

Data File : VU031437.D
Acq On : 23 Apr 2019 14:49
Operator : JC/SP
Sample : K2536-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21

Quant Time: Apr 24 06:04:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	681786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	639198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	242652	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.68	69	197056	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.70%
11) 1,1-Dichloroethene-d2	2.27	63	342821	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	4.19	46	432525	104.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.64	84	402272	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
26) 1,2-Dichloroethane-d4	5.31	65	257854	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.34	84	849077	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.33	67	285245	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.56	98	743705	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.85	79	116661	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
47) 2-Hexanone-d5	8.31	63	288269	96.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	353152	43.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	279077	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

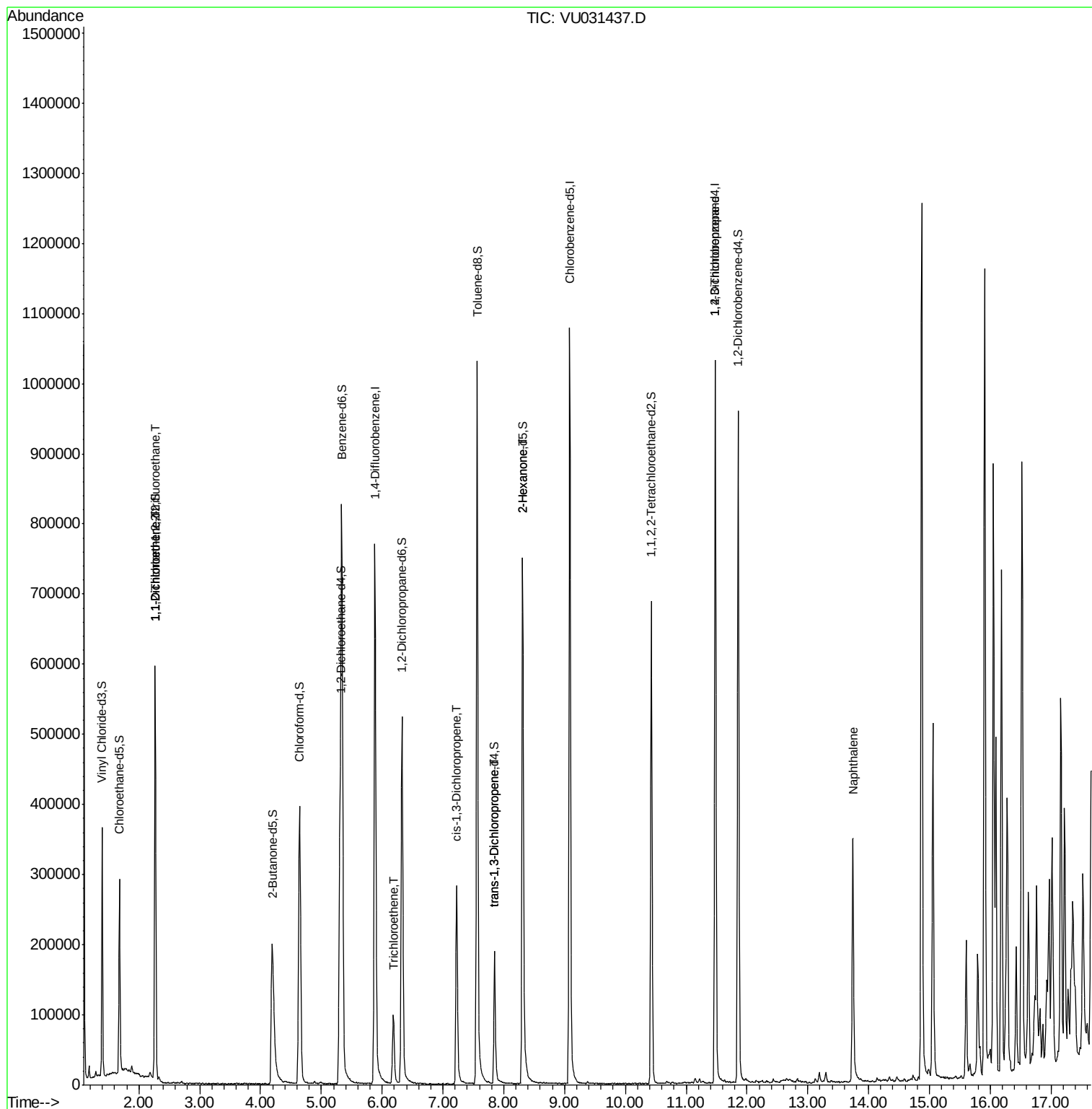
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3275	0.776	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2910	0.701	ug/L #	1
34) Trichloroethene	6.19	95	35456	7.237	ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	6191	0.839	ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	4399	0.692	ug/L	87
48) 2-Hexanone	8.31	43	30952	5.298	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	32801	5.393	ug/L	94
69) Naphthalene	13.74	128	312848	18.047	ug/L	99

