

Data File : VU030513.D
Acq On : 28 Mar 2019 14:39
Operator : JC/SP
Sample : VU0328MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK31

Quant Time: Mar 29 01:21:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	369363	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	350409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	139507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154715	52.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.10%
7) Chloroethane-d5	1.68	69	124892	53.01	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.02%
11) 1,1-Dichloroethene-d2	2.27	63	223987	39.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.44%
21) 2-Butanone-d5	4.17	46	252345	90.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.30%
24) Chloroform-d	4.64	84	266513	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	5.31	65	180968	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.34	84	536566	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.33	67	185665	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.00%
41) Toluene-d8	7.56	98	466891	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%
43) trans-1,3-Dichloropropene-	7.85	79	83221	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.96%
47) 2-Hexanone-d5	8.31	63	126695	68.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	239609	48.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	152284	54.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.96%

Target Compounds

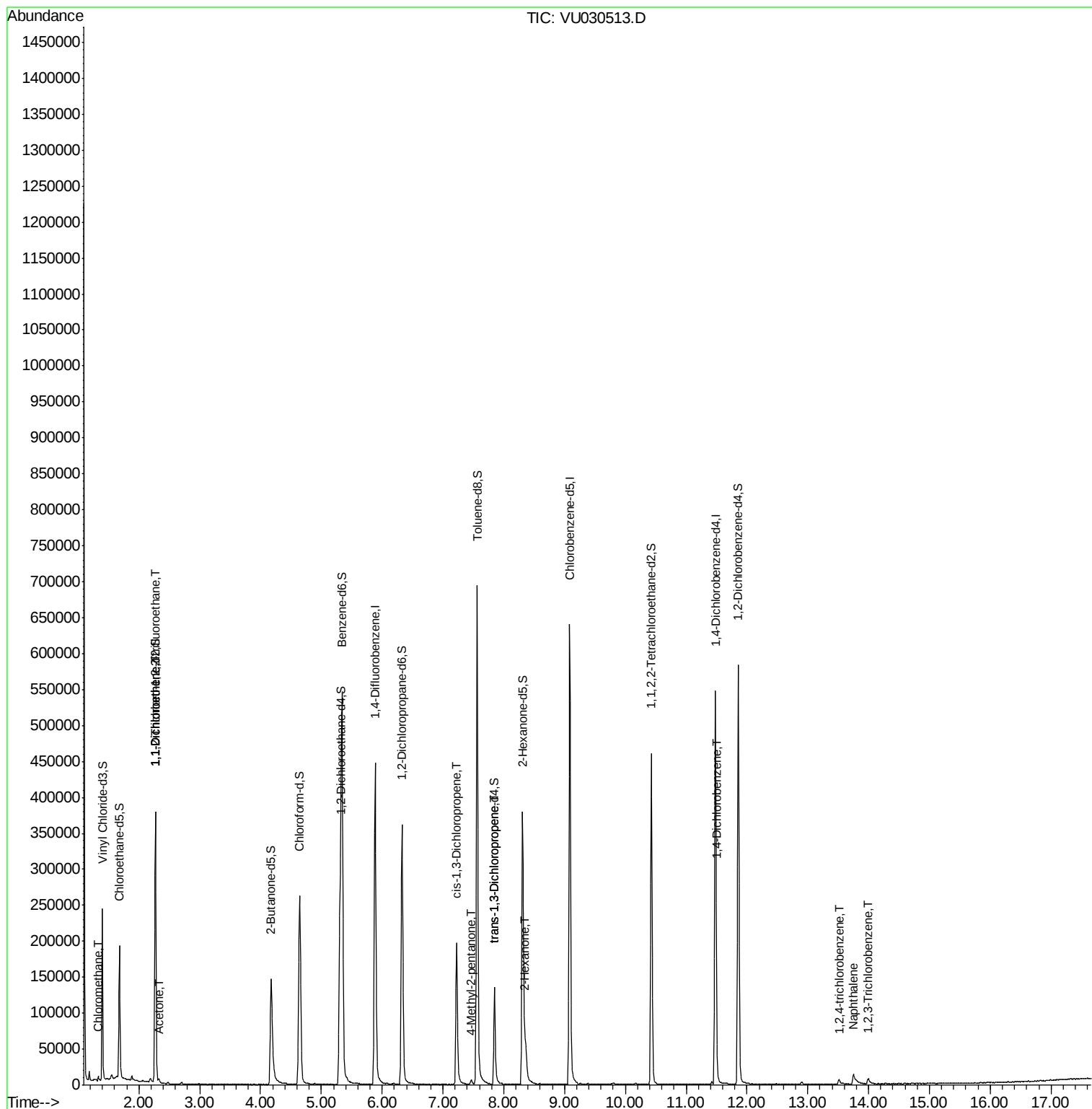
					Qvalue	
3) Chloromethane	1.33	50	4437	0.973	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1900	0.705	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2045	0.774	ug/L #	1
13) Acetone	2.32	43	1496	0.529	ug/L	76
39) cis-1,3-Dichloropropene	7.23	75	5246	1.078	ug/L #	74
40) 4-Methyl-2-pentanone	7.47	43	5402	0.950	ug/L #	95
44) trans-1,3-Dichloropropene	7.85	75	3092	0.722	ug/L	85
48) 2-Hexanone	8.36	43	32091	6.886	ug/L #	78
63) 1,4-Dichlorobenzene	11.50	146	3296	0.702	ug/L	88
68) 1,2,4-trichlorobenzene	13.52	180	2755	0.928	ug/L #	81
69) Naphthalene	13.75	128	13866	1.314	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.99	180	3219	1.027	ug/L #	91

