

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
 Data File : VU041509.D
 Acq On : 09 Dec 2020 13:03
 Operator : SY/MD
 Sample : L4979-22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	40841	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	41063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8446	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	9321	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	17042	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.65	46	34626	44.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.04%
24) Chloroform-d	5.08	84	28377	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	19813	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	40139	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.71	67	11459	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.90	98	37294	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	7263	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	25469	38.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11561	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	20595	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

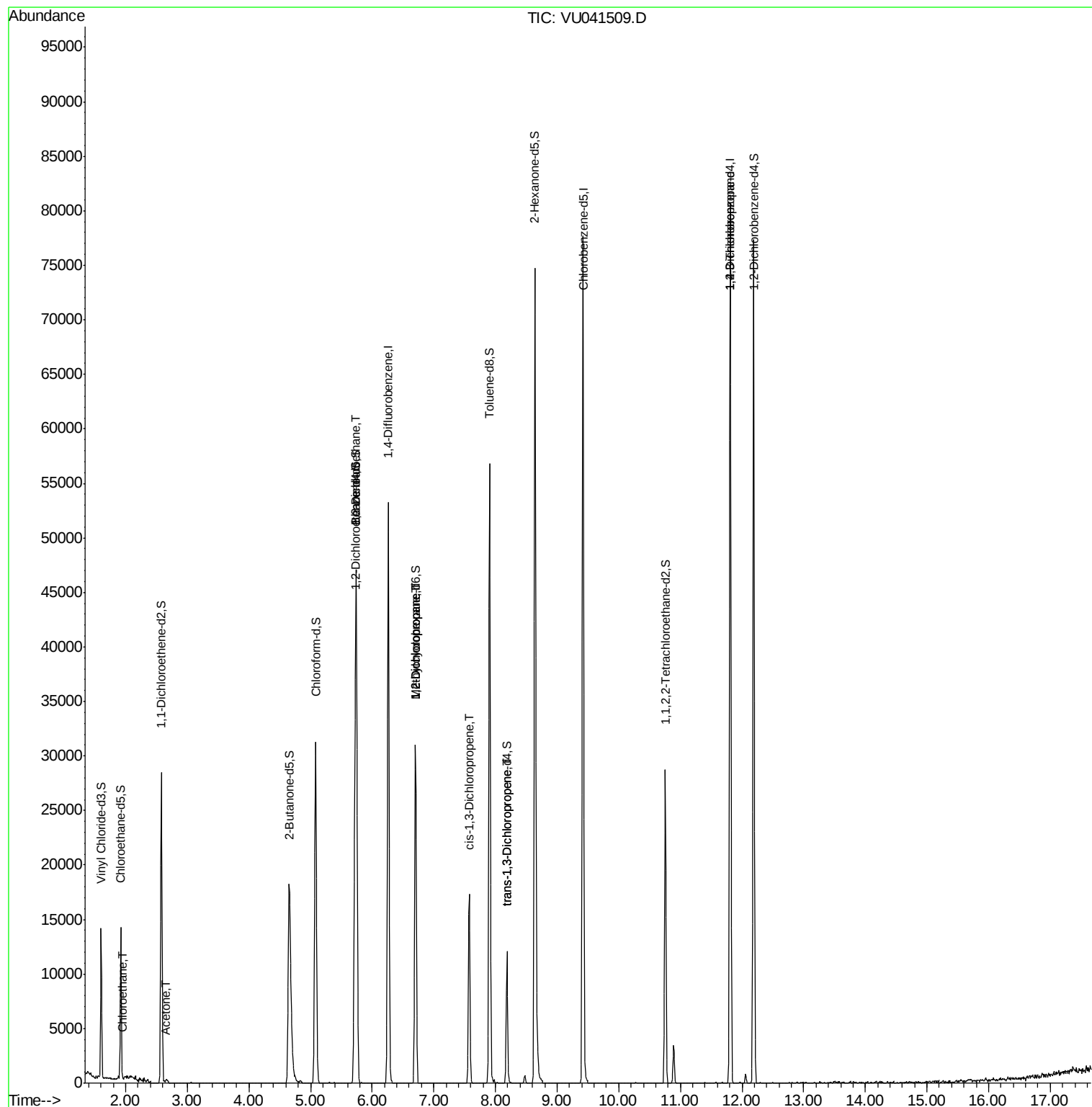
					Ovalue
8) Chloroethane	1.96	64	78	0.043	ug/L # 45
13) Acetone	2.66	43	726	1.185	ug/L # 50
27) 1,2-Dichloroethane	5.75	62	314	0.071	ug/L # 79
35) Methylcyclohexane	6.70	83	3423	0.818	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	1821	0.765	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	486	0.113	ug/L # 67
44) trans-1,3-Dichloropropene	8.18	75	320	0.074	ug/L # 42
59) 1,2,3-Trichloropropane	11.81	75	1874	0.811	ug/L # 71

