

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035669.D
 Acq On : 07 Nov 2019 18:59
 Operator : JC/SP
 Sample : K5739-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CR4

Quant Time: Nov 08 06:16:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	702337	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	673554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	195958	50.00	ug/L	0.00

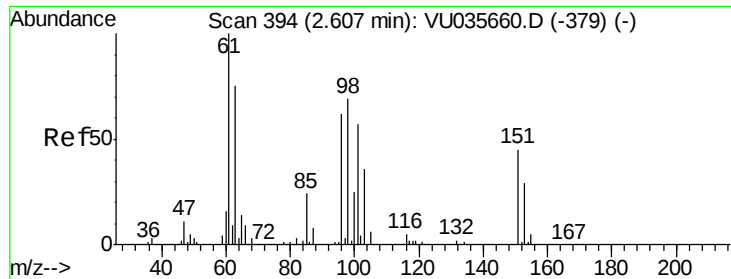
System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	276862	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.62%
7) Chloroethane-d5	1.93	69	229789	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.44%
11) 1,1-Dichloroethene-d2	2.60	63	325647	36.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.82%
21) 2-Butanone-d5	4.69	46	320828	96.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	5.11	84	434894	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	5.75	65	267258	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.77	84	920004	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.74	67	295432	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.78%
41) Toluene-d8	7.93	98	839754	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	8.21	79	128761	49.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.18%
47) 2-Hexanone-d5	8.68	63	209276	95.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	390664	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	12.22	152	218347	55.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.48%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3207	0.734 ug/L #	19
13) Acetone	2.67	43	5801	1.990 ug/L	100
25) Chloroform	5.14	83	56335	6.365 ug/L	96
48) 2-Hexanone	8.68	43	15146	2.746 ug/L #	63
59) 1,2,3-Trichloropropane	11.84	75	21421	3.241 ug/L	97

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



#10

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

Concen: 0.734 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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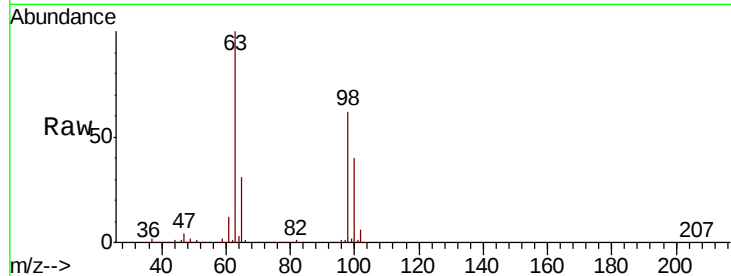
Tot Ion:101 Resp: 3207

Ion Ratio Lower Upper

101 100

85 2.3 34.0 51.0#

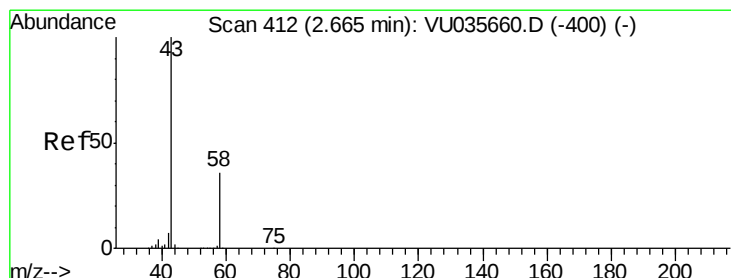
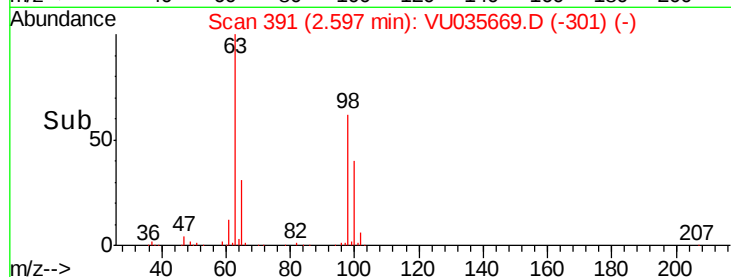
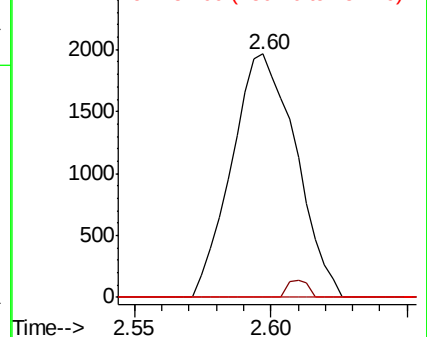
151 0.0 64.2 96.4#



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: 1.990 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

