

Data File : VU031123.D
Acq On : 12 Apr 2019 12:27
Operator : JC/SP
Sample : K2353-07DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 115 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ63DL

Quant Time: Apr 12 23:37:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508656	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	224846	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.04%
7) Chloroethane-d5	1.68	69	169883	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	293814	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.56%
21) 2-Butanone-d5	4.17	46	318478	88.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.50%
24) Chloroform-d	4.64	84	326116	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	5.31	65	224886	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.33	84	679712	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
36) 1,2-Dichloropropane-d6	6.33	67	225919	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.90%
41) Toluene-d8	7.56	98	580507	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%
43) trans-1,3-Dichloropropene-	7.85	79	98527	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	183081	80.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298392	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	208154	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2617	0.719	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2892	0.823	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	279941	67.910	ug/L	91
25) Chloroform	4.67	83	14260	1.842	ug/L	88
44) trans-1,3-Dichloropropene	7.84	75	4421	0.765	ug/L	98
46) Tetrachloroethene	8.23	164	2982	1.028	ug/L	93
48) 2-Hexanone	8.37	43	13835	2.395	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	24778	4.493	ug/L	92

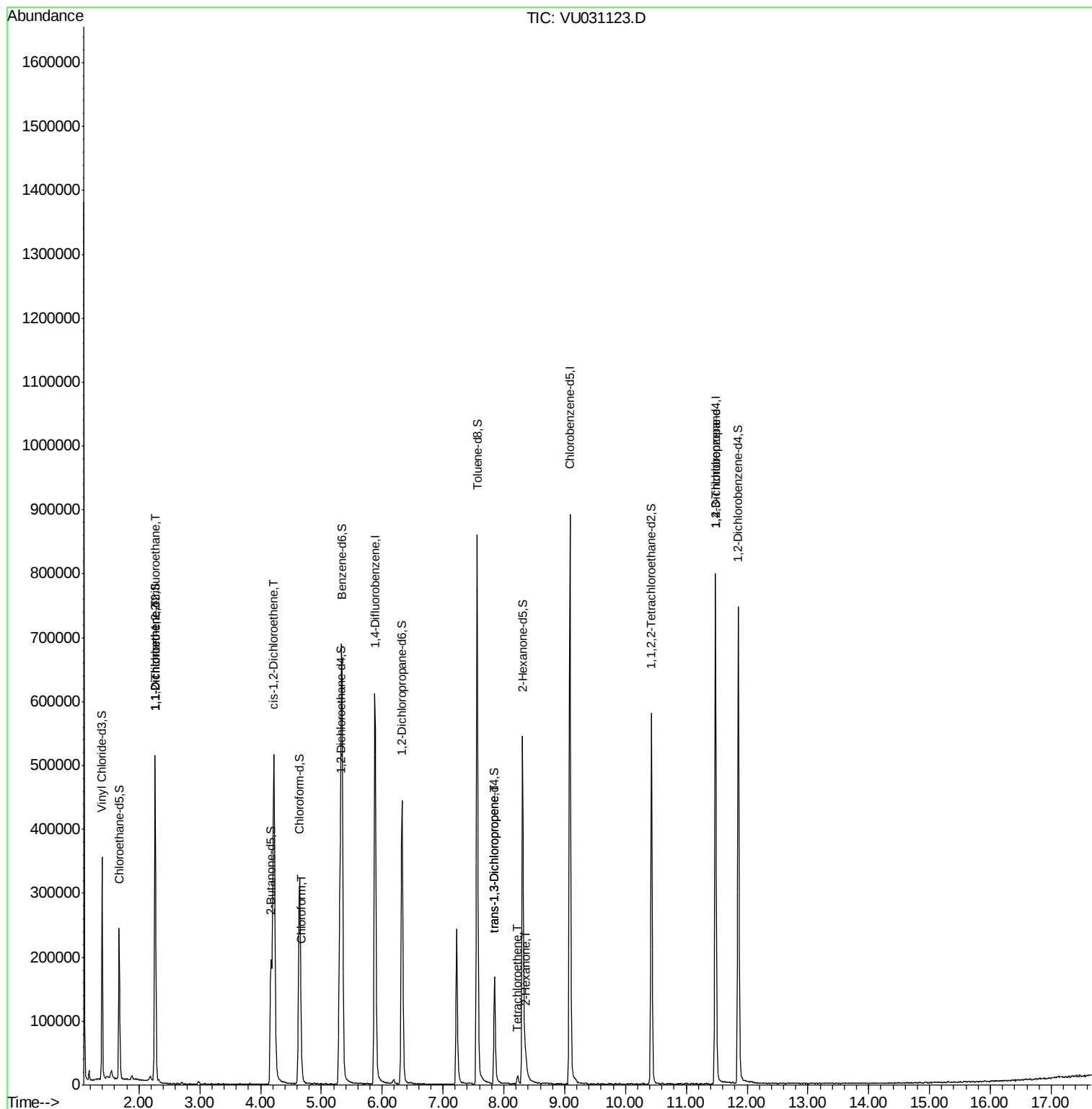
(#) = qualifier out of range (m) = manual integration (+) = signals summed

