

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041549.D
 Acq On : 10 Dec 2020 20:32
 Operator : SY/MD
 Sample : L5023-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW5

Quant Time: Dec 11 06:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	35594	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	44208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6669	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	7866	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	13373	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.66	46	35304	51.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.00%
24) Chloroform-d	5.08	84	28614	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	5.72	65	18781	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.74	84	35108	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.20%
36) 1,2-Dichloropropane-d6	6.70	67	9253	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.20%
41) Toluene-d8	7.91	98	33156	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	8.19	79	6391	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	27760	39.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	13560	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	21664	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

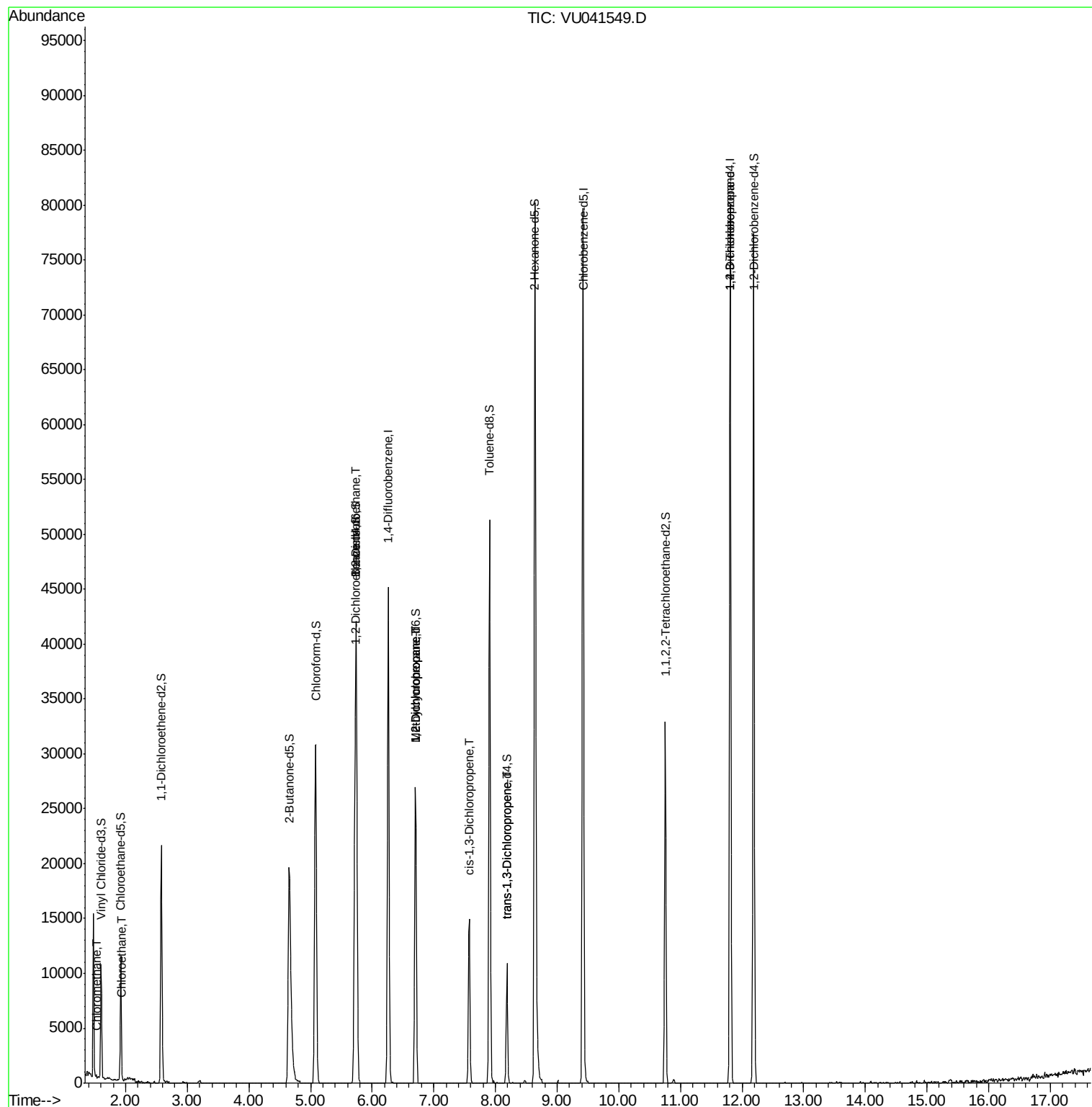
					Ovalue
3) Chloromethane	1.52	50	114	0.056	ug/L # 41
8) Chloroethane	1.94	64	225	0.142	ug/L # 45
27) 1,2-Dichloroethane	5.74	62	259	0.067	ug/L # 79
35) Methylcyclohexane	6.70	83	3213	0.713	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	1700	0.663	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	499	0.108	ug/L 99
44) trans-1,3-Dichloropropene	8.19	75	235	0.051	ug/L # 42
59) 1,2,3-Trichloropropane	11.81	75	1815	0.729	ug/L # 69

