

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112020\
 Data File : VU041374.D
 Acq On : 20 Nov 2020 18:04
 Operator : SY/MD
 Sample : L4849-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4412

Quant Time: Nov 21 05:43:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15890	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.92	69	15729	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	27931	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.64	46	76197	43.31	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.62%
24) Chloroform-d	5.08	84	44361	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	28938	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	81356	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.70	67	28884	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.91	98	65684	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.19	79	10426	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	53292	43.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24807	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27253	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

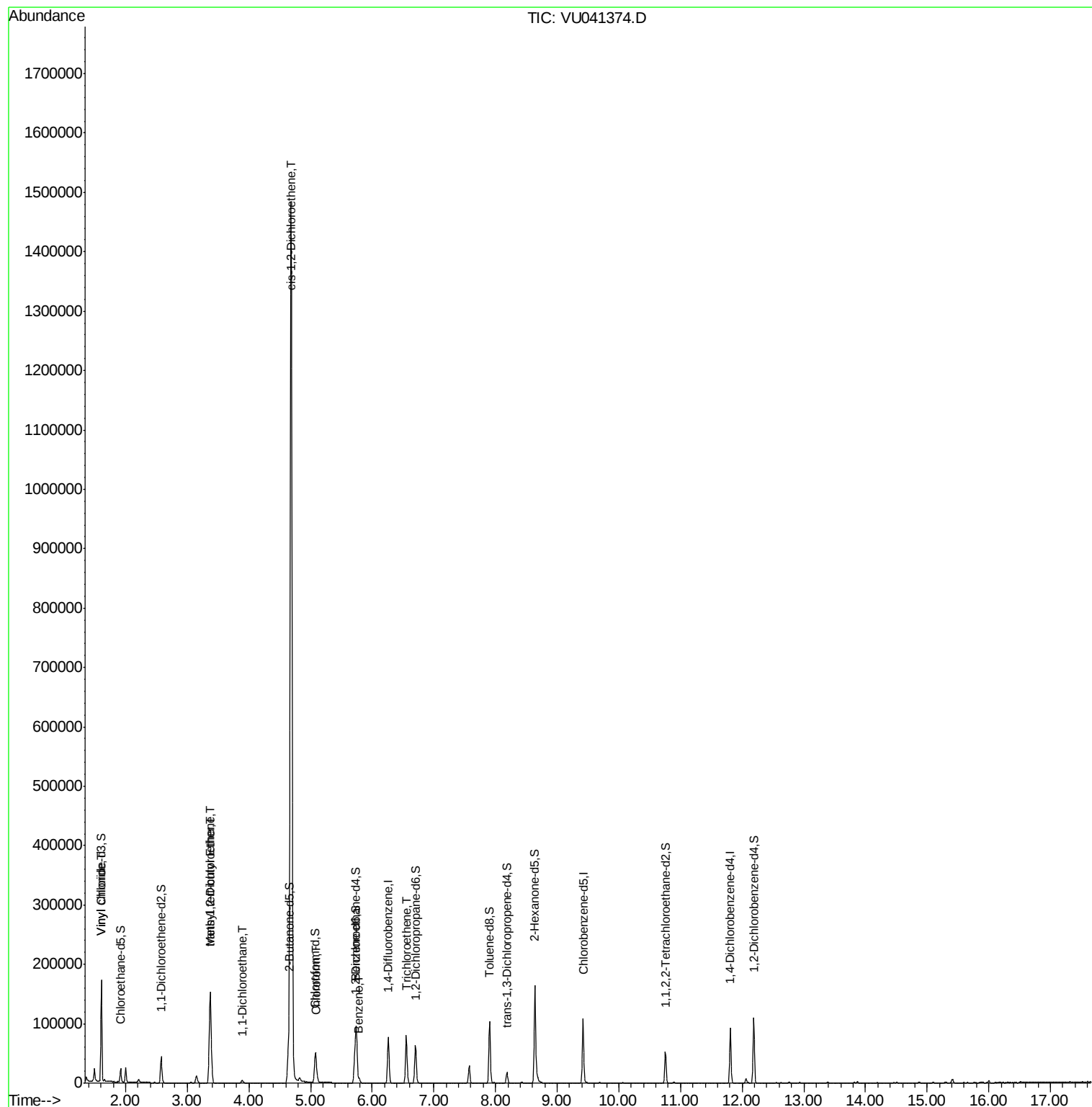
					Ovalue
5) Vinyl chloride	1.61	62	67002	13.304	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	77820	7.527	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	34394	9.352	ug/L 98
19) 1,1-Dichloroethane	3.88	63	5578	0.678	ug/L 91
22) cis-1,2-Dichloroethene	4.68	96	710682	171.095	ug/L 97
25) Chloroform	5.10	83	4438	0.498	ug/L 98
33) Benzene	5.79	78	7196	0.467	ug/L 100
34) Trichloroethene	6.55	95	26933	6.468	ug/L 99

