

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041411.D
 Acq On : 24 Nov 2020 12:10
 Operator : SY/MD
 Sample : L4849-01DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4392DL

Quant Time: Nov 25 07:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65257	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20299	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.92	69	15915	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	34611	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	4.65	46	77883	66.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.32%#
24) Chloroform-d	5.08	84	45281	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.72	65	30984	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.74	84	82055	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	23912	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.90	98	70491	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.18	79	12232	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.64	63	49134	62.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22306	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	27458	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

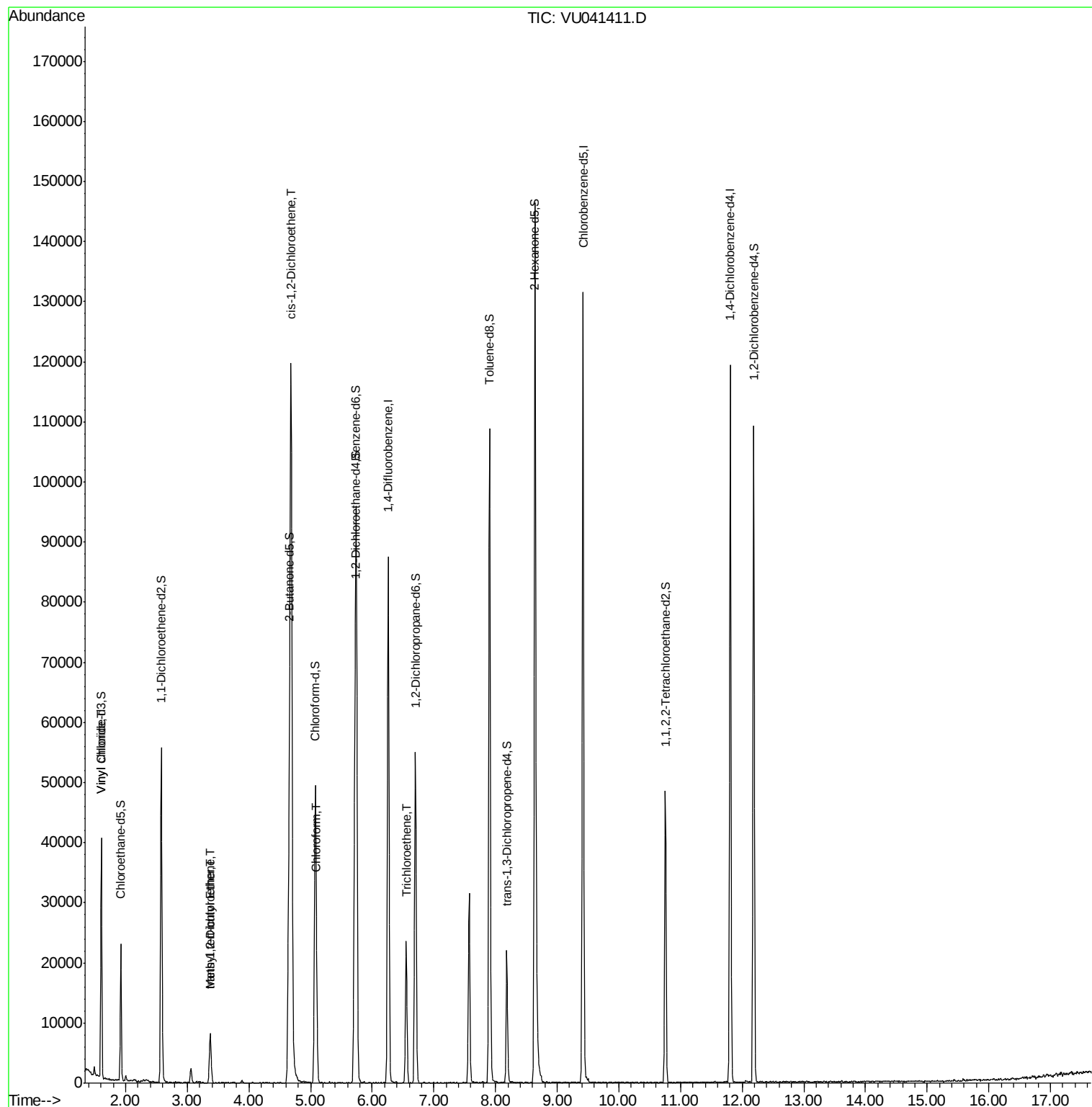
					Ovalue
5) Vinyl chloride	1.61	62	4940	0.866 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	4723	0.472 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2048	0.470 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	51183	11.045 ug/L	96
25) Chloroform	5.11	83	2514	0.264 ug/L	99
34) Trichloroethene	6.55	95	7826	1.576 ug/L	95

