

Data File : VU028768.D
Acq On : 18 Dec 2018 14:28
Operator : MD/SY
Sample : J6441-02
Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE7Z9ME

Quant Time: Dec 19 00:41:54 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	191773	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	185960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93633	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68209	38.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.16%
7) Chloroethane-d5	1.64	69	38508	28.68	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.36%#
11) 1,1-Dichloroethene-d2	2.23	63	85051	26.93	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.86%#
21) 2-Butanone-d5	4.19	46	94538	65.73	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.73%
24) Chloroform-d	4.64	84	102010	35.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.98%
26) 1,2-Dichloroethane-d4	5.30	65	67018	35.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.72%
32) Benzene-d6	5.33	84	232423	39.97	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.94%
36) 1,2-Dichloropropane-d6	6.32	67	80717	38.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.30%
41) Toluene-d8	7.56	98	207620	39.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.32%#
43) trans-1,3-Dichloropropene-	7.85	79	36461	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.36%
47) 2-Hexanone-d5	8.32	63	84433	83.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	120606	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	84244	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%

Target Compounds

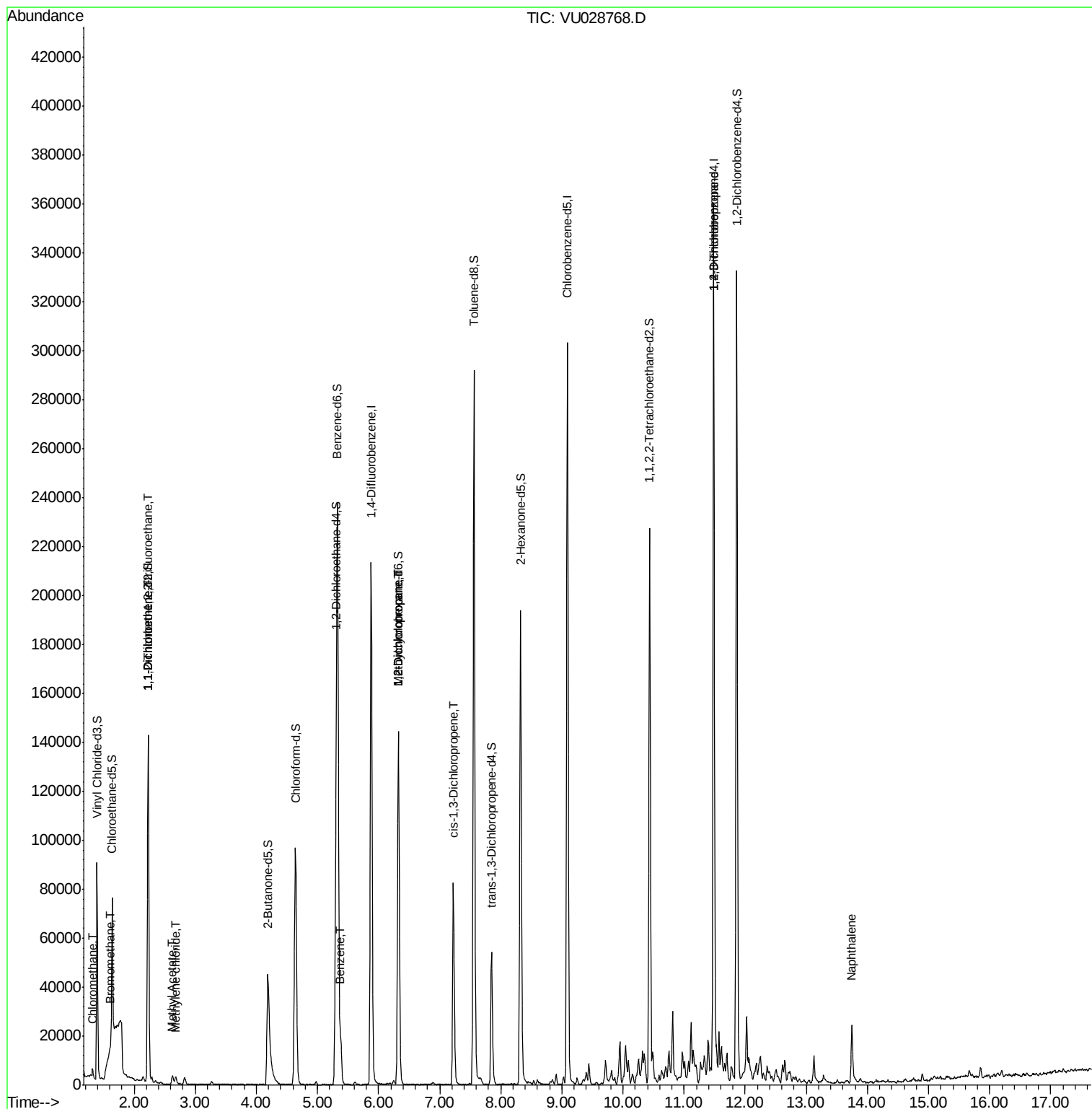
					Qvalue
3) Chloromethane	1.32	50	2754	1.121 ug/L	94
6) Bromomethane	1.60	94	537	0.842 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	776	0.582 ug/L #	21
12) 1,1-Dichloroethene	2.23	96	764	0.605 ug/L #	1
15) Methyl Acetate	2.62	43	5360	2.392 ug/L #	90
16) Methylene chloride	2.69	84	1322	0.800 ug/L	80
33) Benzene	5.38	78	18628	2.808 ug/L	100
35) Methylcyclohexane	6.32	83	16732	6.160 ug/L #	15
37) 1,2-Dichloropropane	6.32	63	7493	3.779 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1677	0.596 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	11607	5.181 ug/L	96
69) Naphthalene	13.75	128	23103	3.198 ug/L	97

