

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029887.D
 Acq On : 08 Mar 2019 15:04
 Operator : JC/SP
 Sample : K1734-08DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B0DL

Quant Time: Mar 08 22:18:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	393268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176635	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129251	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.68	69	116413	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.88%
11) 1,1-Dichloroethene-d2	2.27	63	188477	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.17	46	233103	132.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.92%#
24) Chloroform-d	4.64	84	272413	58.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.56%
26) 1,2-Dichloroethane-d4	5.31	65	170795	57.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.44%
32) Benzene-d6	5.34	84	573999	60.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.30%
36) 1,2-Dichloropropane-d6	6.33	67	182022	63.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.80%#
41) Toluene-d8	7.56	98	522676	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%
43) trans-1,3-Dichloropropene-	7.85	79	80064	52.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.16%
47) 2-Hexanone-d5	8.31	63	190127	118.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284607	58.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	220577	57.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.90%

Target Compounds

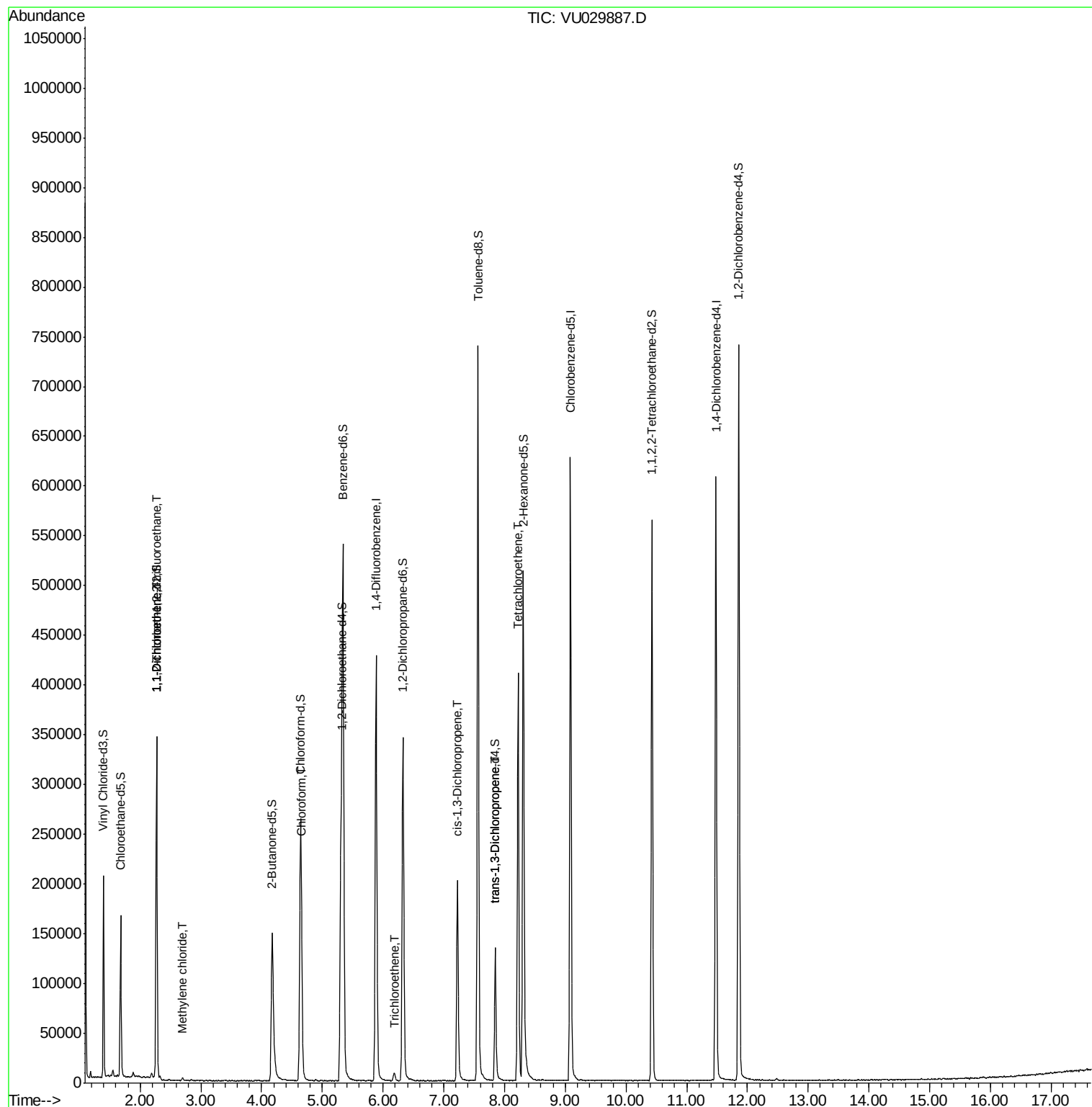
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2061	0.752 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1833	0.704 ug/L #	1
16) Methylene chloride	2.70	84	1530	0.607 ug/L	93
25) Chloroform	4.67	83	3756	0.810 ug/L #	72
34) Trichloroethene	6.19	95	1996	0.762 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	4804	1.167 ug/L #	46
44) trans-1,3-Dichloropropene	7.85	75	3160	0.814 ug/L	84
46) Tetrachloroethene	8.22	164	100016	39.014 ug/L	97

