

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036403.D
 Acq On : 08 Jan 2020 13:11
 Operator : JC/MD
 Sample : L1042-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:52:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 09 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	461209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	436604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	171297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100089	27.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.70%#
7) Chloroethane-d5	1.93	69	110633	36.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.98%
11) 1,1-Dichloroethene-d2	2.74	63	205	0.03	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.67	46	342086	127.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.82%
24) Chloroform-d	5.23	84	274	0.04	ug/L	0.12
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.75	65	227540	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.42%
32) Benzene-d6	5.77	84	550676	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.73	67	218537	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.22%
41) Toluene-d8	7.93	98	471417	40.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.21	79	113133	51.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.28%
47) 2-Hexanone-d5	8.67	63	258389	122.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	375078	60.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.32%#
64) 1,2-Dichlorobenzene-d4	12.22	152	202723	56.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.84%

Target Compounds

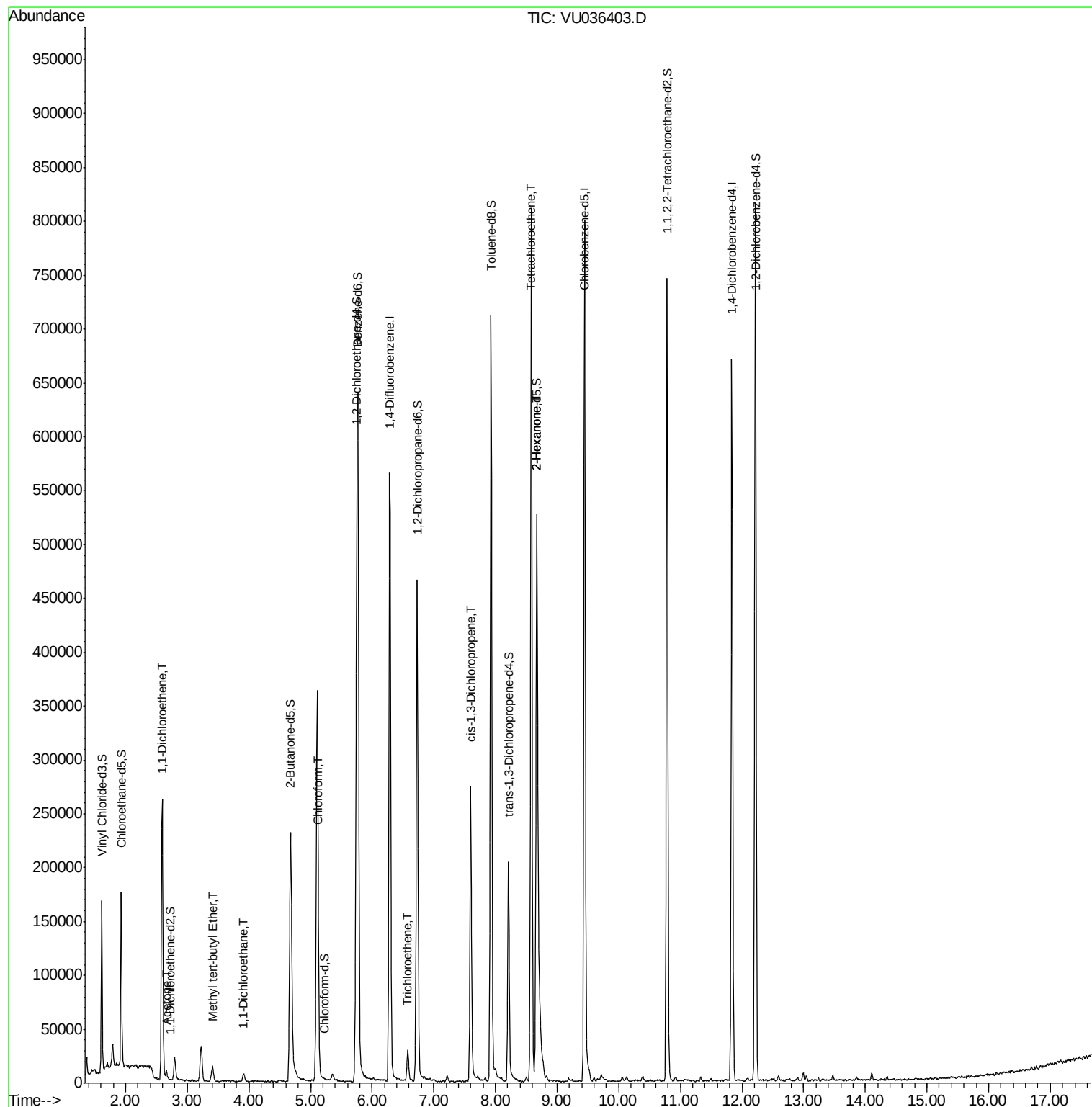
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	4882	1.829	ug/L #	1
13) Acetone	2.66	43	8922	3.214	ug/L	100
18) Methyl tert-butyl Ether	3.41	73	14975	1.431	ug/L	97
19) 1,1-Dichloroethane	3.92	63	8564	1.483	ug/L	98
25) Chloroform	5.13	83	10977	1.784	ug/L	100
34) Trichloroethene	6.58	95	7459	2.256	ug/L	97
39) cis-1,3-Dichloropropene	7.60	75	8418	1.448	ug/L #	80
46) Tetrachloroethene	8.58	164	159790	67.166	ug/L	98
48) 2-Hexanone	8.67	43	24261	5.343	ug/L #	50

