

Data File : VU030518.D
Acq On : 28 Mar 2019 16:36
Operator : JC/SP
Sample : K2120-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 29 01:22:43 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	345989	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	339129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130929	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142891	51.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.64%
7) Chloroethane-d5	1.68	69	117555	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.52%
11) 1,1-Dichloroethene-d2	2.27	63	207079	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
21) 2-Butanone-d5	4.17	46	254091	97.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.07%
24) Chloroform-d	4.64	84	253210	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
26) 1,2-Dichloroethane-d4	5.31	65	176817	56.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.64%
32) Benzene-d6	5.34	84	517221	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
36) 1,2-Dichloropropane-d6	6.33	67	184070	55.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.64%
41) Toluene-d8	7.56	98	445696	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%
43) trans-1,3-Dichloropropene-	7.85	79	80003	51.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.26%
47) 2-Hexanone-d5	8.31	63	136688	75.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	241603	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	143553	54.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.44%

Target Compounds

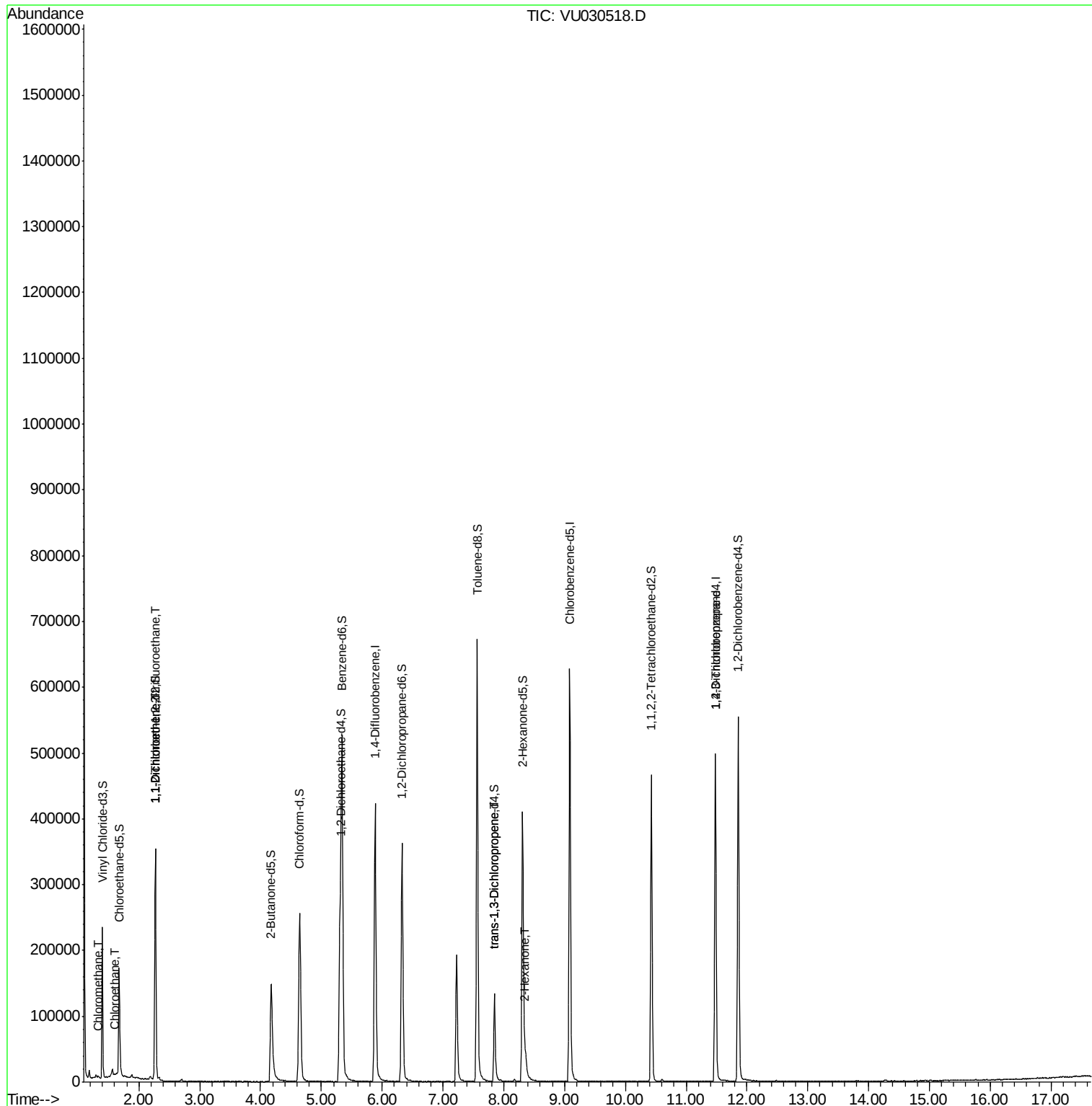
					Qvalue
3) Chloromethane	1.33	50	2986	0.699 ug/L	99
8) Chloroethane	1.60	64	3582	1.567 ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1837	0.727 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1740	0.703 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3273	0.790 ug/L	89
48) 2-Hexanone	8.36	43	18342	4.067 ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	16830	4.220 ug/L	90

