

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040211.D
 Acq On : 18 Sep 2020 15:17
 Operator : SY/MD
 Sample : L4063-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2

Quant Time: Sep 18 23:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27020	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.92	69	25376	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	45323	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.66	46	133390	53.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	5.08	84	70584	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	44140	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	121472	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.70	67	41099	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.91	98	95801	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.19	79	16542	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	94601	49.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38822	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	39395	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

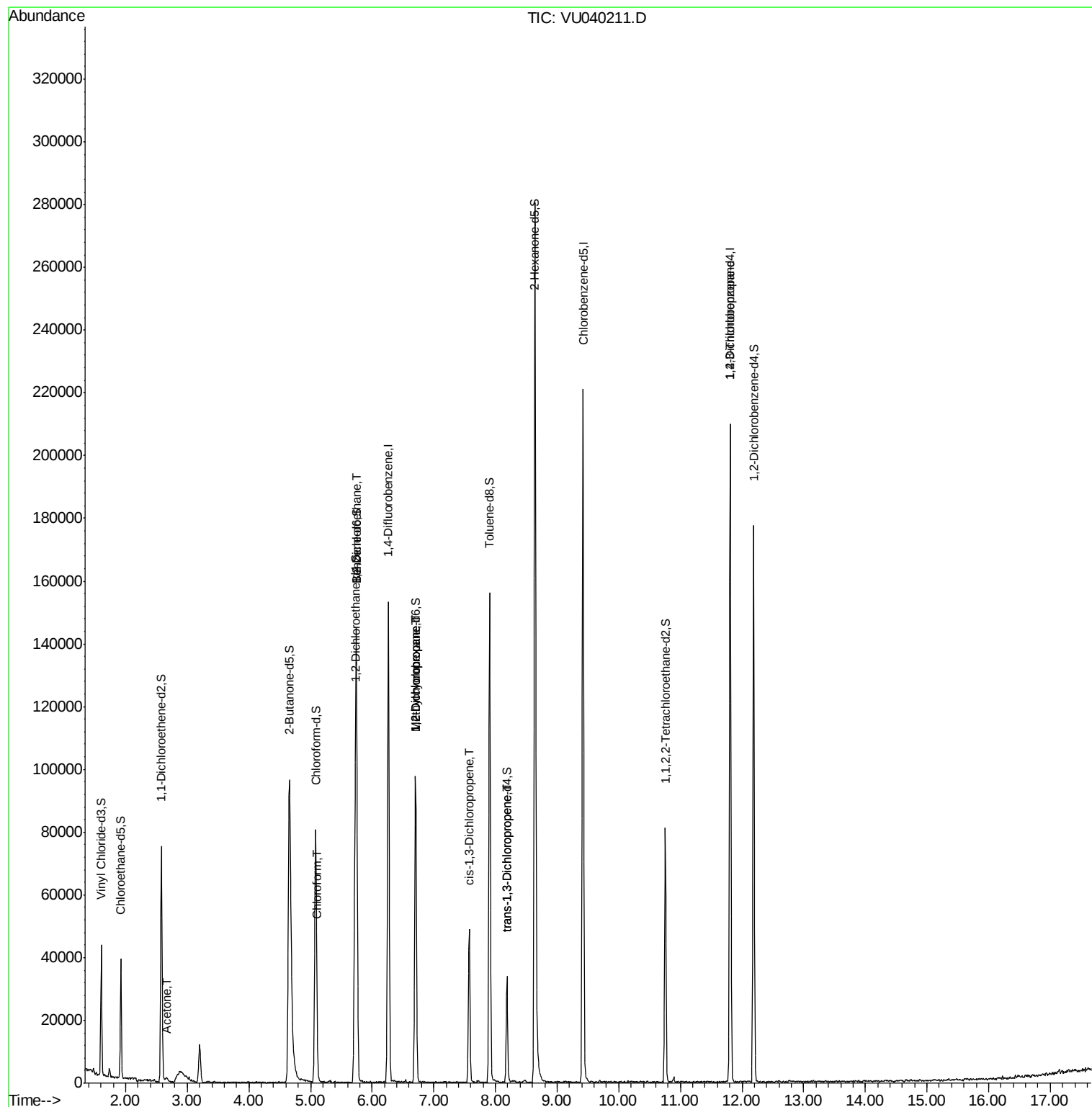
					Ovalue
13) Acetone	2.66	43	1501	0.645 ug/L	83
25) Chloroform	5.11	83	1794	0.089 ug/L	84
27) 1,2-Dichloroethane	5.74	62	897	0.061 ug/L #	78
35) Methylcyclohexane	6.70	83	9952	0.598 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5210	0.475 ug/L #	88
39) cis-1,3-Dichloropropene	7.56	75	1409	0.087 ug/L	91
44) trans-1,3-Dichloropropene	8.19	75	900	0.060 ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	7342	0.903 ug/L	93