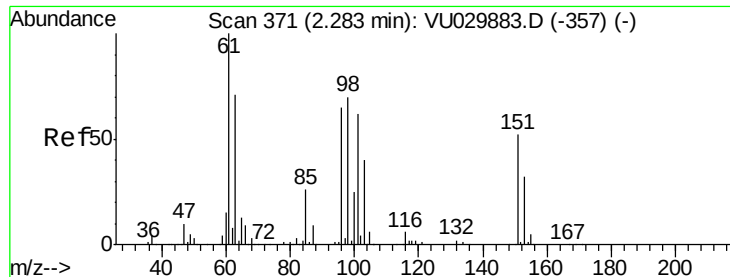
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.752 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029887.D

Acq: 08 Mar 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

BF1B0DL

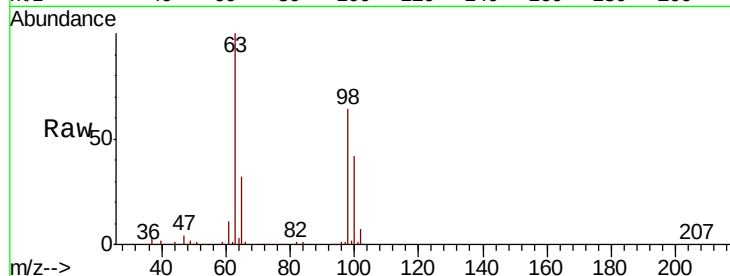
Tgt Ion:101 Resp: 2061

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

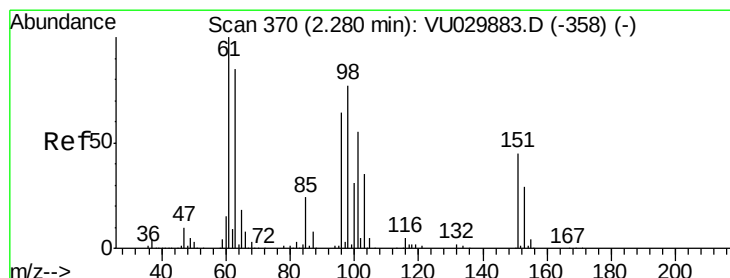
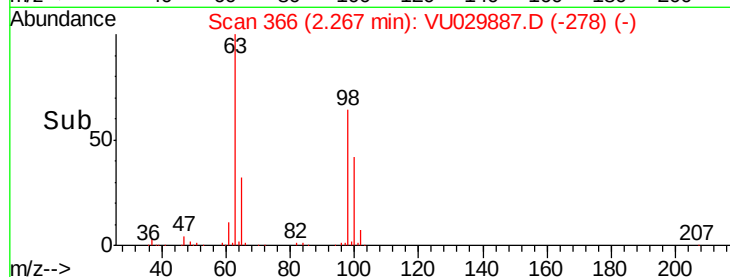
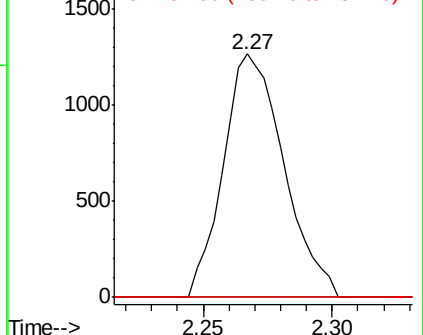
151 0.0 65.7 98.5#