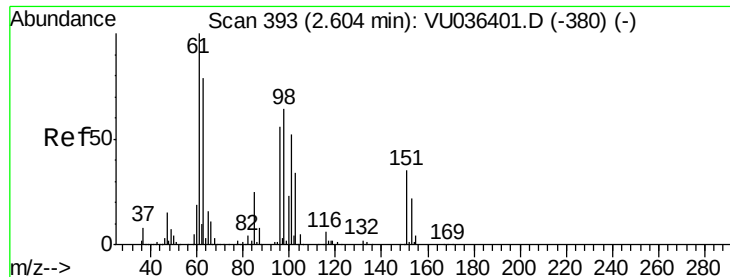
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010820\
Data File : VU036403.D
Acq On : 08 Jan 2020 13:11
Operator : JC/MD
Sample : L1042-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 09 03:52:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 09 03:50:28 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.829 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036403.D

Acq: 08 Jan 2020 13:11

Instrument :

MSVOA_U

ClientSampleId :

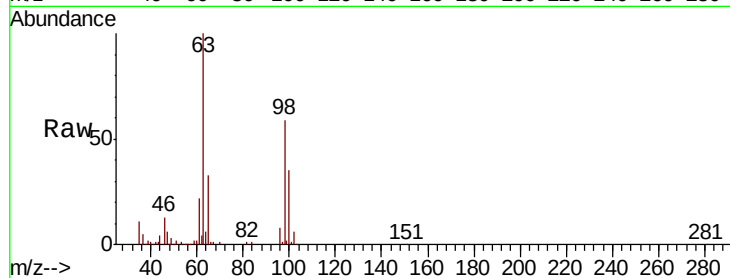
