

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041393.D
 Acq On : 23 Nov 2020 17:27
 Operator : SY/MD
 Sample : L4849-01DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4392DL

Quant Time: Nov 24 02:33:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31206	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22922	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.92	69	17632	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.57	63	38218	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.64	46	64372	49.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.20%
24) Chloroform-d	5.08	84	48678	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	30612	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	90294	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	30052	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.91	98	75026	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	11649	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	39021	45.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22941	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27149	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

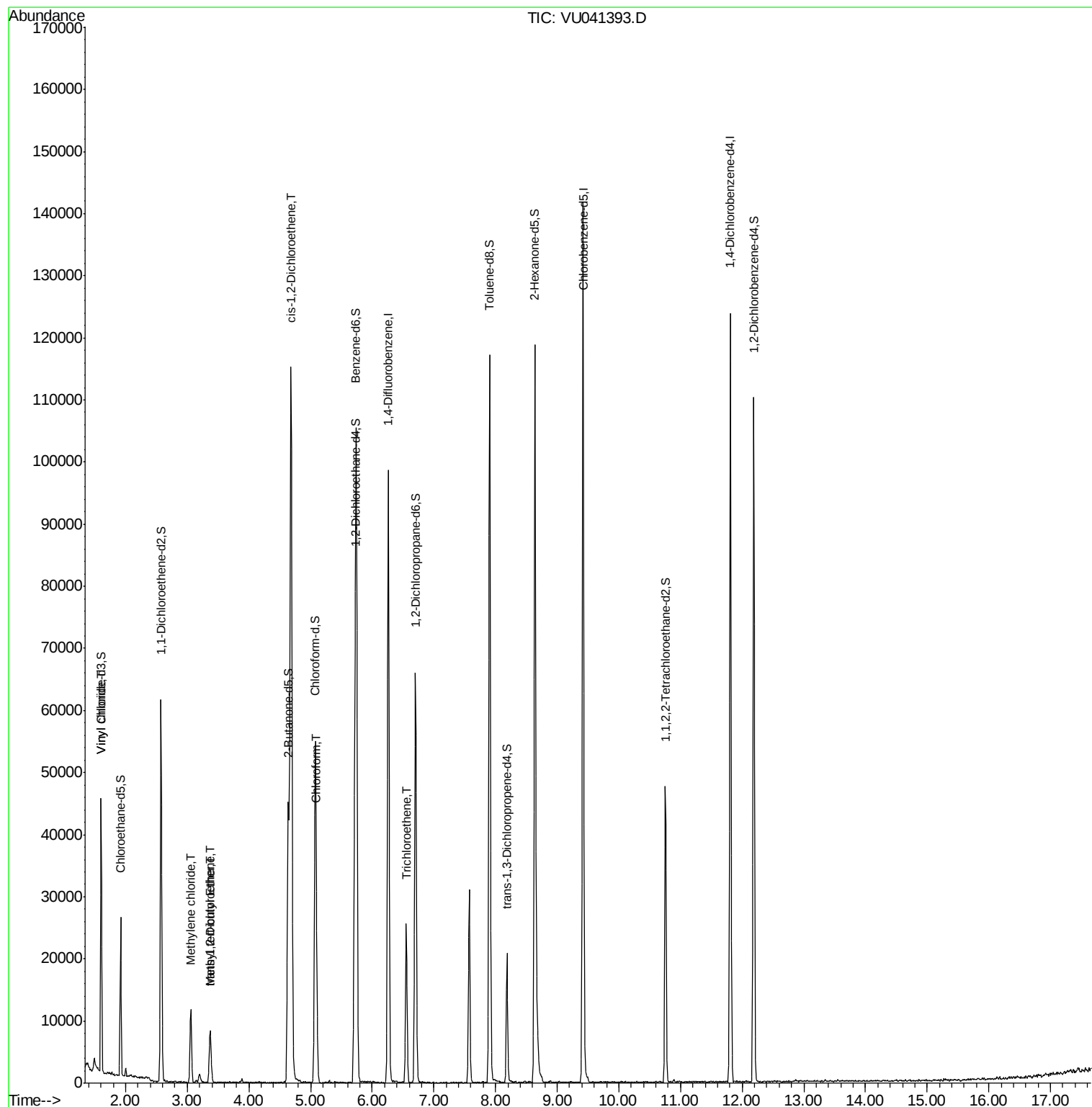
					Ovalue
5) Vinyl chloride	1.61	62	5062	0.799 ug/L	# 74
16) Methylene chloride	3.06	84	5198	0.815 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	4921	0.443 ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	2001	0.413 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	55035	10.692 ug/L	97
25) Chloroform	5.10	83	2844	0.269 ug/L	94
34) Trichloroethene	6.55	95	8689	1.606 ug/L	94

