

Data File : VU032659.D
Acq On : 12 Jun 2019 18:02
Operator : JC/SP
Sample : K3313-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLY1

Quant Time: Jun 13 06:01:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	173530	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50073	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.96%
7) Chloroethane-d5	1.68	69	40437	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.38%
11) 1,1-Dichloroethene-d2	2.27	63	76130	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	4.17	46	88768	94.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.64	84	97571	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.30	65	64709	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
32) Benzene-d6	5.33	84	197444	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.32	67	63314	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.56	98	177961	43.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.78%
43) trans-1,3-Dichloropropene-	7.85	79	27355	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.24%
47) 2-Hexanone-d5	8.31	63	55142	84.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87658	45.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	73561	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

Target Compounds

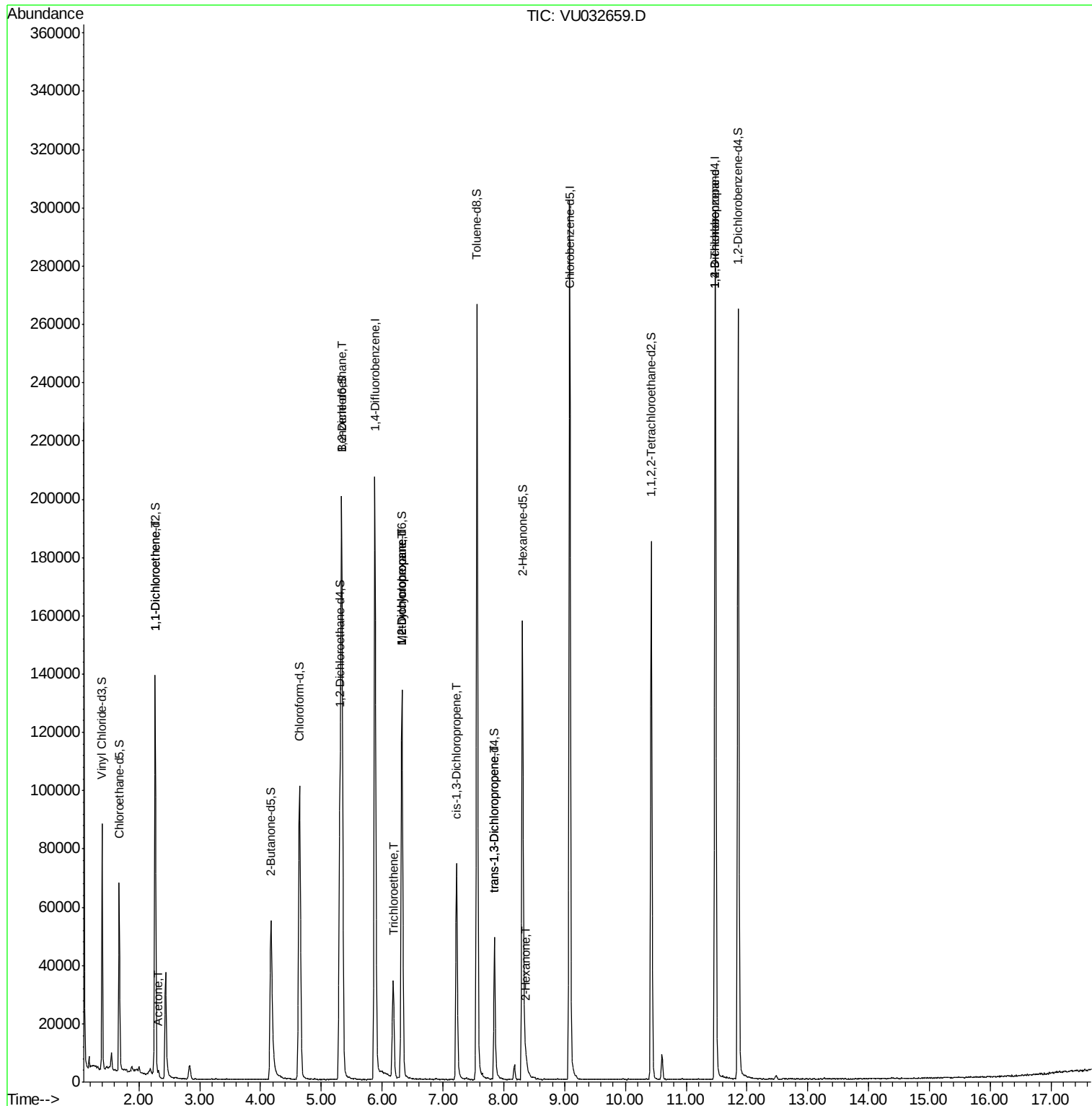
					Qvalue
12) 1,1-Dichloroethene	2.28	96	1141	1.108 ug/L #	1
13) Acetone	2.32	43	1766	1.817 ug/L	95
27) 1,2-Dichloroethane	5.34	62	1123	0.677 ug/L #	75
34) Trichloroethene	6.18	95	10444	8.294 ug/L	97
35) Methylcyclohexane	6.32	83	14567	7.146 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	6869	5.598 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1990	1.028 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1394	0.811 ug/L	87
48) 2-Hexanone	8.37	43	2625	1.619 ug/L #	43
59) 1,2,3-Trichloropropane	11.48	75	9650	6.050 ug/L	90

