

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112420\
 Data File : VU041413.D
 Acq On : 24 Nov 2020 12:57
 Operator : SY/MD
 Sample : L4849-04DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4407DL

Quant Time: Nov 25 08:04:05 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	65051	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19204	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.92	69	15224	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	32550	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	75672	64.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.94%
24) Chloroform-d	5.08	84	44321	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	30506	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.74	84	79331	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	23134	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	67713	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	11500	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	46960	59.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24325	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26784	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

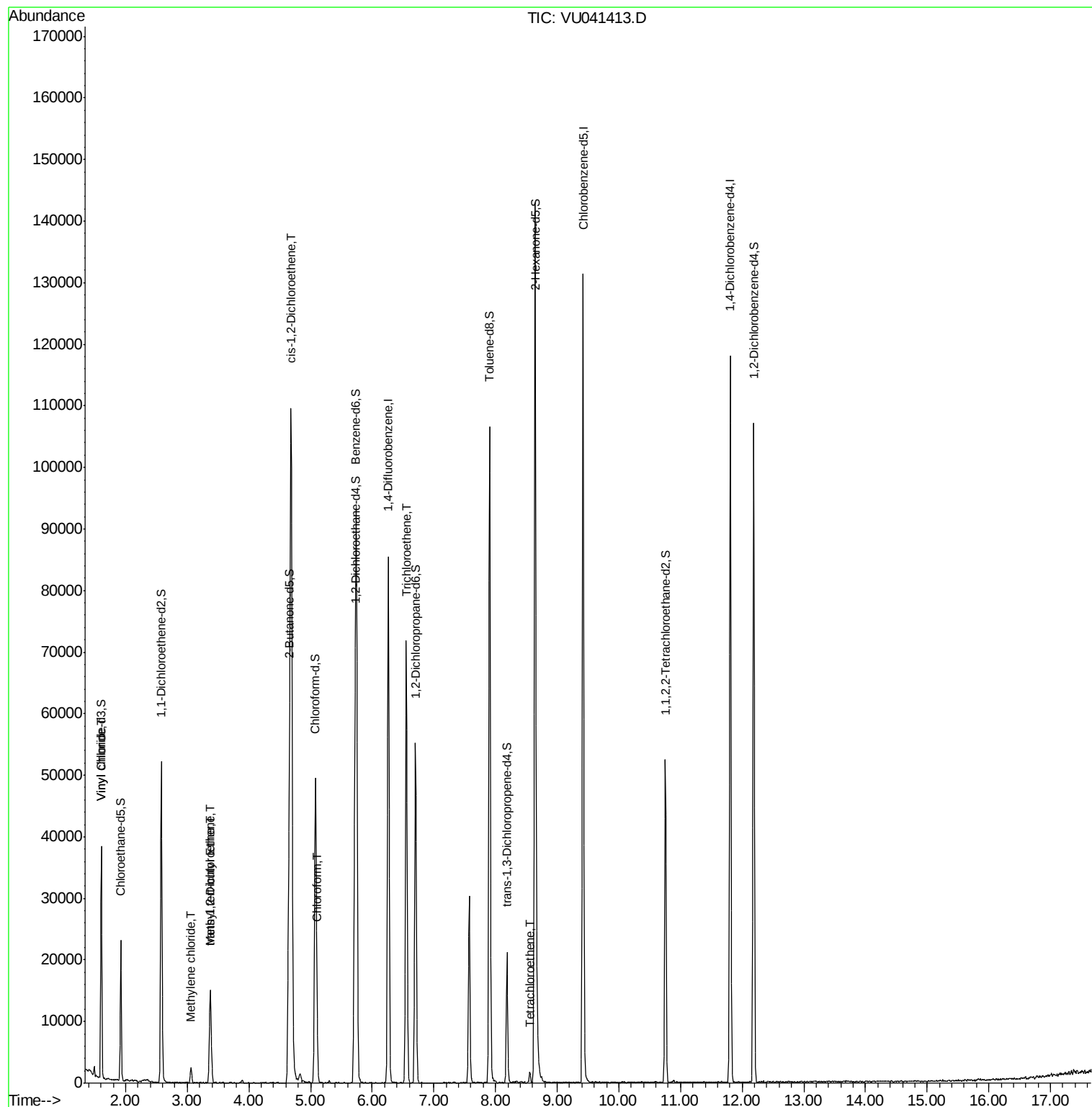
					Ovalue
5) Vinyl chloride	1.61	62	5337	0.939 ug/L	98
16) Methylene chloride	3.06	84	1140	0.199 ug/L	91
17) Methyl tert-butyl Ether	3.38	73	7347	0.737 ug/L #	86
18) trans-1,2-Dichloroethene	3.37	96	3991	0.919 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	46101	9.979 ug/L	96
25) Chloroform	5.11	83	2205	0.232 ug/L	92
34) Trichloroethene	6.55	95	23600	4.706 ug/L	92
47) Tetrachloroethene	8.55	164	413	0.110 ug/L #	61

