

Data File : VU031442.D
Acq On : 23 Apr 2019 16:46
Operator : JC/SP
Sample : K2536-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X24

Quant Time: Apr 24 06:05:41 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	753855	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	691784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	313459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	245196	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.28%
7) Chloroethane-d5	1.68	69	204100	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.76%
11) 1,1-Dichloroethene-d2	2.27	63	355515	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.19	46	488159	106.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.89%
24) Chloroform-d	4.64	84	436332	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.31	65	276514	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.34	84	916702	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
36) 1,2-Dichloropropane-d6	6.33	67	312045	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.56	98	809113	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.85	79	132391	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.36%
47) 2-Hexanone-d5	8.31	63	344649	106.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	430443	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	298338	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%

Target Compounds

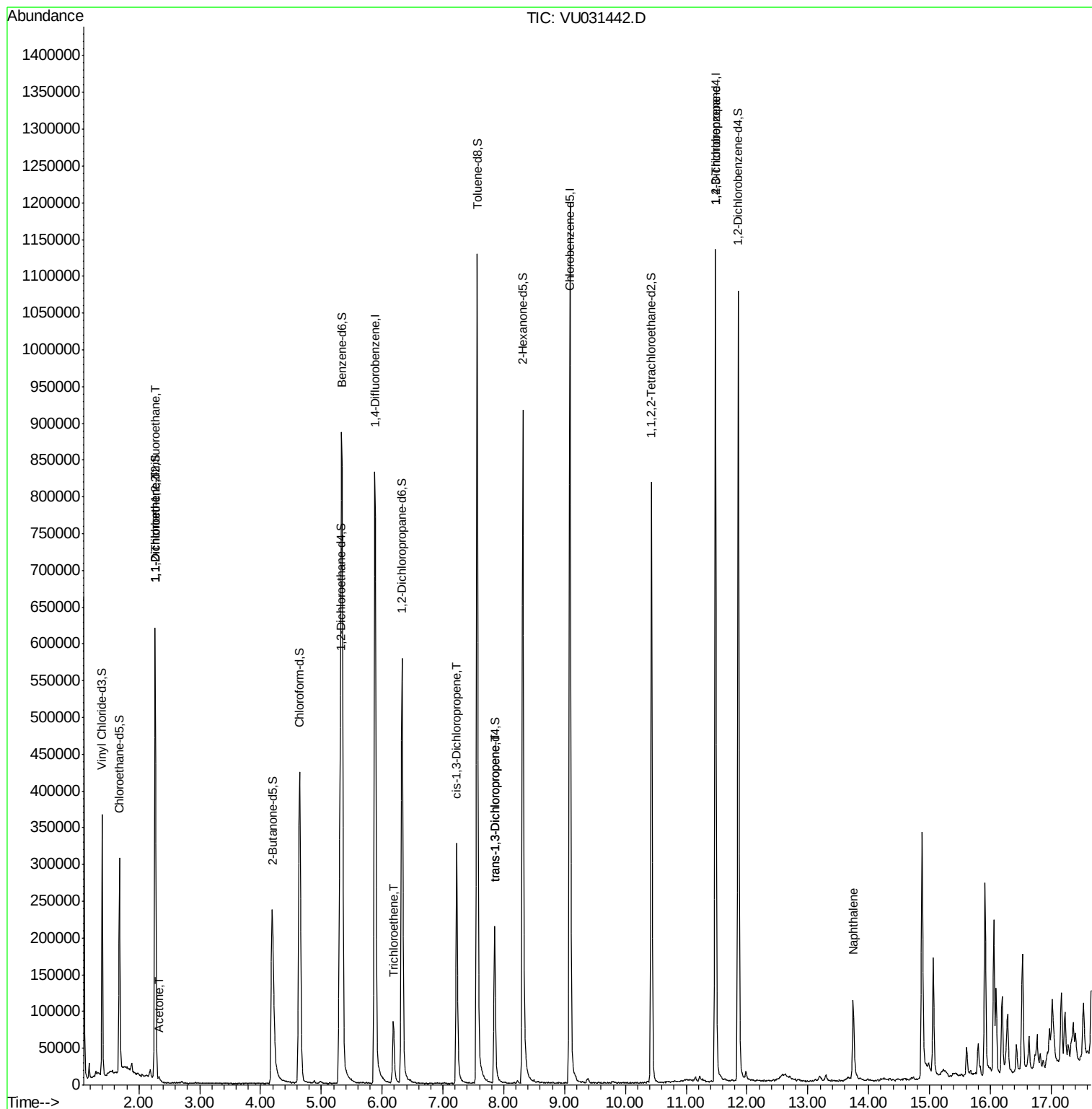
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3376	0.723 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2924	0.637 ug/L #	1
13) Acetone	2.34	43	1907	0.532 ug/L	85
34) Trichloroethene	6.18	95	30914	5.831 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	7542	0.945 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	4830	0.702 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	38319	5.822 ug/L	98
69) Naphthalene	13.75	128	114056	6.033 ug/L	98

