

Data File : VU031640.D
Acq On : 30 Apr 2019 17:39
Operator : JC/SP
Sample : K2593-09DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X73DL

Quant Time: May 01 01:43:43 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	689776	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	662313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228991	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	308437	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.86%
7) Chloroethane-d5	1.68	69	227726	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.48	63	157	0.01	ug/L	0.21
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.19	46	501168	95.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	4.64	84	518004	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.31	65	358543	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
32) Benzene-d6	5.33	84	999498	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.32	67	362401	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.56	98	789094	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	7.85	79	134017	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
47) 2-Hexanone-d5	8.31	63	271867	87.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	439142	45.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	228428	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%

Target Compounds

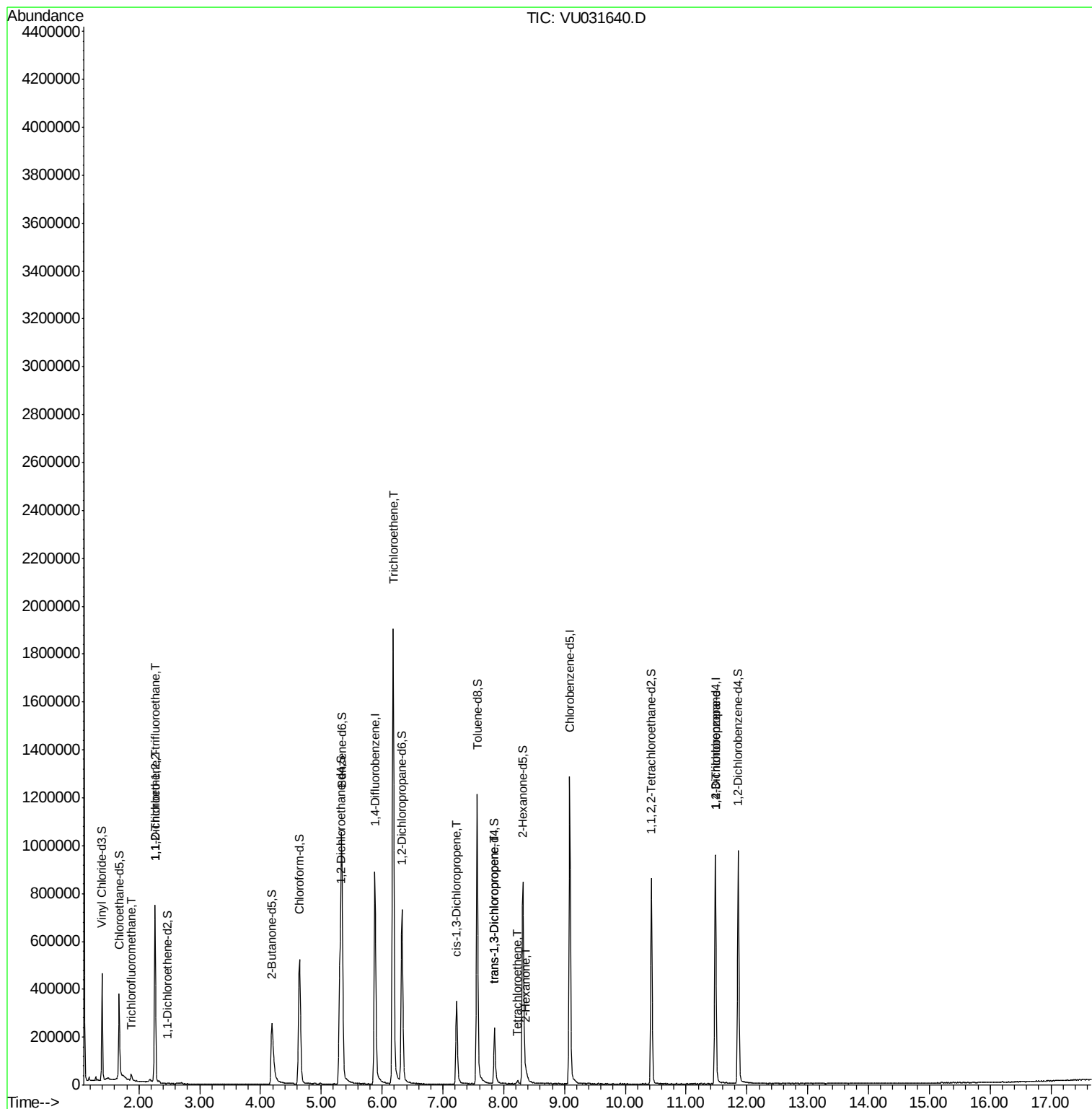
						Qvalue
9) Trichlorofluoromethane	1.87	101	9667	0.988	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3241	0.586	ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2973	0.552	ug/L #	1
34) Trichloroethene	6.18	95	702647	119.039	ug/L	94
39) cis-1,3-Dichloropropene	7.22	75	8616	0.943	ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	6240	0.753	ug/L	89
46) Tetrachloroethene	8.22	164	2816	0.700	ug/L	91
48) 2-Hexanone	8.37	43	18701	2.174	ug/L #	46
59) 1,2,3-Trichloropropane	11.48	75	34187	4.171	ug/L	93