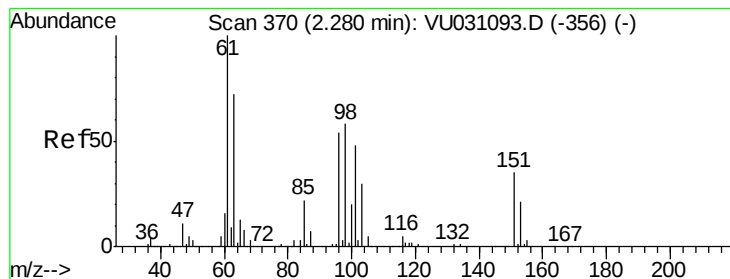
Data File : VU031123.D

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Acq On      : 12 Apr 2019   12:27
Operator    : JC/SP
Sample      : K2353-07DL 100X
Misc        : 5.0mL/MSVOA_U/WATER
ALS Vial    : 115      Sample Multiplier: 1
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Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:21:49 2019
Response via : Initial Calibration





#10

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

Concen: 0.719 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031123.D

Acq: 12 Apr 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

ETJ63DL

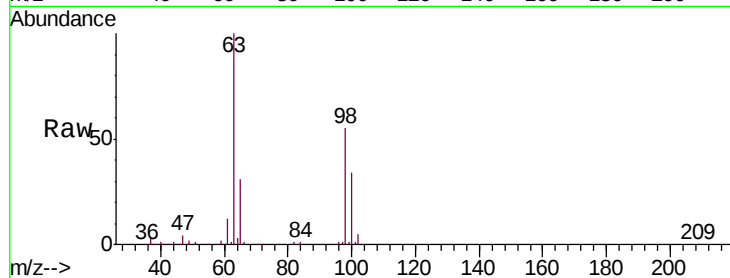
Tgt Ion:101 Resp: 2617

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

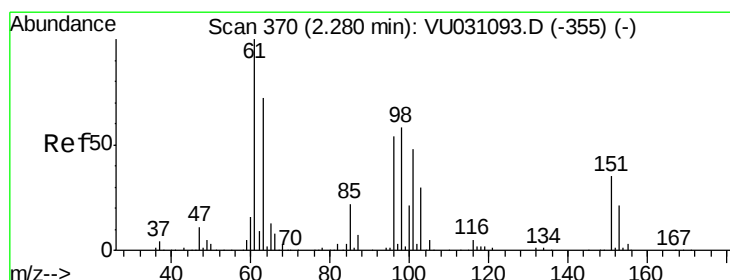
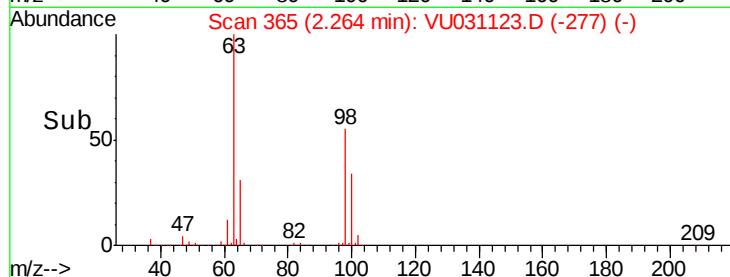
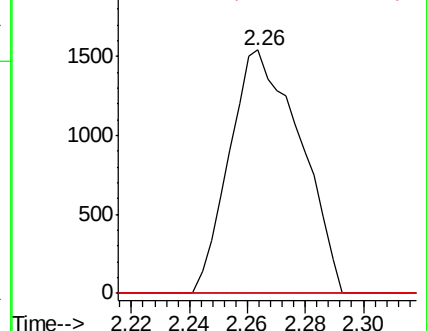
151 0.0 57.4 86.0#



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: 0.823 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031123.D

