

Data File : VU028765.D
Acq On : 18 Dec 2018 13:12
Operator : MD/SY
Sample : VU1218WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: Dec 19 00:41:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	172097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161250	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77835	48.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.86%
7) Chloroethane-d5	1.68	69	60442	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.34%
11) 1,1-Dichloroethene-d2	2.27	63	98607	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.58%
21) 2-Butanone-d5	4.17	46	114875	89.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.00%
24) Chloroform-d	4.65	84	120169	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.31	65	75328	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
32) Benzene-d6	5.34	84	267105	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
36) 1,2-Dichloropropane-d6	6.33	67	92225	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.86%
41) Toluene-d8	7.56	98	237279	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%
43) trans-1,3-Dichloropropene-	7.85	79	40331	48.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.40%
47) 2-Hexanone-d5	8.31	63	91625	104.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119651	50.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	82156	59.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.16%

Target Compounds

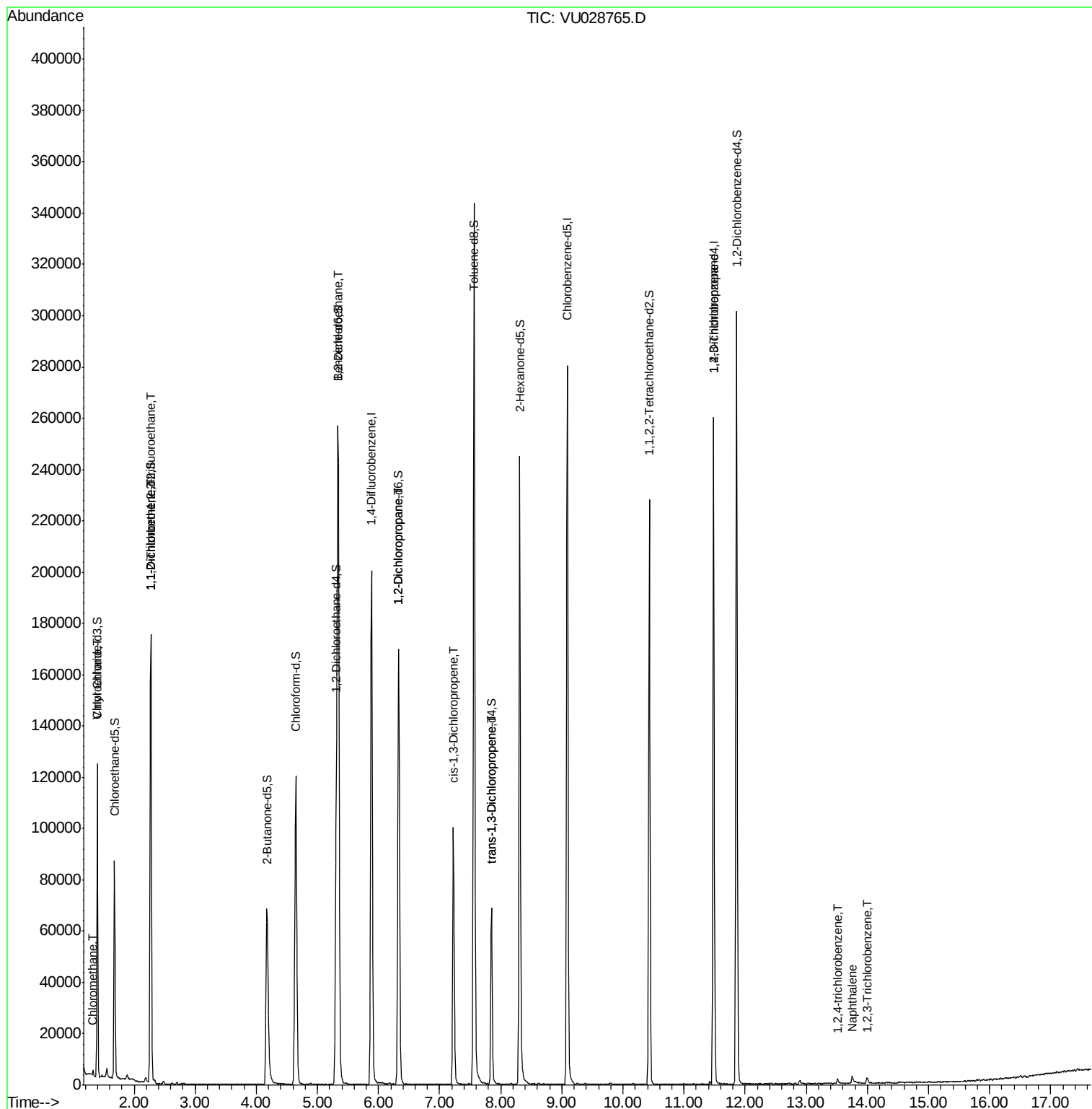
					Qvalue
3) Chloromethane	1.33	50	1676	0.760 ug/L	99
8) Chloroethane	1.40	64	1177	1.077 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	814	0.680 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	764	0.674 ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1353	0.638 ug/L #	76
37) 1,2-Dichloropropane	6.33	63	9060	5.269 ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2020	0.828 ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1464	0.650 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	8888	4.575 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	1098	0.689 ug/L #	90
69) Naphthalene	13.75	128	3960	0.749 ug/L #	79
70) 1,2,3-Trichlorobenzene	13.99	180	1305	0.820 ug/L #	91