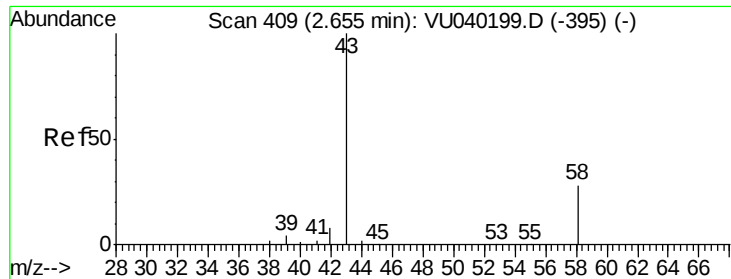
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.645 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040211.D

Acq: 18 Sep 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

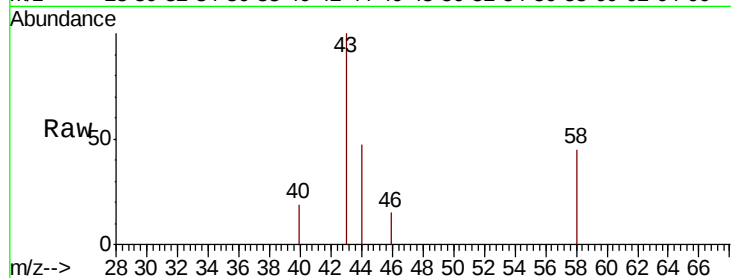
C0AK2

Tot Ion: 43 Resp: 1501

Ion Ratio Lower Upper

43 100

58 36.4 0.0 55.4

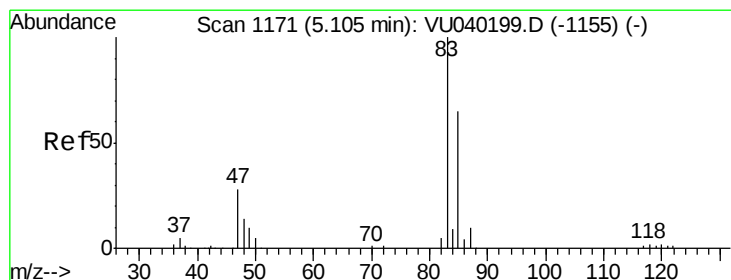
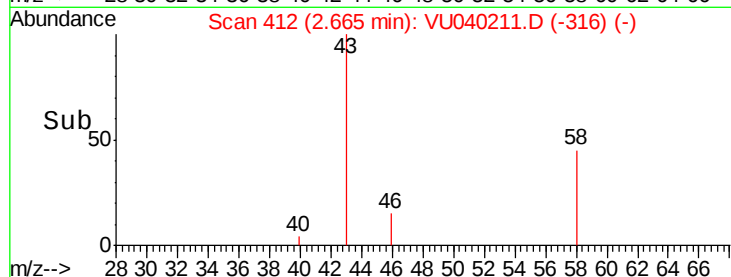


Abundance Ion 43.05 (42.75 to 43.75): VU040211.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040211.D (-395) (-)

