

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122719\
 Data File : VU036358.D
 Acq On : 27 Dec 2019 16:39
 Operator : JC/MD
 Sample : K6397-01DL 40X
 Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 00:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	536657	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	515940	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	223569	50.00	ug/L	0.00

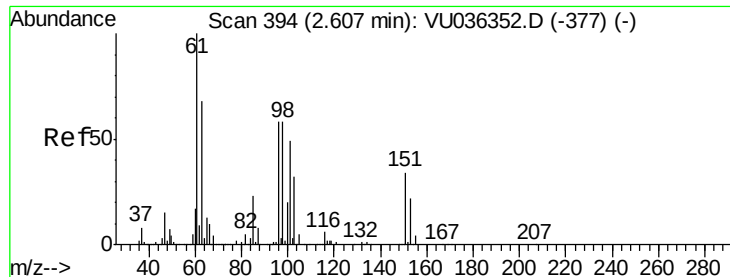
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	181357	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.93	69	156759	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.59	63	244640	34.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.68%
21) 2-Butanone-d5	4.68	46	272472	87.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.50%
24) Chloroform-d	5.11	84	320273	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.75	65	224716	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
32) Benzene-d6	5.77	84	664419	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
36) 1,2-Dichloropropane-d6	6.73	67	218451	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.93	98	623060	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	8.21	79	123464	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.67	63	243616	98.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.05%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	328307	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	12.22	152	225236	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2651	0.842 ug/L #	27
13) Acetone	2.66	43	7132	2.208 ug/L	99
25) Chloroform	5.13	83	13229	1.848 ug/L	76
44) trans-1,3-Dichloropropene	8.21	75	6619	1.034 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	32083	5.572 ug/L	89
69) Naphthalene	14.11	128	14970	1.198 ug/L	95

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.842 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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MSVOA_U

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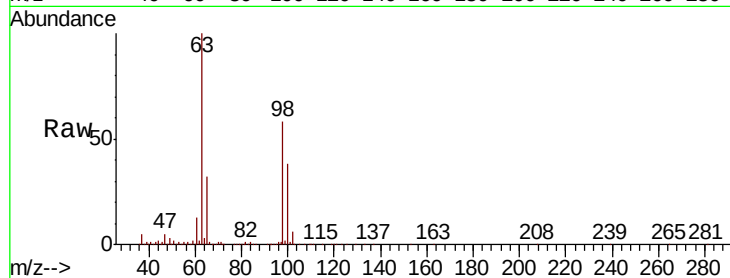
Tot Ion:101 Resp: 2651

Ion Ratio Lower Upper

101 100

85 8.4 37.1 55.7#

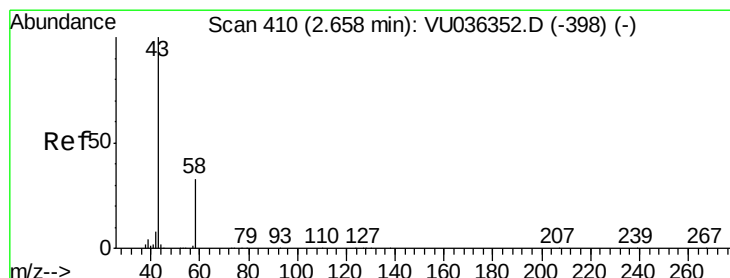
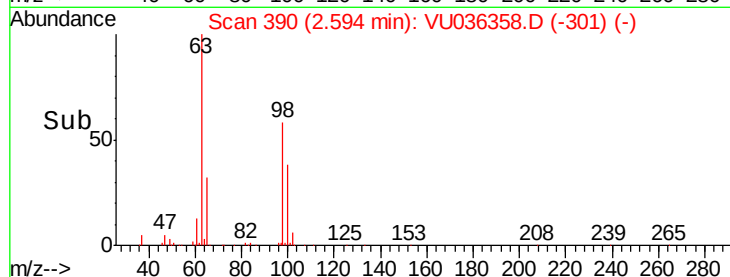
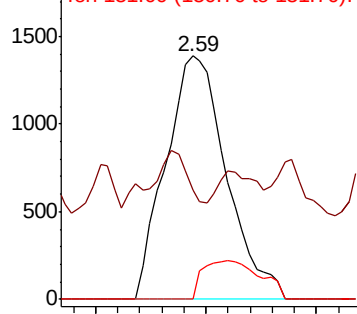
151 0.0 54.3 81.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.208 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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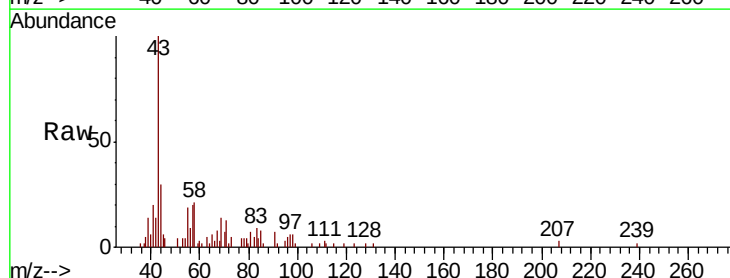
Acq: 27 Dec 2019 16:39

