

Data File : VU030409.D
Acq On : 25 Mar 2019 17:55
Operator : JC/SP
Sample : I.BLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: Mar 26 01:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	447161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182197	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.26%
7) Chloroethane-d5	1.68	69	143498	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.27	63	248732	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.88%
21) 2-Butanone-d5	4.17	46	316787	93.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.64%
24) Chloroform-d	4.64	84	294437	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.31	65	199143	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.34	84	598739	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	213975	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.56	98	511883	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.85	79	89453	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.58%
47) 2-Hexanone-d5	8.31	63	214543	95.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274022	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	166886	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%

Target Compounds

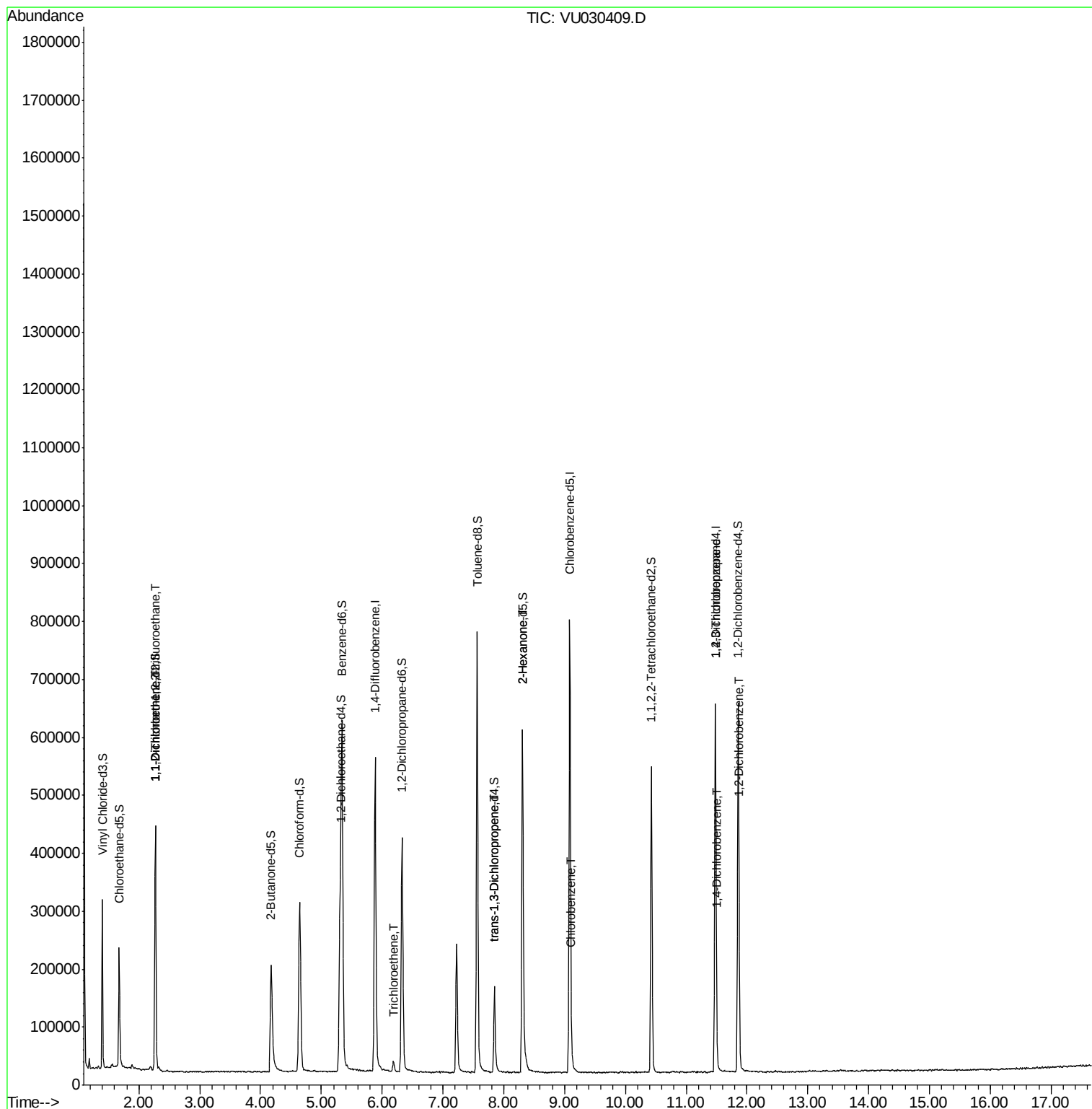
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2011	0.616	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1856	0.580	ug/L #	1
34) Trichloroethene	6.18	95	6081	1.716	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3521	0.681	ug/L	90
48) 2-Hexanone	8.31	43	25293	4.491	ug/L #	72
51) Chlorobenzene	9.12	112	9300	1.026	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	23576	4.735	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	7200	1.308	ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	6592	1.219	ug/L #	89

