

Data File : VU028939.D
Acq On : 24 Dec 2018 11:53
Operator : MD/SY
Sample : J6542-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F83

Quant Time: Dec 25 00:06:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	210320	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193379	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82956	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75927	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.06%
7) Chloroethane-d5	1.67	69	65439	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	111810	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.86%
21) 2-Butanone-d5	4.17	46	126801	107.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	4.65	84	143480	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
26) 1,2-Dichloroethane-d4	5.31	65	90368	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
32) Benzene-d6	5.34	84	316580	57.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.90%
36) 1,2-Dichloropropane-d6	6.33	67	104447	56.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.56%
41) Toluene-d8	7.56	98	290552	58.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.38%
43) trans-1,3-Dichloropropene-	7.85	79	47598	57.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.48%
47) 2-Hexanone-d5	8.31	63	104812	118.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146734	56.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	106836	63.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.36%#

Target Compounds

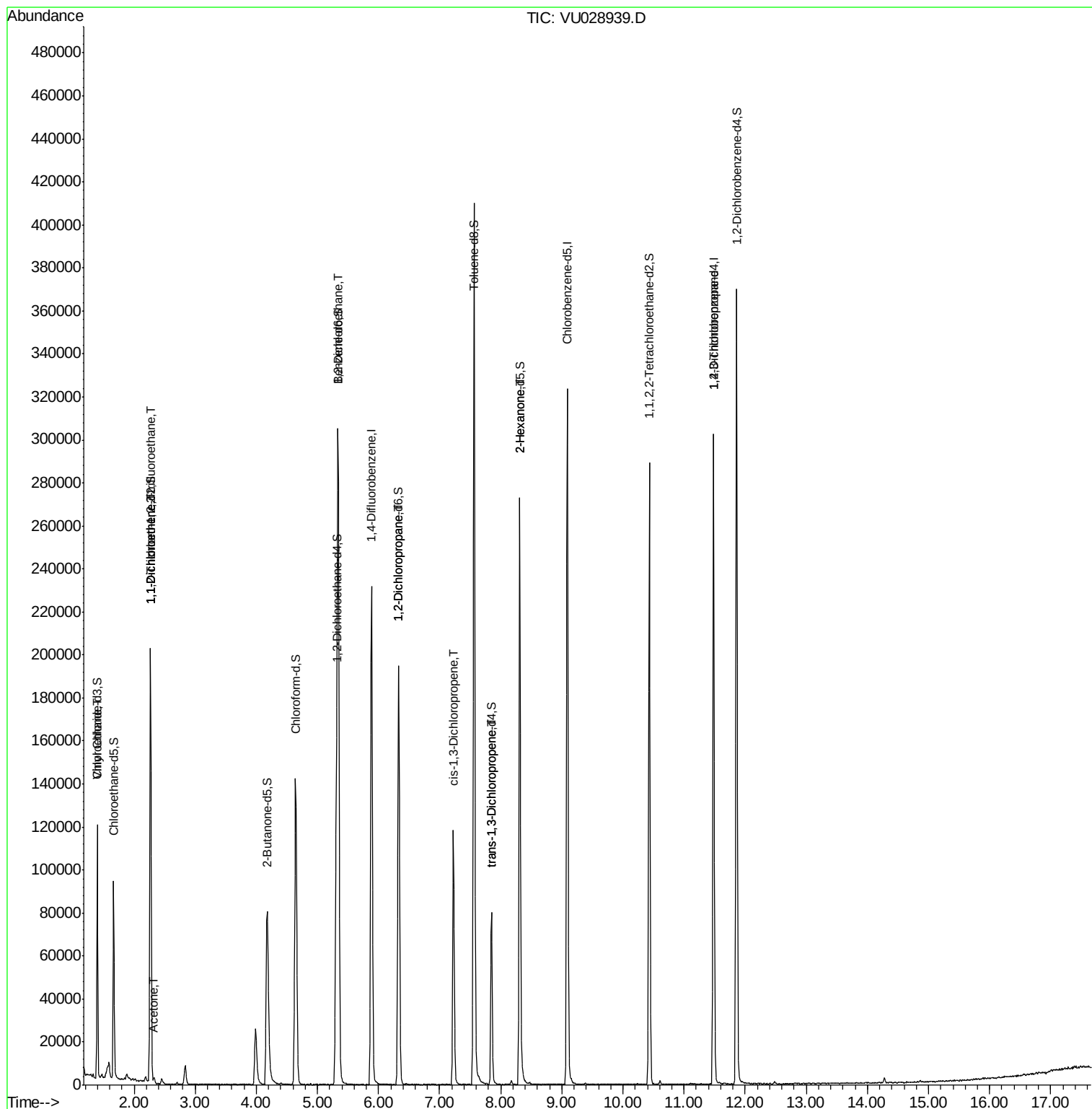
					Qvalue	
8) Chloroethane	1.40	64	1101	0.936	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1120	0.822	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	908	0.673	ug/L #	1
13) Acetone	2.32	43	1525	1.267	ug/L	85
27) 1,2-Dichloroethane	5.34	62	1340	0.667	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	10030	5.828	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2474	1.008	ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1740	0.796	ug/L #	68
48) 2-Hexanone	8.31	43	10211	5.378	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	9200	4.480	ug/L	94