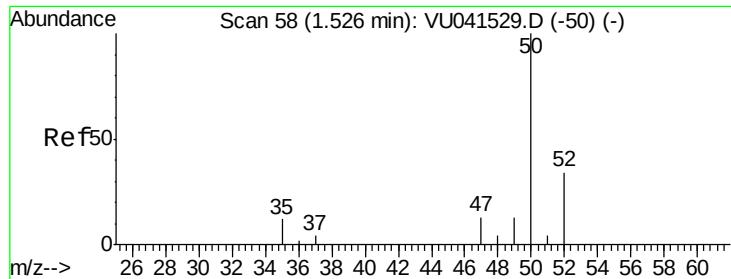
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 06:06:19 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.056 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041549.D

Acq: 10 Dec 2020 20:32

Instrument :

MSVOA_U

ClientSampleId :

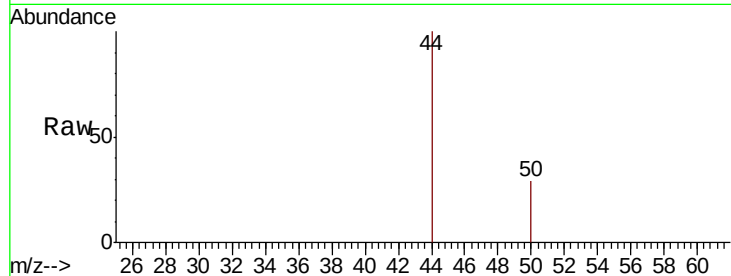
C0AW5

Tot Ion: 50 Resp: 114

Ion Ratio Lower Upper

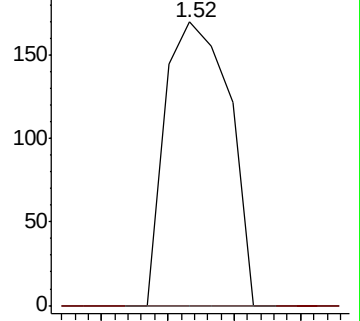
50 100

52 0.0 23.3 43.3#

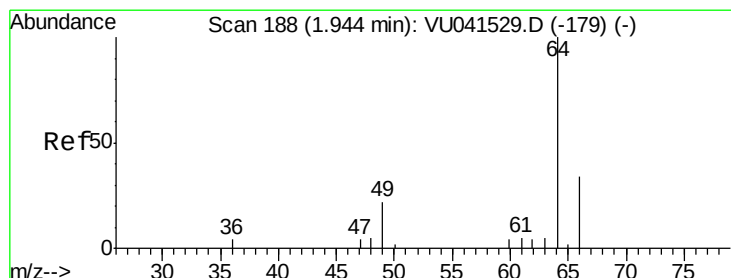
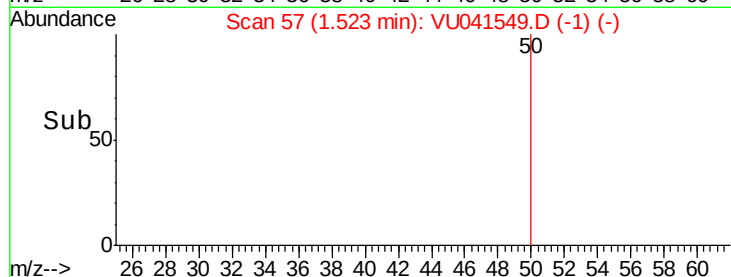


