

Data File : VU031404.D
Acq On : 22 Apr 2019 20:56
Operator : JC/SP
Sample : BLK01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK39

Quant Time: Apr 23 04:06:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	708025	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	658415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	276334	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.68	69	217074	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.38%
11) 1,1-Dichloroethene-d2	2.27	63	374173	37.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.98%
21) 2-Butanone-d5	4.19	46	436315	101.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	4.64	84	430134	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.31	65	269007	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.34	84	928860	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.33	67	301982	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.68%
41) Toluene-d8	7.56	98	817842	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%
43) trans-1,3-Dichloropropene-	7.85	79	130587	46.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.64%
47) 2-Hexanone-d5	8.31	63	310299	101.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	408943	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	289618	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4319	0.985	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3999	0.927	ug/L #	1
14) Carbon disulfide	2.48	76	10795	0.834	ug/L	99
40) 4-Methyl-2-pentanone	7.48	43	4419	0.573	ug/L #	45
48) 2-Hexanone	8.38	43	9331	1.551	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	32032	5.113	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	4710	0.578	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	5547	0.682	ug/L	91
67) 1,3,5-Trichlorobenzene	12.90	180	4207	0.700	ug/L #	71
68) 1,2,4-trichlorobenzene	13.52	180	2300	0.476	ug/L #	21
69) Naphthalene	13.76	128	7585	0.452	ug/L #	85
70) 1,2,3-Trichlorobenzene	13.99	180	3332	0.640	ug/L #	73

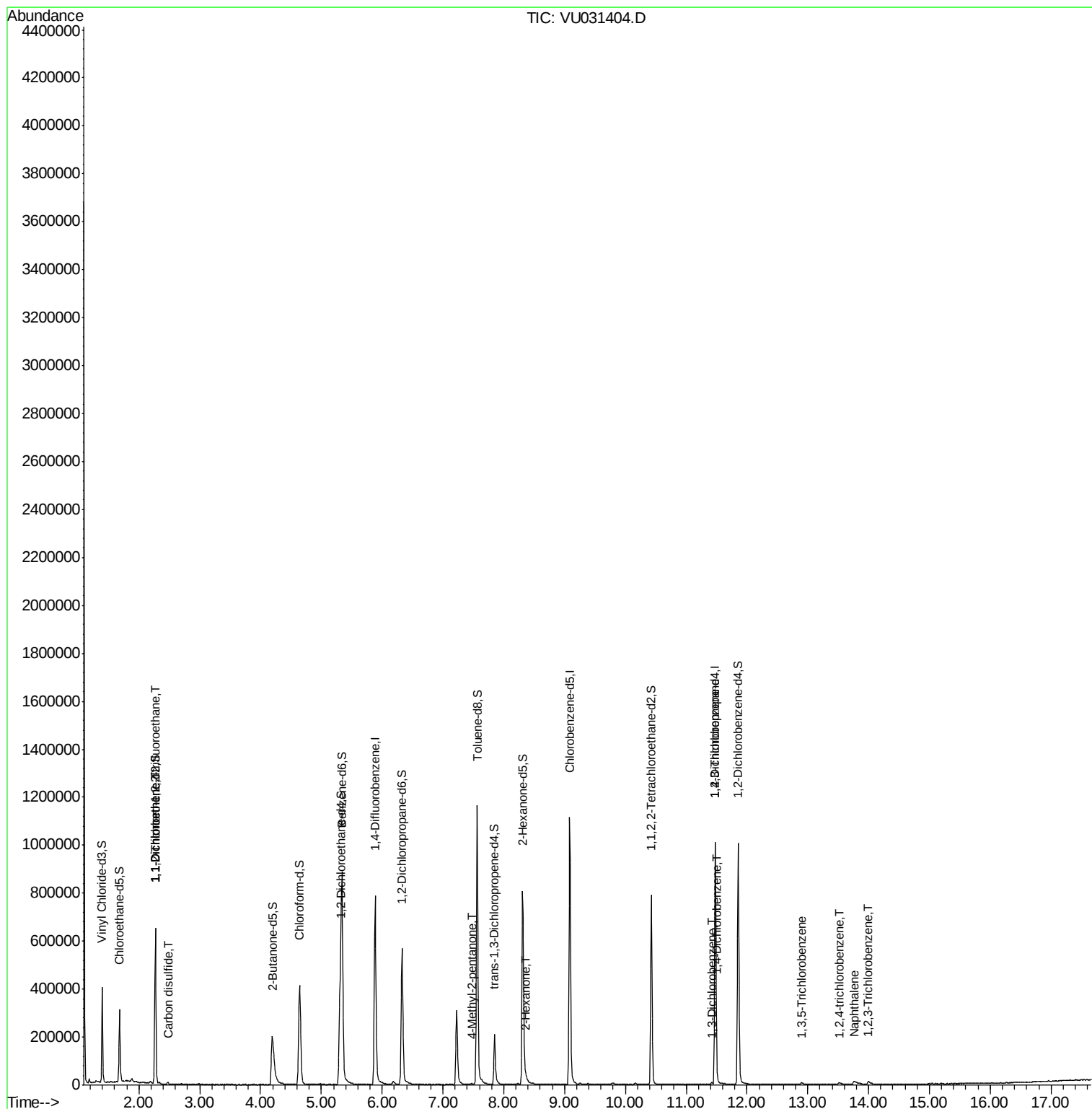
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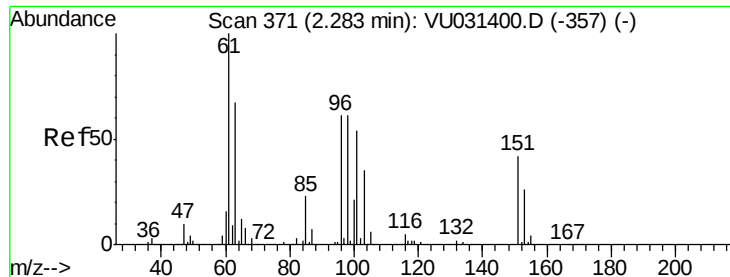
Data File : VU031404.D

