

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
 Data File : VU041523.D
 Acq On : 09 Dec 2020 18:52
 Operator : SY/MD
 Sample : L4995-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:48:33 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	46733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	47530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7590	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.92	69	8225	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.58	63	15646	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.66	46	35219	39.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.26%
24) Chloroform-d	5.08	84	27793	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.72	65	20387	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.74	84	44456	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	12542	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.90	98	40722	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.18	79	7603	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	29070	38.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11311	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	18007	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

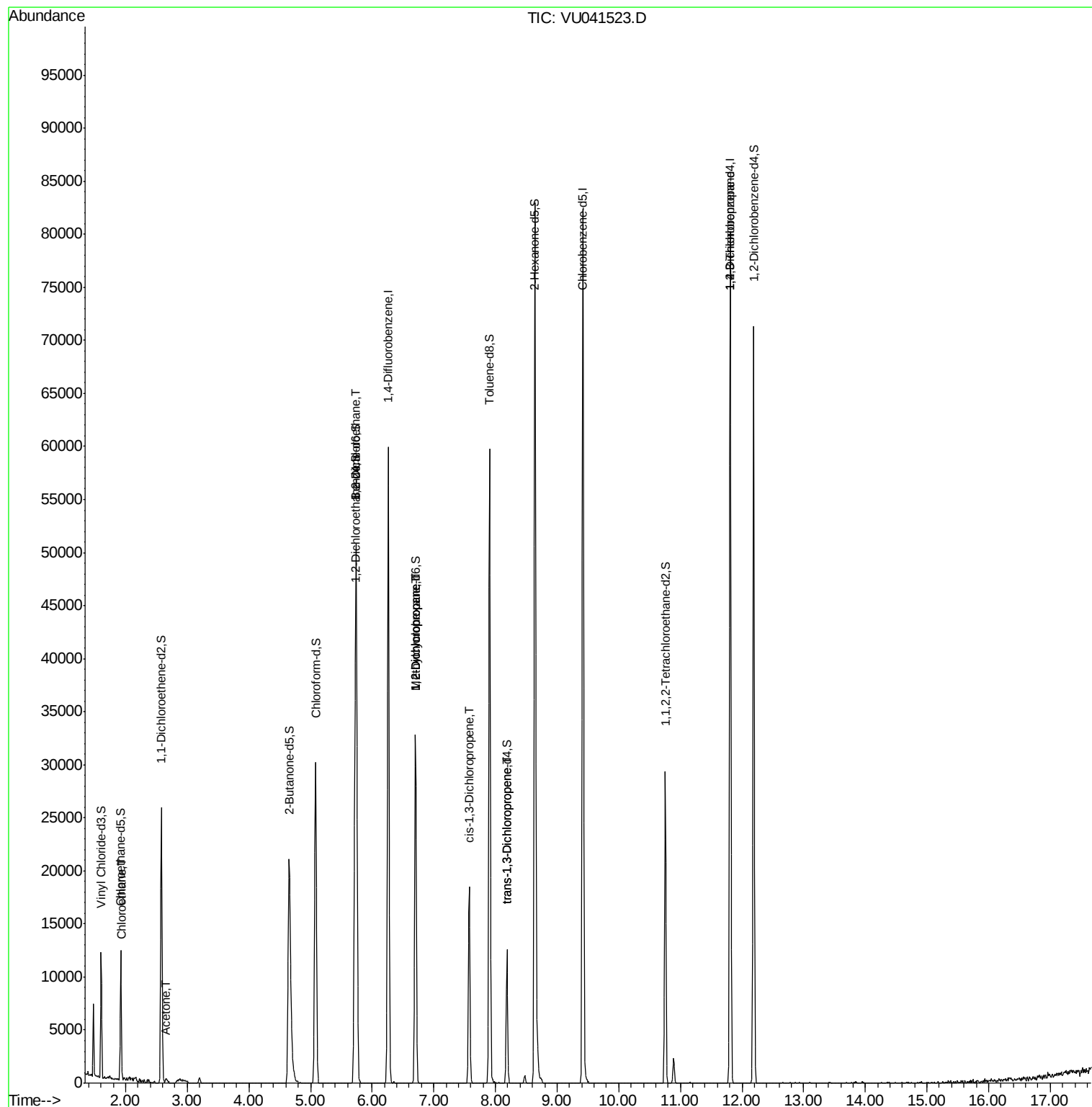
					Ovalue
8) Chloroethane	1.94	64	252	0.121	ug/L # 45
13) Acetone	2.65	43	644	0.919	ug/L 72
27) 1,2-Dichloroethane	5.74	62	187	0.037	ug/L # 79
35) Methylcyclohexane	6.70	83	3838	0.792	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	1715	0.622	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	463	0.093	ug/L 83
44) trans-1,3-Dichloropropene	8.19	75	309	0.062	ug/L # 76
59) 1,2,3-Trichloropropane	11.81	75	2099	0.785	ug/L 91