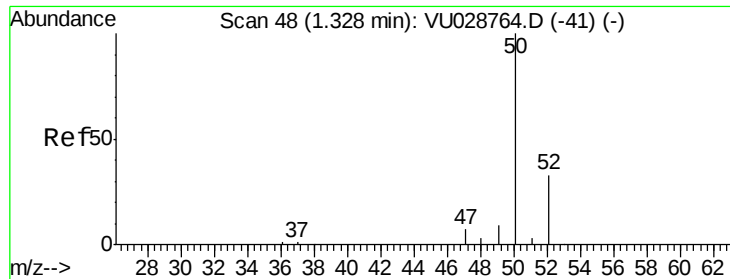
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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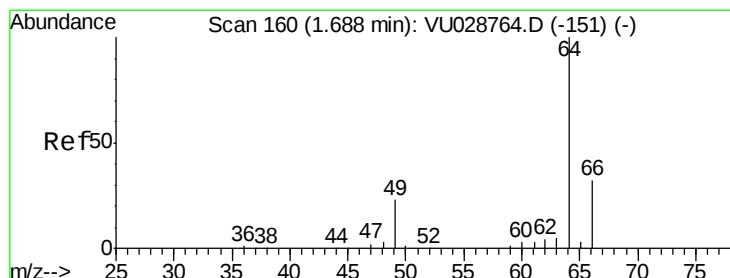
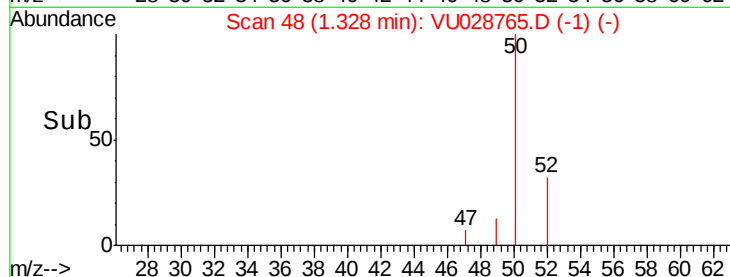
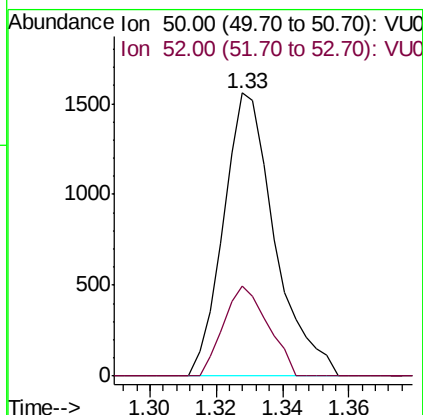
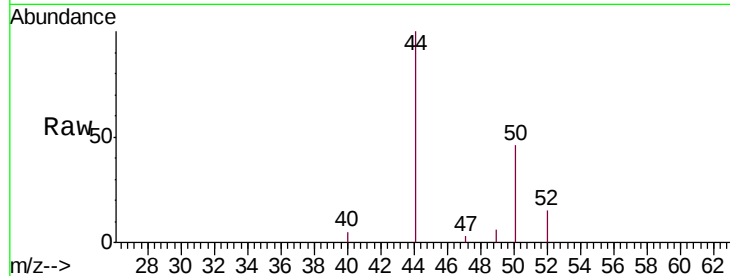




#3
Chloromethane
Concen: 0.760 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028765.D
Acq: 18 Dec 2018 13:12