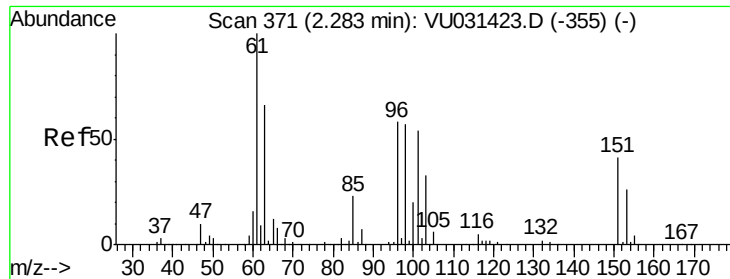
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.723 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031442.D

Acq: 23 Apr 2019 16:46

Instrument :

MSVOA_U

ClientSampled :

C0X24

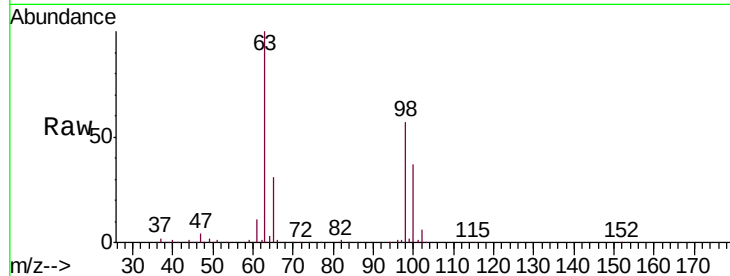
Tgt Ion: 101 Resp: 3376

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

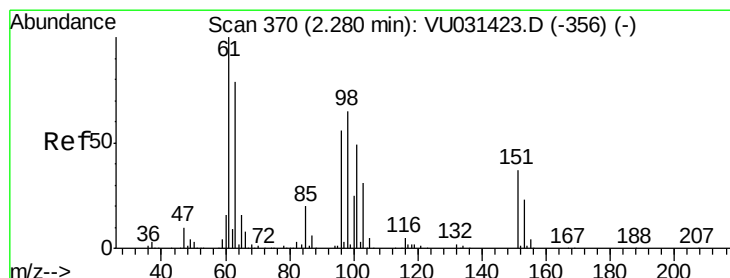
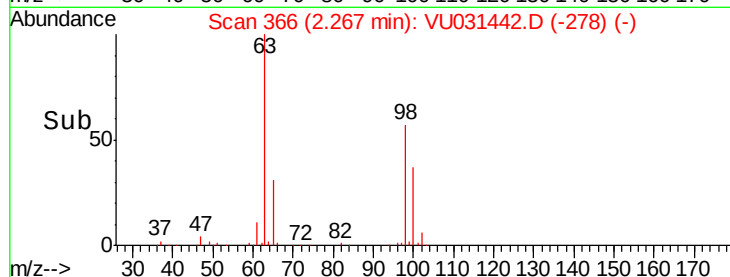
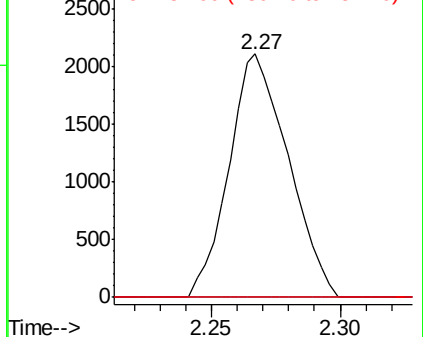
151 1.2 61.4 92.0#



