

Data File : VU030217.D
Acq On : 20 Mar 2019 09:20
Operator : JC/SP
Sample : VU0320MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK40

Quant Time: Mar 22 01:04:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	543409	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244037	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167145	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.98%
7) Chloroethane-d5	1.68	69	140736	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	229920	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	4.17	46	267510	98.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.13%
24) Chloroform-d	4.64	84	312876	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	188339	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
32) Benzene-d6	5.34	84	677300	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.33	67	210043	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.56	98	606976	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
43) trans-1,3-Dichloropropene-	7.85	79	96597	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.31	63	226193	102.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317386	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	247508	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

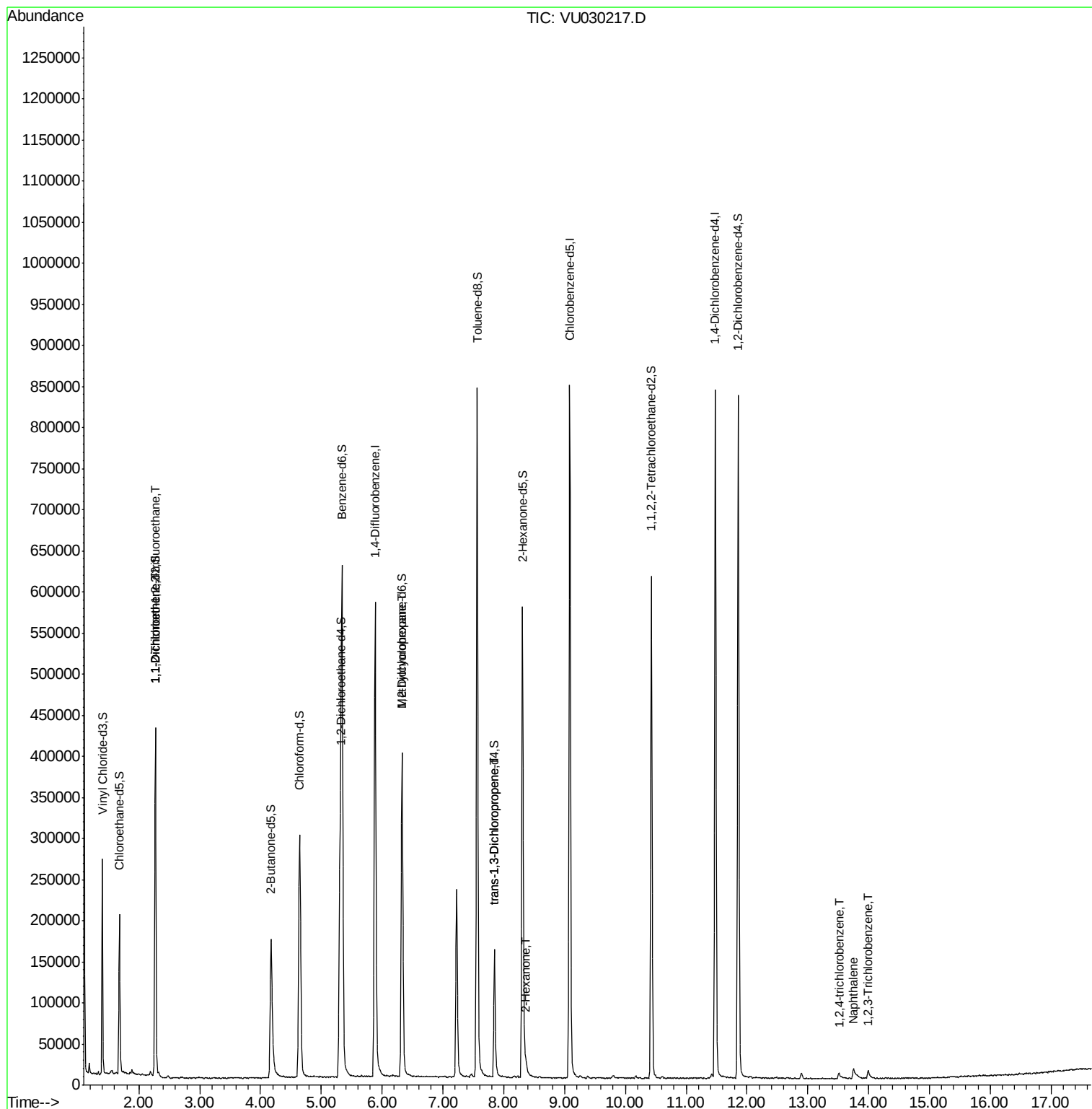
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2531	0.693	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2162	0.596	ug/L #	1
35) Methylcyclohexane	6.33	83	48429	7.811	ug/L #	21
44) trans-1,3-Dichloropropene	7.85	75	3763	0.705	ug/L #	62
48) 2-Hexanone	8.37	43	6948	1.585	ug/L #	93
68) 1,2,4-trichlorobenzene	13.51	180	3575	0.664	ug/L #	87
69) Naphthalene	13.75	128	19141	1.121	ug/L #	90
70) 1,2,3-Trichlorobenzene	14.00	180	4445	0.792	ug/L	86