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#8

Chloroethane

Concen: 0.142 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041549.D

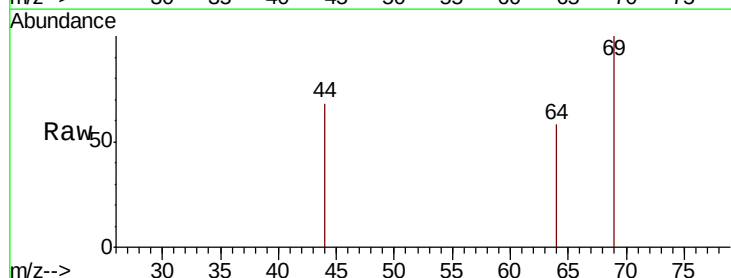
Acq: 10 Dec 2020 20:32

Tgt Ion: 64 Resp: 225

Ion Ratio Lower Upper

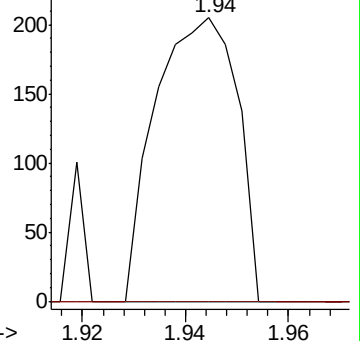
64 100

66 0.0 20.9 38.9#

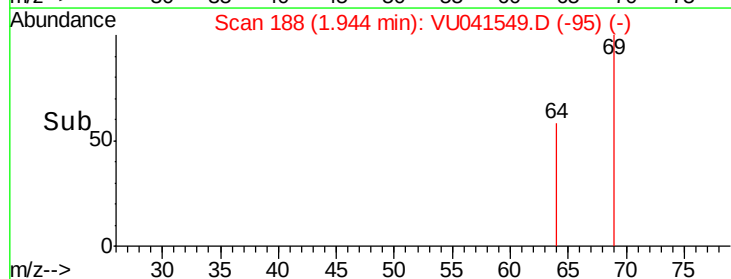


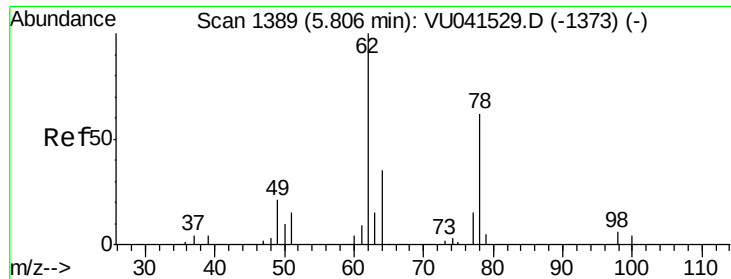
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->

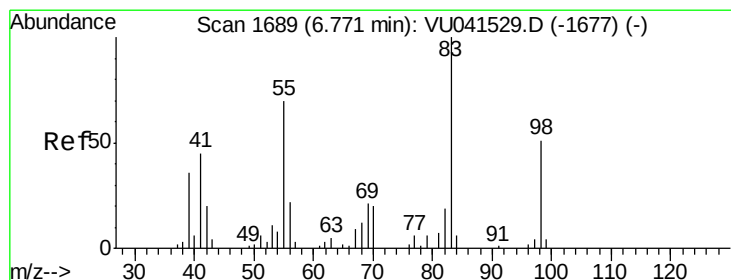
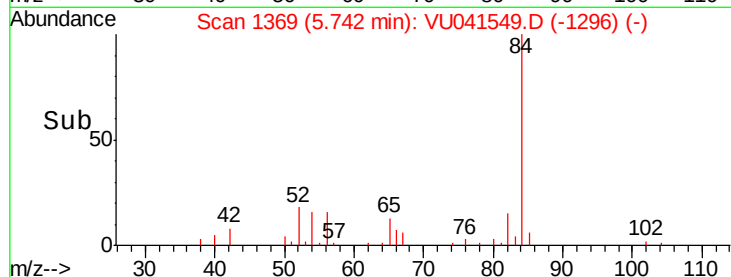
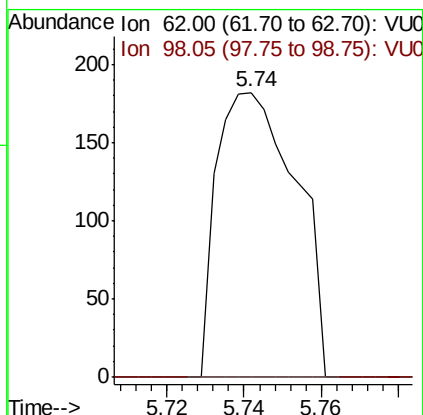
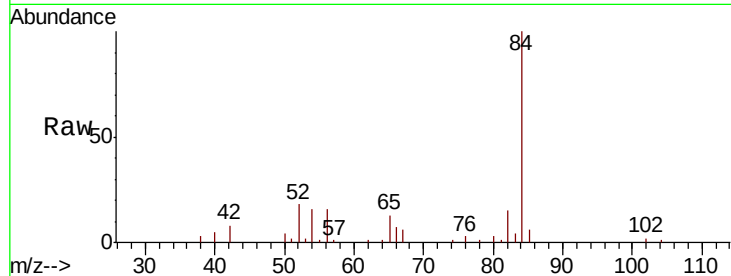