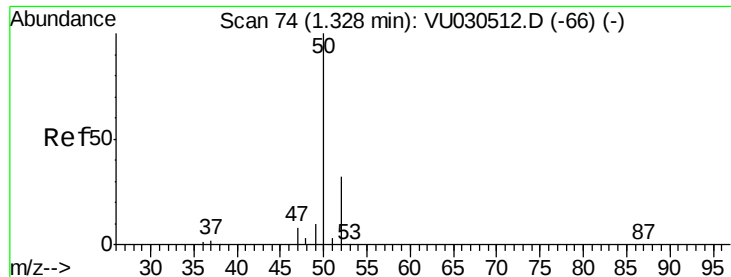
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.973 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

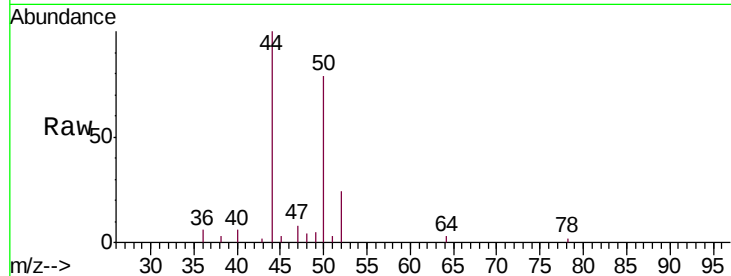
VBLK31

Tgt Ion: 50 Resp: 4437

Ion Ratio Lower Upper

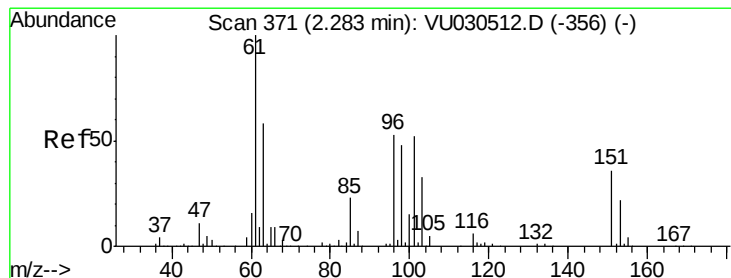
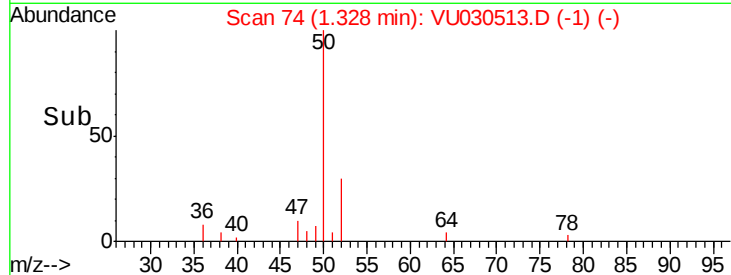
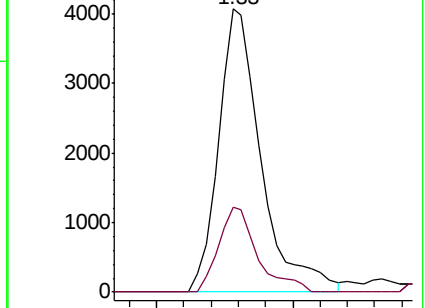
50 100

52 30.2 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030513.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030513.D (-1) (-)