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: 0.637 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031442.D

Acq: 23 Apr 2019 16:46

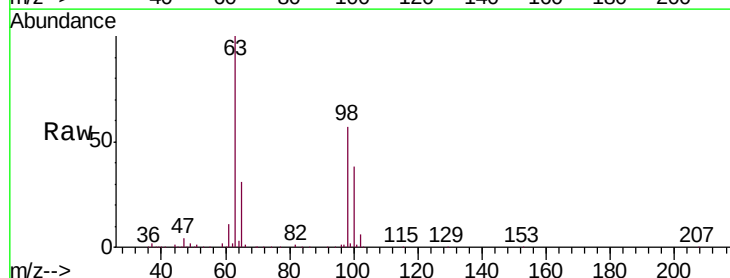
Tgt Ion: 96 Resp: 2924

Ion Ratio Lower Upper

96 100

61 1225.6 118.9 220.9#

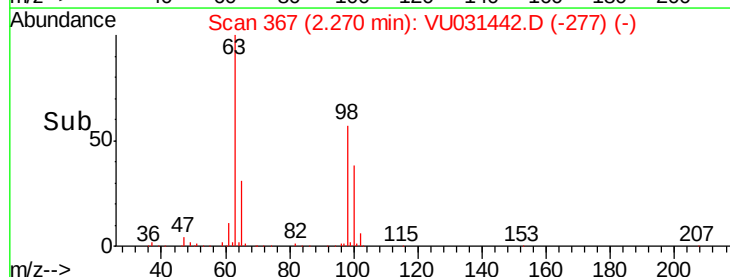
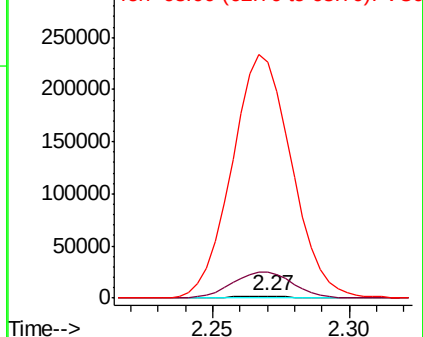
63 11061.7 99.3 184.3#

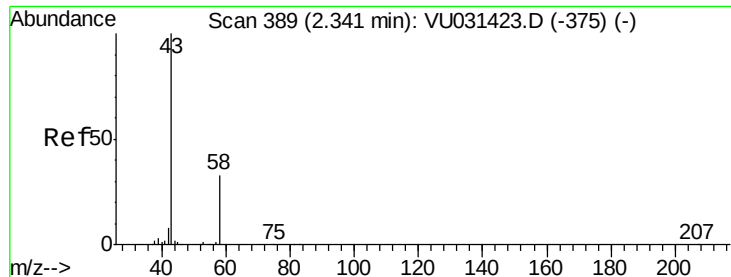


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.532 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

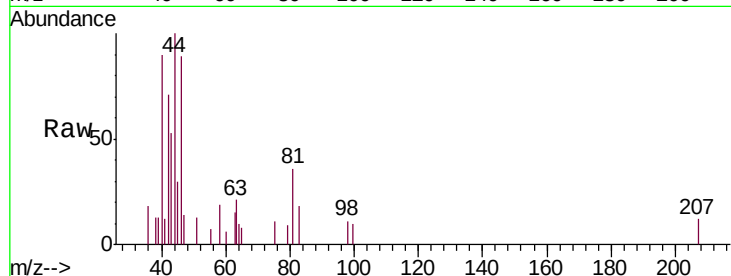
C0X24

Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

58 24.8 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VU031423.D (-375) (-)

Ion 58.00 (57.70 to 58.70): VU031423.D (-375) (-)