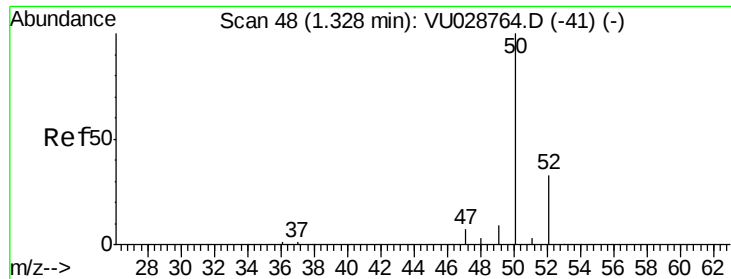
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.121 ug/L

RT: 1.32 min Scan# 45

Delta R.T. -0.01 min

Lab File: VU028768.D

Acq: 18 Dec 2018 14:28

Instrument :

MSVOA_U

ClientSampleId :

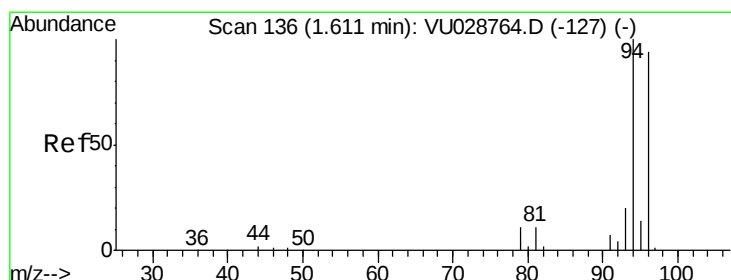
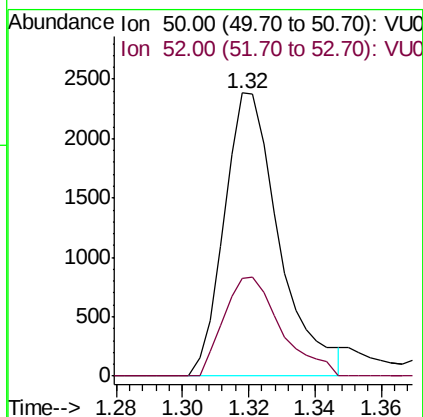
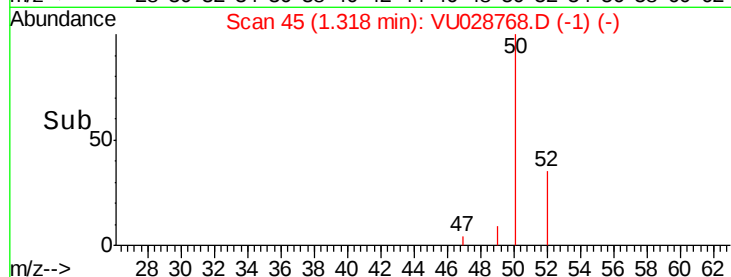
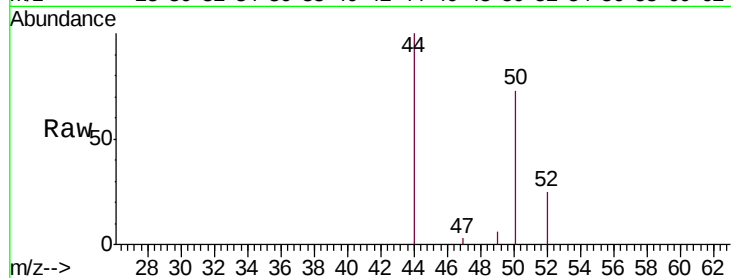
BE7Z9ME