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: 0.704 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU029887.D

Acq: 08 Mar 2019 15:04

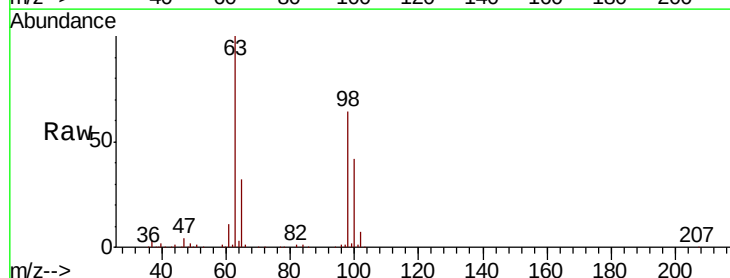
Tgt Ion: 96 Resp: 1833

Ion Ratio Lower Upper

96 100

61 1183.4 114.0 211.8#

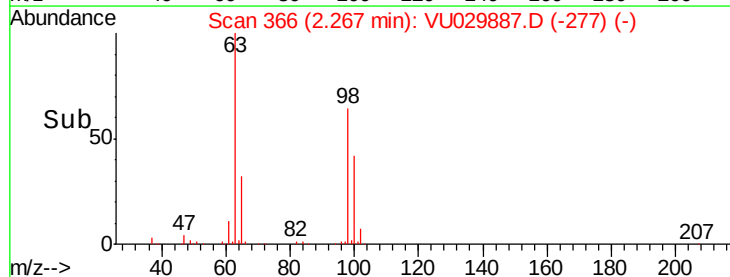
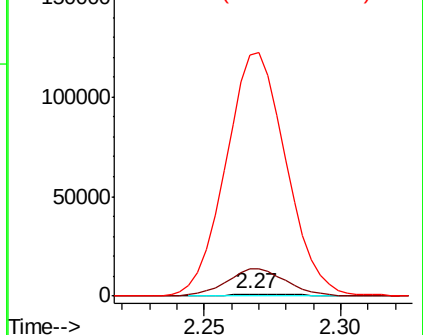
63 10646.5 98.7 183.3#

