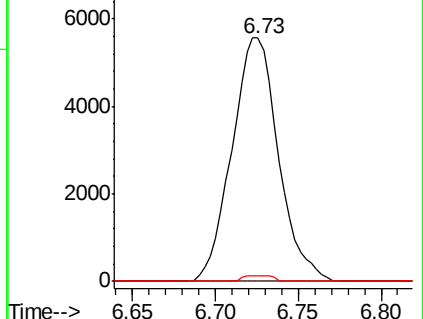
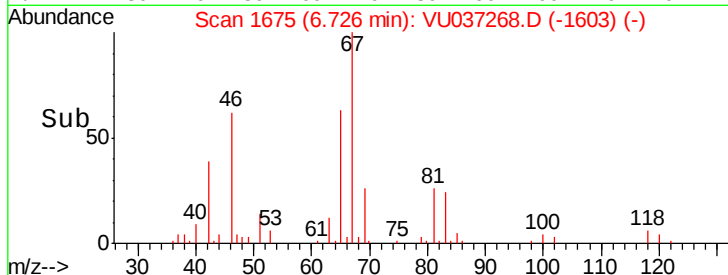
98 1.5 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037268.D (-1675) (-)

Ion 55.10 (54.80 to 55.80): VU037268.D (-1675) (-)

Ion 98.15 (97.85 to 98.85): VU037268.D (-1675) (-)



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037268.D

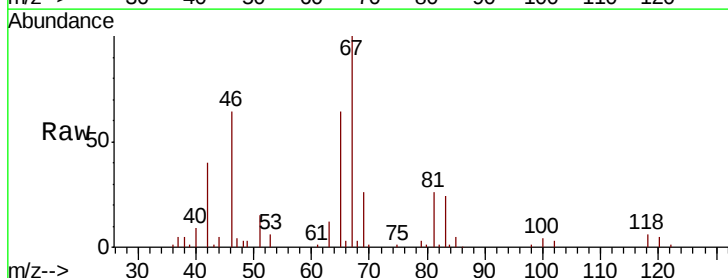
Acq: 14 Mar 2020 17:24

Tgt Ion: 63 Resp: 5482

Ion Ratio Lower Upper

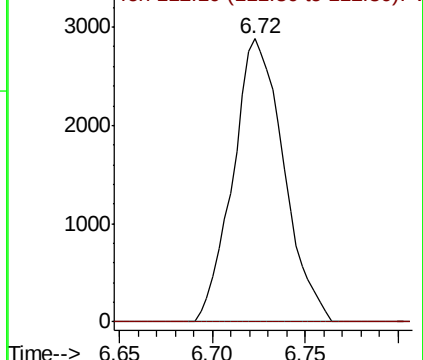
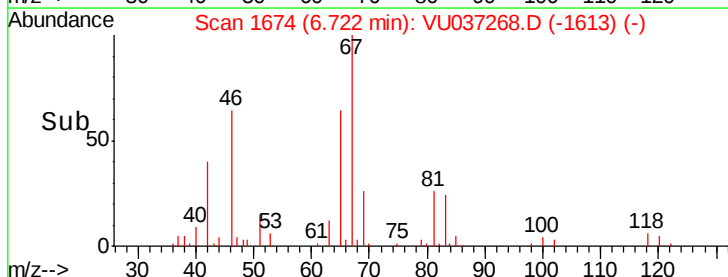
63 100

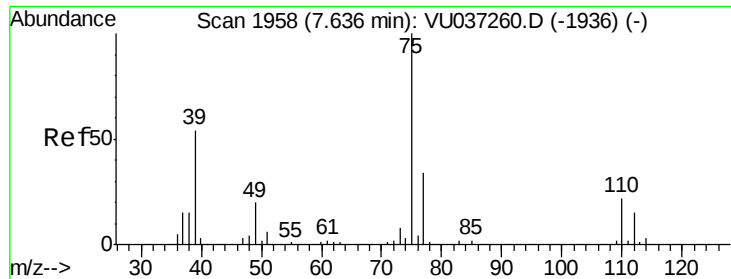
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037268.D (-1674) (-)

Ion 112.10 (111.80 to 112.80): VU037268.D (-1674) (-)

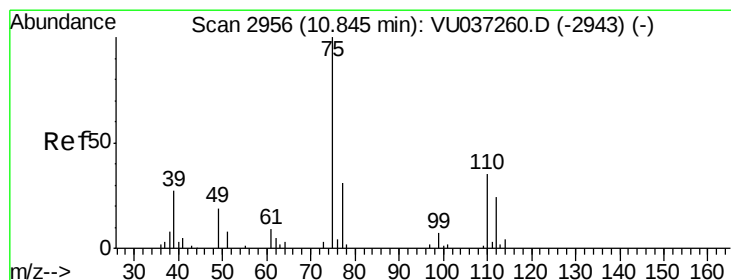
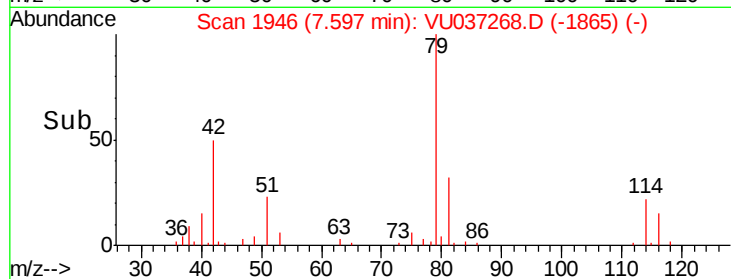
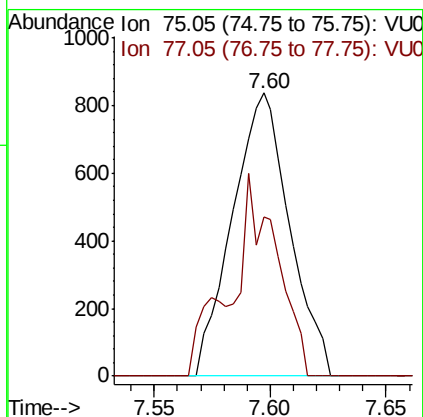
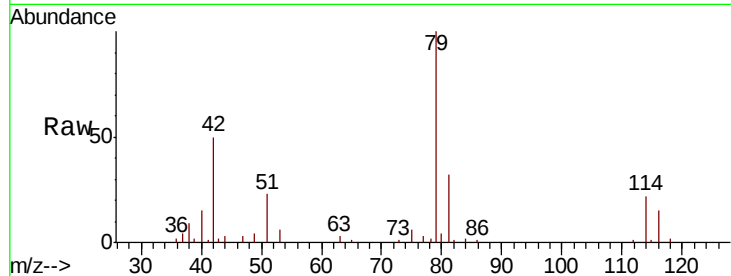




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037268.D
 Acq: 14 Mar 2020 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 CONF9

Tot Ion: 75 Resp: 1435
 Ion Ratio Lower Upper
 75 100
 77 56.2 21.1 39.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.960 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037268.D
 Acq: 14 Mar 2020 17:24

Tgt Ion: 75 Resp: 6227
 Ion Ratio Lower Upper
 75 100
 77 38.6 27.4 41.0