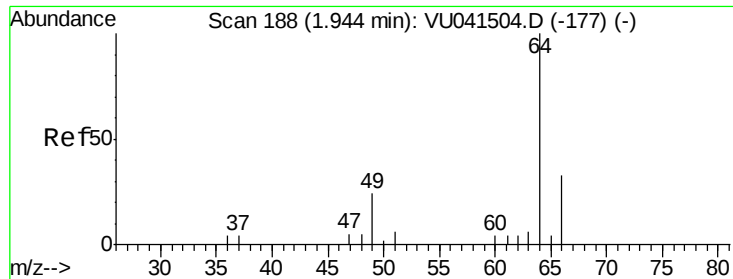
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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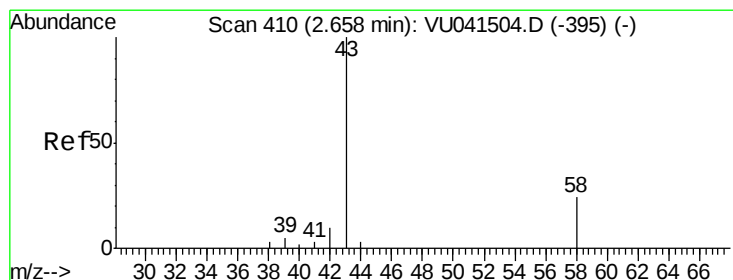
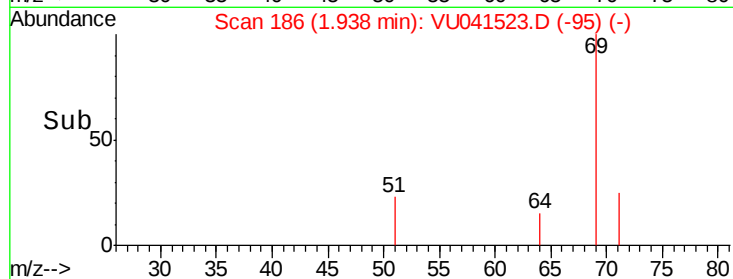
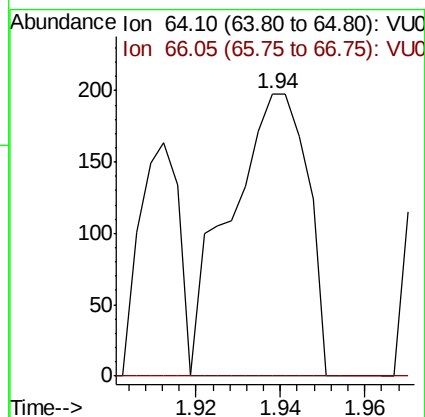
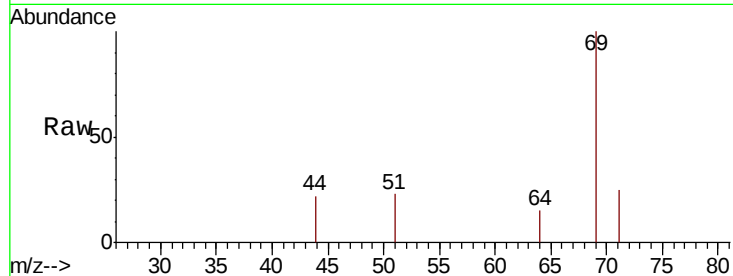




#8
Chloroethane
Concen: 0.121 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU041523.D
Acq: 09 Dec 2020 18:52