Tgt Ion: 50 Resp: 2754

Ion Ratio Lower Upper

50 100

52 34.7 22.0 41.0



#6

Bromomethane

Concen: 0.842 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU028768.D

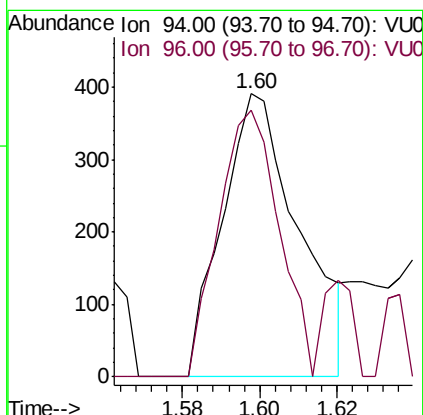
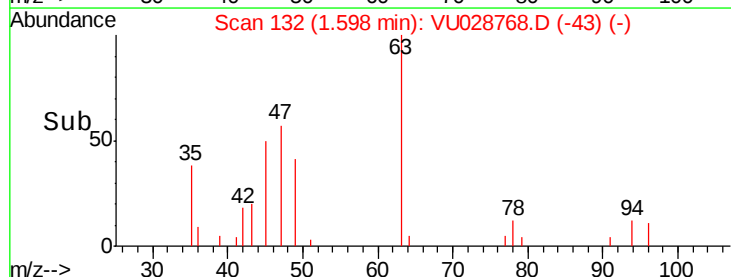
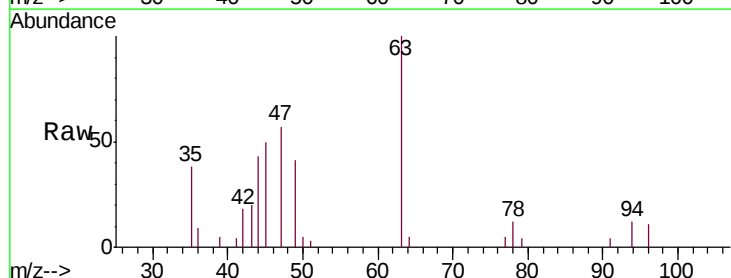
Acq: 18 Dec 2018 14:28

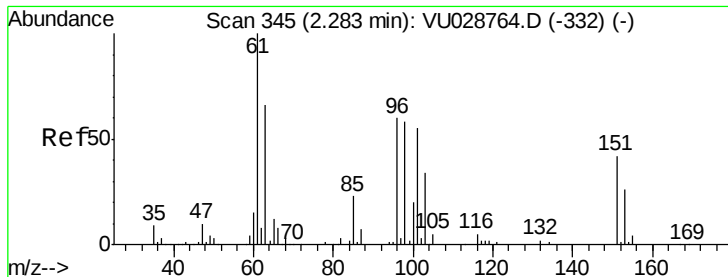
Tgt Ion: 94 Resp: 537

Ion Ratio Lower Upper

94 100

96 94.4 62.9 116.9





#10

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

Concen: 0.582 ug/L

RT: 2.23 min Scan# 328

Delta R.T. -0.05 min

Lab File: VU028768.D

Acq: 18 Dec 2018 14:28

Instrument :

MSVOA_U

ClientSampleId :

BE7Z9ME

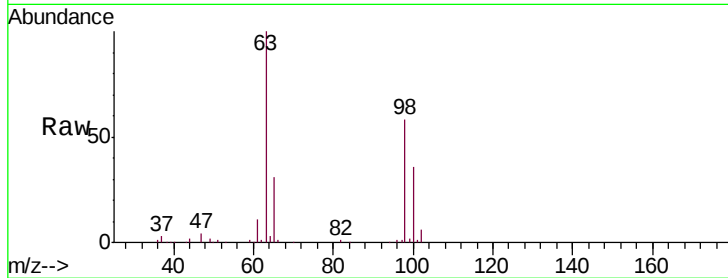
Tgt Ion: 101 Resp: 776

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

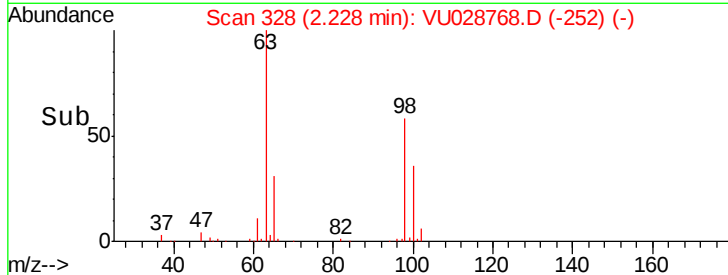
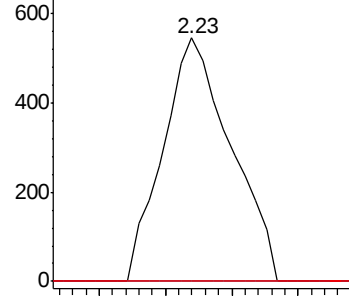
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.605 ug/L