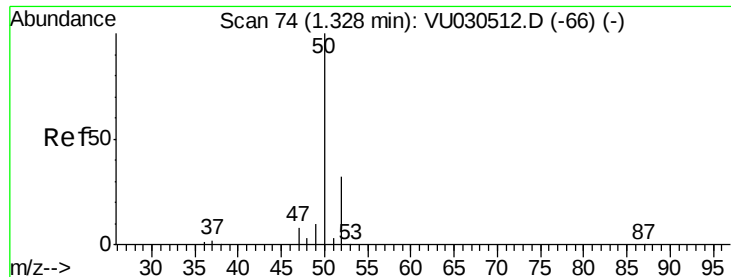
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.699 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030518.D

Acq: 28 Mar 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

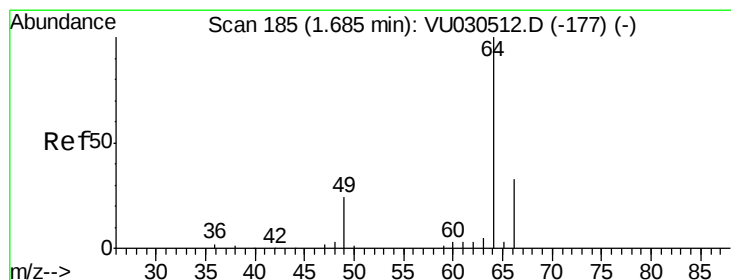
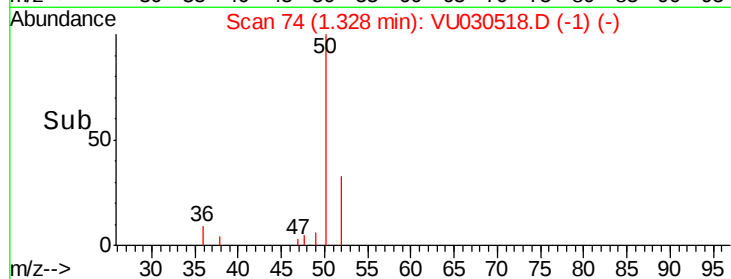
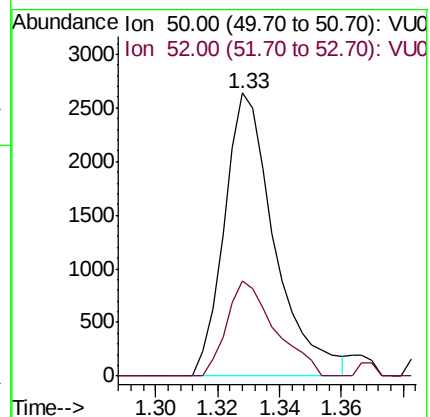
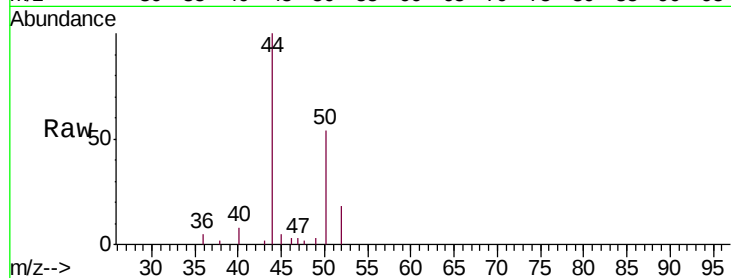
VHBLK01

