

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
 Data File : VU041521.D
 Acq On : 09 Dec 2020 18:05
 Operator : SY/MD
 Sample : L4995-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:48:21 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	42346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	44117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7921	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.92	69	8132	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.58	63	16111	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.66	46	35526	43.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.12%
24) Chloroform-d	5.08	84	28203	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	19768	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	40924	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.70	67	11308	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.91	98	35879	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.19	79	7089	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	29267	41.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	13655	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	18116	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

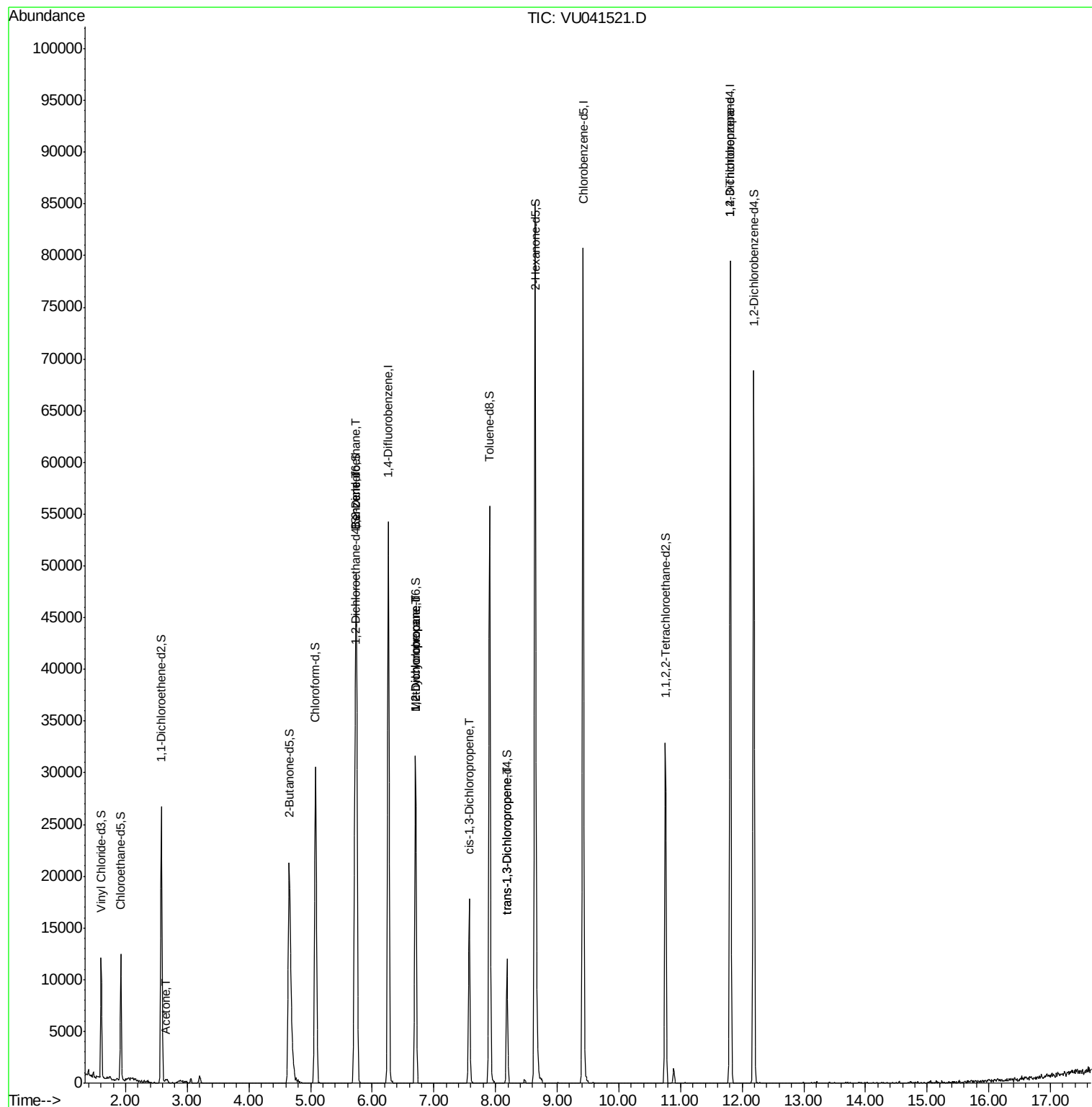
					Ovalue
13) Acetone	2.66	43	480	0.756	ug/L 58
27) 1,2-Dichloroethane	5.75	62	205	0.045	ug/L # 79
33) Benzene	5.74	78	267	0.024	ug/L 100
35) Methylcyclohexane	6.70	83	3733	0.830	ug/L # 17
37) 1,2-Dichloropropane	6.71	63	1976	0.772	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	387	0.084	ug/L 93
44) trans-1,3-Dichloropropene	8.18	75	305	0.066	ug/L # 42
59) 1,2,3-Trichloropropane	11.81	75	1894	0.763	ug/L # 60

