

Data File : VU028769.D
Acq On : 18 Dec 2018 14:52
Operator : MD/SY
Sample : J6441-03
Misc : 5.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE814

Quant Time: Dec 19 00:42:06 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	194910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91444	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63861	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.16%
7) Chloroethane-d5	1.64	69	38737	28.39	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.78%#
11) 1,1-Dichloroethene-d2	2.24	63	81289	25.33	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.66%#
21) 2-Butanone-d5	4.19	46	97283	66.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.55%
24) Chloroform-d	4.64	84	99347	34.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.96%#
26) 1,2-Dichloroethane-d4	5.30	65	64439	33.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.86%#
32) Benzene-d6	5.33	84	224271	37.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.22%
36) 1,2-Dichloropropane-d6	6.33	67	78026	36.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.86%
41) Toluene-d8	7.56	98	201212	37.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.00%#
43) trans-1,3-Dichloropropene-	7.85	79	34764	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
47) 2-Hexanone-d5	8.32	63	84042	81.03	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117121	42.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	80983	43.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.30%

Target Compounds

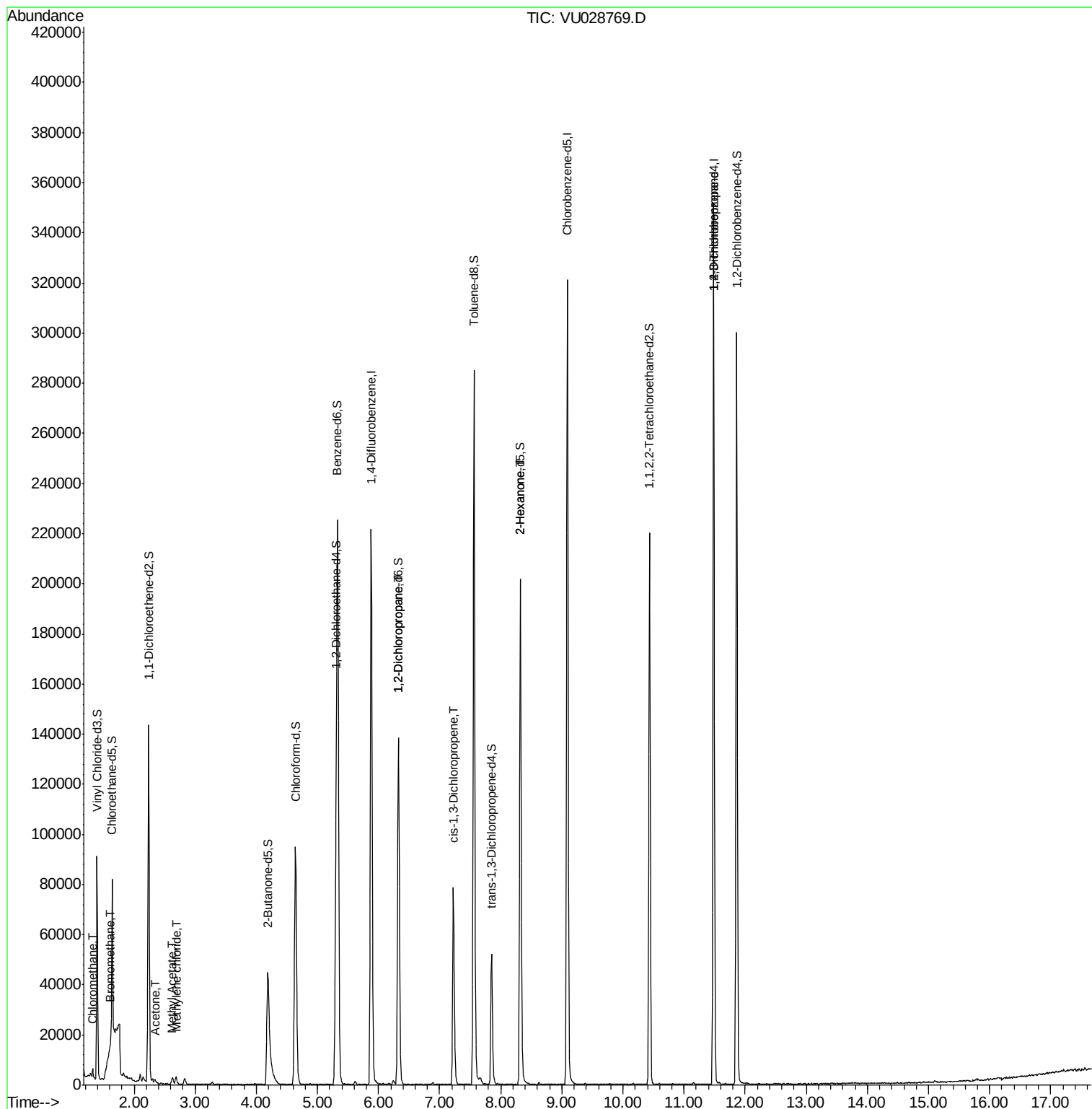
					Qvalue
3) Chloromethane	1.32	50	2641	1.058 ug/L	98
6) Bromomethane	1.60	94	503	0.776 ug/L	79
13) Acetone	2.34	43	1491	0.912 ug/L	100
15) Methyl Acetate	2.63	43	4173	1.832 ug/L	96
16) Methylene chloride	2.69	84	1287	0.767 ug/L	82
37) 1,2-Dichloropropane	6.32	63	7681	3.777 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1642	0.569 ug/L #	60
48) 2-Hexanone	8.32	43	8733	3.333 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	11674	5.080 ug/L	99