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#10

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

Concen: 0.985 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031404.D

Acq: 22 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK39

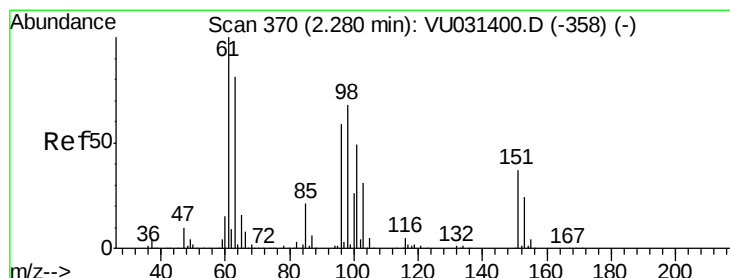
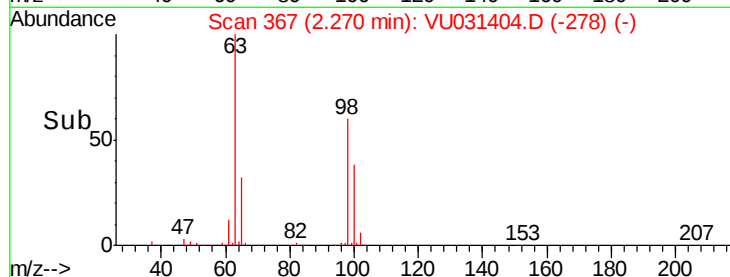
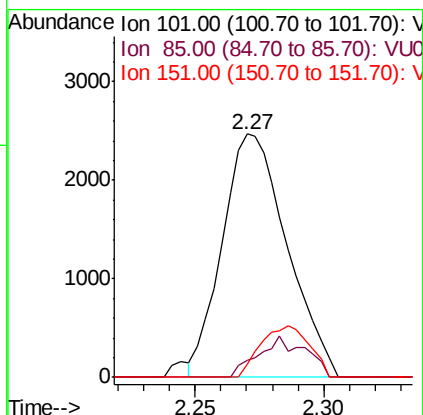
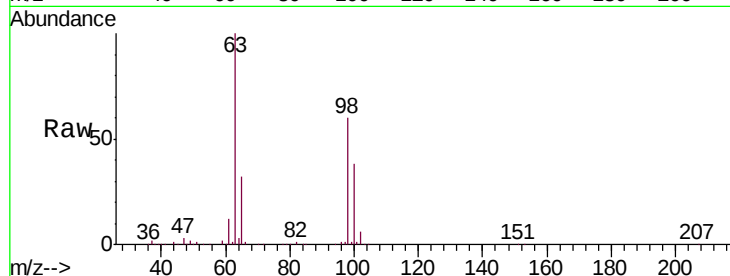
Tgt Ion:101 Resp: 4319