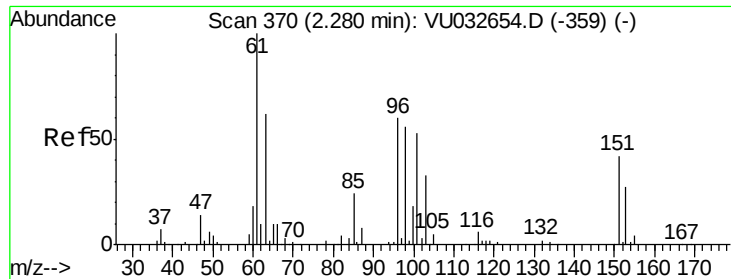
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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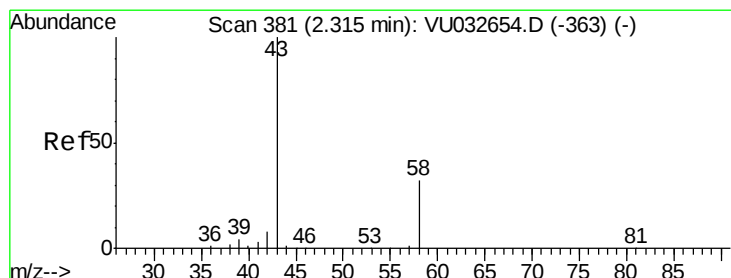
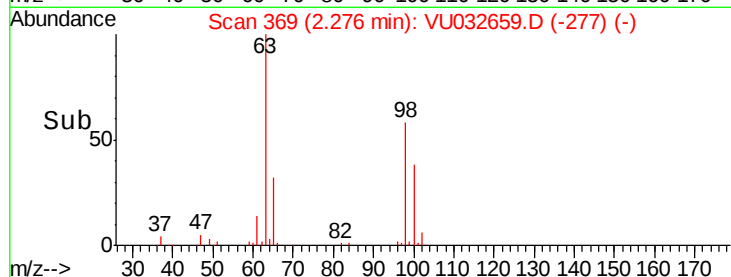
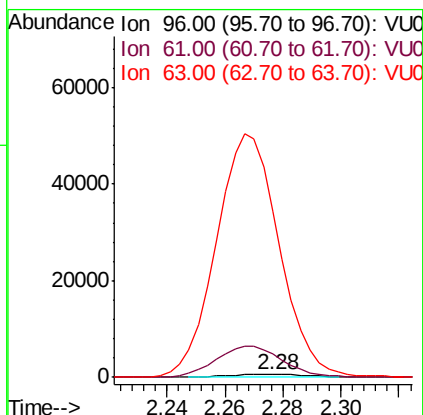
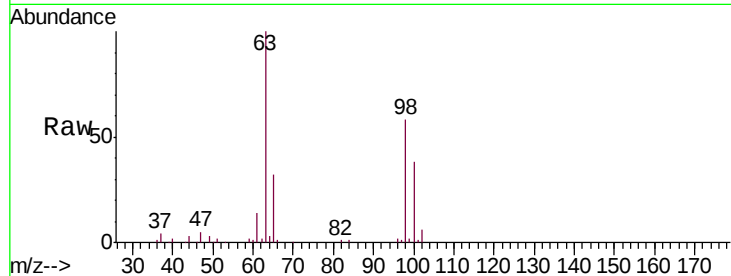