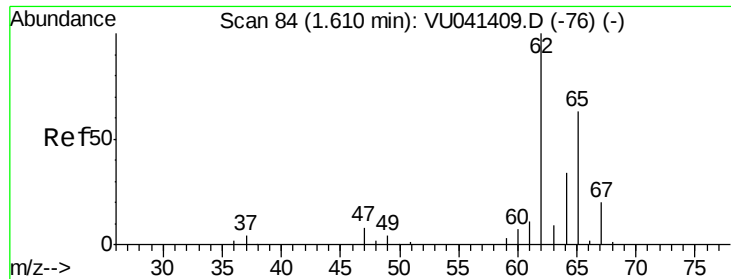
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.939 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041413.D

Acq: 24 Nov 2020 12:57

Instrument :

MSVOA_U

ClientSampled :

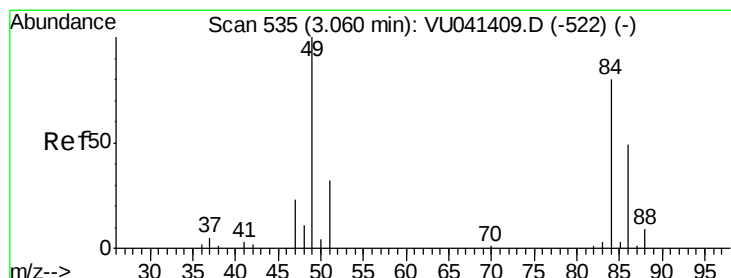
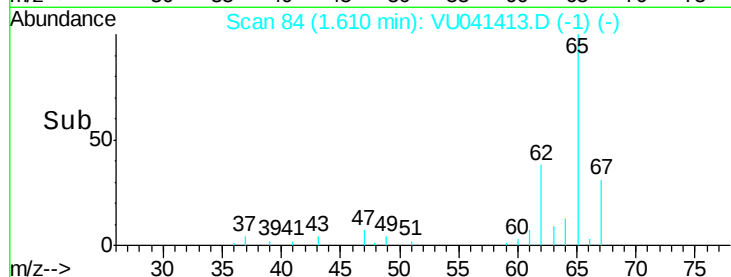
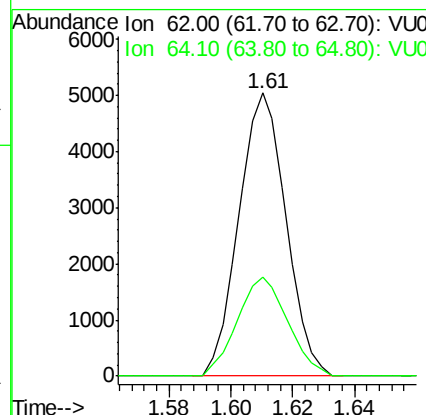
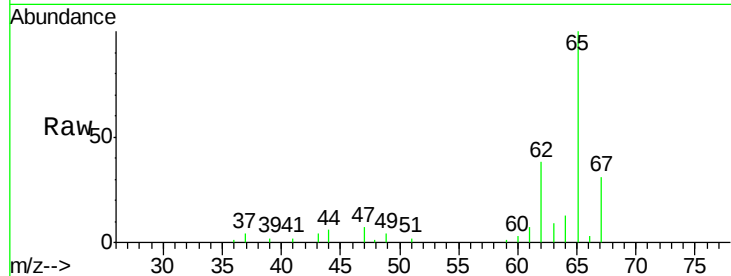
H4407DL