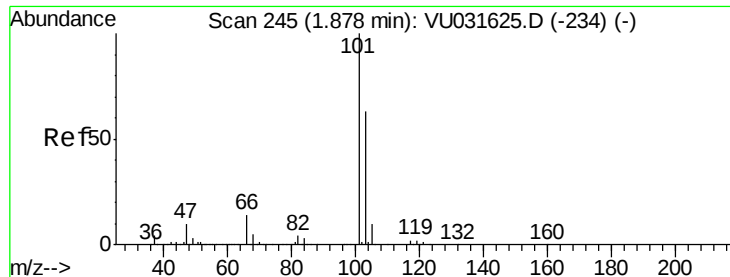
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.988 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU031640.D

Acq: 30 Apr 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

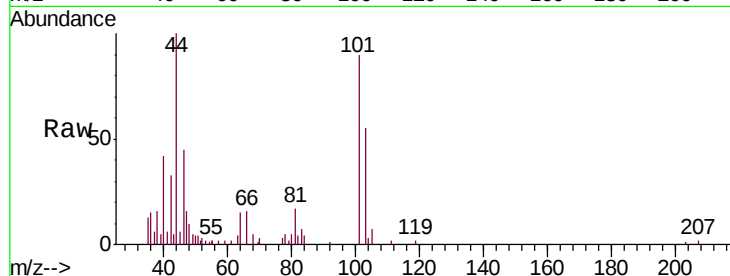
C0X73DL

Tgt Ion:101 Resp: 9667

Ion Ratio Lower Upper

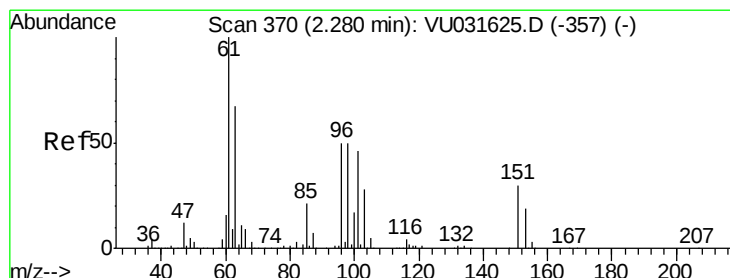
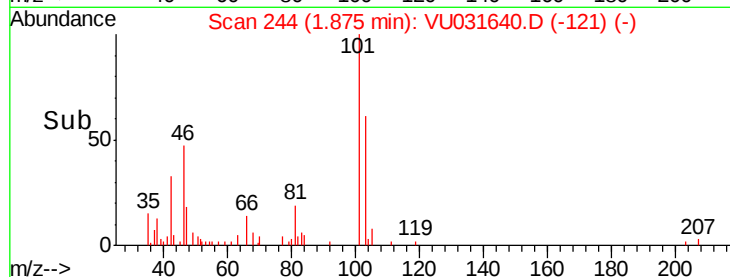
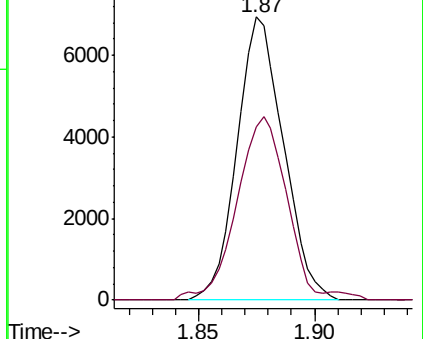
101 100