#12
 1,1-Dichloroethene
 Concen: 1.108 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU032659.D
 Acq: 12 Jun 2019 18:02

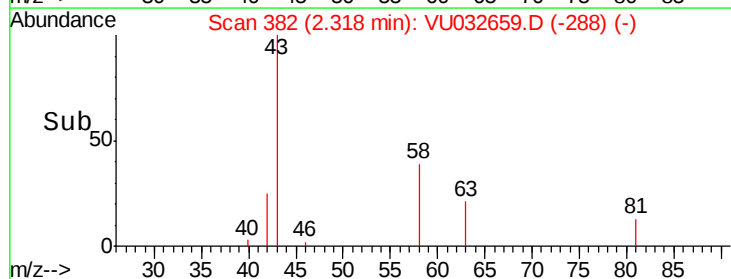
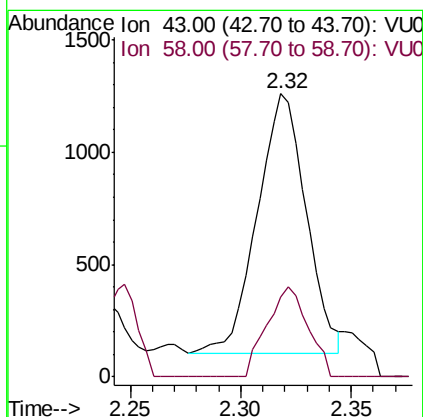
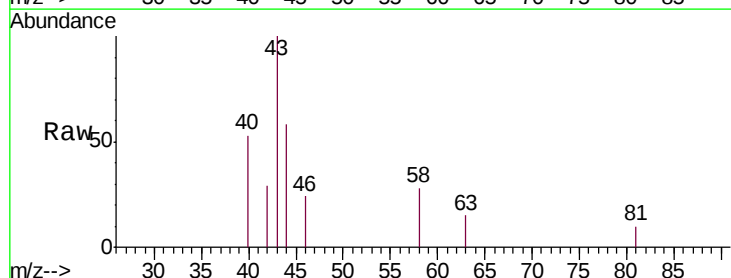
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY1

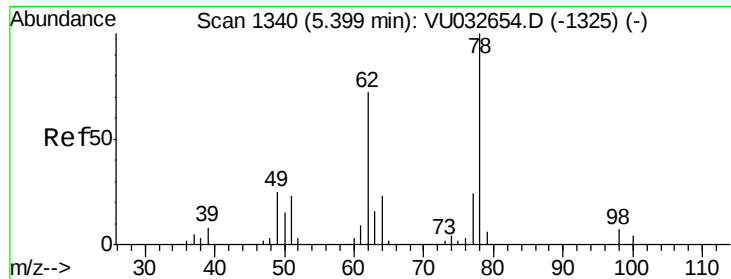
Tgt Ion: 96 Resp: 1141
 Ion Ratio Lower Upper
 96 100
 61 802.9 129.5 240.5#
 63 5773.7 103.4 192.0#



#13
 Acetone
 Concen: 1.817 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032659.D
 Acq: 12 Jun 2019 18:02