Tgt Ion: 50 Resp: 2986

Ion Ratio Lower Upper

50 100

52 33.4 23.0 42.6



#8

Chloroethane

Concen: 1.567 ug/L

RT: 1.60 min Scan# 160

Delta R.T. -0.08 min

Lab File: VU030518.D

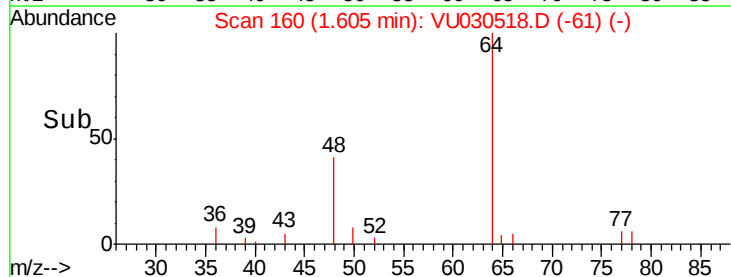
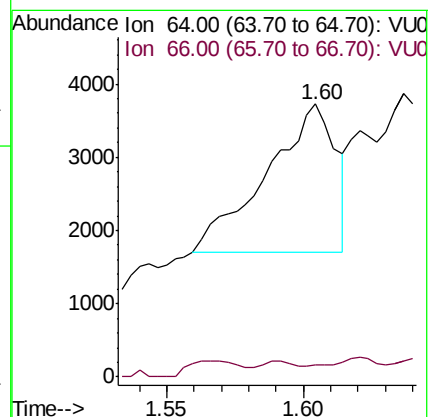
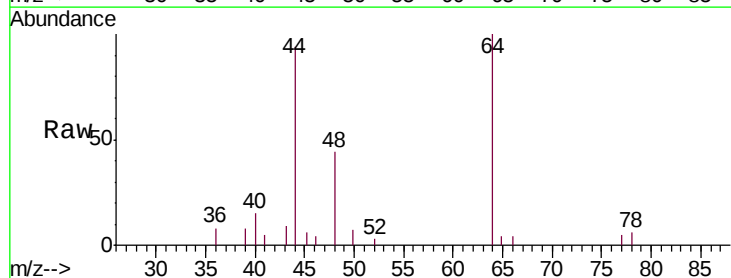
Acq: 28 Mar 2019 16:36

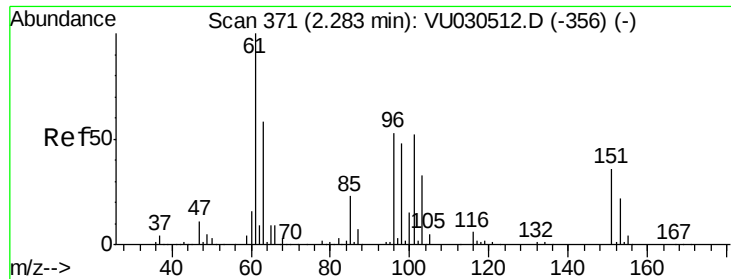
Tgt Ion: 64 Resp: 3582

Ion Ratio Lower Upper

64 100

66 4.5 22.5 41.7#





#10

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

Concen: 0.727 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030518.D

Acq: 28 Mar 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

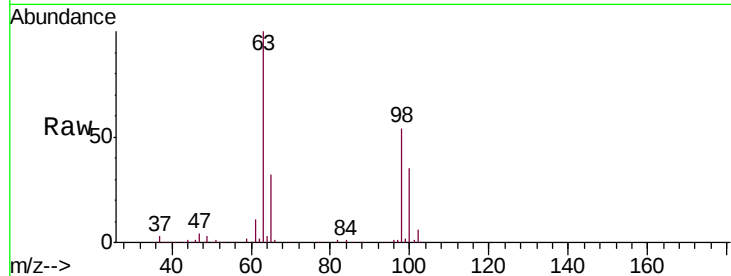
Tgt Ion: 101 Resp: 1837

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

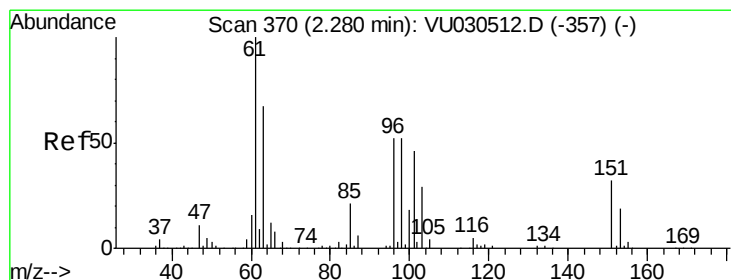
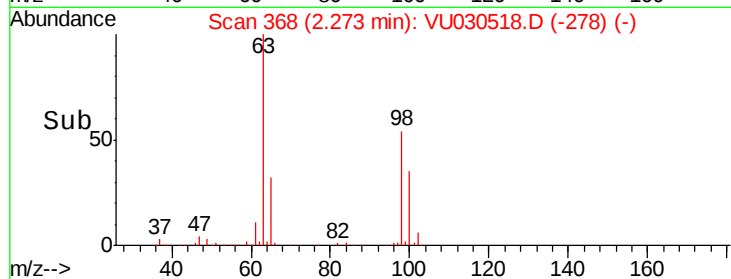
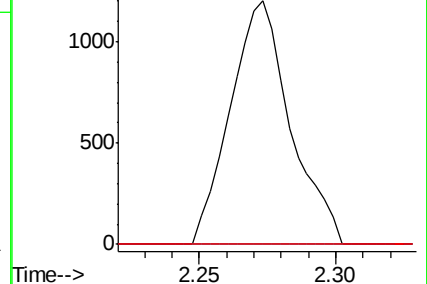
151 0.0 56.6 85.0#



