

Data File : VU030796.D
Acq On : 06 Apr 2019 13:37
Operator : JC/SP
Sample : K2215-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 08 05:04:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451169	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	205918	51.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.26%
7) Chloroethane-d5	1.68	69	163893	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.24%
11) 1,1-Dichloroethene-d2	2.27	63	291711	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
21) 2-Butanone-d5	4.17	46	372895	116.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.82%
24) Chloroform-d	4.64	84	308023	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
26) 1,2-Dichloroethane-d4	5.31	65	232202	55.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.62%
32) Benzene-d6	5.33	84	663049	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.32	67	236044	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.00%
41) Toluene-d8	7.56	98	570016	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%
43) trans-1,3-Dichloropropene-	7.85	79	104751	52.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.12%
47) 2-Hexanone-d5	8.31	63	222977	110.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318591	53.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	193074	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

Target Compounds

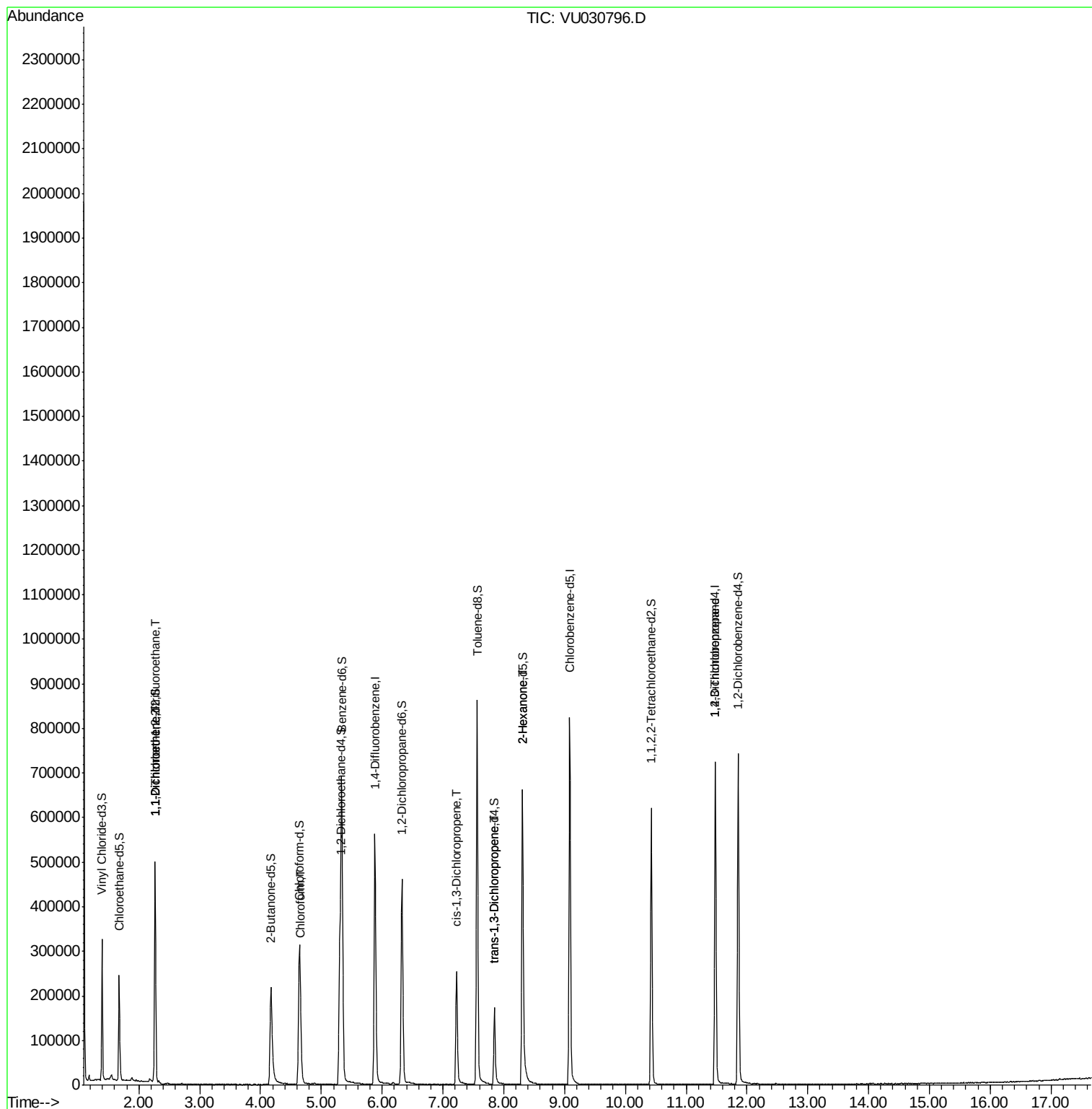
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2508	0.776 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	2113	0.678 ug/L #	1
25) Chloroform	4.67	83	30765	4.479 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	6164	1.060 ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	4394	0.857 ug/L #	79
48) 2-Hexanone	8.31	43	29012	5.658 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	25251	5.159 ug/L	95