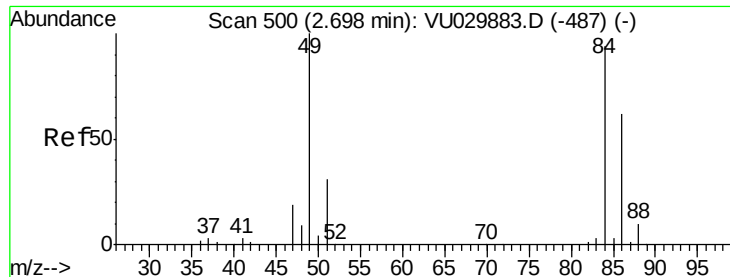


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

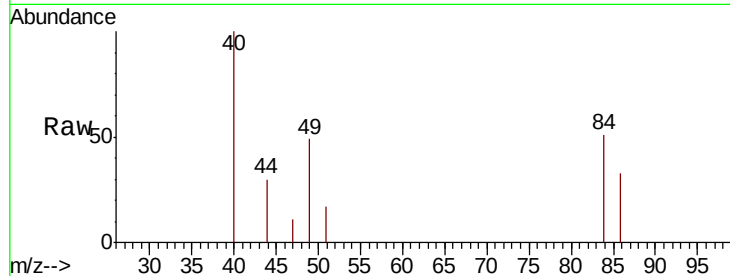




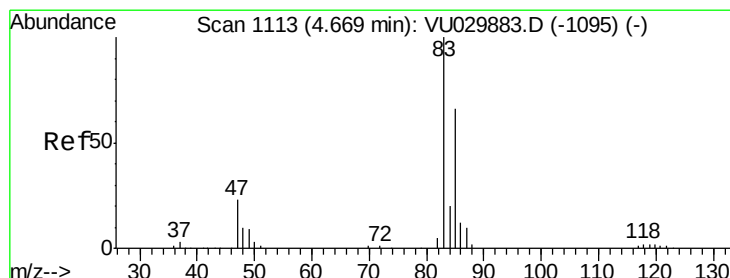
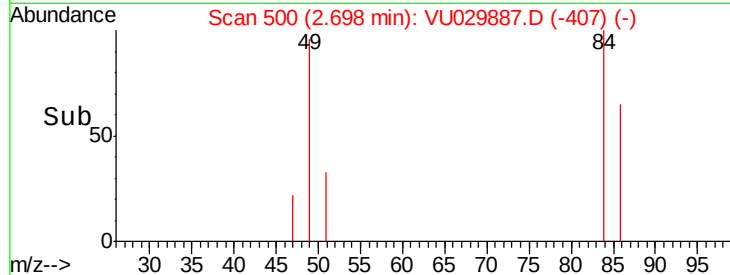
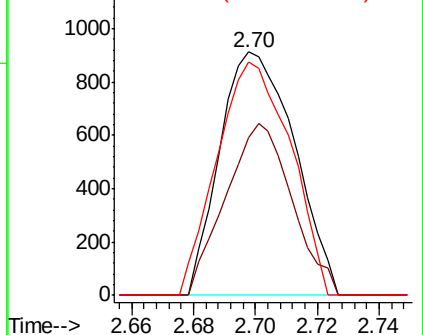
#16
Methylene chloride
Concen: 0.607 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029887.D
Acq: 08 Mar 2019 15:04

Instrument :
MSVOA_U
ClientSampleId :
BF1B0DL

Tgt Ion: 84 Resp: 1530
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.0
49 96.1 75.1 139.5

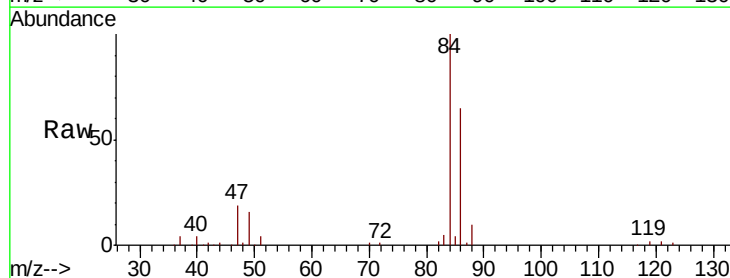


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

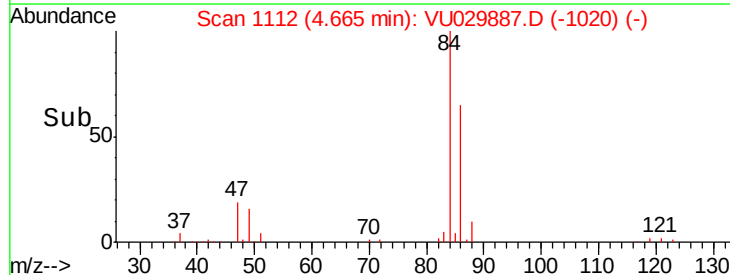
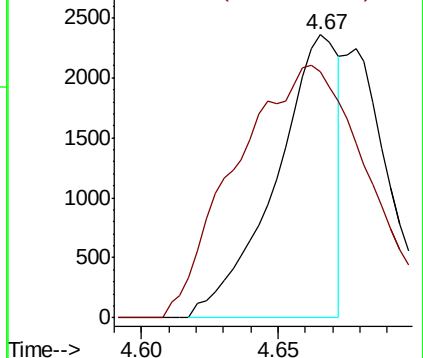


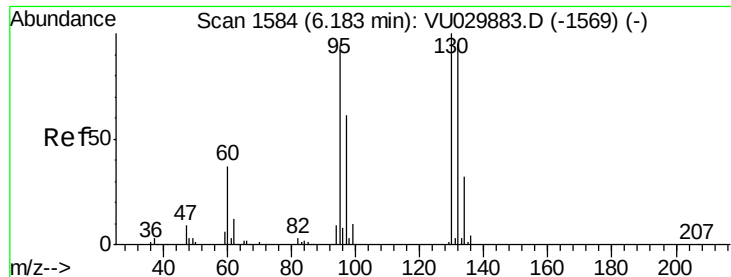
#25
Chloroform
Concen: 0.810 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029887.D
Acq: 08 Mar 2019 15:04