Tgt Ion: 43 Resp: 1766
 Ion Ratio Lower Upper
 43 100
 58 29.2 0.0 64.0

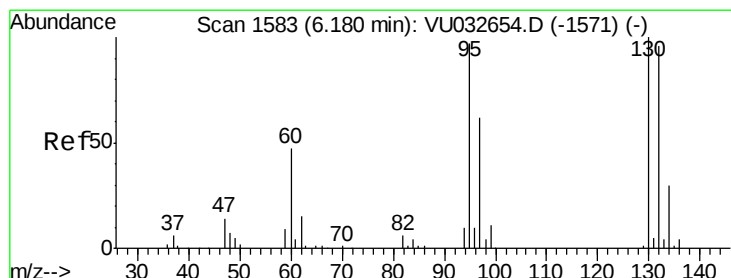
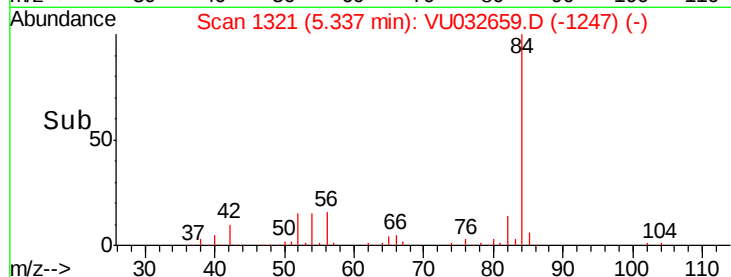
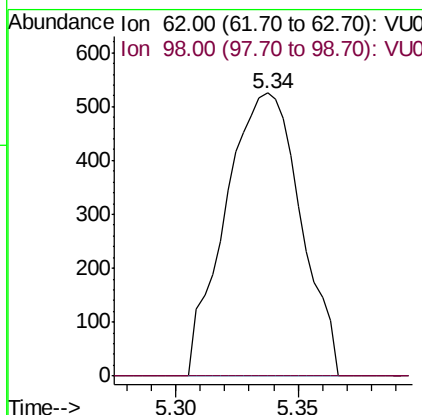
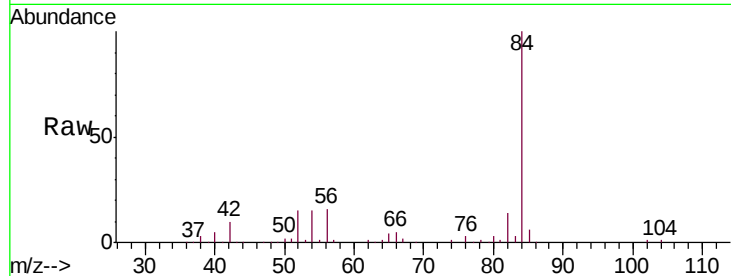




#27
 1,2-Dichloroethane
 Concen: 0.677 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032659.D
 Acq: 12 Jun 2019 18:02

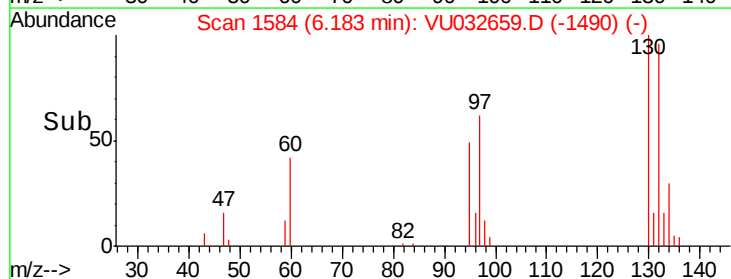
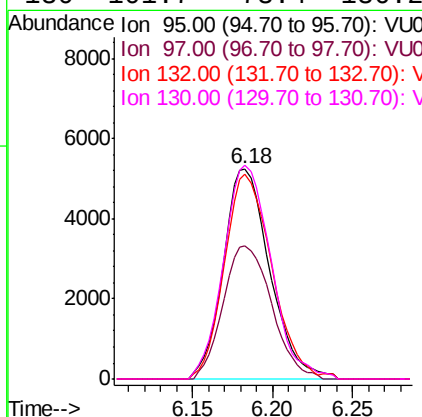
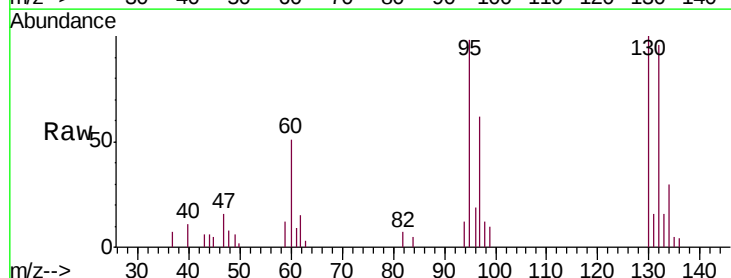
Instrument :
 MSVOA_U
 ClientSampleId :
 COLY1