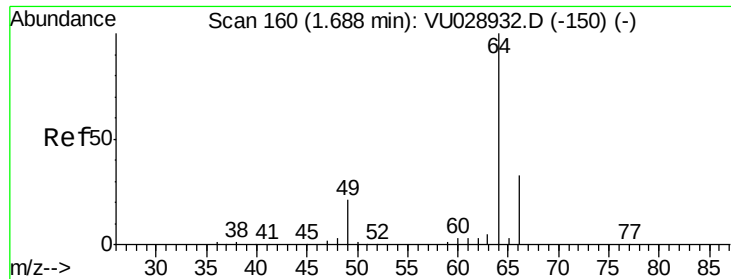
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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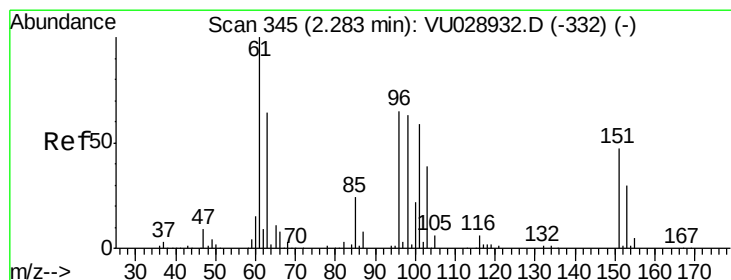
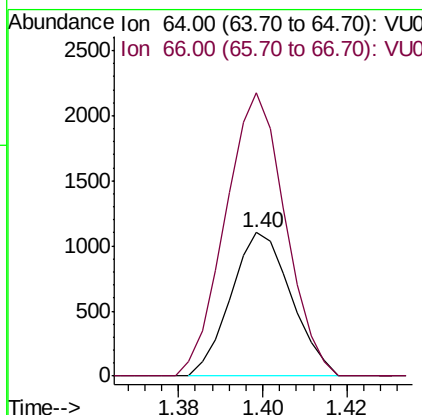
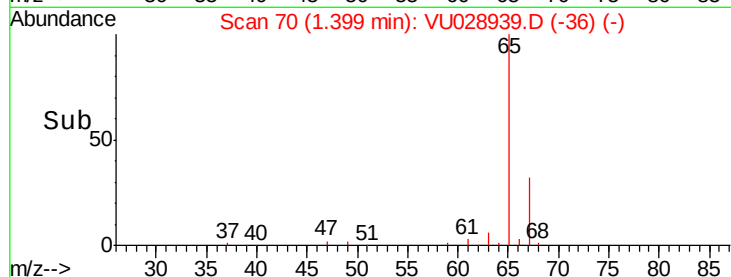
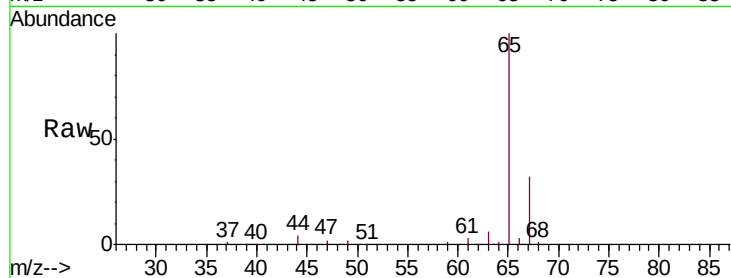




