

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 :
 BFRA6

Manual Integrations
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Quant Time: Jan 09 11:23:47 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	2.59	63	156086m	25.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.98%#
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	5.11	84	327133m	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
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

					Qvalue
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
34) Trichloroethene	6.58	95	7459	2.256 ug/L	97
46) Tetrachloroethene	8.58	164	159790	67.166 ug/L	98

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

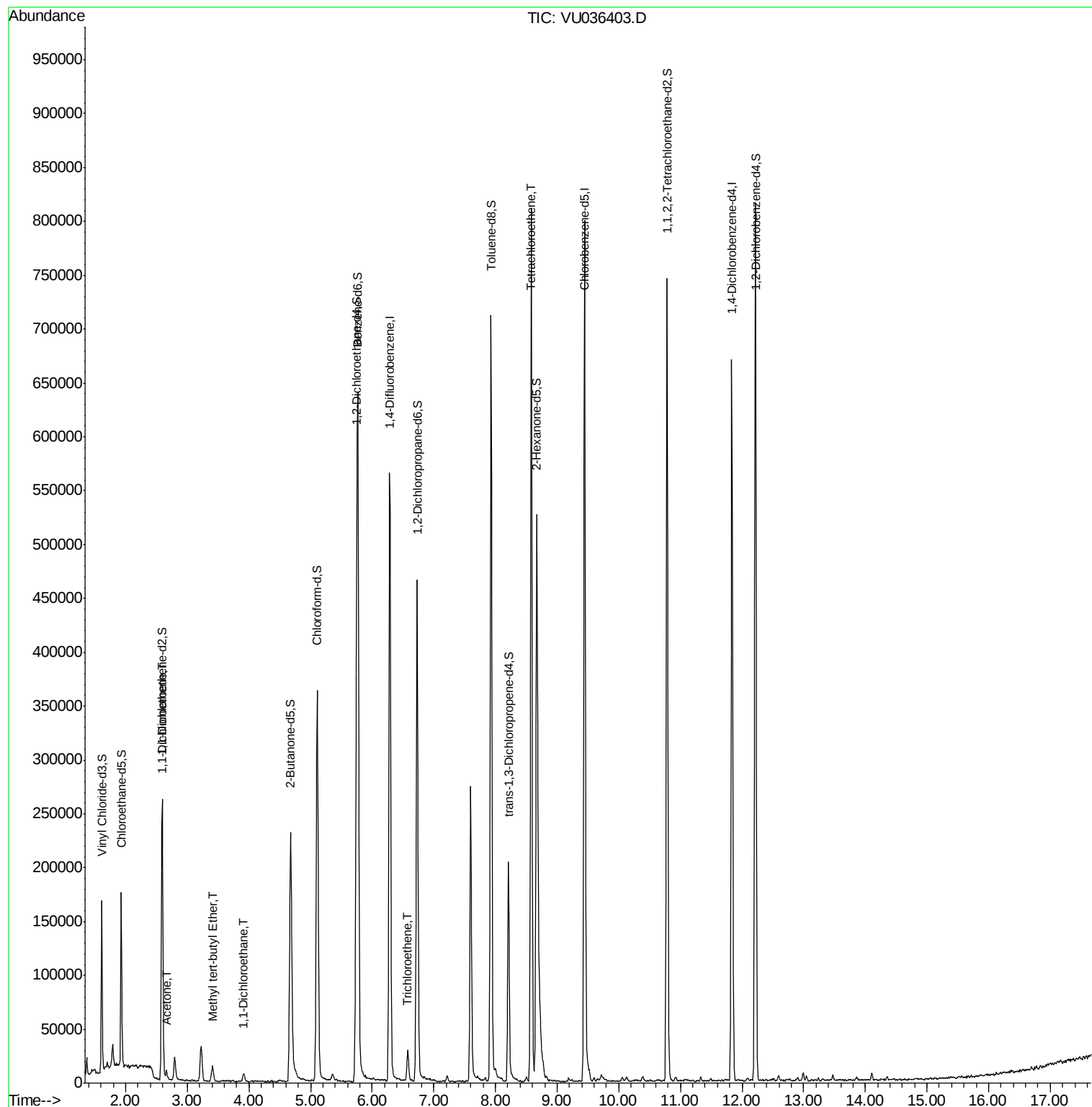
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
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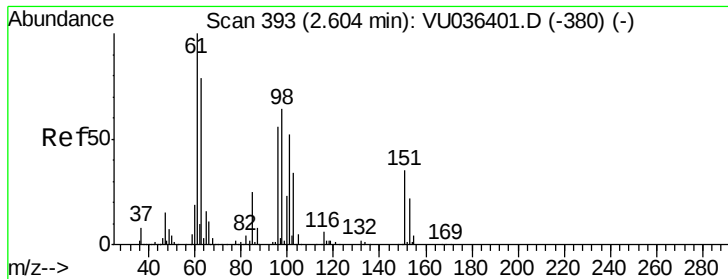
Instrument :
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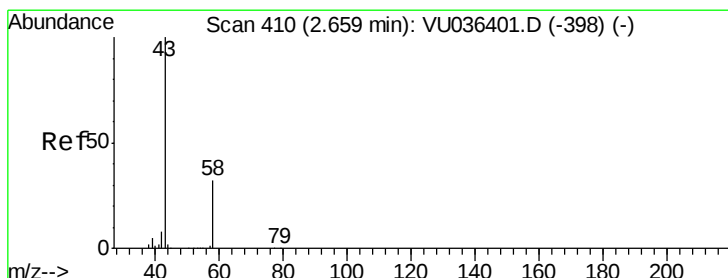
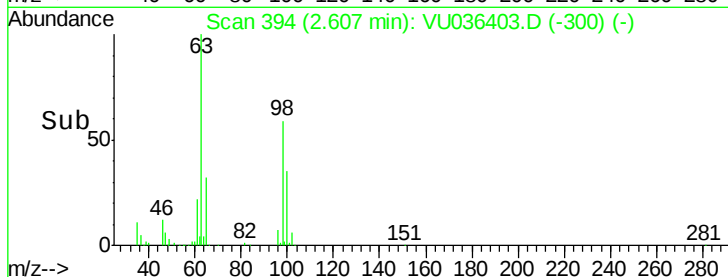
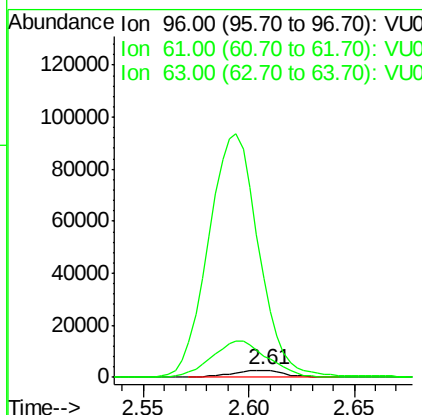
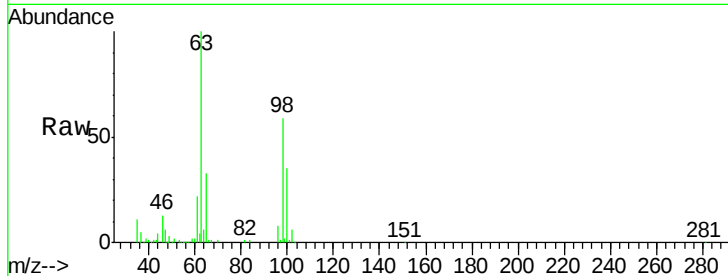
#12
 1,1-Dichloroethene
 Concen: 1.829 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU036403.D
 Acq: 08 Jan 2020 13:11

