

Data File : VU033869.D
Acq On : 21 Aug 2019 13:40
Operator : JC/SP
Sample : K4420-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B70

Quant Time: Aug 22 05:47:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 05:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	389786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	399835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161209	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.67	69	143406	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.44%
11) 1,1-Dichloroethene-d2	2.25	63	215649	36.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.58%
21) 2-Butanone-d5	4.15	46	174667	94.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.97%
24) Chloroform-d	4.62	84	262233	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.29	65	174700	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.32	84	525337	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.31	67	171917	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.55	98	458631	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.83	79	74397	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.88%
47) 2-Hexanone-d5	8.30	63	112524	84.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236566	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	172696	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

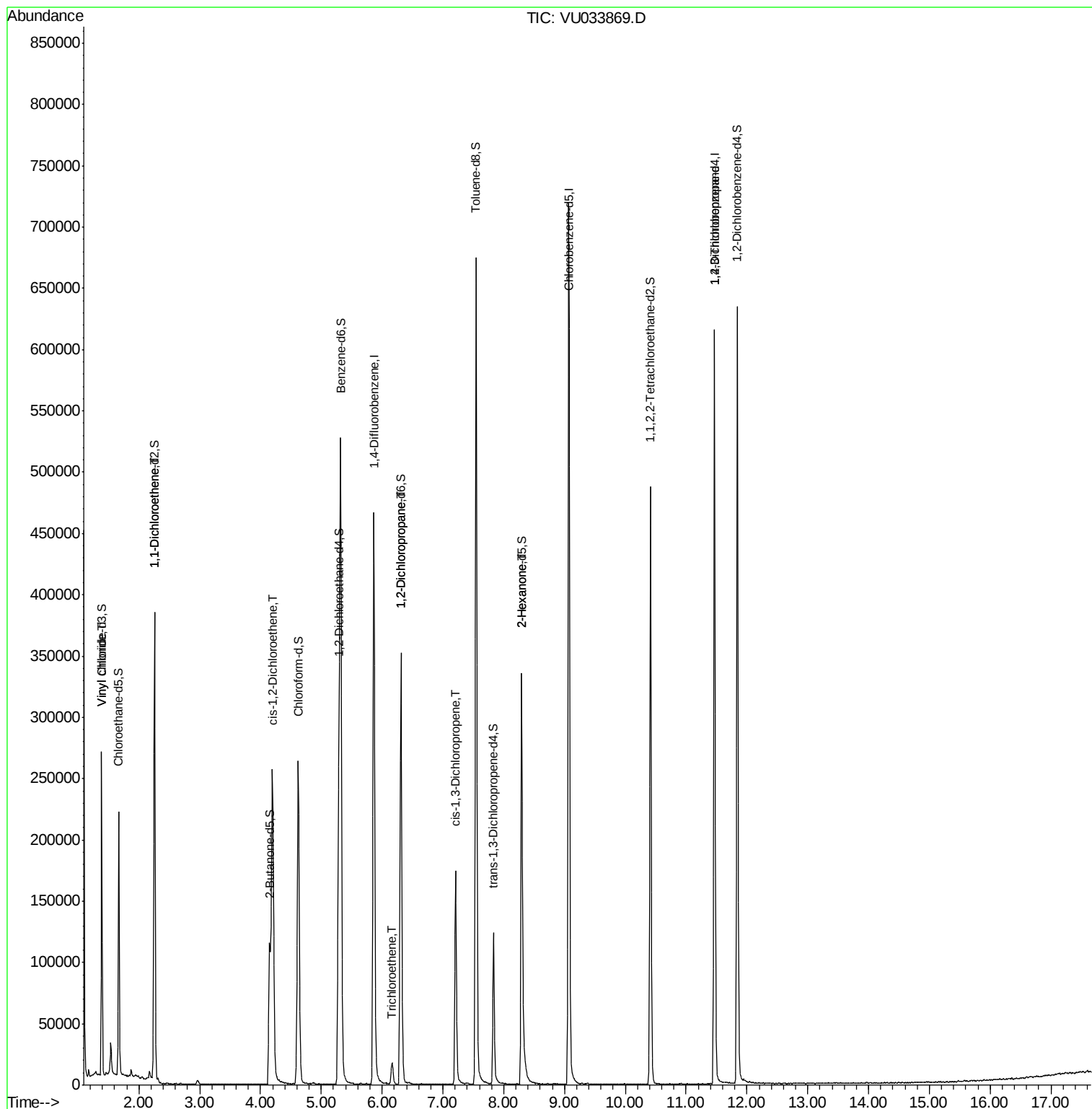
					Qvalue
5) Vinyl chloride	1.39	62	8607	1.966 ug/L #	47
12) 1,1-Dichloroethene	2.26	96	2211	0.821 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	139394	45.886 ug/L	98
34) Trichloroethene	6.17	95	4578	1.420 ug/L	96
37) 1,2-Dichloropropane	6.31	63	18973	5.737 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4519	0.937 ug/L #	62
48) 2-Hexanone	8.30	43	15327	5.035 ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	19298	4.817 ug/L #	88