#10

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

Concen: 0.705 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

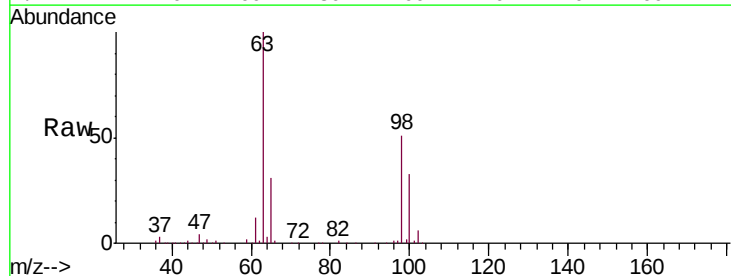
Tgt Ion: 101 Resp: 1900

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

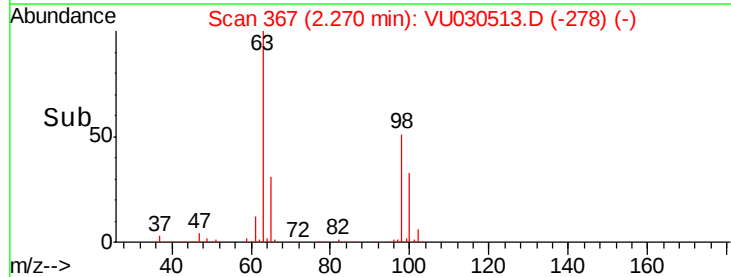
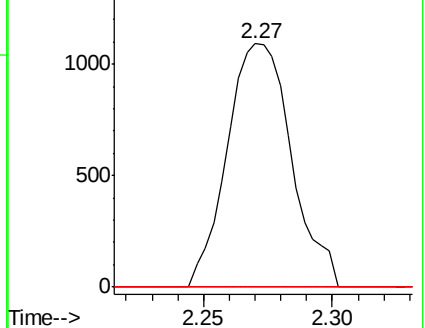
151 0.0 56.6 85.0#

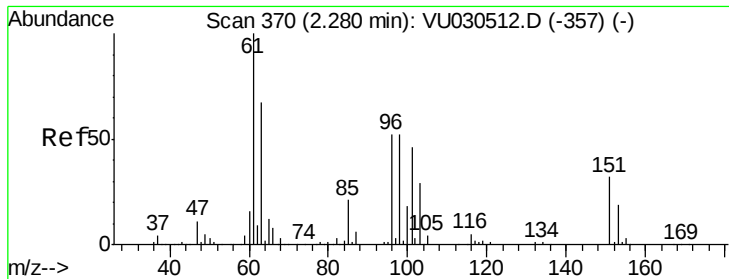


Abundance Ion 101.00 (100.70 to 101.70): VU030513.D (-278) (-)

Ion 85.00 (84.70 to 85.70): VU030513.D (-278) (-)

Ion 151.00 (150.70 to 151.70): VU030513.D (-278) (-)





#12

1,1-Dichloroethene

Concen: 0.774 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK31

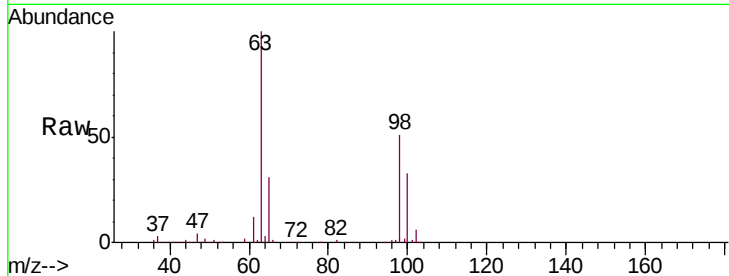
Tgt Ion: 96 Resp: 2045

Ion Ratio Lower Upper

96 100

61 1436.8 131.0 243.4#

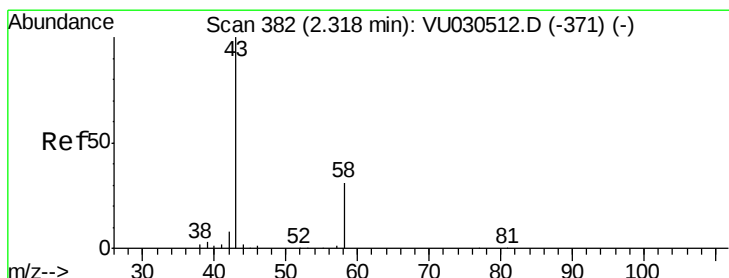
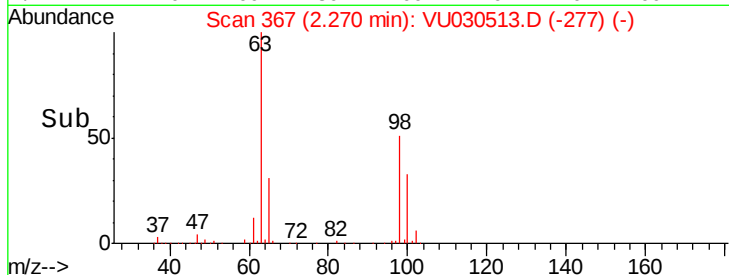
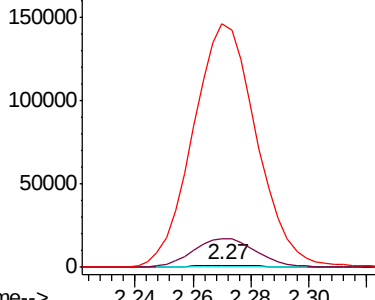
63 12136.7 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030513.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU030513.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030513.D (-277) (-)



