

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040474.D
 Acq On : 02 Oct 2020 20:58
 Operator : SY/MD
 Sample : L4185-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5

Quant Time: Oct 03 00:20:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48982	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30361	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.92	69	26510	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.58	63	50479	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.66	46	130630	46.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.14%
24) Chloroform-d	5.08	84	66529	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	41835	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	124497	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.70	67	43289	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	104554	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.19	79	16870	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	85604	41.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34984	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	41433	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

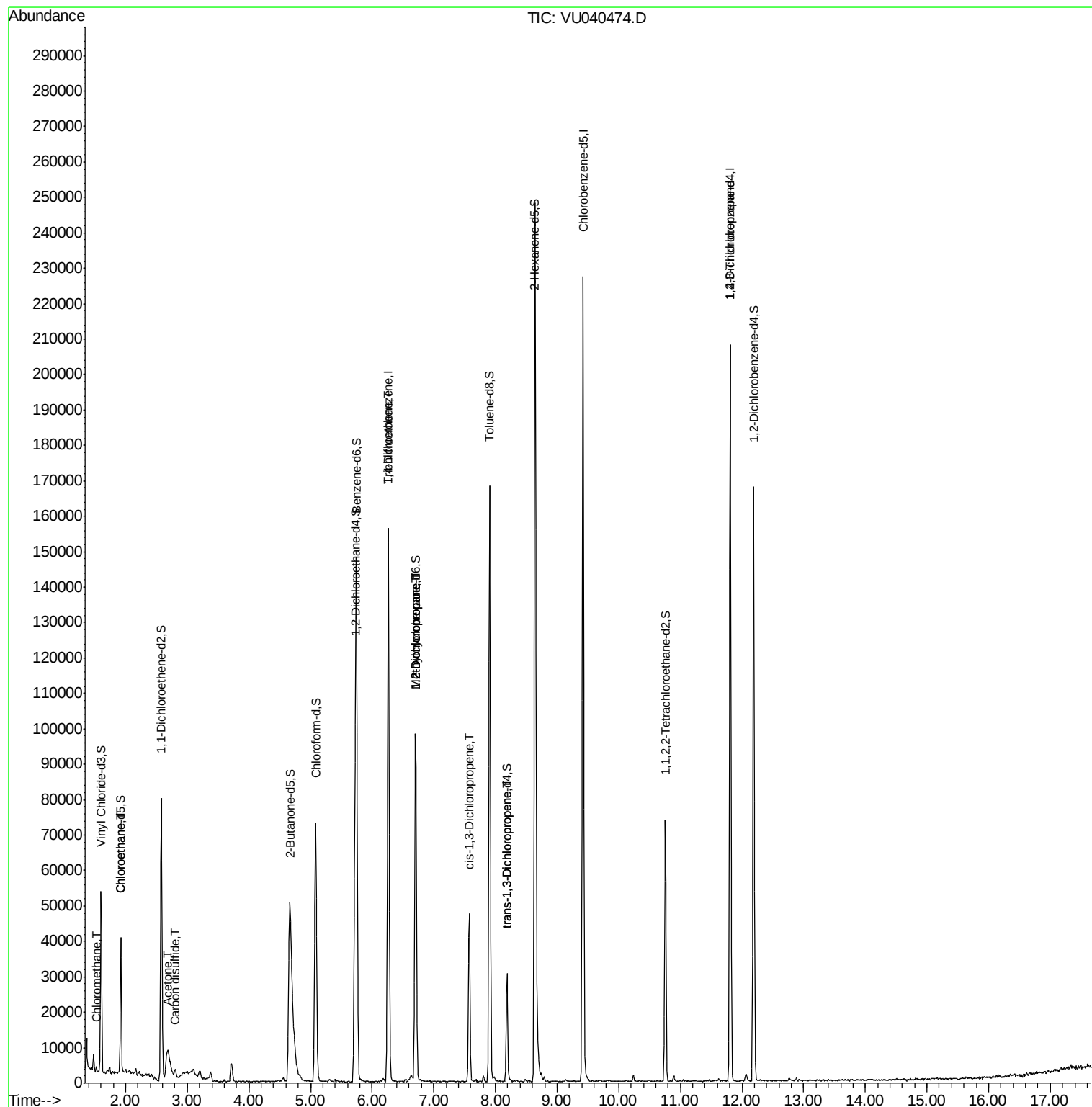
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1062	0.094	ug/L	94
8) Chloroethane	1.93	64	461	0.070	ug/L #	44
13) Acetone	2.68	43	29008	12.277	ug/L	47
14) Carbon disulfide	2.81	76	2856	0.103	ug/L	96
34) Trichloroethene	6.27	95	2308	0.222	ug/L #	8
35) Methylcyclohexane	6.71	83	10143	0.664	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5323	0.487	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1195	0.082	ug/L	90
44) trans-1,3-Dichloropropene	8.19	75	685	0.051	ug/L	94
59) 1,2,3-Trichloropropane	11.81	75	6952	0.878	ug/L #	87