RT: 2.23 min Scan# 328

Delta R.T. -0.05 min

Lab File: VU028768.D

Acq: 18 Dec 2018 14:28

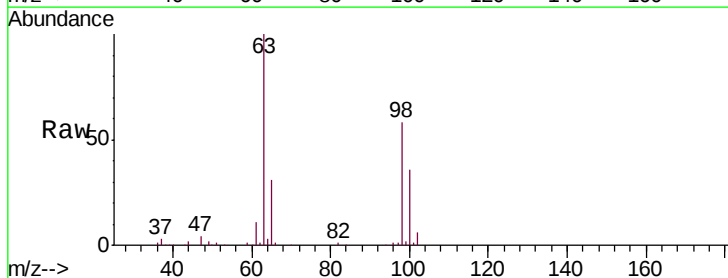
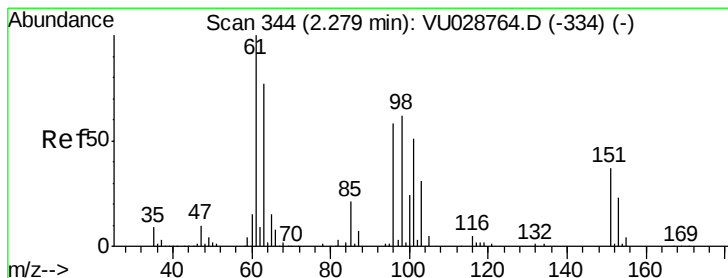
Tgt Ion: 96 Resp: 764

Ion Ratio Lower Upper

96 100

61 1030.6 143.2 266.0#

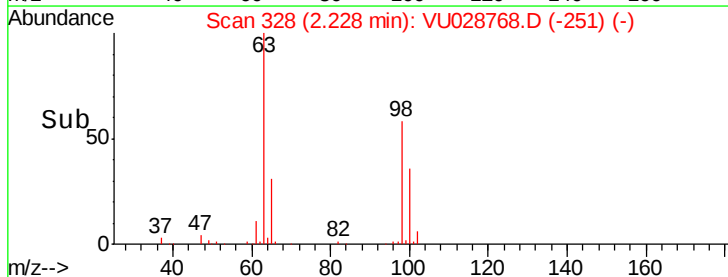
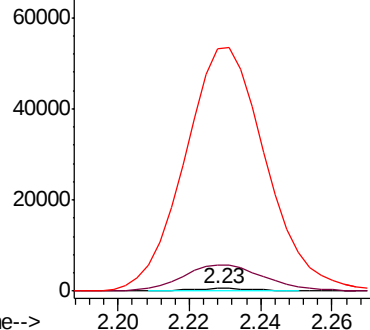
63 9450.5 130.1 241.7#

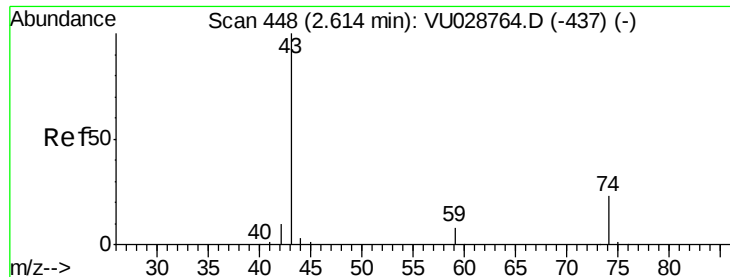


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

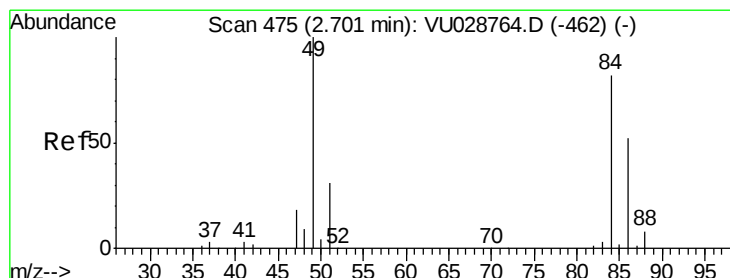
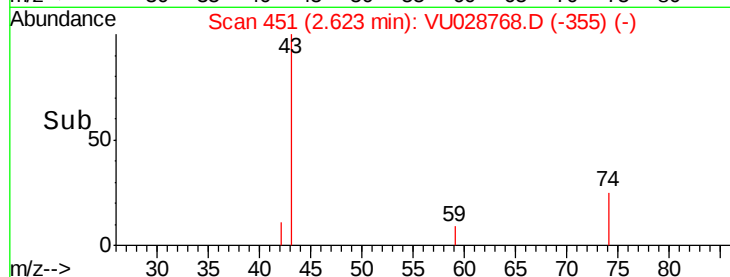
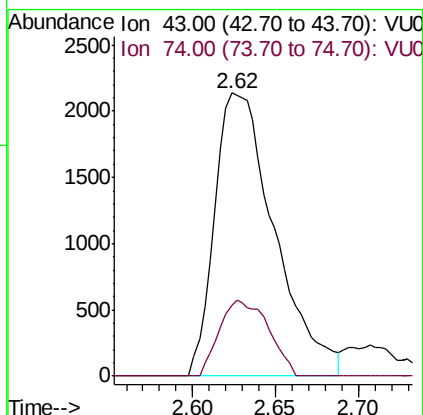
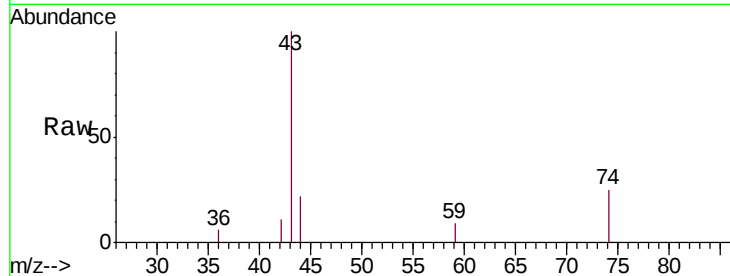