Tgt Ion: 43 Resp: 7132

Ion Ratio Lower Upper

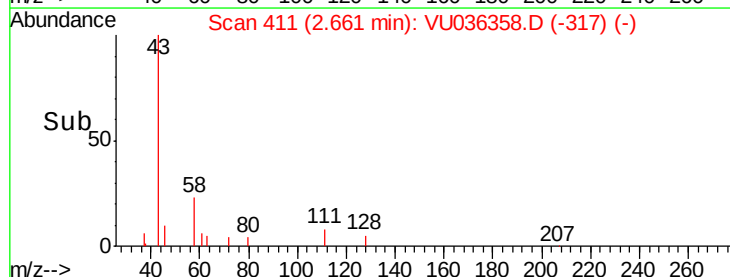
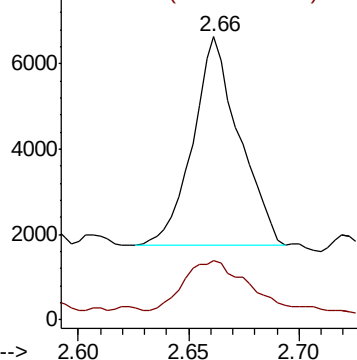
43 100

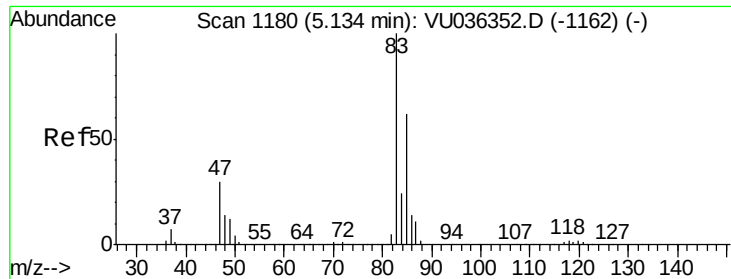
58 32.7 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