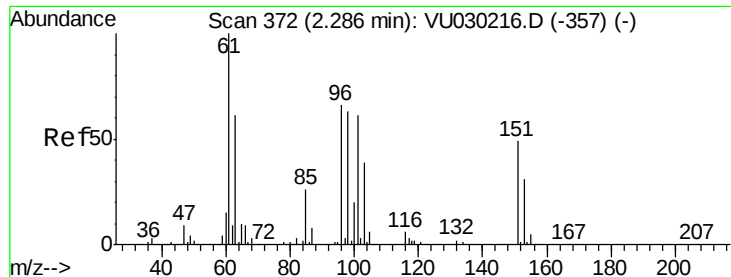
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.693 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030217.D

Acq: 20 Mar 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK40

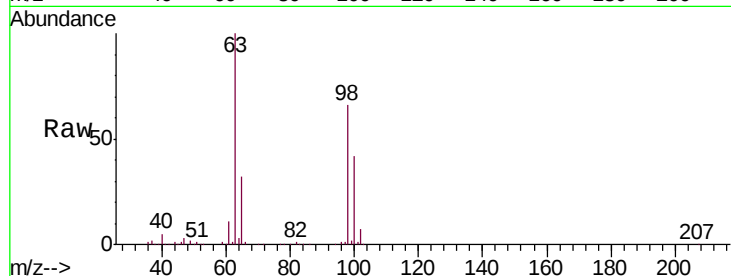
Tgt Ion: 101 Resp: 2531

Ion Ratio Lower Upper

101 100

85 1.7 32.5 48.7#

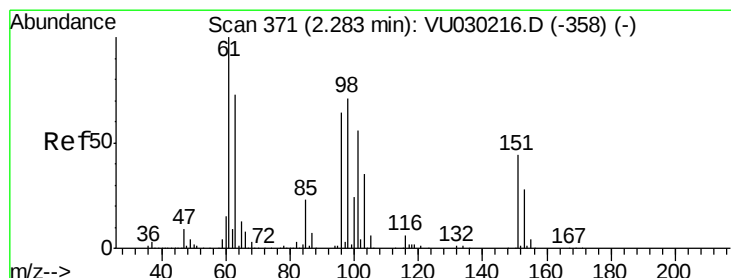
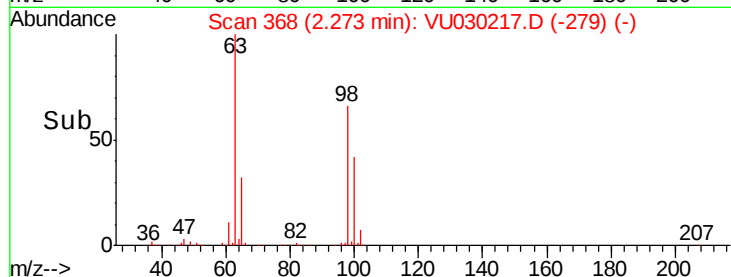
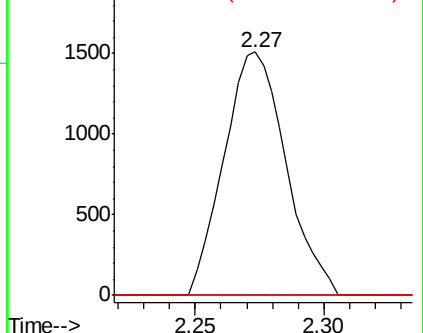
151 0.0 64.7 97.1#