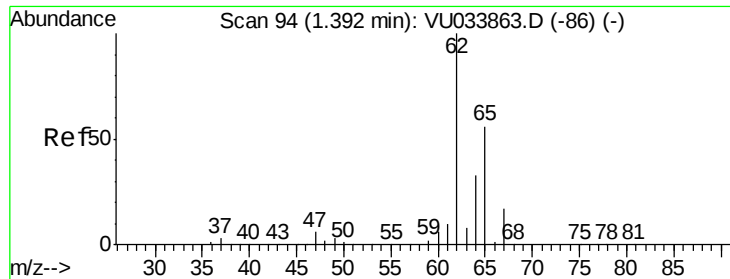
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.966 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

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Acq: 21 Aug 2019 13:40

Instrument :

MSVOA_U

ClientSampleId :

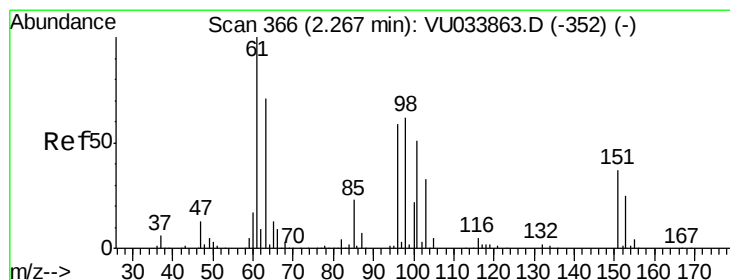
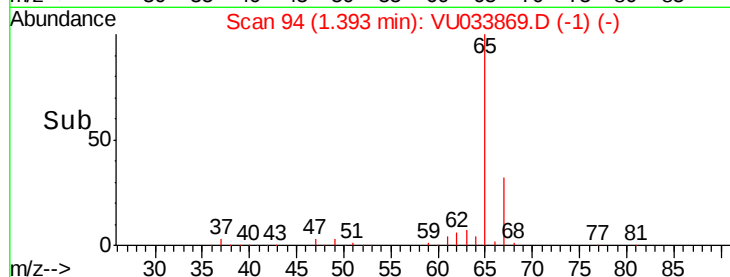
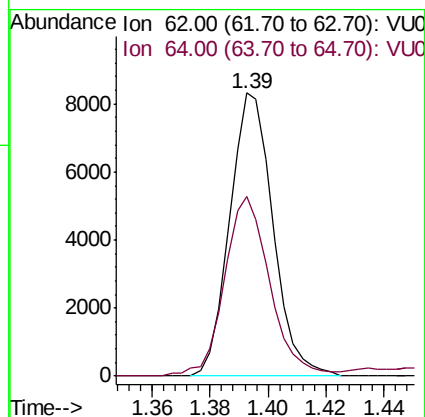
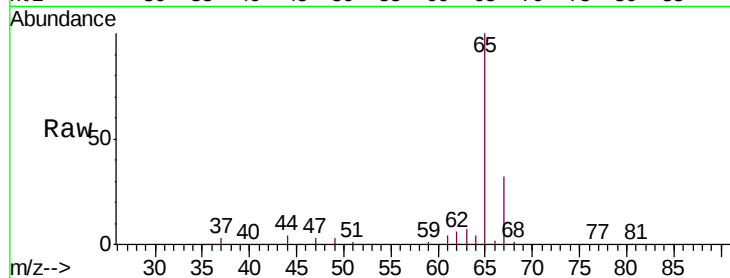
F2B70