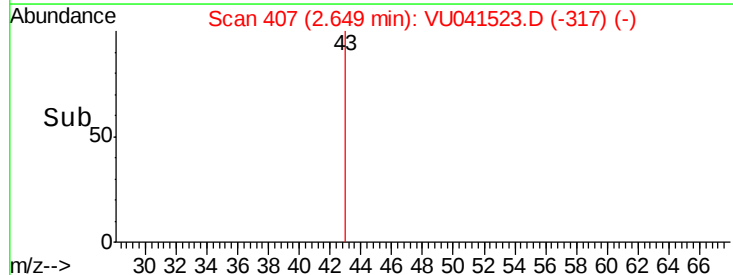
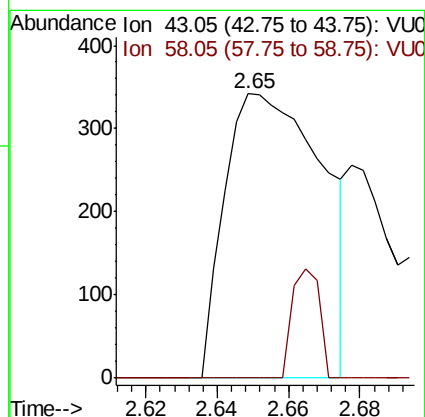
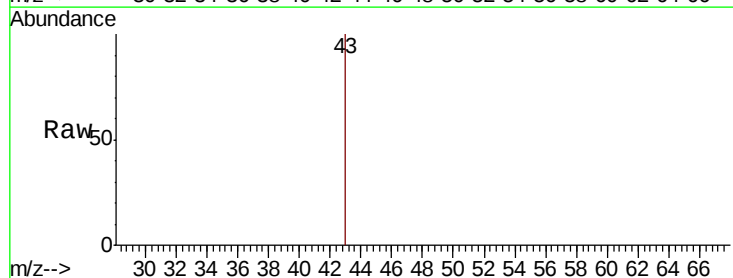
Instrument :
MSVOA_U
ClientSampled :

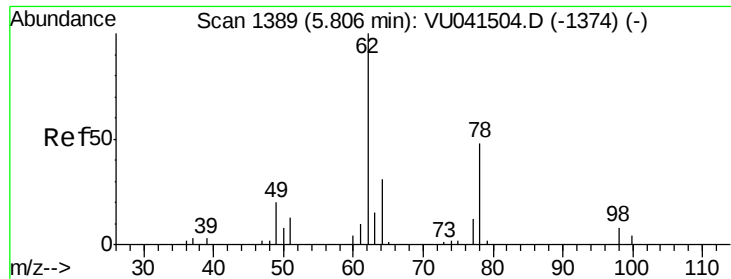
Tot Ion: 64 Resp: 252
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 0.919 ug/L
RT: 2.65 min Scan# 407
Delta R.T. -0.01 min
Lab File: VU041523.D
Acq: 09 Dec 2020 18:52

Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 10.7 0.0 50.0

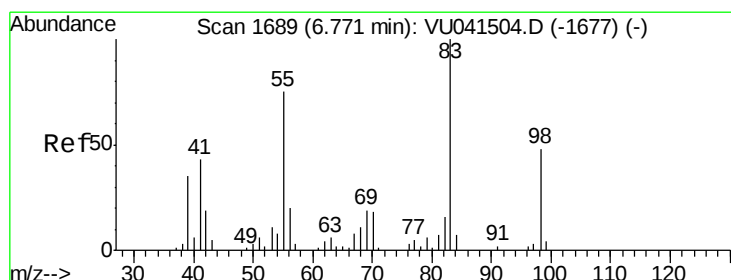
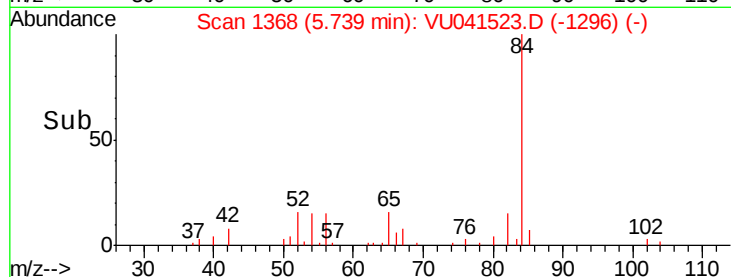
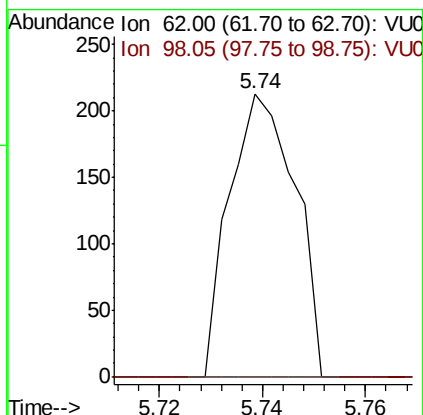
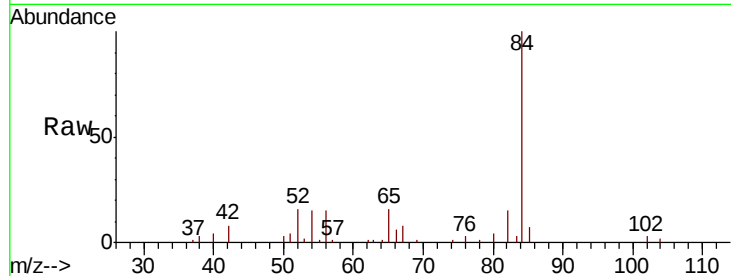