#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041549.D
 Acq: 10 Dec 2020 20:32

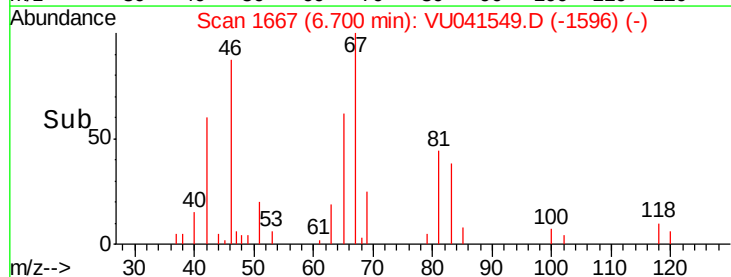
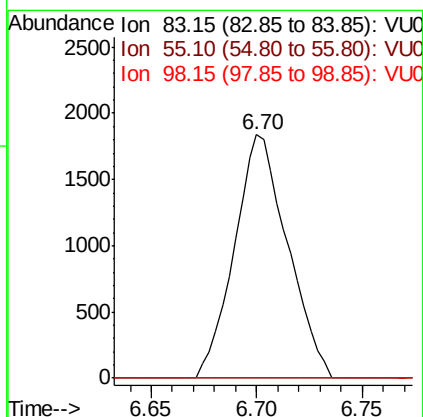
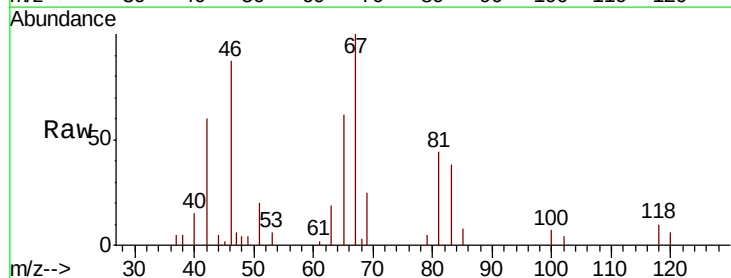
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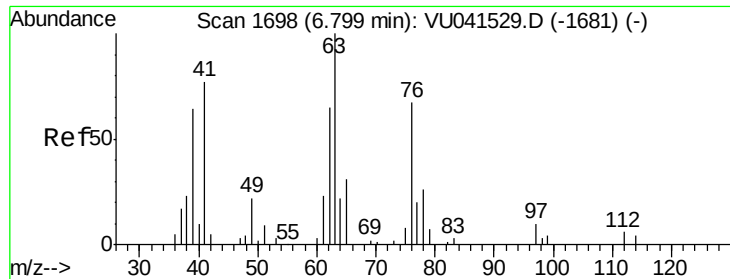
Tot Ion: 62 Resp: 259
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.713 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041549.D
 Acq: 10 Dec 2020 20:32

Tgt Ion: 83 Resp: 3213
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 38.7 58.1#