Instrument :
 MSVOA_U
 ClientSampled :
 BFRA6

Tgt Ion: 96 Resp: 4882
 Ion Ratio Lower Upper
 96 100
 61 288.2 120.9 224.5#
 63 1327.5 81.8 152.0

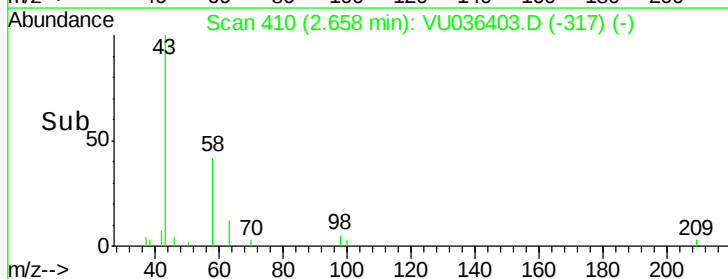
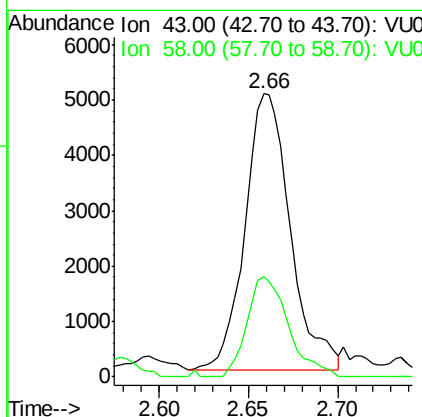
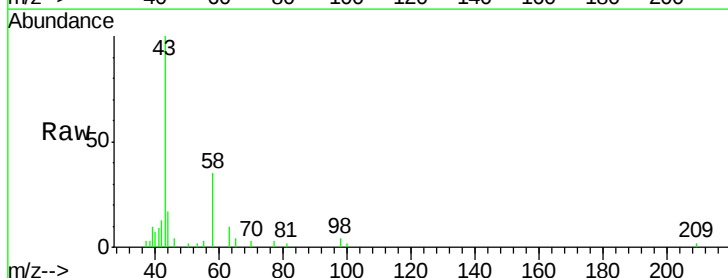
Manual Integrations
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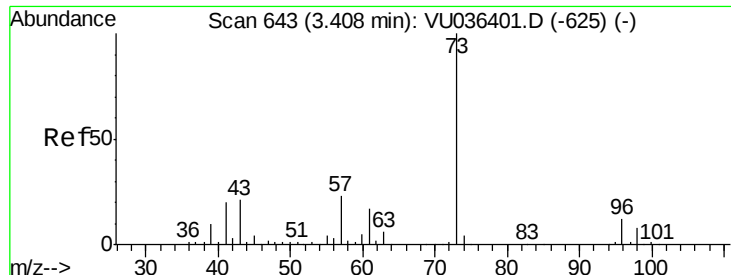
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#13
 Acetone
 Concen: 3.214 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU036403.D
 Acq: 08 Jan 2020 13:11