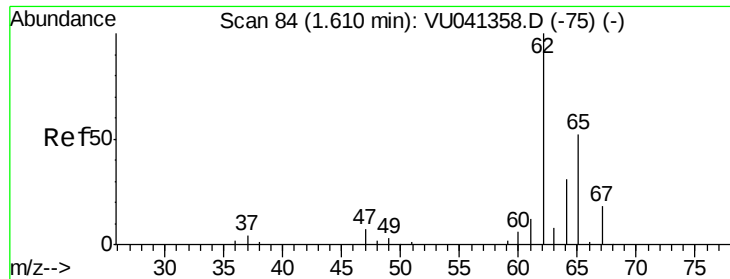
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 02:42:19 2020
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#5

Vinyl chloride

Concen: 13.304 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041374.D

Acq: 20 Nov 2020 18:04

Instrument :

MSVOA_U

ClientSampleId :

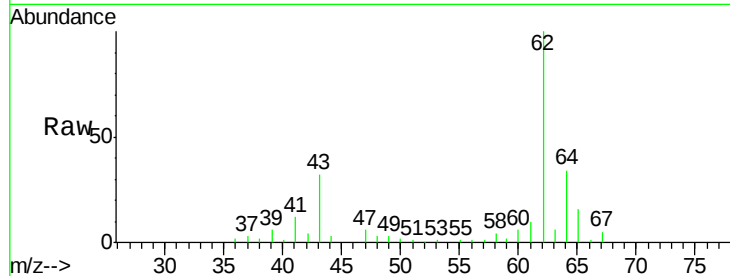
H4412

Tot Ion: 62 Resp: 67002

Ion Ratio Lower Upper

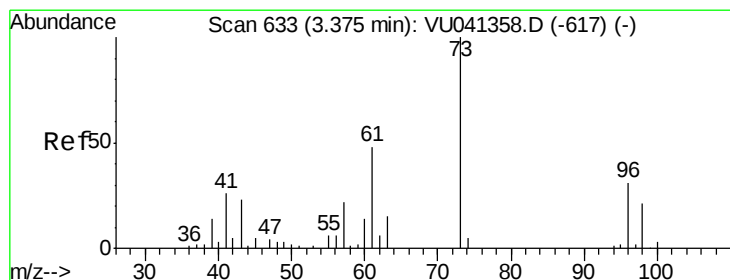
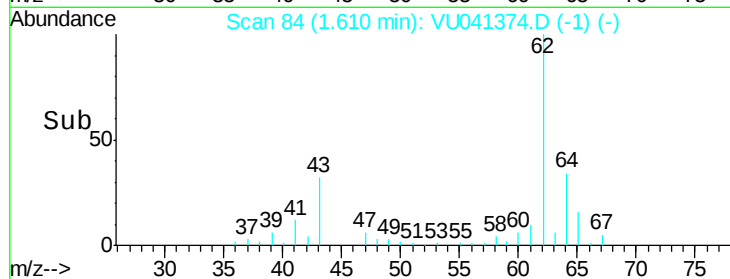
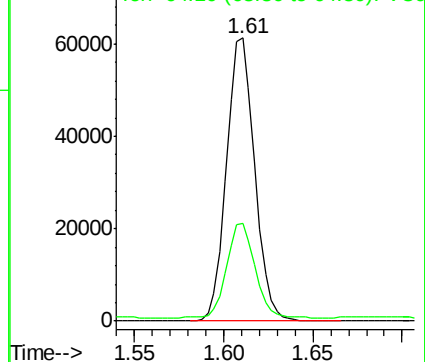
62 100

64 34.4 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 7.527 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041374.D