#13

Acetone

Concen: 0.529 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030513.D

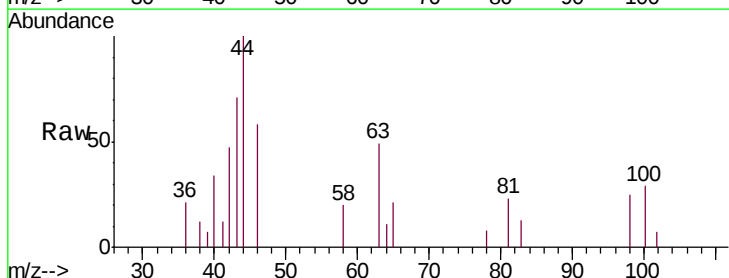
Acq: 28 Mar 2019 14:39

Tgt Ion: 43 Resp: 1496

Ion Ratio Lower Upper

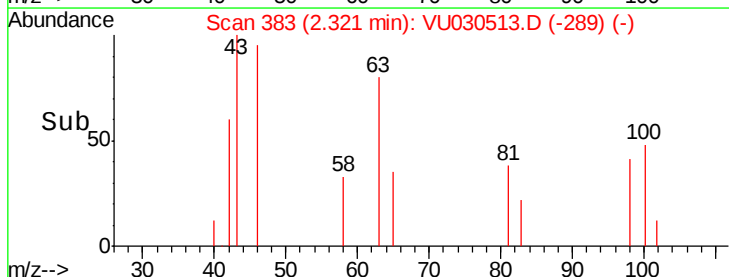
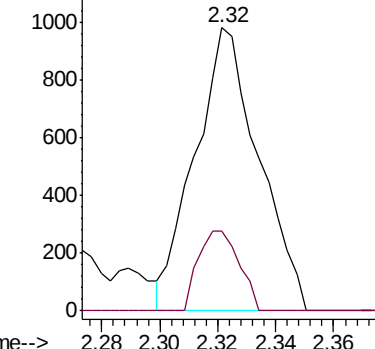
43 100

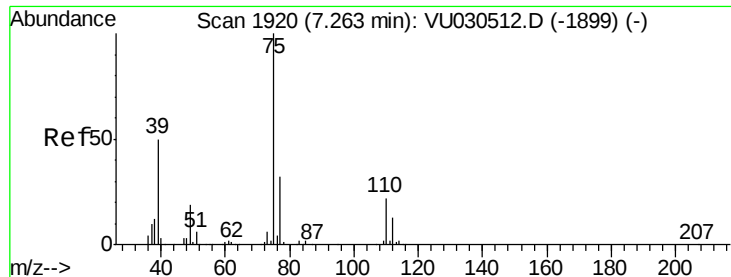
58 18.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030513.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU030513.D (-289) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.078 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