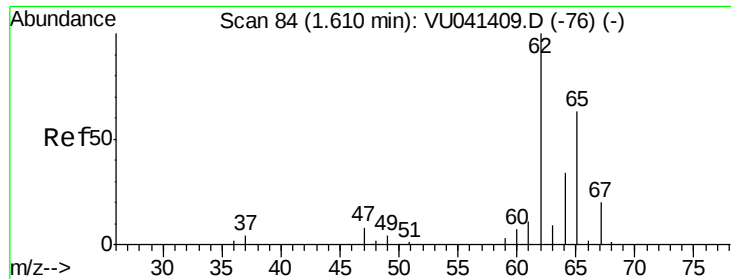
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112420\
Data File : VU041411.D
Acq On : 24 Nov 2020 12:10
Operator : SY/MD
Sample : L4849-01DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4392DL

Quant Time: Nov 25 07:55:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 25 07:37:29 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.866 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041411.D

Acq: 24 Nov 2020 12:10

Instrument :

MSVOA_U

ClientSampleId :

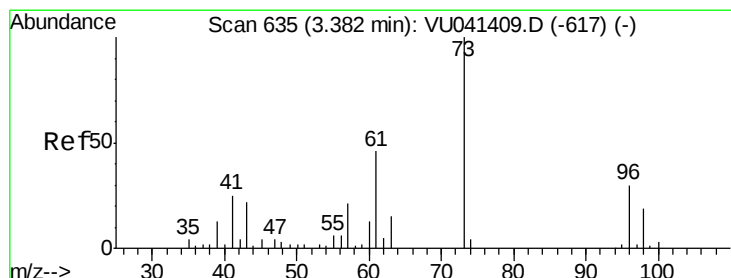
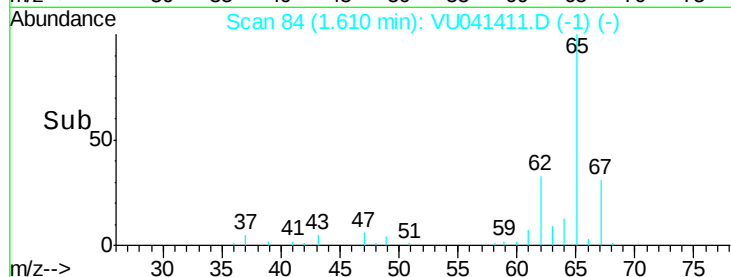
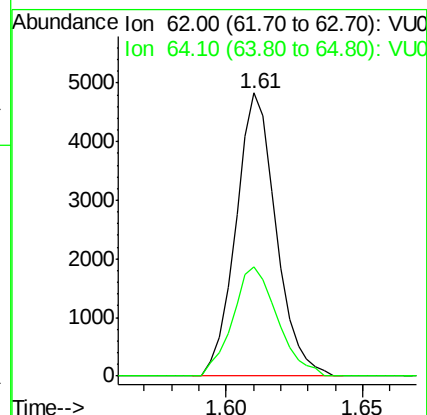
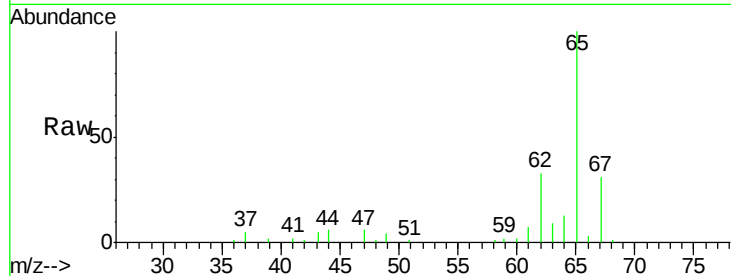
H4392DL