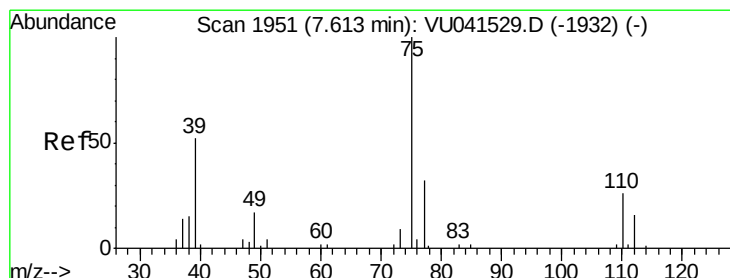
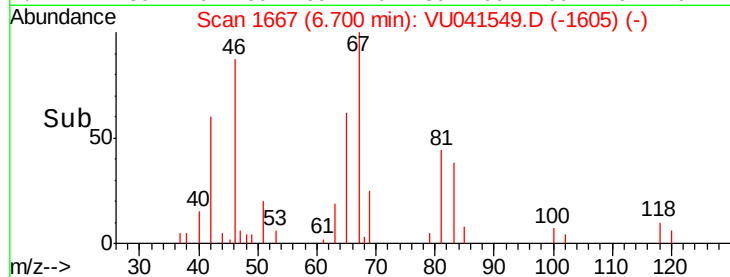
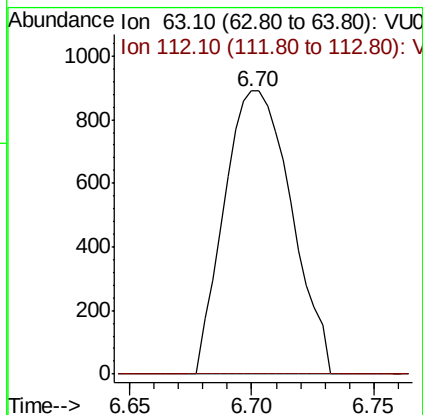
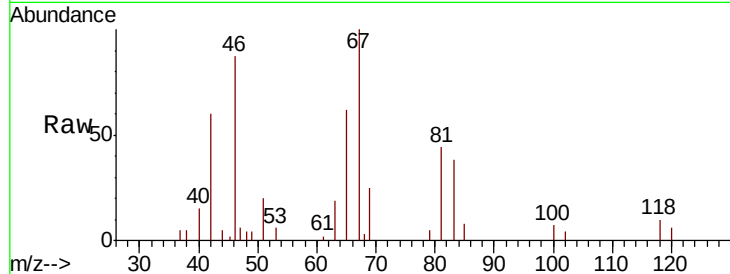




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041549.D
 Acq: 10 Dec 2020 20:32

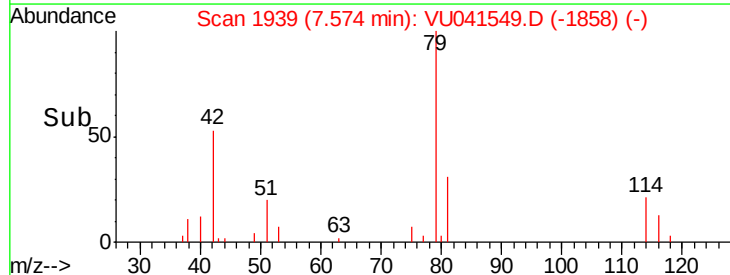
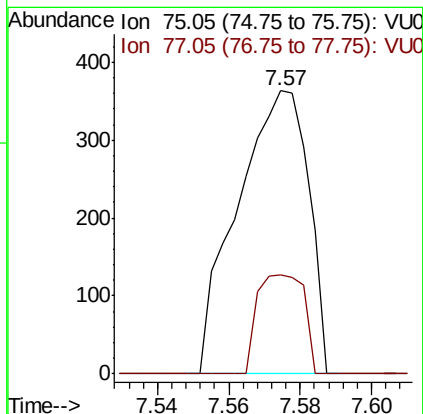
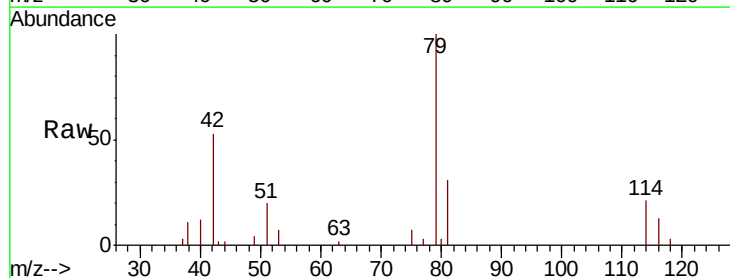
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW5