Tot Ion: 62 Resp: 5337

Ion Ratio Lower Upper

62 100

64 35.1 23.8 44.2



#16

Methylene chloride

Concen: 0.199 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041413.D

Acq: 24 Nov 2020 12:57

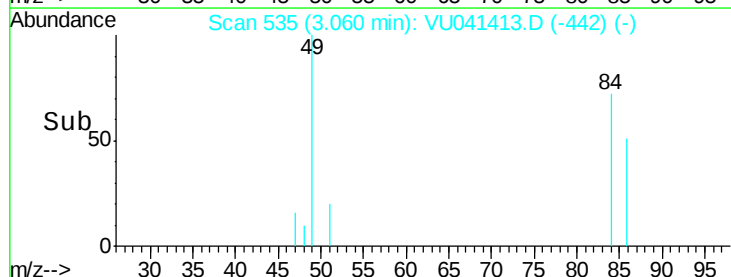
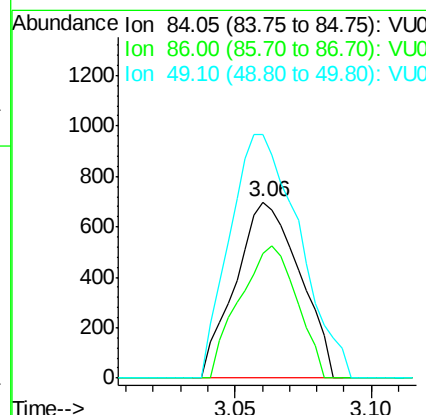
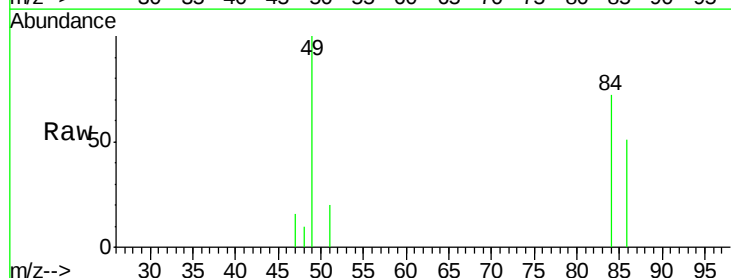
Tgt Ion: 84 Resp: 1140