#15
Methyl Acetate
Concen: 2.392 ug/L
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028768.D
Acq: 18 Dec 2018 14:28

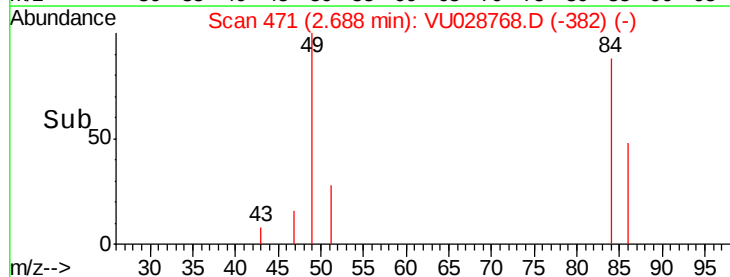
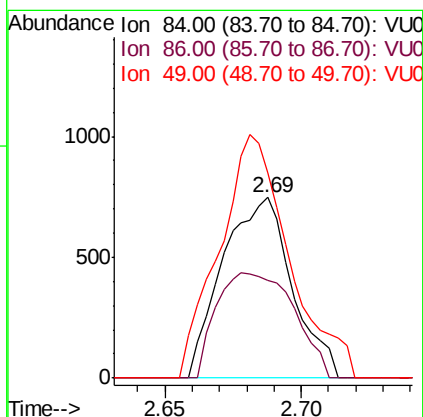
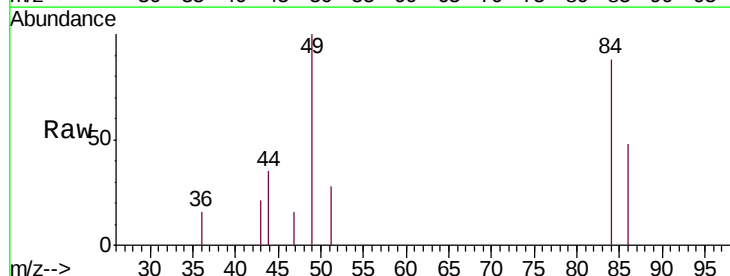
Instrument :
MSVOA_U
ClientSampleId :
BE7Z9ME

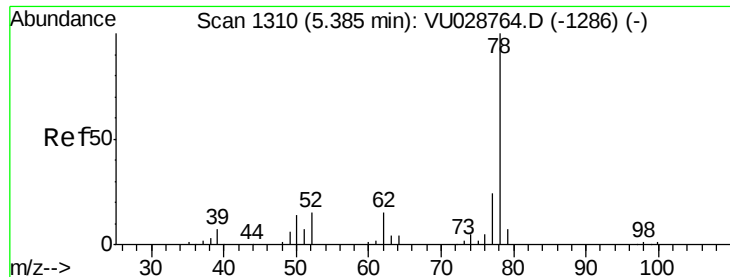
Tgt Ion: 43 Resp: 5360
Ion Ratio Lower Upper
43 100
74 14.7 15.4 23.0#



#16
Methylene chloride
Concen: 0.800 ug/L
RT: 2.69 min Scan# 471
Delta R.T. -0.01 min
Lab File: VU028768.D
Acq: 18 Dec 2018 14:28

Tgt Ion: 84 Resp: 1322
Ion Ratio Lower Upper
84 100
86 54.4 44.3 82.3
49 113.8 100.0 185.6