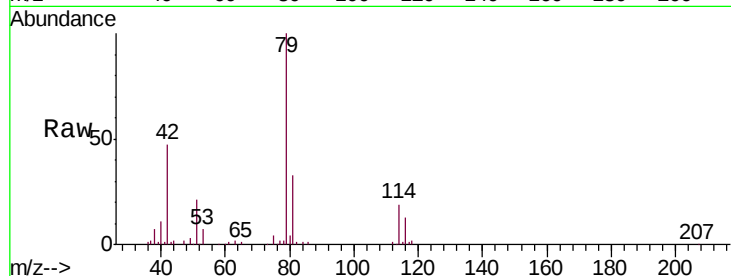
VBLK31

Tgt Ion: 75 Resp: 5246

Ion Ratio Lower Upper

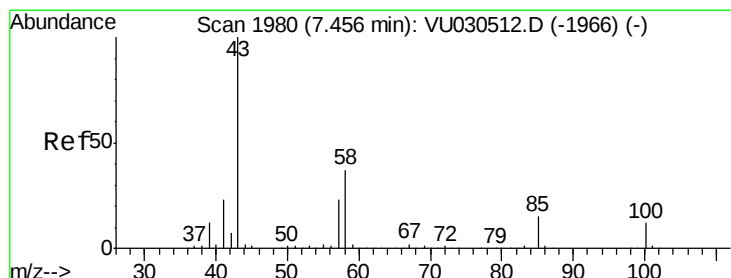
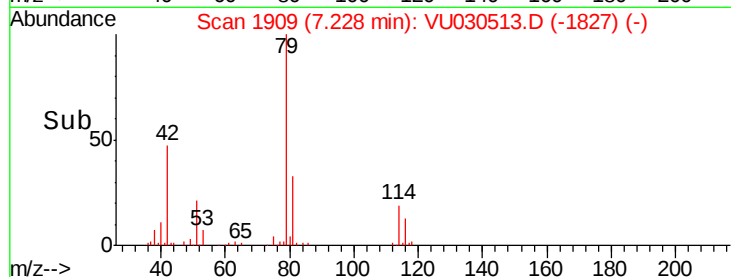
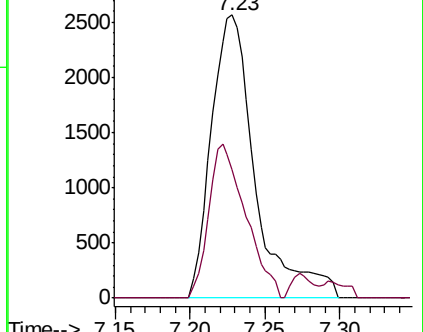
75 100

77 45.3 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU030512.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030512.D (-1899) (-)



#40

4-Methyl-2-pentanone

Concen: 0.950 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

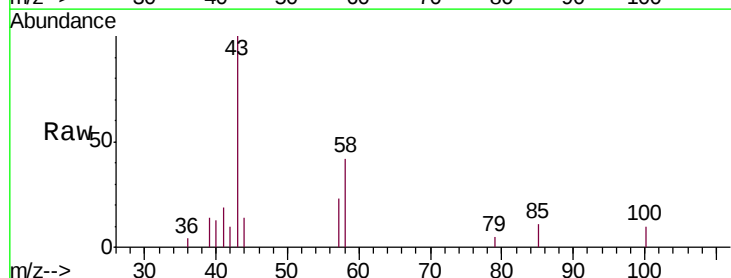
Tgt Ion: 43 Resp: 5402

Ion Ratio Lower Upper

43 100

58 36.2 30.6 45.8

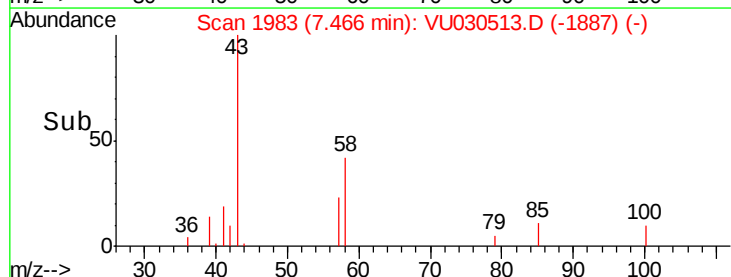
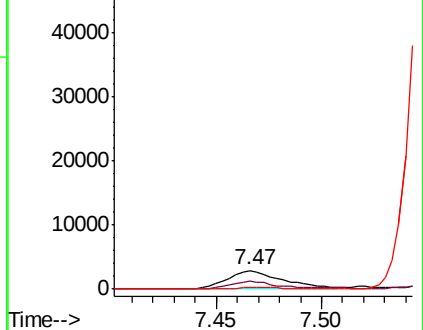
100 7.9 9.5 14.3#

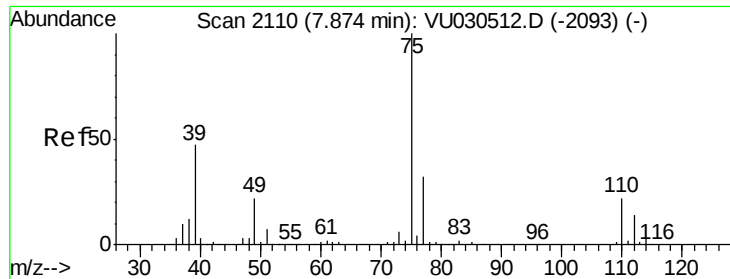


Abundance Ion 43.00 (42.70 to 43.70): VU030512.D (-1966) (-)

Ion 58.00 (57.70 to 58.70): VU030512.D (-1966) (-)

Ion 100.00 (99.70 to 100.70): VU030512.D (-1966) (-)