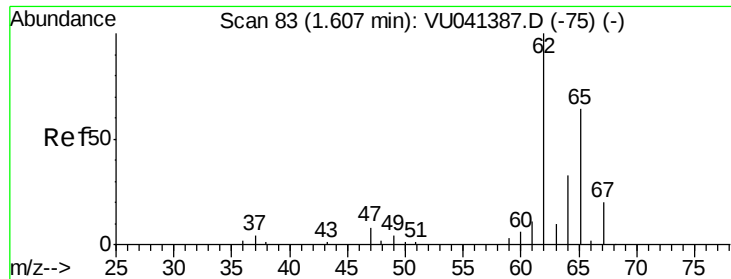
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.799 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

Lab File: VU041393.D

Acq: 23 Nov 2020 17:27

Instrument :

MSVOA_U

ClientSampleID :

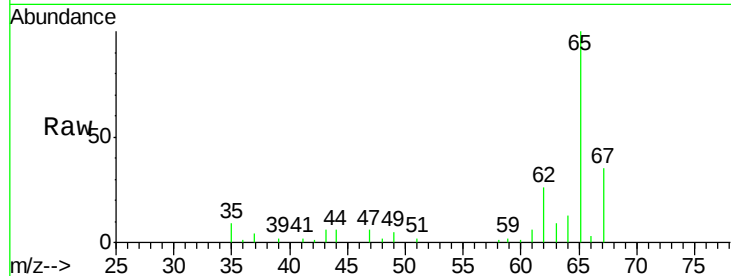
H4392DL

Tot Ion: 62 Resp: 5062

Ion Ratio Lower Upper

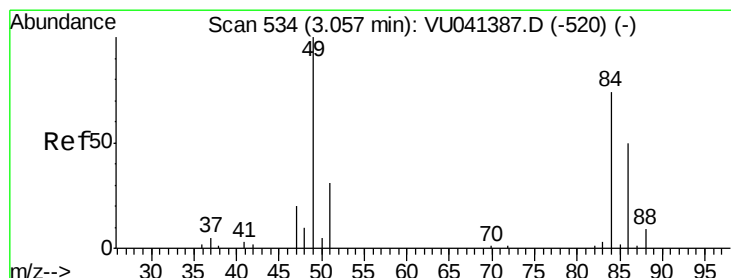
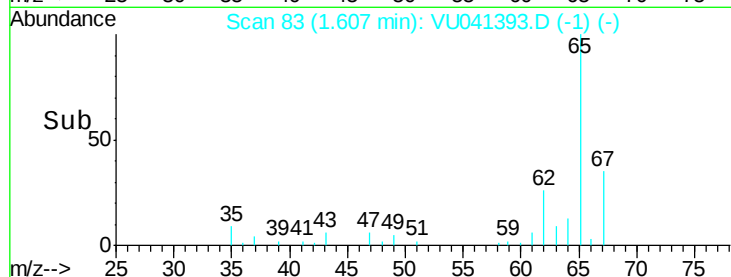
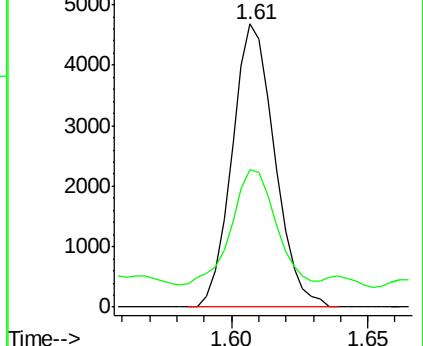
62 100