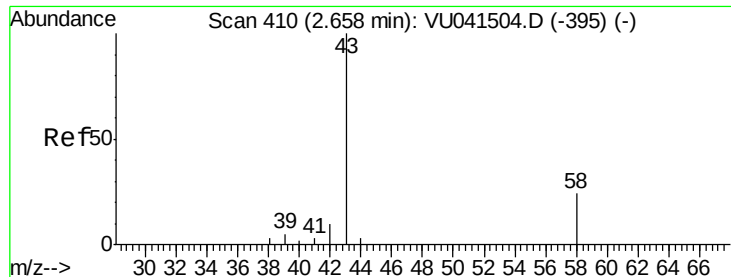
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.756 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU041521.D

Acq: 09 Dec 2020 18:05

Instrument :

MSVOA_U

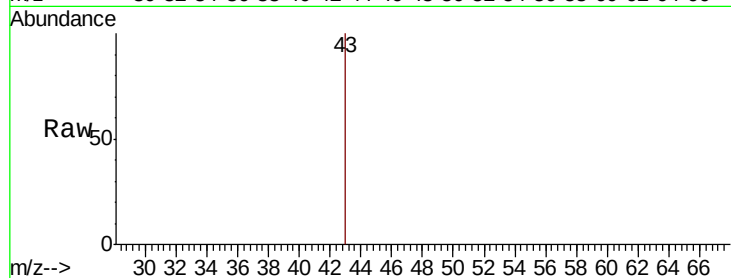
ClientSampleId :

Tot Ion: 43 Resp: 480

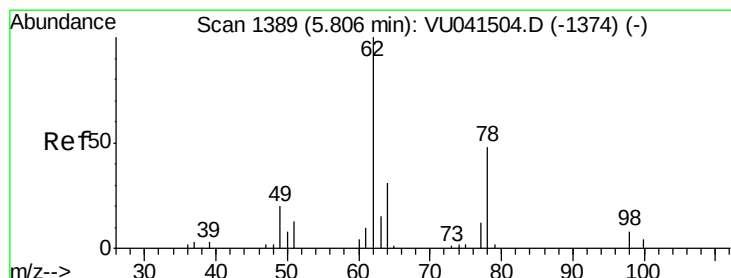
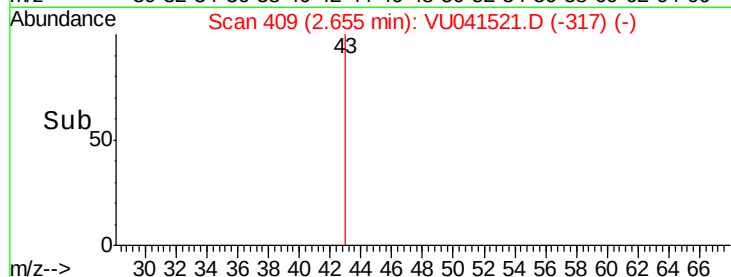
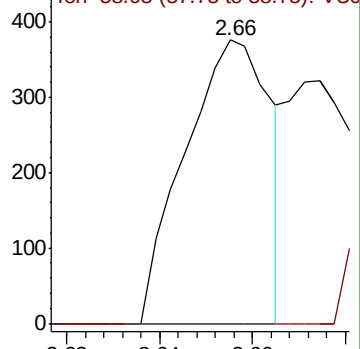
Ion Ratio Lower Upper

43 100

58 4.0 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU041504.D (-395) (-)