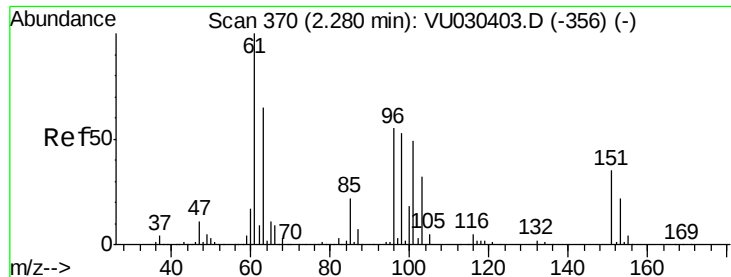
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.616 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

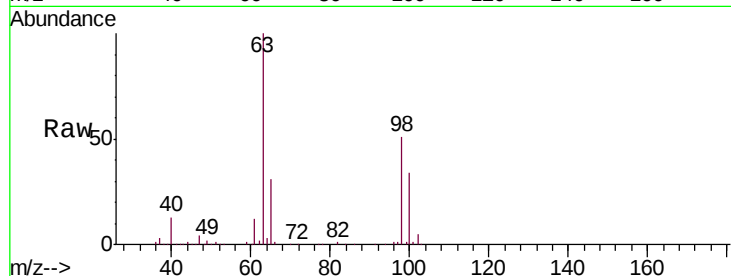
Tgt Ion: 101 Resp: 2011

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

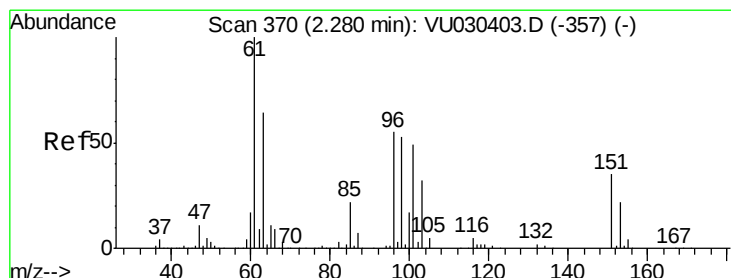
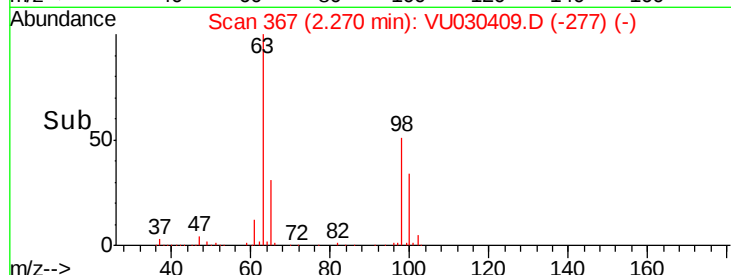
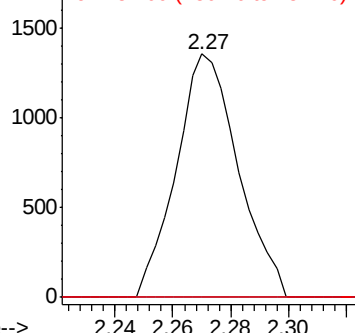
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.580 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