64 48.7 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.815 ug/L

RT: 3.06 min Scan# 534

Delta R.T. 0.00 min

Lab File: VU041393.D

Acq: 23 Nov 2020 17:27

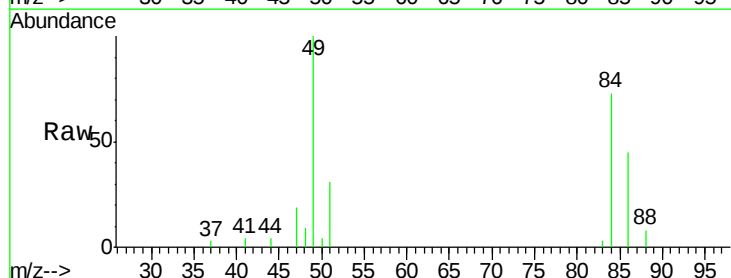
Tgt Ion: 84 Resp: 5198

Ion Ratio Lower Upper

84 100

86 61.6 44.4 82.5

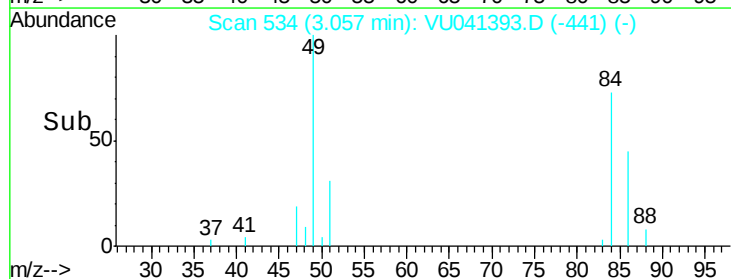
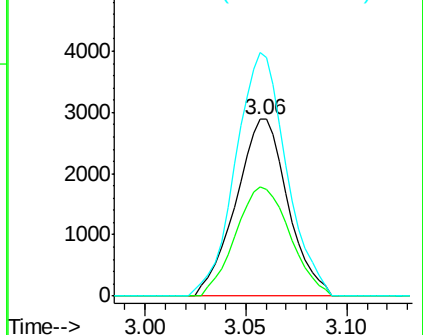
49 137.6 89.9 167.0