Tot Ion: 62 Resp: 4940

Ion Ratio Lower Upper

62 100

64 38.8 23.8 44.2



#17

Methyl tert-butyl Ether

Concen: 0.472 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU041411.D

Acq: 24 Nov 2020 12:10

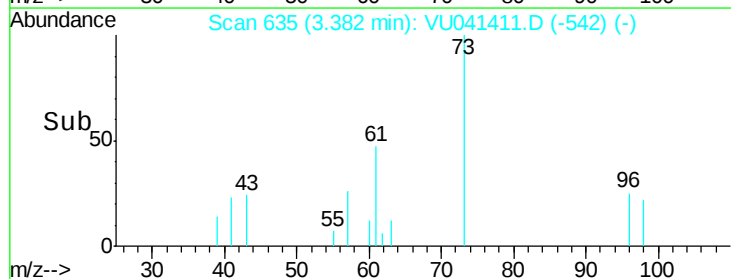
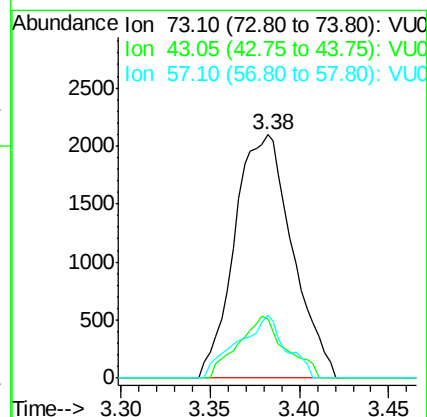
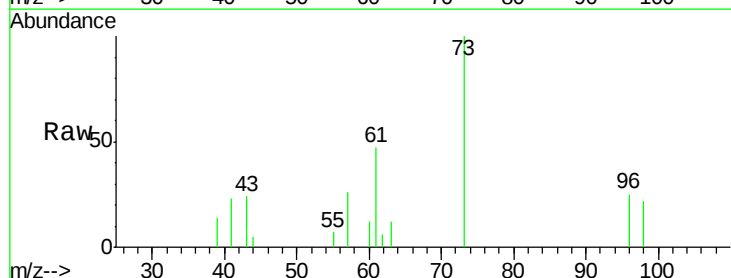
Tgt Ion: 73 Resp: 4723