#33

Benzene

Concen: 2.808 ug/L

RT: 5.38 min Scan# 1308

Delta R.T. -0.01 min

Lab File: VU028768.D

Acq: 18 Dec 2018 14:28

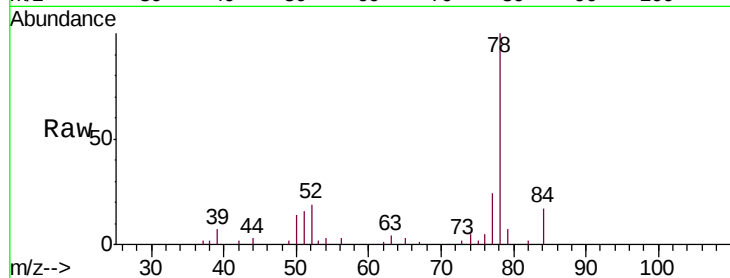
Instrument :

MSVOA_U

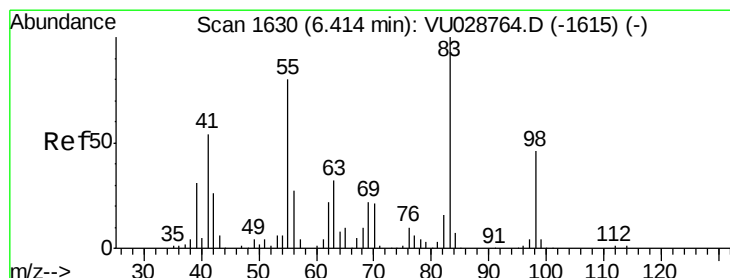
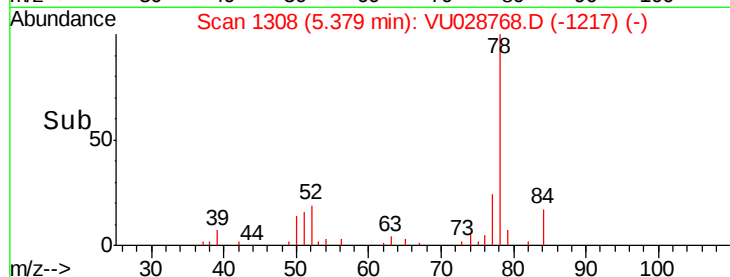
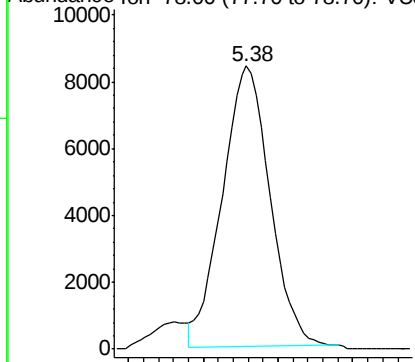
ClientSampleId :

BE7Z9ME

Tgt Ion: 78 Resp: 18628



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 6.160 ug/L

RT: 6.32 min Scan# 1602

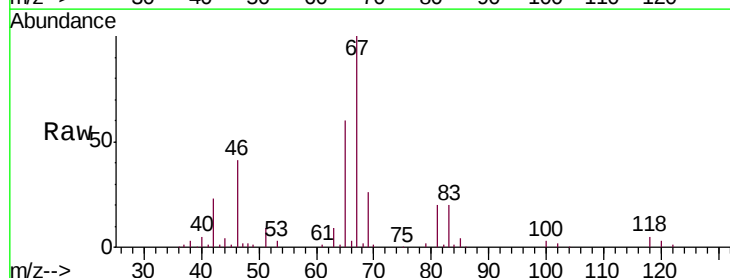
Delta R.T. -0.09 min

Lab File: VU028768.D

Acq: 18 Dec 2018 14:28

Tgt Ion: 83 Resp: 16732

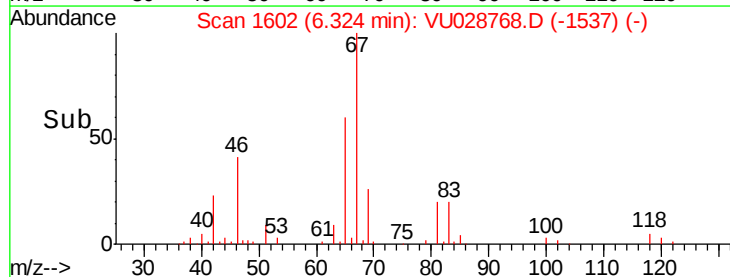
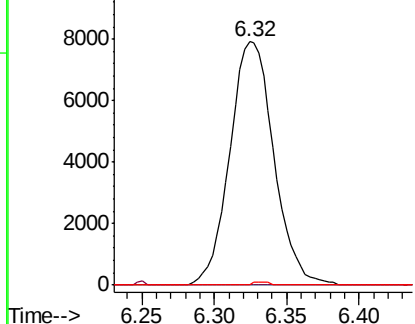
Ion	Ratio	Lower	Upper
83	100		
55	0.3	70.1	105.1#
98	0.4	34.4	51.6#