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: 0.596 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030217.D

Acq: 20 Mar 2019 09:20

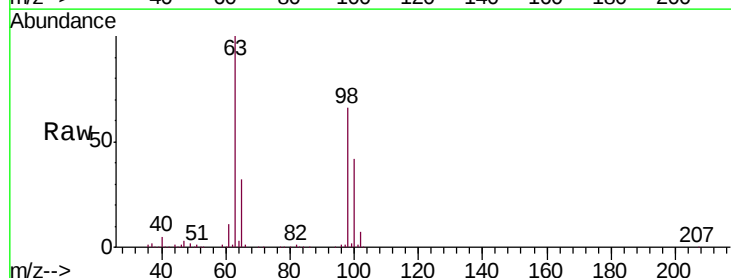
Tgt Ion: 96 Resp: 2162

Ion Ratio Lower Upper

96 100

61 1120.3 104.6 194.2#

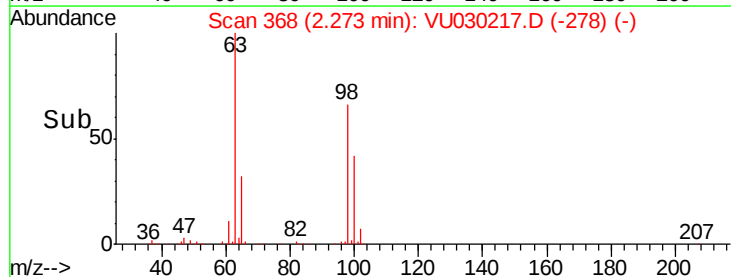
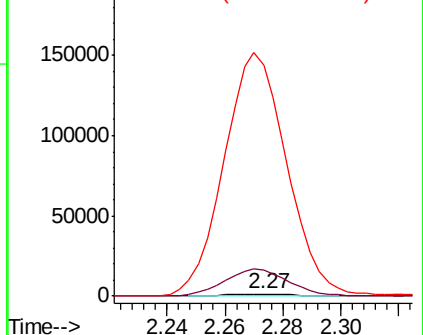
63 10069.3 77.2 143.4#