Tot Ion: 96 Resp: 4882

Ion Ratio Lower Upper

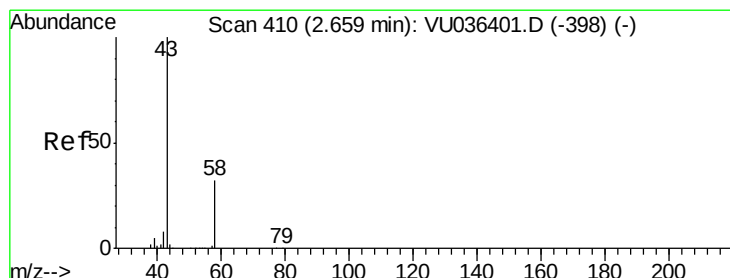
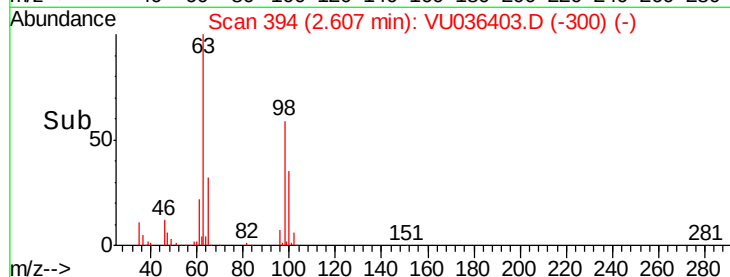
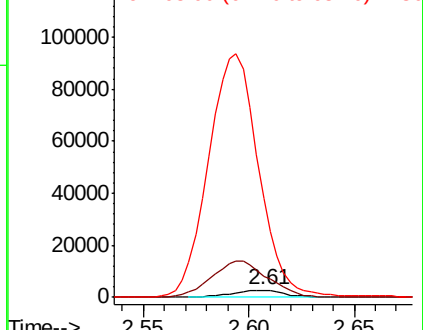
96 100

61 288.2 120.9 224.5#

63 1327.5 81.8 152.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 3.214 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036403.D

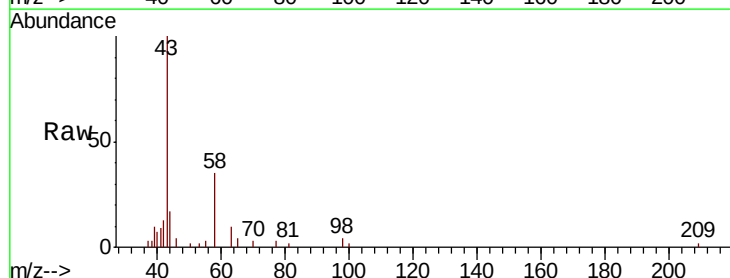
Acq: 08 Jan 2020 13:11

Tgt Ion: 43 Resp: 8922

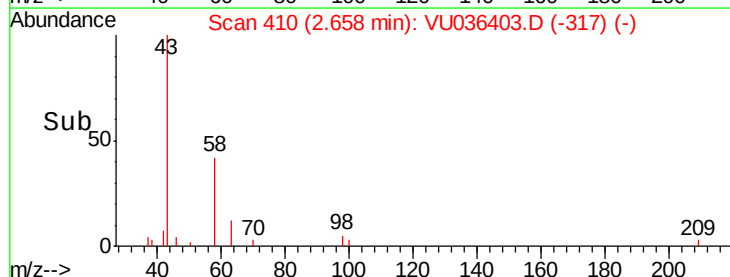
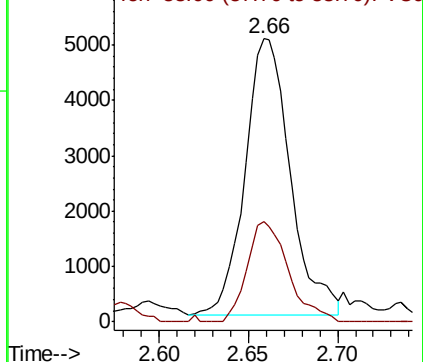
Ion Ratio Lower Upper