#27
 1,2-Dichloroethane
 Concen: 0.037 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041523.D
 Acq: 09 Dec 2020 18:52

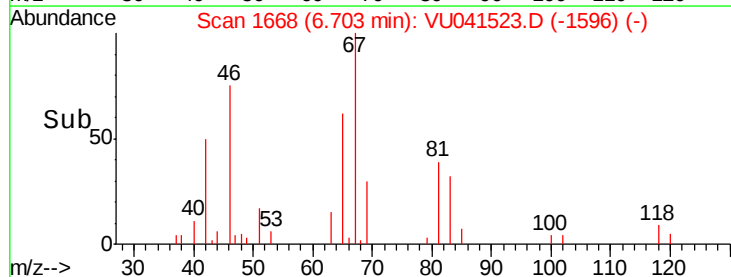
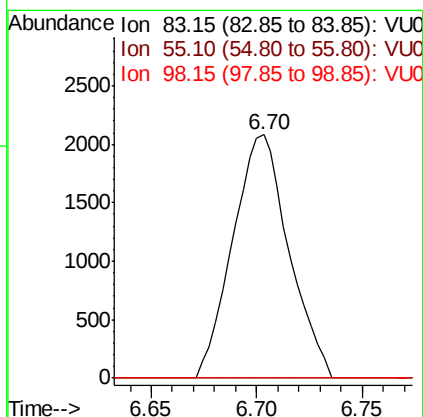
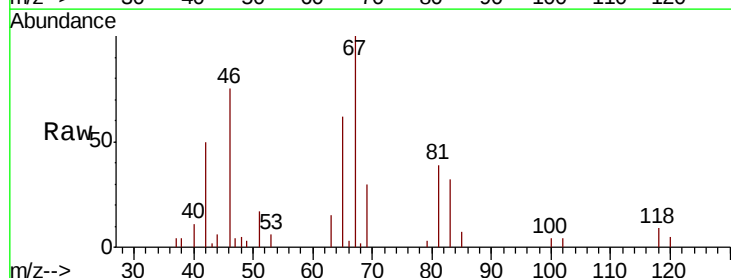
Instrument :
 MSVOA_U
 ClientSampleId :

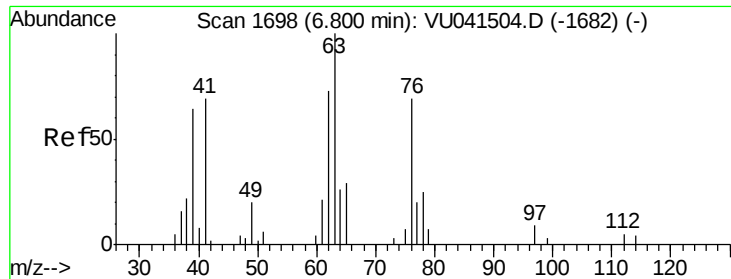
Tot Ion: 62 Resp: 187
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.792 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041523.D
 Acq: 09 Dec 2020 18:52

Tgt Ion: 83 Resp: 3838
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 38.7 58.1#