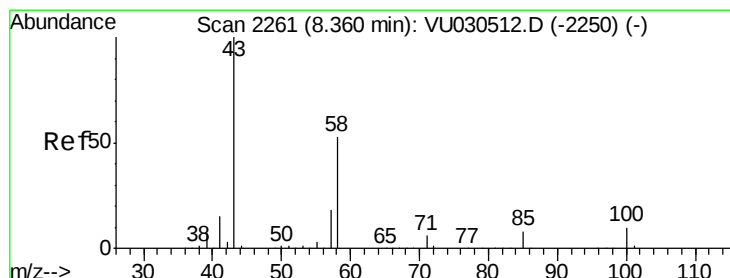
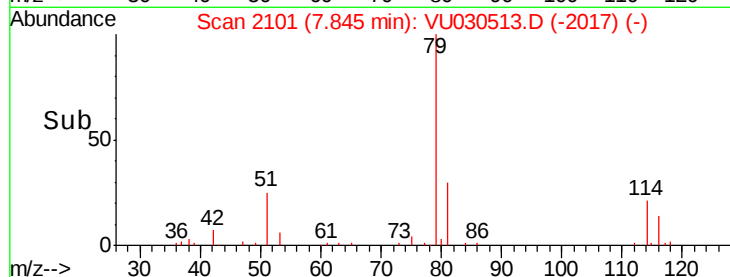
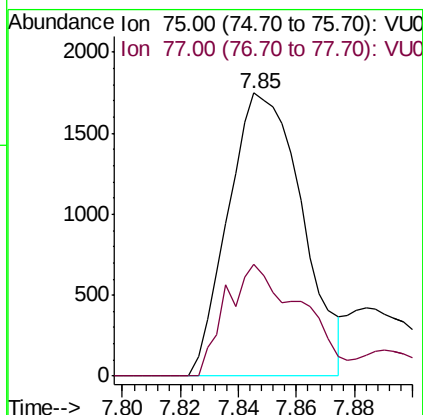
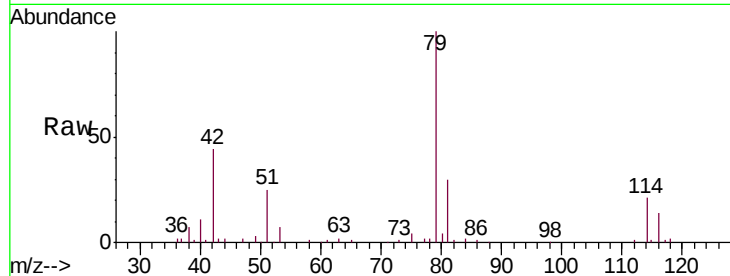




#44
trans-1,3-Dichloropropene
Concen: 0.722 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030513.D
Acq: 28 Mar 2019 14:39

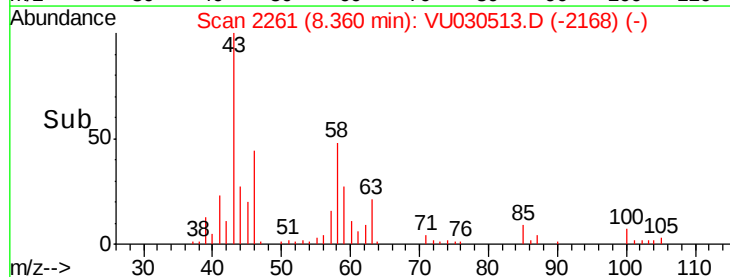
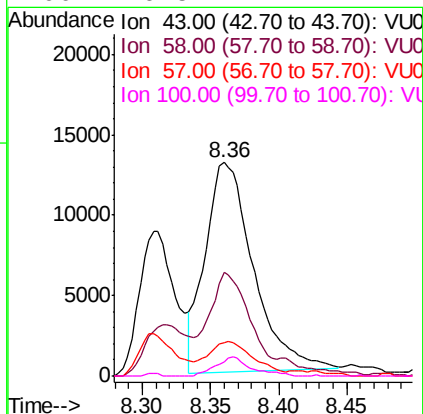
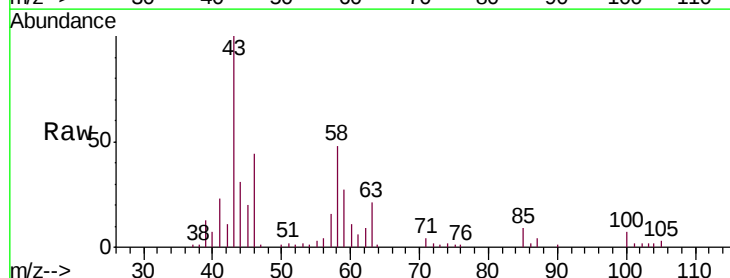
Instrument :
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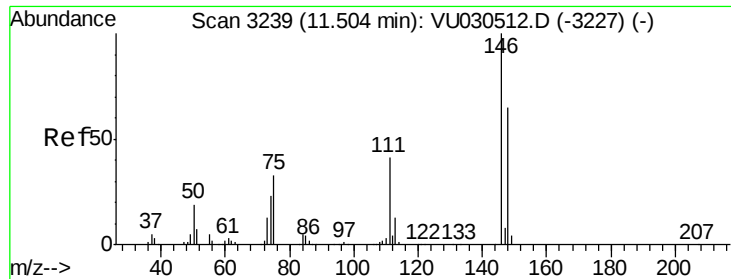
Tgt Ion: 75 Resp: 3092
Ion Ratio Lower Upper
75 100
77 39.5 22.0 40.8