Tgt Ion: 43 Resp: 8922
 Ion Ratio Lower Upper
 43 100
 58 32.9 0.0 66.2





#18

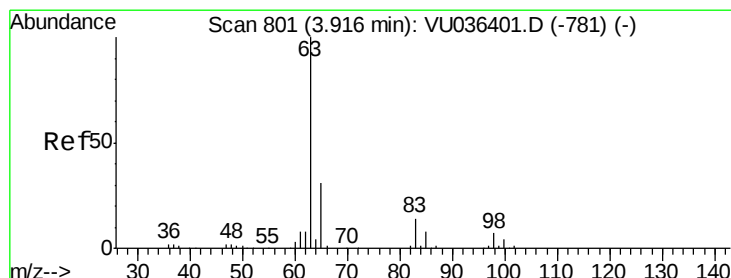
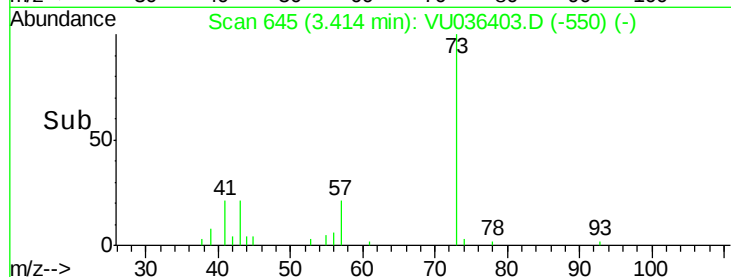
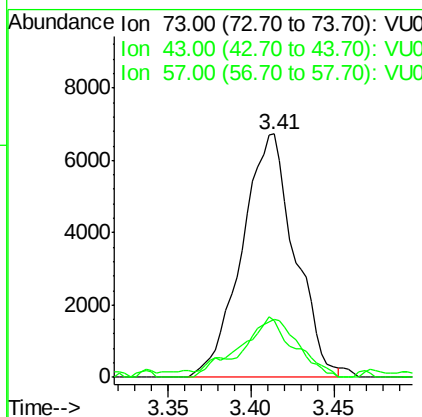
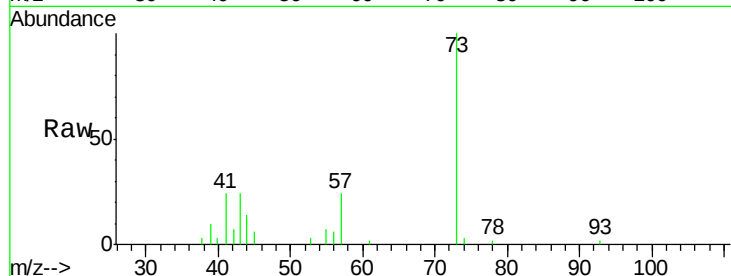
Methyl tert-butyl Ether
 Concen: 1.431 ug/L
 RT: 3.41 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: VU036403.D
 Acq: 08 Jan 2020 13:11

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

Manual Integrations
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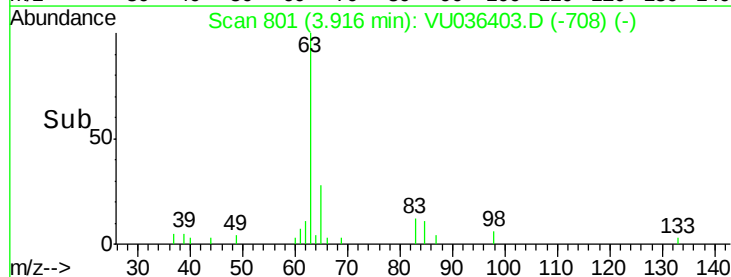
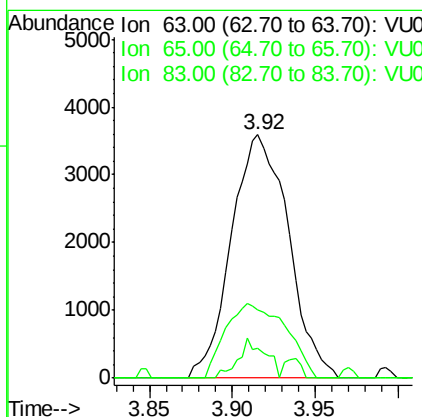
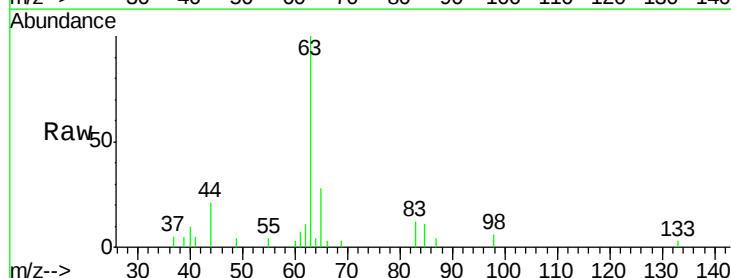
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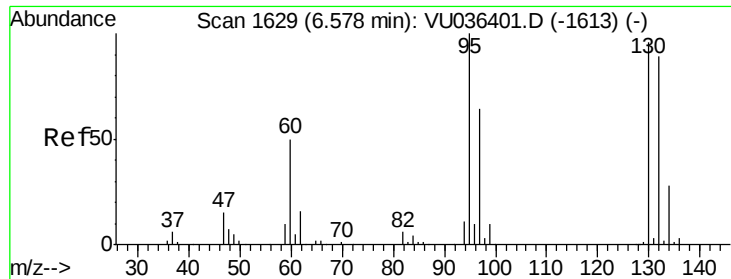