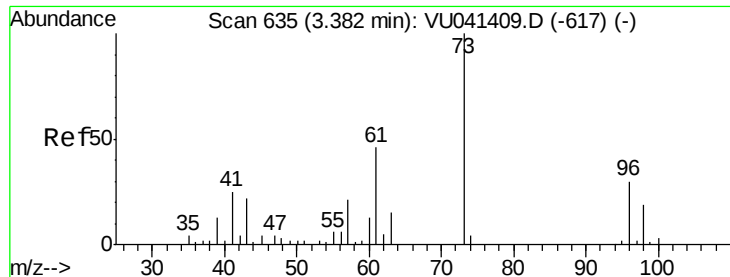
Ion Ratio Lower Upper

84 100

86 70.7 44.4 82.5

49 138.2 89.9 167.0

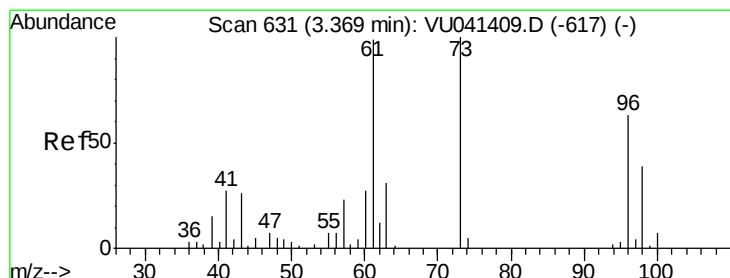
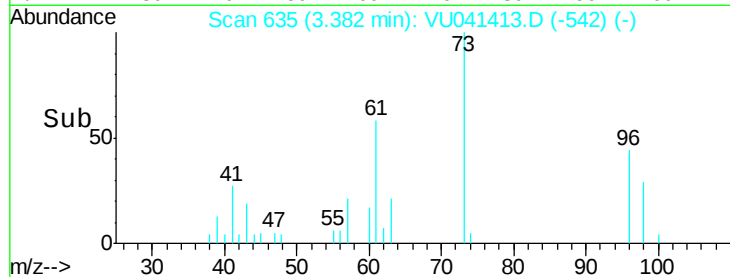
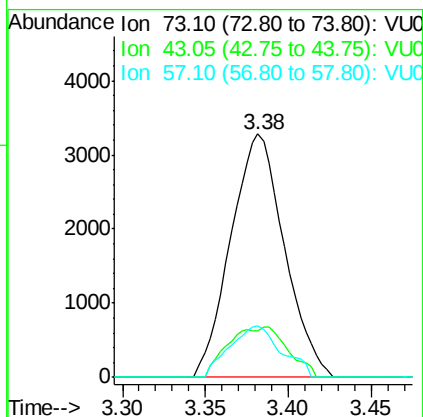
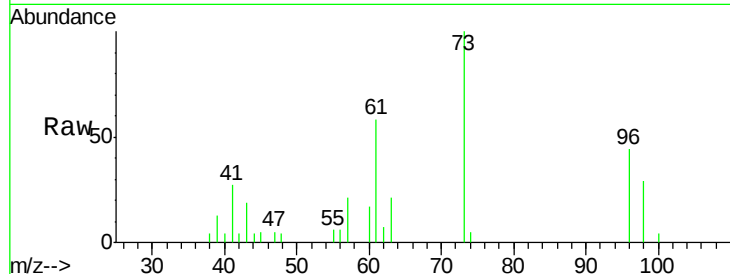




#17
Methvl tert-butvl Ether
Concen: 0.737 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041413.D
Acq: 24 Nov 2020 12:57

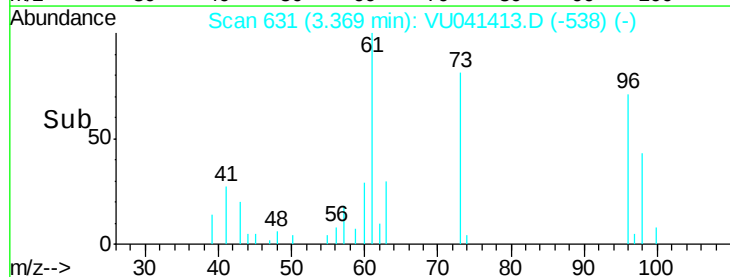
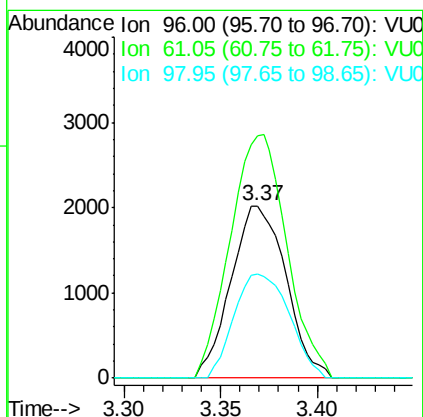
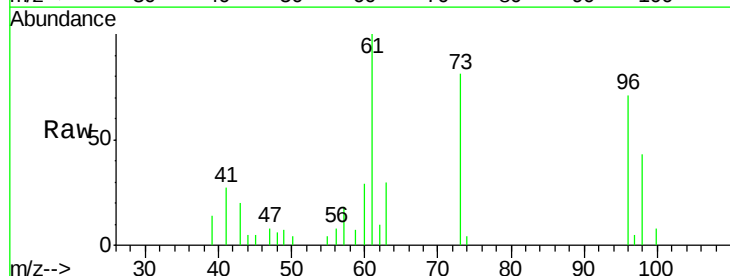
Instrument :
MSVOA_U
ClientSampleId :
H4407DL

