

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036410.D
 Acq On : 08 Jan 2020 16:35
 Operator : JC/MD
 Sample : L1042-10DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:53:36 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	559109	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	521059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	194862	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144802	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.48%
7) Chloroethane-d5	1.93	69	137632	37.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.90%
11) 1,1-Dichloroethene-d2	2.59	63	232900	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	4.68	46	261022	80.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.46%
24) Chloroform-d	5.11	84	323982	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
26) 1,2-Dichloroethane-d4	5.75	65	226006	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
32) Benzene-d6	5.77	84	650829	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
36) 1,2-Dichloropropane-d6	6.73	67	216159	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.86%
41) Toluene-d8	7.93	98	599938	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%
43) trans-1,3-Dichloropropene-	8.21	79	111892	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
47) 2-Hexanone-d5	8.67	63	199090	79.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	301190	40.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.64%
64) 1,2-Dichlorobenzene-d4	12.22	152	177401	43.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

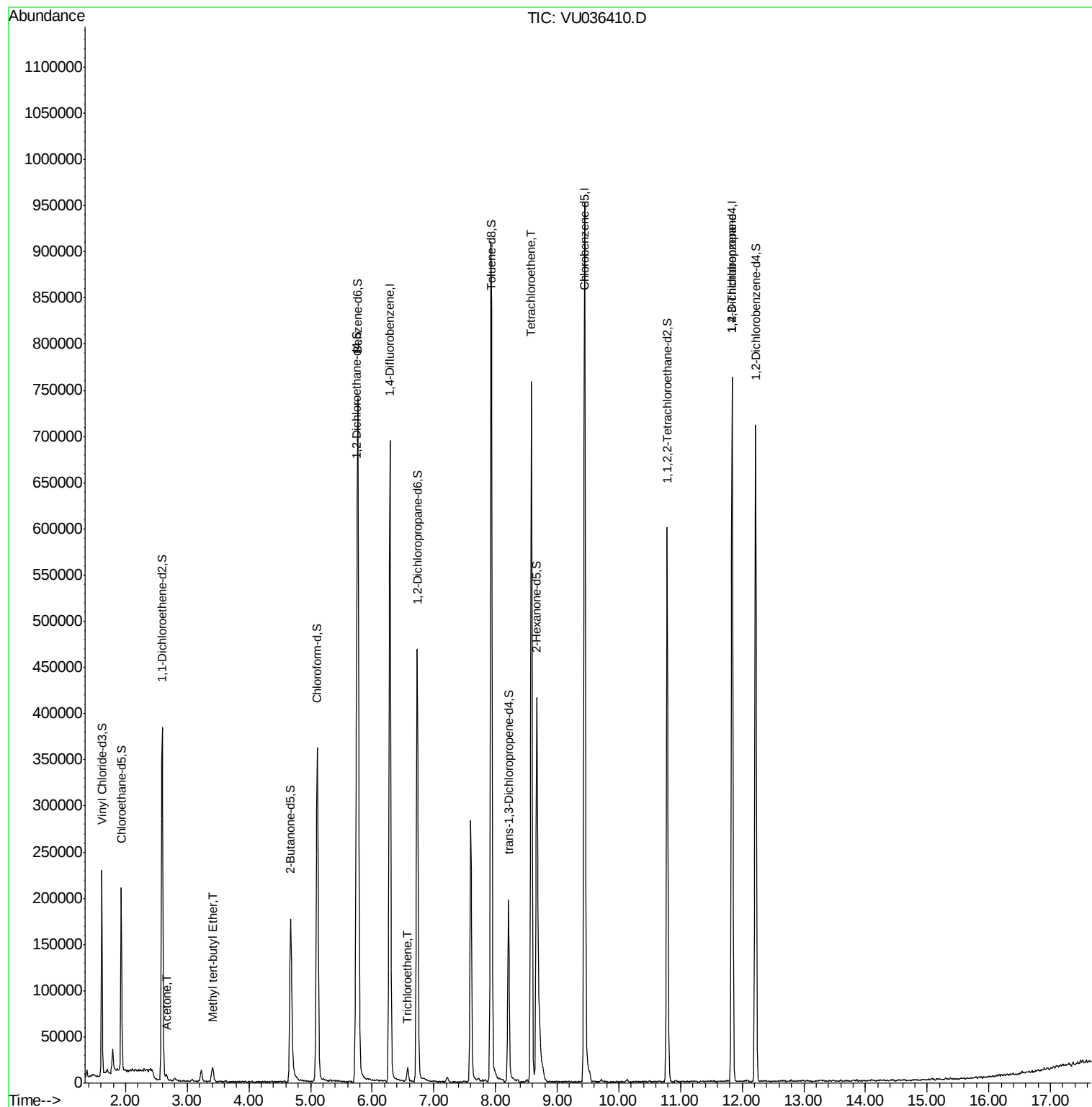
					Ovalue
13) Acetone	2.66	43	5366	1.595 ug/L	88
18) Methyl tert-butyl Ether	3.41	73	18322	1.444 ug/L #	82
34) Trichloroethene	6.58	95	3963	1.004 ug/L	91
46) Tetrachloroethene	8.58	164	149887	52.791 ug/L	97
59) 1,2,3-Trichloropropane	11.84	75	29472	5.068 ug/L	90