#8
Chloroethane
Concen: 0.936 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028939.D
Acq: 24 Dec 2018 11:53

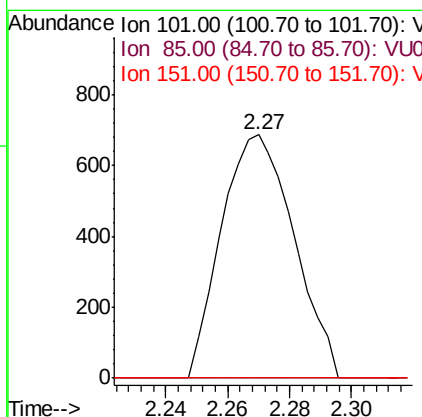
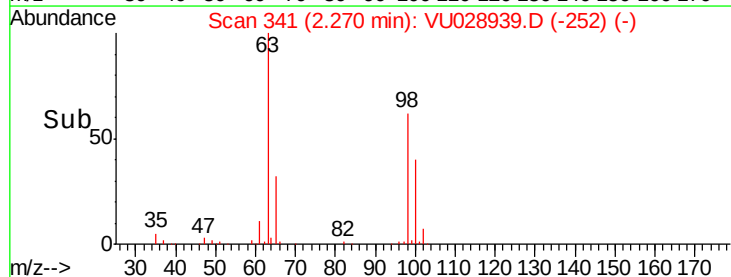
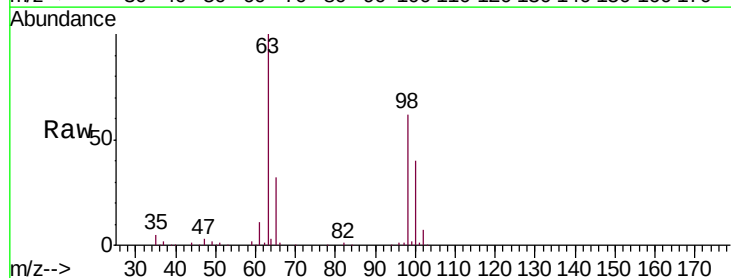
Instrument :
MSVOA_U
ClientSampleId :
F9F83

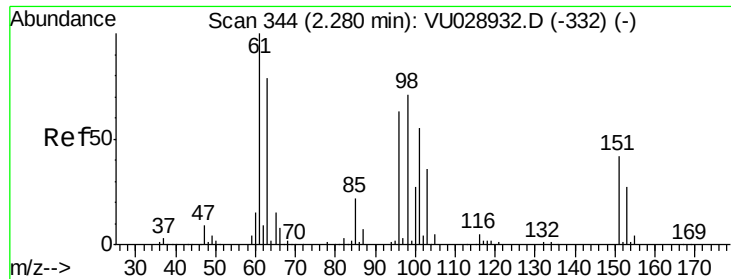
Tgt Ion: 64 Resp: 1101
Ion Ratio Lower Upper
64 100
66 197.4 21.5 39.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.822 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028939.D
Acq: 24 Dec 2018 11:53