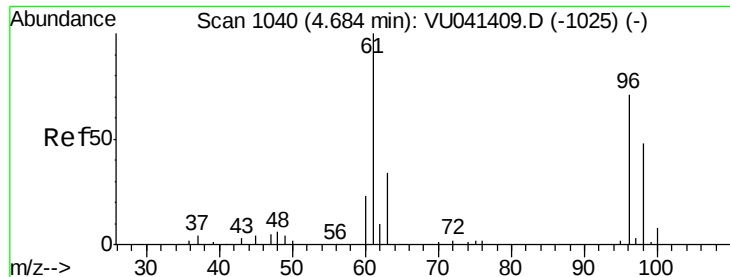
Tot Ion: 73 Resp: 7347
Ion Ratio Lower Upper
73 100
43 10.8 18.3 27.5#
57 20.3 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 0.919 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041413.D
Acq: 24 Nov 2020 12:57

Tgt Ion: 96 Resp: 3991
Ion Ratio Lower Upper
96 100
61 140.9 103.7 192.5
98 60.8 47.5 88.3





#22

cis-1,2-Dichloroethene

Concen: 9.979 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041413.D

Acq: 24 Nov 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

H4407DL

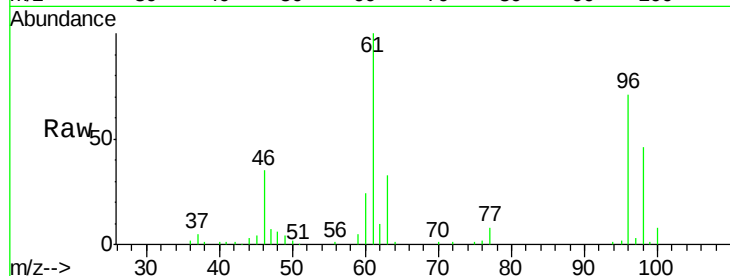
Tot Ion: 96 Resp: 46101

Ion Ratio Lower Upper

96 100

61 141.4 95.3 176.9

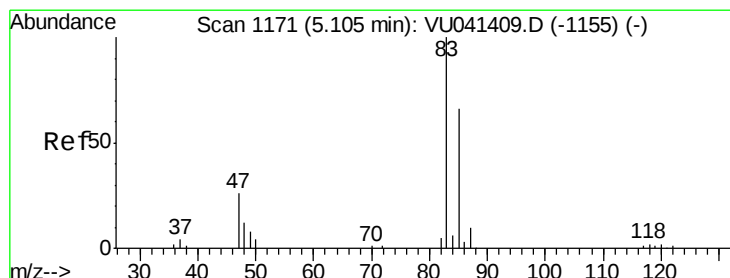
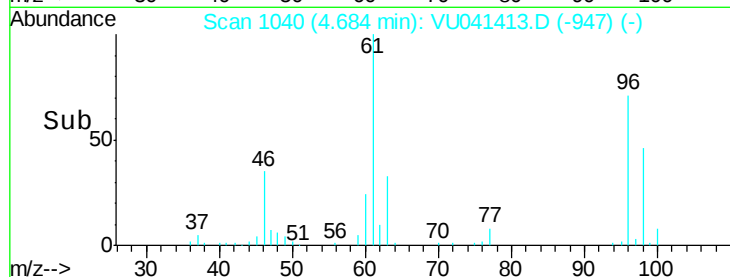
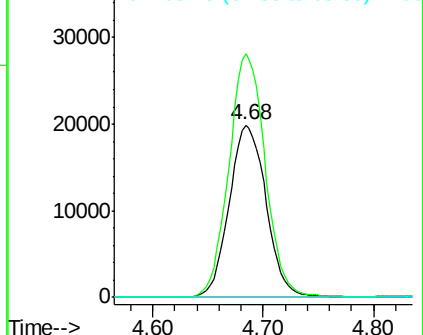
68 0.0 0.0 0.0



