

Data File : VU031798.D
Acq On : 07 May 2019 12:43
Operator : JC/SP
Sample : K2705-05DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B44DL

Quant Time: May 08 06:51:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	639014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225513	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250806	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.68	69	186809	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.27	63	396444	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
21) 2-Butanone-d5	4.19	46	516975	106.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.69%
24) Chloroform-d	4.64	84	464319	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.31	65	328336	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
32) Benzene-d6	5.34	84	907577	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	6.33	67	330358	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.56	98	734062	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.85	79	128956	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
47) 2-Hexanone-d5	8.31	63	275832	95.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	405915	45.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	223177	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

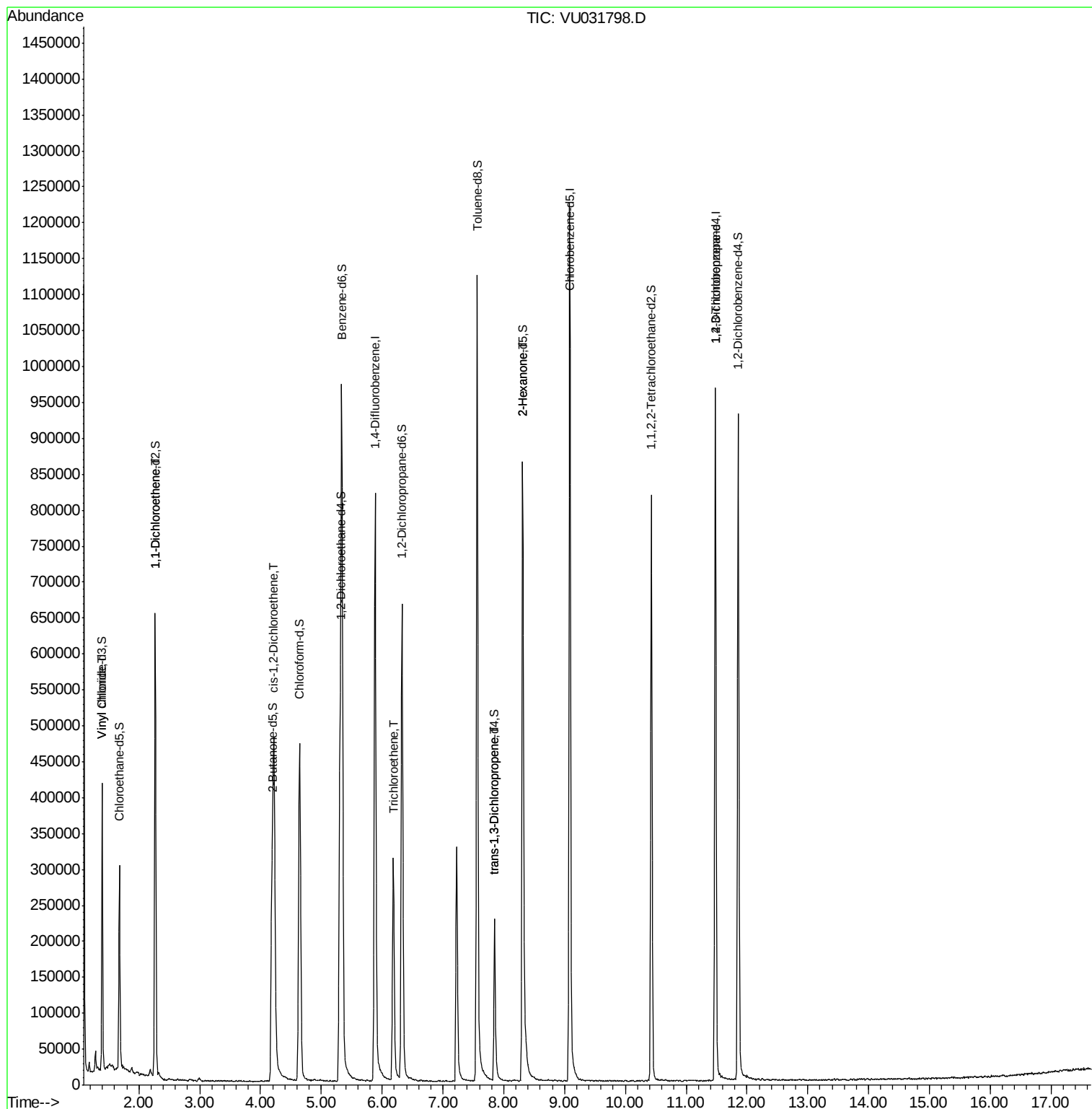
					Qvalue	
5) Vinyl chloride	1.40	62	23981	3.017	ug/L #	74
12) 1,1-Dichloroethene	2.27	96	9346	1.875	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	198729	35.662	ug/L	84
34) Trichloroethene	6.18	95	114996	20.871	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	6108	0.790	ug/L	94
48) 2-Hexanone	8.31	43	42857	5.337	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	33008	4.314	ug/L #	81