Ion Ratio Lower Upper

101 100

85 7.7 33.1 49.7#

151 0.0 61.4 92.0#



#12

1,1-Dichloroethene

Concen: 0.927 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031404.D

Acq: 22 Apr 2019 20:56

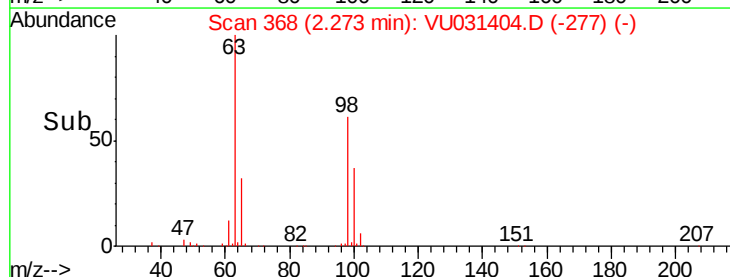
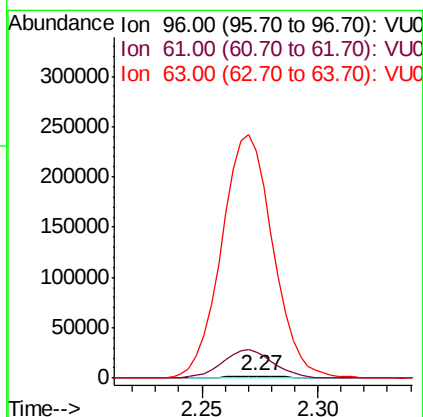
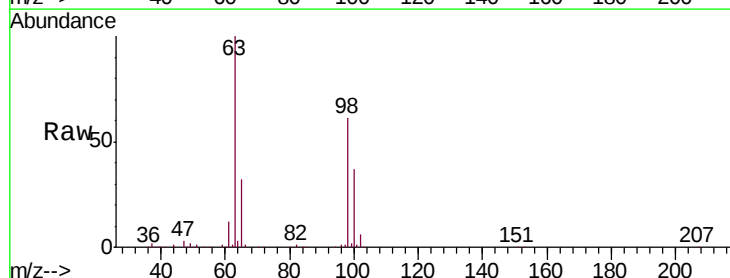
Tgt Ion: 96 Resp: 3999

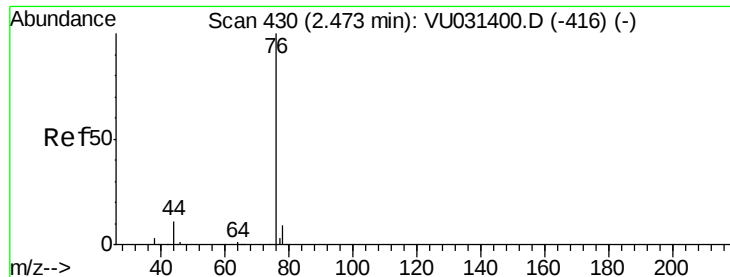
Ion Ratio Lower Upper

96 100

61 1206.6 118.9 220.9#

63 10411.8 99.3 184.3#

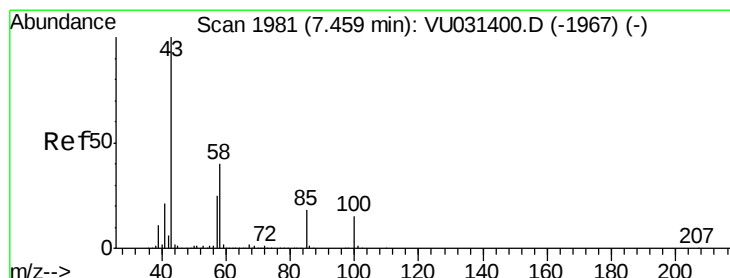
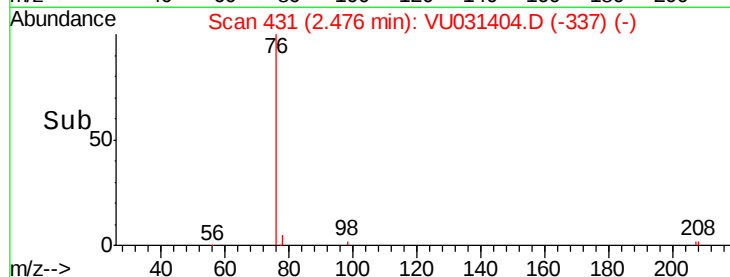
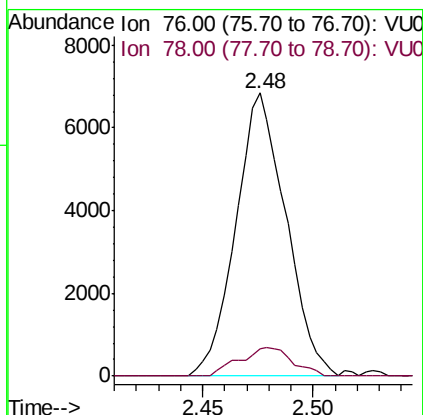
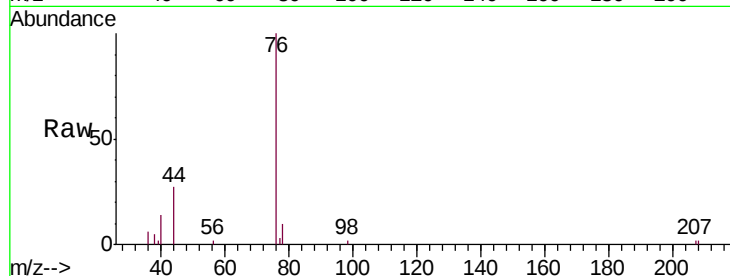




#14
Carbon disulfide
Concen: 0.834 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU031404.D
Acq: 22 Apr 2019 20:56