Tgt Ion: 62 Resp: 8607

Ion Ratio Lower Upper

62 100

64 63.6 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 0.821 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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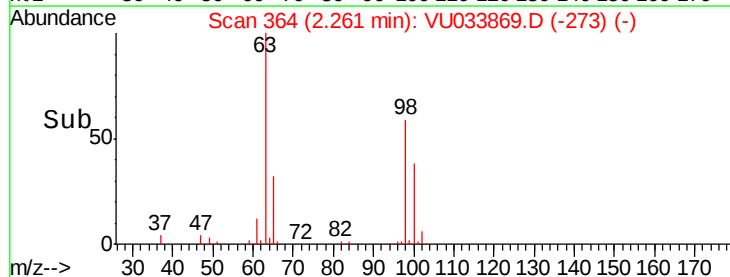
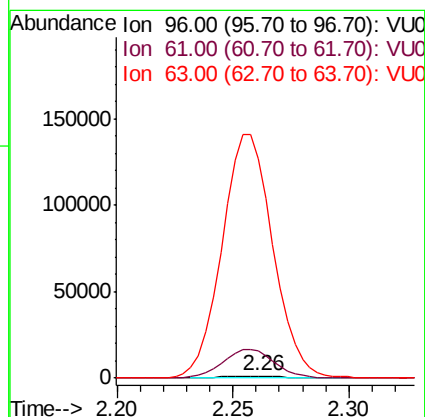
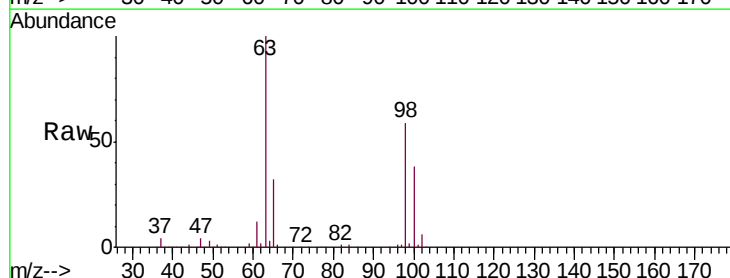
Tgt Ion: 96 Resp: 2211