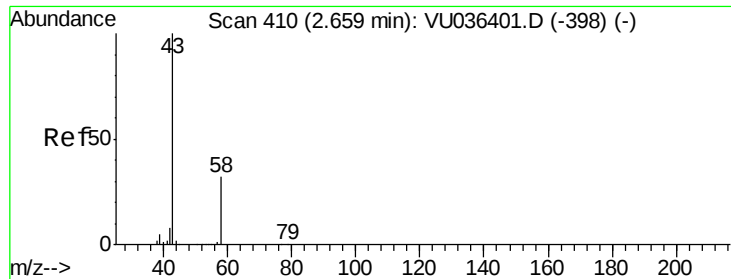
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.595 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036410.D

Acq: 08 Jan 2020 16:35

Instrument :

MSVOA_U

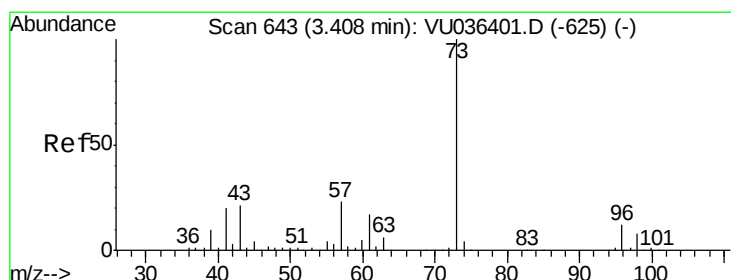
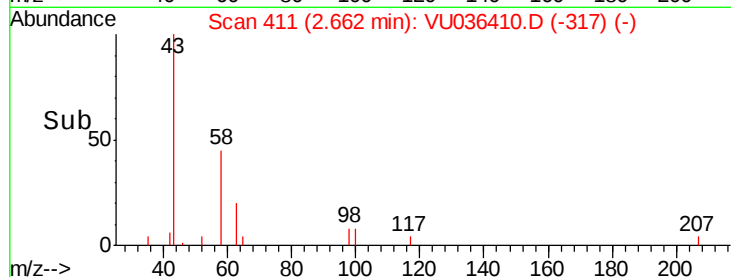
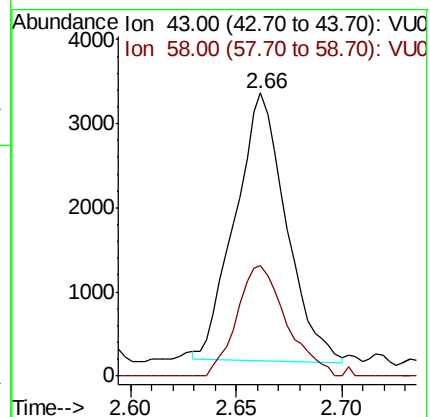
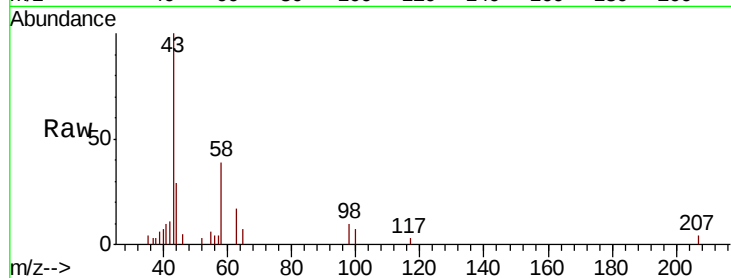
ClientSampleId :