103 67.8 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.586 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031640.D

Acq: 30 Apr 2019 17:39

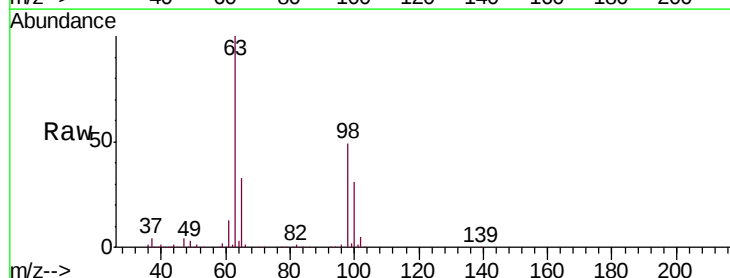
Tgt Ion:101 Resp: 3241

Ion Ratio Lower Upper

101 100

85 2.1 36.1 54.1#

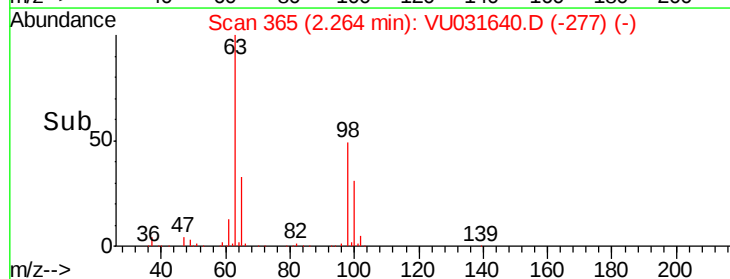
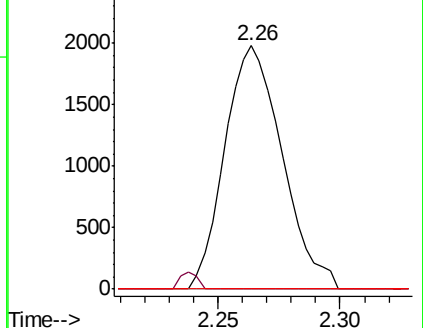
151 0.0 56.1 84.1#