Acq: 20 Nov 2020 18:04

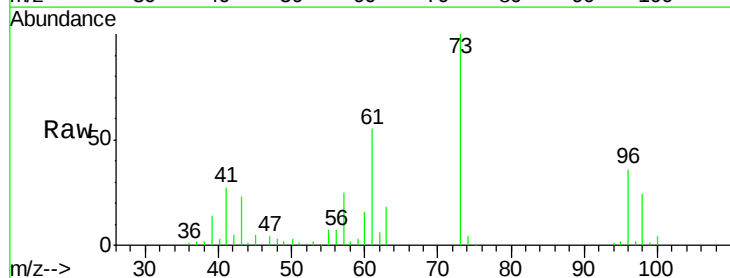
Tgt Ion: 73 Resp: 77820

Ion Ratio Lower Upper

73 100

43 23.2 18.5 27.7

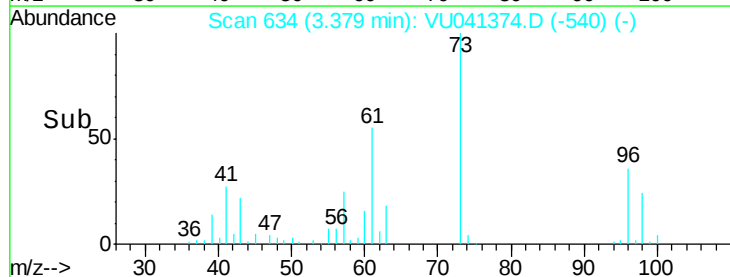
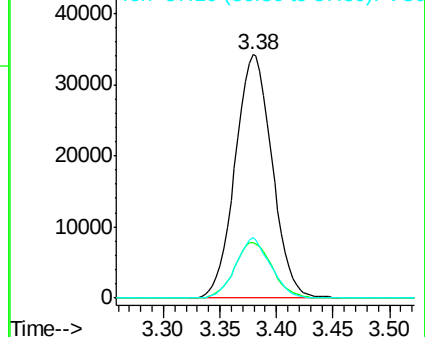
57 23.3 18.4 27.6