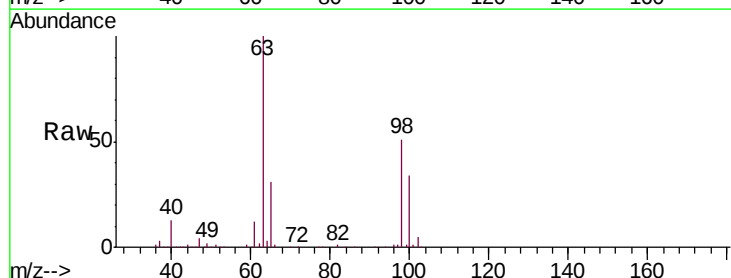
Tgt Ion: 96 Resp: 1856

Ion Ratio Lower Upper

96 100

61 1434.1 131.0 243.4#

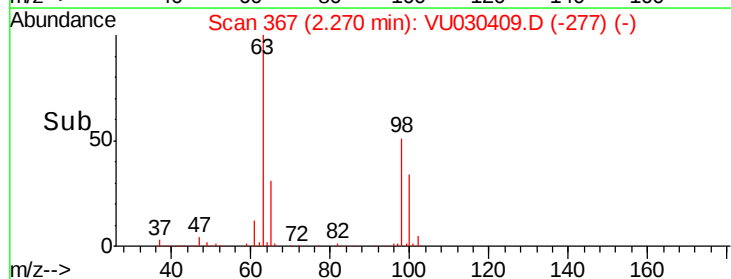
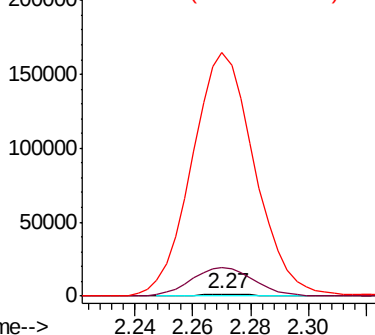
63 12325.7 92.4 171.6#

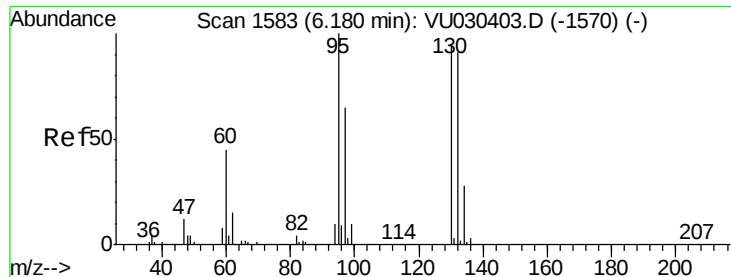


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 1.716 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030409.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK56

Tgt Ion: 95 Resp: 6081

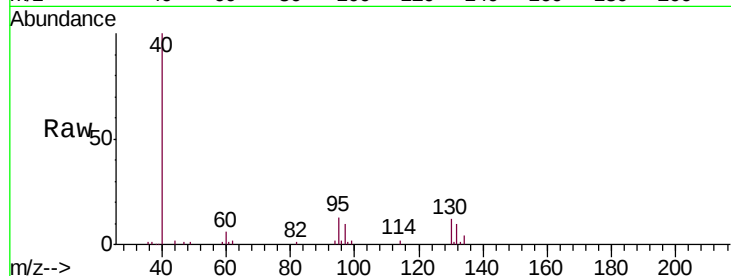
Ion Ratio Lower Upper

95 100

97 76.1 45.7 84.9

132 75.4 63.8 118.4

130 94.4 65.7 121.9

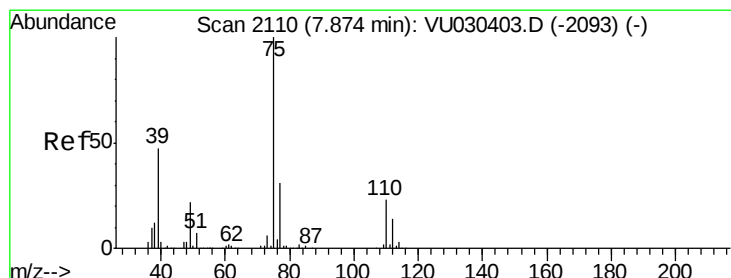
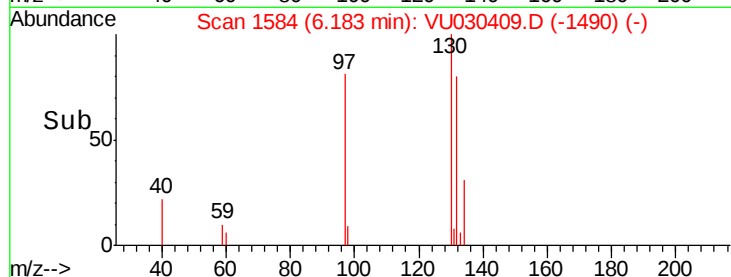
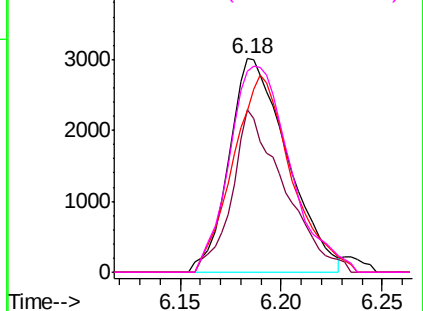