Acq: 12 Apr 2019 12:27

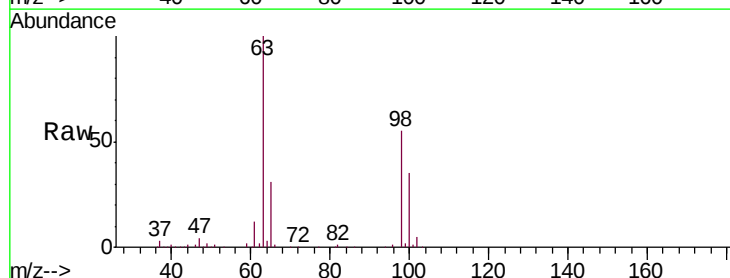
Tgt Ion: 96 Resp: 2892

Ion Ratio Lower Upper

96 100

61 1147.5 132.0 245.2#

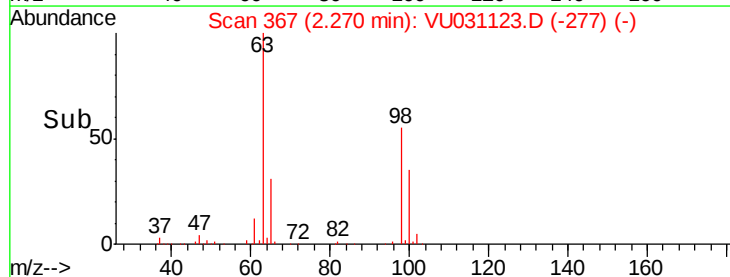
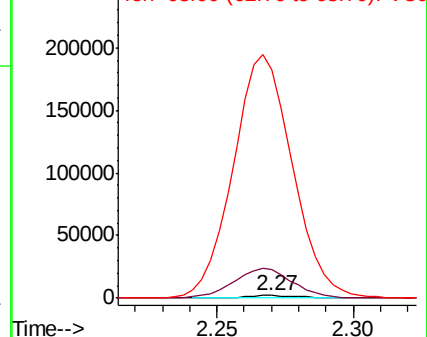
63 9300.8 90.9 168.9#

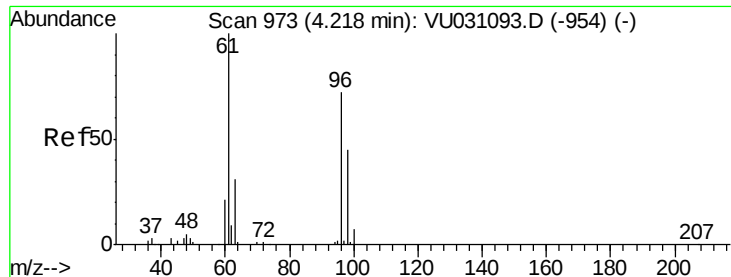


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



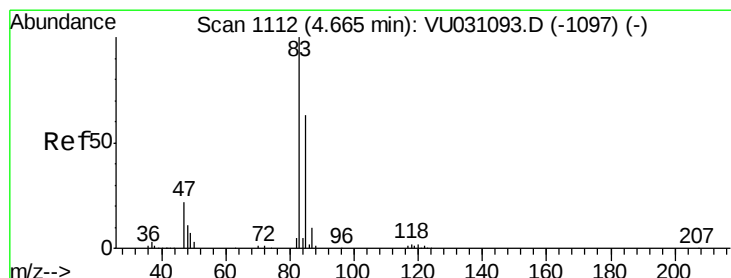
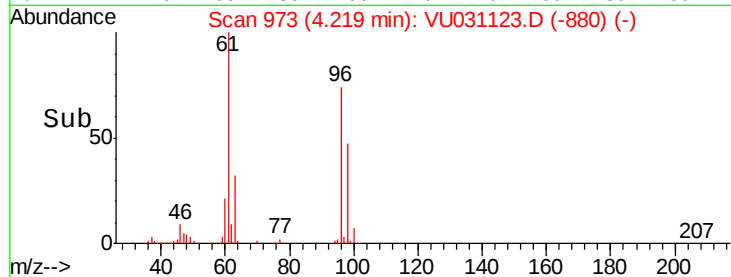
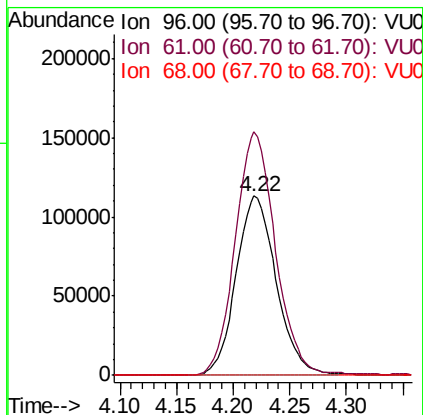
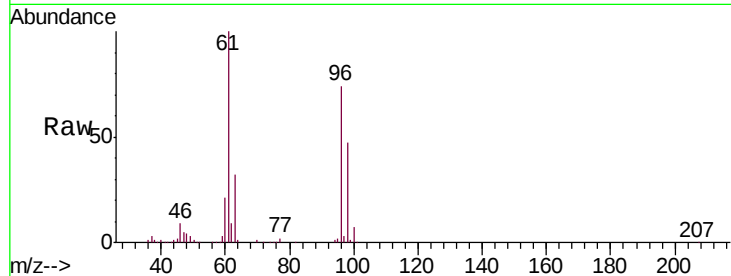