Tgt Ion: 101 Resp: 1120
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#

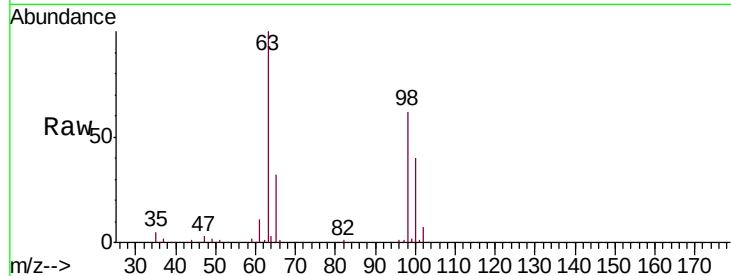




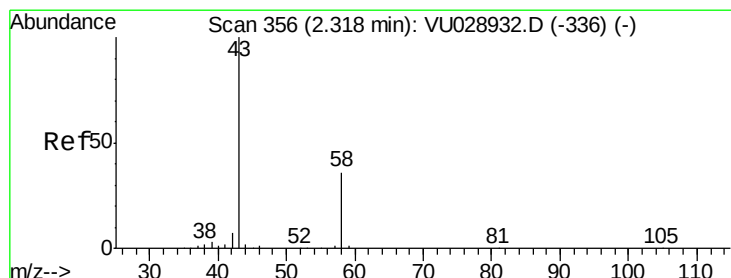
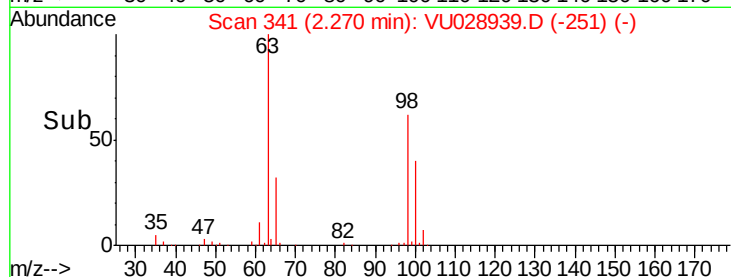
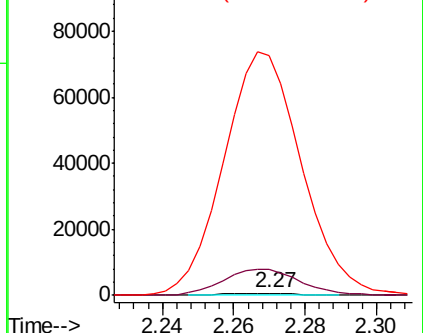
#12
 1,1-Dichloroethene
 Concen: 0.673 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU028939.D
 Acq: 24 Dec 2018 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F83

Tgt Ion: 96 Resp: 908
 Ion Ratio Lower Upper
 96 100
 61 1182.0 119.3 221.5#
 63 11057.5 107.4 199.6#

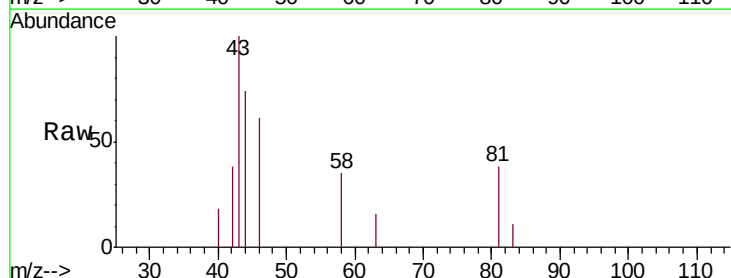


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

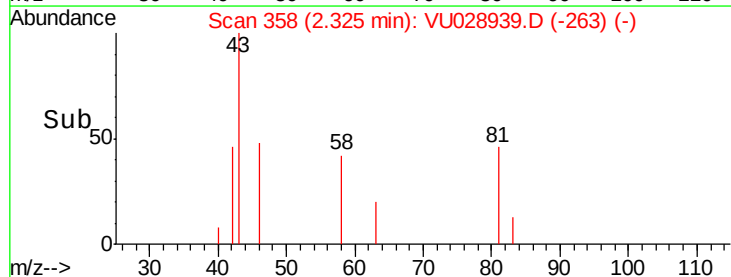
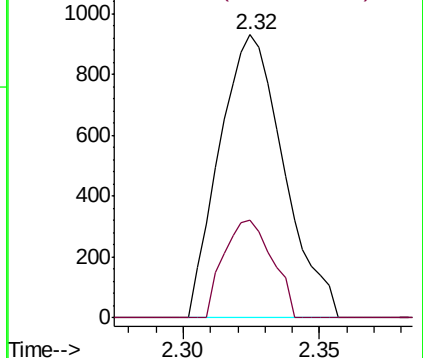