#19

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

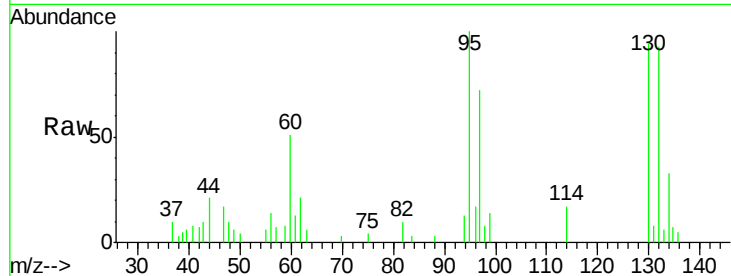
Tgt Ion:	63	Resp:	8564
Ion	Ratio	Lower	Upper
63	100		
65	28.1	20.0	37.2
83	12.5	9.6	17.8





#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

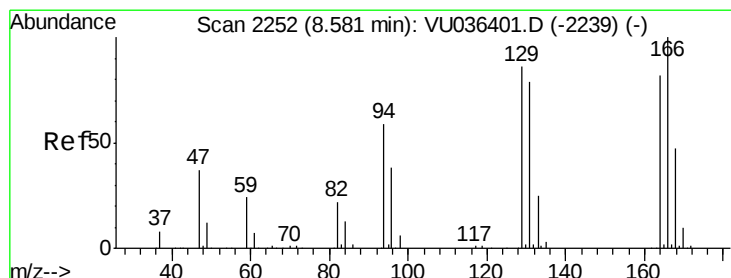
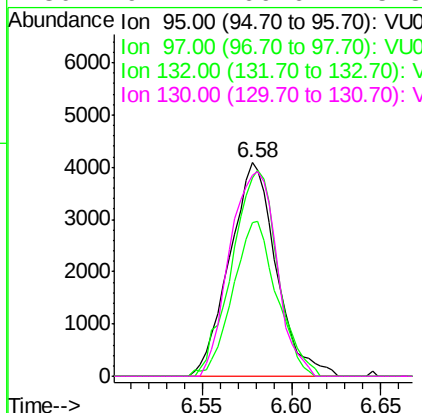
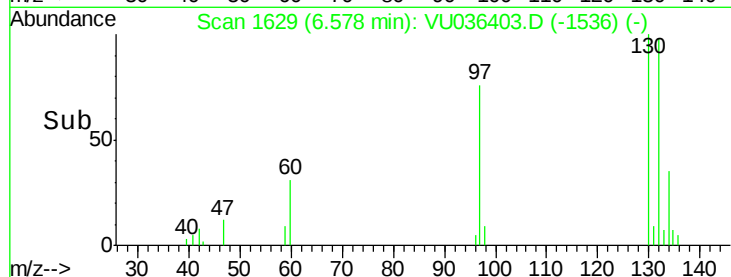
Instrument :
 MSVOA_U
 ClientSampled :
 BFRA6



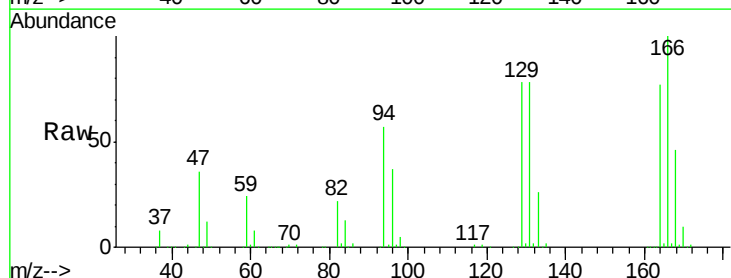
Tgt Ion: 95 Resp: 7459
 Ion Ratio Lower Upper
 95 100
 97 71.9 44.5 82.7
 132 93.0 64.5 119.9
 130 94.4 66.6 123.8

Manual Integrations
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#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