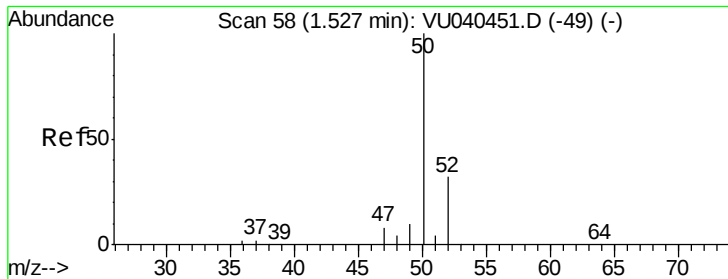
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.094 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040474.D

Acq: 02 Oct 2020 20:58

Instrument :

MSVOA_U

ClientSampled :

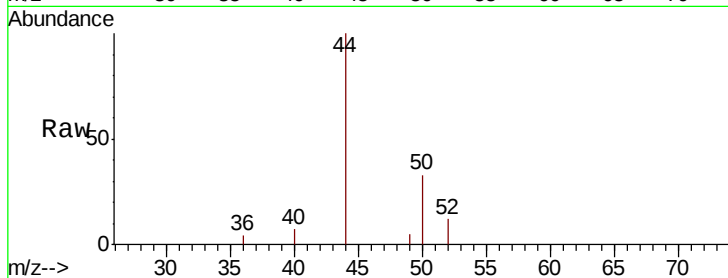
C0AR5

Tot Ion: 50 Resp: 1062

Ion Ratio Lower Upper

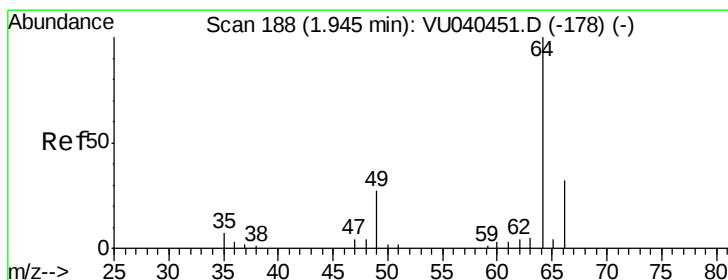
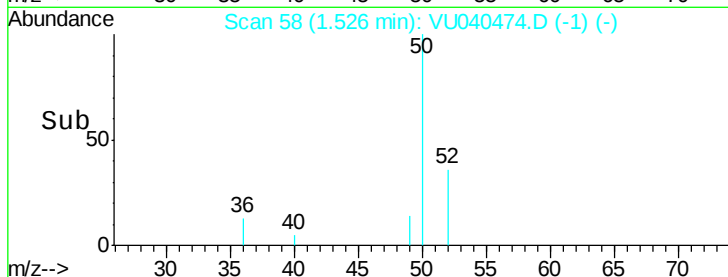
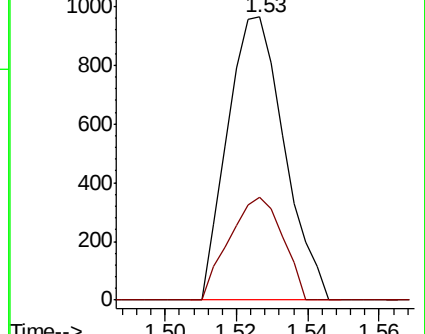
50 100