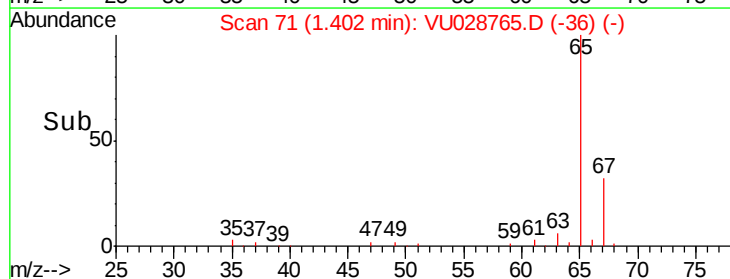
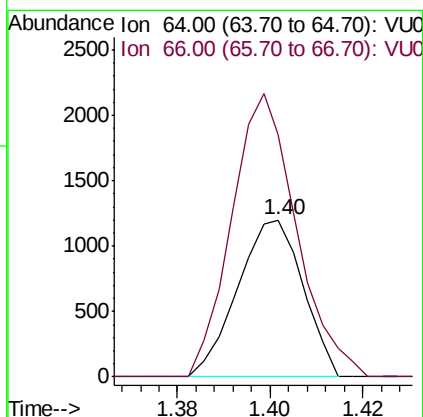
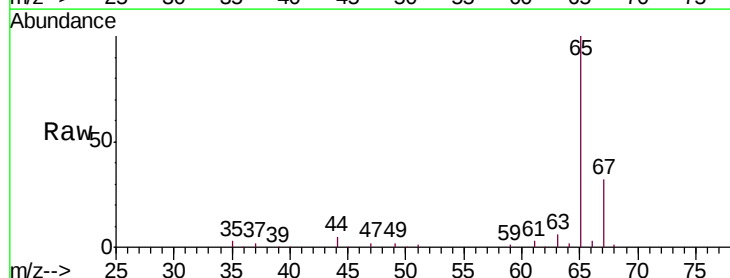
Instrument :
MSVOA_U
ClientSampleId :
VBLK56

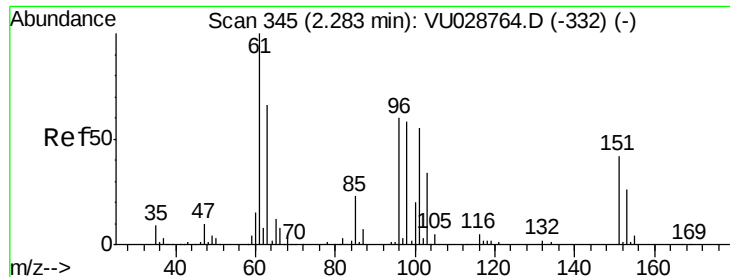
Tgt Ion: 50 Resp: 1676
Ion Ratio Lower Upper
50 100
52 31.8 22.0 41.0



#8
Chloroethane
Concen: 1.077 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.29 min
Lab File: VU028765.D
Acq: 18 Dec 2018 13:12

Tgt Ion: 64 Resp: 1177
Ion Ratio Lower Upper
64 100
66 154.4 22.4 41.6#





#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028765.D

Acq: 18 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

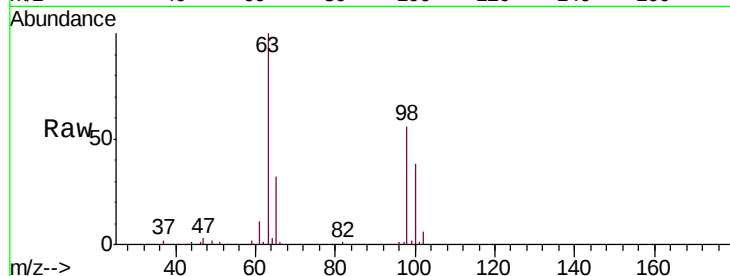
Tgt Ion: 101 Resp: 814

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

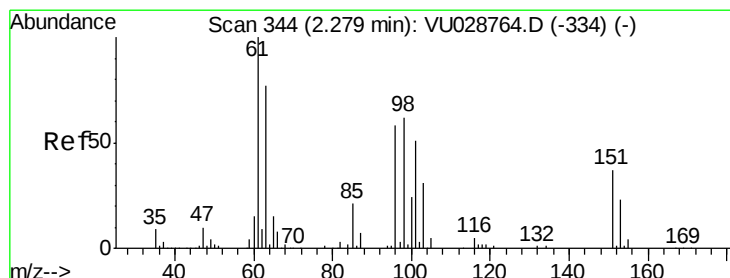
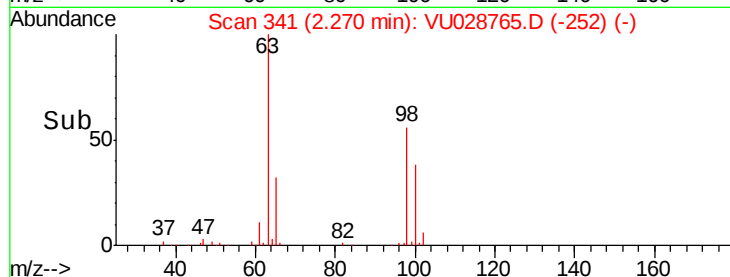
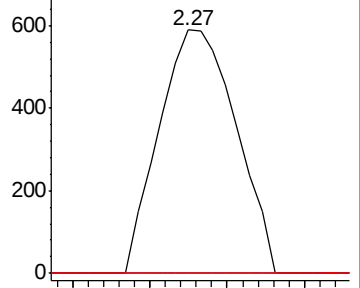
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VU028765.D (-252) (-)

Ion 85.00 (84.70 to 85.70): VU028765.D (-252) (-)