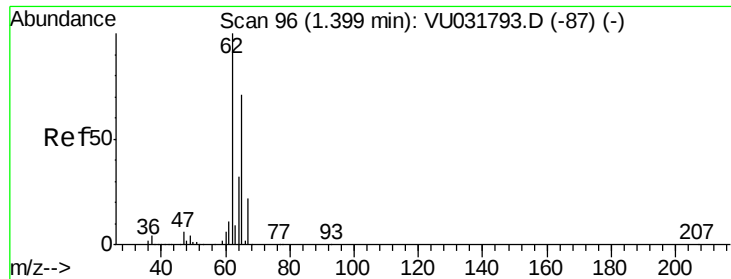
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.017 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

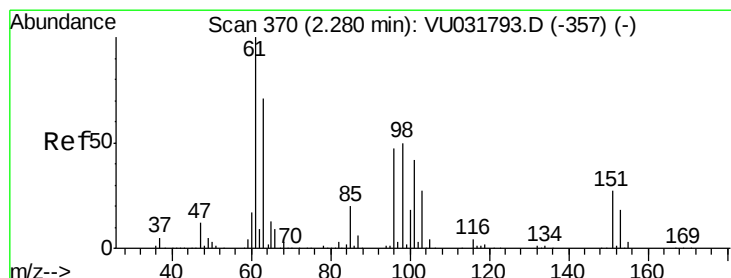
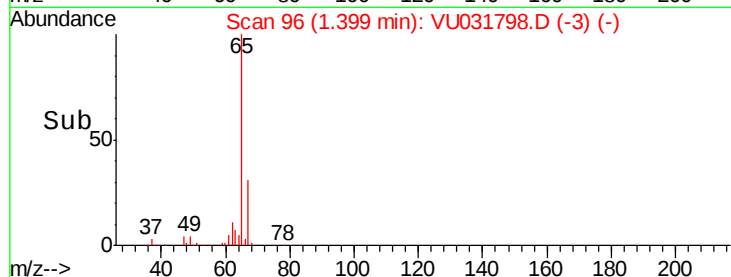
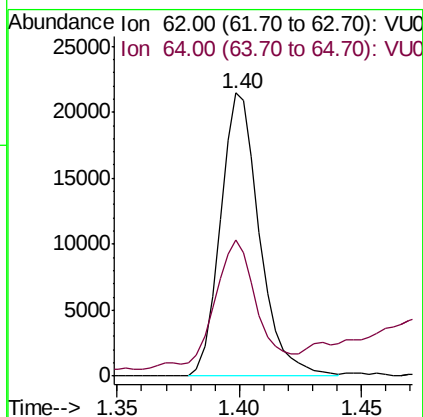
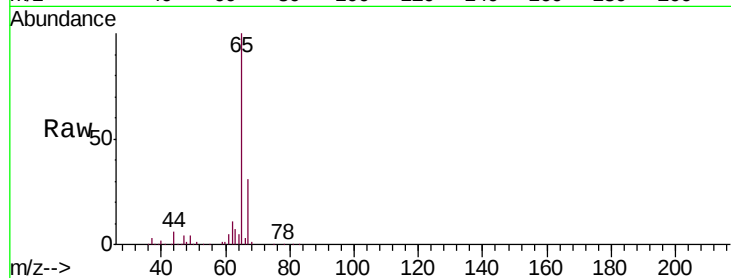
C0B44DL