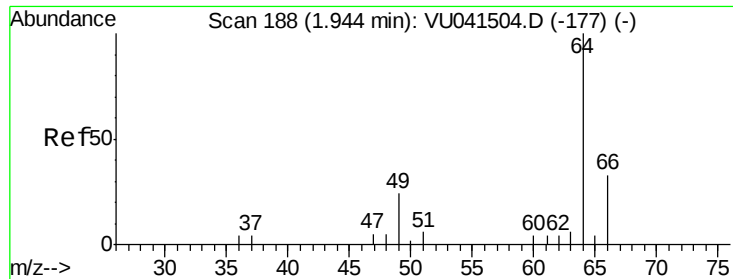
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.043 ug/L

RT: 1.96 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU041509.D

Acq: 09 Dec 2020 13:03

Instrument :

MSVOA_U

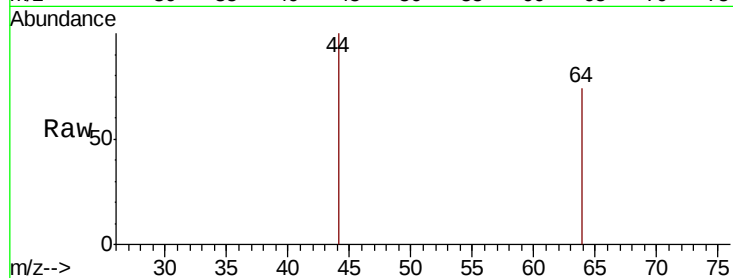
ClientSampled :

Tot Ion: 64 Resp: 78

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.96

200

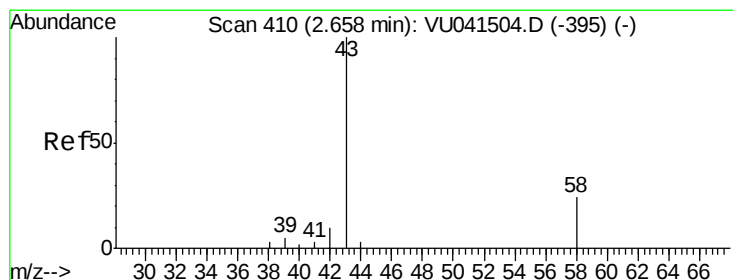
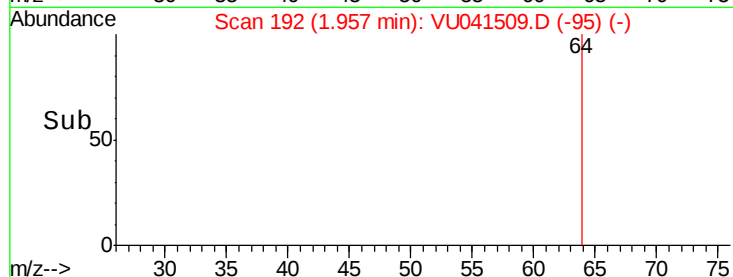
150