#27

1,2-Dichloroethane

Concen: 0.045 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.06 min

Lab File: VU041521.D

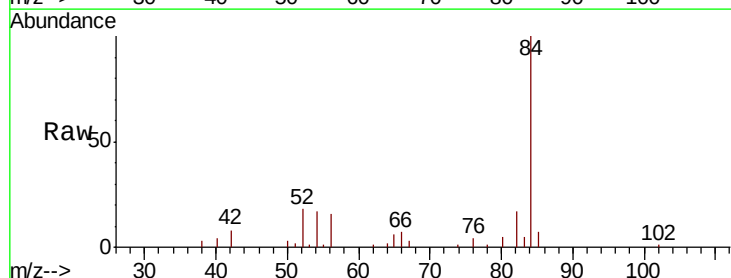
Acq: 09 Dec 2020 18:05

Tgt Ion: 62 Resp: 205

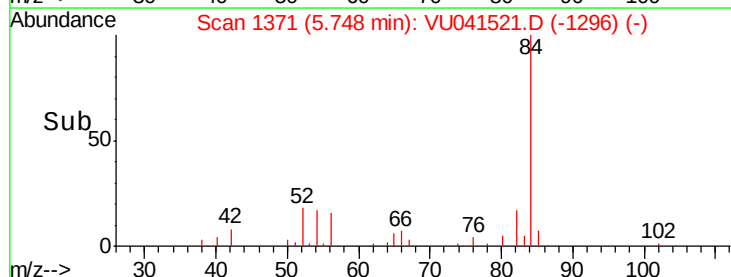
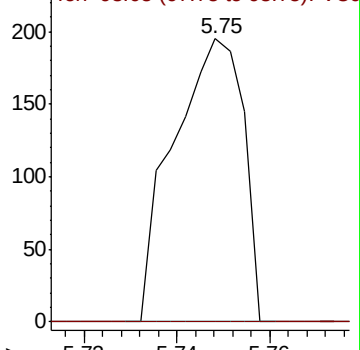
Ion Ratio Lower Upper

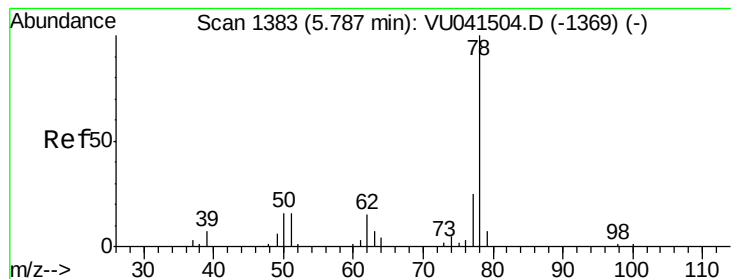
62 100

98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU041504.D (-1374) (-)





#33

Benzene

Concen: 0.024 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041521.D

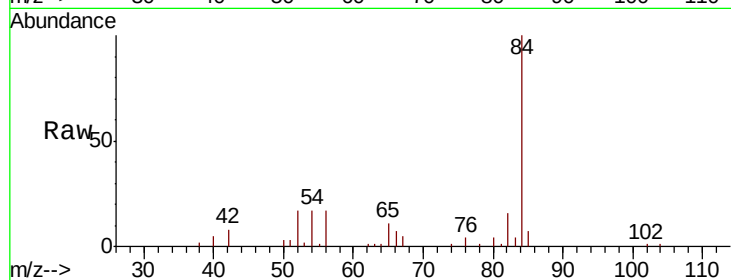
Acq: 09 Dec 2020 18:05

Instrument :

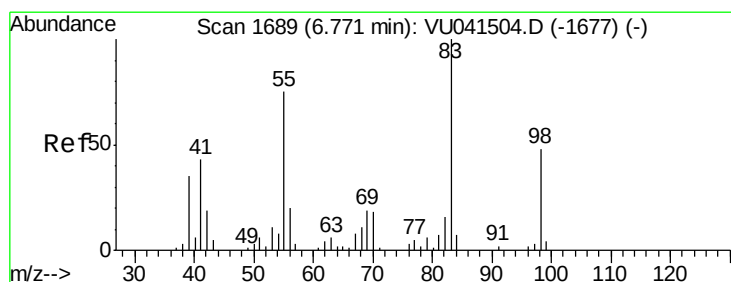
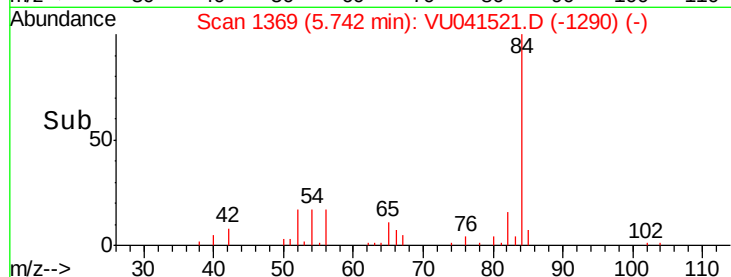
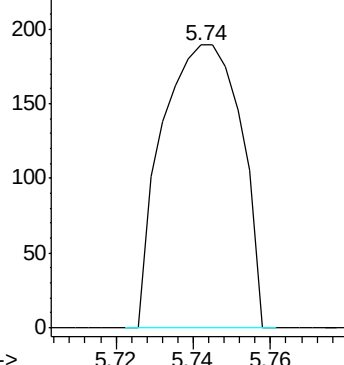
MSVOA_U