Ion 151.00 (150.70 to 151.70): VU028765.D (-252) (-)



#12

1,1-Dichloroethene

Concen: 0.674 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028765.D

Acq: 18 Dec 2018 13:12

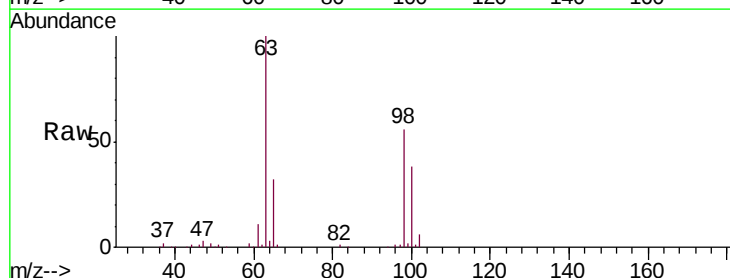
Tgt Ion: 96 Resp: 764

Ion Ratio Lower Upper

96 100

61 1380.2 143.2 266.0#

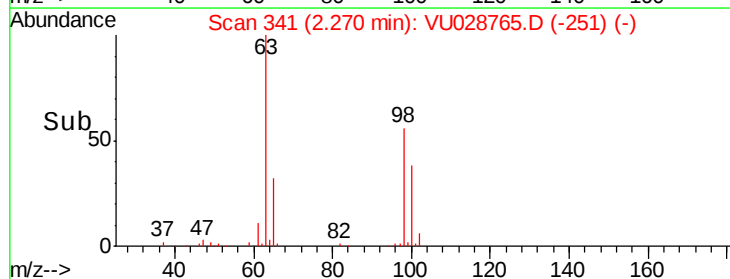
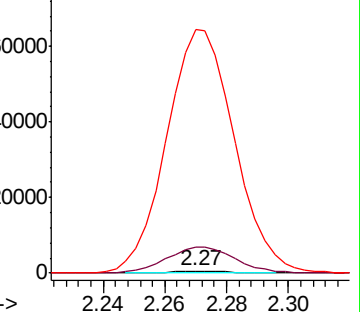
63 13042.9 130.1 241.7#

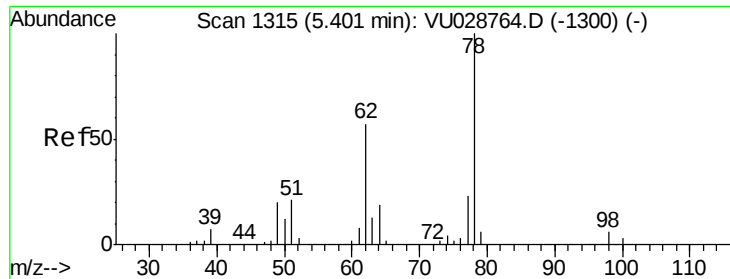


Abundance Ion 96.00 (95.70 to 96.70): VU028765.D (-251) (-)

Ion 61.00 (60.70 to 61.70): VU028765.D (-251) (-)

Ion 63.00 (62.70 to 63.70): VU028765.D (-251) (-)

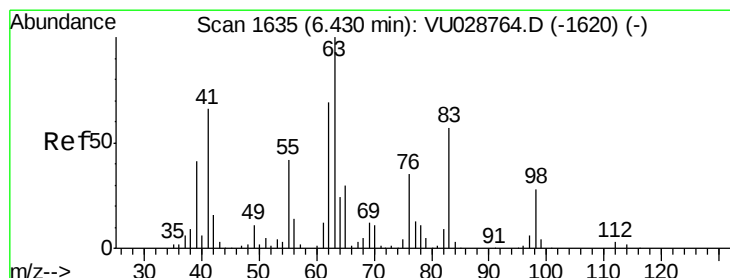
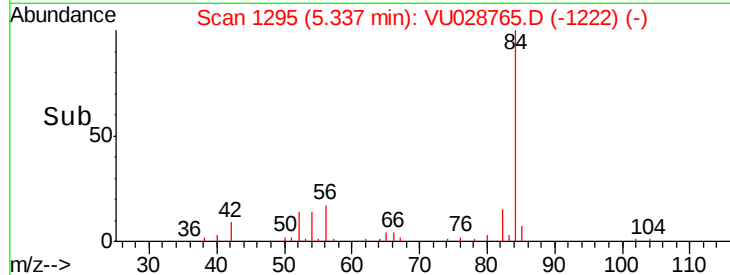
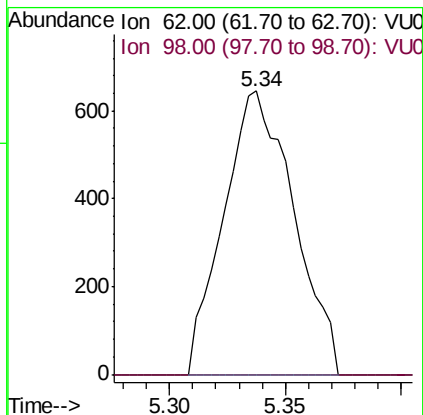
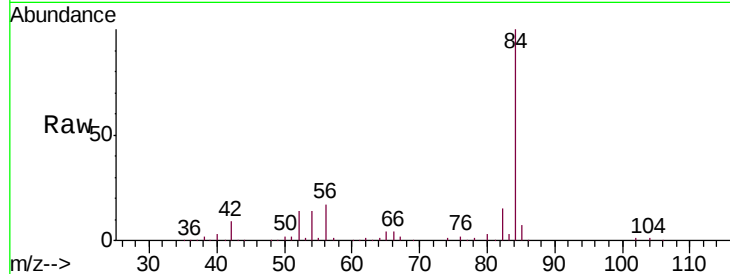