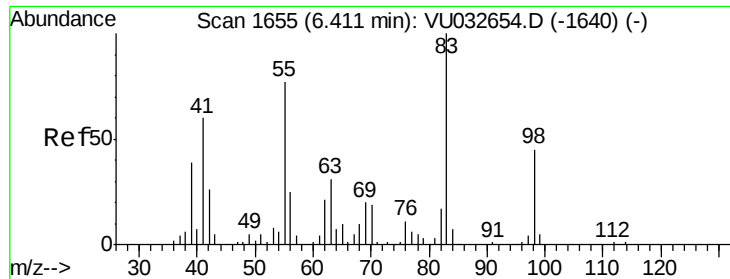
Tgt Ion: 62 Resp: 1123
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 8.294 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032659.D
 Acq: 12 Jun 2019 18:02

Tgt Ion: 95 Resp: 10444
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.8 85.2
 132 97.5 71.0 131.8
 130 101.7 73.4 136.2

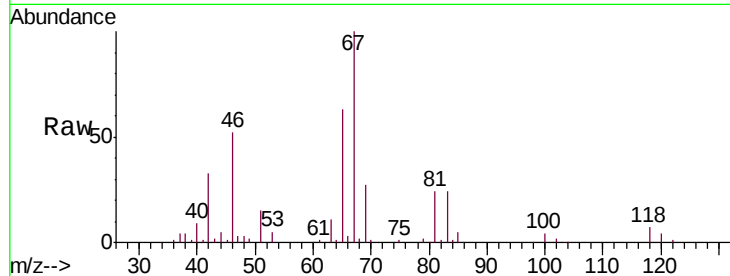




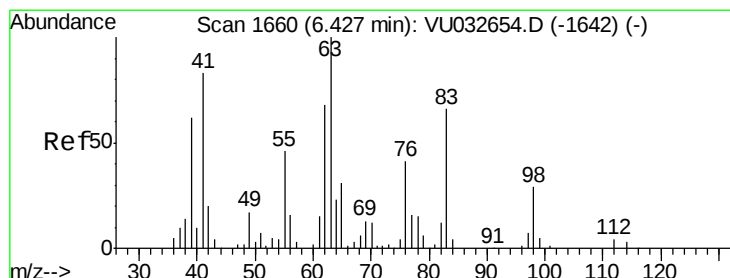
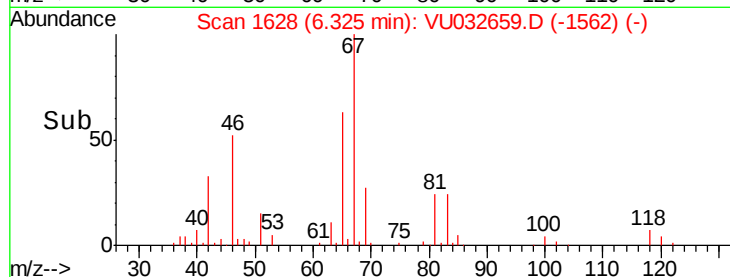
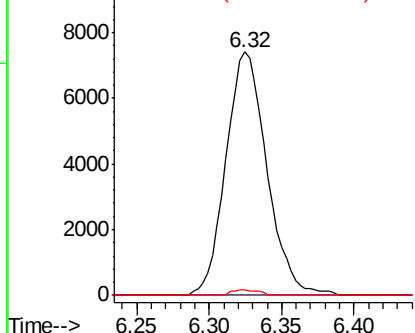
#35
Methylcyclohexane
Concen: 7.146 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032659.D
Acq: 12 Jun 2019 18:02