52 36.2 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.070 ug/L

RT: 1.93 min Scan# 183

Delta R.T. -0.02 min

Lab File: VU040474.D

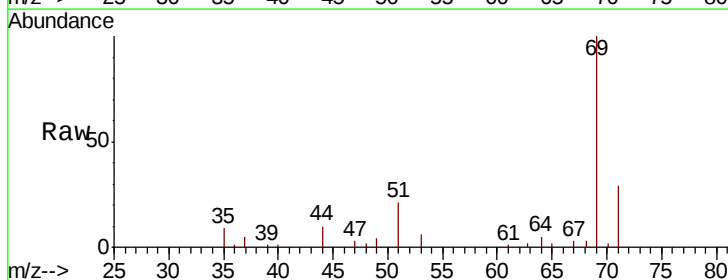
Acq: 02 Oct 2020 20:58

Tgt Ion: 64 Resp: 461

Ion Ratio Lower Upper

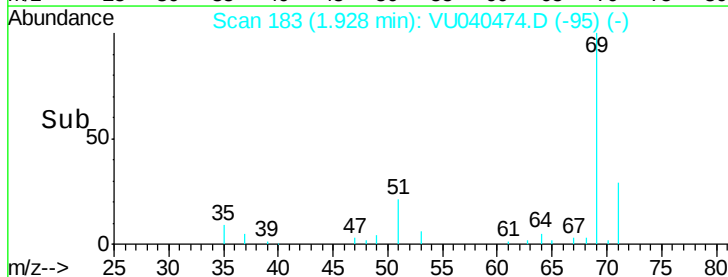
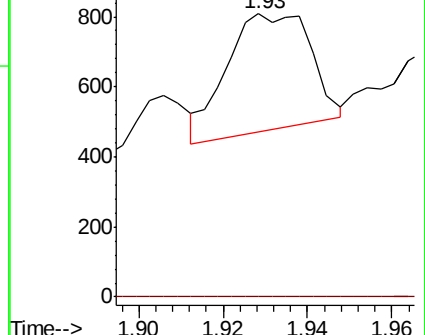
64 100

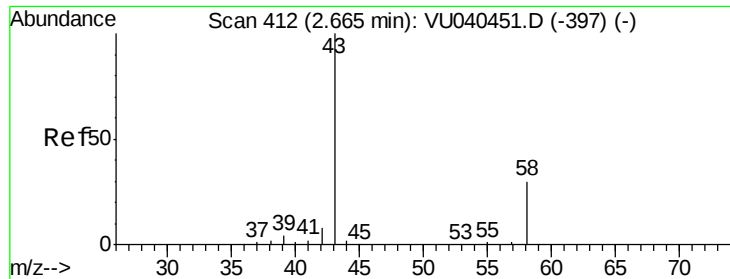
66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 12.277 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.02 min

Lab File: VU040474.D

Acq: 02 Oct 2020 20:58

Instrument :

MSVOA_U

ClientSampleId :