#27
 1,2-Dichloroethane
 Concen: 0.638 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.06 min
 Lab File: VU028765.D
 Acq: 18 Dec 2018 13:12

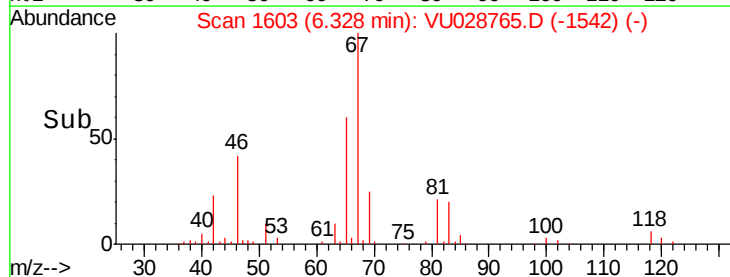
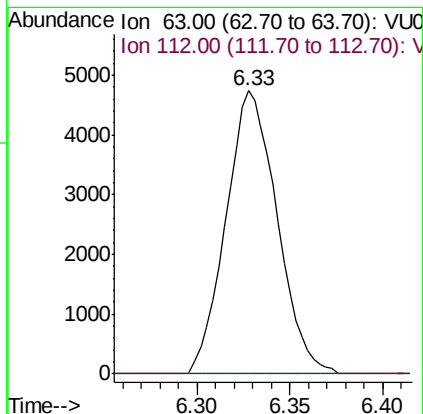
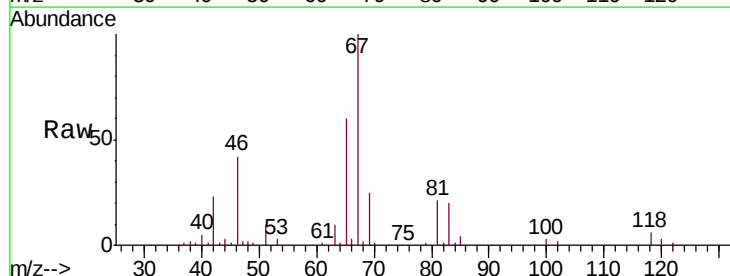
Instrument :
 MSVOA_U
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 VBLK56

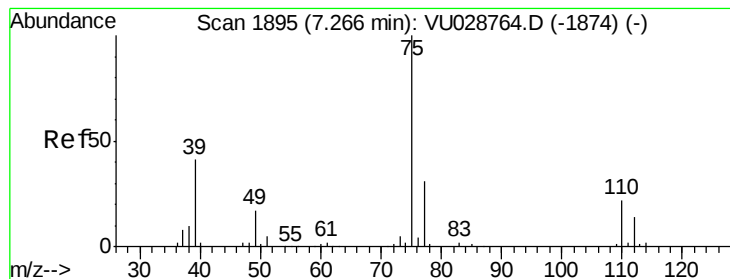
Tgt Ion: 62 Resp: 1353
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#37
 1,2-Dichloropropane
 Concen: 5.269 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028765.D
 Acq: 18 Dec 2018 13:12

Tgt Ion: 63 Resp: 9060
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.4 3.6#