#48
2-Hexanone
Concen: 6.886 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030513.D
Acq: 28 Mar 2019 14:39

Tgt Ion: 43 Resp: 32091
Ion Ratio Lower Upper
43 100
58 32.5 42.5 63.7#
57 13.6 15.0 22.6#
100 6.5 7.4 11.2#

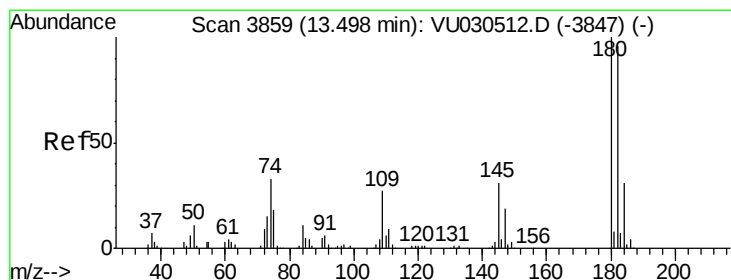
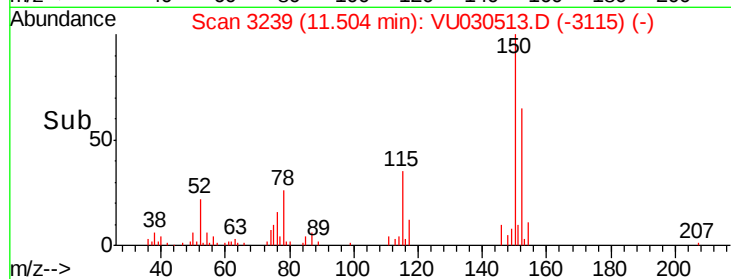
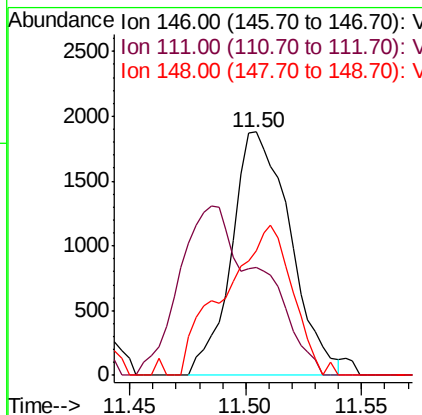
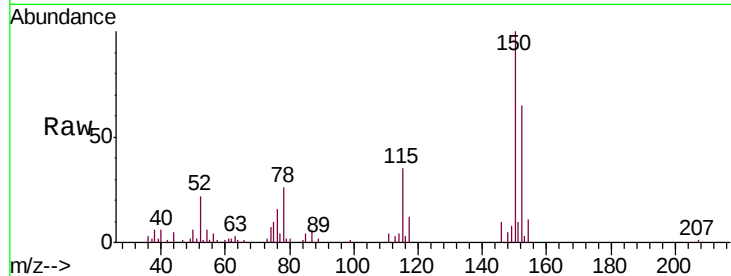




#63
 1,4-Dichlorobenzene
 Concen: 0.702 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030513.D
 Acq: 28 Mar 2019 14:39

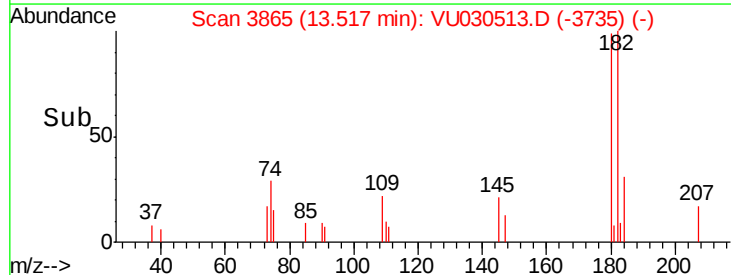
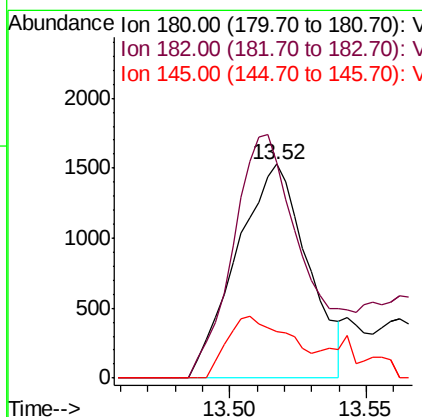
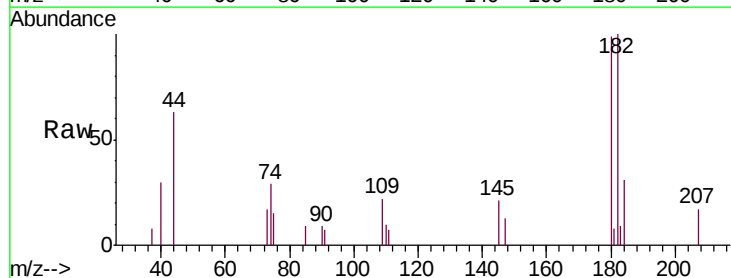
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK31