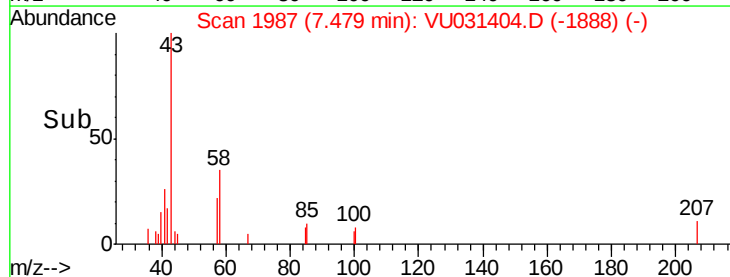
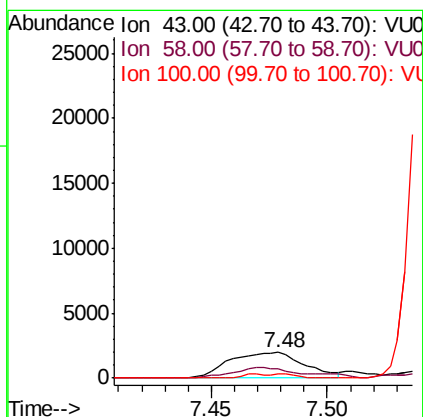
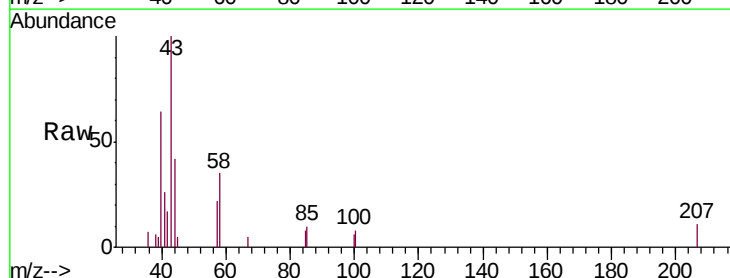
Instrument :
MSVOA_U
ClientSampleId :
VBLK39

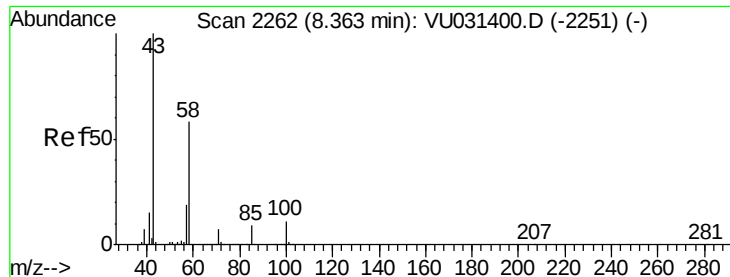
Tgt Ion: 76 Resp: 10795
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#40
4-Methyl-2-pentanone
Concen: 0.573 ug/L
RT: 7.48 min Scan# 1987
Delta R.T. 0.02 min
Lab File: VU031404.D
Acq: 22 Apr 2019 20:56

Tgt Ion: 43 Resp: 4419
Ion Ratio Lower Upper
43 100
58 0.0 32.3 48.5#
100 4.2 11.8 17.8#

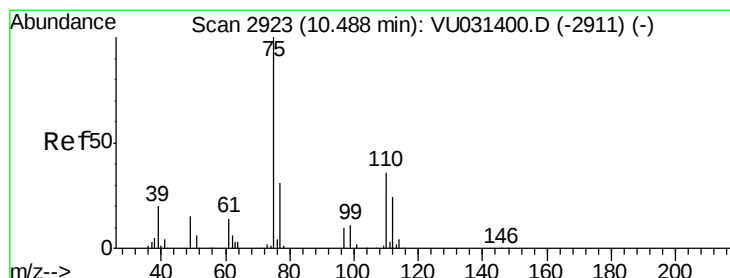
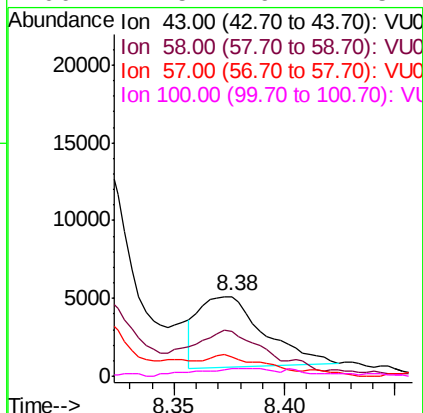
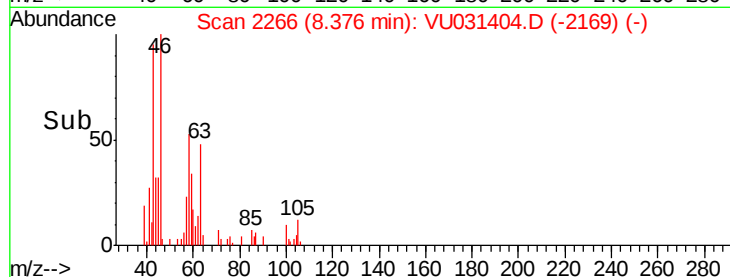
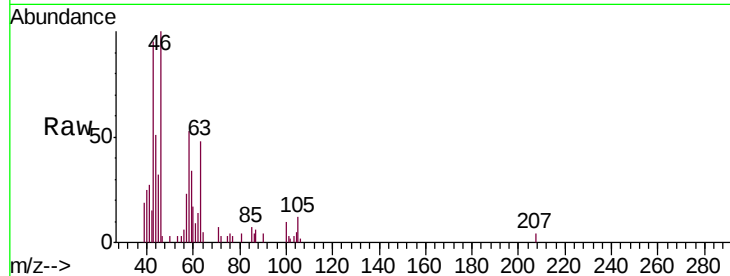