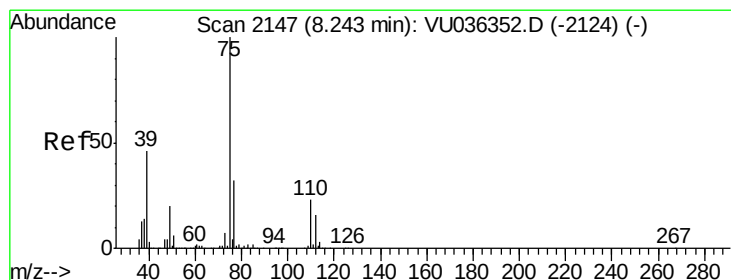
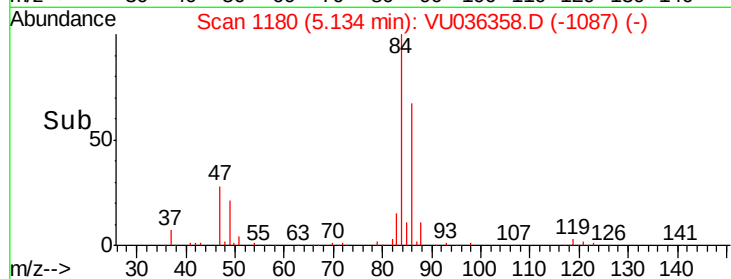
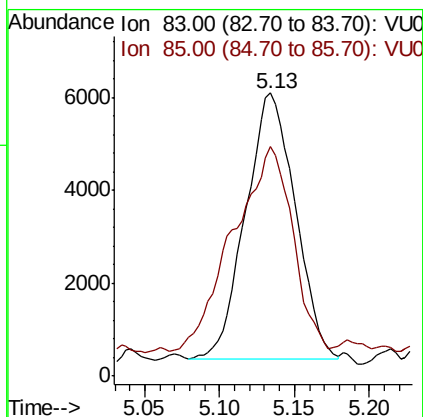
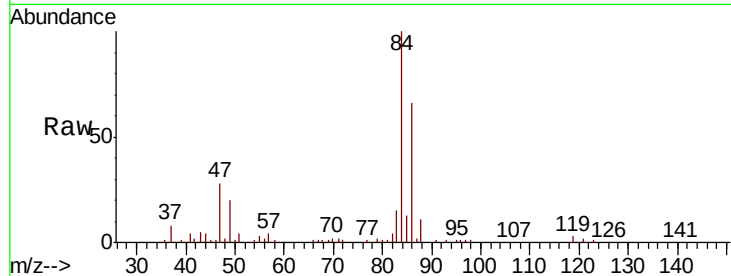




#25
Chloroform
Concen: 1.848 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036358.D
Acq: 27 Dec 2019 16:39

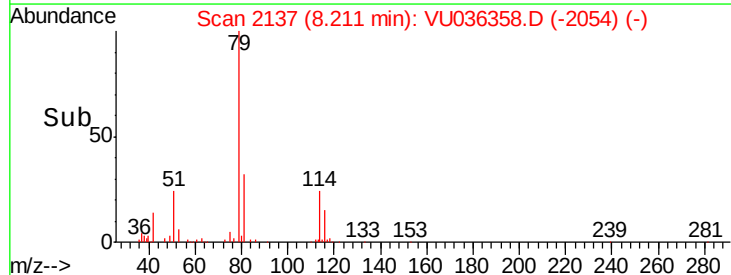
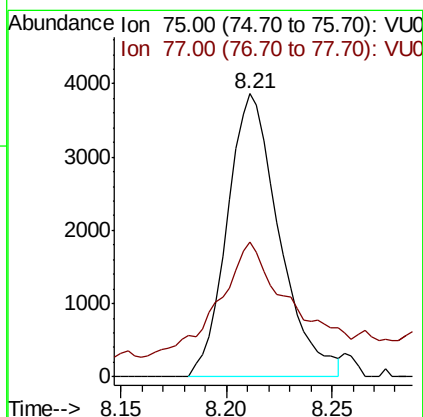
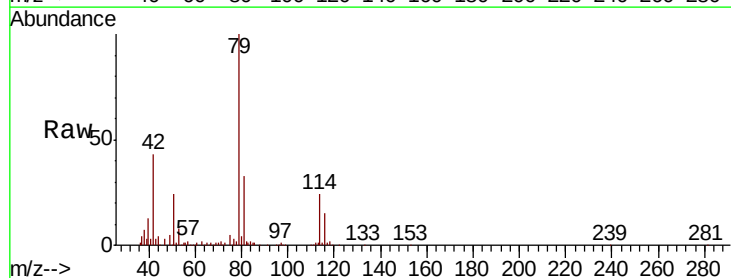
Instrument :
MSVOA_U
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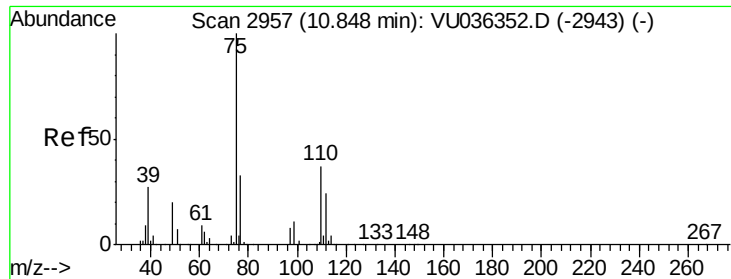
Tot Ion: 83 Resp: 13229
Ion Ratio Lower Upper
83 100
85 81.3 43.9 81.5