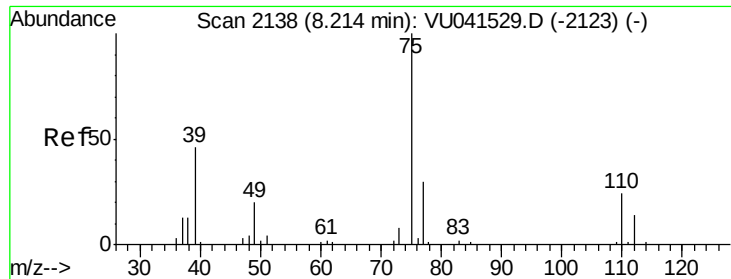
Tot Ion: 63 Resp: 1700
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041549.D
 Acq: 10 Dec 2020 20:32

Tgt Ion: 75 Resp: 499
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041549.D

Acq: 10 Dec 2020 20:32

Instrument :

MSVOA_U

ClientSampleId :

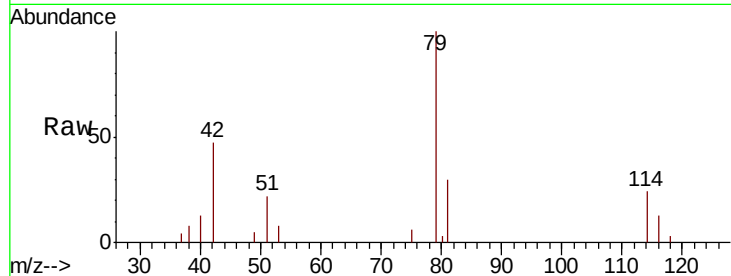
C0AW5

Tot Ion: 75 Resp: 235

Ion Ratio Lower Upper

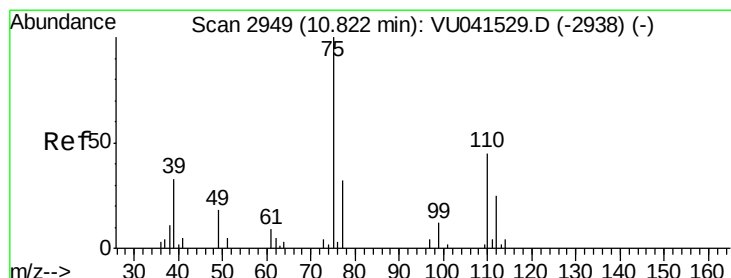
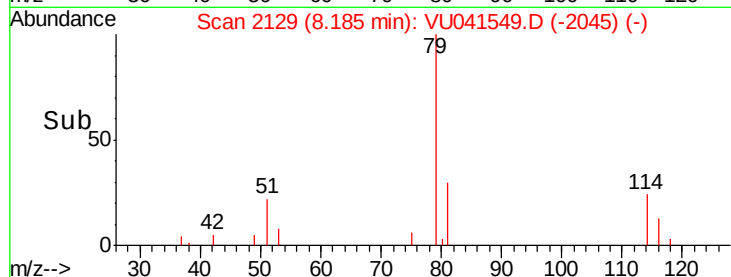
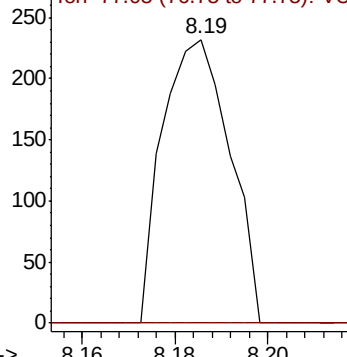
75 100

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: 0.729 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041549.D

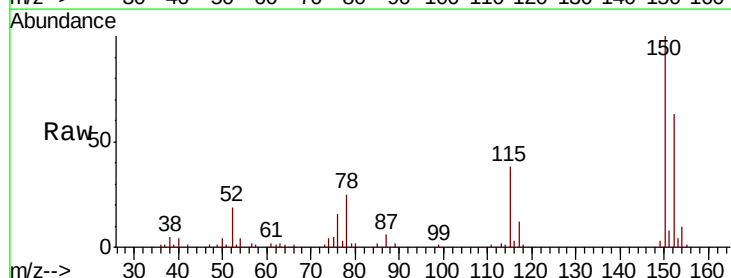
Acq: 10 Dec 2020 20:32

Tgt Ion: 75 Resp: 1815

Ion Ratio Lower Upper

75 100

77 50.5 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