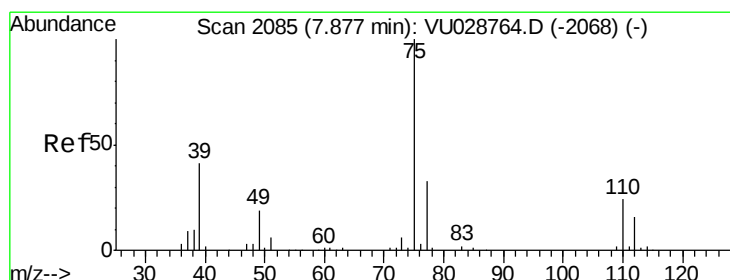
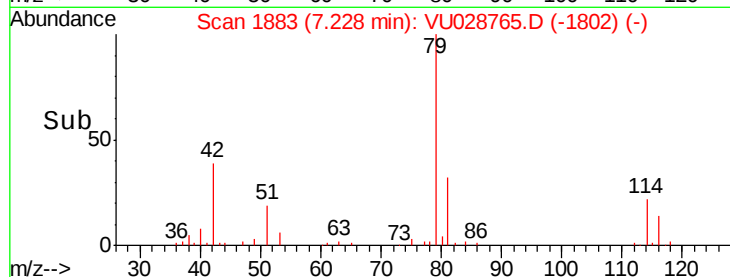
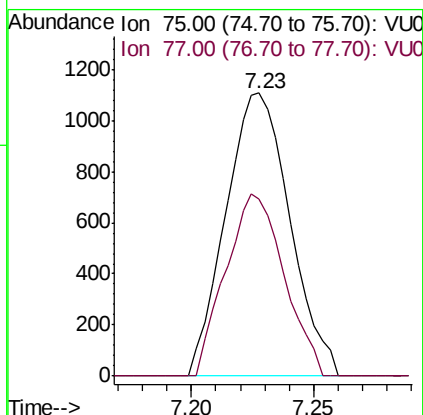
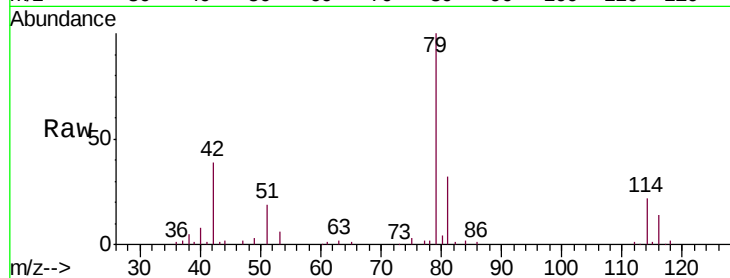


#39

cis-1,3-Dichloropropene
Concen: 0.828 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028765.D
Acq: 18 Dec 2018 13:12

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

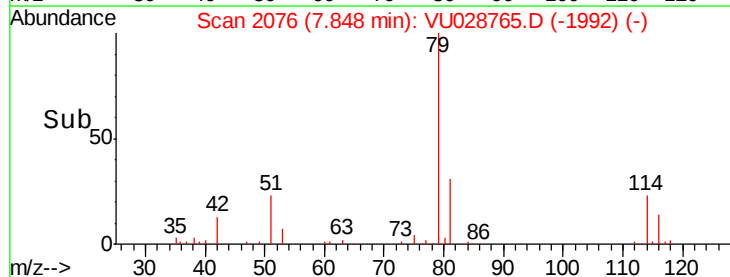
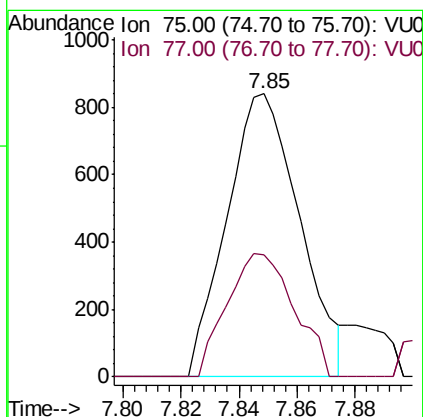
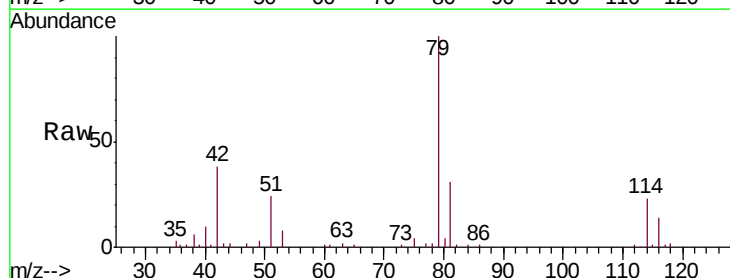
Tgt Ion: 75 Resp: 2020
Ion Ratio Lower Upper
75 100
77 62.4 21.8 40.6#

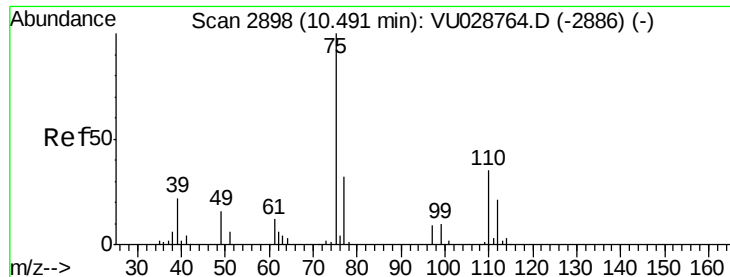


#44

trans-1,3-Dichloropropene
Concen: 0.650 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028765.D
Acq: 18 Dec 2018 13:12