#48
 2-Hexanone
 Concen: 1.551 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU031404.D
 Acq: 22 Apr 2019 20:56

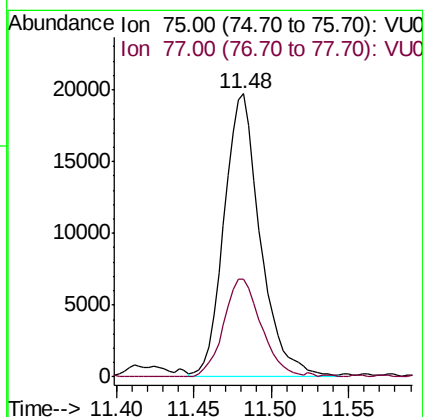
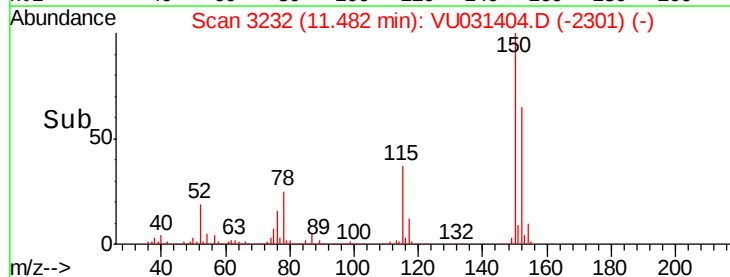
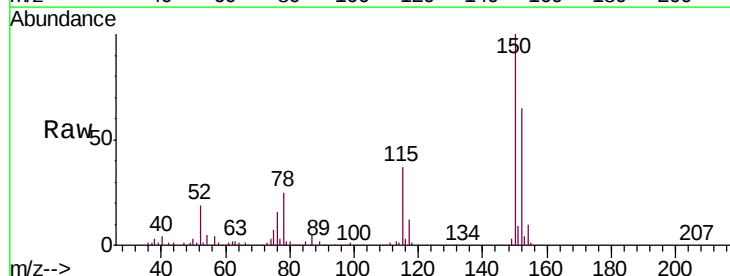
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 VBLK39

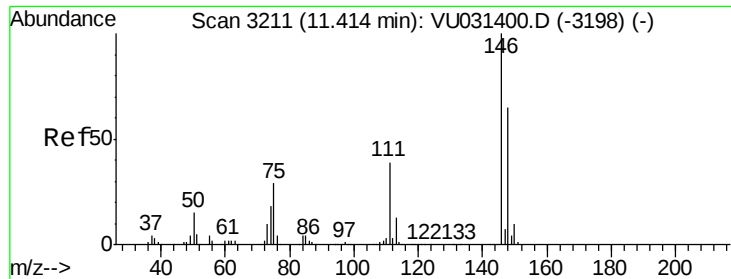
Tgt Ion: 43 Resp: 9331
 Ion Ratio Lower Upper
 43 100
 58 45.0 45.5 68.3#
 57 14.8 15.2 22.8#
 100 1.5 9.1 13.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.113 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031404.D
 Acq: 22 Apr 2019 20:56

Tgt Ion: 75 Resp: 32032
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.6 38.4