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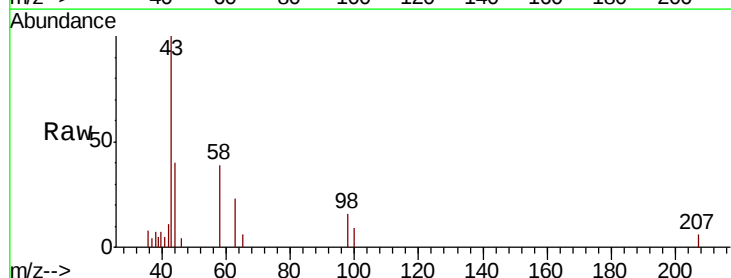
Acq: 07 Nov 2019 18:59

Tgt Ion: 43 Resp: 5801

Ion Ratio Lower Upper

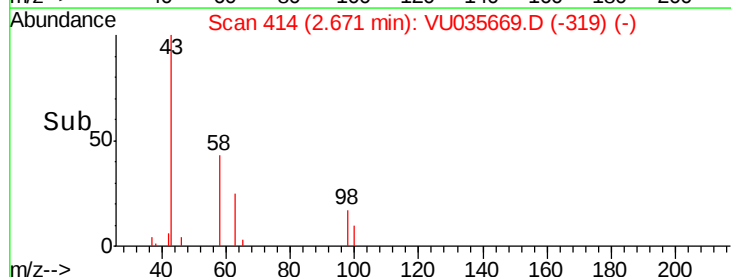
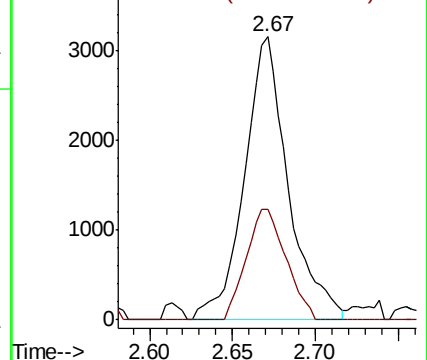
43 100

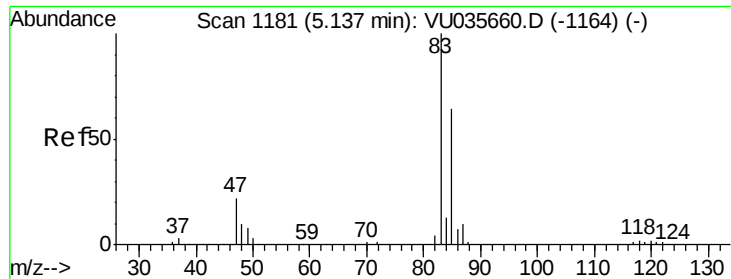
58 35.3 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

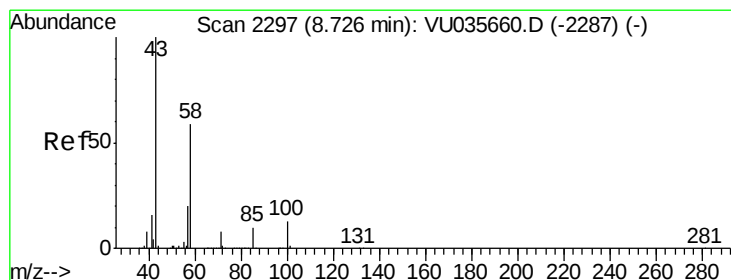
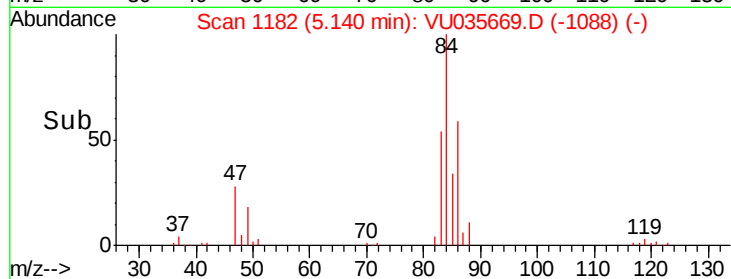
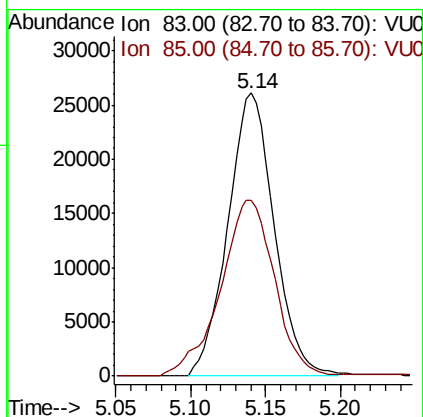
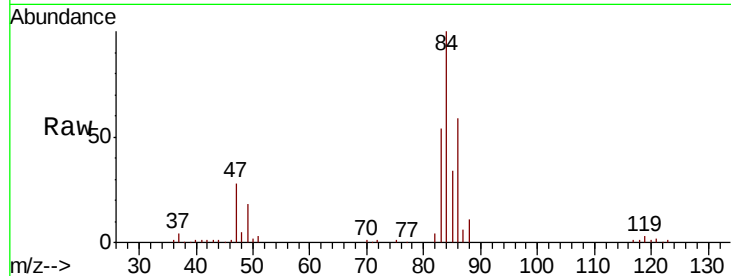