100

50

0

Time--> 1.94 1.95 1.96



#13

Acetone

Concen: 1.185 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU041509.D

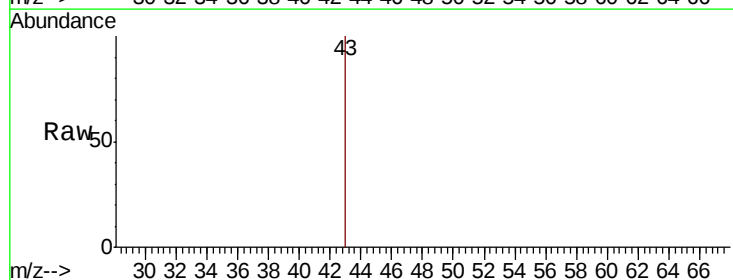
Acq: 09 Dec 2020 13:03

Tgt Ion: 43 Resp: 726

Ion Ratio Lower Upper

43 100

58 0.0 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

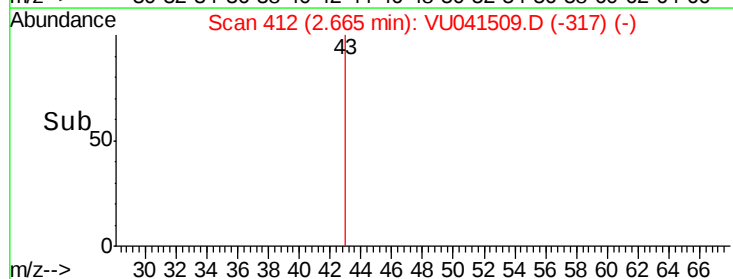
300

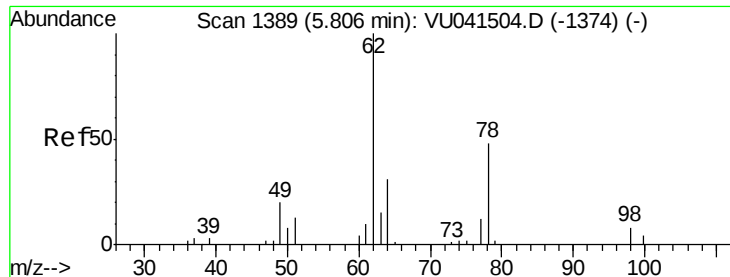
200

100

0

Time--> 2.65 2.70

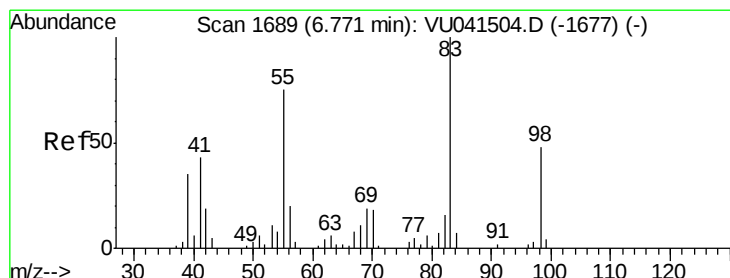
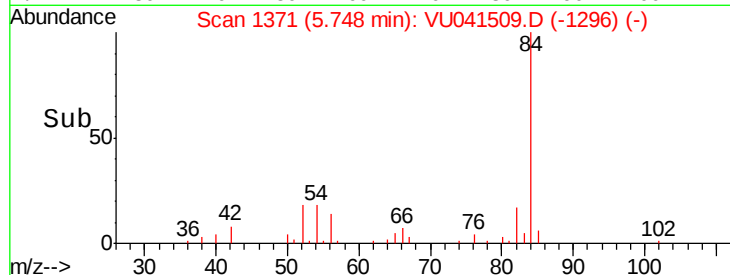
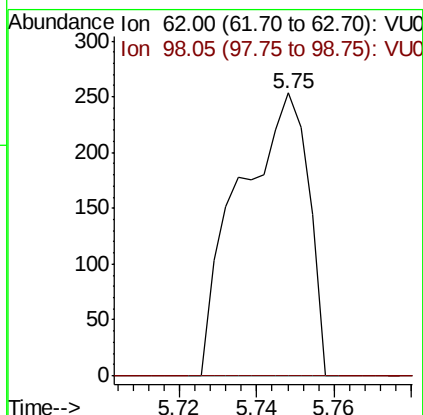
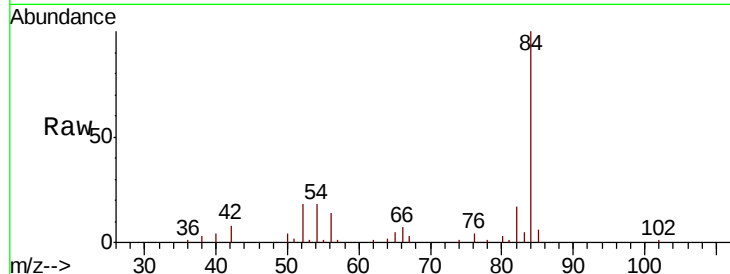