#62

1,3-Dichlorobenzene

Concen: 0.578 ug/L

RT: 11.42 min Scan# 3213

Delta R.T. 0.01 min

Lab File: VU031404.D

Acq: 22 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK39

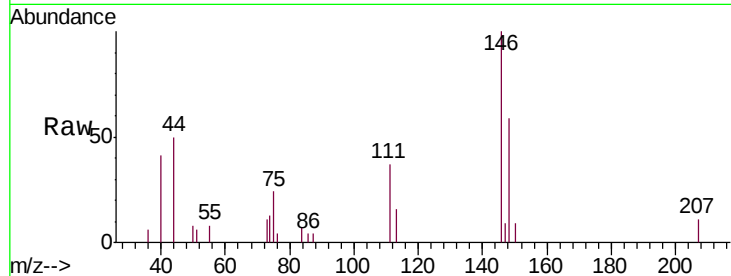
Tgt Ion:146 Resp: 4710

Ion Ratio Lower Upper

146 100

111 37.0 27.4 50.8

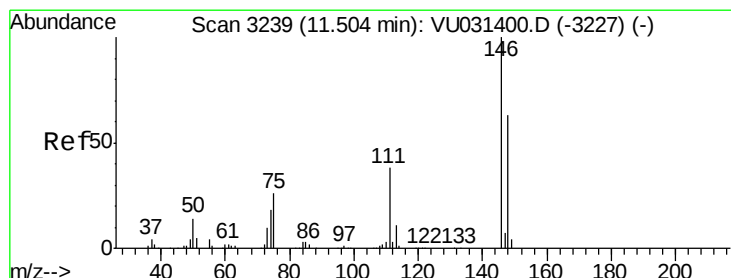
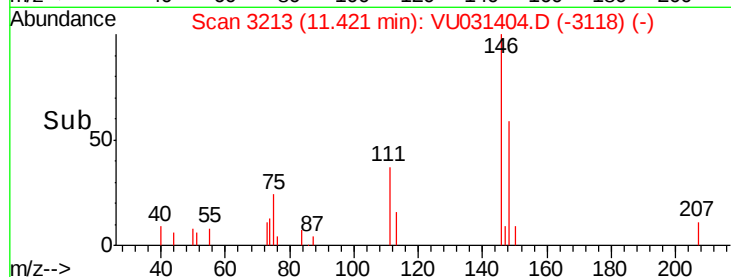
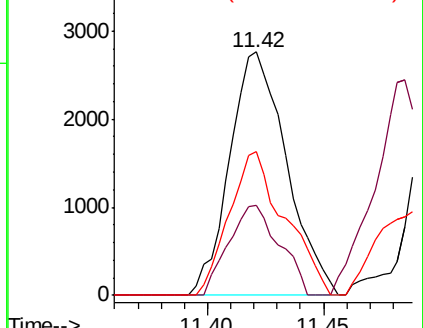
148 59.3 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.682 ug/L

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU031404.D

Acq: 22 Apr 2019 20:56

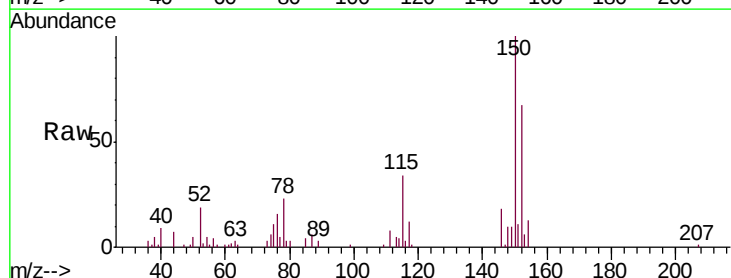
Tgt Ion:146 Resp: 5547

Ion Ratio Lower Upper

146 100

111 43.4 26.6 49.4

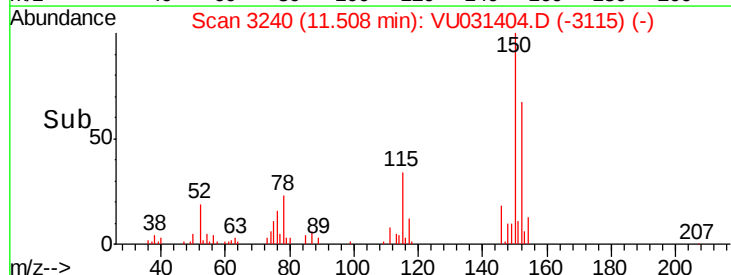
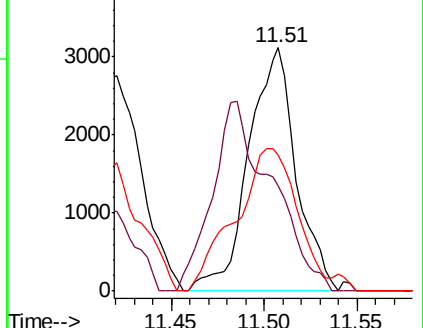
148 56.1 44.4 82.5