2.66

Time--> 2.60 2.62 2.64 2.66 2.68



#25

Chloroform

Concen: 0.089 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040211.D

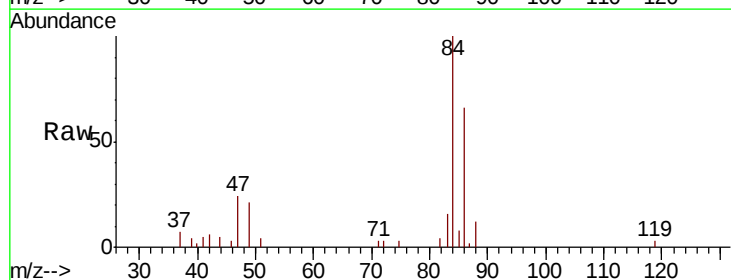
Acq: 18 Sep 2020 15:17

Tgt Ion: 83 Resp: 1794

Ion Ratio Lower Upper

83 100

85 52.1 45.3 84.1

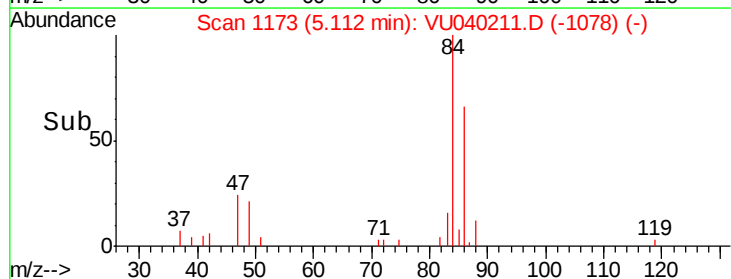


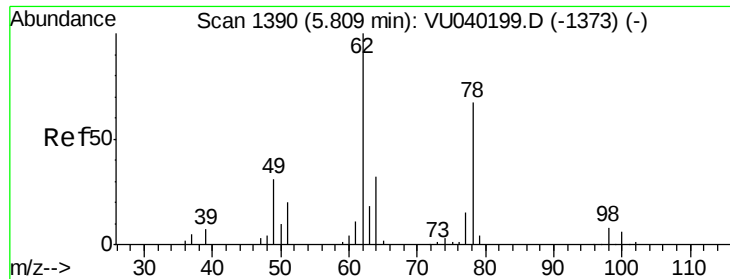
Abundance Ion 83.05 (82.75 to 83.75): VU040211.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040211.D (-1078) (-)

5.11

Time--> 5.05 5.10 5.15

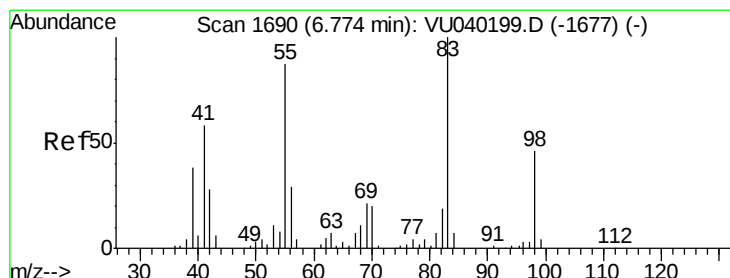
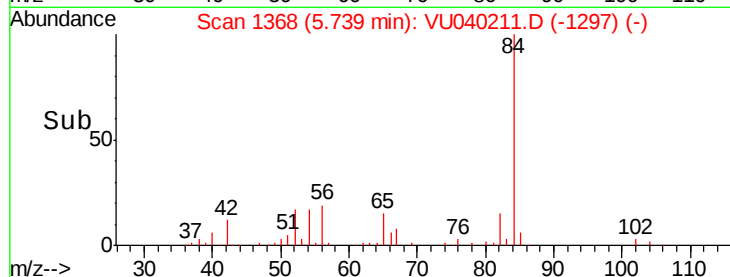
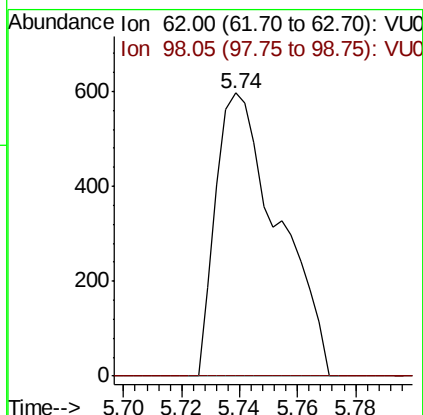
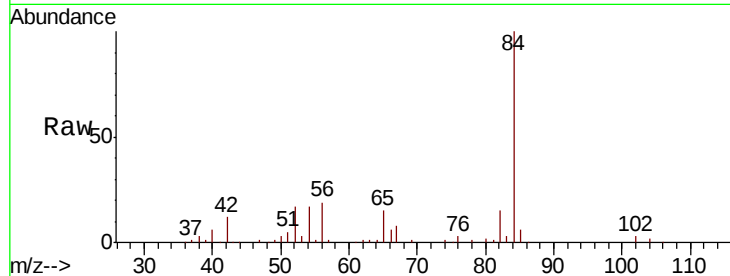