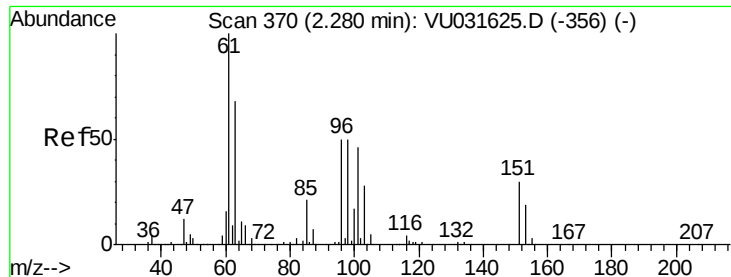


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

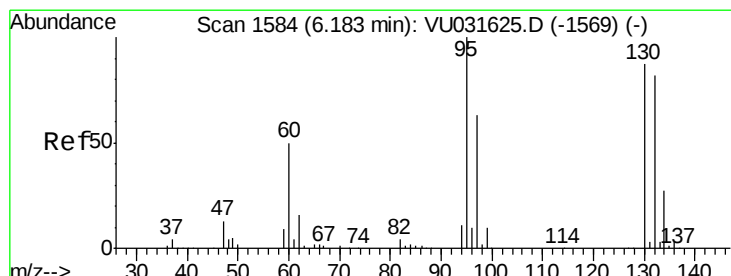
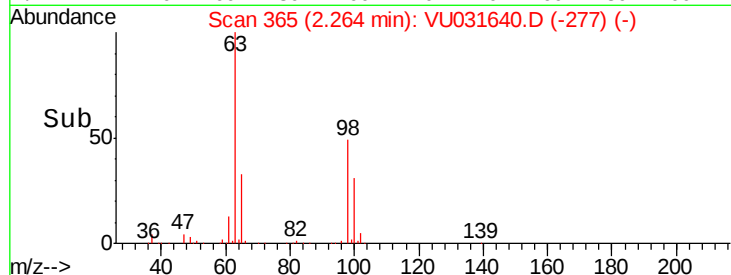
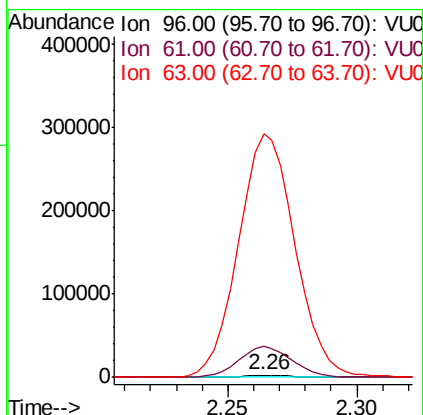
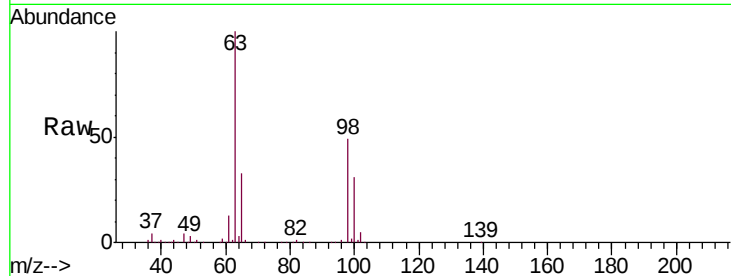




#12
 1,1-Dichloroethene
 Concen: 0.552 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

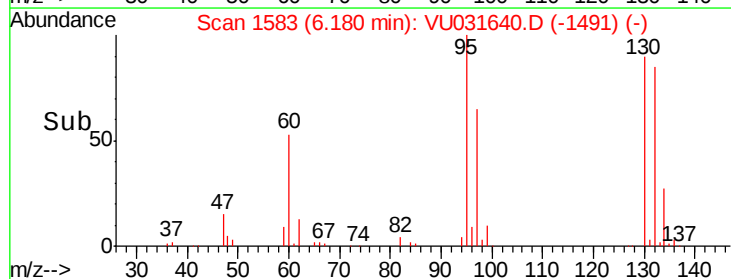
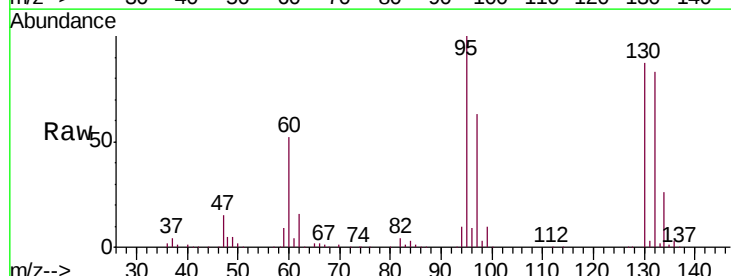
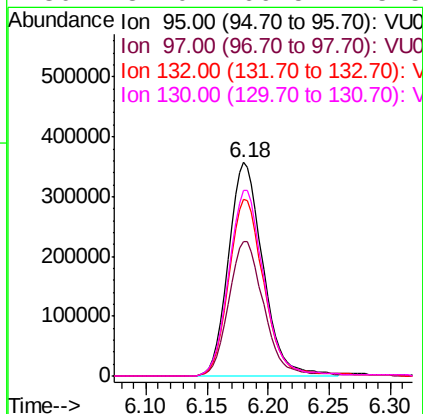
Instrument :
 MSVOA_U
 ClientSampled :
 C0X73DL

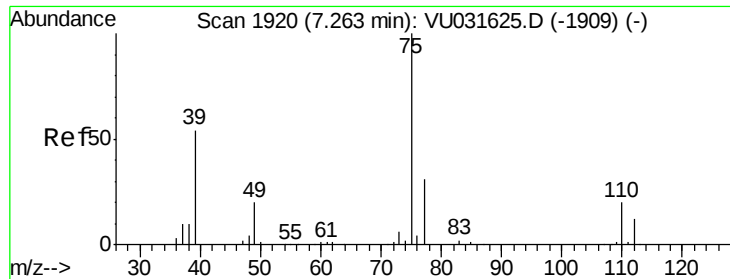
Tgt Ion: 96 Resp: 2973
 Ion Ratio Lower Upper
 96 100
 61 1824.7 135.0 250.6#
 63 14386.6 103.5 192.3#