ClientSampled :

Tgt Ion: 78 Resp: 267



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.830 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041521.D

Acq: 09 Dec 2020 18:05

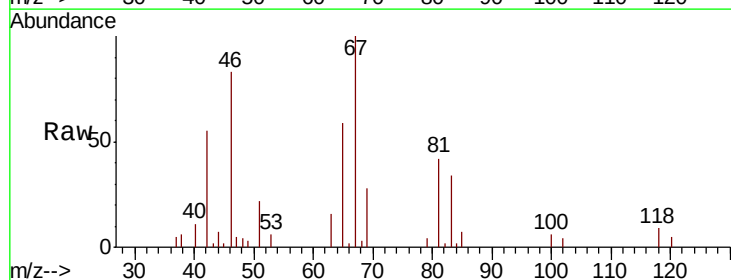
Tgt Ion: 83 Resp: 3733

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

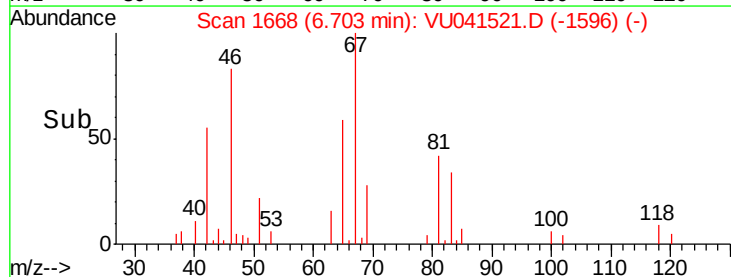
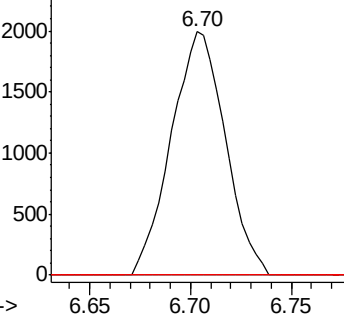
98 0.0 38.7 58.1#