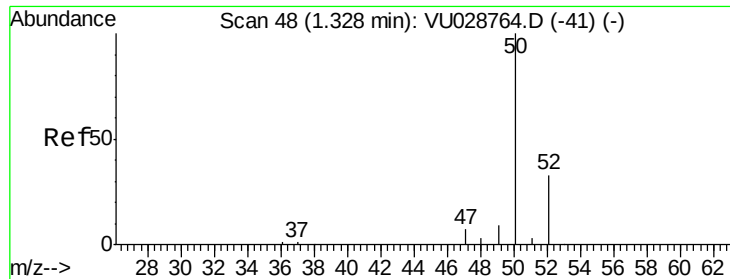
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.058 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

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Acq: 18 Dec 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

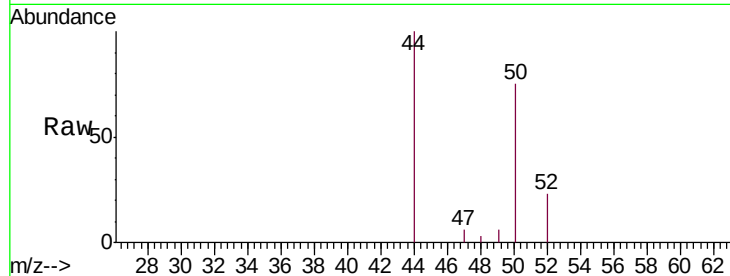
BE814

Tgt Ion: 50 Resp: 2641

Ion Ratio Lower Upper

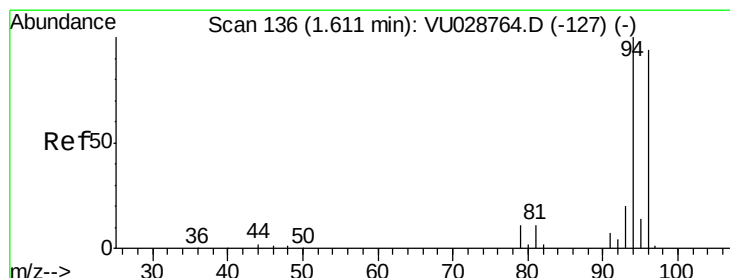
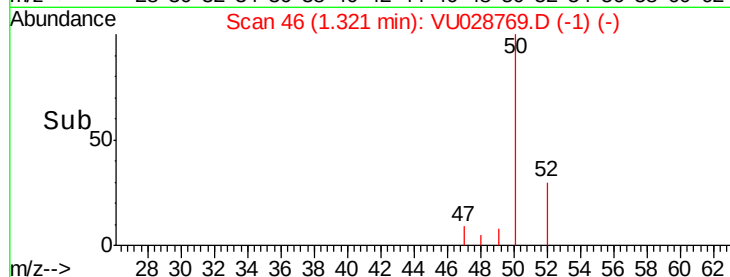
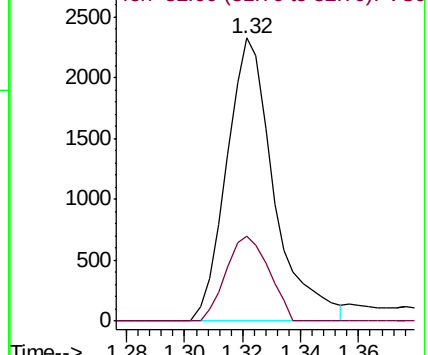
50 100