#27
 1,2-Dichloroethane
 Concen: 0.061 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040211.D
 Acq: 18 Sep 2020 15:17

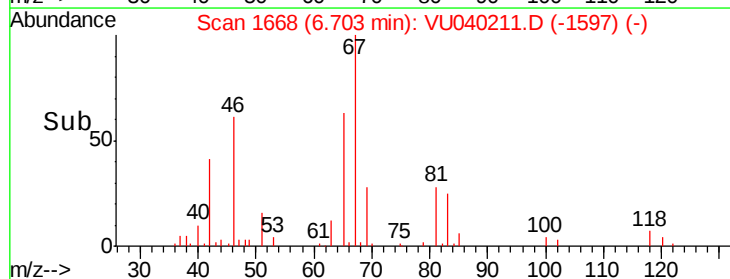
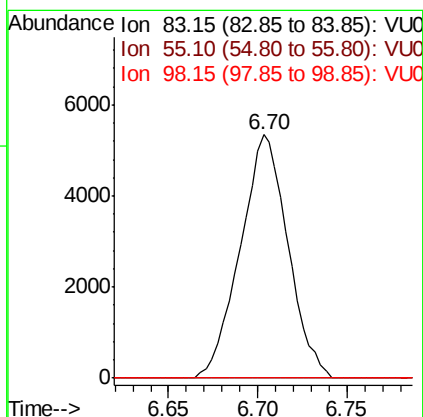
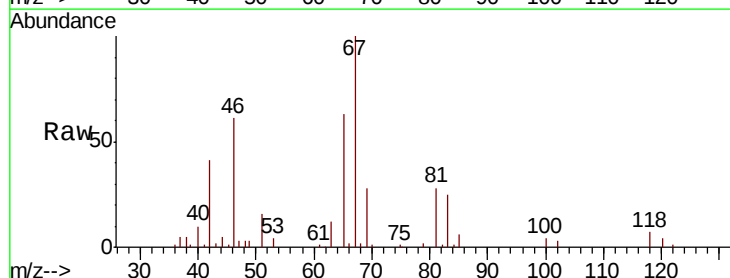
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2

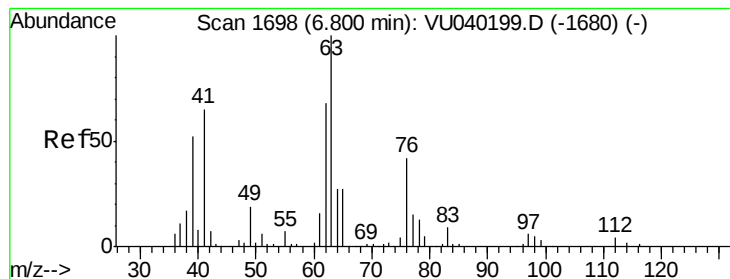
Tot Ion: 62 Resp: 897
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#35
 Methylcyclohexane
 Concen: 0.598 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040211.D
 Acq: 18 Sep 2020 15:17

Tgt Ion: 83 Resp: 9952
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.4 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.475 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040211.D