2.34

800

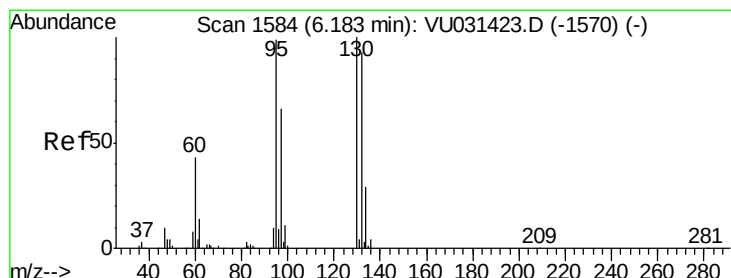
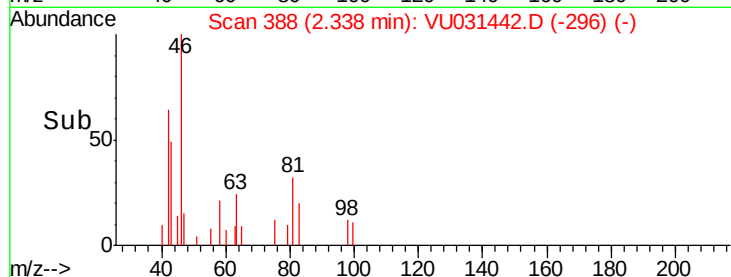
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 5.831 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031442.D

Acq: 23 Apr 2019 16:46

Tgt Ion: 95 Resp: 30914

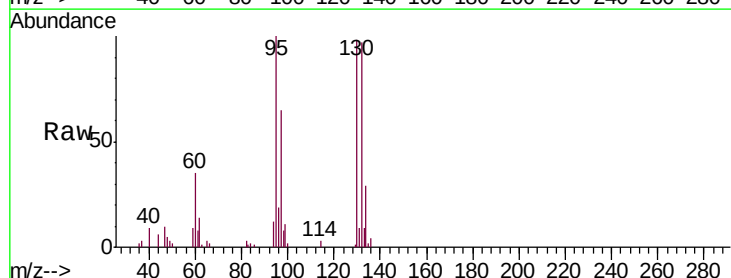
Ion Ratio Lower Upper

95 100

97 64.6 44.9 83.5

132 96.6 68.0 126.2

130 98.3 70.1 130.1



Abundance Ion 95.00 (94.70 to 95.70): VU031423.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU031423.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU031423.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU031423.D (-1570) (-)