Tot Ion: 43 Resp: 5366

Ion Ratio Lower Upper

43 100

58 39.7 0.0 66.2



#18

Methyl tert-butyl Ether

Concen: 1.444 ug/L

RT: 3.41 min Scan# 645

Delta R.T. 0.01 min

Lab File: VU036410.D

Acq: 08 Jan 2020 16:35

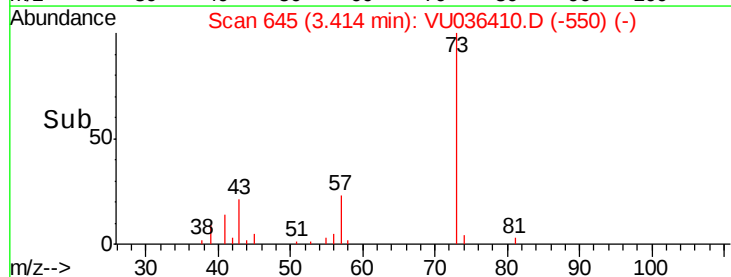
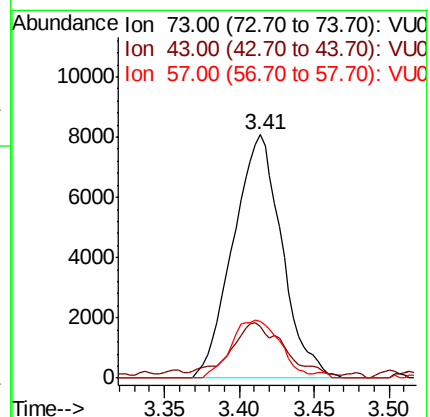
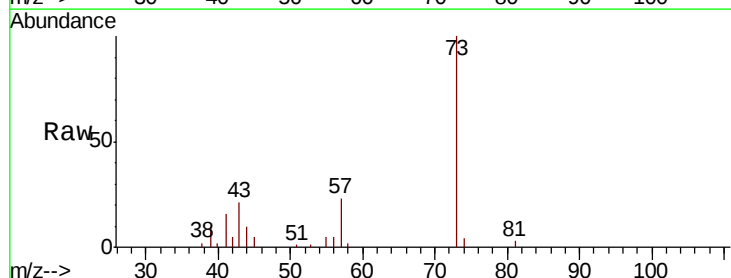
Tgt Ion: 73 Resp: 18322

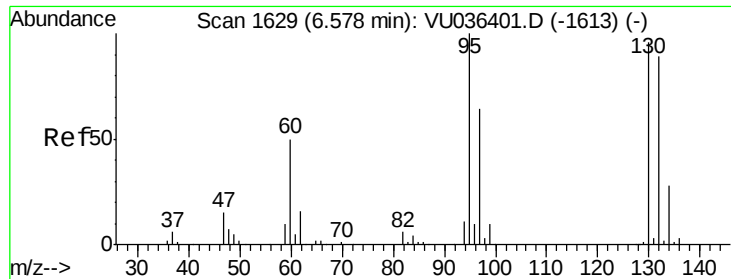
Ion Ratio Lower Upper

73 100

43 14.6 16.3 24.5#

57 10.7 17.7 26.5#

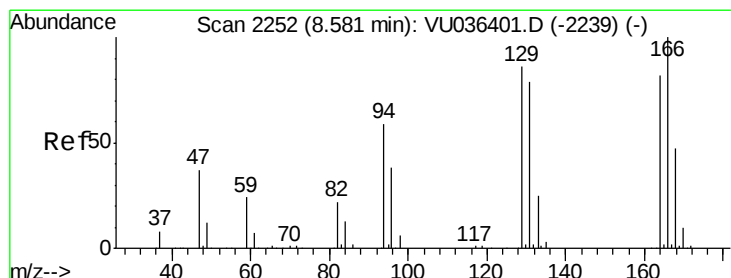
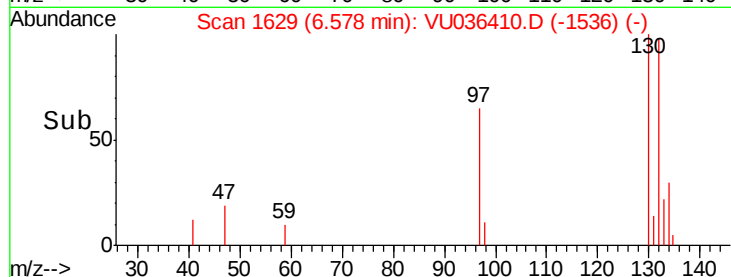
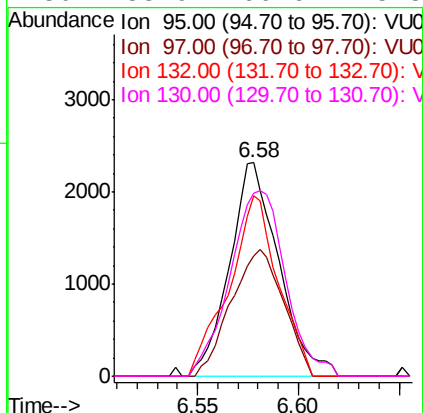
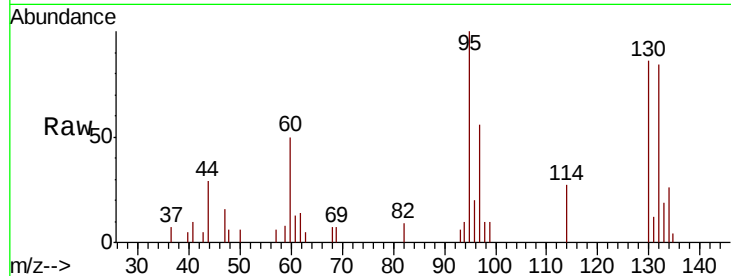




