

Data File : VU031631.D
Acq On : 30 Apr 2019 14:09
Operator : JC/SP
Sample : K2536-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: May 01 01:42:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627826	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	614425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215905	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	316464	60.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.46%
7) Chloroethane-d5	1.68	69	234079	57.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.30%
11) 1,1-Dichloroethene-d2	2.27	63	456025	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
21) 2-Butanone-d5	4.19	46	480058	100.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	4.64	84	505473	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
26) 1,2-Dichloroethane-d4	5.31	65	345732	54.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.98%
32) Benzene-d6	5.34	84	975423	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.33	67	343768	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.56	98	790701	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloropropene-	7.85	79	136181	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.58%
47) 2-Hexanone-d5	8.31	63	266367	92.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	422129	47.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	235401	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

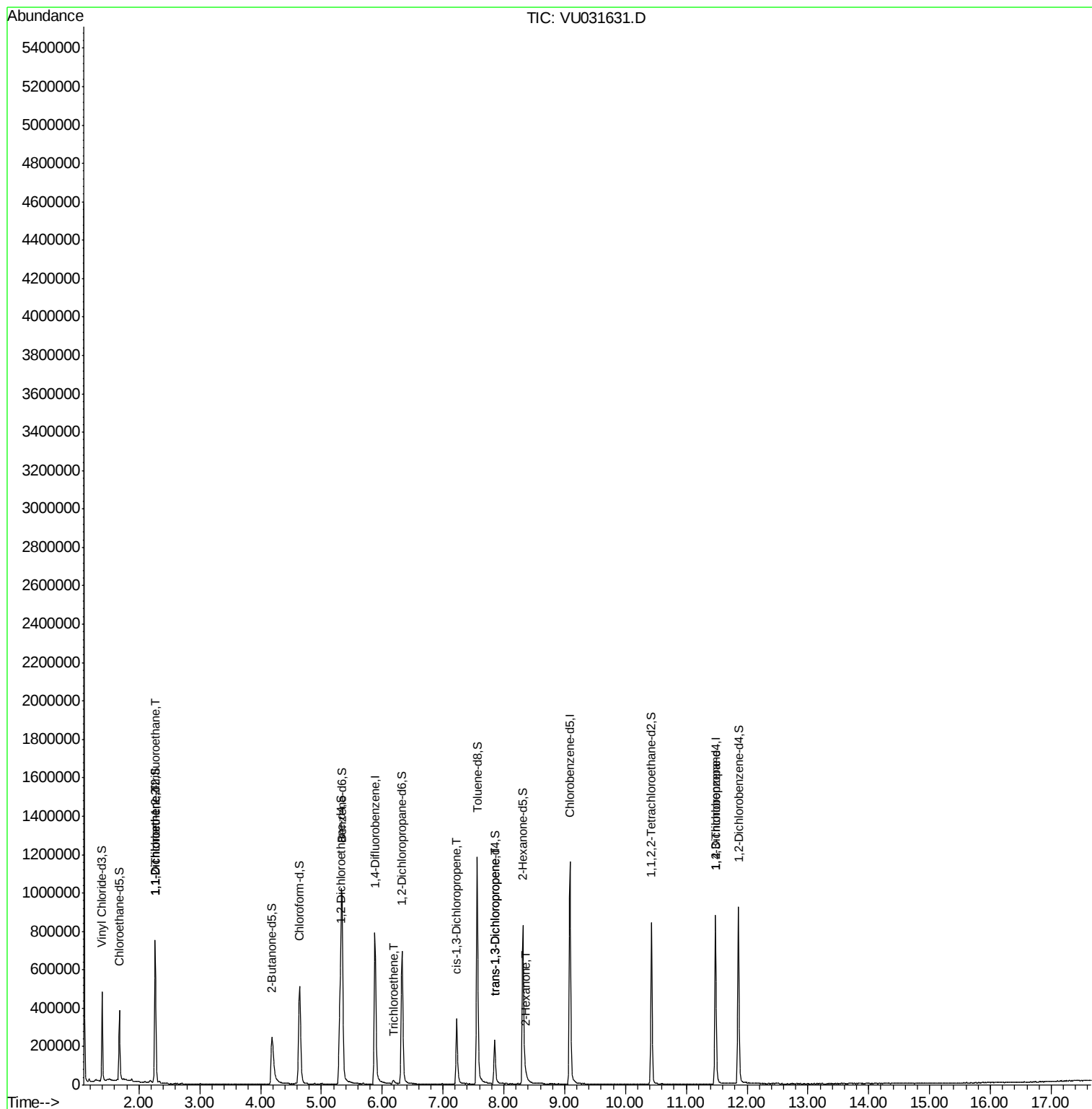
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4044	0.804	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3424	0.699	ug/L #	1
34) Trichloroethene	6.18	95	4574	0.835	ug/L	81
39) cis-1,3-Dichloropropene	7.22	75	8338	0.984	ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	6103	0.794	ug/L	87
48) 2-Hexanone	8.37	43	21887	2.743	ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	32605	4.288	ug/L	91