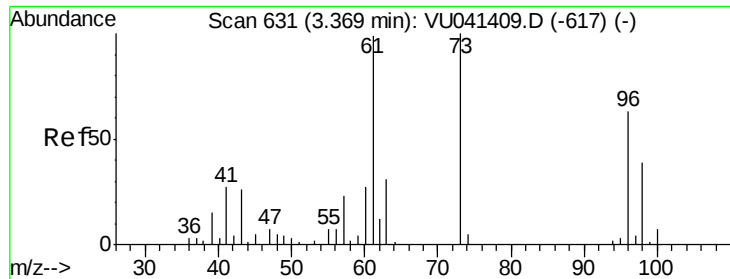
Ion Ratio Lower Upper

73 100

43 20.8 18.3 27.5

57 21.5 17.7 26.5

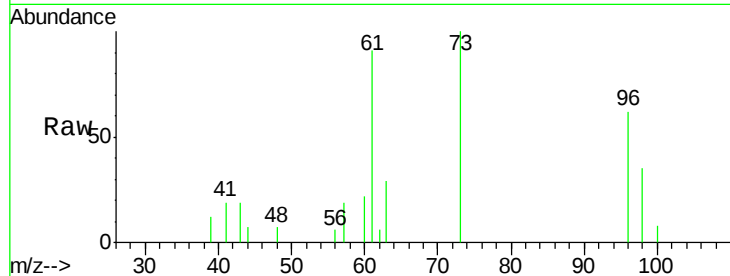




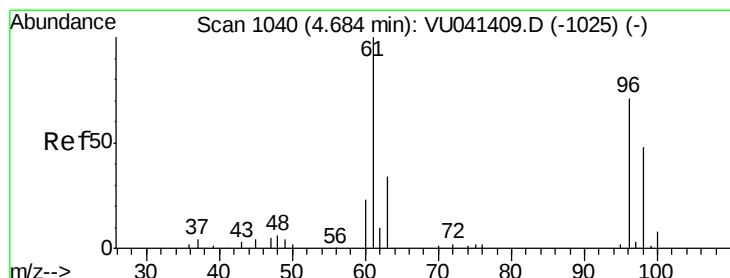
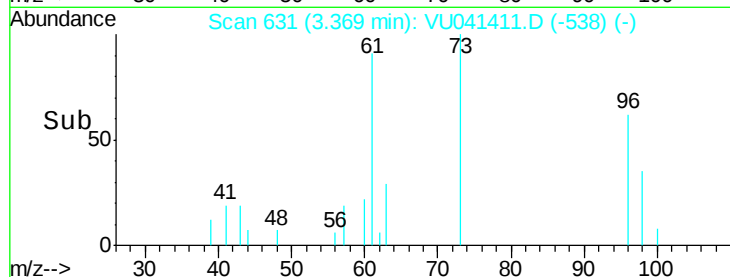
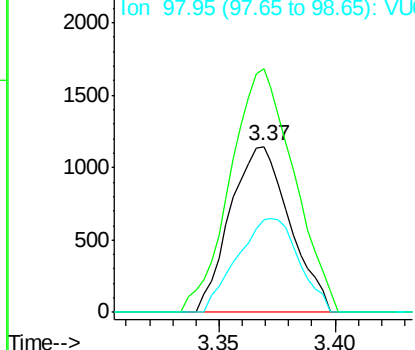
#18
trans-1,2-Dichloroethene
Concen: 0.470 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
H4392DL

Tot Ion: 96 Resp: 2048
Ion Ratio Lower Upper
96 100
61 146.9 103.7 192.5
98 56.2 47.5 88.3

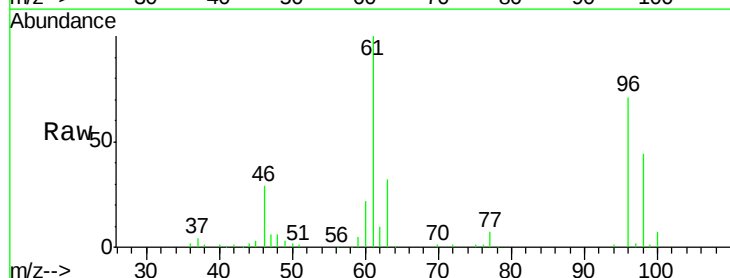


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

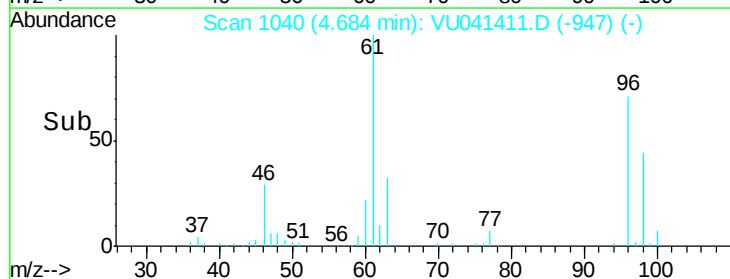
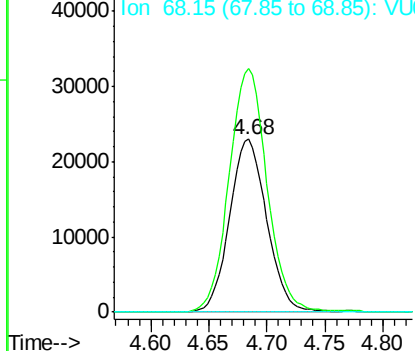