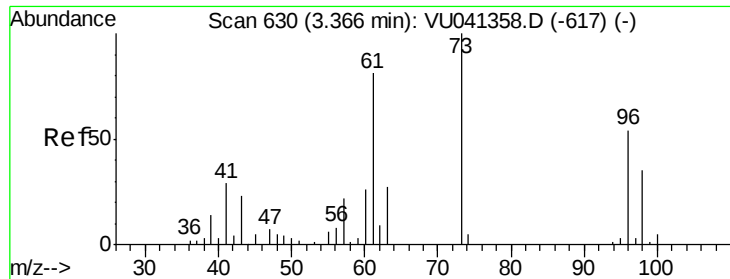


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

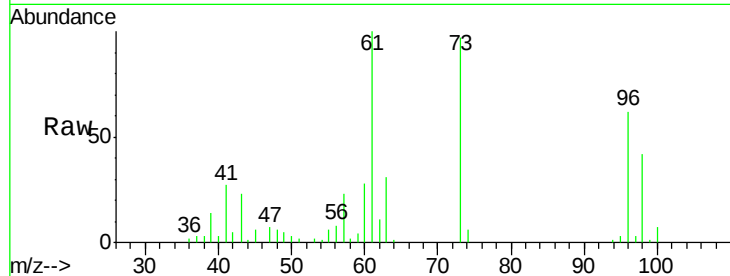




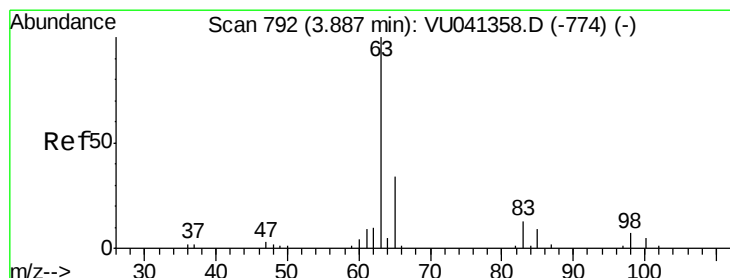
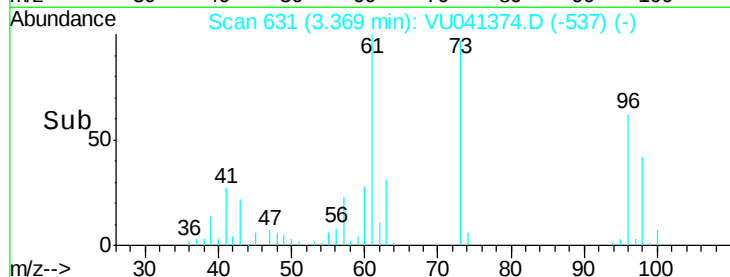
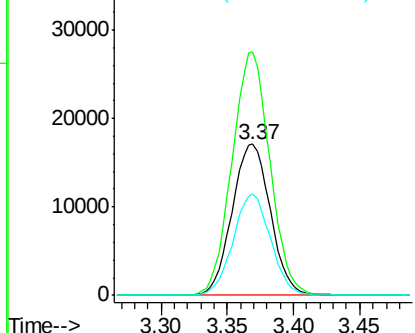
#18
 trans-1,2-Dichloroethene
 Concen: 9.352 ug/L
 RT: 3.37 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VU041374.D
 Acq: 20 Nov 2020 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 H4412

Tot Ion: 96 Resp: 34394
 Ion Ratio Lower Upper
 96 100
 61 160.9 110.9 205.9
 98 66.9 45.4 84.2

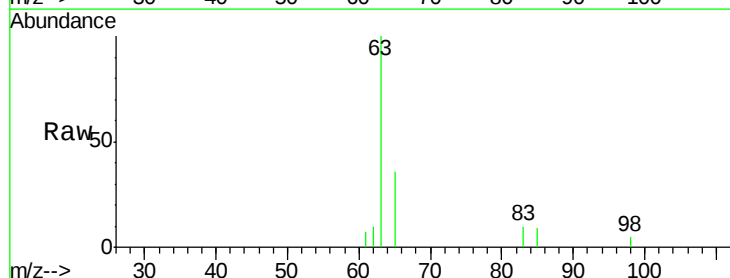


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

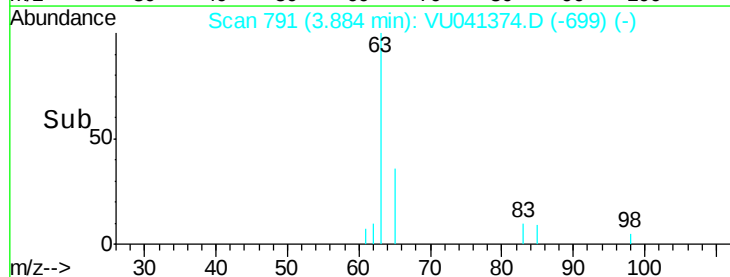
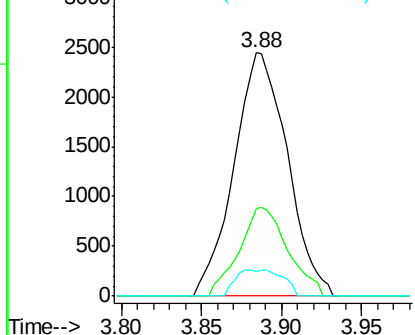


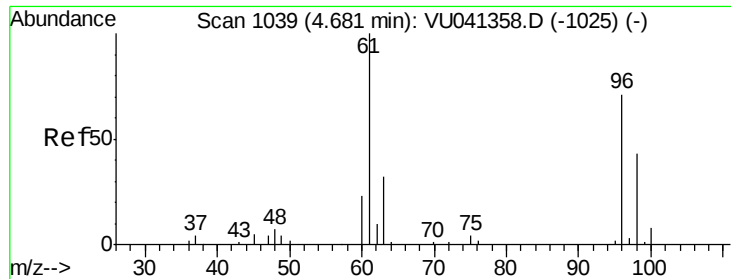
#19
 1,1-Dichloroethane
 Concen: 0.678 ug/L
 RT: 3.88 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: VU041374.D
 Acq: 20 Nov 2020 18:04

Tgt Ion: 63 Resp: 5578
 Ion Ratio Lower Upper
 63 100
 65 35.7 21.3 39.6
 83 10.1 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