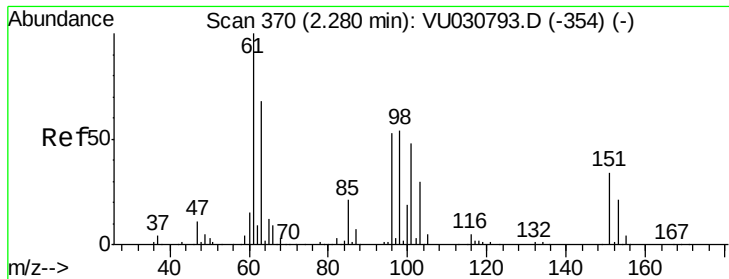
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.776 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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VHBLK01

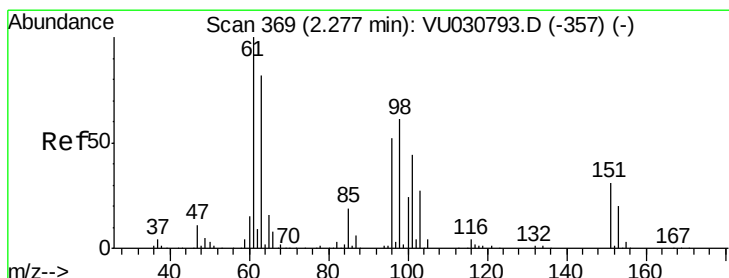
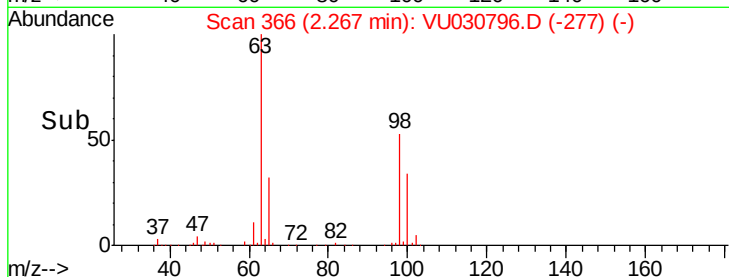
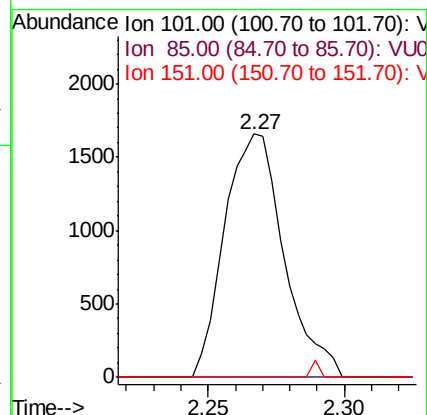
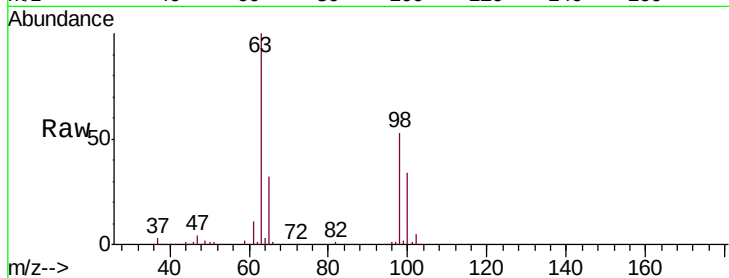
Tgt Ion: 101 Resp: 2508