#44
trans-1,3-Dichloropropene
Concen: 1.034 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036358.D
Acq: 27 Dec 2019 16:39

Tgt Ion: 75 Resp: 6619
Ion Ratio Lower Upper
75 100
77 47.8 22.5 41.9#

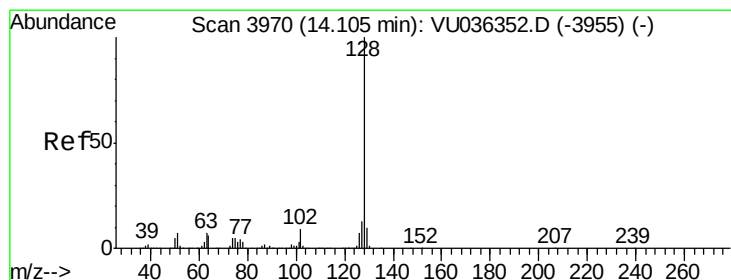
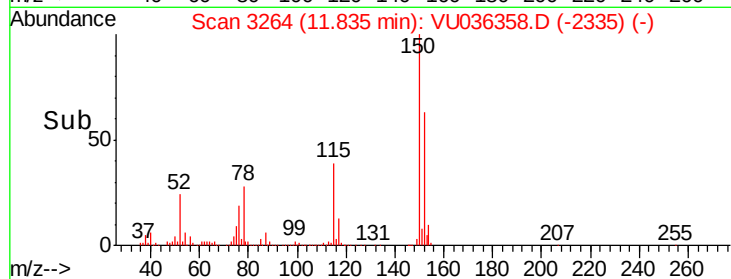
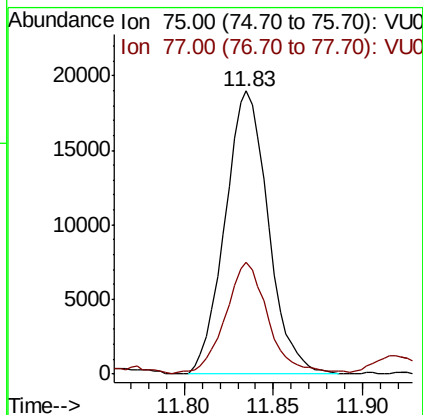
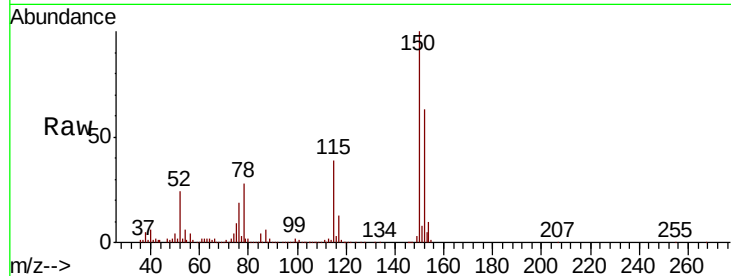




#59
 1,2,3-Trichloropropane
 Concen: 5.572 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036358.D
 Acq: 27 Dec 2019 16:39

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 32083
 Ion Ratio Lower Upper
 75 100
 77 39.1 26.3 39.5



#69
 Naphthalene
 Concen: 1.198 ug/L
 RT: 14.11 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VU036358.D
 Acq: 27 Dec 2019 16:39

Tgt Ion: 128 Resp: 14970
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.5 15.7
 129 12.5 8.5 12.7