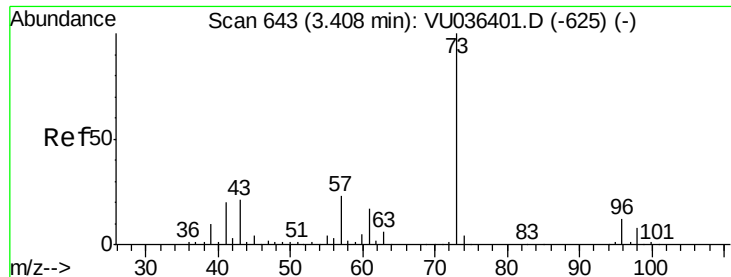
43 100

58 32.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

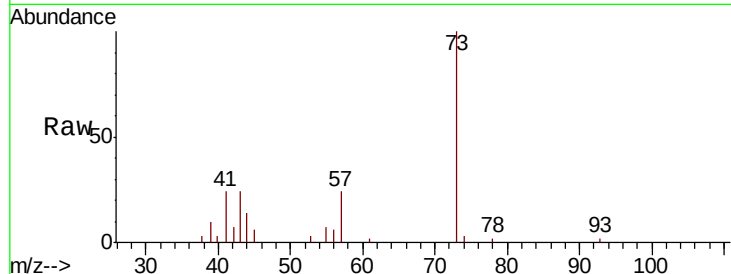




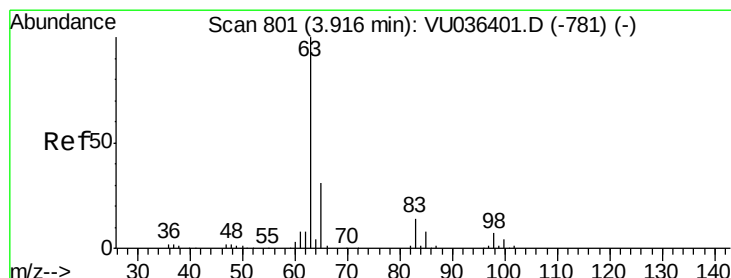
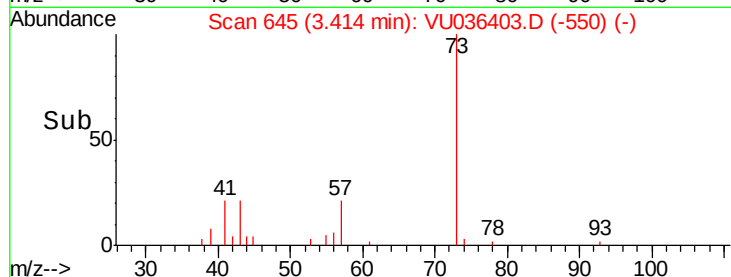
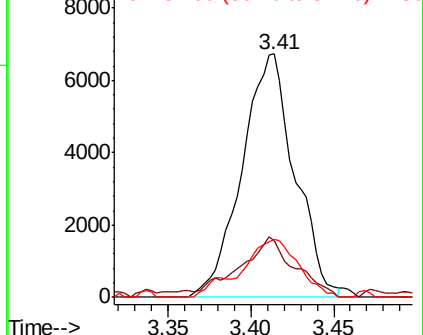
#18
Methyl tert-butyl Ether
Concen: 1.431 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.01 min
Lab File: VU036403.D
Acq: 08 Jan 2020 13:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 14975
Ion Ratio Lower Upper
73 100
43 23.3 16.3 24.5
57 21.9 17.7 26.5