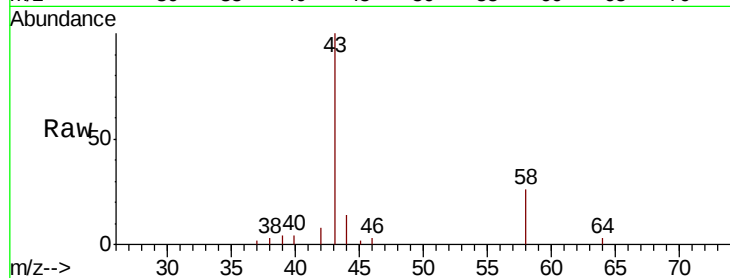
C0AR5

Tot Ion: 43 Resp: 29008

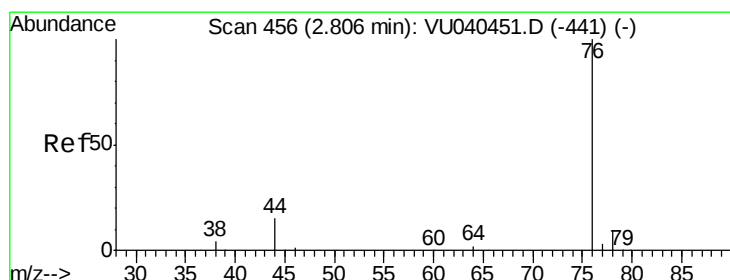
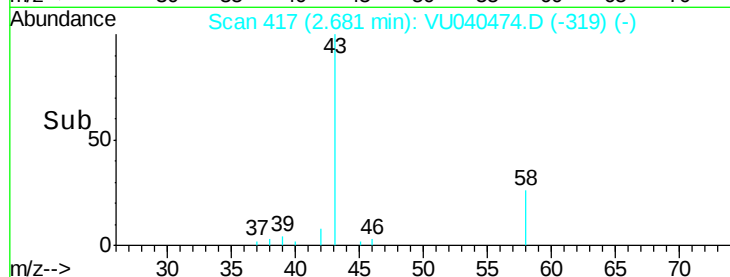
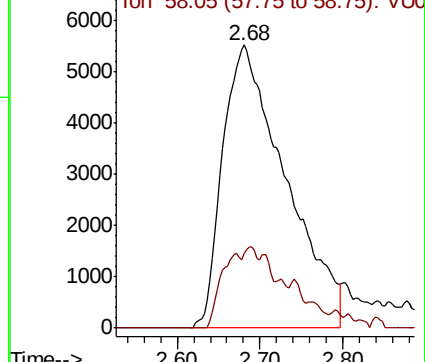
Ion Ratio Lower Upper

43 100

58 1.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040474.D (-319) (-)



#14

Carbon disulfide

Concen: 0.103 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040474.D

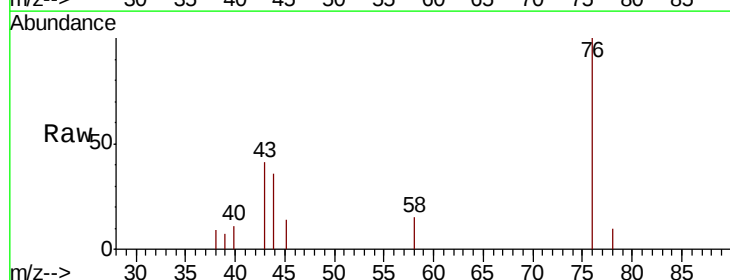
Acq: 02 Oct 2020 20:58

Tgt Ion: 76 Resp: 2856

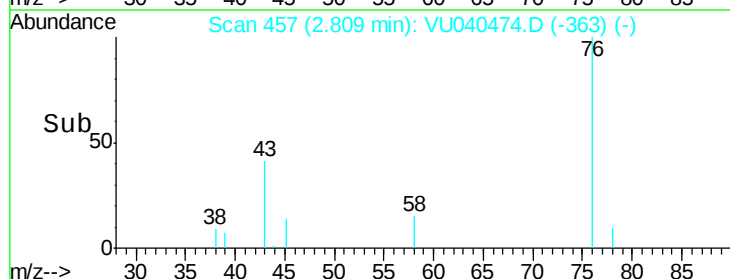
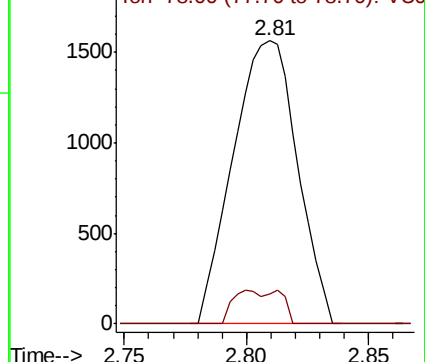
Ion Ratio Lower Upper