Tgt Ion: 62 Resp: 23981

Ion Ratio Lower Upper

62 100

64 47.9 23.1 42.9#



#12

1,1-Dichloroethene

Concen: 1.875 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031798.D

Acq: 07 May 2019 12:43

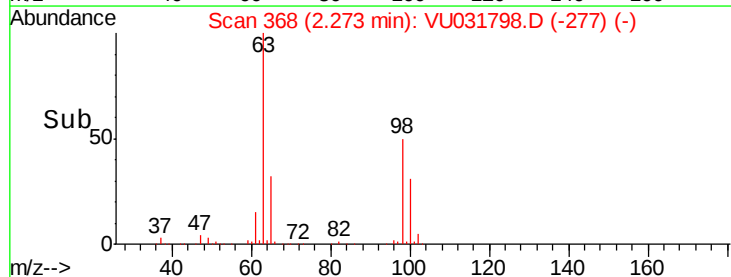
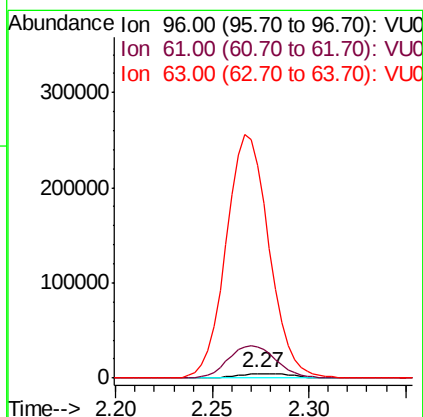
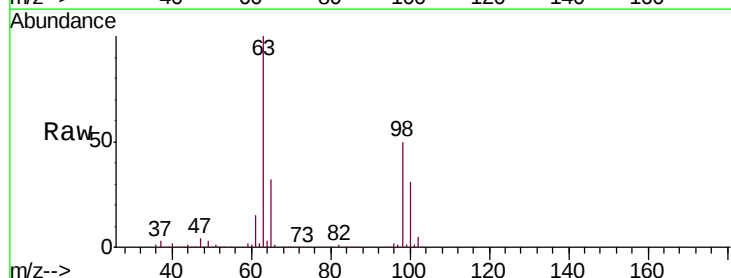
Tgt Ion: 96 Resp: 9346