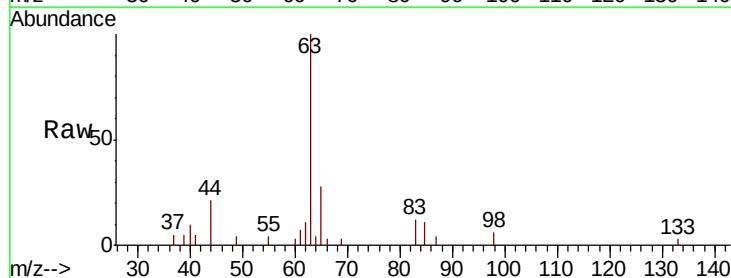


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

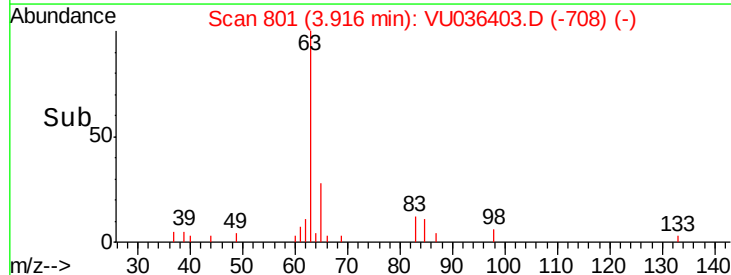
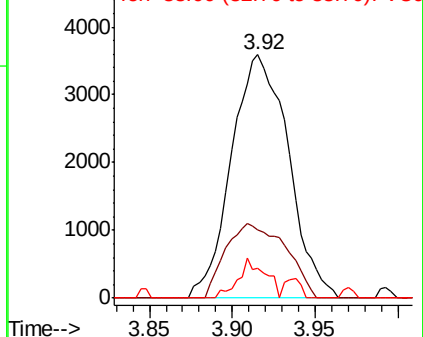


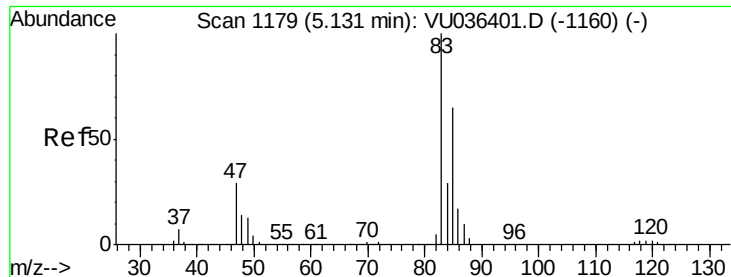
#19
1,1-Dichloroethane
Concen: 1.483 ug/L
RT: 3.92 min Scan# 801
Delta R.T. -0.00 min
Lab File: VU036403.D
Acq: 08 Jan 2020 13:11

Tgt Ion: 63 Resp: 8564
Ion Ratio Lower Upper
63 100
65 28.1 20.0 37.2
83 12.5 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0

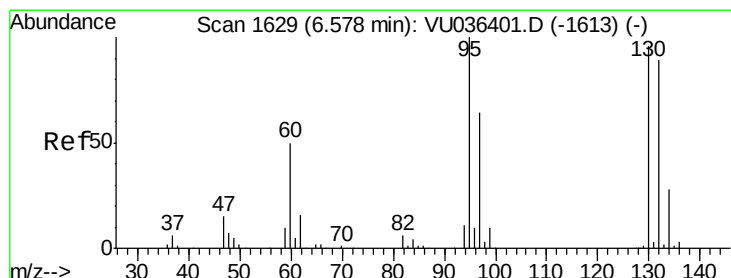
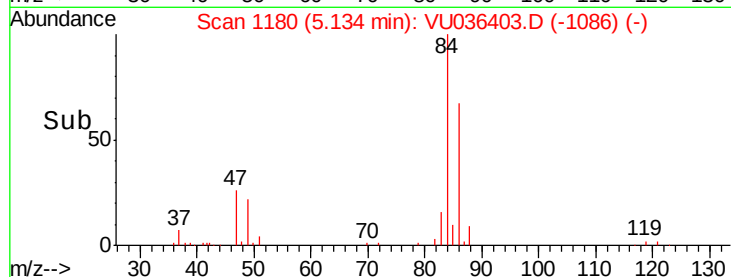
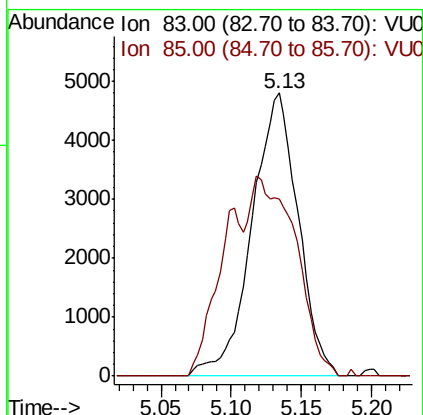
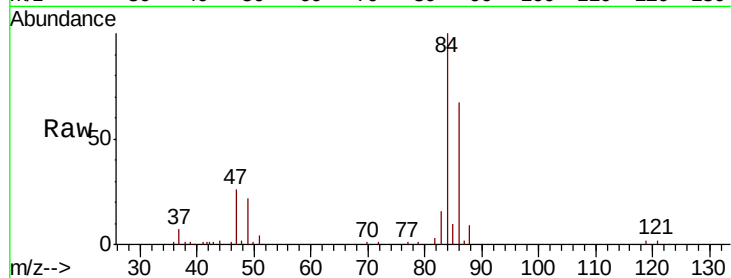