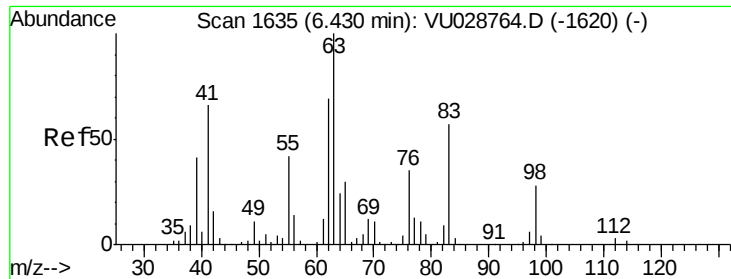


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

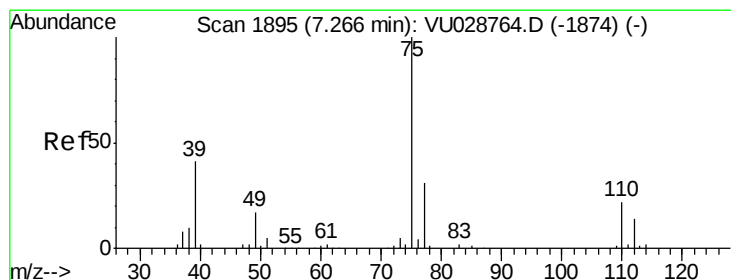
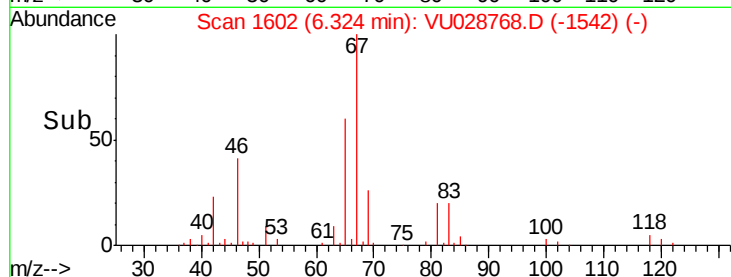
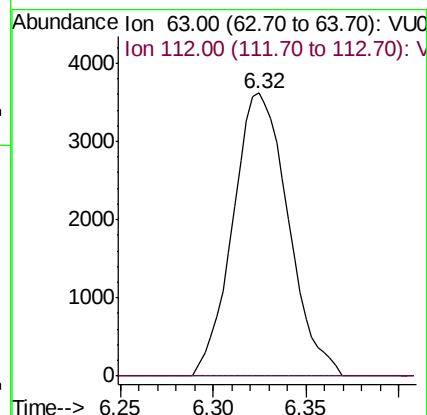
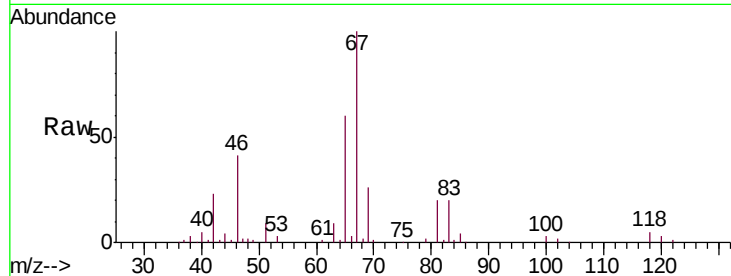




#37
 1,2-Dichloropropane
 Concen: 3.779 ug/L
 RT: 6.32 min Scan# 1602
 Delta R.T. -0.11 min
 Lab File: VU028768.D
 Acq: 18 Dec 2018 14:28