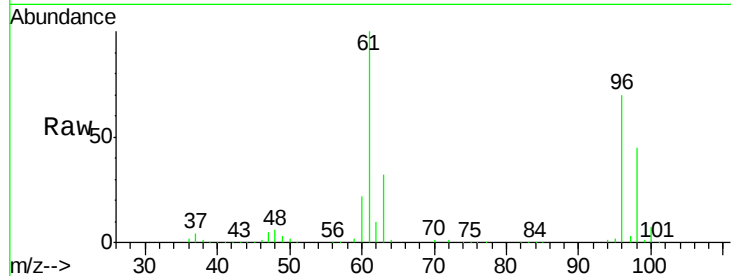




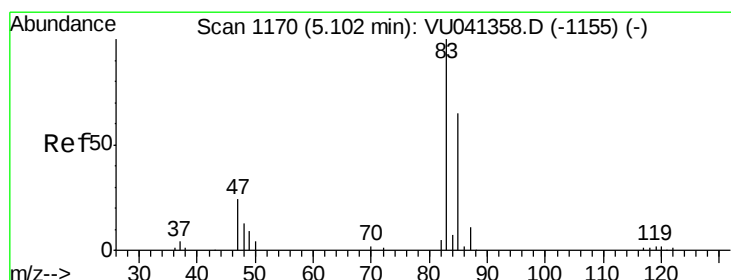
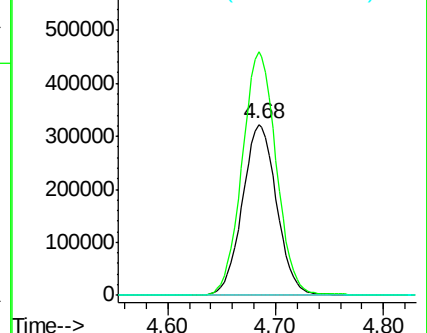
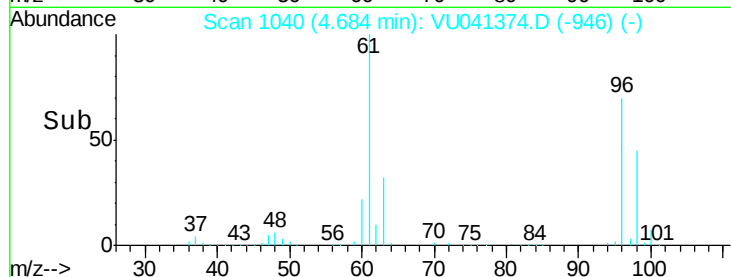
#22
 cis-1,2-Dichloroethene
 Concen: 171.095 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041374.D
 Acq: 20 Nov 2020 18:04

Instrument :
 MSVOA_U
 ClientSampled :
 H4412

Tot Ion: 96 Resp: 710682
 Ion Ratio Lower Upper
 96 100
 61 142.7 97.2 180.4
 68 0.0 0.0 0.0

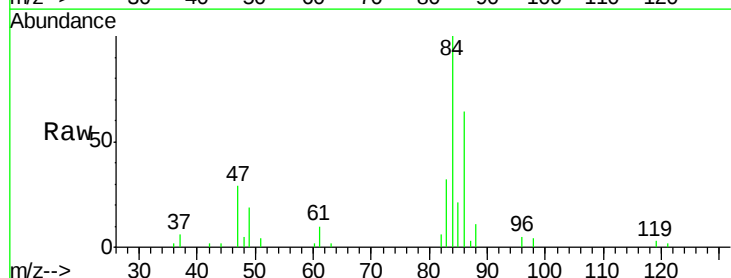


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

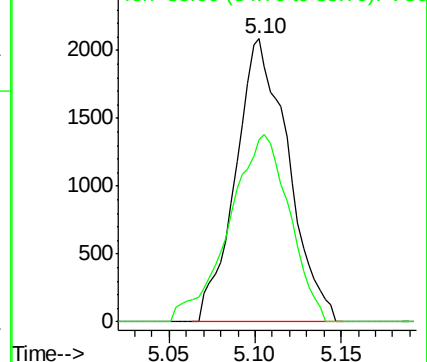
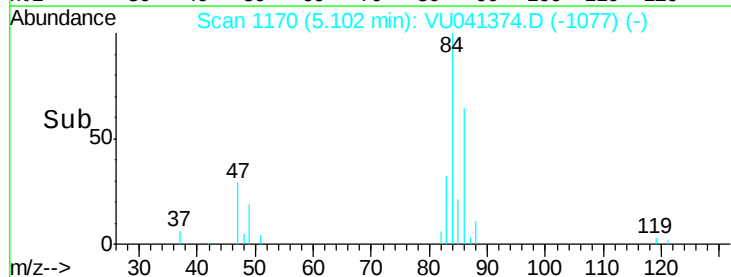