#25
Chloroform
Concen: 1.784 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036403.D
Acq: 08 Jan 2020 13:11

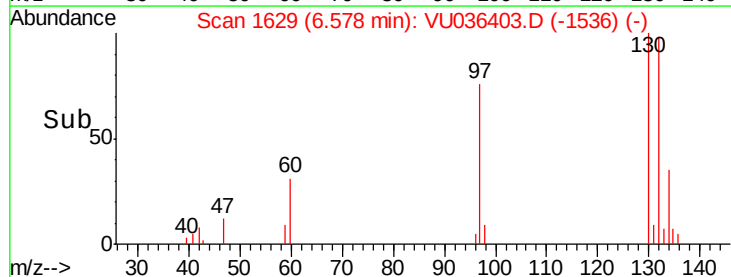
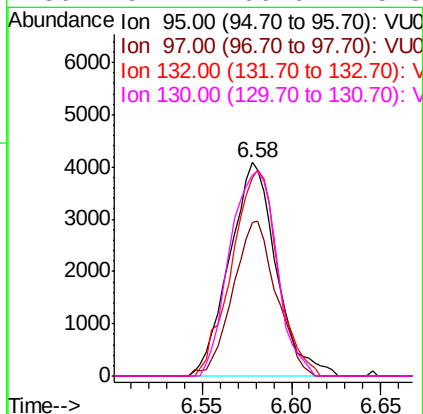
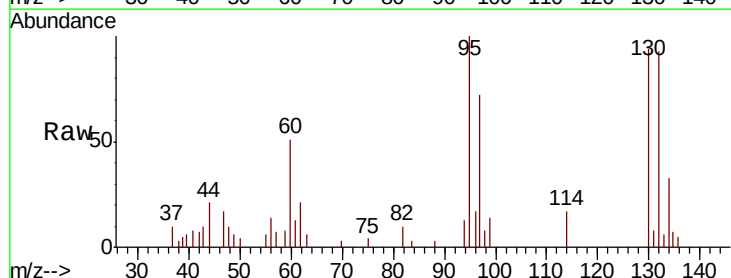
Instrument :
MSVOA_U
ClientSampleId :

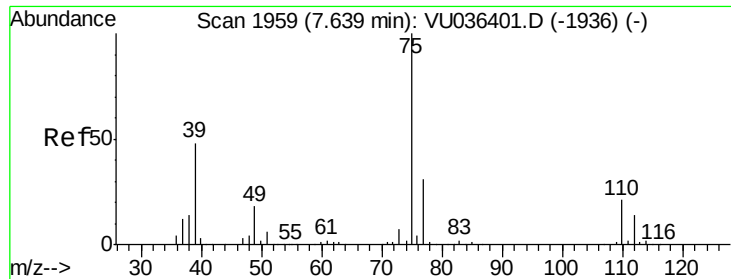
Tot Ion: 83 Resp: 10977
Ion Ratio Lower Upper
83 100
85 62.6 43.9 81.5



#34
Trichloroethene
Concen: 2.256 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU036403.D
Acq: 08 Jan 2020 13:11