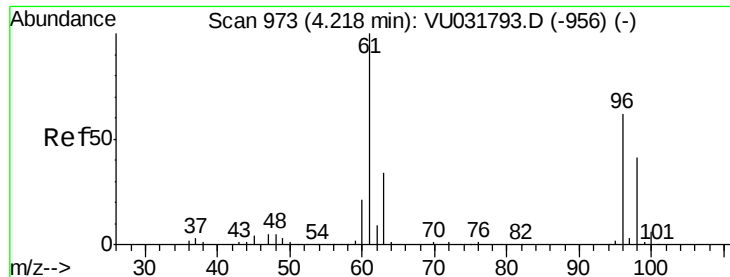
Ion Ratio Lower Upper

96 100

61 656.6 135.0 250.6#

63 4418.5 103.5 192.3#

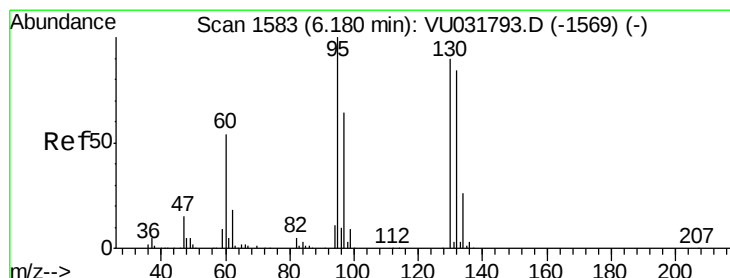
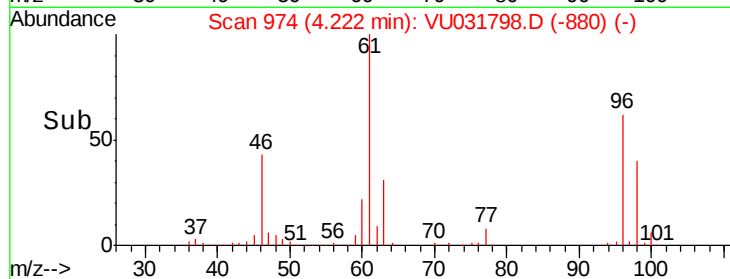
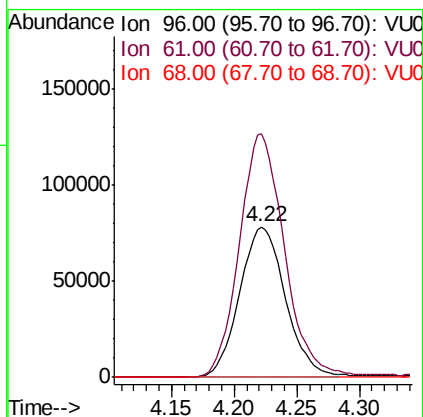
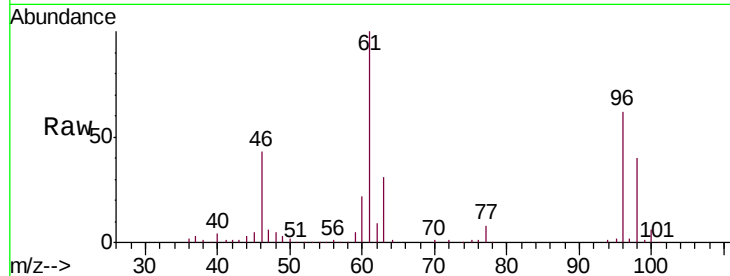