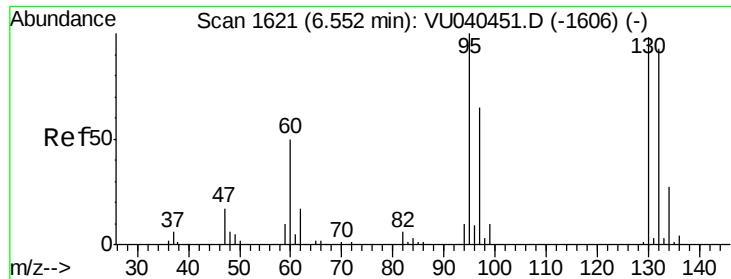
76 100

78 10.4 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040474.D (-363) (-)

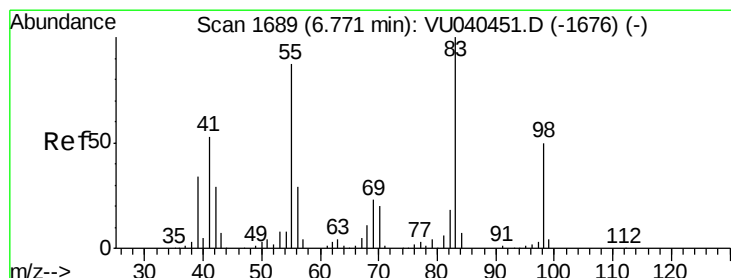
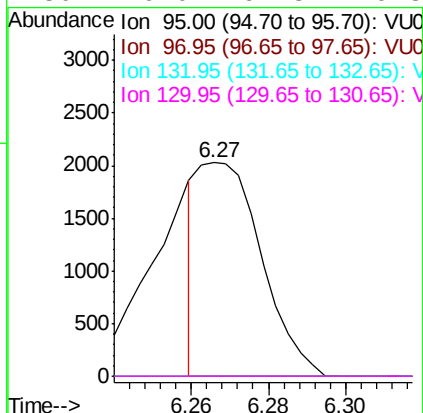
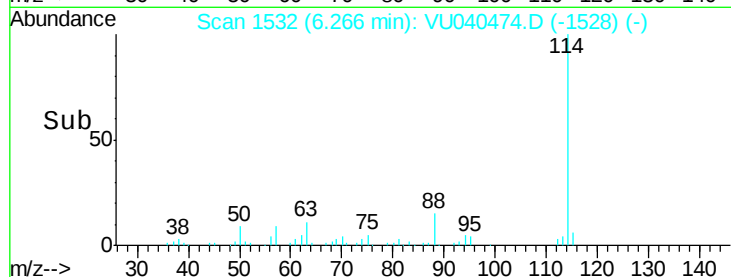
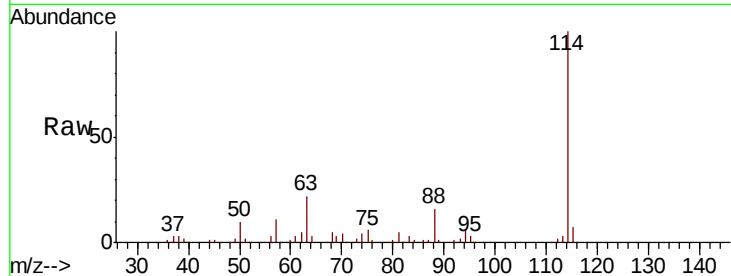




#34
 Trichloroethene
 Concen: 0.222 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040474.D
 Acq: 02 Oct 2020 20:58