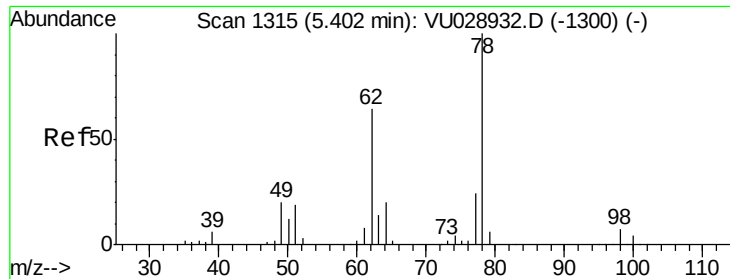
#13
 Acetone
 Concen: 1.267 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VU028939.D
 Acq: 24 Dec 2018 11:53

Tgt Ion: 43 Resp: 1525
 Ion Ratio Lower Upper
 43 100
 58 26.1 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

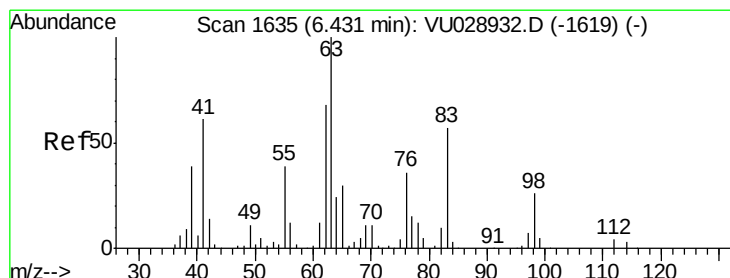
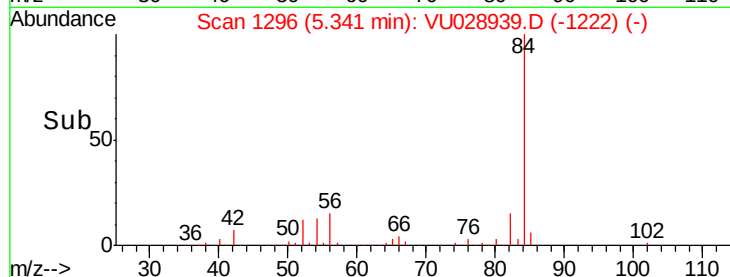
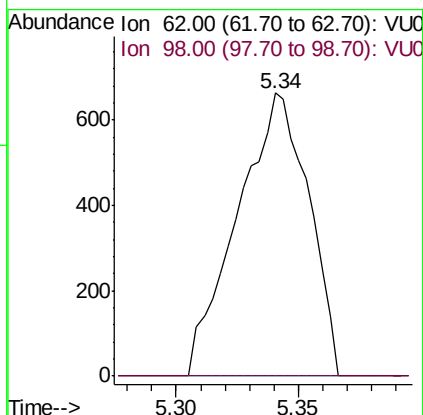
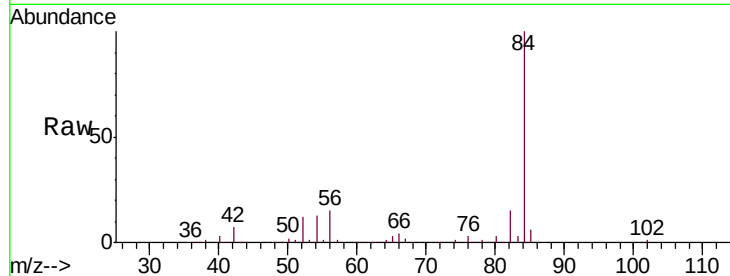