52 30.2 22.0 41.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 0.776 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU028769.D

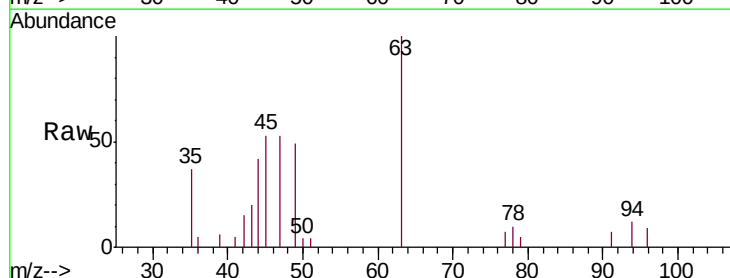
Acq: 18 Dec 2018 14:52

Tgt Ion: 94 Resp: 503

Ion Ratio Lower Upper

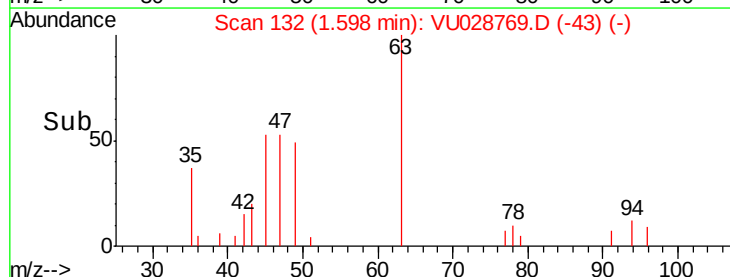
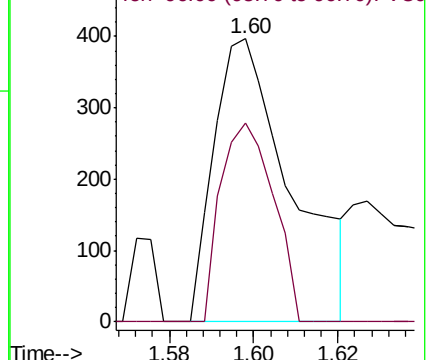
94 100

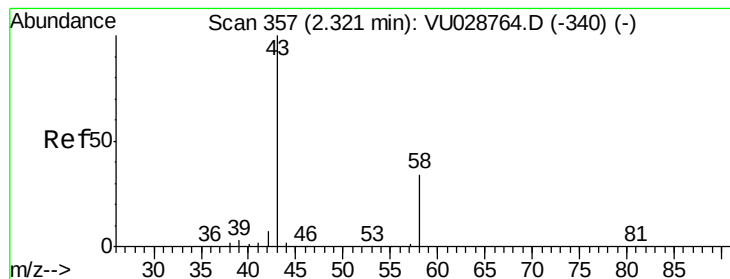
96 70.3 62.9 116.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13