#25
Chloroform
Concen: 6.365 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035669.D
Acq: 07 Nov 2019 18:59

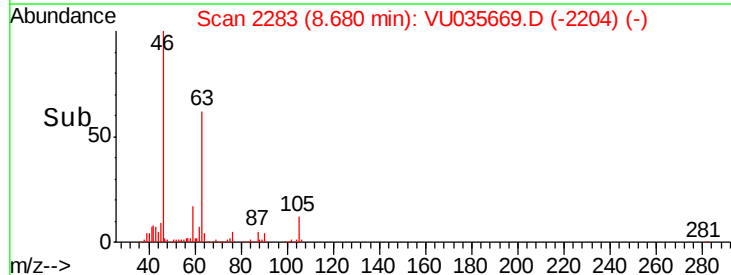
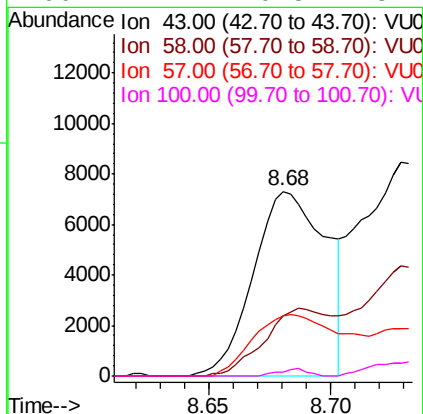
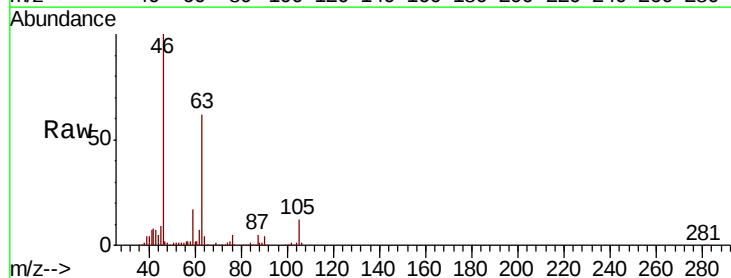
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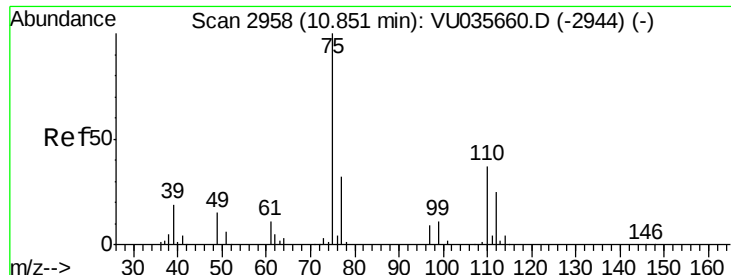
Tot Ion: 83 Resp: 56335
Ion Ratio Lower Upper
83 100
85 62.0 45.4 84.4



#48
2-Hexanone
Concen: 2.746 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.05 min
Lab File: VU035669.D
Acq: 07 Nov 2019 18:59

Tgt Ion: 43 Resp: 15146
Ion Ratio Lower Upper
43 100
58 34.6 50.4 75.6#
57 42.5 17.4 26.0#
100 1.2 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 3.241 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035669.D

Acq: 07 Nov 2019 18:59

Instrument :

MSVOA_U

ClientSampleId :

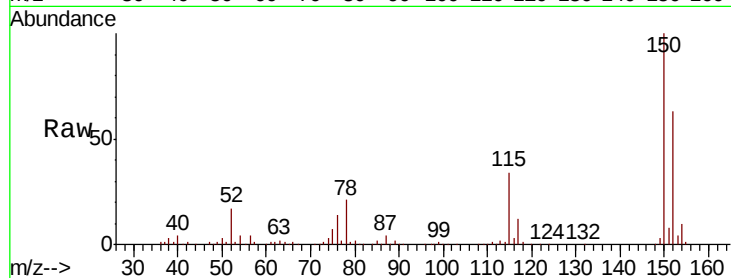
C0CR4

Tot Ion: 75 Resp: 21421

Ion Ratio Lower Upper

75 100

77 33.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