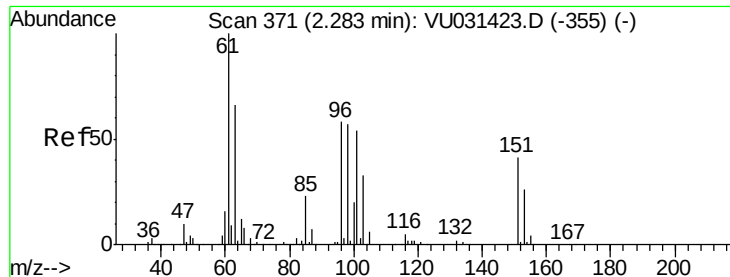
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.776 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

C0X21

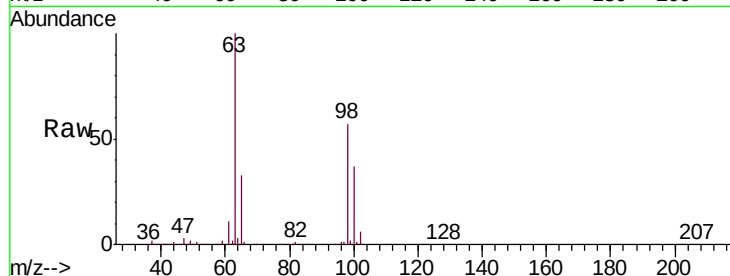
Tgt Ion:101 Resp: 3275

Ion Ratio Lower Upper

101 100

85 1.3 33.1 49.7#

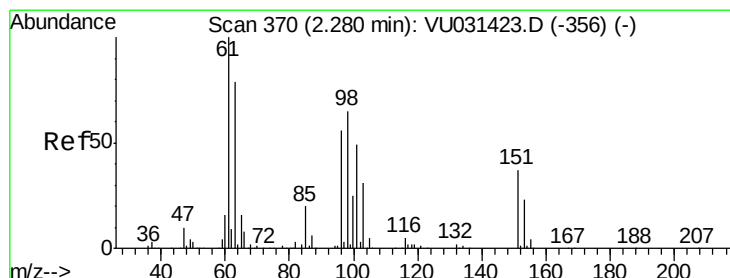
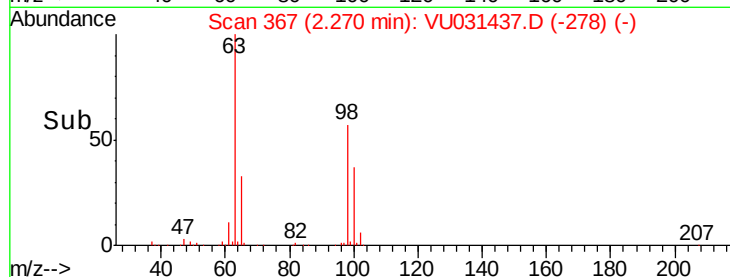
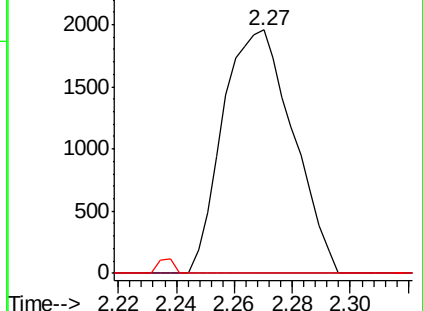
151 1.3 61.4 92.0#



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: 0.701 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031437.D