Acetone

Concen: 0.912 ug/L

RT: 2.34 min Scan# 363

Delta R.T. 0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

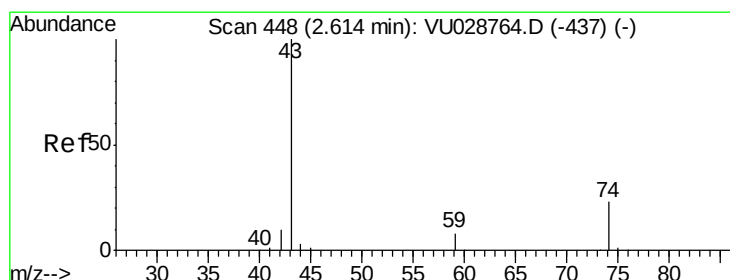
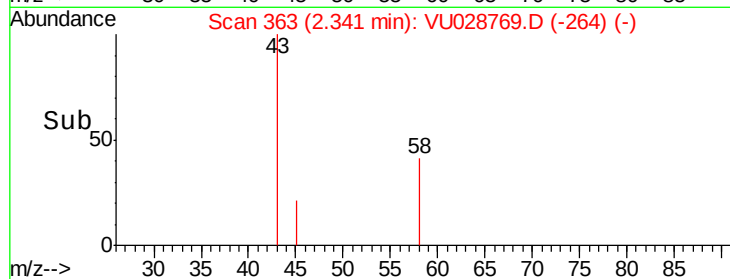
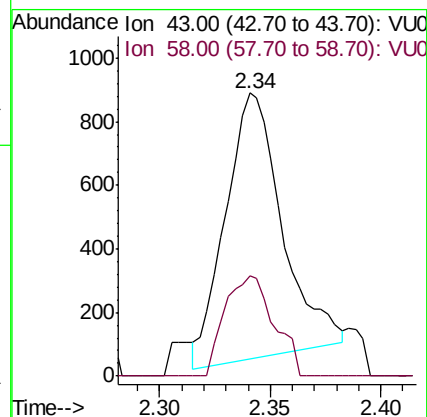
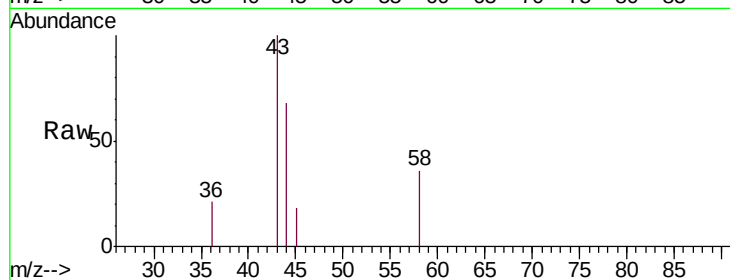
BE814

Tgt Ion: 43 Resp: 1491

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.0



#15

Methyl Acetate

Concen: 1.832 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028769.D

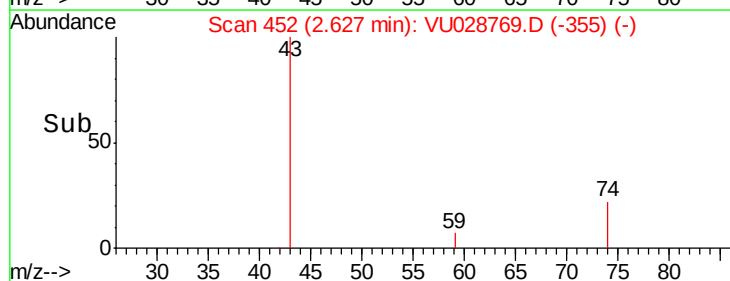
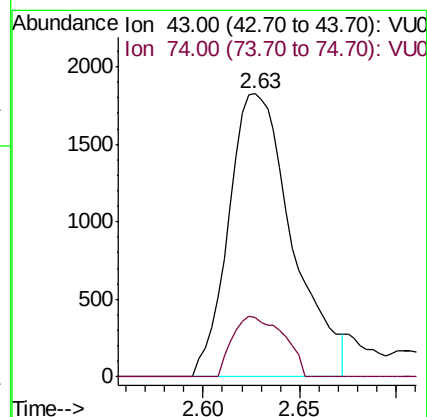
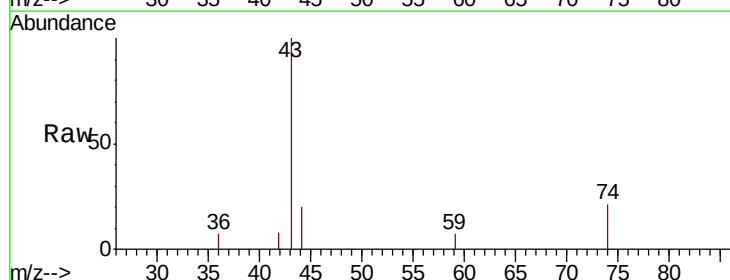
Acq: 18 Dec 2018 14:52