#27
 1,2-Dichloroethane
 Concen: 0.071 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041509.D
 Acq: 09 Dec 2020 13:03

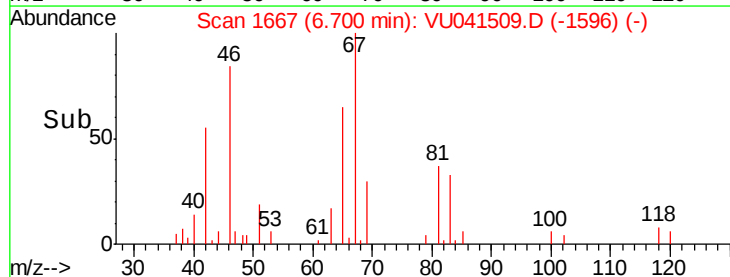
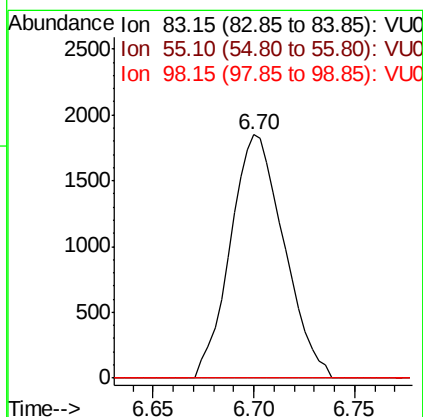
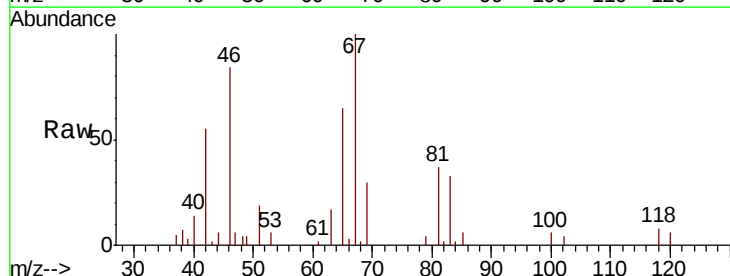
Instrument :
 MSVOA_U
 ClientSampleId :

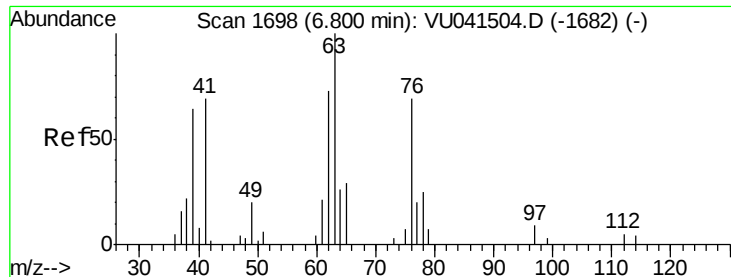
Tot Ion: 62 Resp: 314
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.818 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041509.D
 Acq: 09 Dec 2020 13:03

Tgt Ion: 83 Resp: 3423
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 38.7 58.1#