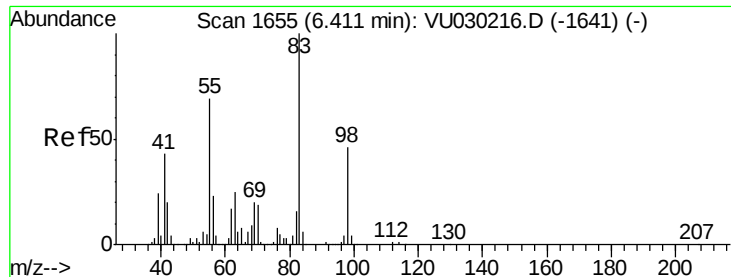


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

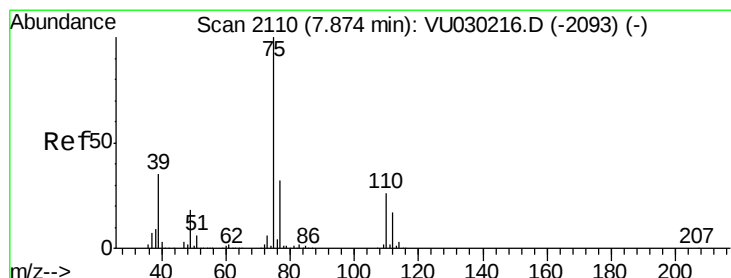
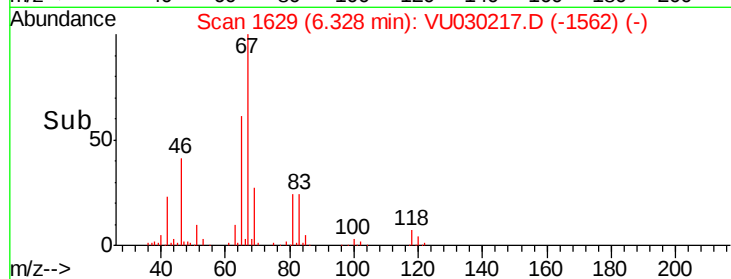
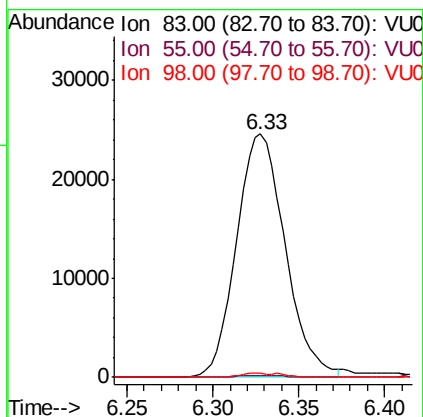
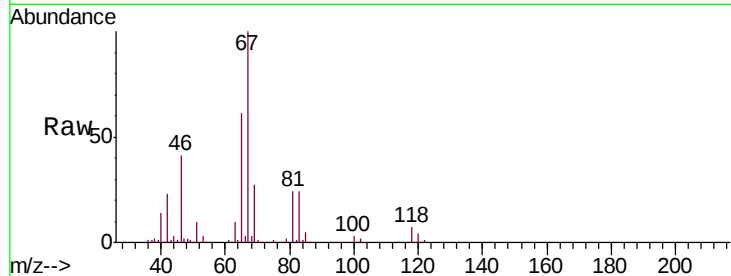




#35
Methylcyclohexane
Concen: 7.811 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030217.D
Acq: 20 Mar 2019 09:20

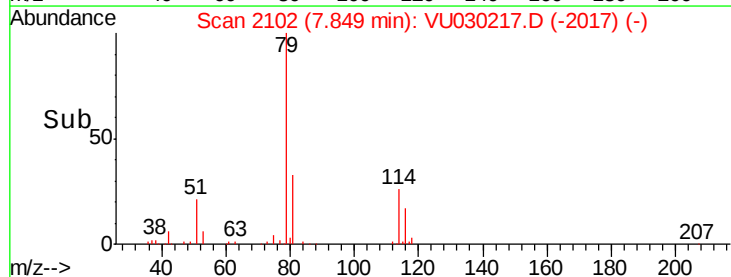
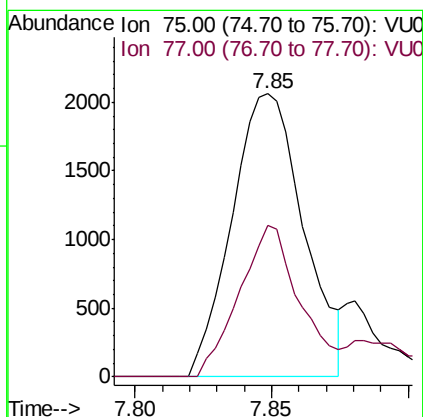
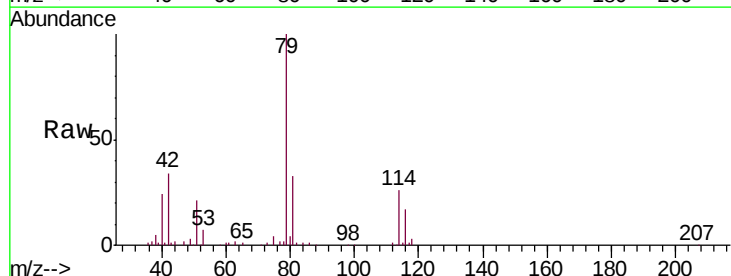
Instrument :
MSVOA_U
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VBLK40