Ion Ratio Lower Upper

101 100

85 1.8 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.678 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU030796.D

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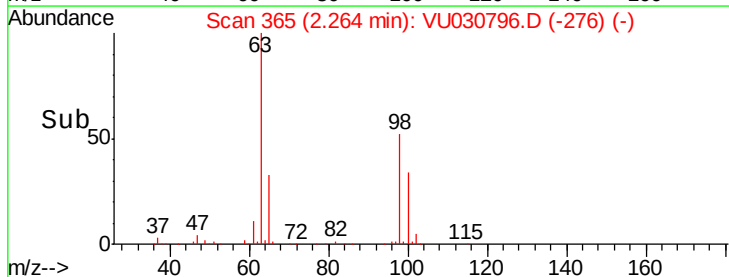
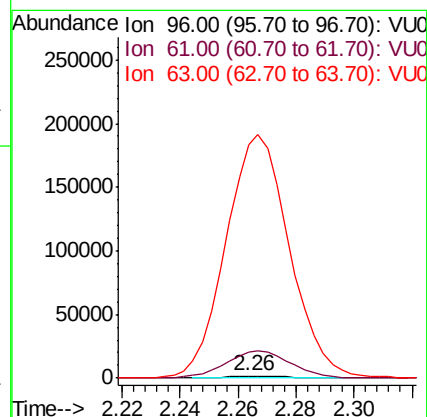
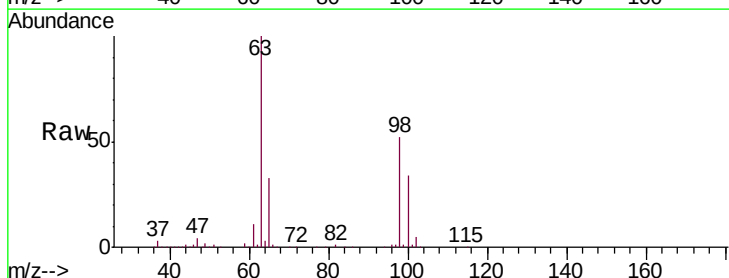
Tgt Ion: 96 Resp: 2113