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: 0.232 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU041413.D

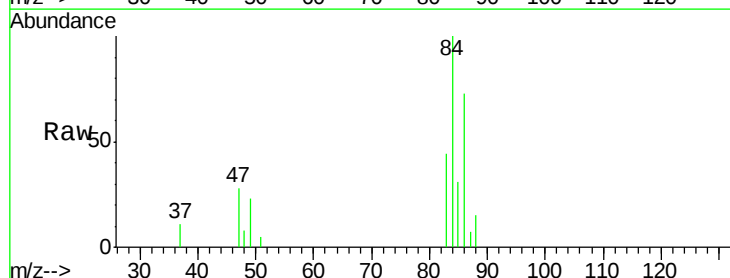
Acq: 24 Nov 2020 12:57

Tgt Ion: 83 Resp: 2205

Ion Ratio Lower Upper

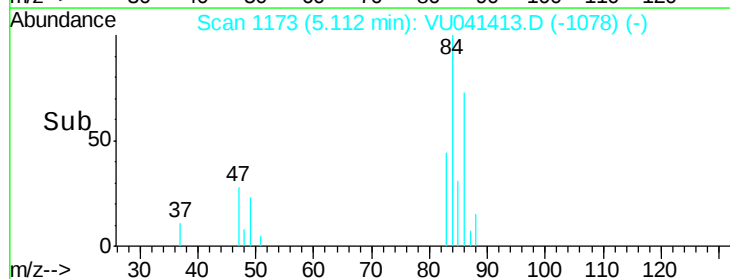
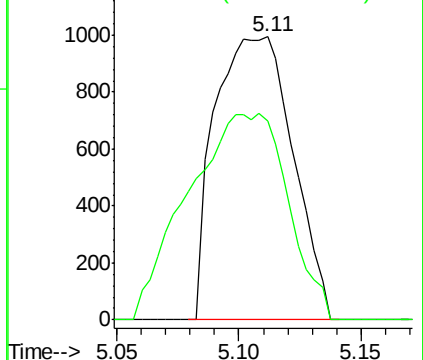
83 100

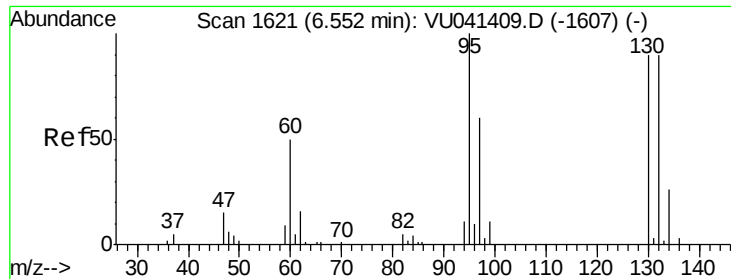
85 70.2 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