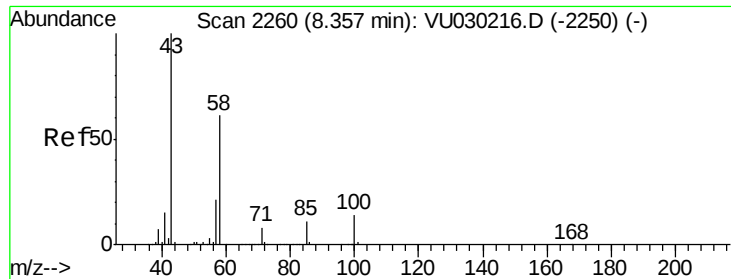
Tgt Ion: 83 Resp: 48429
Ion Ratio Lower Upper
83 100
55 0.4 56.6 85.0#
98 1.1 37.0 55.4#



#44
trans-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030217.D
Acq: 20 Mar 2019 09:20

Tgt Ion: 75 Resp: 3763
Ion Ratio Lower Upper
75 100
77 53.7 22.7 42.1#

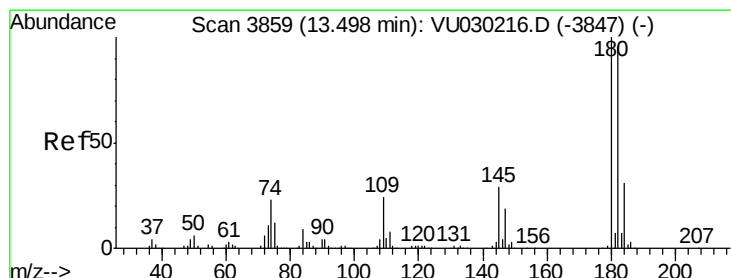
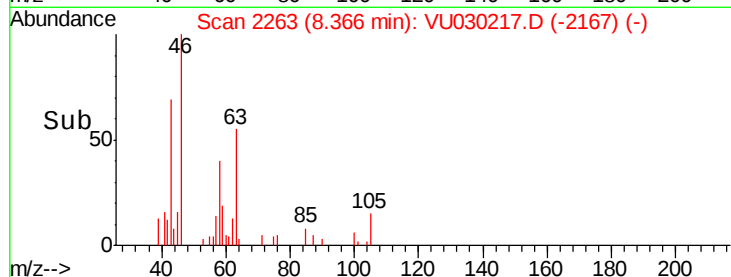
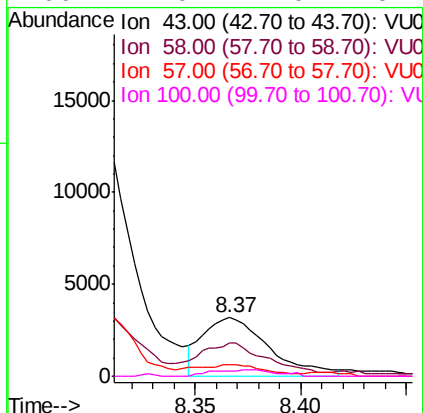
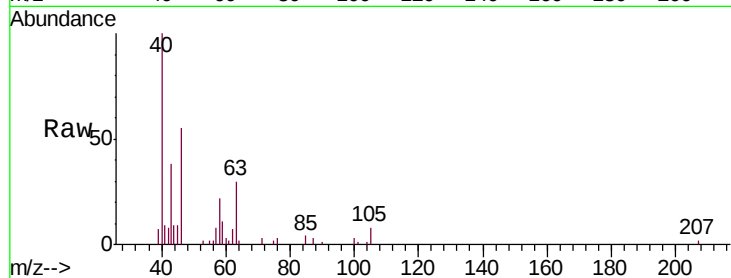