#20
 cis-1,2-Dichloroethene
 Concen: 35.662 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031798.D
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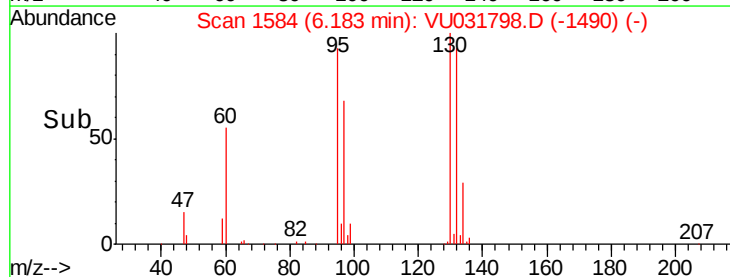
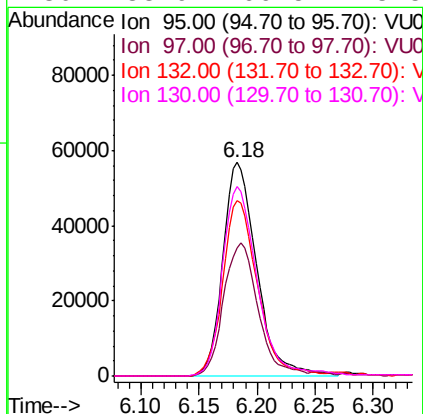
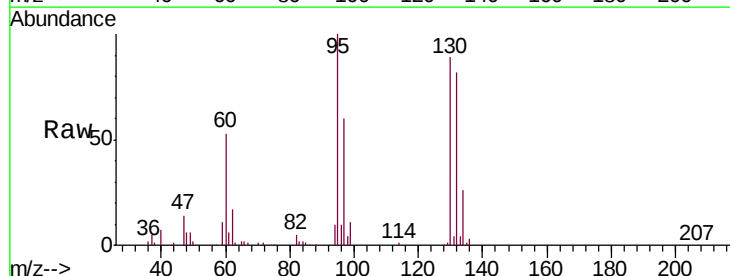
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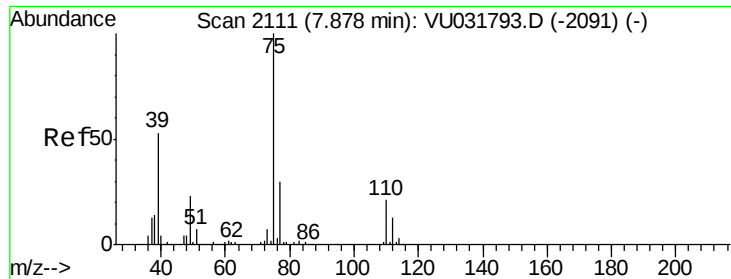
Tgt Ion: 96 Resp: 198729
 Ion Ratio Lower Upper
 96 100
 61 161.6 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 20.871 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031798.D
 Acq: 07 May 2019 12:43

Tgt Ion: 95 Resp: 114996
 Ion Ratio Lower Upper
 95 100
 97 60.1 44.8 83.2
 132 82.3 63.1 117.1
 130 88.9 66.5 123.5

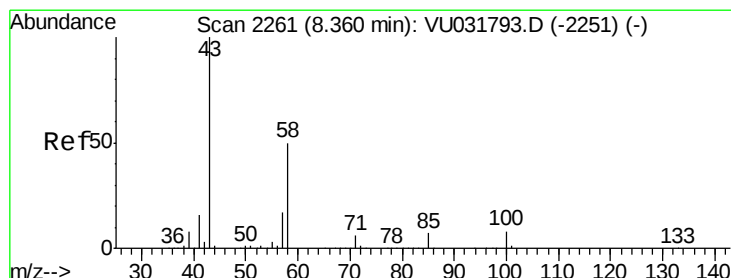
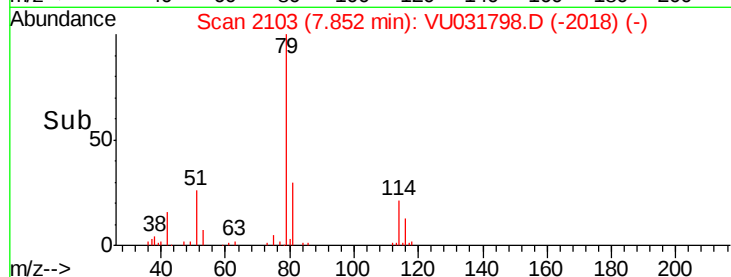
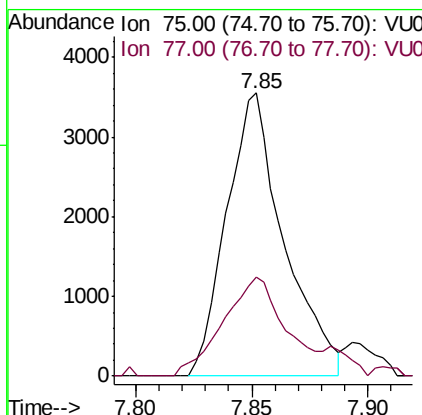
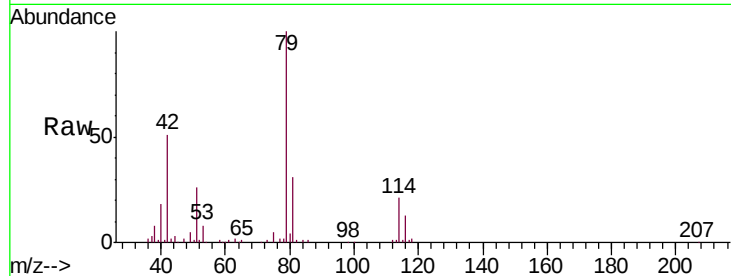