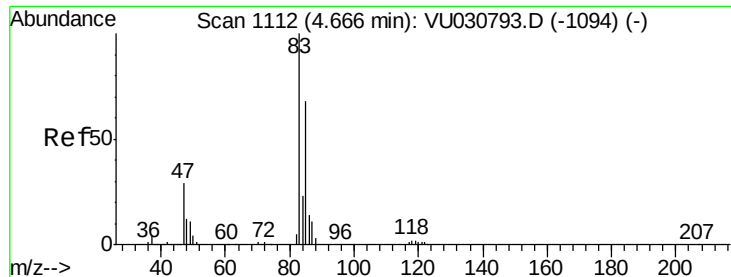
Ion Ratio Lower Upper

96 100

61 1424.5 132.0 245.2#

63 12558.7 90.9 168.9#

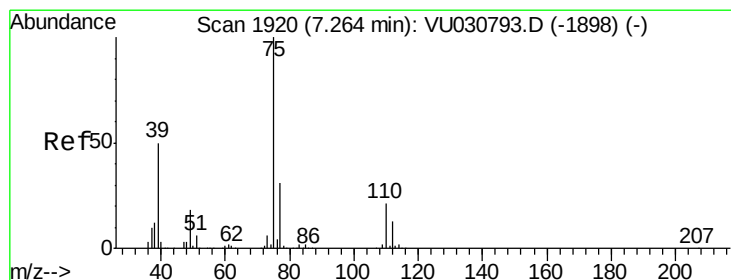
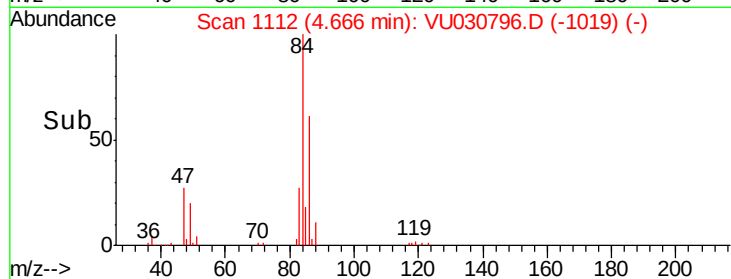
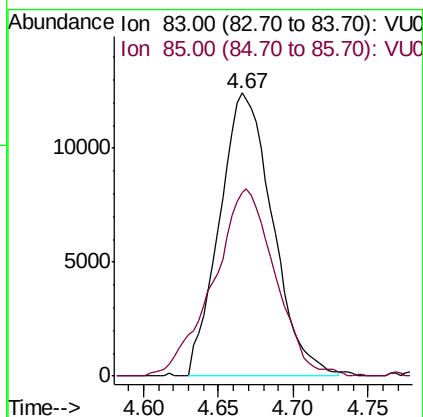
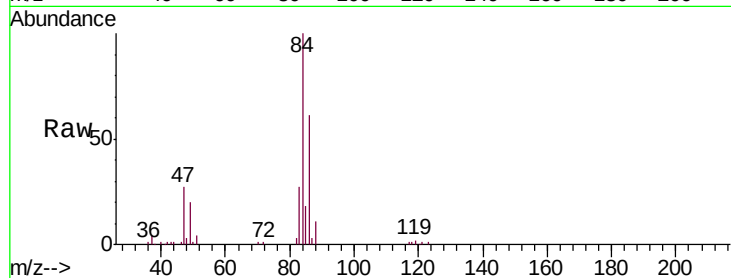




#25
Chloroform
Concen: 4.479 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030796.D
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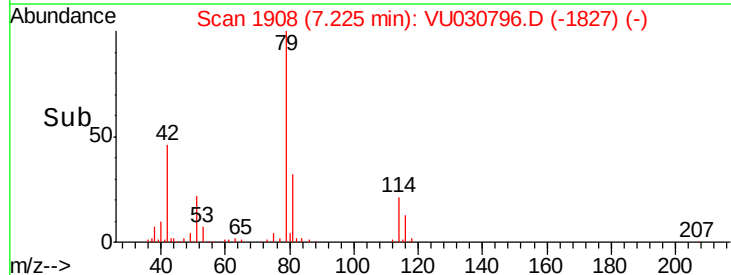
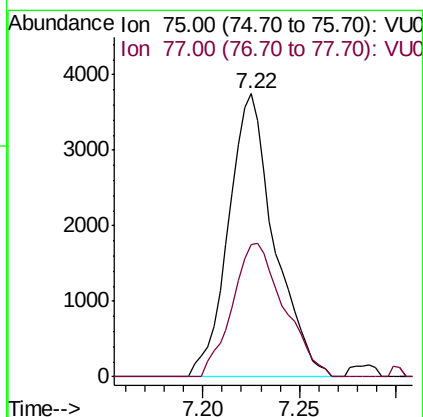
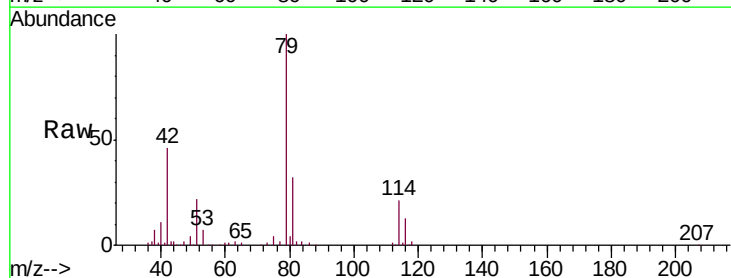
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