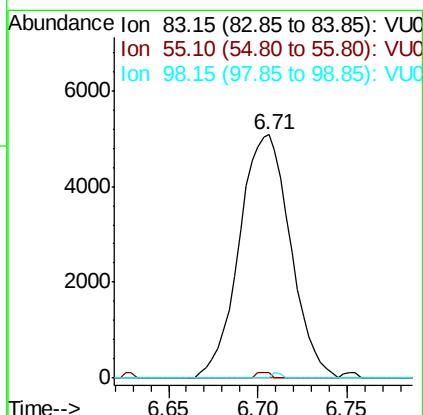
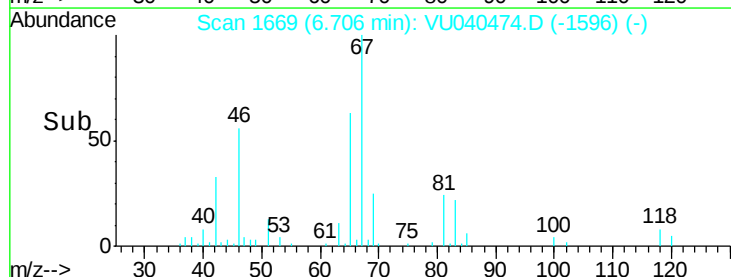
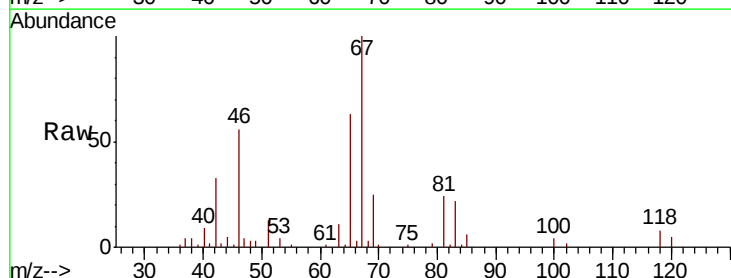
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5

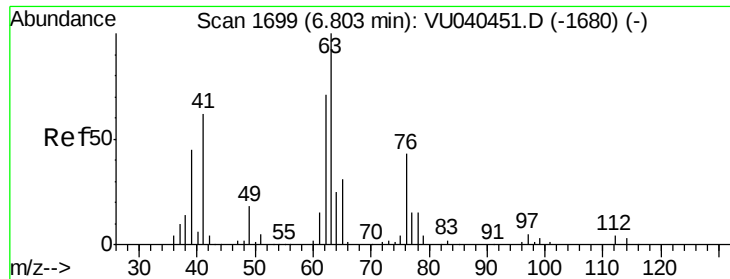
Tot Ion: 95 Resp: 2308
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 60.5 112.3#
 130 0.0 64.3 119.3#



#35
 Methylcyclohexane
 Concen: 0.664 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.06 min
 Lab File: VU040474.D
 Acq: 02 Oct 2020 20:58

Tgt Ion: 83 Resp: 10143
 Ion Ratio Lower Upper
 83 100
 55 0.7 71.4 107.2#
 98 0.4 38.5 57.7#