Acq: 18 Sep 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

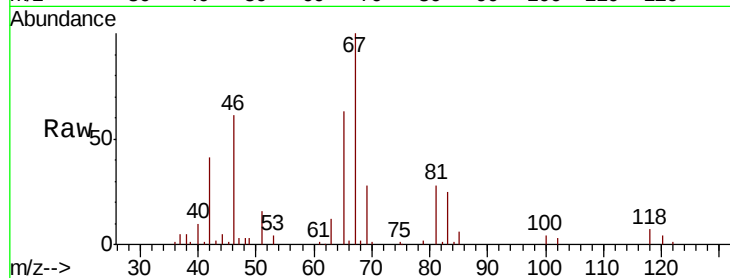
C0AK2

Tot Ion: 63 Resp: 5210

Ion Ratio Lower Upper

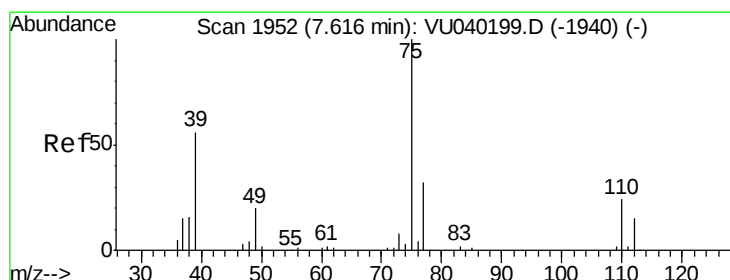
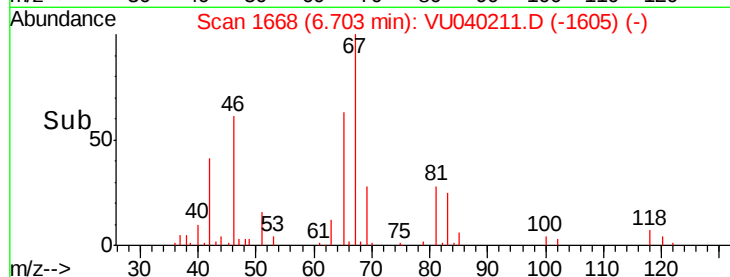
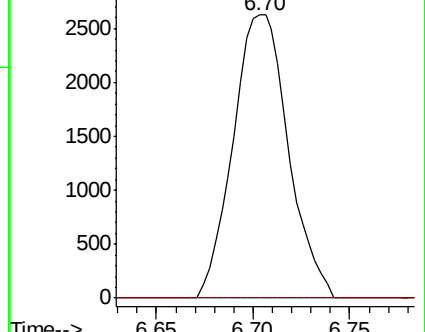
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040211.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU040211.D (-1668) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.56 min Scan# 1936

Delta R.T. -0.05 min

Lab File: VU040211.D

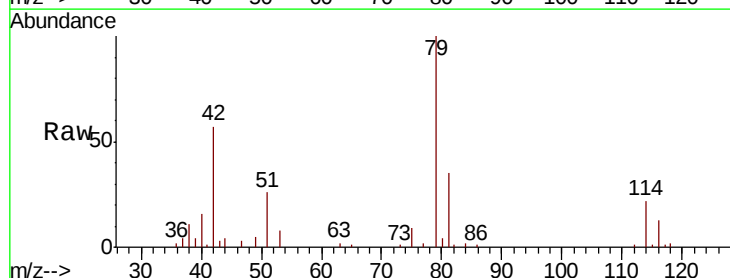
Acq: 18 Sep 2020 15:17

Tgt Ion: 75 Resp: 1409

Ion Ratio Lower Upper

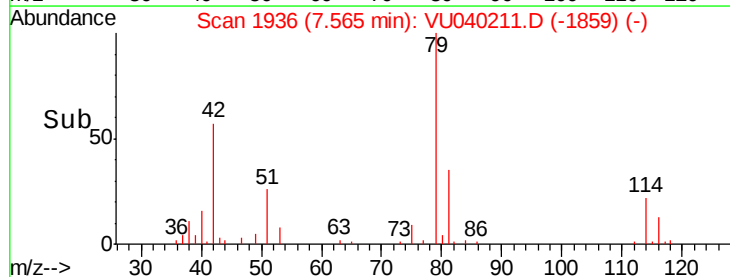
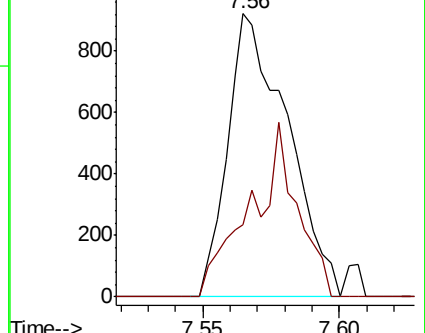
75 100