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.681 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030409.D

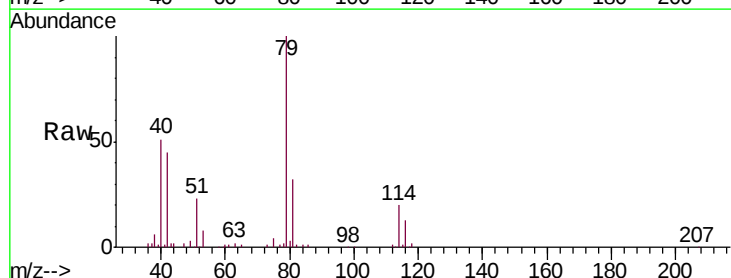
Acq: 25 Mar 2019 17:55

Tgt Ion: 75 Resp: 3521

Ion Ratio Lower Upper

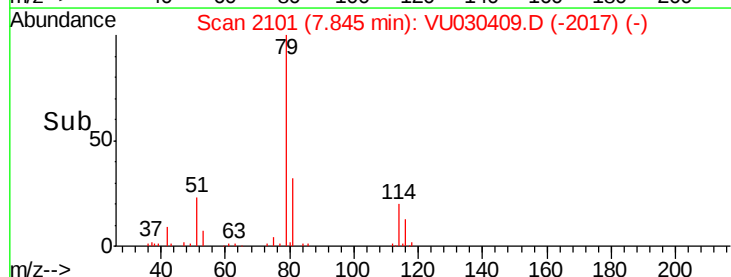
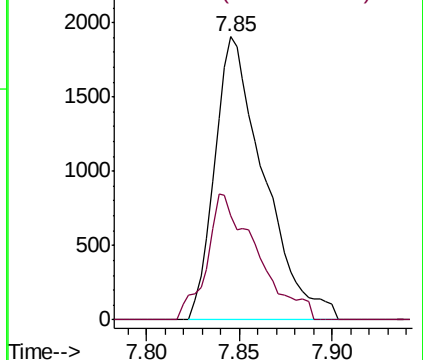
75 100

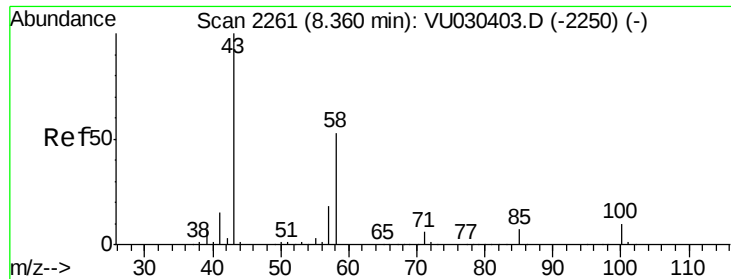
77 37.0 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