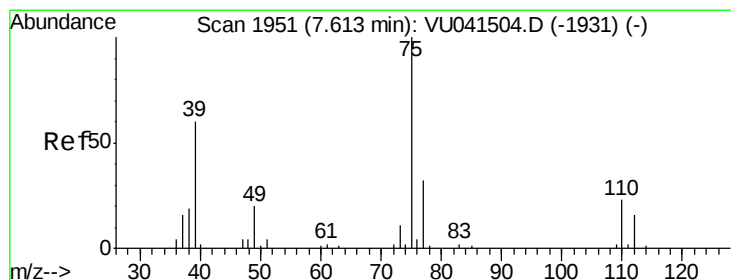
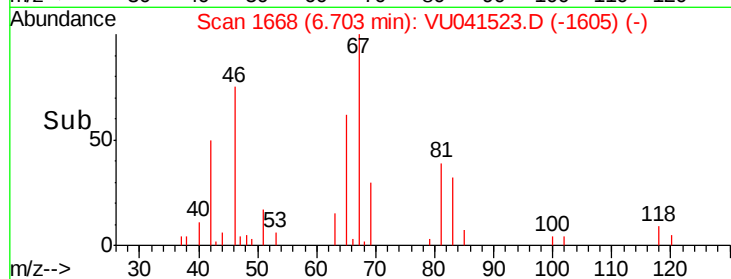
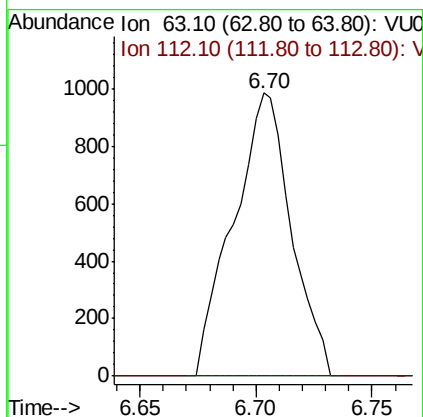
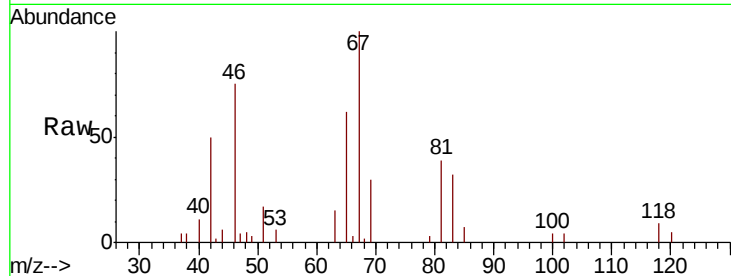




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041523.D
 Acq: 09 Dec 2020 18:52

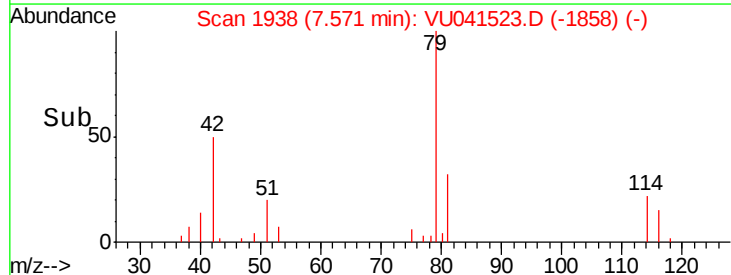
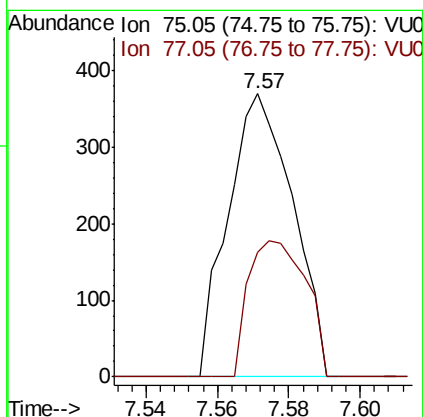
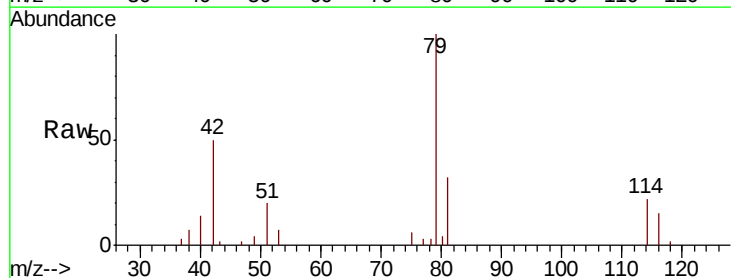
Instrument :
 MSVOA_U
 ClientSampleId :