#27
 1,2-Dichloroethane
 Concen: 0.667 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU028939.D
 Acq: 24 Dec 2018 11:53

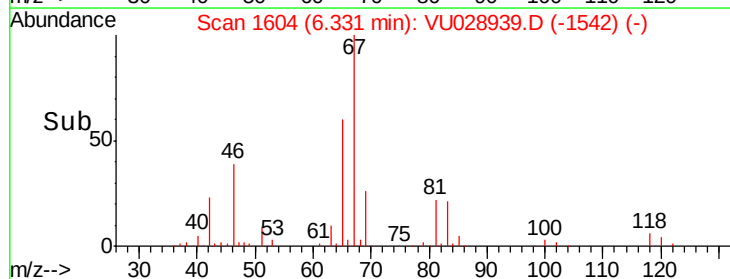
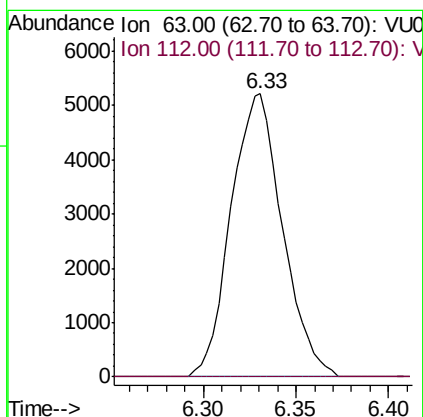
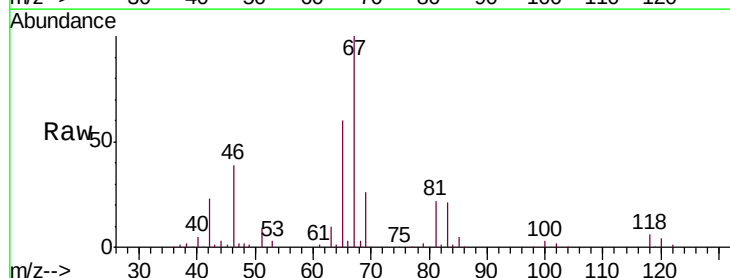
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F83

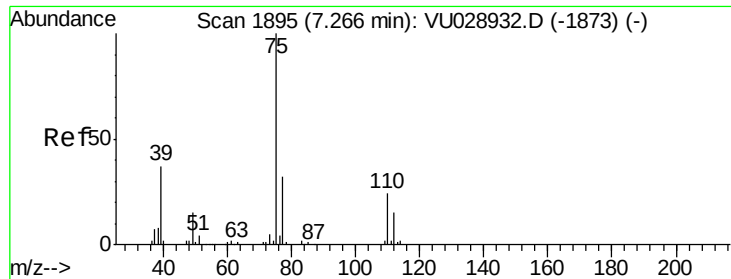
Tgt Ion: 62 Resp: 1340
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#37
 1,2-Dichloropropane
 Concen: 5.828 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028939.D
 Acq: 24 Dec 2018 11:53