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: 0.703 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030518.D

Acq: 28 Mar 2019 16:36

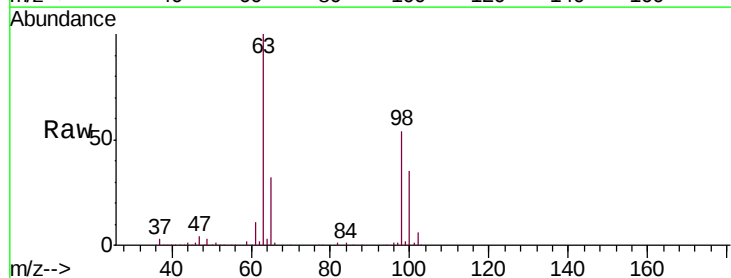
Tgt Ion: 96 Resp: 1740

Ion Ratio Lower Upper

96 100

61 1312.3 131.0 243.4#

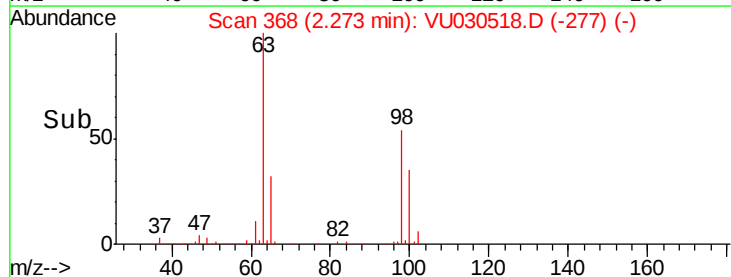
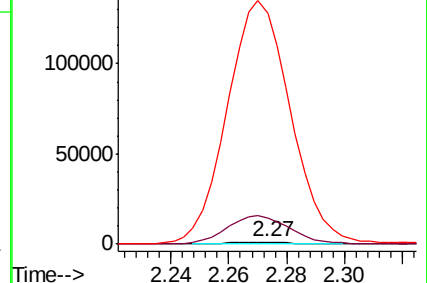
63 11555.9 92.4 171.6#