20000

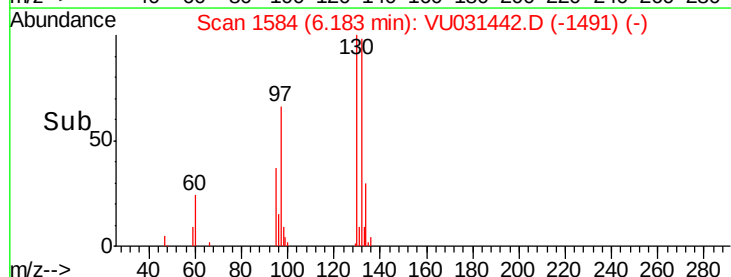
15000

10000

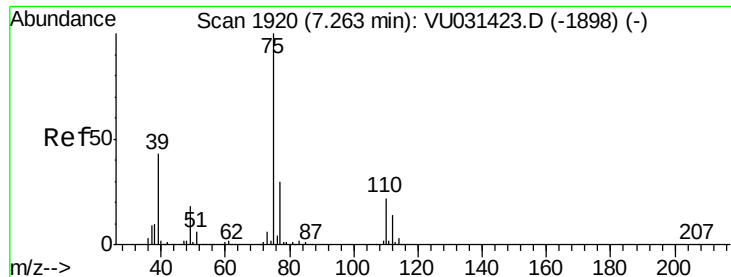
5000

0

Time-->



6.18



#39

cis-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031442.D

Acq: 23 Apr 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

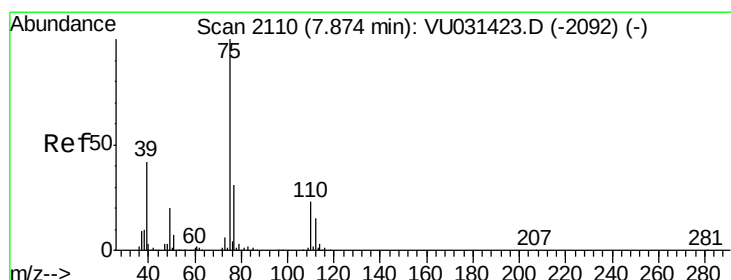
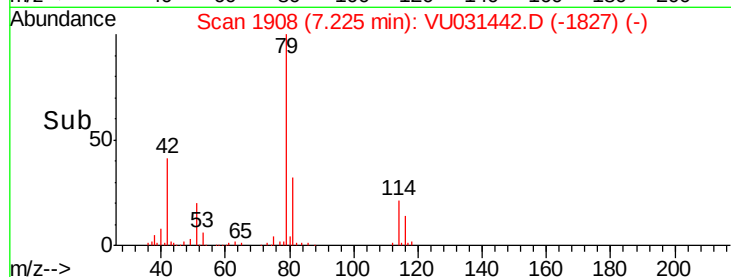
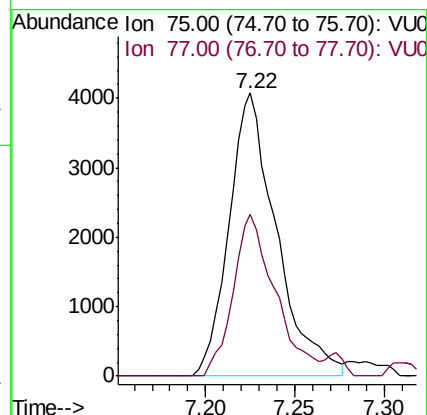
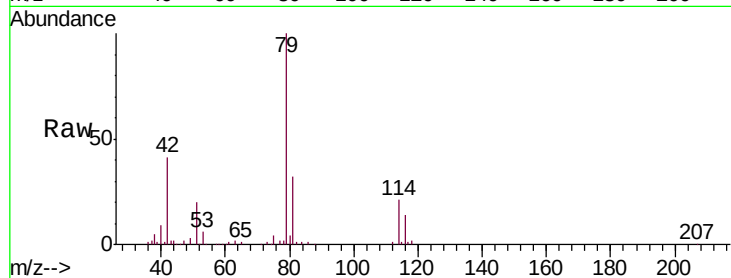
C0X24

Tgt Ion: 75 Resp: 7542

Ion Ratio Lower Upper

75 100

77 57.0 23.0 42.8#



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031442.D

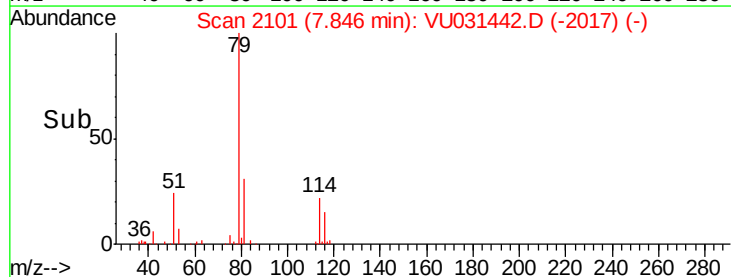
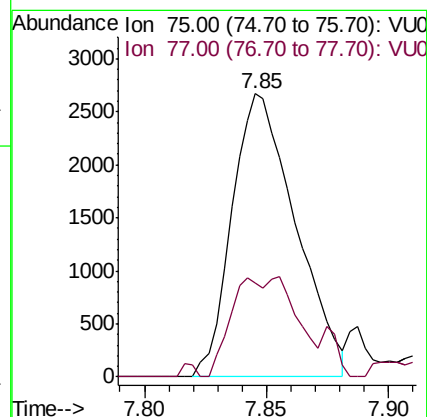
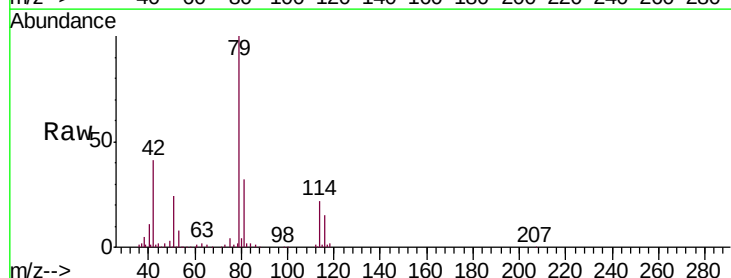
Acq: 23 Apr 2019 16:46