Tgt Ion: 63 Resp: 10030
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



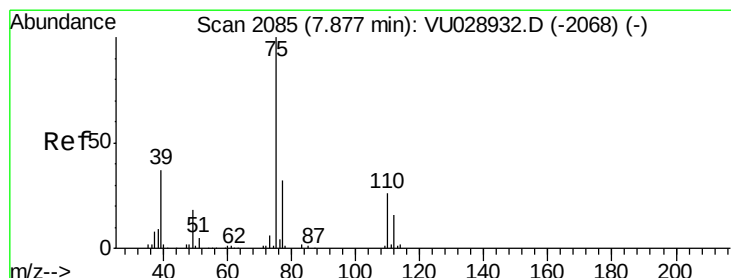
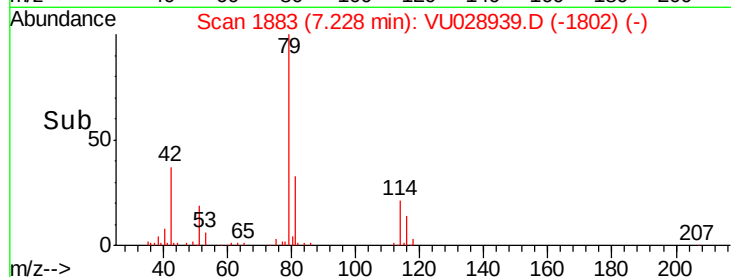
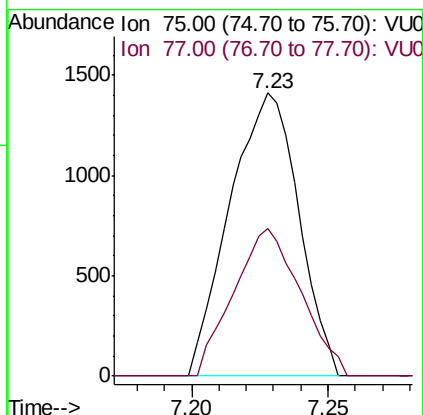
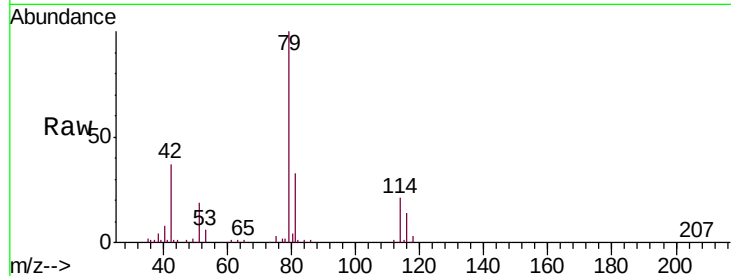


#39

cis-1,3-Dichloropropene
Concen: 1.008 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028939.D
Acq: 24 Dec 2018 11:53

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ClientSampleId :
F9F83

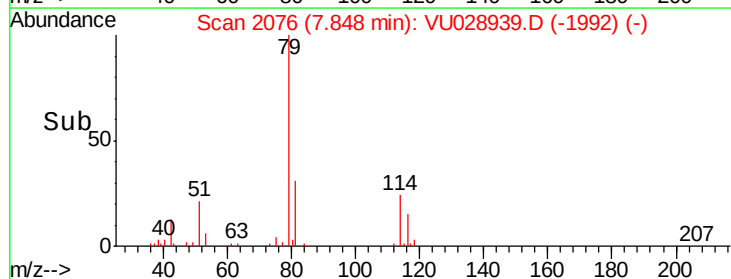
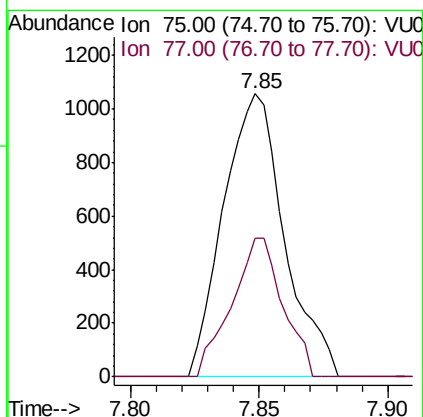
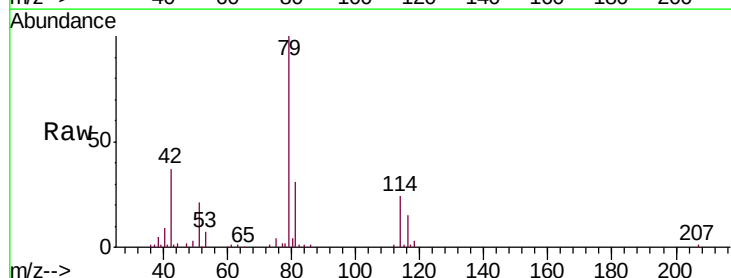
Tgt Ion: 75 Resp: 2474
Ion Ratio Lower Upper
75 100
77 52.2 21.8 40.6#