#20

cis-1,2-Dichloroethene
 Concen: 67.910 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031123.D
 Acq: 12 Apr 2019 12:27

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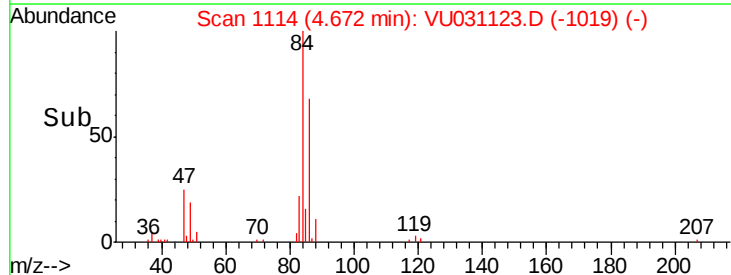
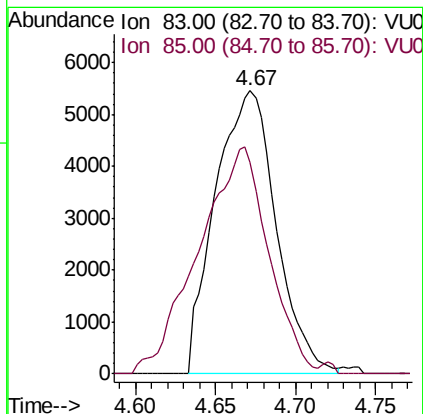
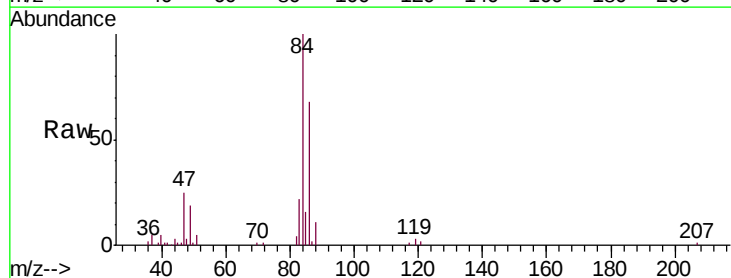
Tgt Ion: 96 Resp: 279941
 Ion Ratio Lower Upper
 96 100
 61 135.8 102.9 191.1
 68 0.0 0.0 0.0

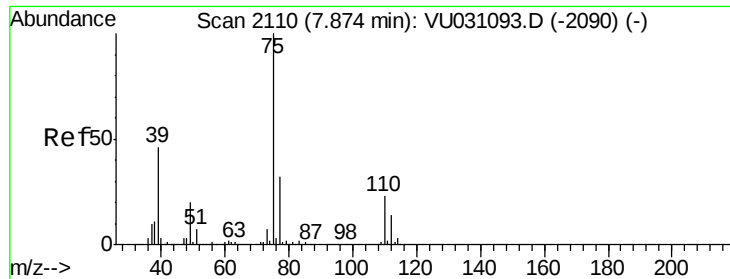


#25

Chloroform
 Concen: 1.842 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VU031123.D
 Acq: 12 Apr 2019 12:27