Tgt Ion: 75 Resp: 1464
Ion Ratio Lower Upper
75 100
77 43.3 21.8 40.6#

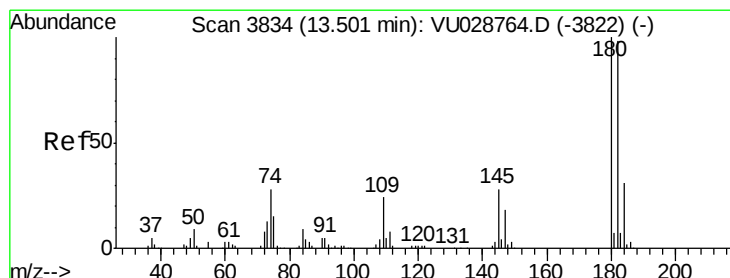
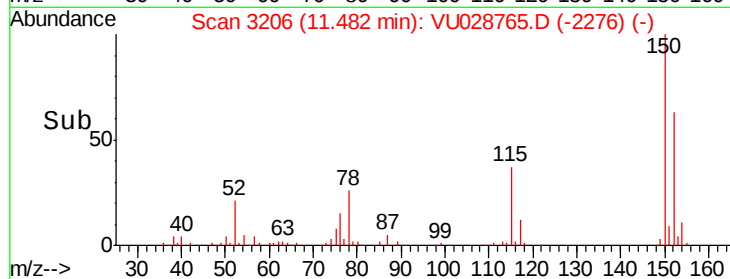
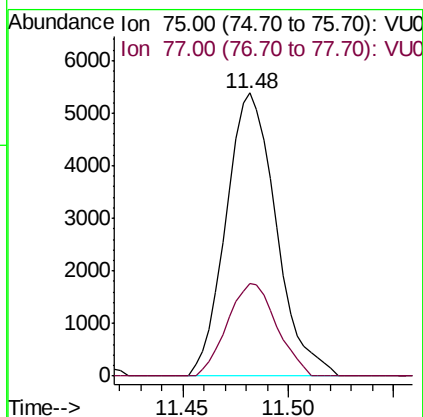
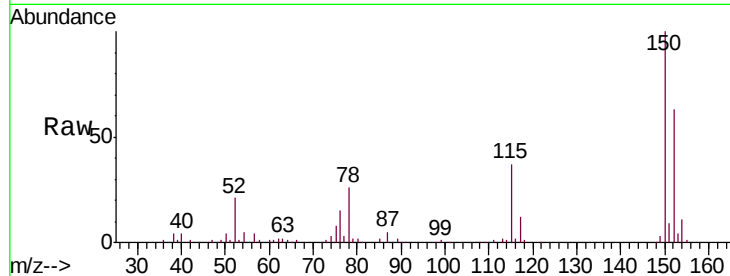




#59
 1,2,3-Trichloropropane
 Concen: 4.575 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028765.D
 Acq: 18 Dec 2018 13:12

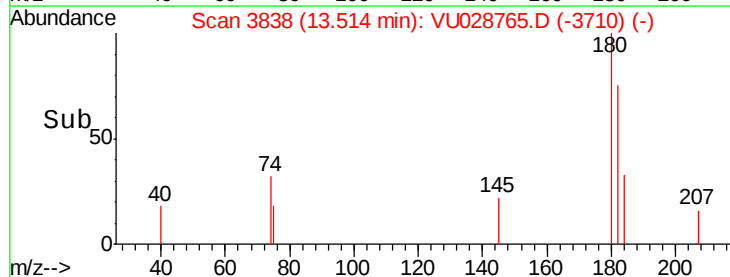
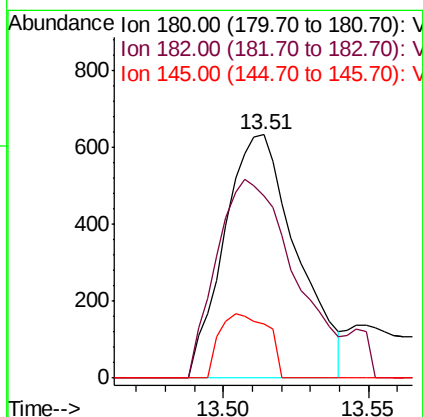
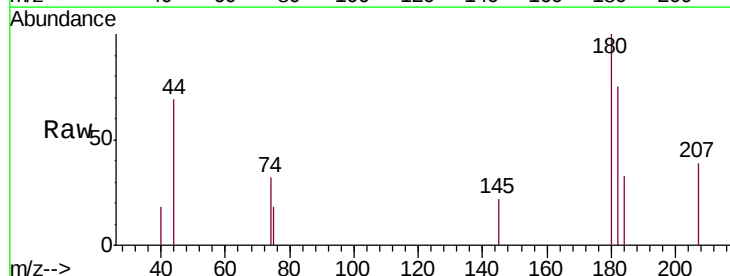
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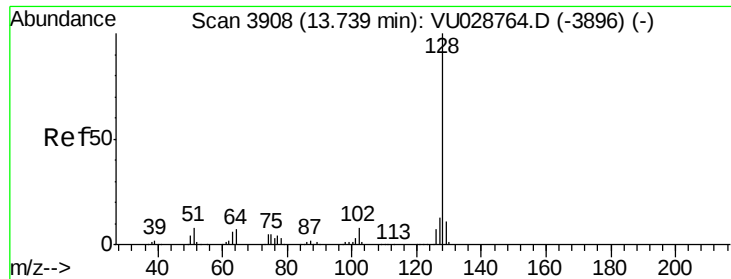
Tgt Ion: 75 Resp: 8888
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.689 ug/L
 RT: 13.51 min Scan# 3838
 Delta R.T. 0.01 min
 Lab File: VU028765.D
 Acq: 18 Dec 2018 13:12