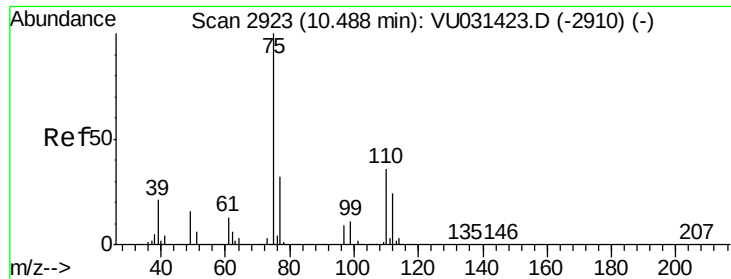
Tgt Ion: 75 Resp: 4830

Ion Ratio Lower Upper

75 100

77 33.2 22.3 41.3

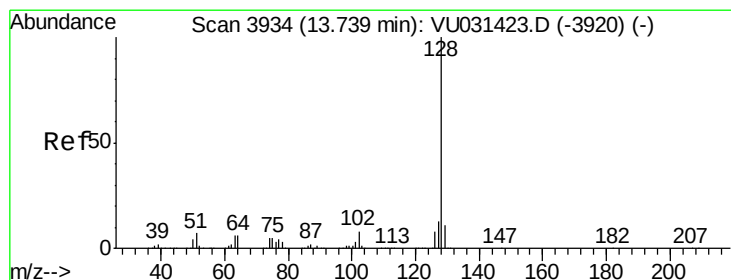
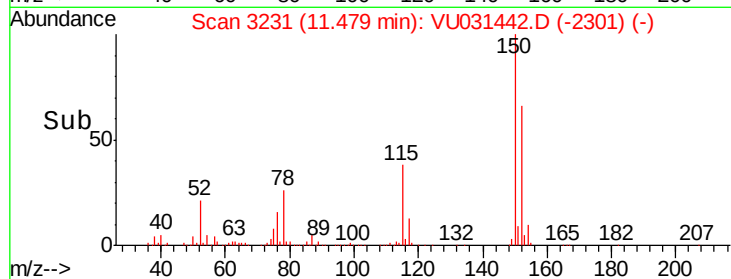
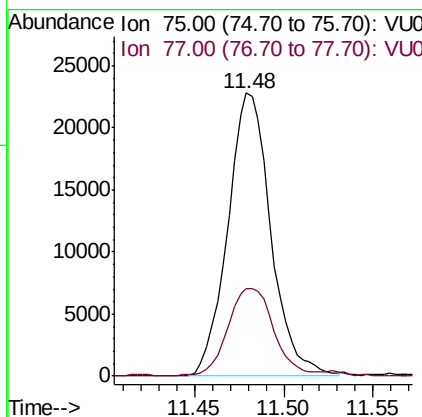
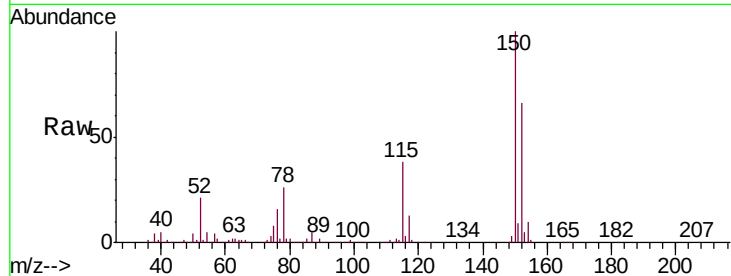




#59
 1,2,3-Trichloropropane
 Concen: 5.822 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031442.D
 Acq: 23 Apr 2019 16:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X24

Tgt Ion: 75 Resp: 38319
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.6 38.4



#69
 Naphthalene
 Concen: 6.033 ug/L
 RT: 13.75 min Scan# 3936
 Delta R.T. 0.01 min
 Lab File: VU031442.D
 Acq: 23 Apr 2019 16:46

Tgt Ion: 128 Resp: 114056
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.2 15.4
 129 10.8 8.6 13.0