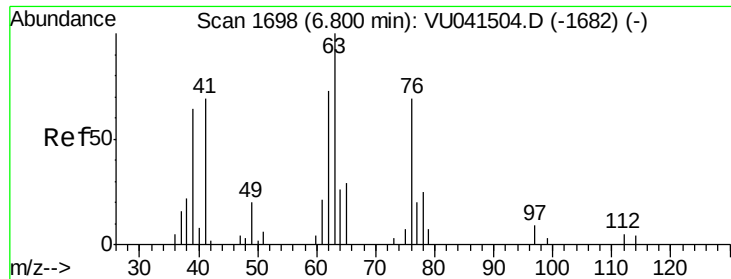


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

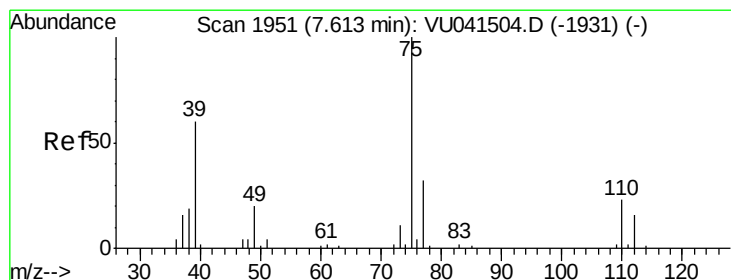
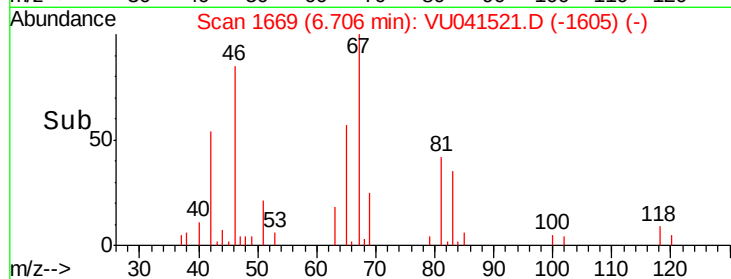
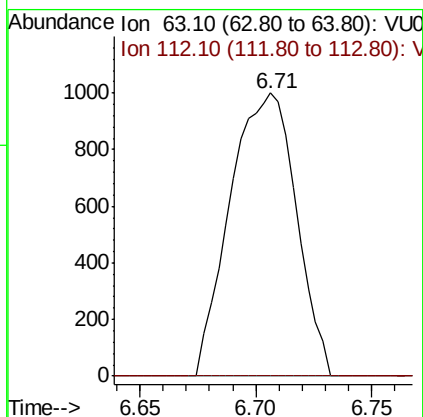
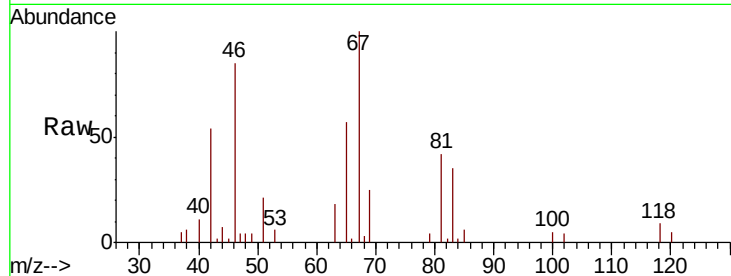




#37
 1,2-Dichloropropane
 Concen: 0.772 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041521.D
 Acq: 09 Dec 2020 18:05

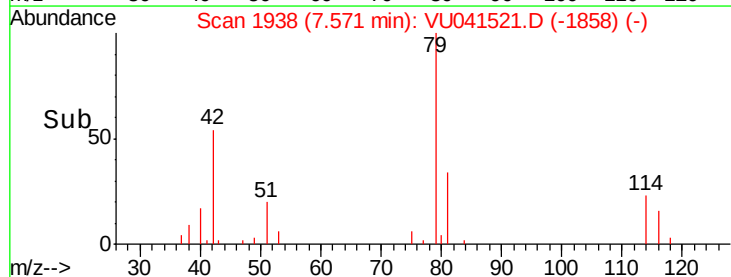
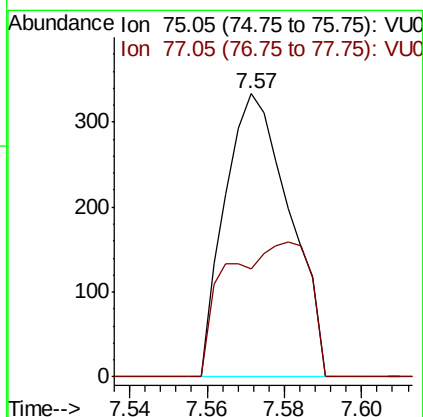
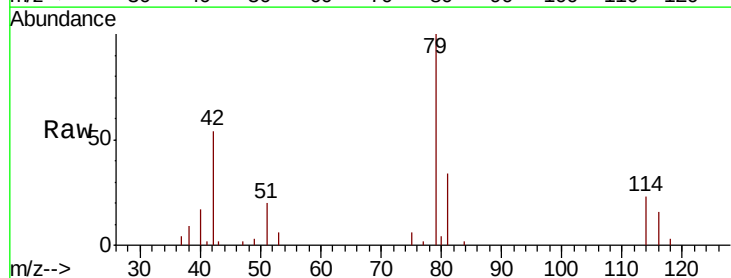
Instrument :
 MSVOA_U
 ClientSampleId :