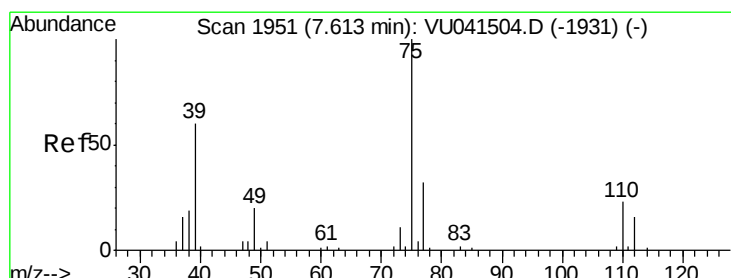
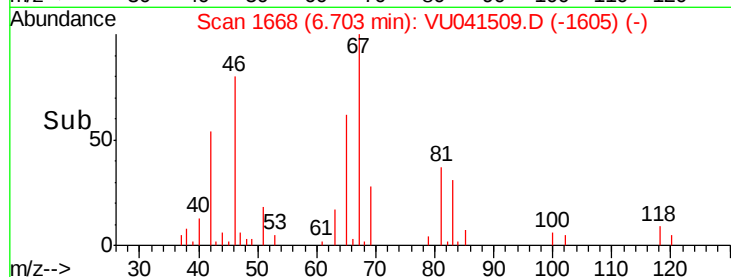
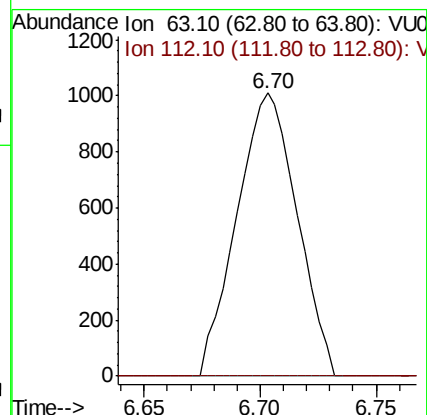
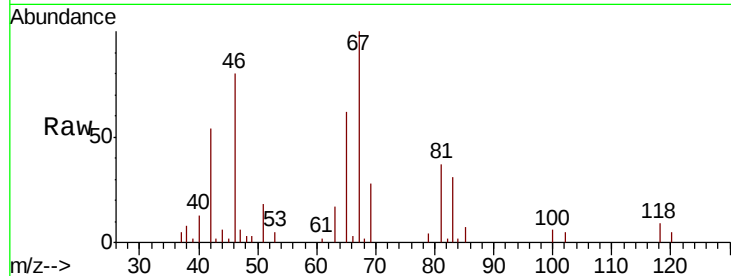




#37
 1,2-Dichloropropane
 Concen: 0.765 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041509.D
 Acq: 09 Dec 2020 13:03

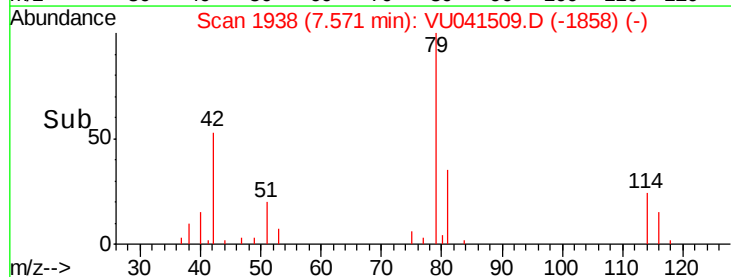
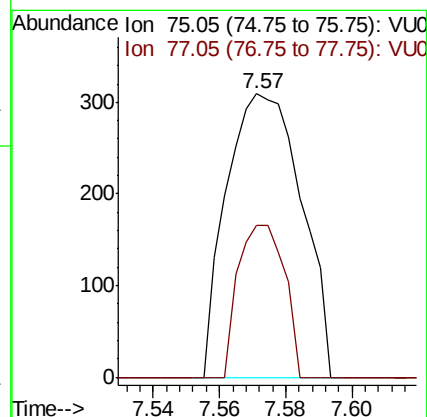
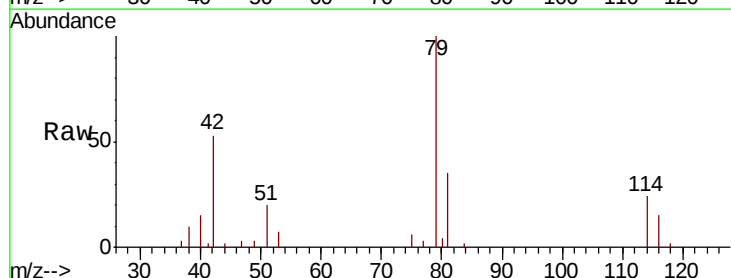
Instrument :
 MSVOA_U
 ClientSampleId :

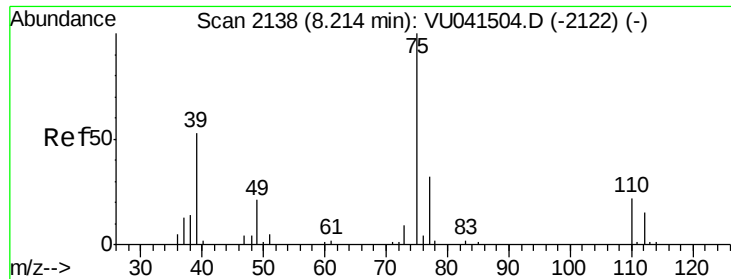
Tot Ion: 63 Resp: 1821
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041509.D
 Acq: 09 Dec 2020 13:03