Tgt Ion: 83 Resp: 14260
 Ion Ratio Lower Upper
 83 100
 85 74.6 45.8 85.0

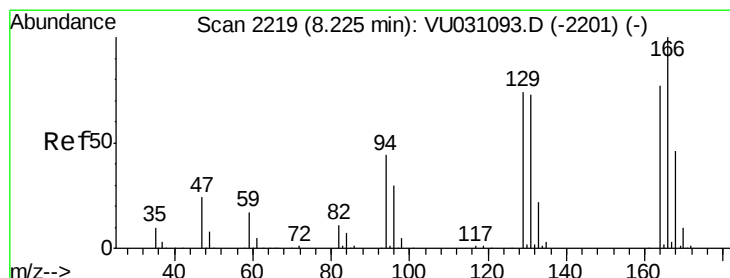
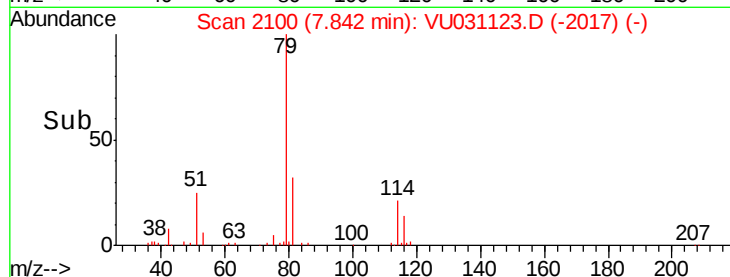
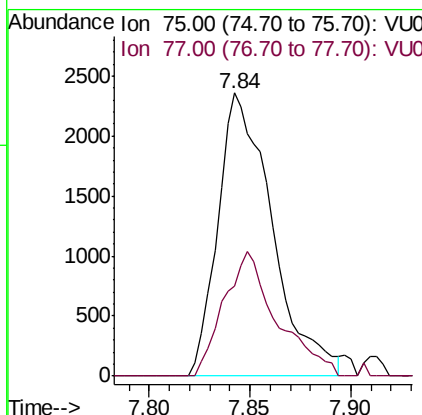
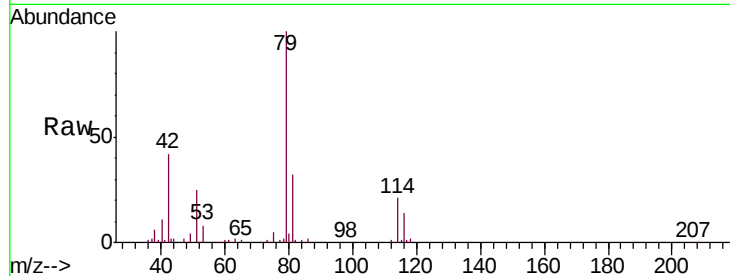




#44
trans-1,3-Dichloropropene
Concen: 0.765 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU031123.D
Acq: 12 Apr 2019 12:27

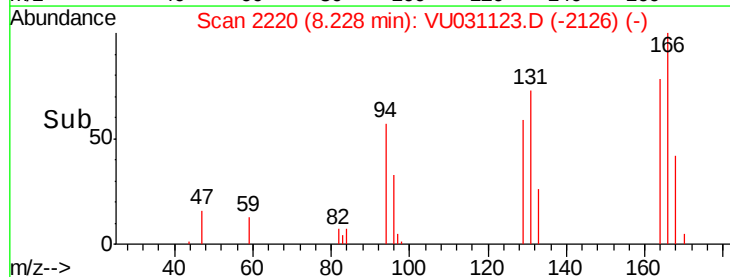
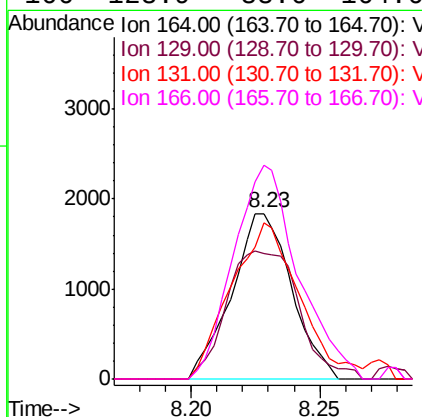
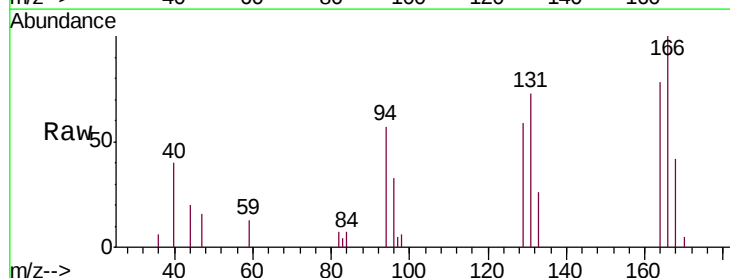
Instrument :
MSVOA_U
ClientSampleId :
ETJ63DL