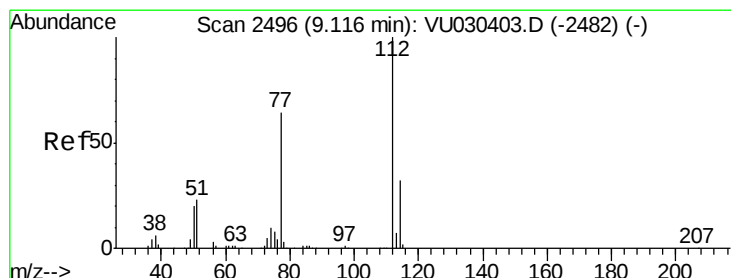
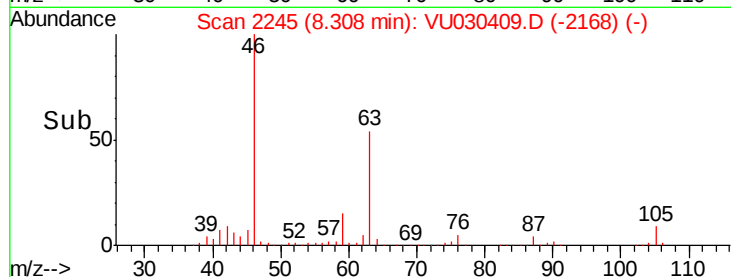
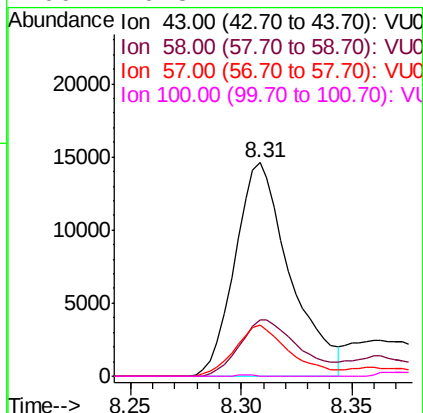
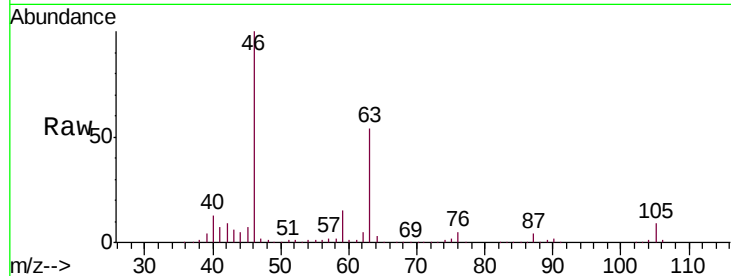




#48
2-Hexanone
Concen: 4.491 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030409.D
Acq: 25 Mar 2019 17:55

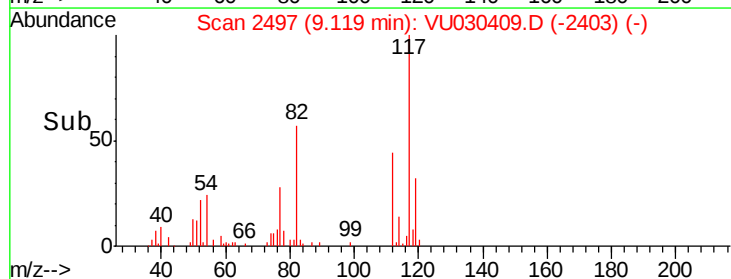
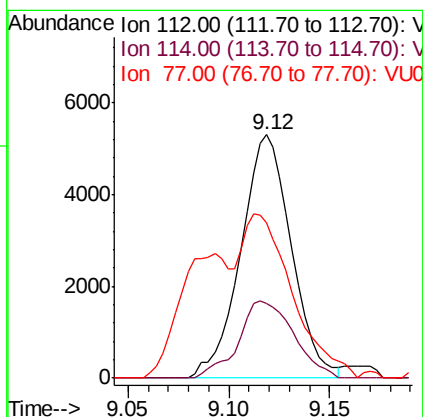
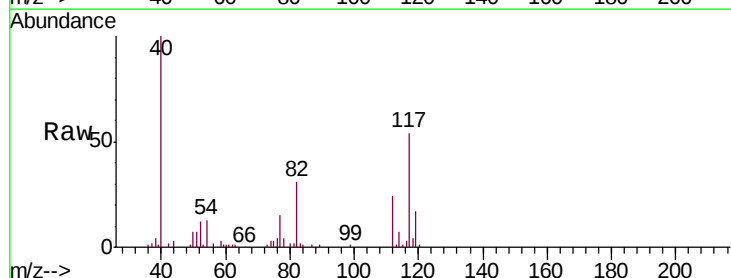
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MSVOA_U
ClientSampleId :
VBLK56