#34
 Trichloroethene
 Concen: 119.039 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

Tgt Ion: 95 Resp: 702647
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.8 83.2
 132 82.9 63.1 117.1
 130 87.0 66.5 123.5

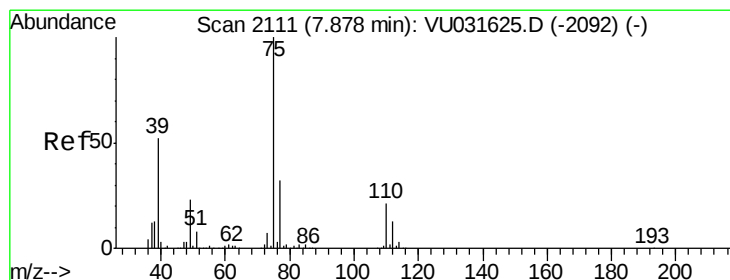
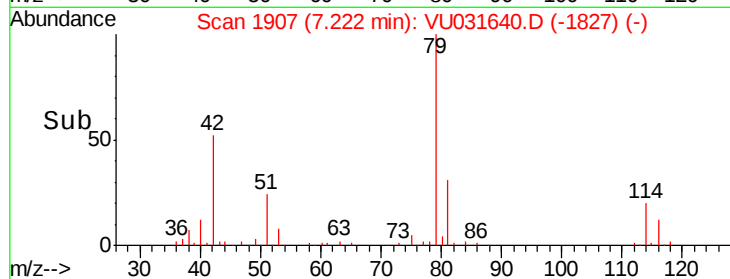
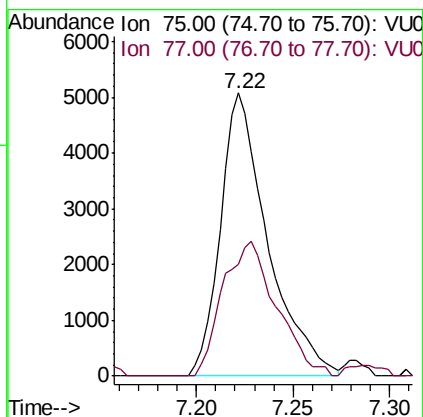
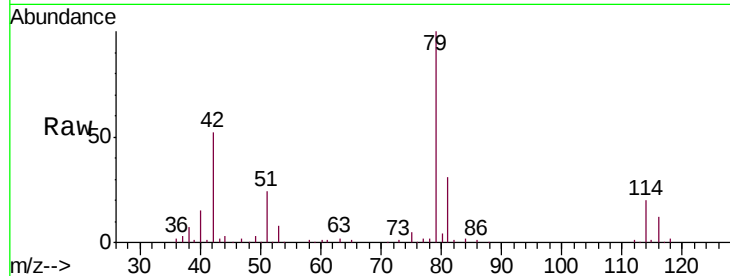




#39
 cis-1,3-Dichloropropene
 Concen: 0.943 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

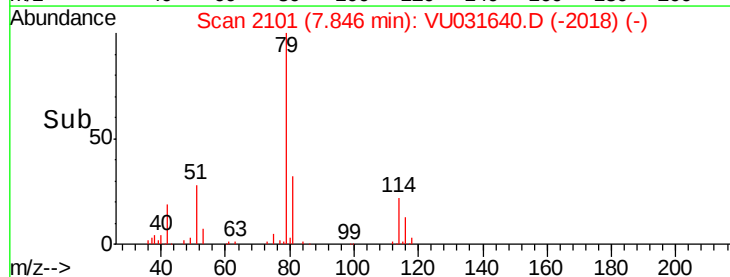
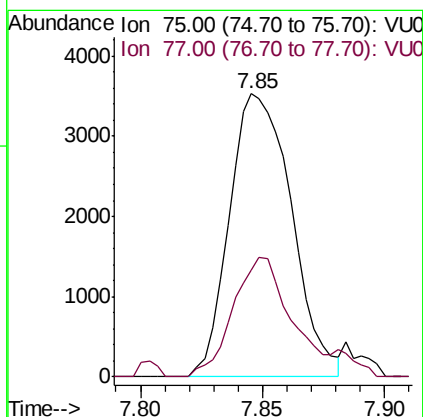
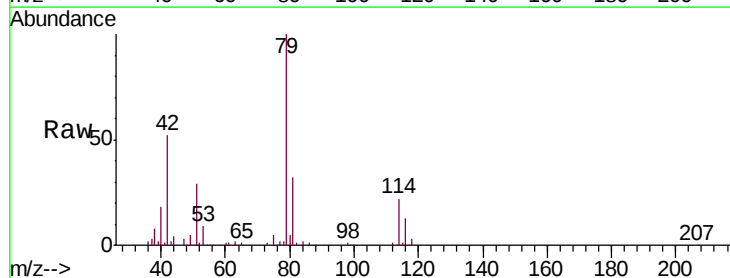
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X73DL