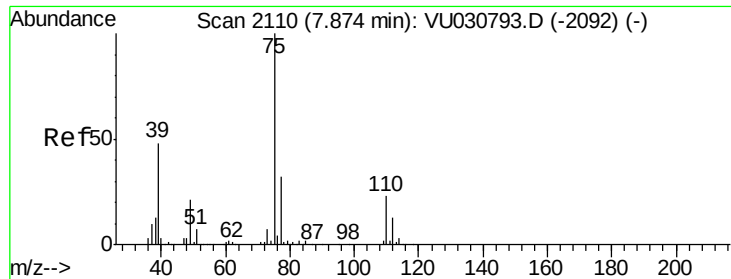
Tgt Ion: 83 Resp: 30765
Ion Ratio Lower Upper
83 100
85 64.9 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 1.060 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030796.D
Acq: 06 Apr 2019 13:37

Tgt Ion: 75 Resp: 6164
Ion Ratio Lower Upper
75 100
77 46.7 23.1 42.9#

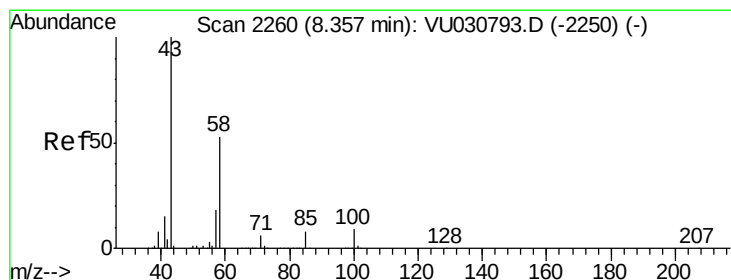
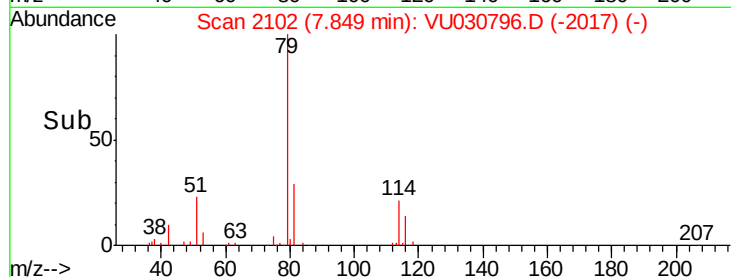
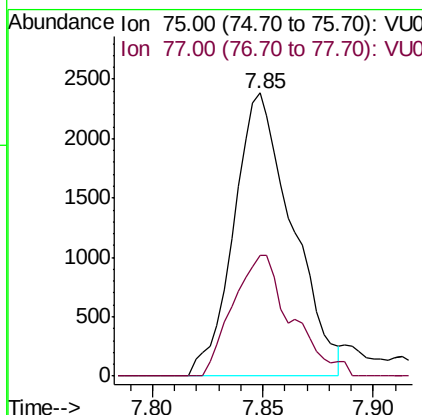
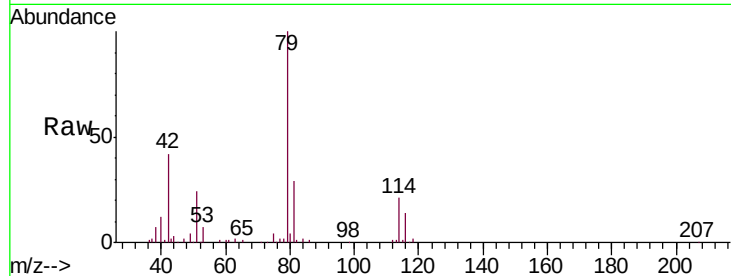