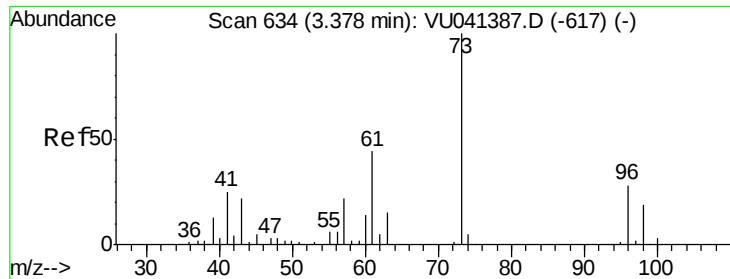


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

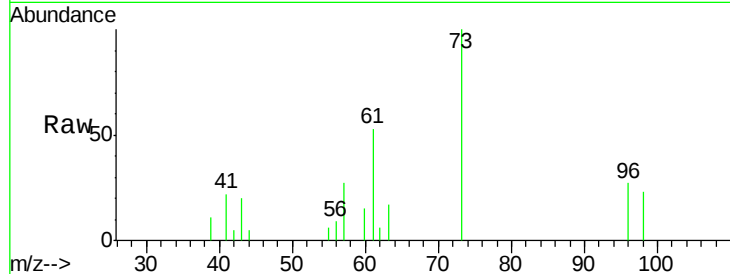




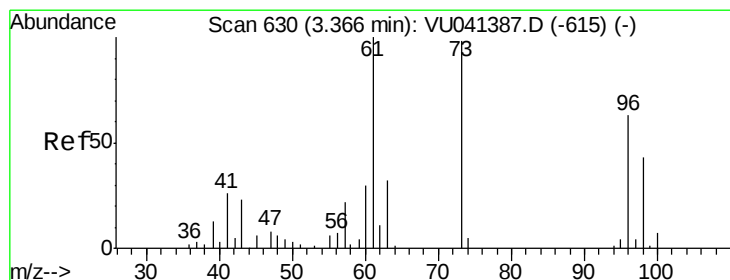
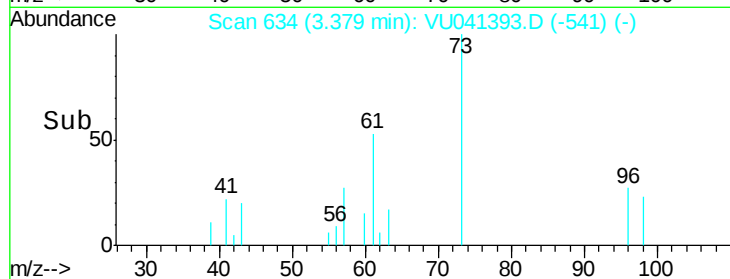
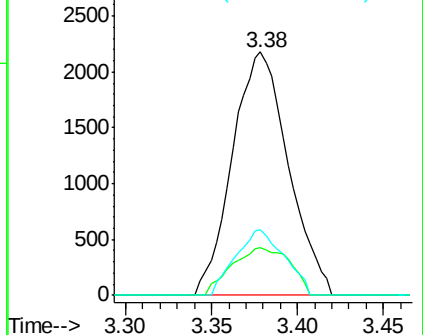
#17
Methvl tert-butvl Ether
Concen: 0.443 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041393.D
Acq: 23 Nov 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
H4392DL

Tot Ion: 73 Resp: 4921
Ion Ratio Lower Upper
73 100
43 20.3 18.3 27.5
57 23.5 17.7 26.5

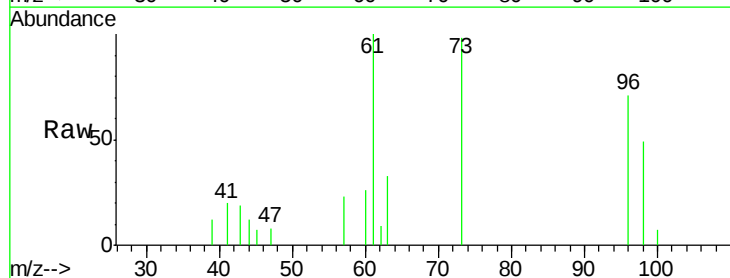


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

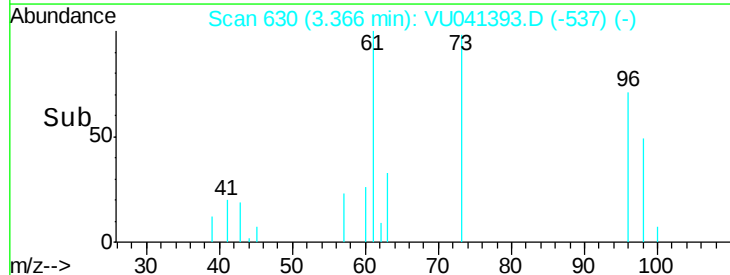
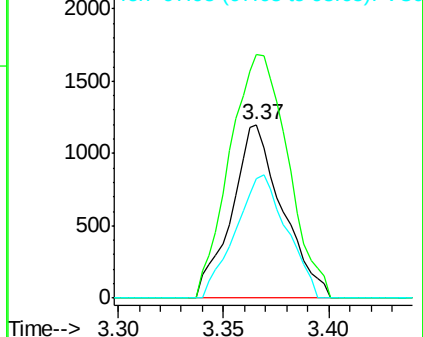