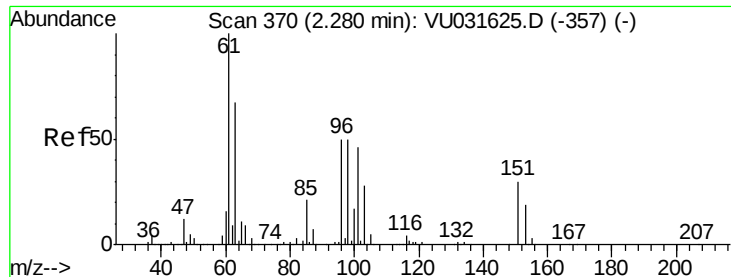
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.804 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

VHBLK01

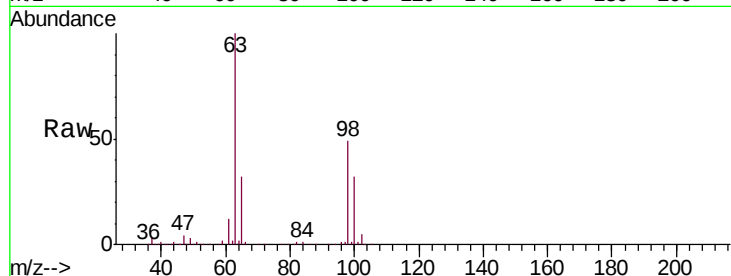
Tgt Ion: 101 Resp: 4044

Ion Ratio Lower Upper

101 100

85 1.2 36.1 54.1#

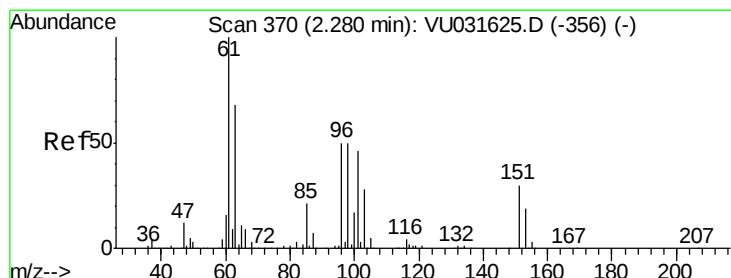
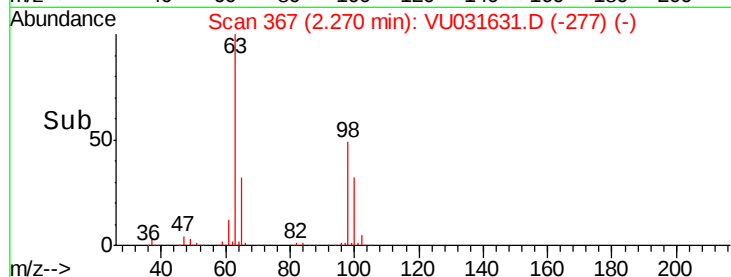
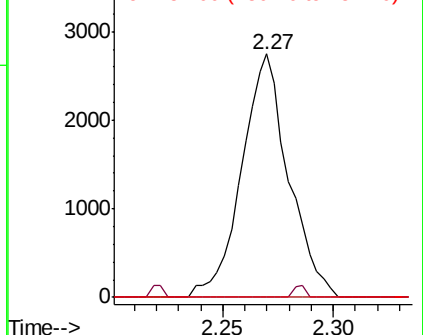
151 0.0 56.1 84.1#



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: 0.699 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031631.D