#44
trans-1,3-Dichloropropene
Concen: 0.857 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030796.D
Acq: 06 Apr 2019 13:37

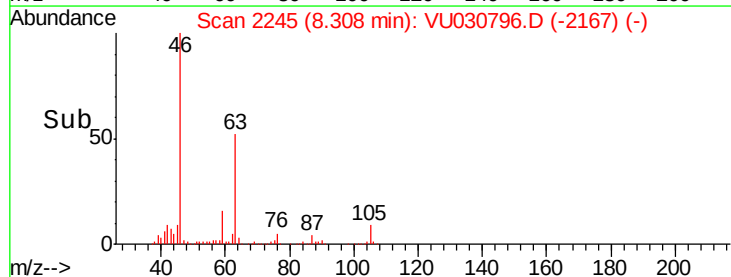
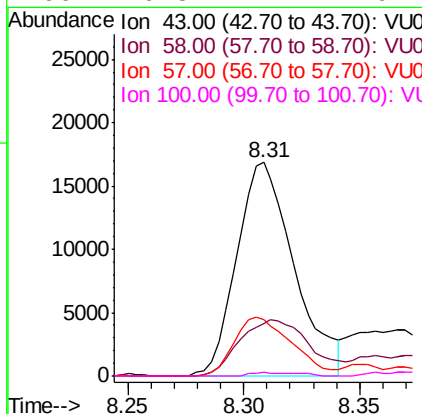
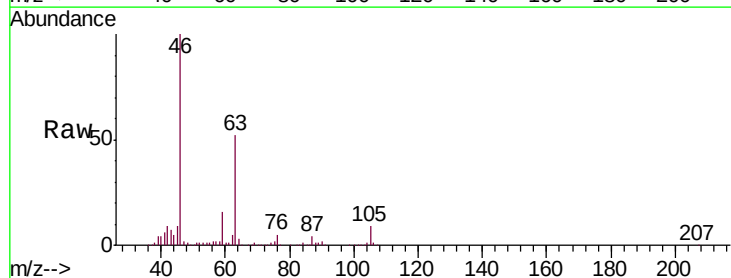
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

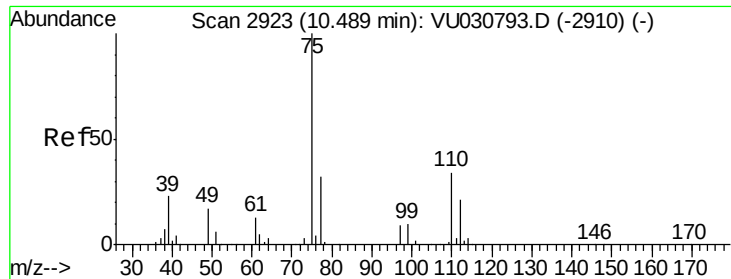
Tgt Ion: 75 Resp: 4394
Ion Ratio Lower Upper
75 100
77 42.5 21.6 40.0#



#48
2-Hexanone
Concen: 5.658 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030796.D
Acq: 06 Apr 2019 13:37

Tgt Ion: 43 Resp: 29012
Ion Ratio Lower Upper
43 100
58 32.4 41.9 62.9#
57 27.3 14.3 21.5#
100 0.8 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 5.159 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030796.D

Acq: 06 Apr 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 25251

Ion Ratio Lower Upper

75 100

77 35.6 26.1 39.1