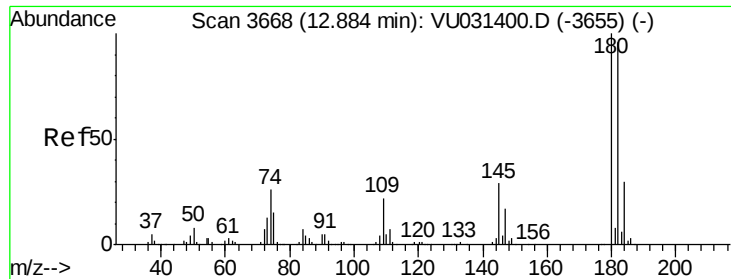


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

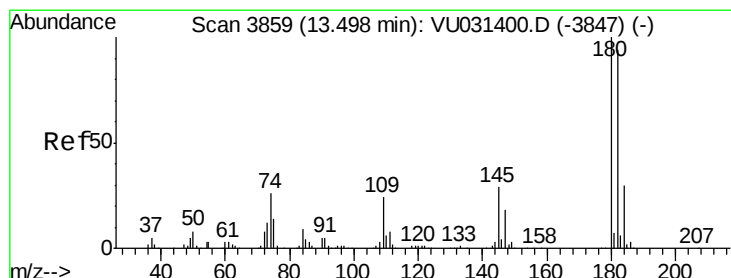
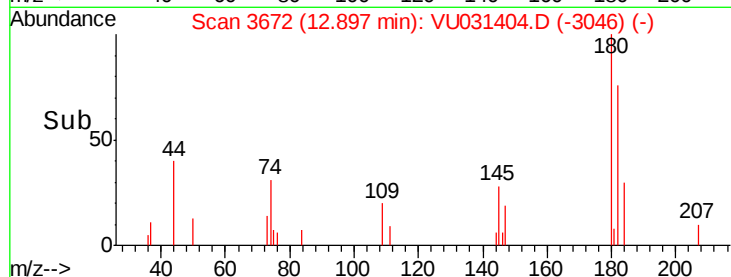
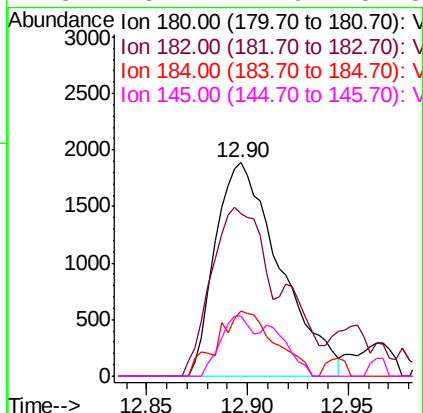
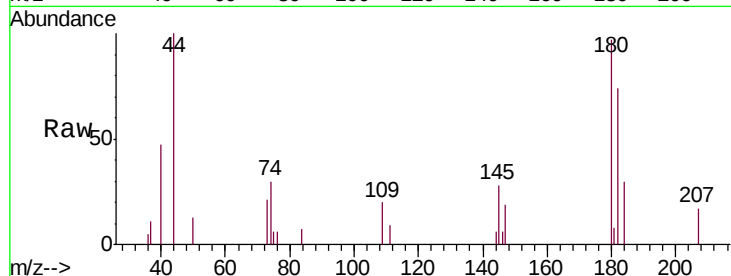




#67
 1,3,5-Trichlorobenzene
 Concen: 0.700 ug/L
 RT: 12.90 min Scan# 3672
 Delta R.T. 0.01 min
 Lab File: VU031404.D
 Acq: 22 Apr 2019 20:56

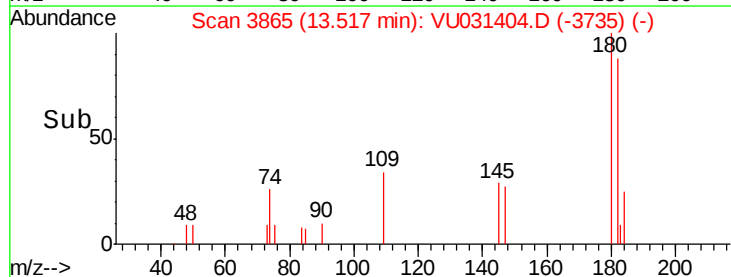
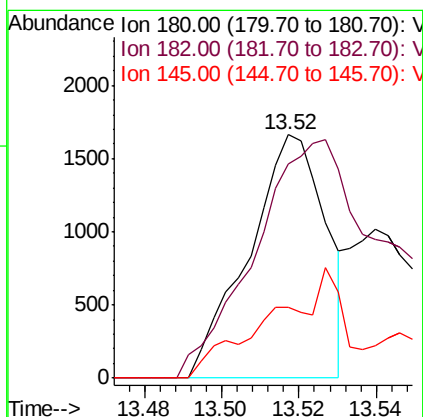
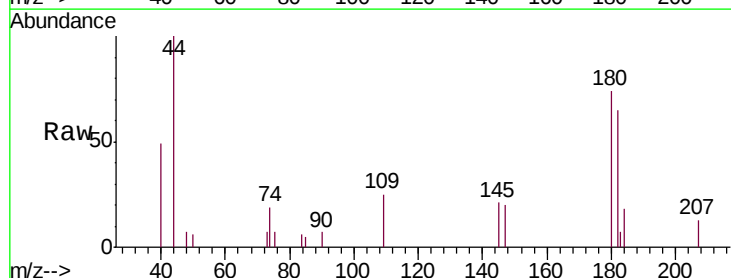
Instrument :
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 ClientSampleId :
 VBLK39