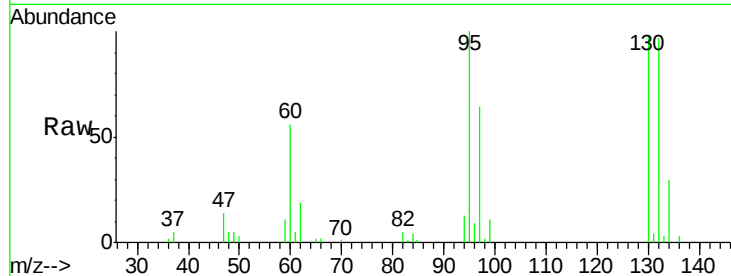




#34
 Trichloroethene
 Concen: 4.706 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041413.D
 Acq: 24 Nov 2020 12:57

Instrument :
 MSVOA_U
 ClientSampleId :
 H4407DL

Tot Ion: 95 Resp: 23600
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.5 86.5
 132 97.0 60.8 113.0
 130 98.2 63.3 117.7



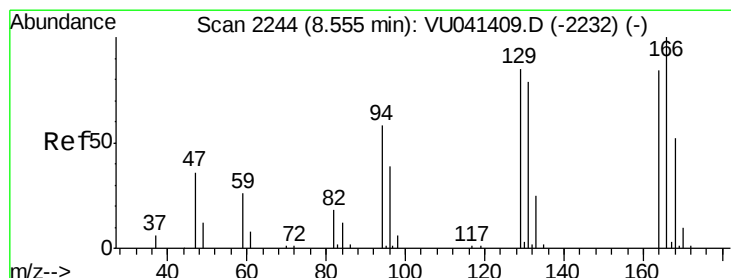
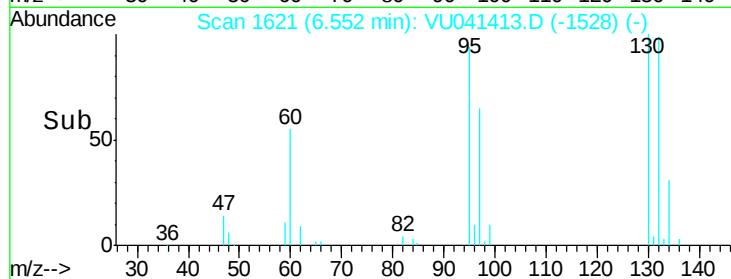
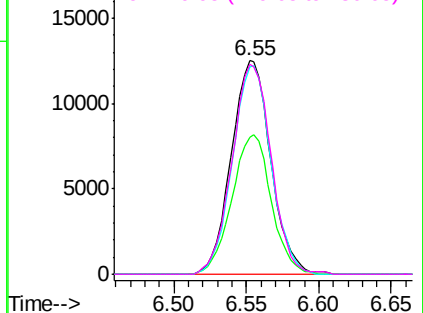
Abundance

Ion 95.00 (94.70 to 95.70): VU041413.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU041413.D (-1528) (-)

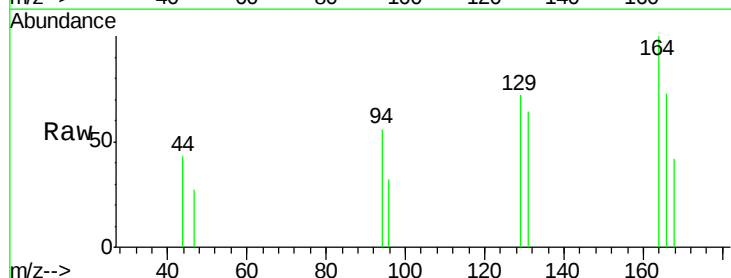
Ion 131.95 (131.65 to 132.65): VU041413.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU041413.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 0.110 ug/L
 RT: 8.55 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: VU041413.D
 Acq: 24 Nov 2020 12:57

Tgt Ion: 164 Resp: 413
 Ion Ratio Lower Upper
 164 100
 129 72.0 71.0 131.9
 131 63.7 69.0 128.1#
 166 72.8 92.4 171.6#



Abundance

Ion 163.90 (163.60 to 164.60): VU041413.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU041413.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU041413.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU041413.D (-2151) (-)