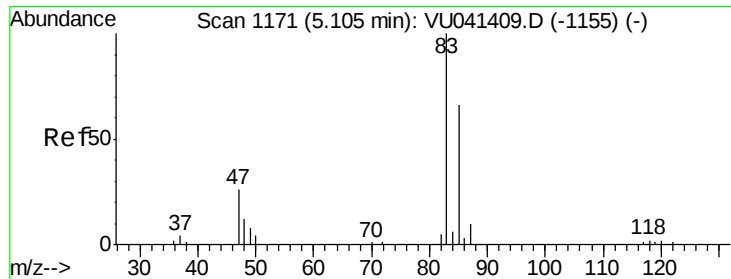
#22
cis-1,2-Dichloroethene
Concen: 11.045 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 96 Resp: 51183
Ion Ratio Lower Upper
96 100
61 141.1 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

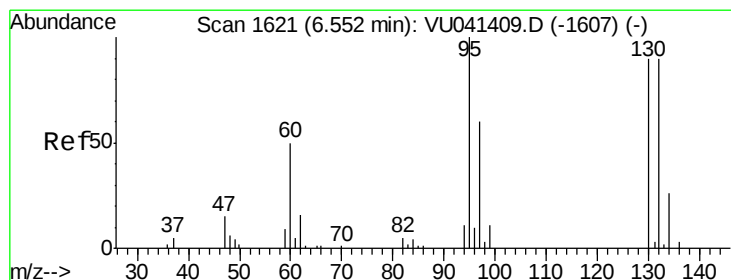
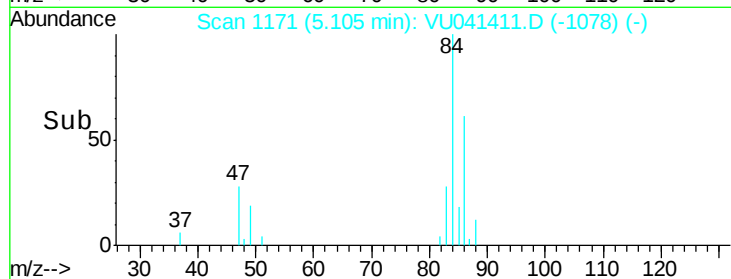
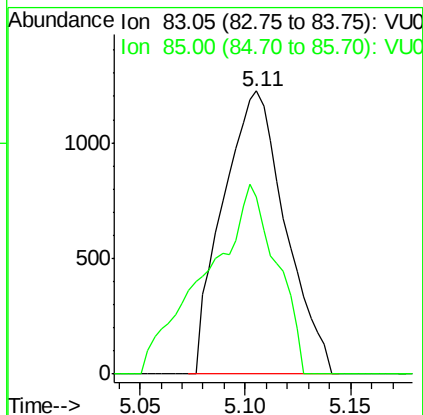
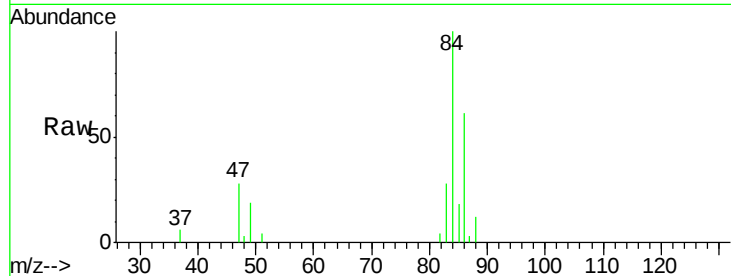




#25
Chloroform
Concen: 0.264 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Instrument :
MSVOA_U
ClientSampleId :
H4392DL

Tot Ion: 83 Resp: 2514
Ion Ratio Lower Upper
83 100
85 62.6 44.7 82.9



#34
Trichloroethene
Concen: 1.576 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041411.D
Acq: 24 Nov 2020 12:10

Tgt Ion: 95 Resp: 7826
Ion Ratio Lower Upper
95 100
97 66.9 46.5 86.5
132 95.4 60.8 113.0
130 94.9 63.3 117.7