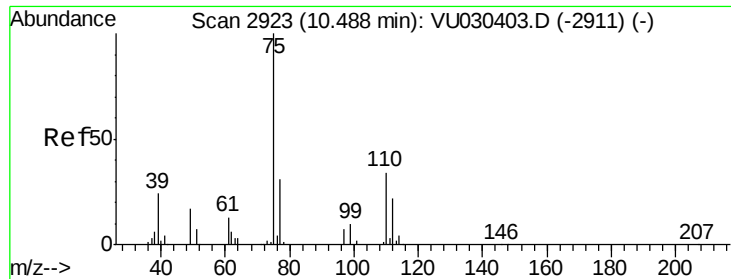
Tgt Ion:	43	Resp:	25293
Ion	Ratio	Lower	Upper
43	100		
58	28.0	42.5	63.7#
57	23.7	15.0	22.6#
100	0.3	7.4	11.2#



#51
Chlorobenzene
Concen: 1.026 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030409.D
Acq: 25 Mar 2019 17:55

Tgt Ion:	112	Resp:	9300
Ion	Ratio	Lower	Upper
112	100		
114	30.5	21.5	39.9
77	63.8	51.4	77.0





#59

1,2,3-Trichloropropane

Concen: 4.735 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

Instrument :

MSVOA_U

ClientSampled :

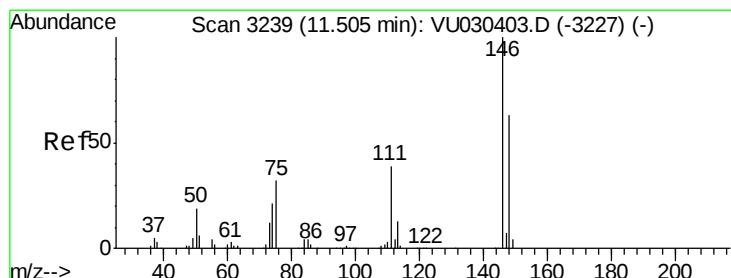
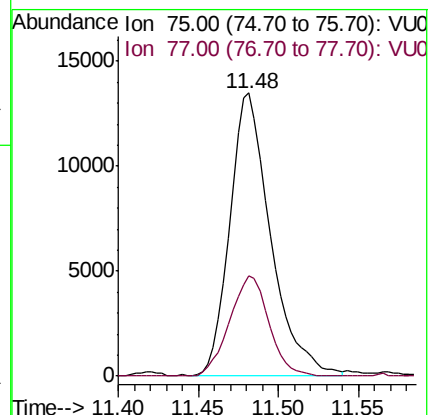
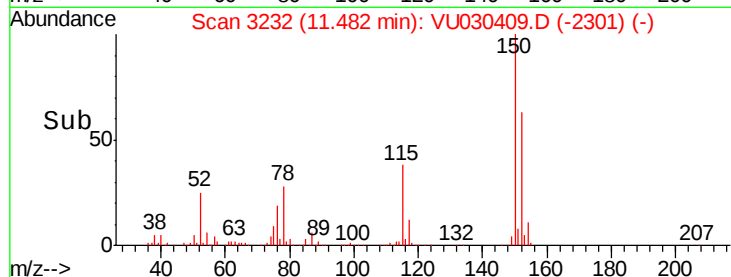
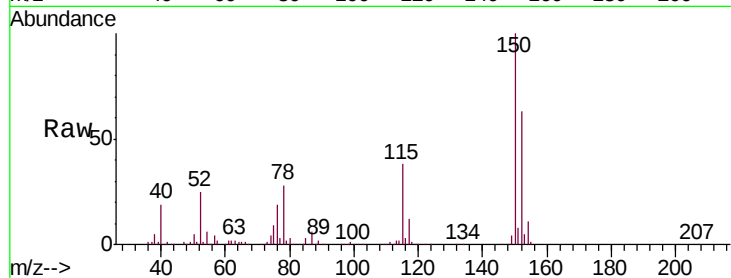
VBLK56