#44
 trans-1,3-Dichloropropene
 Concen: 0.790 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU031798.D
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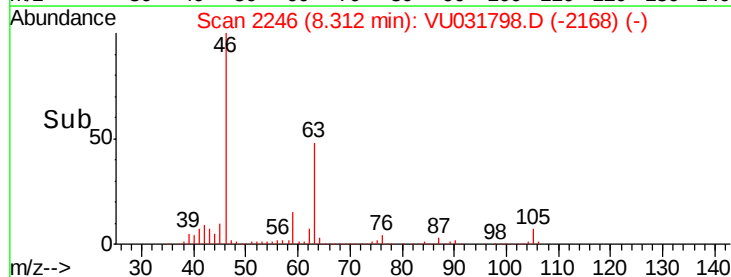
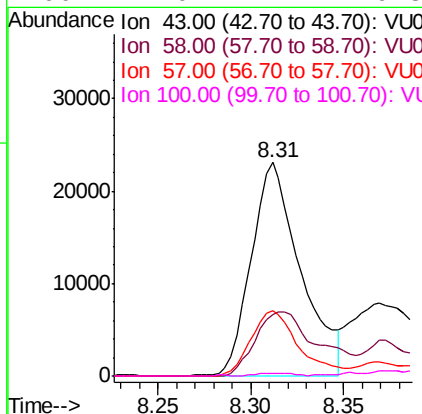
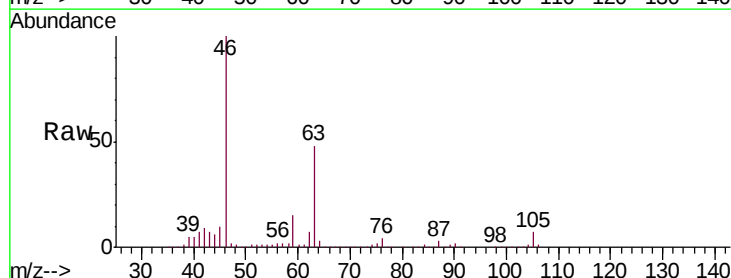
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B44DL

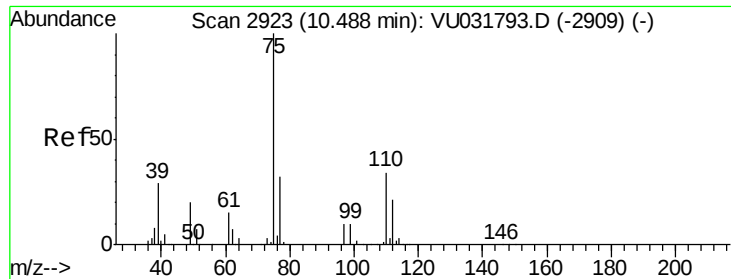
Tgt Ion: 75 Resp: 6108
 Ion Ratio Lower Upper
 75 100
 77 34.9 22.1 41.1



#48
 2-Hexanone
 Concen: 5.337 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031798.D
 Acq: 07 May 2019 12:43

Tgt Ion: 43 Resp: 42857
 Ion Ratio Lower Upper
 43 100
 58 38.6 42.1 63.1#
 57 29.9 14.6 22.0#
 100 1.0 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.314 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031798.D

Acq: 07 May 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

C0B44DL

Tgt Ion: 75 Resp: 33008

Ion Ratio Lower Upper

75 100

77 43.0 25.9 38.9#