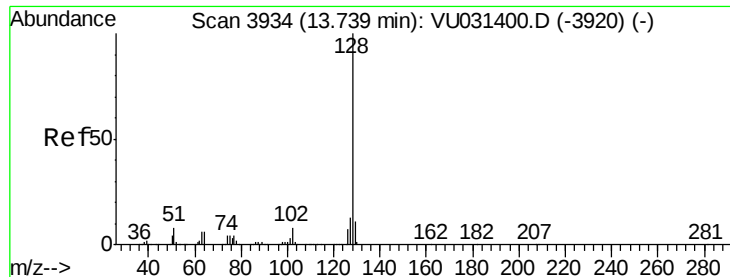
Tgt Ion:180 Resp: 4207
 Ion Ratio Lower Upper
 180 100
 182 64.1 76.5 114.7#
 184 19.7 23.7 35.5#
 145 13.7 22.9 34.3#



#68
 1,2,4-trichlorobenzene
 Concen: 0.476 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. 0.02 min
 Lab File: VU031404.D
 Acq: 22 Apr 2019 20:56

Tgt Ion:180 Resp: 2300
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.5 116.3#
 145 21.2 23.3 34.9#





#69

Naphthalene

Concen: 0.452 ug/L

RT: 13.76 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VU031404.D

Acq: 22 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

VBLK39

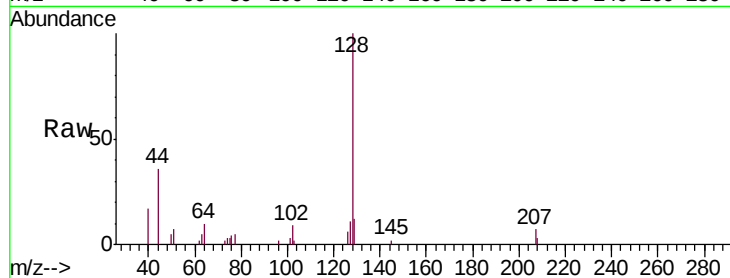
Tgt Ion:128 Resp: 7585

Ion Ratio Lower Upper

128 100

127 23.0 10.2 15.4#

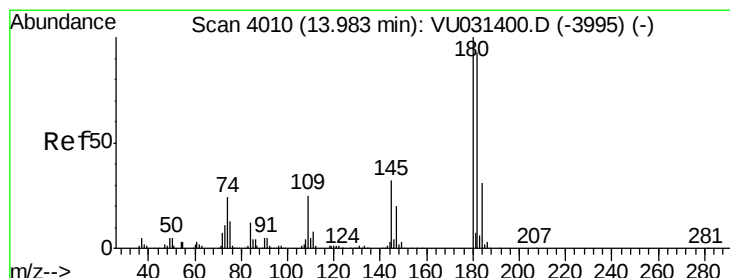
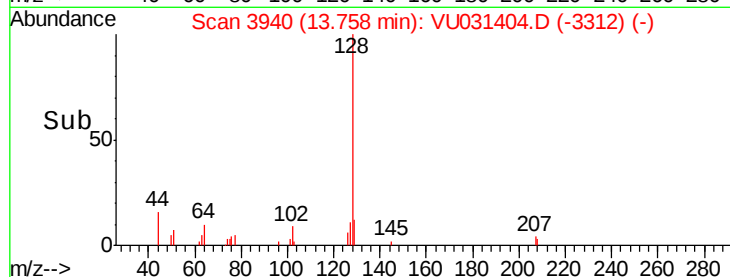
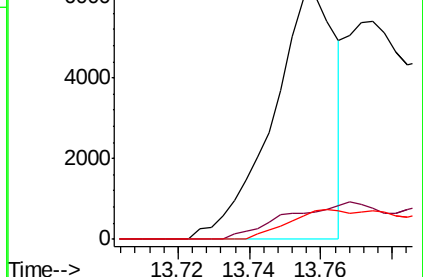
129 11.5 8.6 13.0



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: 0.640 ug/L

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU031404.D

Acq: 22 Apr 2019 20:56

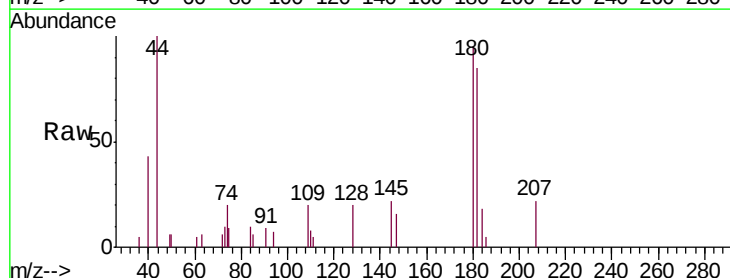
Tgt Ion:180 Resp: 3332

Ion Ratio Lower Upper

180 100

182 128.0 75.8 113.8#

145 27.9 25.2 37.8



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