Instrument :
MSVOA_U
ClientSampleId :
COLY1

Tgt Ion: 83 Resp: 14567
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.4 37.4 56.2#

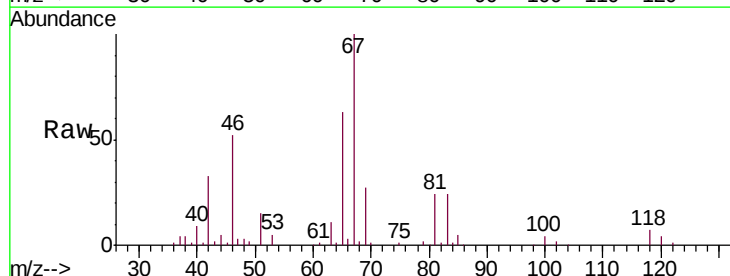


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

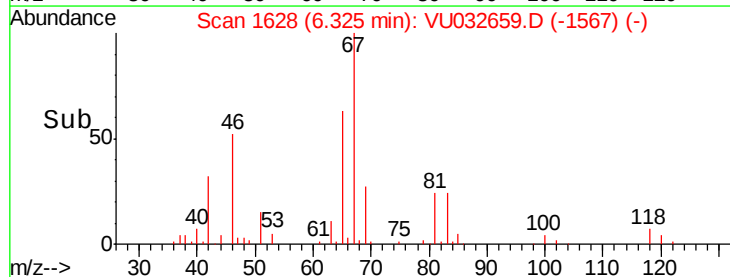
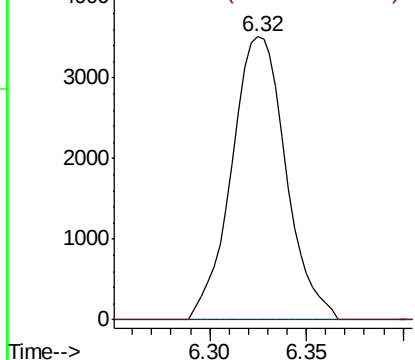


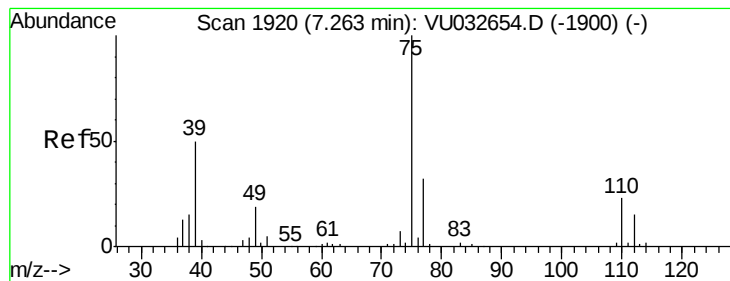
#37
1,2-Dichloropropane
Concen: 5.598 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032659.D
Acq: 12 Jun 2019 18:02