Acq: 30 Apr 2019 14:09

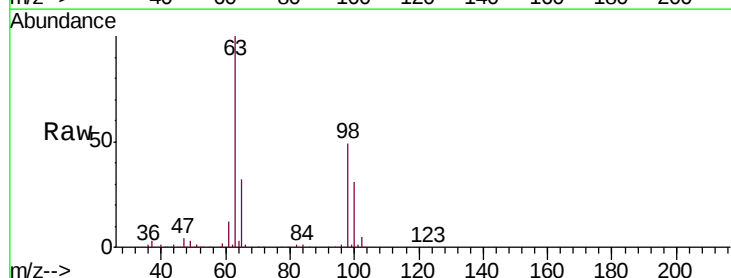
Tgt Ion: 96 Resp: 3424

Ion Ratio Lower Upper

96 100

61 1566.4 135.0 250.6#

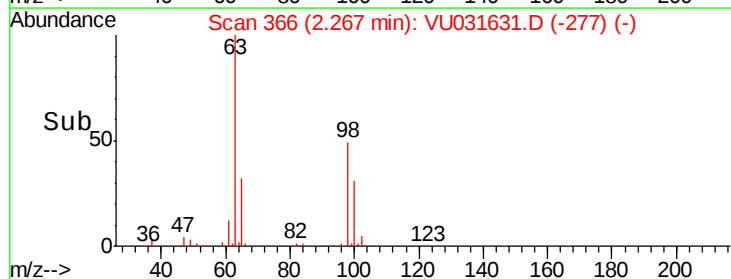
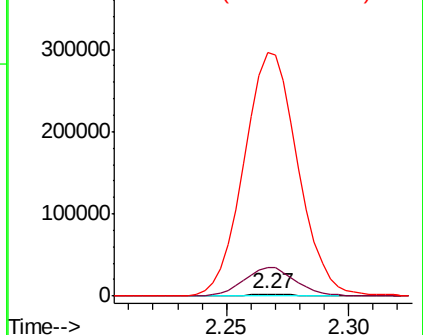
63 13360.3 103.5 192.3#

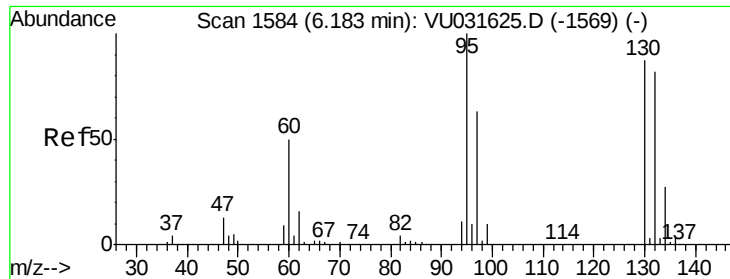


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 0.835 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 4574

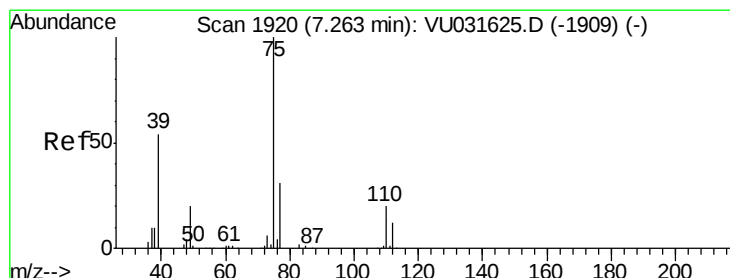
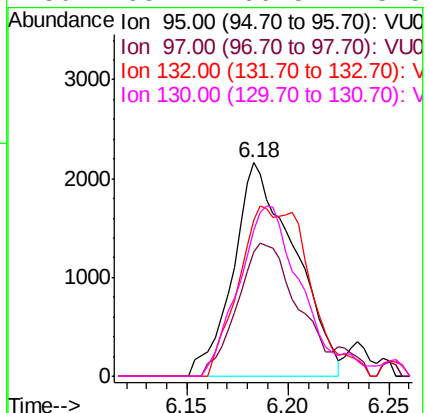
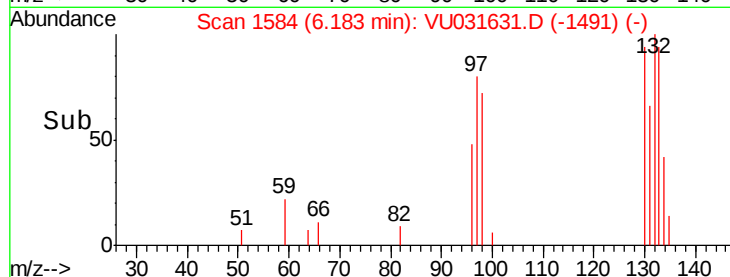
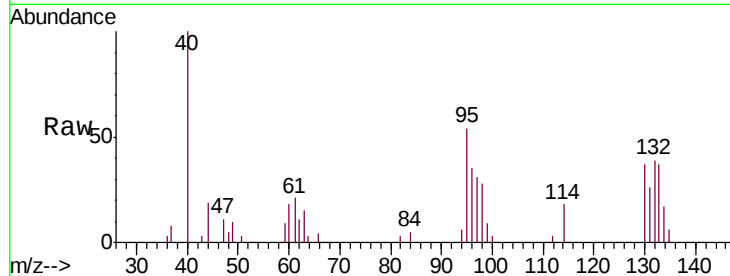
Ion Ratio Lower Upper