#34
 Trichloroethene
 Concen: 1.004 ug/L
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU036410.D
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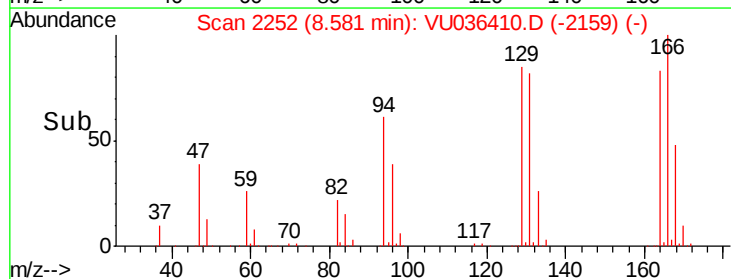
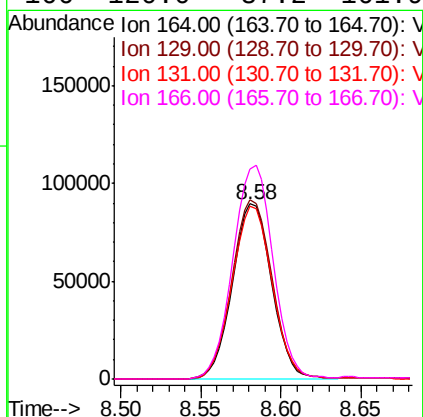
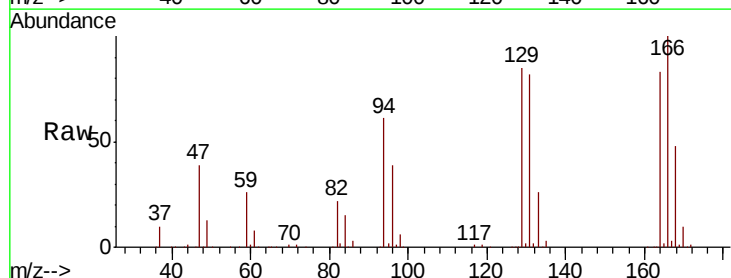
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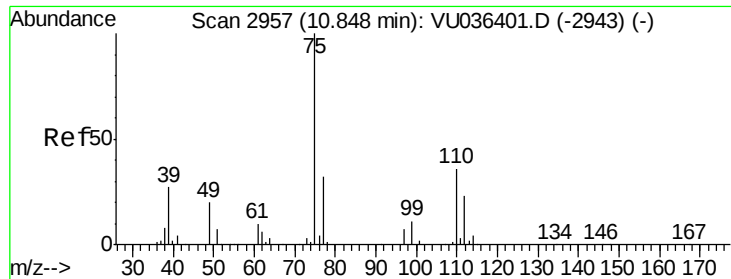
Tot Ion: 95 Resp: 3963
 Ion Ratio Lower Upper
 95 100
 97 56.1 44.5 82.7
 132 84.3 64.5 119.9
 130 85.9 66.6 123.8



#46
 Tetrachloroethene
 Concen: 52.791 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU036410.D
 Acq: 08 Jan 2020 16:35

Tgt Ion: 164 Resp: 149887
 Ion Ratio Lower Upper
 164 100
 129 102.0 70.0 130.0
 131 98.6 70.1 130.1
 166 120.0 87.2 161.9





#59

1,2,3-Trichloropropane

Concen: 5.068 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036410.D

Acq: 08 Jan 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 29472

Ion Ratio Lower Upper

75 100

77 38.3 26.3 39.5