Tgt Ion: 63 Resp: 6869
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



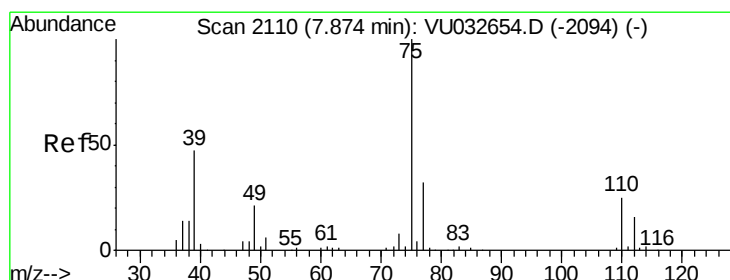
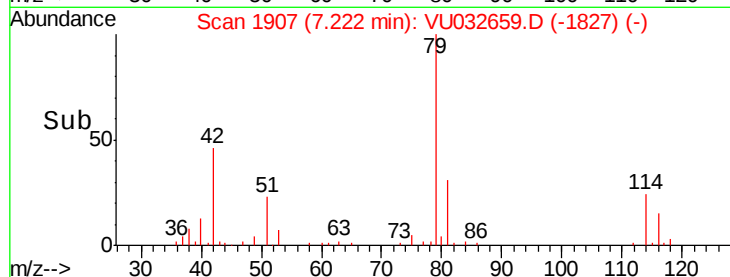
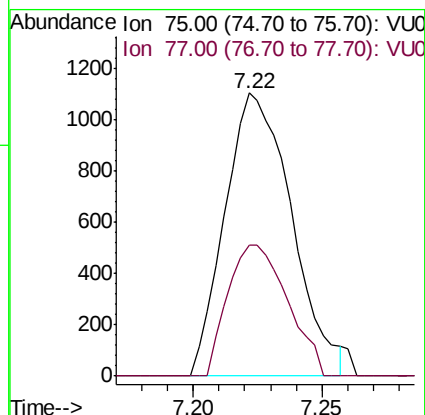
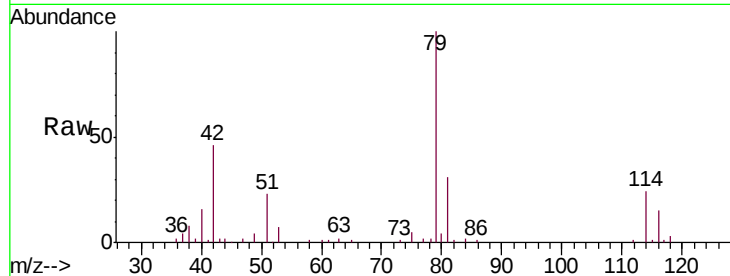


#39

cis-1,3-Dichloropropene
Concen: 1.028 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032659.D
Acq: 12 Jun 2019 18:02

Instrument :
MSVOA_U
ClientSampleId :
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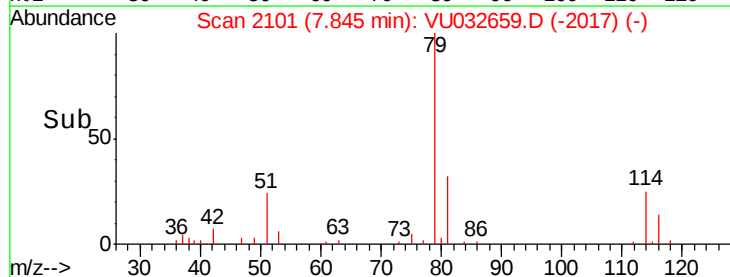
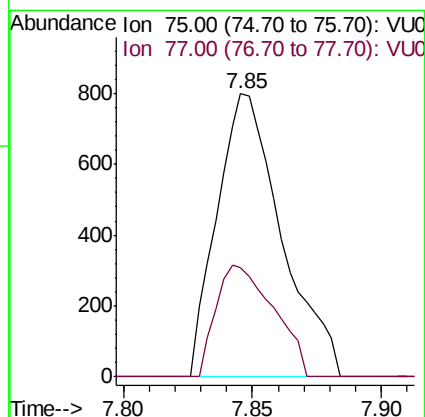
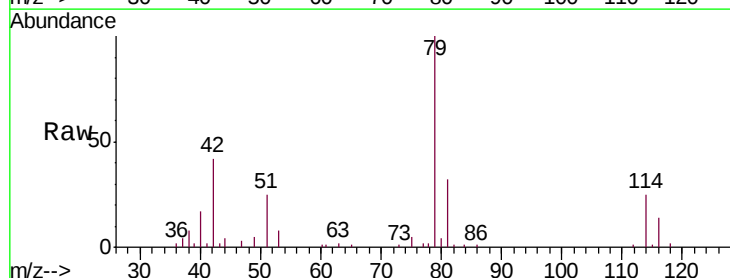
Tgt Ion: 75 Resp: 1990
Ion Ratio Lower Upper
75 100
77 46.2 22.0 41.0#