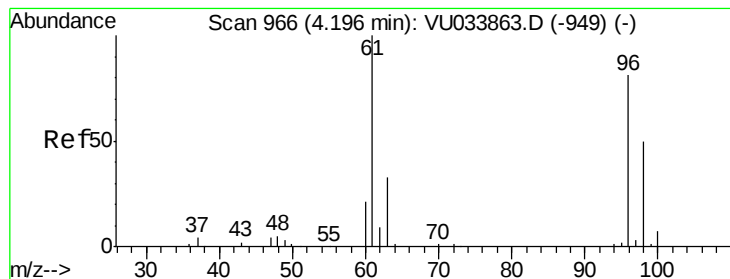
Ion Ratio Lower Upper

96 100

61 1327.3 123.7 229.7#

63 10902.9 91.2 169.4#



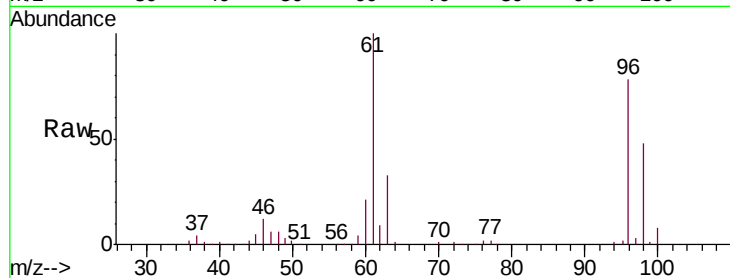


#20

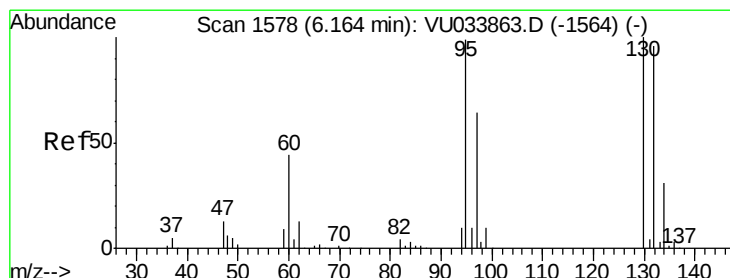
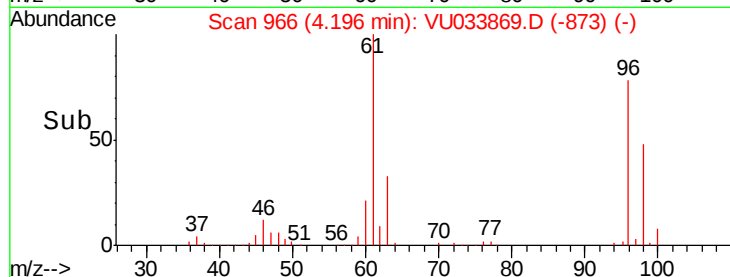
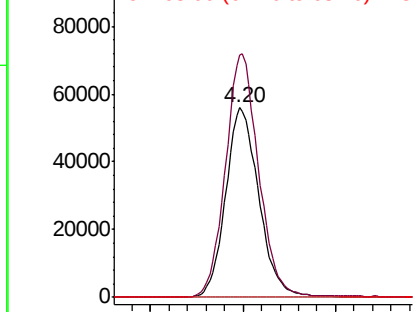
cis-1,2-Dichloroethene
Concen: 45.886 ug/L
RT: 4.20 min Scan# 966
Delta R.T. 0.00 min
Lab File: VU033869.D
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MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 139394
Ion Ratio Lower Upper
96 100
61 128.2 88.2 163.8
68 0.0 0.0 0.0



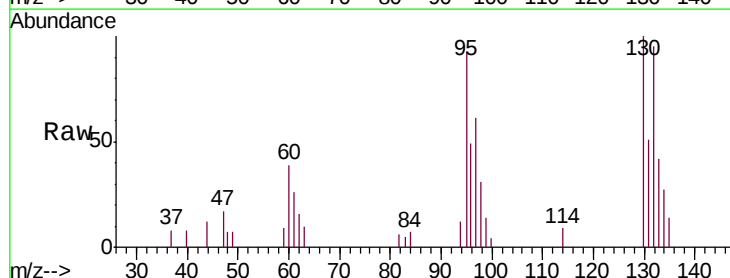
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



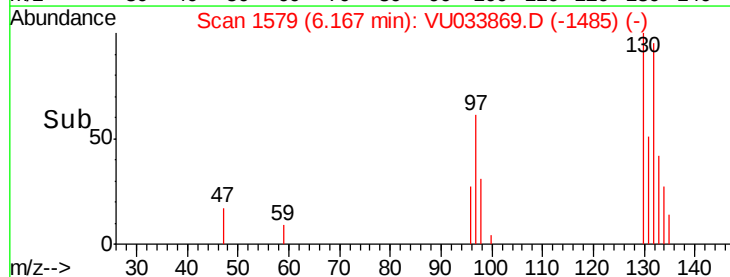
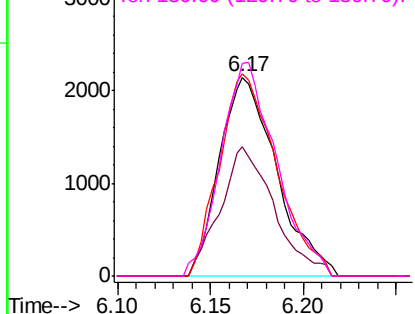
#34

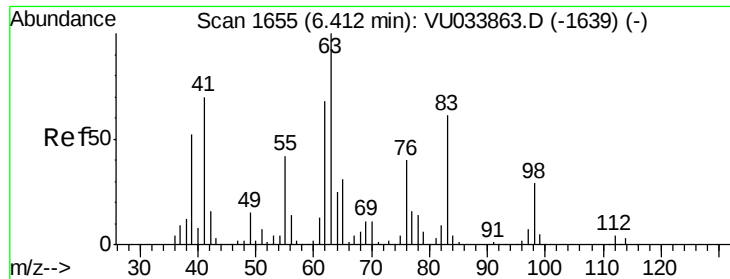
Trichloroethene
Concen: 1.420 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033869.D
Acq: 21 Aug 2019 13:40

Tgt Ion: 95 Resp: 4578
Ion Ratio Lower Upper
95 100
97 65.0 46.3 86.1
132 101.8 67.9 126.1
130 107.2 72.0 133.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