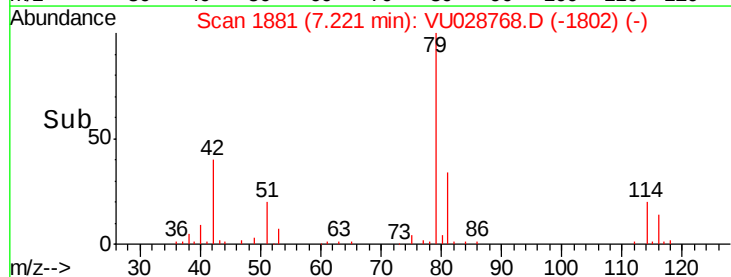
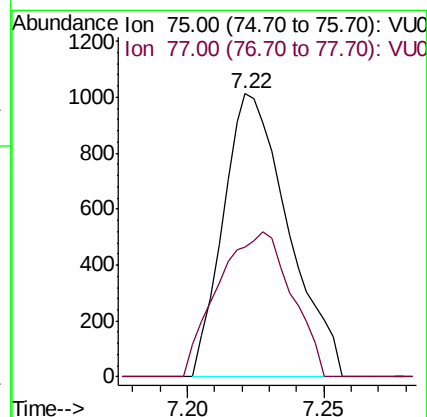
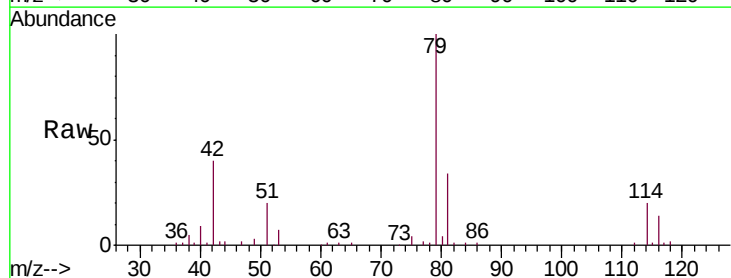
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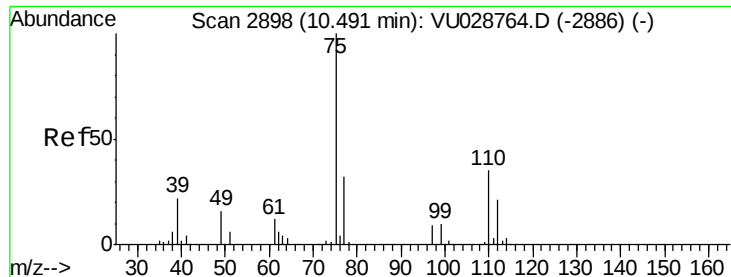
Tgt Ion: 63 Resp: 7493
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.4 3.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.596 ug/L
 RT: 7.22 min Scan# 1881
 Delta R.T. -0.05 min
 Lab File: VU028768.D
 Acq: 18 Dec 2018 14:28

Tgt Ion: 75 Resp: 1677
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.8 40.6#

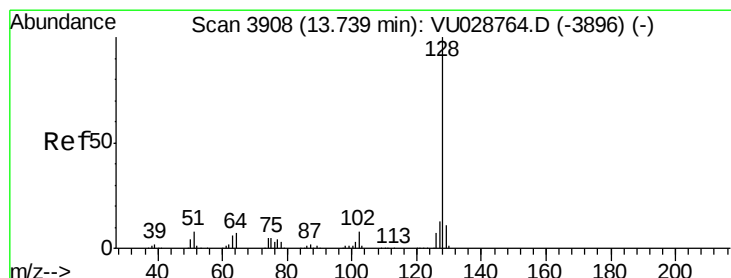
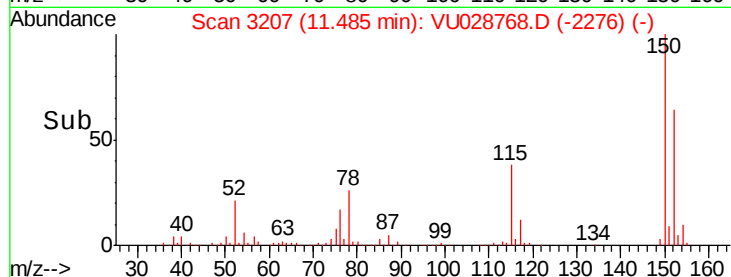
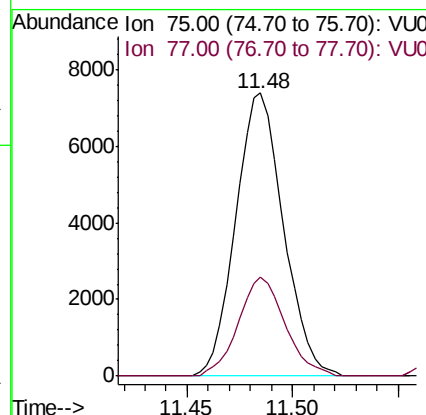
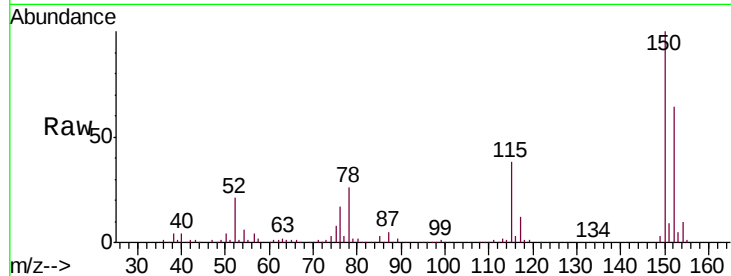




#59
 1,2,3-Trichloropropane
 Concen: 5.181 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU028768.D
 Acq: 18 Dec 2018 14:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BE7Z9ME

Tgt Ion: 75 Resp: 11607
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.4 38.2



#69
 Naphthalene
 Concen: 3.198 ug/L
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: VU028768.D
 Acq: 18 Dec 2018 14:28

Tgt Ion: 128 Resp: 23103
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.7 16.1
 129 9.5 8.6 13.0