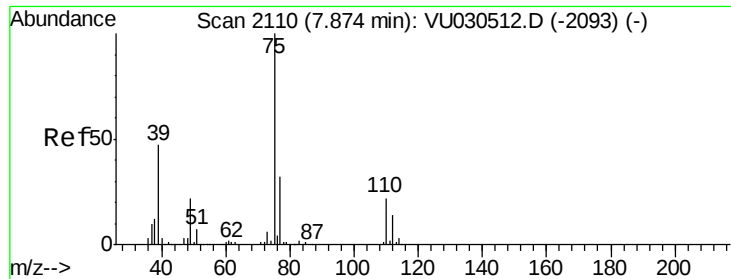


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

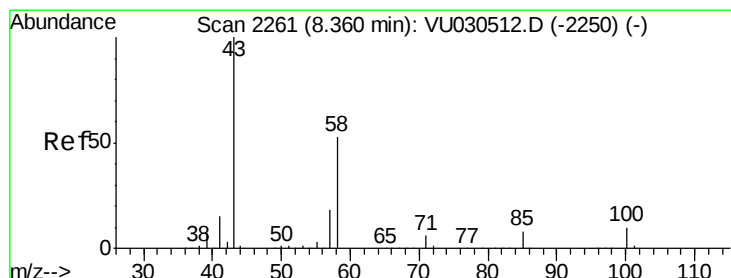
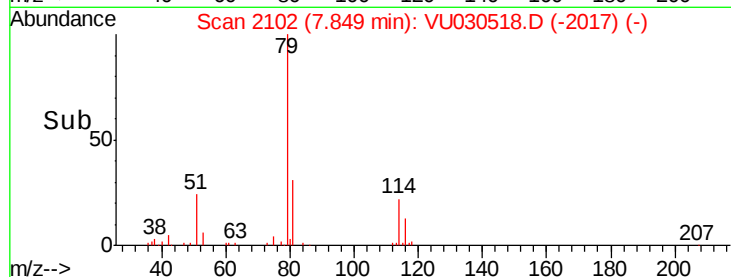
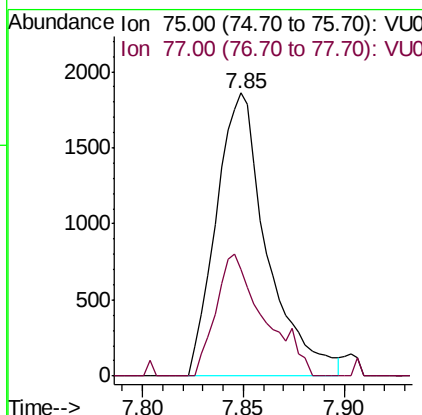
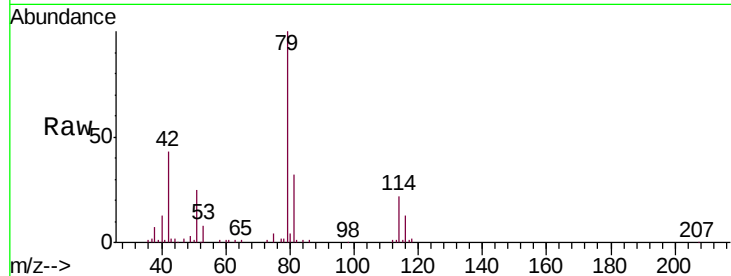




#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030518.D
Acq: 28 Mar 2019 16:36

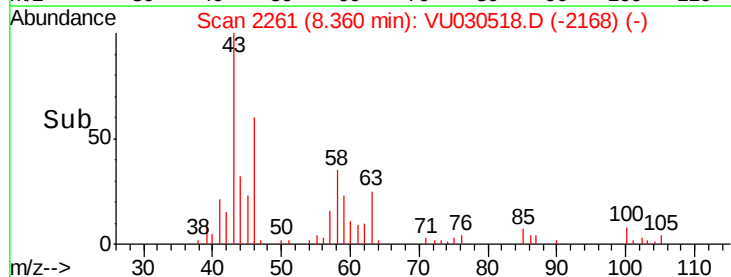
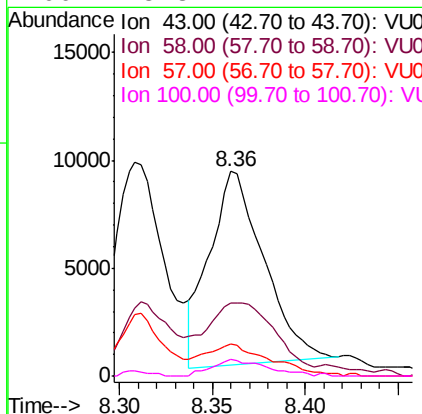
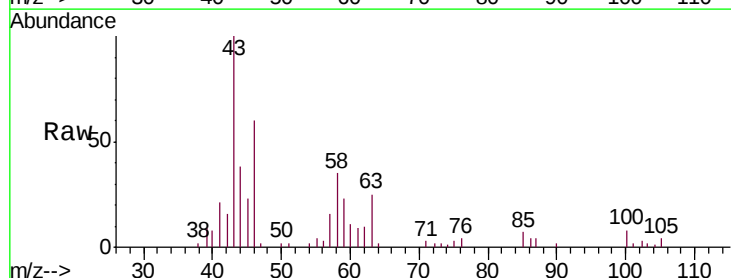
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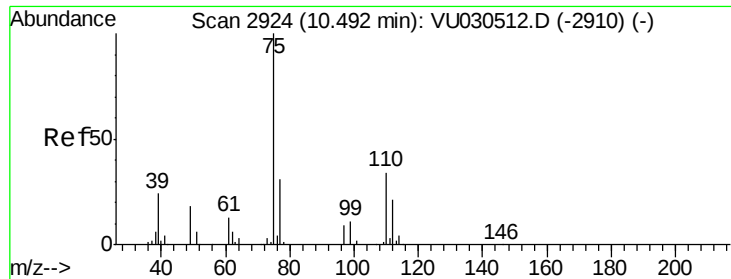
Tgt Ion: 75 Resp: 3273
Ion Ratio Lower Upper
75 100
77 37.6 22.0 40.8



#48
2-Hexanone
Concen: 4.067 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030518.D
Acq: 28 Mar 2019 16:36

Tgt Ion: 43 Resp: 18342
Ion Ratio Lower Upper
43 100
58 44.4 42.5 63.7
57 9.4 15.0 22.6#
100 5.3 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 4.220 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030518.D

Acq: 28 Mar 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 16830

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