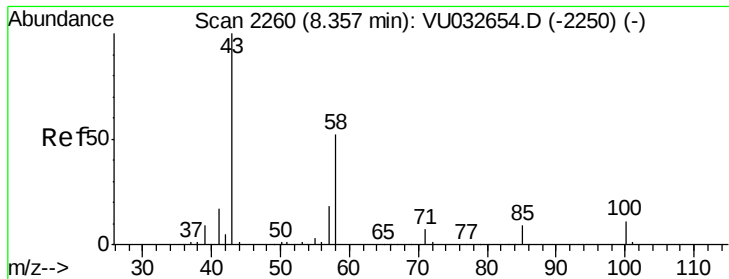


#44

trans-1,3-Dichloropropene
Concen: 0.811 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032659.D
Acq: 12 Jun 2019 18:02

Tgt Ion: 75 Resp: 1394
Ion Ratio Lower Upper
75 100
77 38.6 22.1 41.1

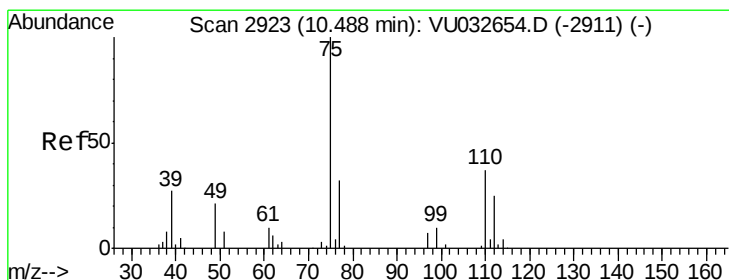
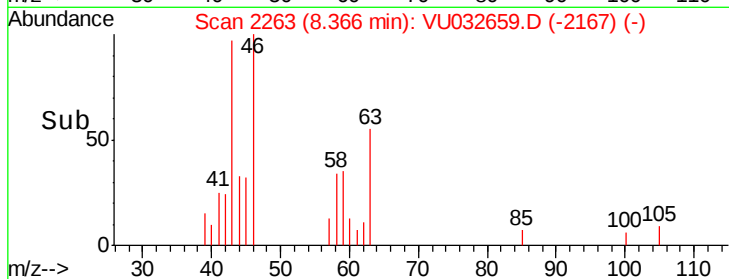
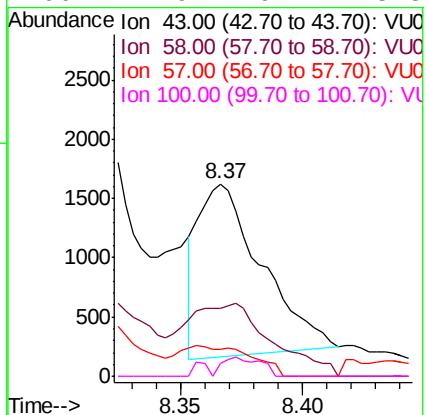
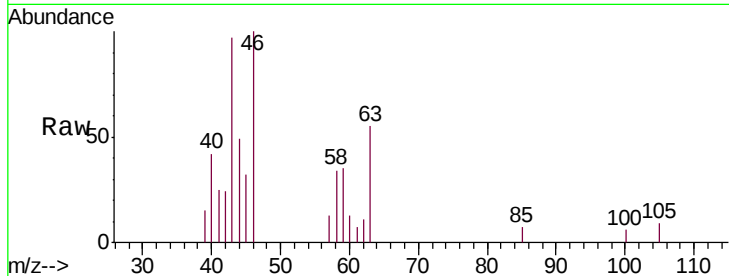




#48
2-Hexanone
Concen: 1.619 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032659.D
Acq: 12 Jun 2019 18:02

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 3.6 14.6 22.0#
100 4.9 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.050 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032659.D
Acq: 12 Jun 2019 18:02

Tgt Ion: 75 Resp: 9650
Ion Ratio Lower Upper
75 100
77 37.4 25.6 38.4