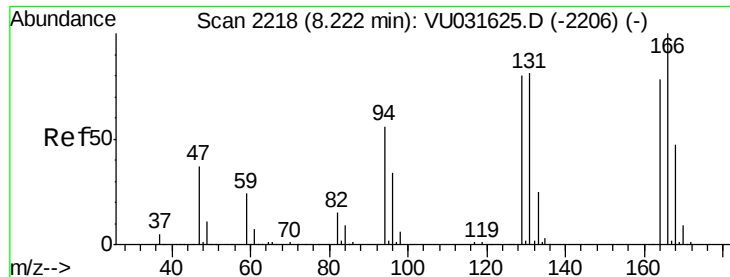
Tgt Ion: 75 Resp: 8616
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.1 41.1



#44
 trans-1,3-Dichloropropene
 Concen: 0.753 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031640.D
 Acq: 30 Apr 2019 17:39

Tgt Ion: 75 Resp: 6240
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.1 41.1





#46

Tetrachloroethene

Concen: 0.700 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031640.D

Acq: 30 Apr 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

C0X73DL

Tgt Ion:164 Resp: 2816

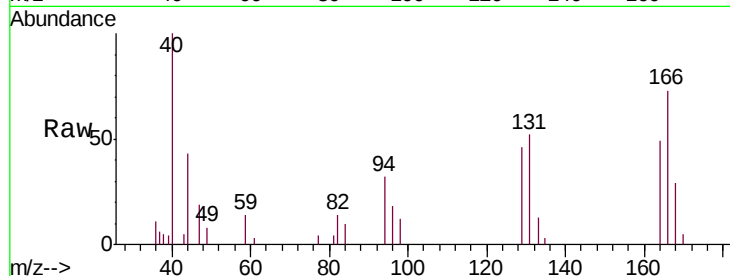
Ion Ratio Lower Upper

164 100

129 93.4 71.5 132.9

131 105.4 69.0 128.2

166 148.0 93.7 173.9

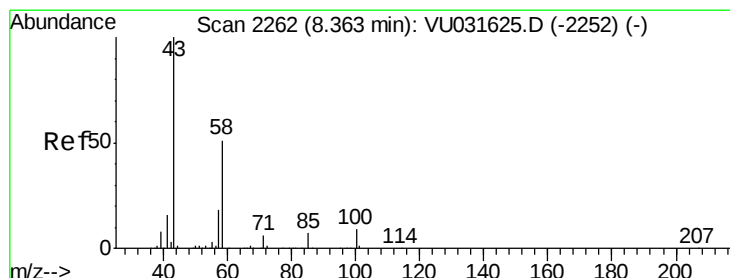
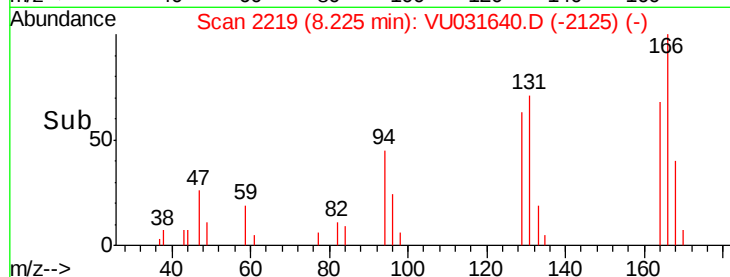
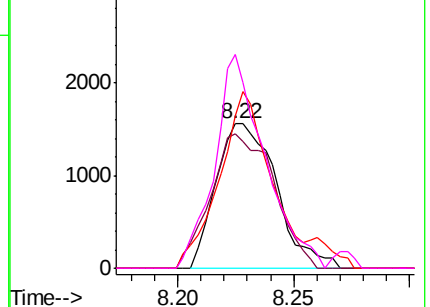