Tgt Ion: 180 Resp: 1098
 Ion Ratio Lower Upper
 180 100
 182 87.7 74.8 112.2
 145 17.6 23.0 34.6#





#69

Naphthalene

Concen: 0.749 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028765.D

Acq: 18 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

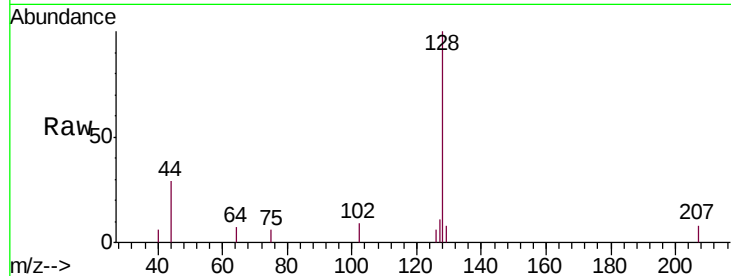
Tgt Ion:128 Resp: 3960

Ion Ratio Lower Upper

128 100

127 4.3 10.7 16.1#

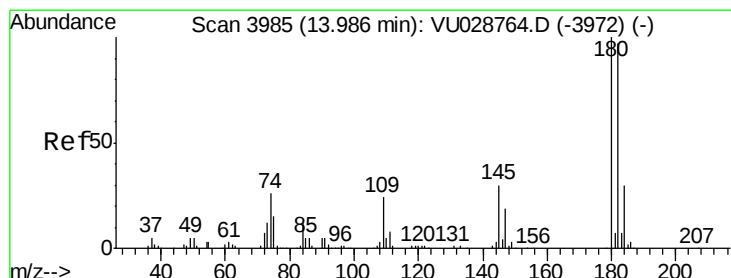
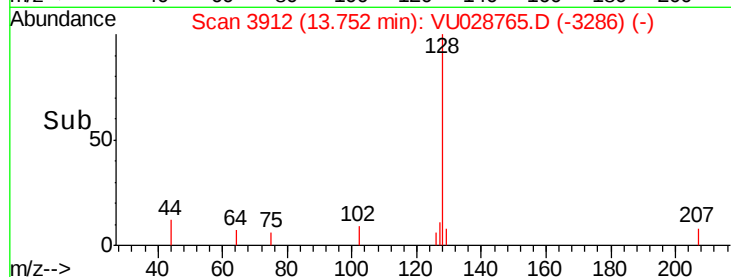
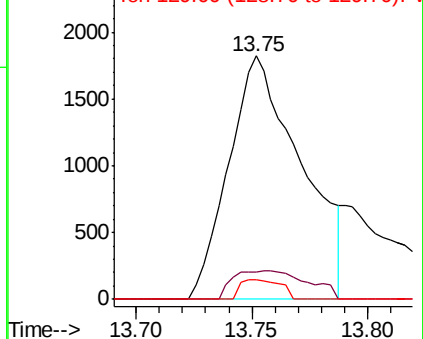
129 3.9 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.820 ug/L

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU028765.D

Acq: 18 Dec 2018 13:12

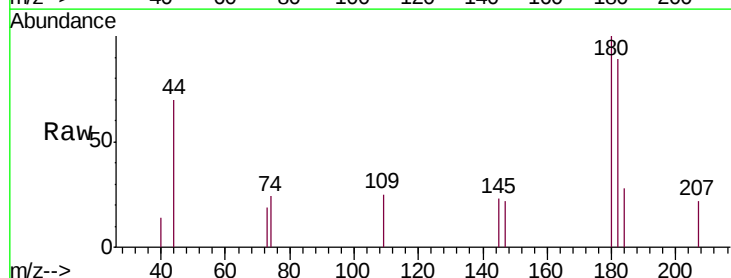
Tgt Ion:180 Resp: 1305

Ion Ratio Lower Upper

180 100

182 99.9 75.2 112.8

145 22.6 25.4 38.0#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