95 100

97 58.4 44.8 83.2

132 72.9 63.1 117.1

130 68.2 66.5 123.5



#39

cis-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031631.D

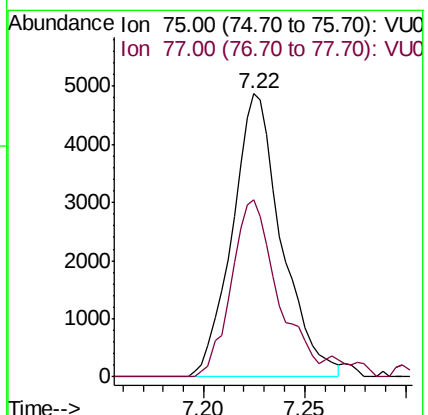
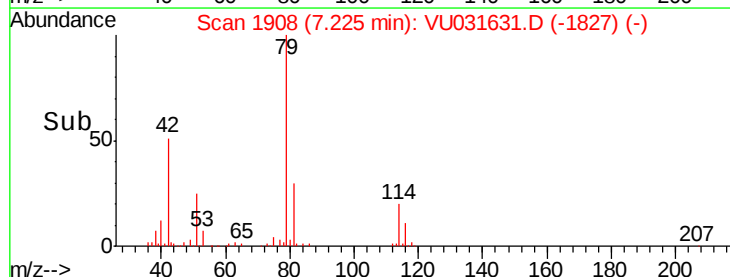
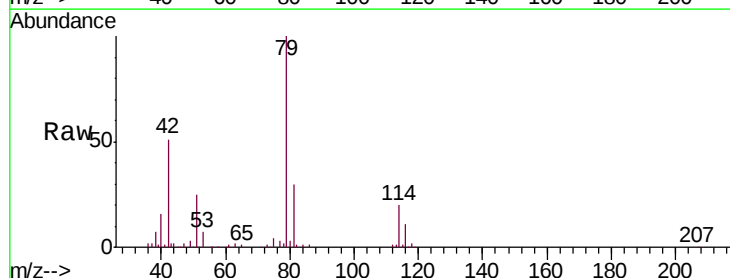
Acq: 30 Apr 2019 14:09

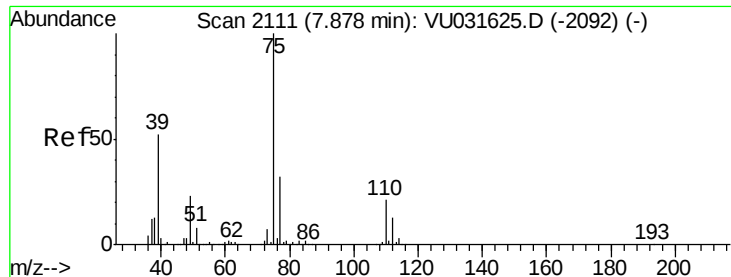
Tgt Ion: 75 Resp: 8338

Ion Ratio Lower Upper

75 100

77 62.8 22.1 41.1#

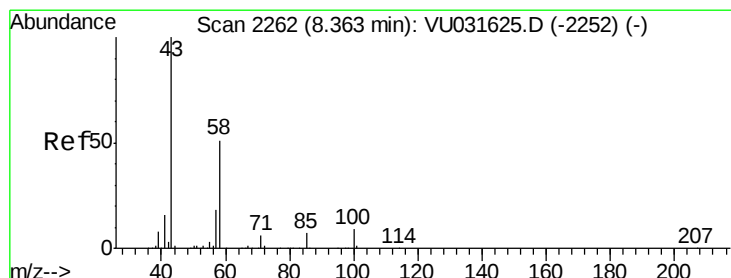
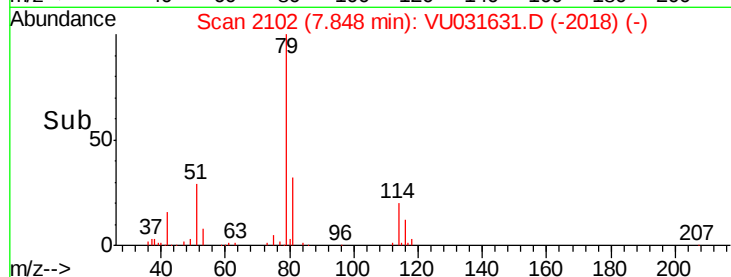
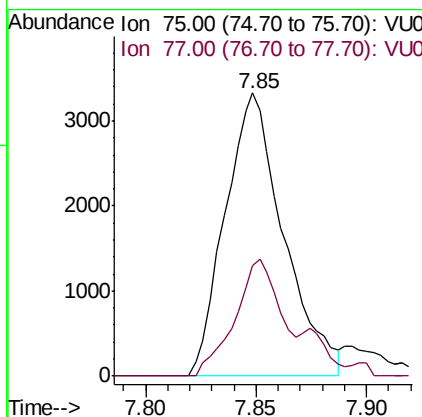
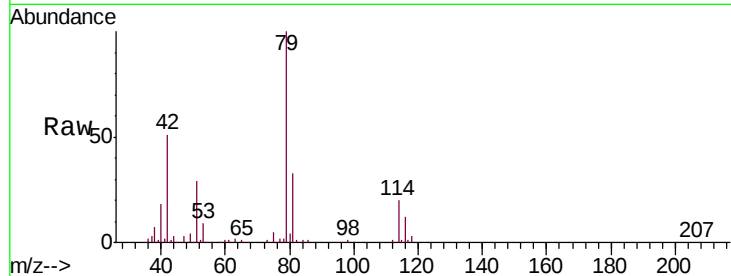