Tgt Ion: 75 Resp: 486
 Ion Ratio Lower Upper
 75 100
 77 53.4 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU041509.D

Acq: 09 Dec 2020 13:03

Instrument :

MSVOA_U

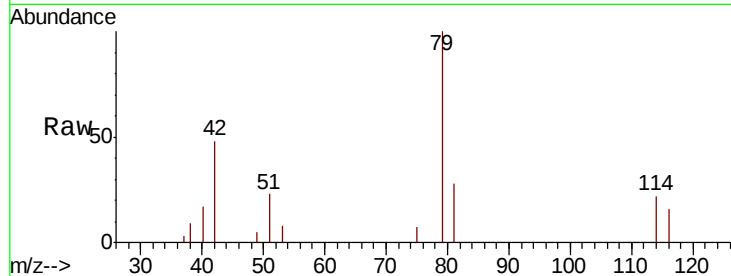
ClientSampled :

Tot Ion: 75 Resp: 320

Ion Ratio Lower Upper

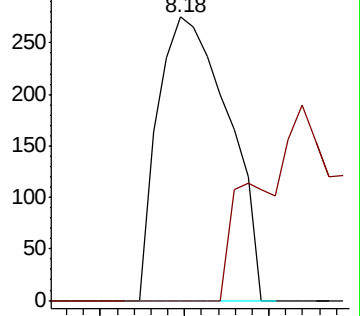
75 100

77 0.0 22.7 42.3#

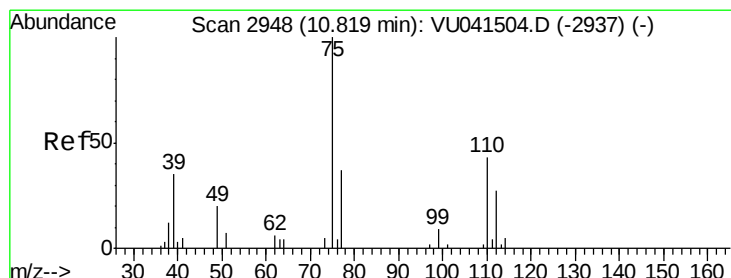
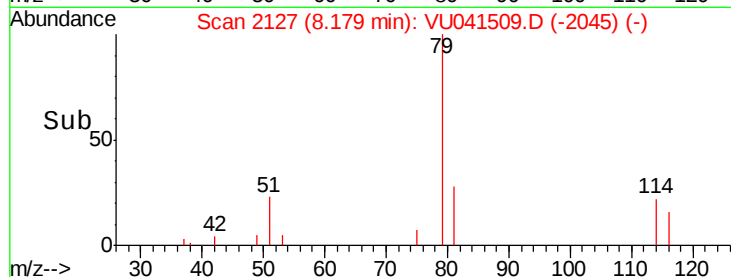


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.811 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041509.D

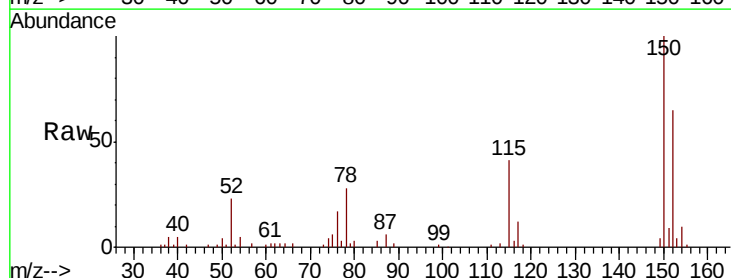
Acq: 09 Dec 2020 13:03

Tgt Ion: 75 Resp: 1874

Ion Ratio Lower Upper

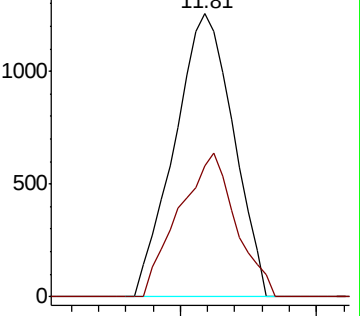
75 100

77 49.4 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