Tgt Ion: 95 Resp: 7459
Ion Ratio Lower Upper
95 100
97 71.9 44.5 82.7
132 93.0 64.5 119.9
130 94.4 66.6 123.8



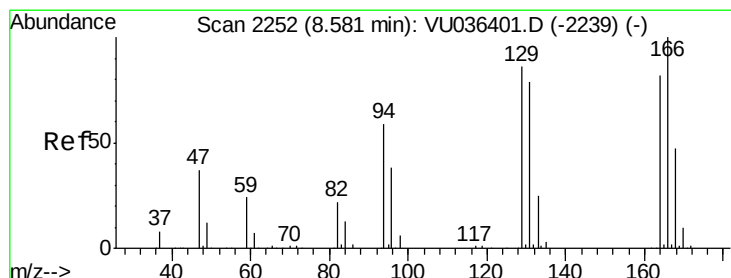
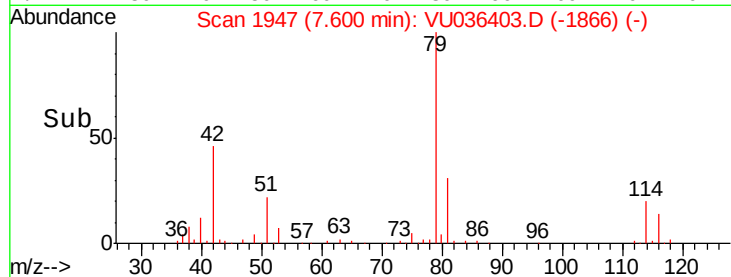
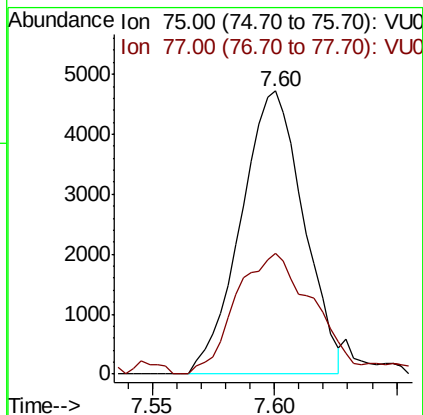
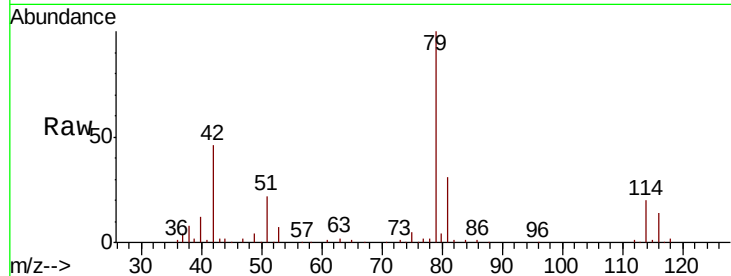


#39

cis-1,3-Dichloropropene
Concen: 1.448 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036403.D
Acq: 08 Jan 2020 13:11

Instrument :
MSVOA_U
ClientSampled :