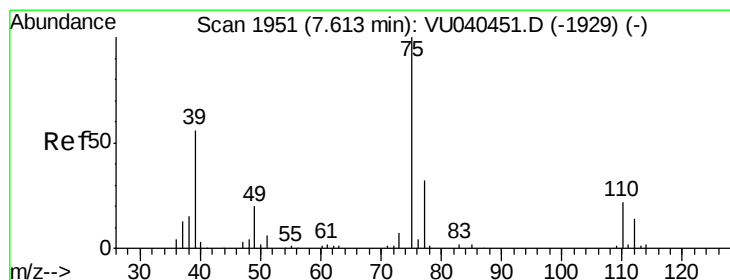
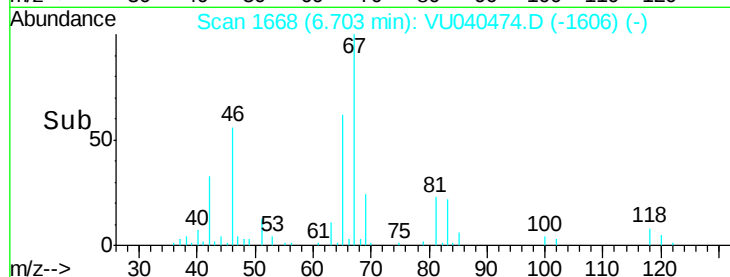
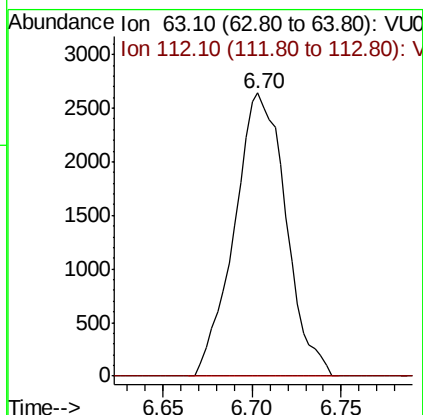
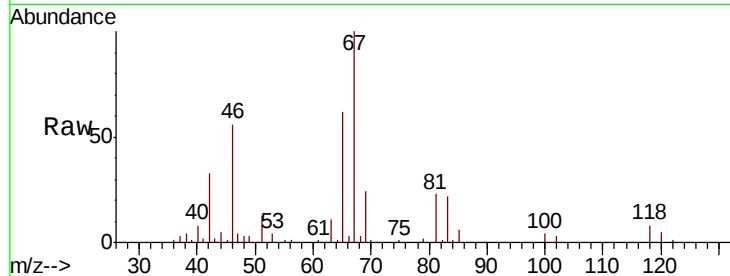




#37
 1,2-Dichloropropane
 Concen: 0.487 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040474.D
 Acq: 02 Oct 2020 20:58

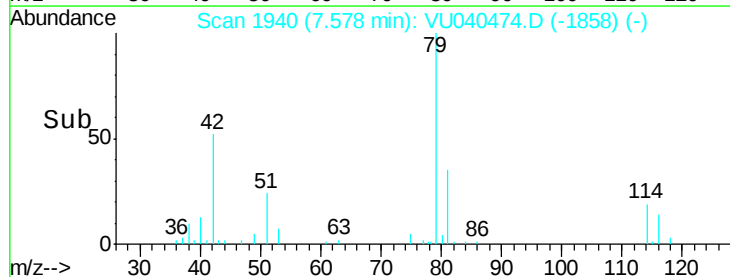
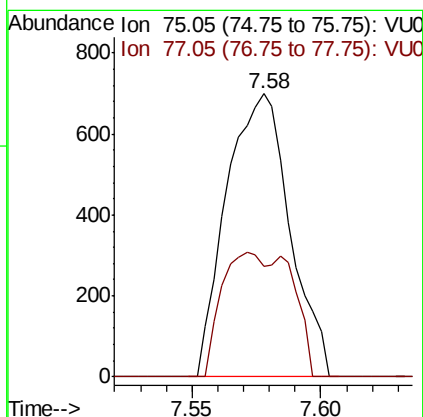
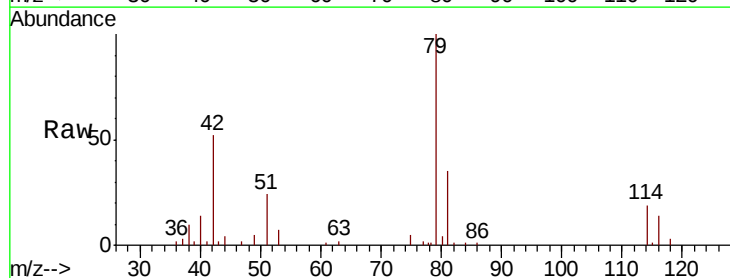
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR5

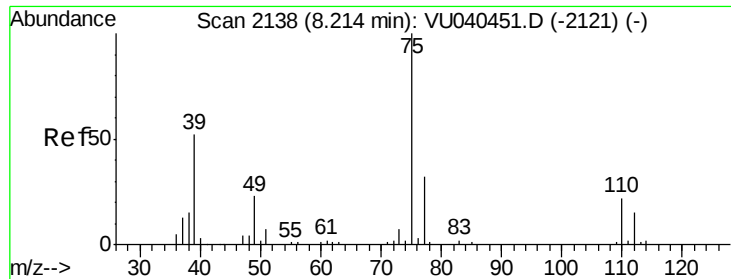
Tot Ion: 63 Resp: 5323
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040474.D
 Acq: 02 Oct 2020 20:58