Acq: 23 Apr 2019 14:49

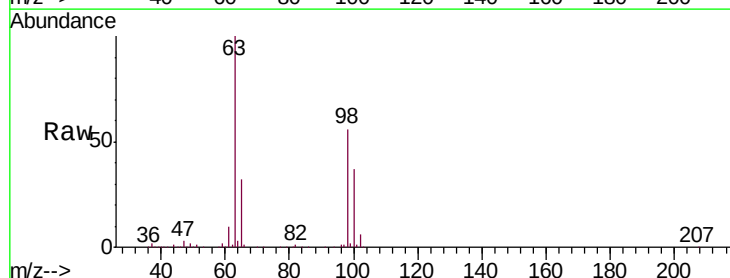
Tgt Ion: 96 Resp: 2910

Ion Ratio Lower Upper

96 100

61 1183.7 118.9 220.9#

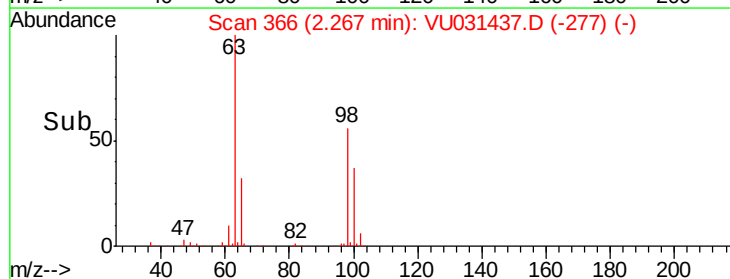
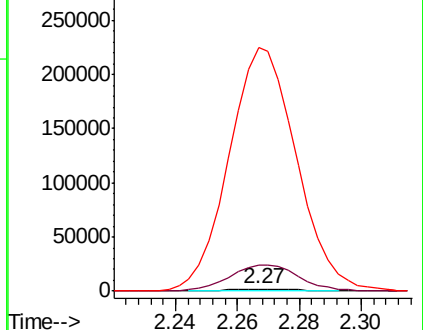
63 11318.4 99.3 184.3#

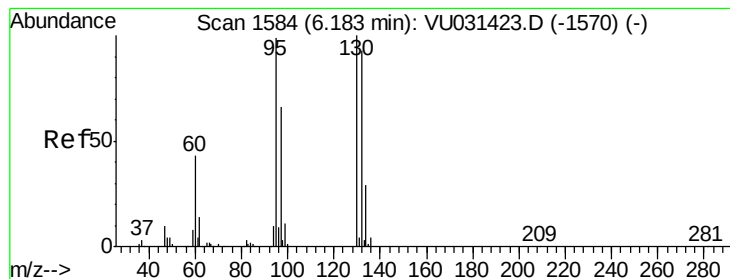


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 7.237 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0X21