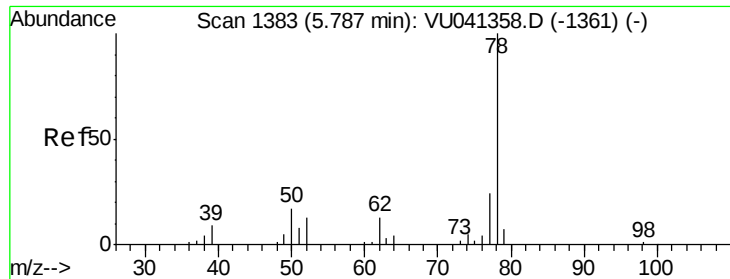
#25
 Chloroform
 Concen: 0.498 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: VU041374.D
 Acq: 20 Nov 2020 18:04

Tgt Ion: 83 Resp: 4438
 Ion Ratio Lower Upper
 83 100
 85 64.3 46.1 85.7



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

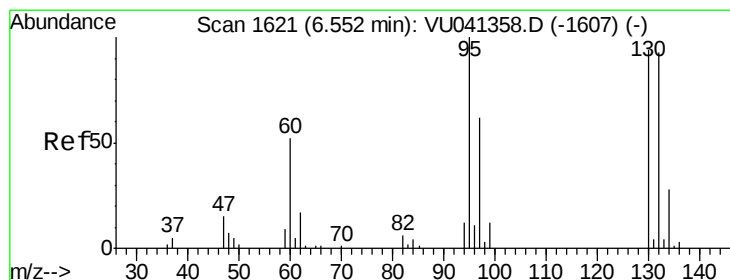
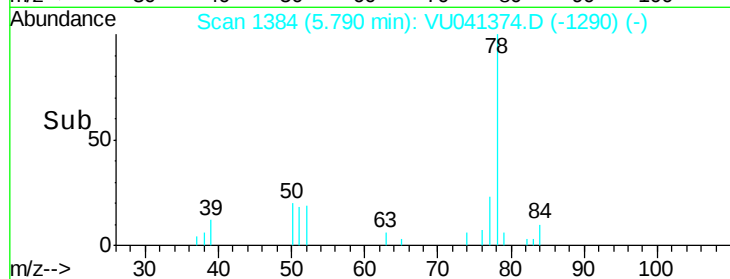
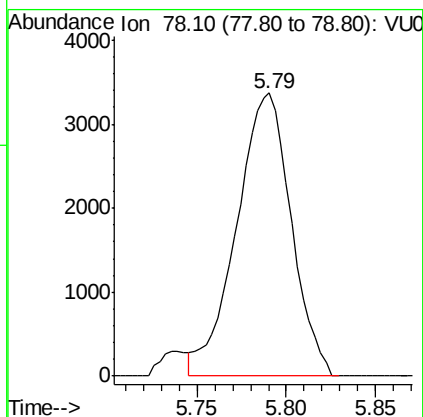
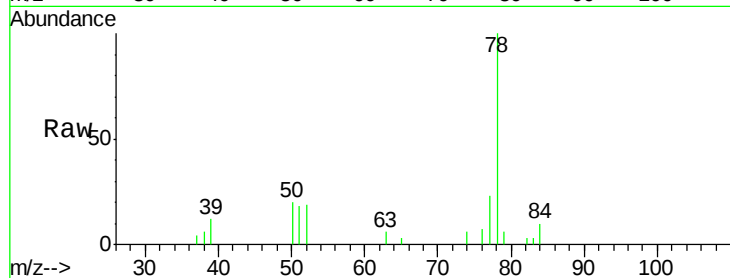




#33
Benzene
Concen: 0.467 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041374.D
Acq: 20 Nov 2020 18:04

Instrument :
MSVOA_U
ClientSampleId :
H4412

Tgt Ion: 78 Resp: 7196



#34
Trichloroethene
Concen: 6.468 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041374.D
Acq: 20 Nov 2020 18:04

Tgt Ion: 95 Resp: 26933

Ion	Ratio	Lower	Upper
95	100		
97	67.4	45.6	84.6
132	91.0	64.8	120.4
130	92.4	64.8	120.4