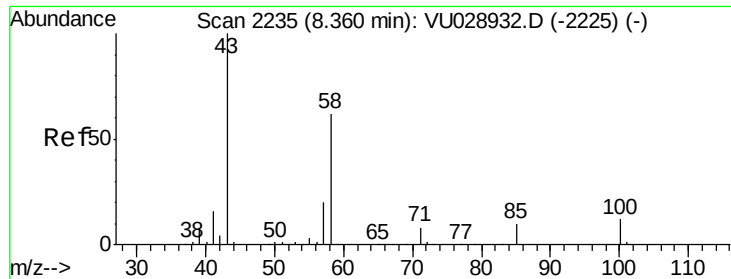


#44

trans-1,3-Dichloropropene
Concen: 0.796 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028939.D
Acq: 24 Dec 2018 11:53

Tgt Ion: 75 Resp: 1740
Ion Ratio Lower Upper
75 100
77 48.8 21.8 40.6#

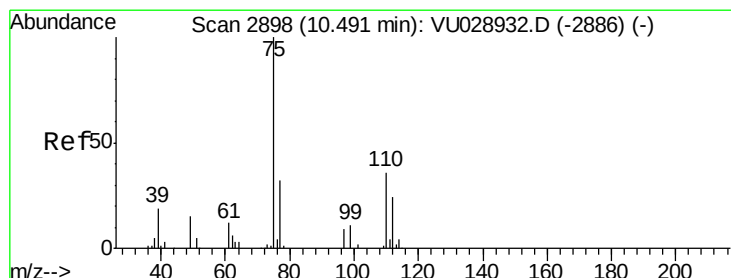
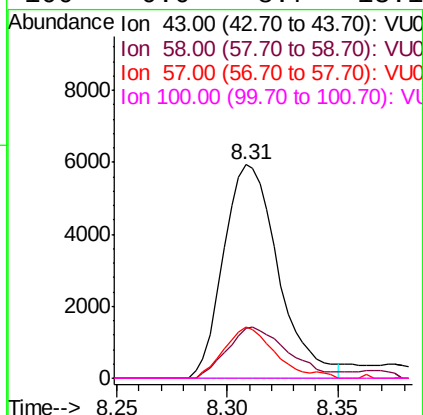
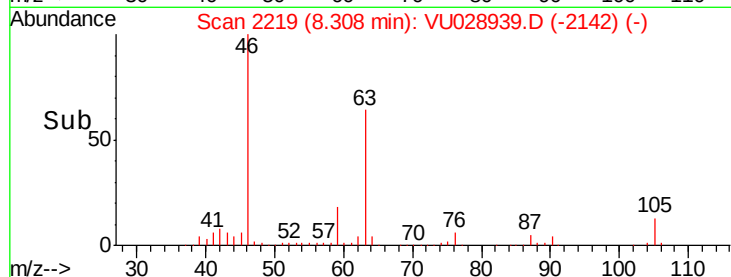
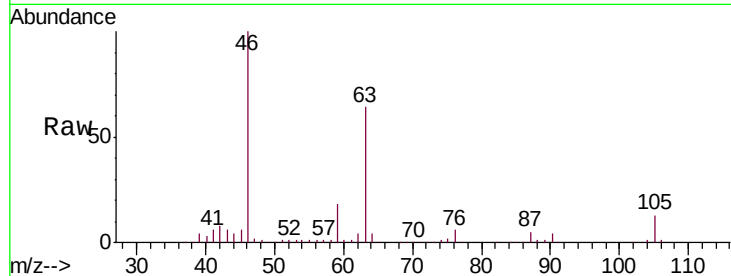




#48
2-Hexanone
Concen: 5.378 ug/L
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 10211
Ion Ratio Lower Upper
43 100
58 26.3 45.9 68.9#
57 21.6 15.0 22.4
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 4.480 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028939.D
Acq: 24 Dec 2018 11:53

Tgt Ion: 75 Resp: 9200
Ion Ratio Lower Upper
75 100
77 35.5 25.5 38.3