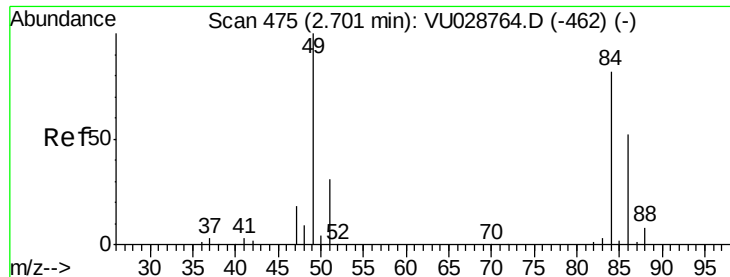
Tgt Ion: 43 Resp: 4173

Ion Ratio Lower Upper

43 100

74 17.2 15.4 23.0

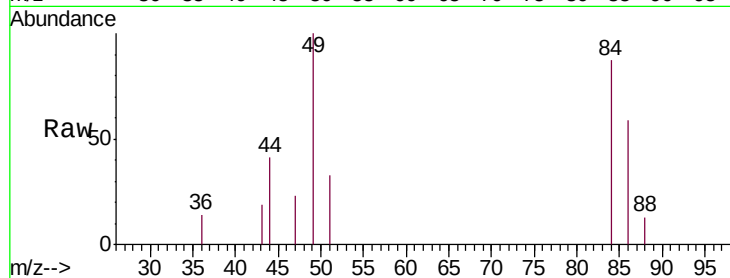




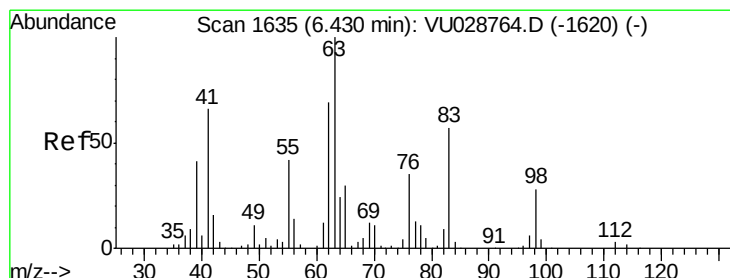
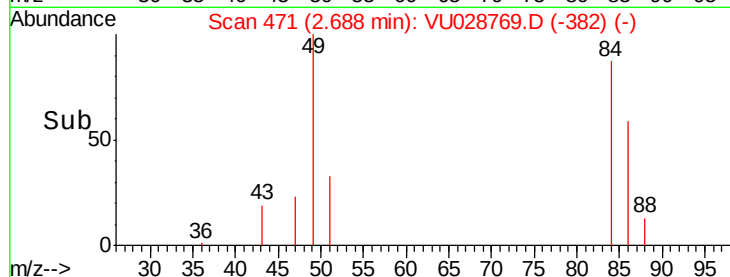
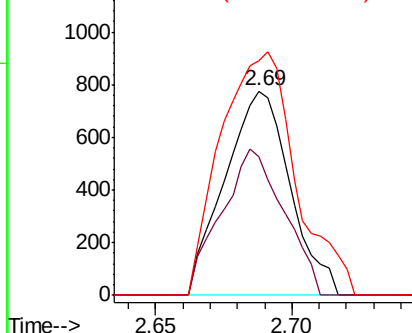
#16
Methylene chloride
Concen: 0.767 ug/L
RT: 2.69 min Scan# 471
Delta R.T. -0.01 min
Lab File: VU028769.D
Acq: 18 Dec 2018 14:52

Instrument :
MSVOA_U
ClientSampleId :
BE814

Tgt Ion: 84 Resp: 1287
Ion Ratio Lower Upper
84 100
86 68.0 44.3 82.3
49 114.9 100.0 185.6