Tgt Ion: 75 Resp: 23576

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.2



#63

1,4-Dichlorobenzene

Concen: 1.308 ug/L

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

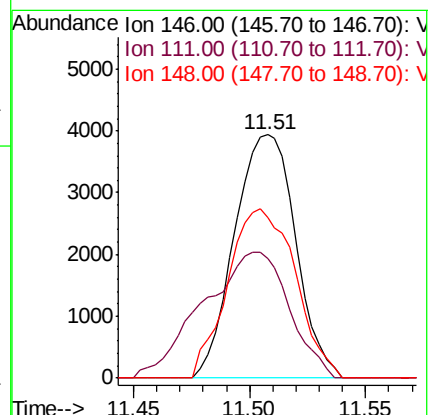
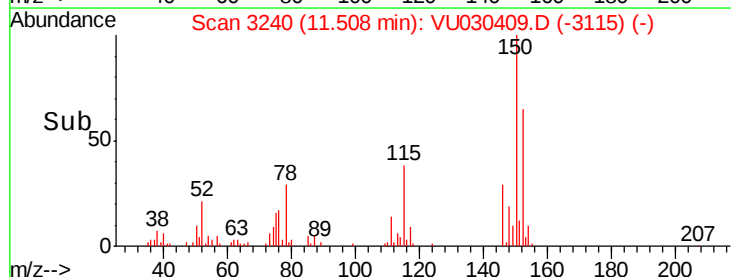
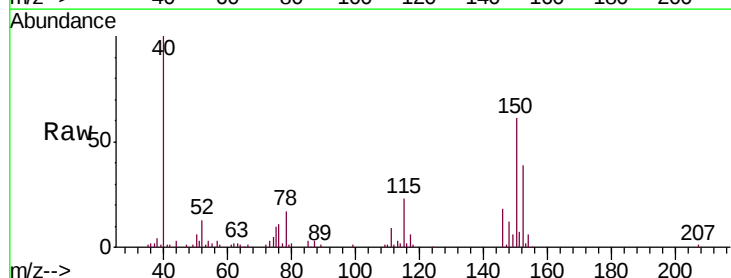
Tgt Ion: 146 Resp: 7200

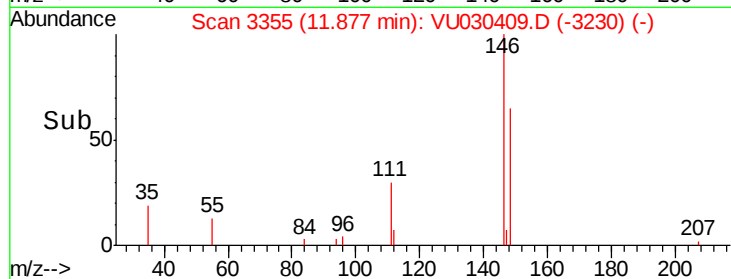
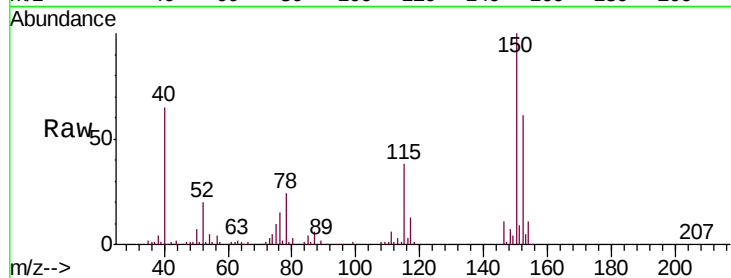
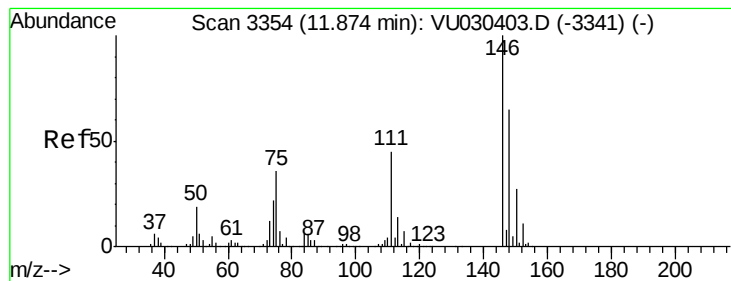
Ion Ratio Lower Upper

146 100

111 48.8 28.7 53.3

148 66.1 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 1.219 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030409.D

Acq: 25 Mar 2019 17:55

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

Tgt Ion:146 Resp: 6592

Ion Ratio Lower Upper

146 100

111 59.0 34.9 52.3#

148 65.2 51.2 76.8

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