Tgt Ion: 75 Resp: 1195
 Ion Ratio Lower Upper
 75 100
 77 39.2 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040474.D

Acq: 02 Oct 2020 20:58

Instrument :

MSVOA_U

ClientSampled :

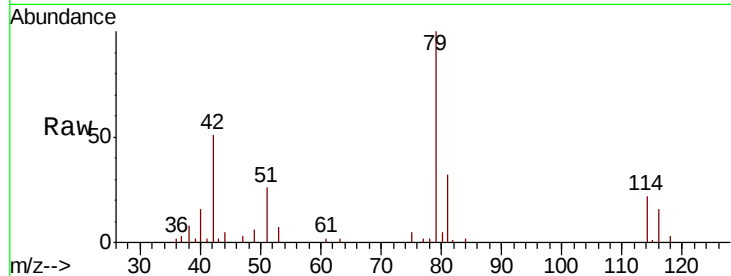
C0AR5

Tot Ion: 75 Resp: 685

Ion Ratio Lower Upper

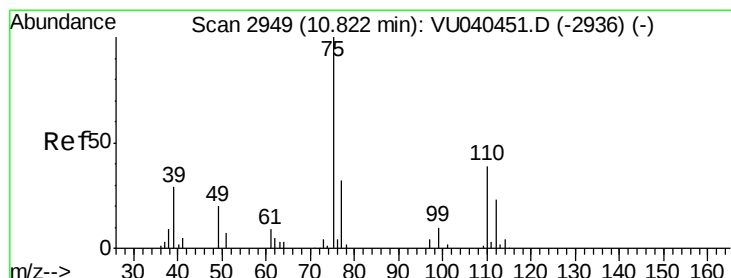
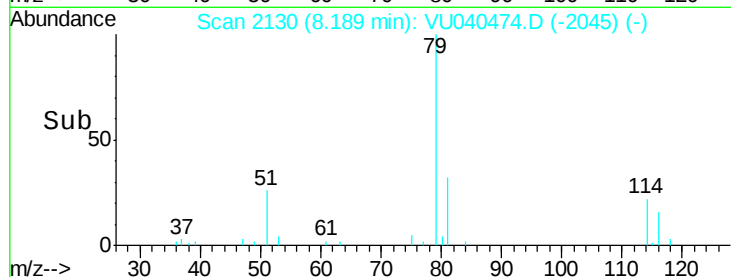
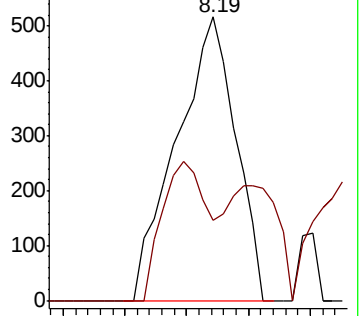
75 100

77 28.3 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.878 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040474.D

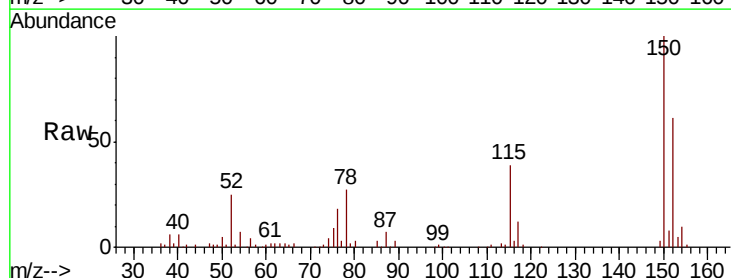
Acq: 02 Oct 2020 20:58

Tgt Ion: 75 Resp: 6952

Ion Ratio Lower Upper

75 100

77 39.3 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