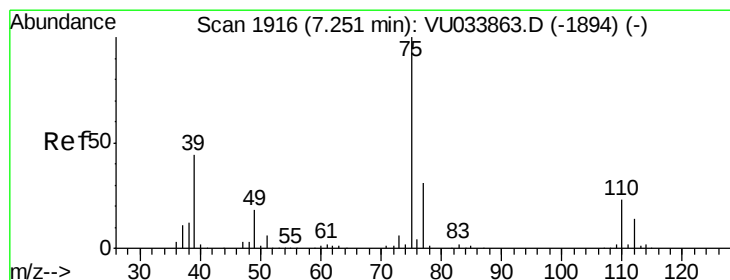
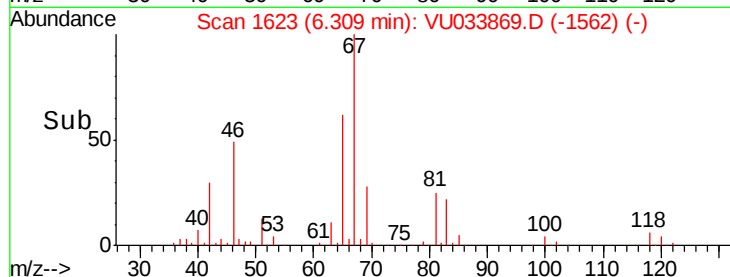
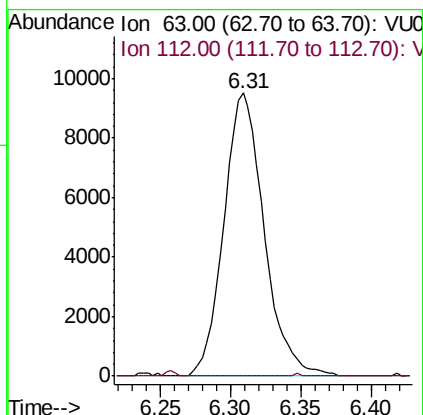
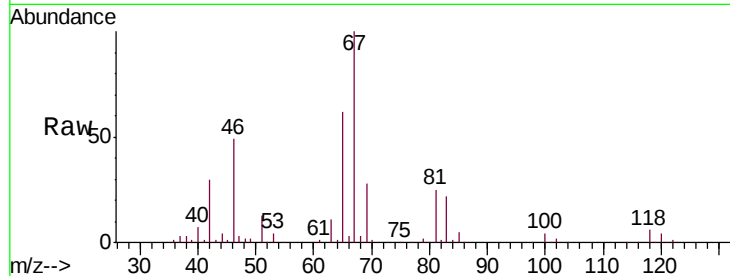




#37
 1,2-Dichloropropane
 Concen: 5.737 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033869.D
 Acq: 21 Aug 2019 13:40

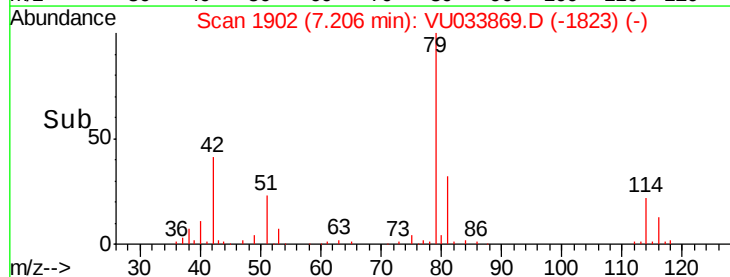
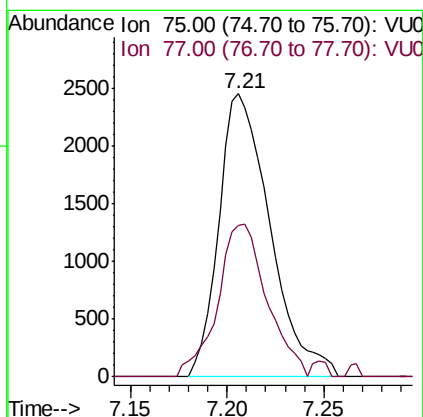
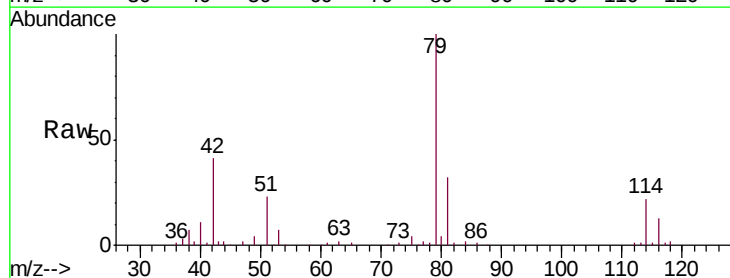
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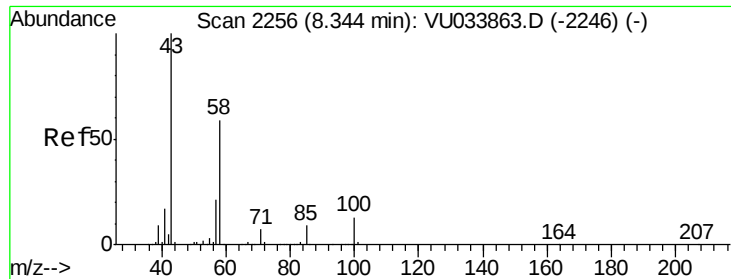
Tgt Ion: 63 Resp: 18973
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.937 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033869.D
 Acq: 21 Aug 2019 13:40