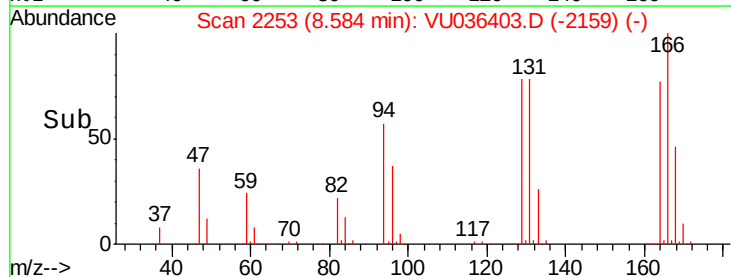
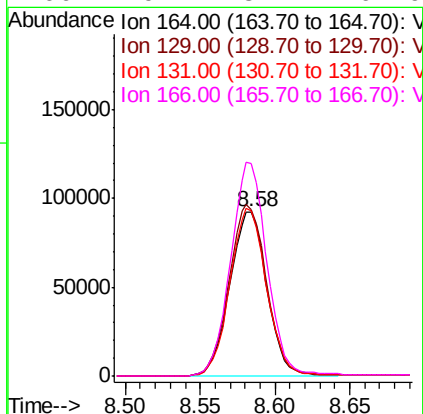
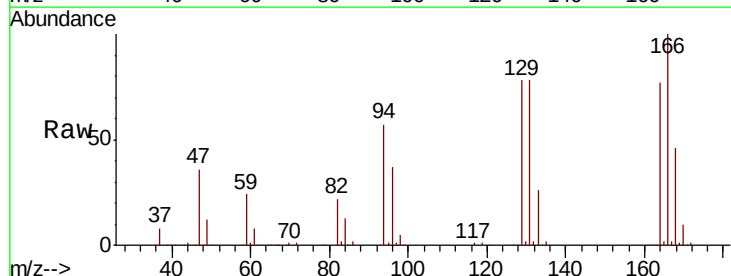
Tot Ion: 75 Resp: 8418
Ion Ratio Lower Upper
75 100
77 42.6 22.2 41.2#

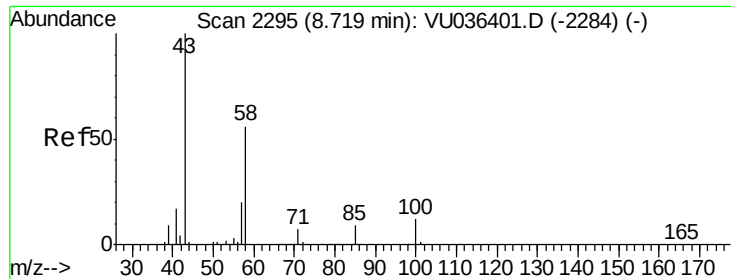


#46

Tetrachloroethene
Concen: 67.166 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036403.D
Acq: 08 Jan 2020 13:11

Tgt Ion:164 Resp: 159790
Ion Ratio Lower Upper
164 100
129 101.4 70.0 130.0
131 100.7 70.1 130.1
166 129.7 87.2 161.9





#48

2-Hexanone

Concen: 5.343 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.05 min

Lab File: VU036403.D

Acq: 08 Jan 2020 13:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 24261

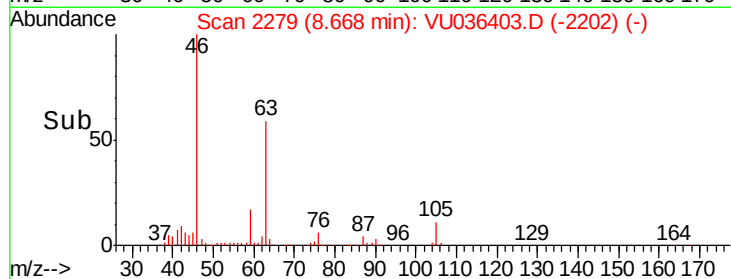
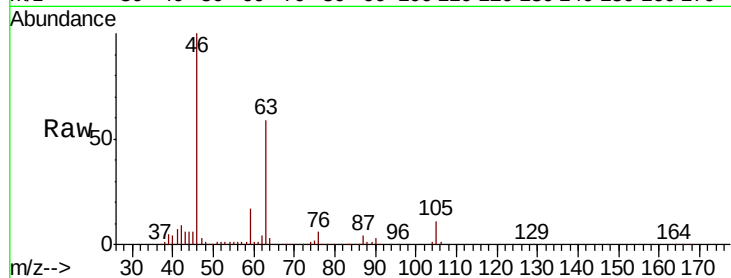
Ion Ratio Lower Upper

43 100

58 3.6 42.2 63.4#

57 23.6 14.8 22.2#

100 3.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