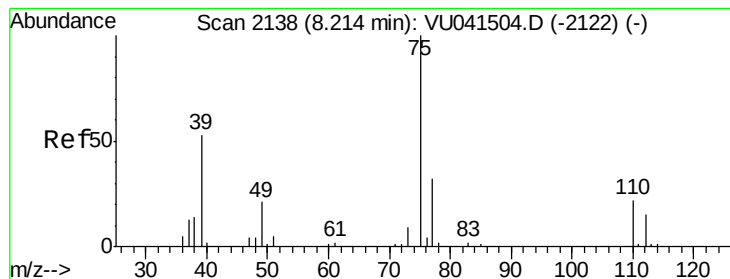
Tot Ion: 63 Resp: 1976
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041521.D
 Acq: 09 Dec 2020 18:05

Tgt Ion: 75 Resp: 387
 Ion Ratio Lower Upper
 75 100
 77 38.1 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 8.18 min Scan# 2127

Delta R.T. -0.04 min

Lab File: VU041521.D

Acq: 09 Dec 2020 18:05

Instrument :

MSVOA_U

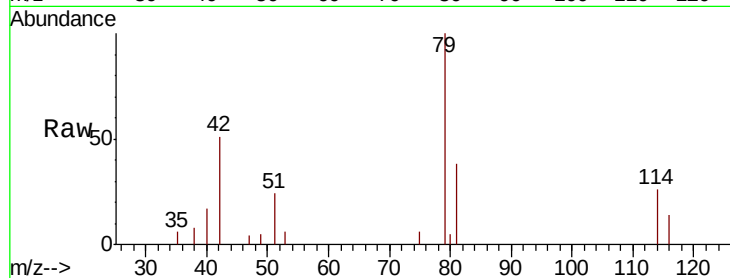
ClientSampled :

Tot Ion: 75 Resp: 305

Ion Ratio Lower Upper

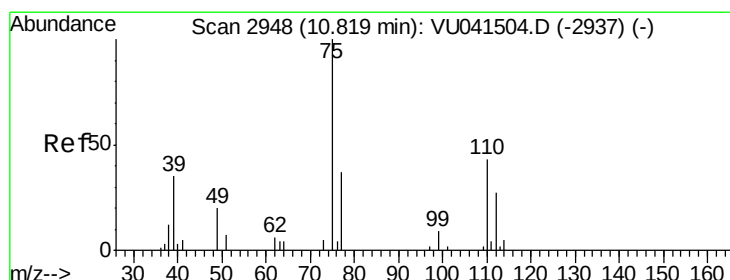
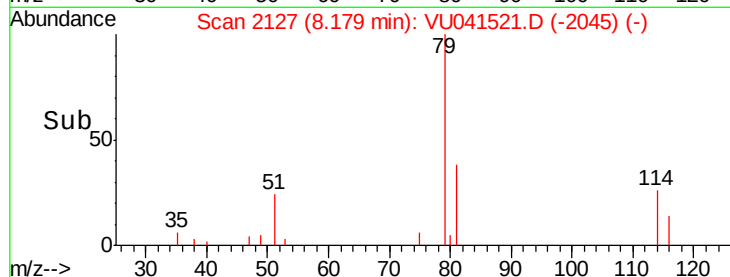
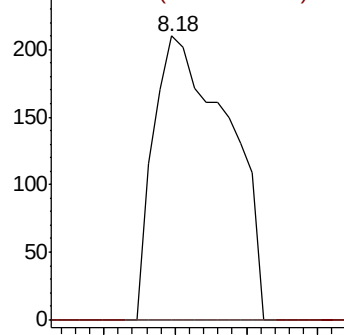
75 100

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



#59

1,2,3-Trichloropropane

Concen: 0.763 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041521.D

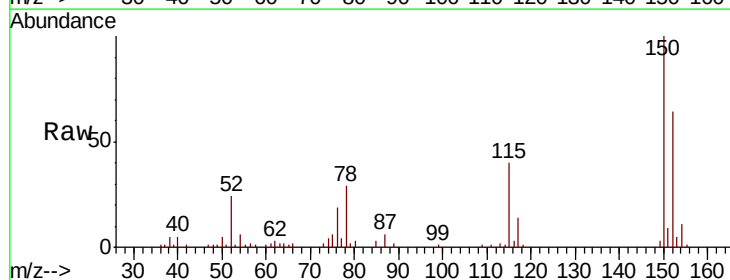
Acq: 09 Dec 2020 18:05

Tgt Ion: 75 Resp: 1894

Ion Ratio Lower Upper

75 100

77 55.2 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