Tgt Ion: 75 Resp: 4519
 Ion Ratio Lower Upper
 75 100
 77 53.6 22.5 41.7#

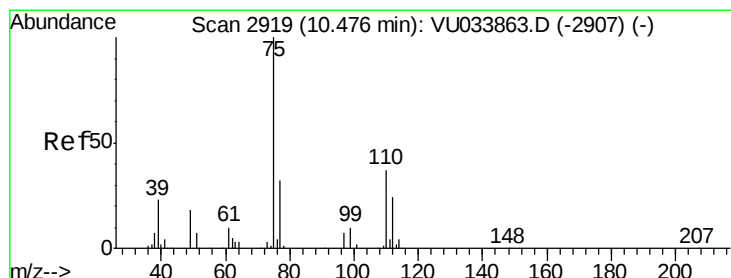
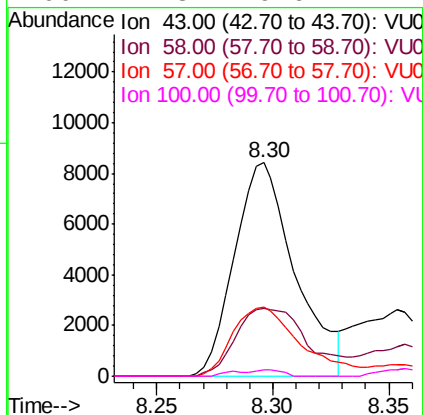
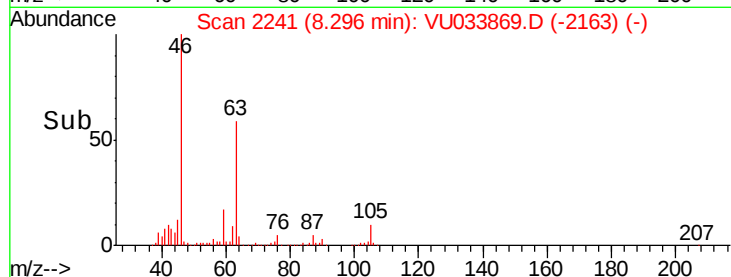
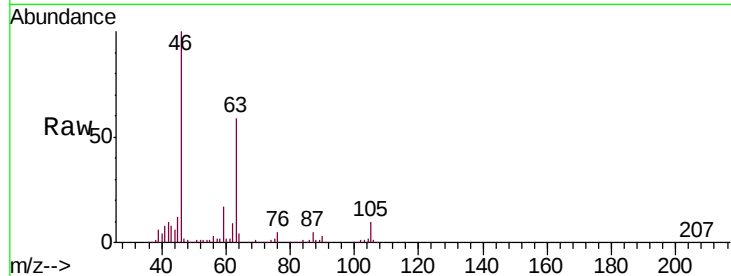




#48
2-Hexanone
Concen: 5.035 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033869.D
Acq: 21 Aug 2019 13:40

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	43	Resp:	15327
Ion	Ratio	Lower	Upper
43	100		
58	34.5	45.0	67.4#
57	36.5	15.4	23.0#
100	1.3	9.6	14.4#



#59
1,2,3-Trichloropropane
Concen: 4.817 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033869.D
Acq: 21 Aug 2019 13:40

Tgt Ion:	75	Resp:	19298
Ion	Ratio	Lower	Upper
75	100		
77	39.0	26.0	39.0#