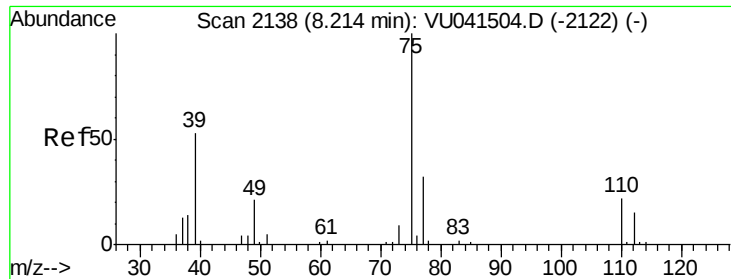
Tot Ion: 63 Resp: 1715
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041523.D
 Acq: 09 Dec 2020 18:52

Tgt Ion: 75 Resp: 463
 Ion Ratio Lower Upper
 75 100
 77 43.9 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041523.D

Acq: 09 Dec 2020 18:52

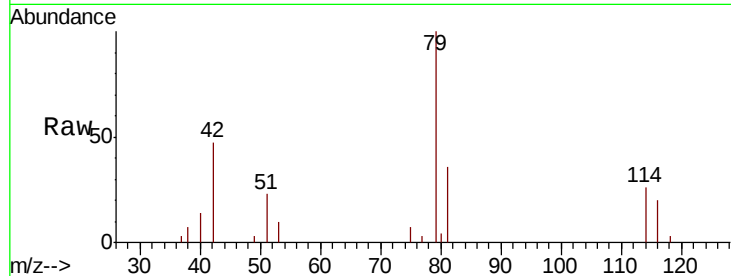
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 309

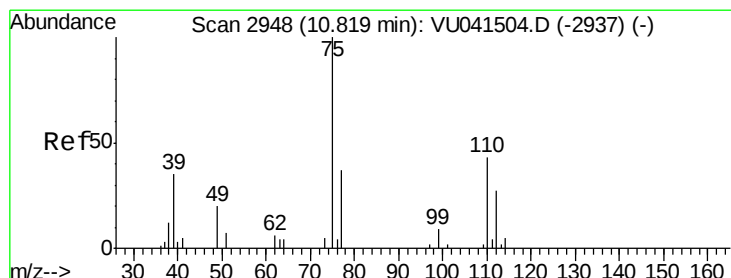
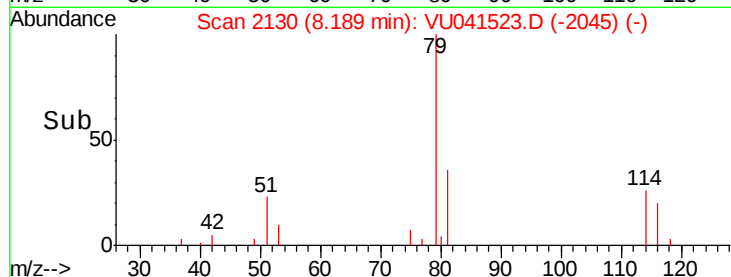
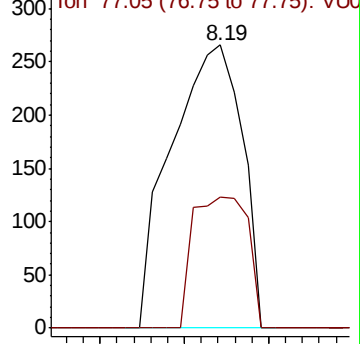
Ion Ratio Lower Upper

75 100

77 46.2 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041504.D (-2122) (-)



#59

1,2,3-Trichloropropane

Concen: 0.785 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041523.D

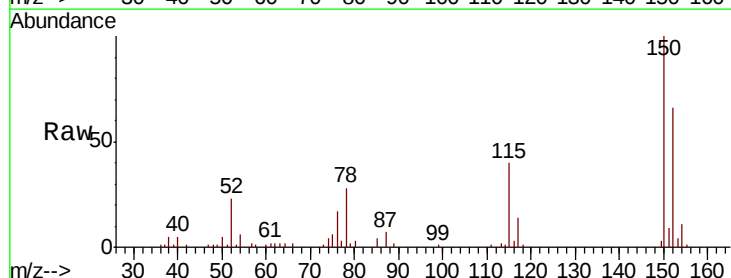
Acq: 09 Dec 2020 18:52

Tgt Ion: 75 Resp: 2099

Ion Ratio Lower Upper

75 100

77 38.3 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU041504.D (-2937) (-)