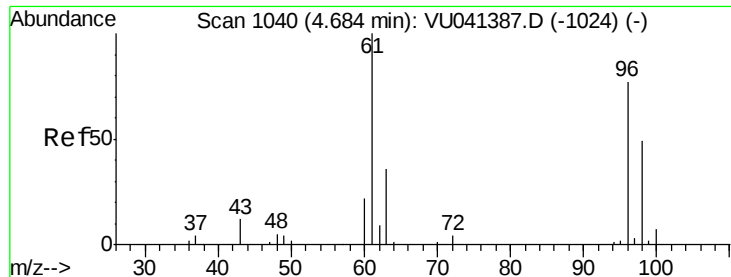
#18
trans-1,2-Dichloroethene
Concen: 0.413 ug/L
RT: 3.37 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU041393.D
Acq: 23 Nov 2020 17:27

Tgt Ion: 96 Resp: 2001
Ion Ratio Lower Upper
96 100
61 140.1 103.7 192.5
98 68.6 47.5 88.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

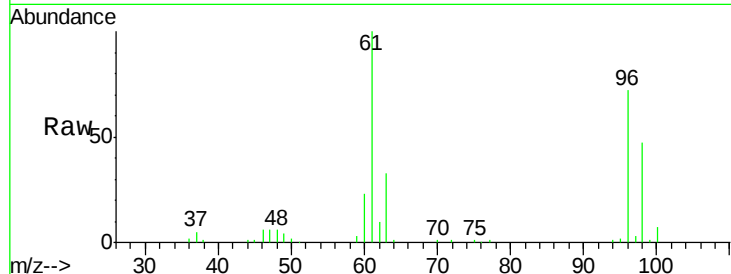




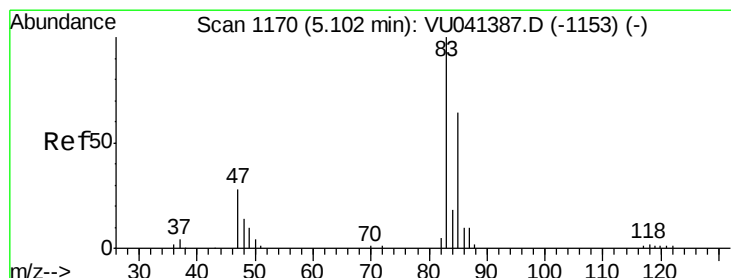
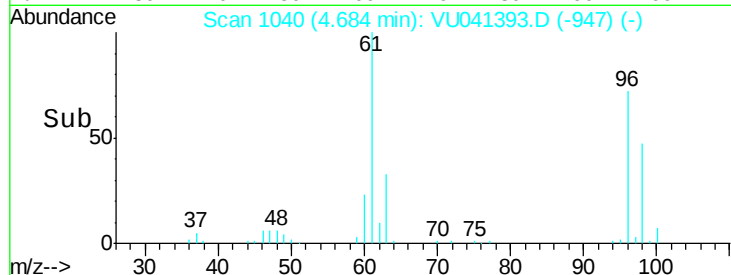
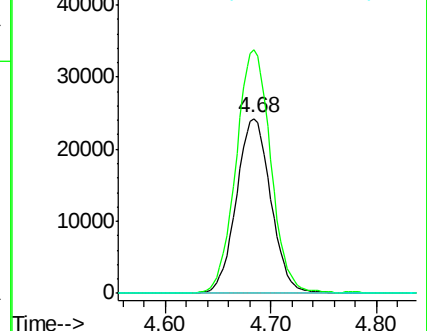
#22
 cis-1,2-Dichloroethene
 Concen: 10.692 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041393.D
 Acq: 23 Nov 2020 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 H4392DL

Tot Ion: 96 Resp: 55035
 Ion Ratio Lower Upper
 96 100
 61 139.1 95.3 176.9
 68 0.0 0.0 0.0