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.174 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU031640.D

Acq: 30 Apr 2019 17:39

Tgt Ion: 43 Resp: 18701

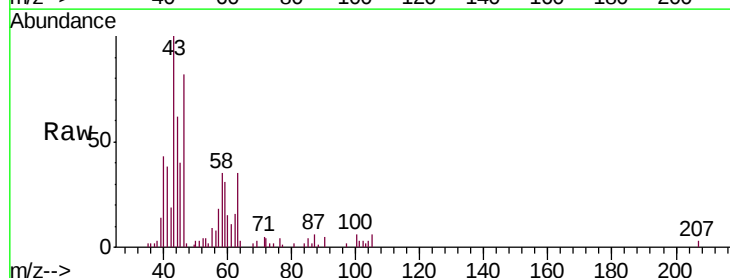
Ion Ratio Lower Upper

43 100

58 6.5 42.1 63.1#

57 0.0 14.6 22.0#

100 2.5 7.2 10.8#

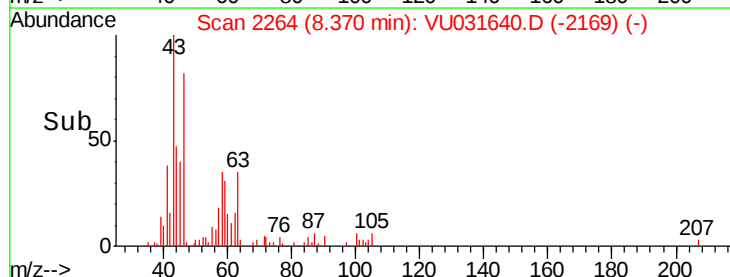
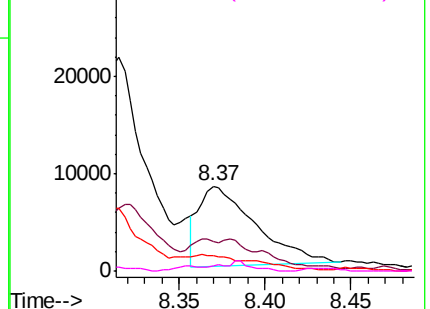


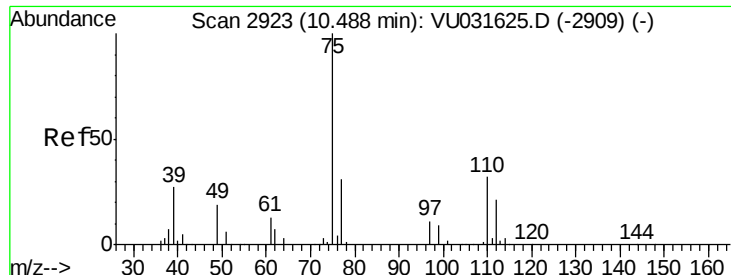
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.171 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031640.D

Acq: 30 Apr 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

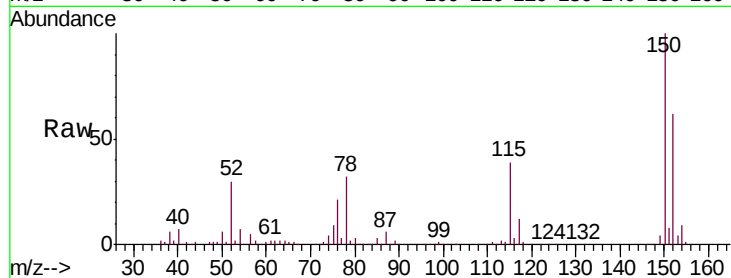
C0X73DL

Tgt Ion: 75 Resp: 34187

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