#44
 trans-1,3-Dichloropropene
 Concen: 0.794 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031631.D
 Acq: 30 Apr 2019 14:09

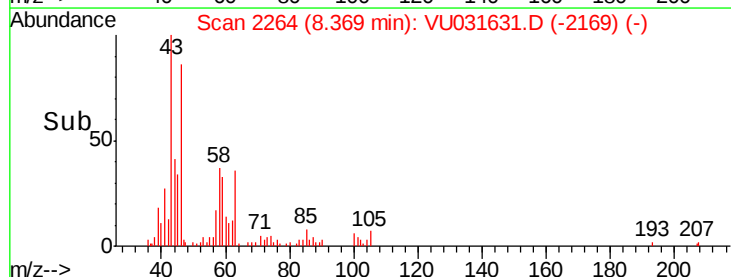
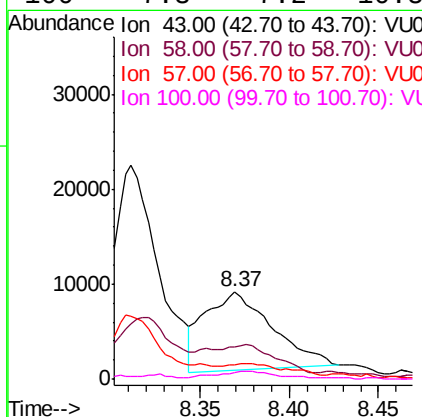
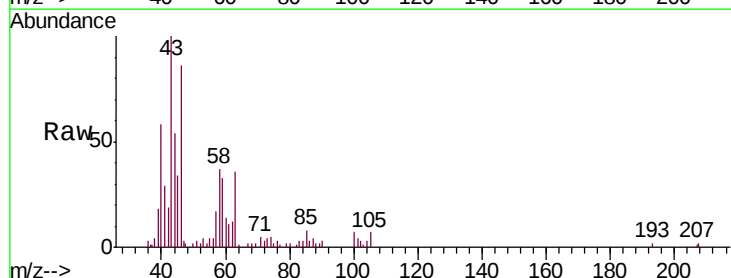
Instrument :
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 VHBLK01

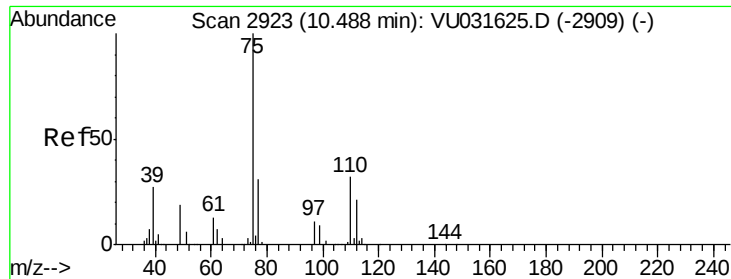
Tgt Ion: 75 Resp: 6103
 Ion Ratio Lower Upper
 75 100
 77 38.8 22.1 41.1



#48
 2-Hexanone
 Concen: 2.743 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031631.D
 Acq: 30 Apr 2019 14:09

Tgt Ion: 43 Resp: 21887
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.1 63.1#
 57 0.0 14.6 22.0#
 100 7.3 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 4.288 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031631.D

Acq: 30 Apr 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 32605

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9