Tgt Ion: 95 Resp: 35456

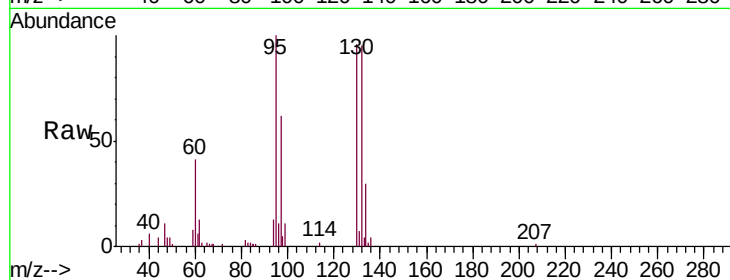
Ion Ratio Lower Upper

95 100

97 62.5 44.9 83.5

132 95.2 68.0 126.2

130 95.5 70.1 130.1



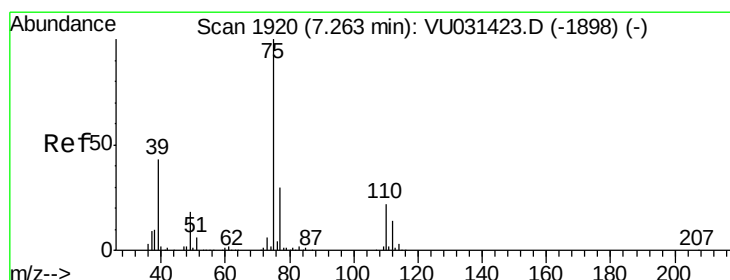
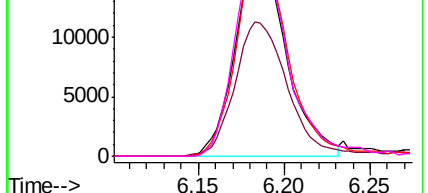
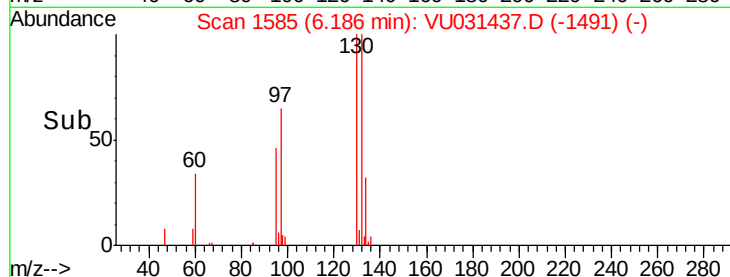
Abundance Ion 95.00 (94.70 to 95.70): VU031437.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU031437.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU031437.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU031437.D (-1570) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031437.D

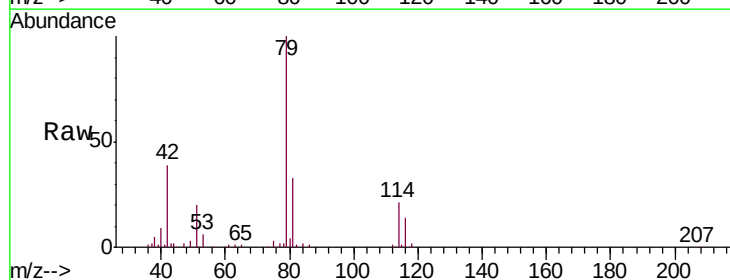
Acq: 23 Apr 2019 14:49

Tgt Ion: 75 Resp: 6191

Ion Ratio Lower Upper

75 100

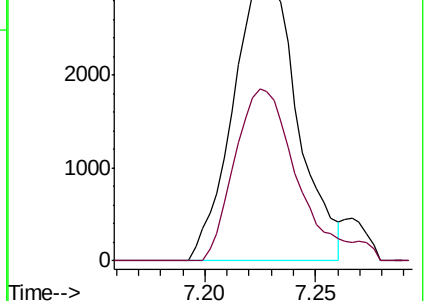
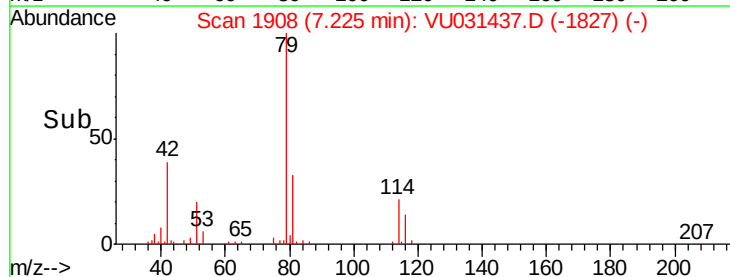
77 60.6 23.0 42.8#

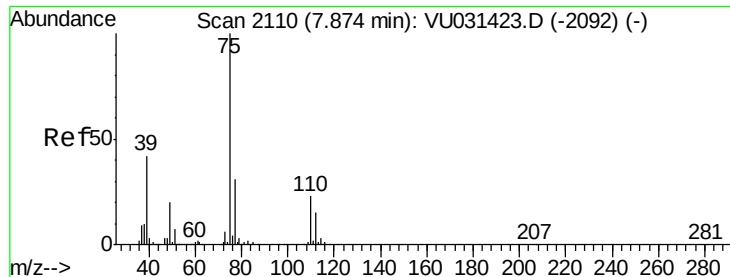


Abundance Ion 75.00 (74.70 to 75.70): VU031437.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU031437.D (-1898) (-)

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031437.D

Acq: 23 Apr 2019 14:49

Instrument :

MSVOA_U

ClientSampleId :