#48
2-Hexanone
Concen: 1.585 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030217.D
Acq: 20 Mar 2019 09:20

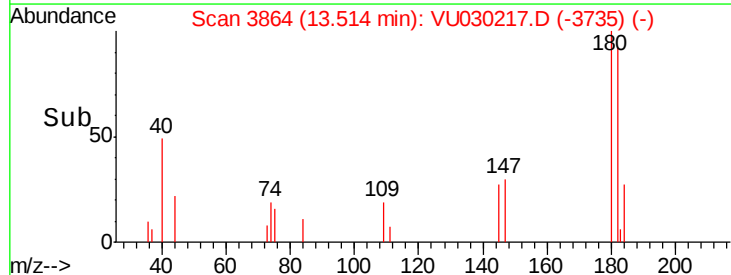
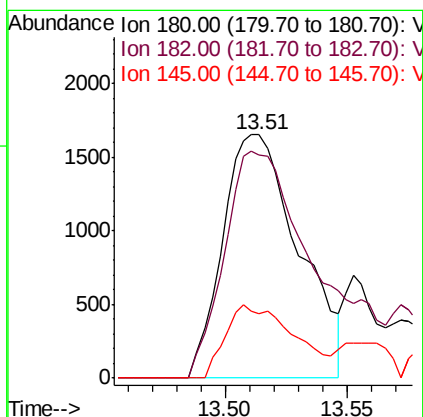
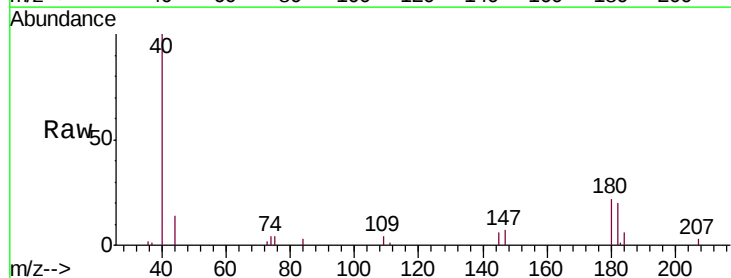
Instrument :
MSVOA_U
ClientSampleId :
VBLK40

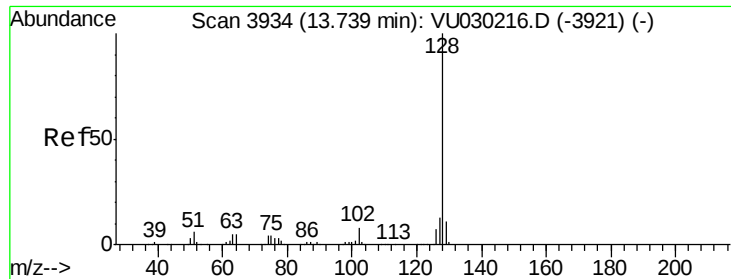
Tgt Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
58 62.9 49.3 73.9
57 14.9 17.0 25.4#
100 4.0 11.0 16.4#



#68
1,2,4-trichlorobenzene
Concen: 0.664 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.02 min
Lab File: VU030217.D
Acq: 20 Mar 2019 09:20

Tgt Ion: 180 Resp: 3575
Ion Ratio Lower Upper
180 100
182 103.4 76.4 114.6
145 13.6 22.7 34.1#