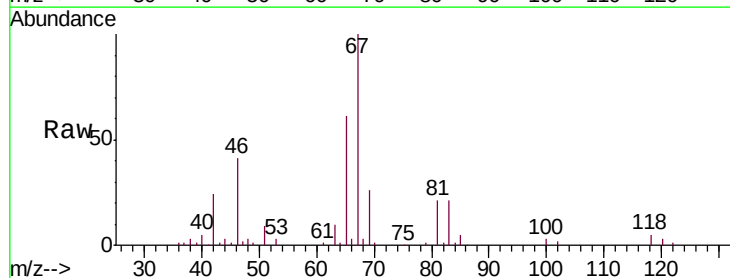


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

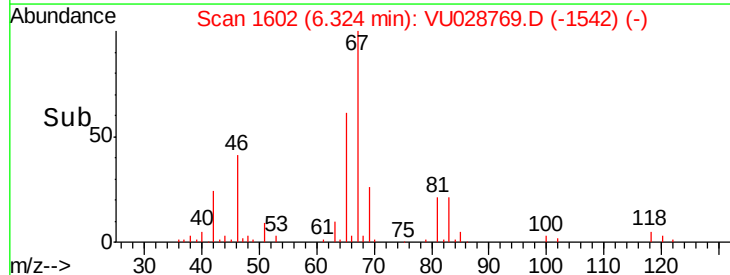
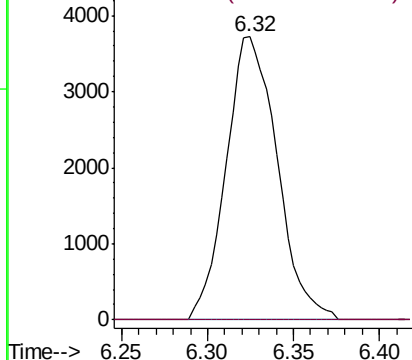


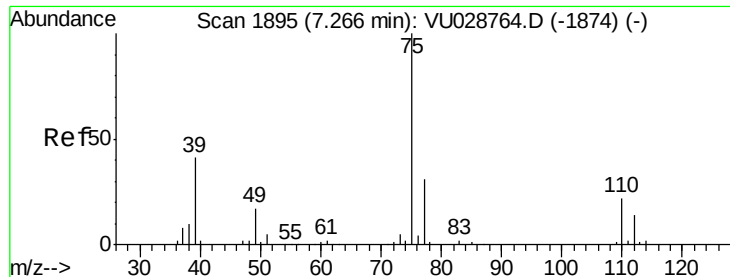
#37
1,2-Dichloropropane
Concen: 3.777 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU028769.D
Acq: 18 Dec 2018 14:52

Tgt Ion: 63 Resp: 7681
Ion Ratio Lower Upper
63 100
112 0.0 2.4 3.6#



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



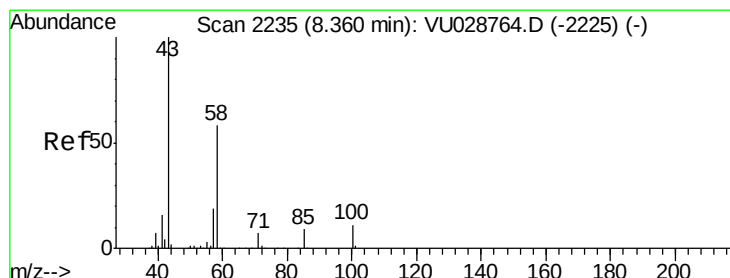
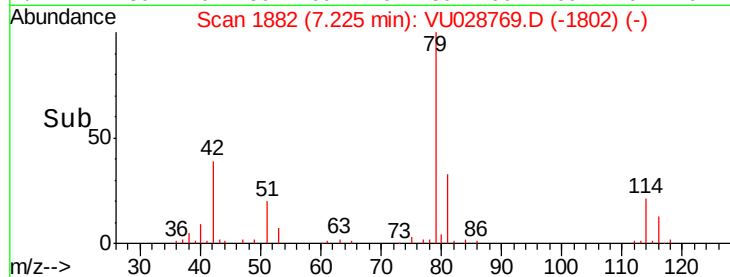
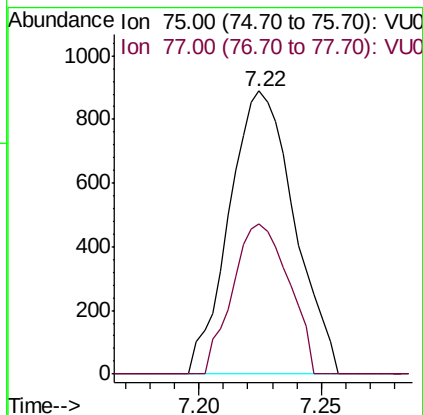
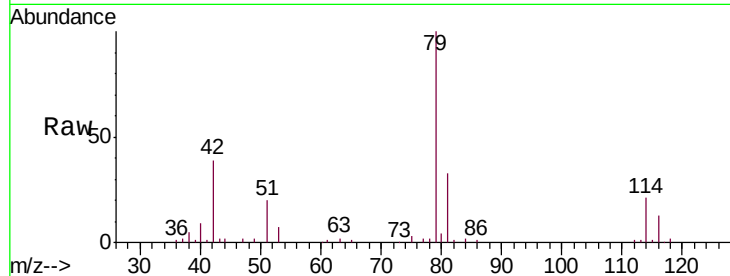