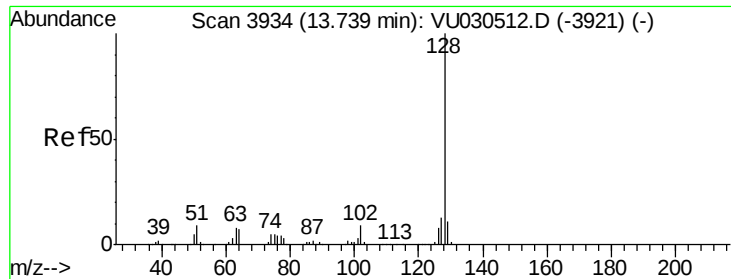
Tgt Ion:146 Resp: 3296
 Ion Ratio Lower Upper
 146 100
 111 44.4 28.7 53.3
 148 51.1 44.3 82.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.928 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU030513.D
 Acq: 28 Mar 2019 14:39

Tgt Ion:180 Resp: 2755
 Ion Ratio Lower Upper
 180 100
 182 116.6 76.1 114.1#
 145 25.6 24.5 36.7





#69

Naphthalene

Concen: 1.314 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK31

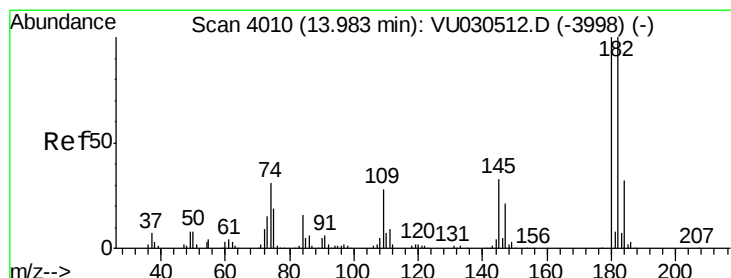
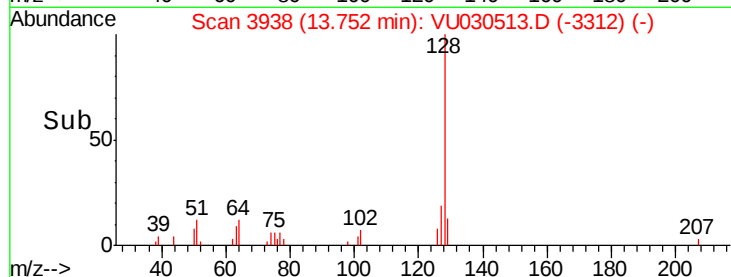
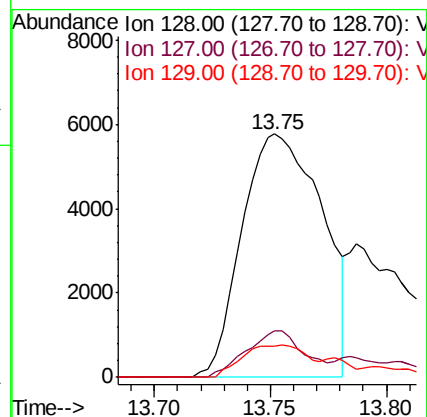
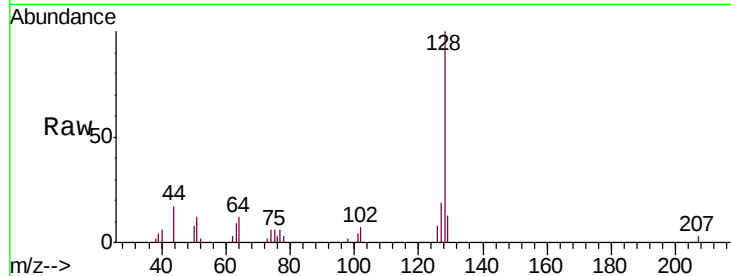
Tgt Ion:128 Resp: 13866

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 4.9 8.4 12.6#



#70

1,2,3-Trichlorobenzene

Concen: 1.027 ug/L

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU030513.D

Acq: 28 Mar 2019 14:39

Tgt Ion:180 Resp: 3219

Ion Ratio Lower Upper

180 100

182 104.6 77.4 116.2

145 25.2 25.9 38.9#