#69

Naphthalene

Concen: 1.121 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU030217.D

Acq: 20 Mar 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK40

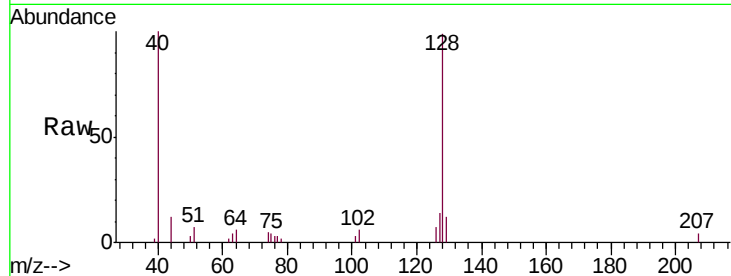
Tgt Ion:128 Resp: 19141

Ion Ratio Lower Upper

128 100

127 8.6 10.2 15.2#

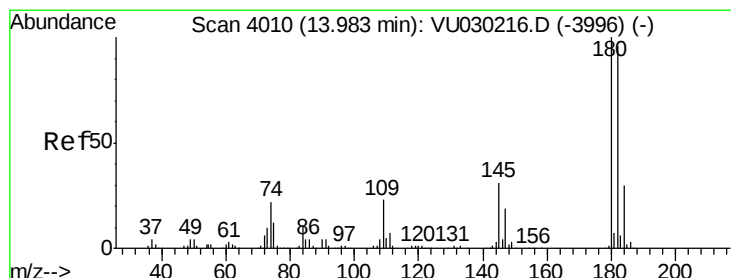
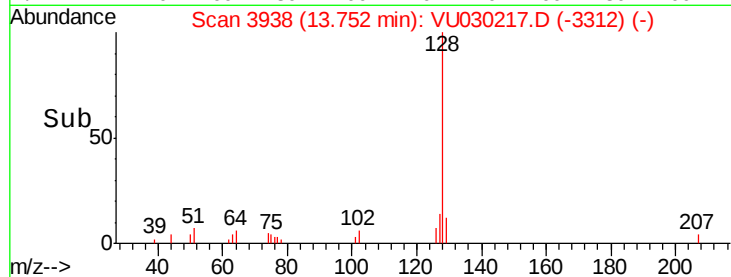
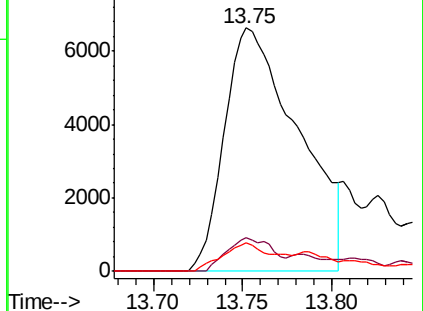
129 6.8 8.5 12.7#



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: 0.792 ug/L

RT: 14.00 min Scan# 4014

Delta R.T. 0.01 min

Lab File: VU030217.D

Acq: 20 Mar 2019 09:20

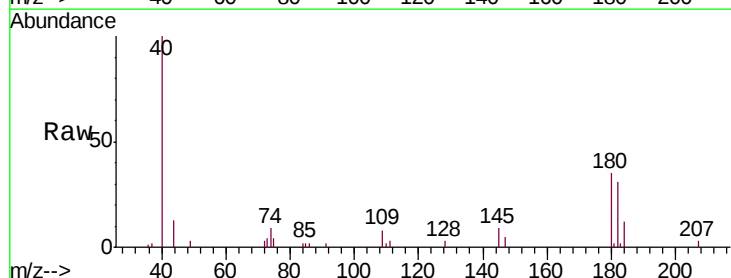
Tgt Ion:180 Resp: 4445

Ion Ratio Lower Upper

180 100

182 110.9 75.9 113.9

145 25.8 24.1 36.1



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