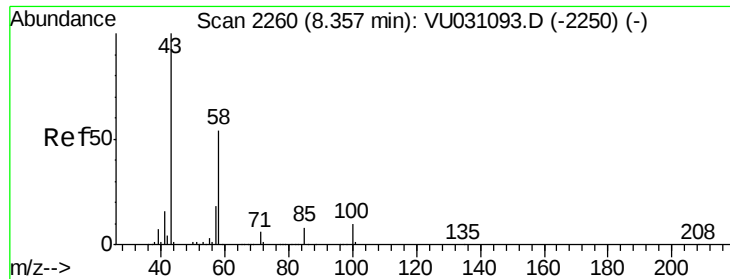
Tgt Ion: 75 Resp: 4421
Ion Ratio Lower Upper
75 100
77 31.8 21.6 40.0



#46
Tetrachloroethene
Concen: 1.028 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU031123.D
Acq: 12 Apr 2019 12:27

Tgt Ion: 164 Resp: 2982
Ion Ratio Lower Upper
164 100
129 76.0 67.4 125.2
131 93.9 65.9 122.5
166 128.9 88.6 164.6

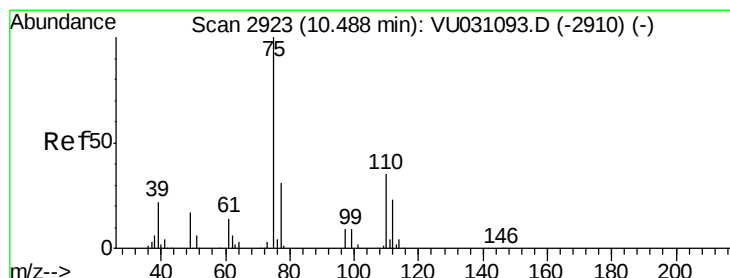
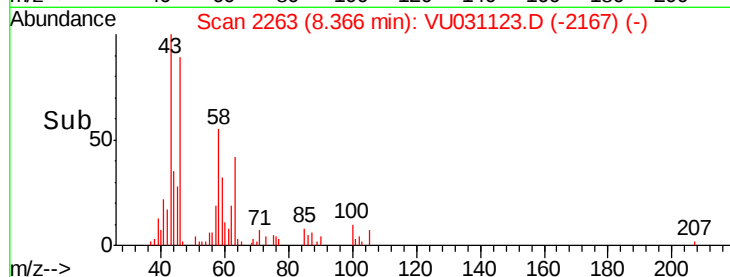
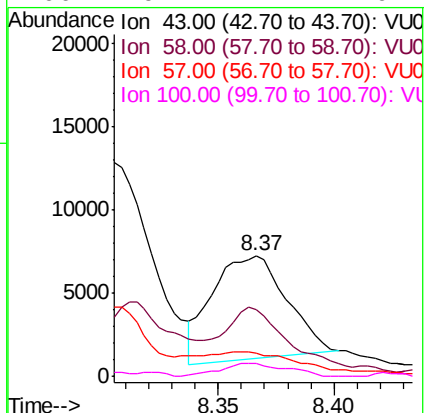
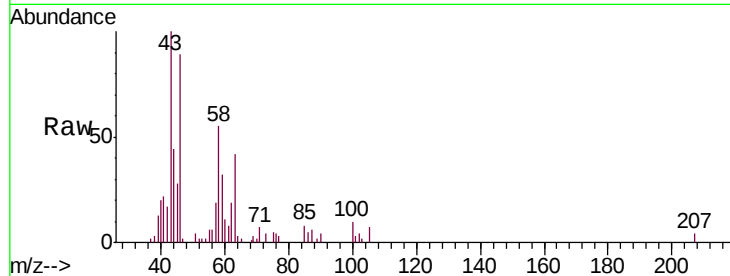




#48
 2-Hexanone
 Concen: 2.395 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031123.D
 Acq: 12 Apr 2019 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ63DL

Tgt Ion: 43 Resp: 13835
 Ion Ratio Lower Upper
 43 100
 58 44.6 41.9 62.9
 57 0.0 14.3 21.5#
 100 9.2 7.1 10.7



#59
 1,2,3-Trichloropropane
 Concen: 4.493 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031123.D
 Acq: 12 Apr 2019 12:27

Tgt Ion: 75 Resp: 24778
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.1 39.1