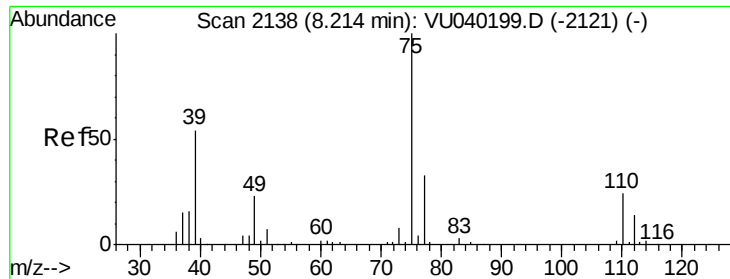
77 25.4 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VU040211.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU040211.D (-1859) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040211.D

Acq: 18 Sep 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

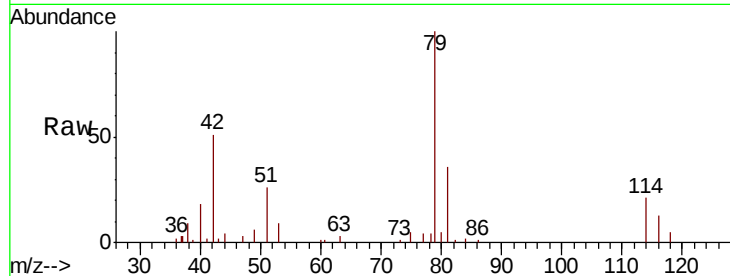
C0AK2

Tot Ion: 75 Resp: 900

Ion Ratio Lower Upper

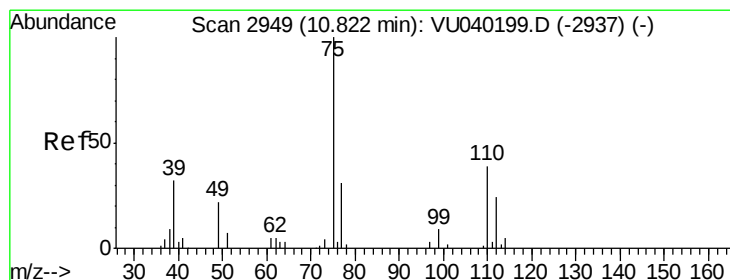
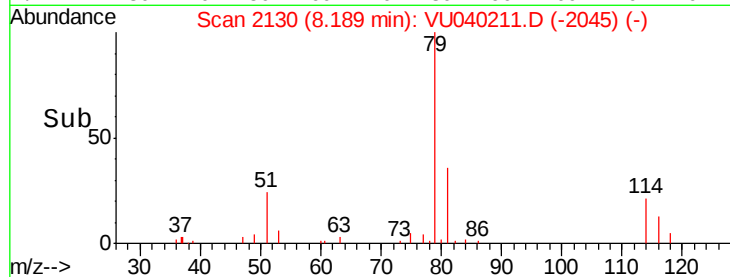
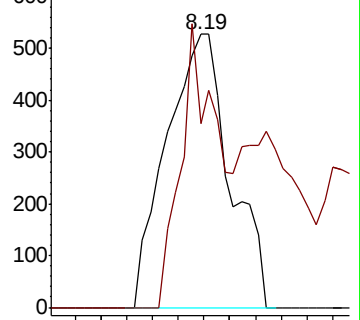
75 100

77 67.2 23.9 44.3#



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: 0.903 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040211.D

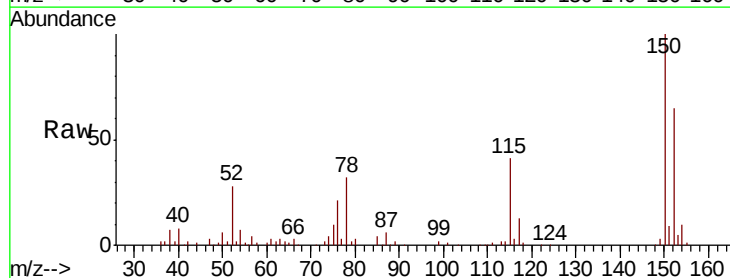
Acq: 18 Sep 2020 15:17

Tgt Ion: 75 Resp: 7342

Ion Ratio Lower Upper

75 100

77 35.2 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