#39

cis-1,3-Dichloropropene
 Concen: 0.569 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028769.D
 Acq: 18 Dec 2018 14:52

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 ClientSampleId :
 BE814

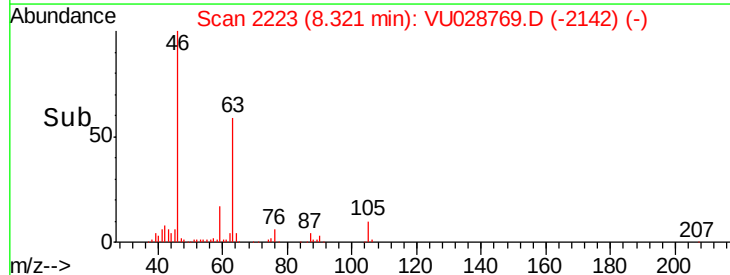
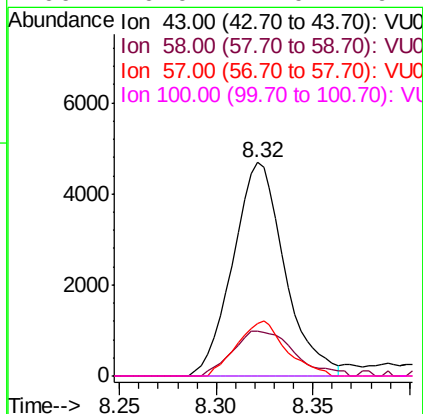
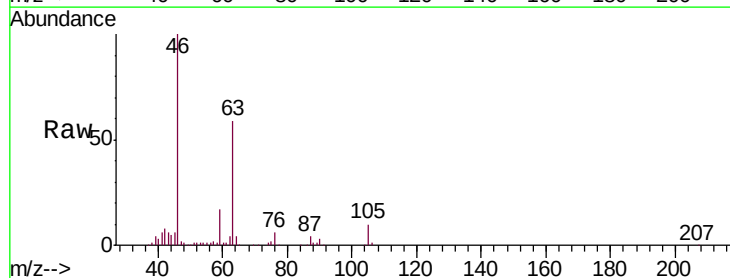
Tgt Ion: 75 Resp: 1642
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.8 40.6#

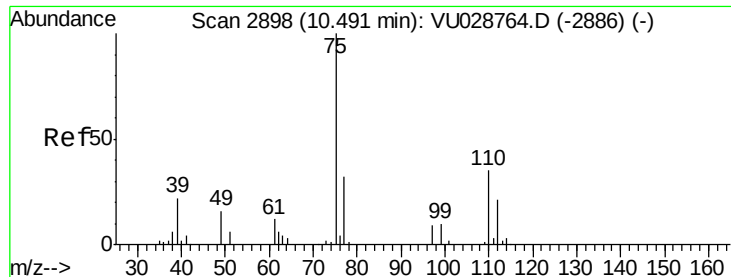


#48

2-Hexanone
 Concen: 3.333 ug/L
 RT: 8.32 min Scan# 2223
 Delta R.T. -0.04 min
 Lab File: VU028769.D
 Acq: 18 Dec 2018 14:52

Tgt Ion: 43 Resp: 8733
 Ion Ratio Lower Upper
 43 100
 58 25.1 41.6 62.4#
 57 24.4 13.8 20.6#
 100 0.0 7.0 10.4#





#59

1,2,3-Trichloropropane

Concen: 5.080 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028769.D

Acq: 18 Dec 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

BE814

Tgt Ion: 75 Resp: 11674

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