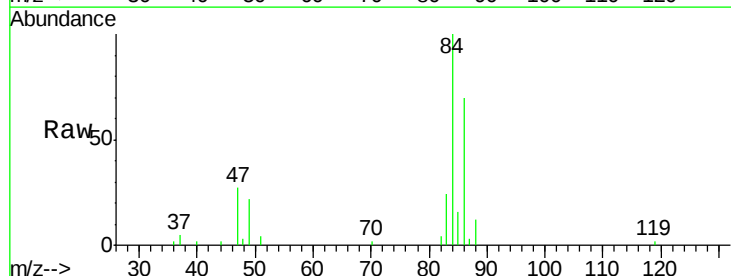


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

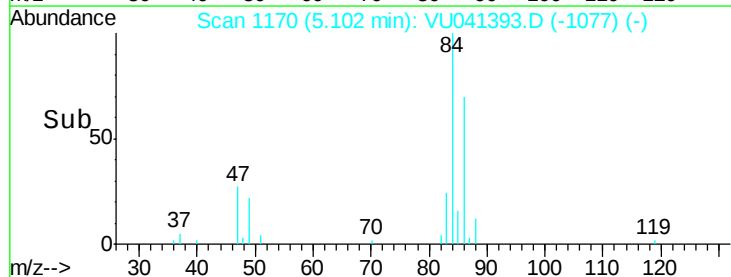
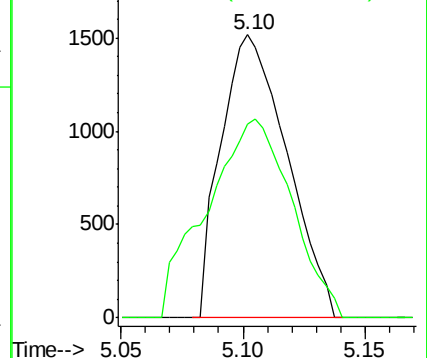


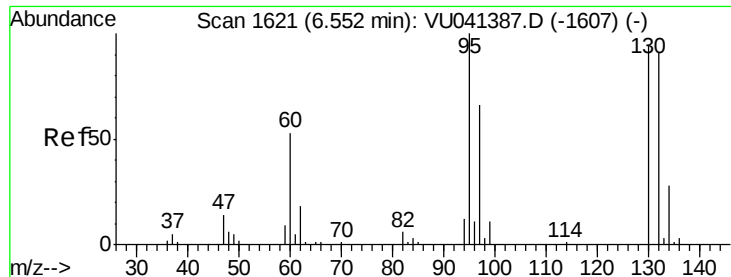
#25
 Chloroform
 Concen: 0.269 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: VU041393.D
 Acq: 23 Nov 2020 17:27

Tgt Ion: 83 Resp: 2844
 Ion Ratio Lower Upper
 83 100
 85 68.2 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.606 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041393.D

Acq: 23 Nov 2020 17:27

Instrument :

MSVOA_U

ClientSampleId :

H4392DL

Tot Ion: 95 Resp: 8689

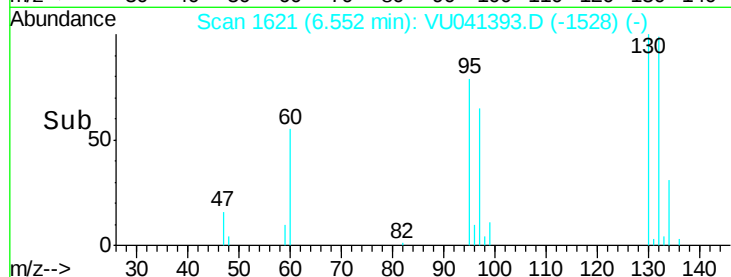
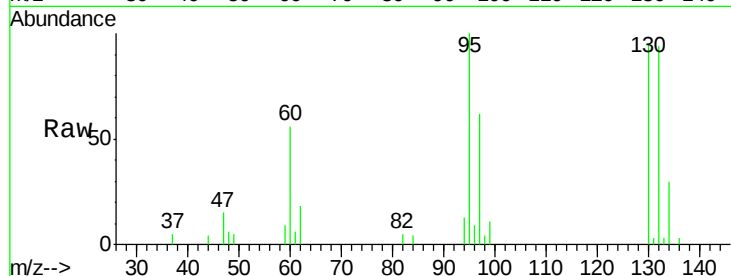
Ion Ratio Lower Upper

95 100

97 61.8 46.5 86.5

132 93.8 60.8 113.0

130 95.2 63.3 117.7



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