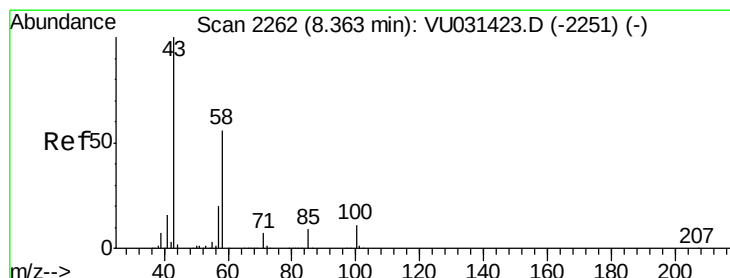
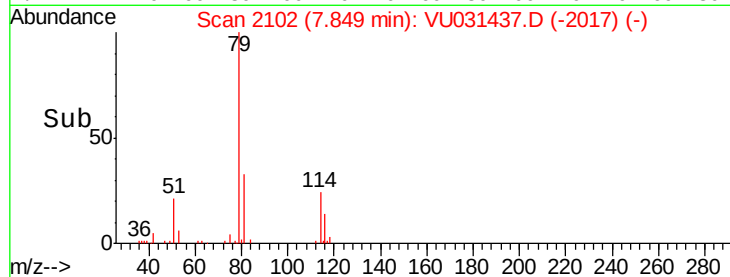
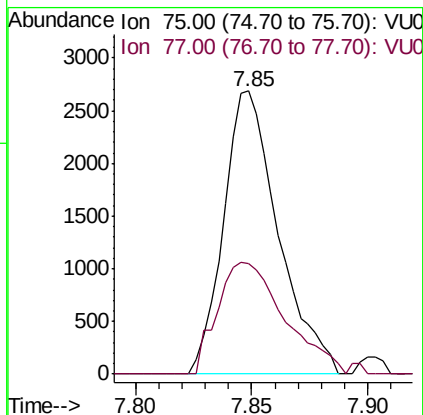
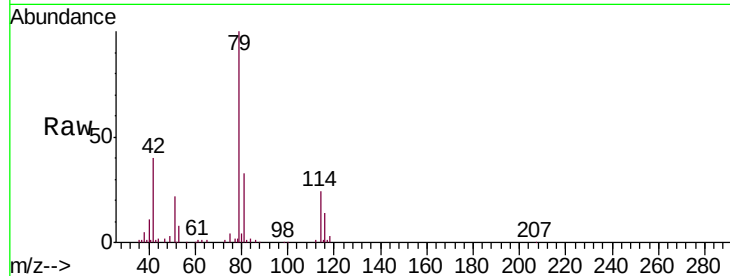
C0X21

Tgt Ion: 75 Resp: 4399

Ion Ratio Lower Upper

75 100

77 39.3 22.3 41.3



#48

2-Hexanone

Concen: 5.298 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031437.D

Acq: 23 Apr 2019 14:49

Tgt Ion: 43 Resp: 30952

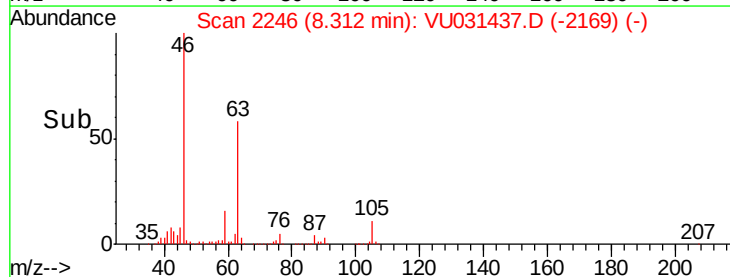
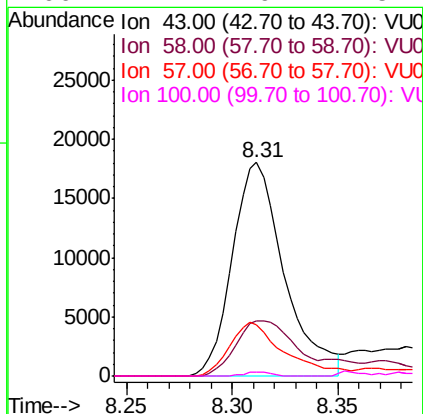
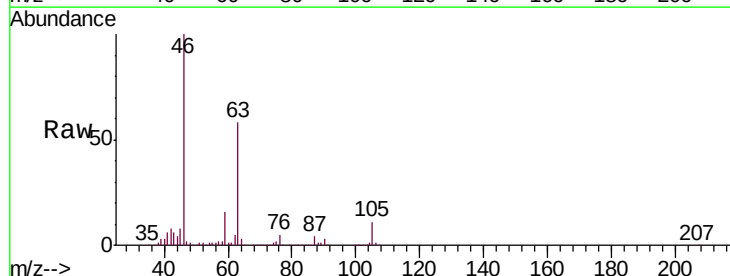
Ion Ratio Lower Upper

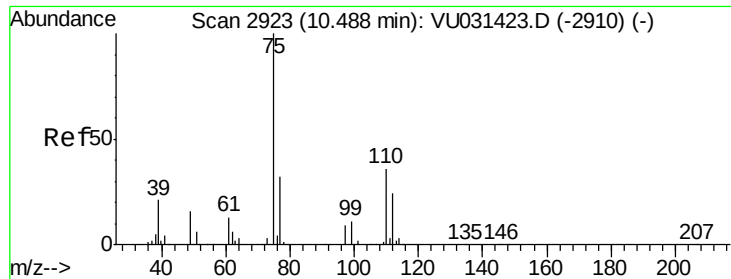
43 100

58 28.9 45.5 68.3#

57 26.4 15.2 22.8#

100 1.1 9.1 13.7#

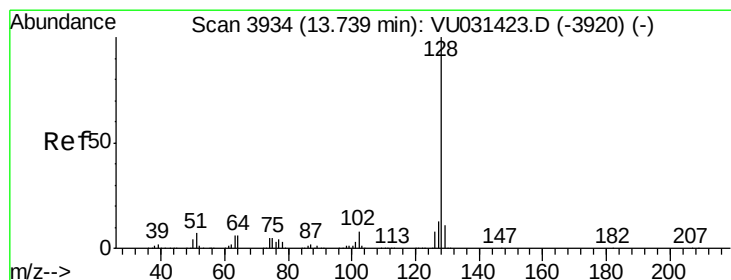
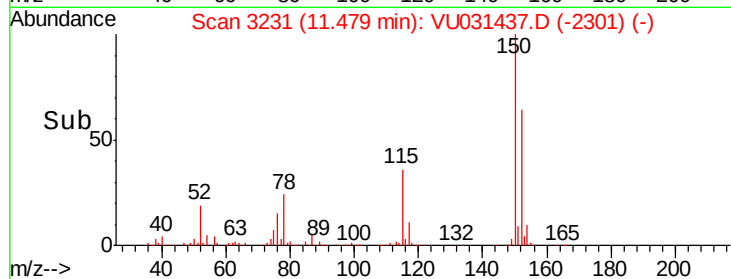
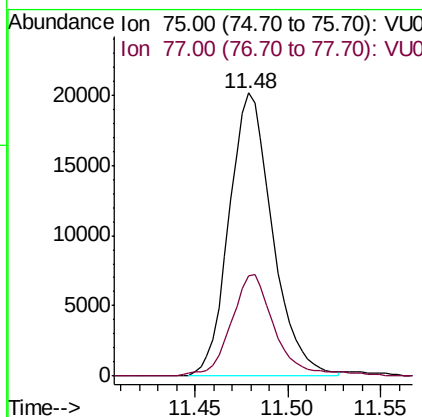
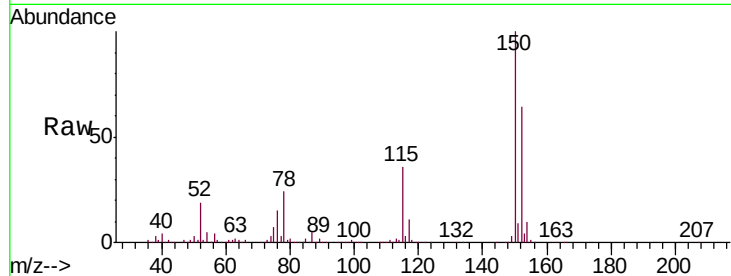




#59
 1,2,3-Trichloropropane
 Concen: 5.393 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031437.D
 Acq: 23 Apr 2019 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X21

Tgt Ion: 75 Resp: 32801
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.6 38.4



#69
 Naphthalene
 Concen: 18.047 ug/L
 RT: 13.74 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: VU031437.D
 Acq: 23 Apr 2019 14:49

Tgt Ion: 128 Resp: 312848
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.4
 129 10.8 8.6 13.0