Tgt Ion: 83 Resp: 3756
Ion Ratio Lower Upper
83 100
85 87.2 45.4 84.2#



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.762 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU029887.D

Acq: 08 Mar 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

BF1B0DL

Tgt Ion: 95 Resp: 1996

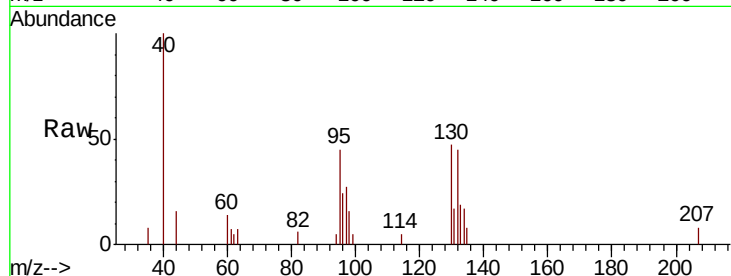
Ion Ratio Lower Upper

95 100

97 60.9 44.6 82.8

132 101.5 74.6 138.6

130 104.6 77.2 143.4

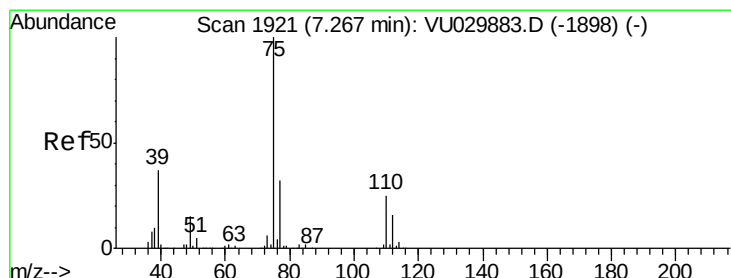
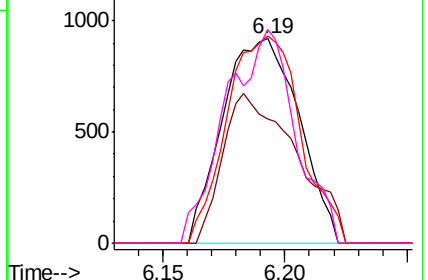
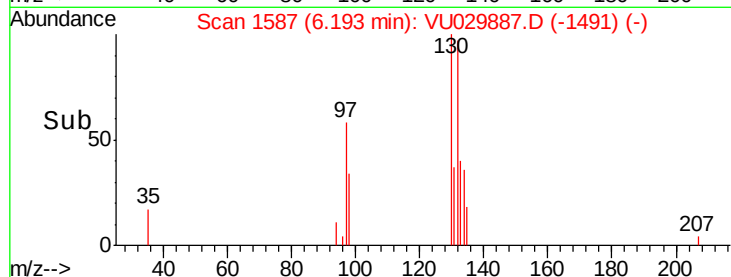


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.167 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029887.D

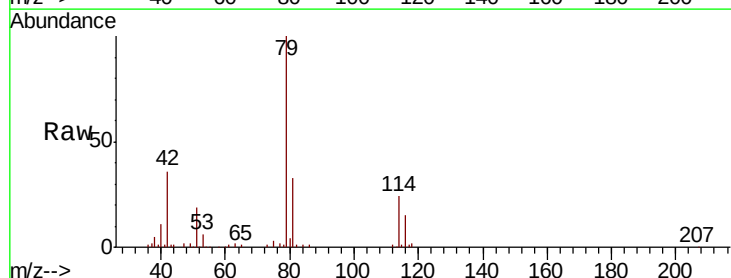
Acq: 08 Mar 2019 15:04

Tgt Ion: 75 Resp: 4804

Ion Ratio Lower Upper

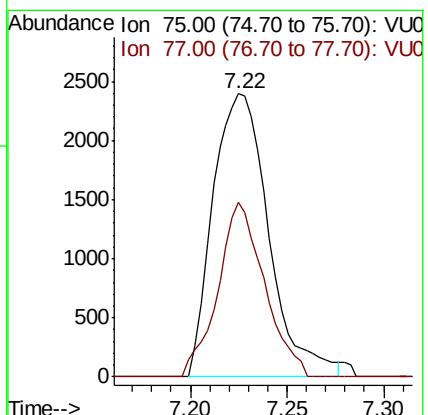
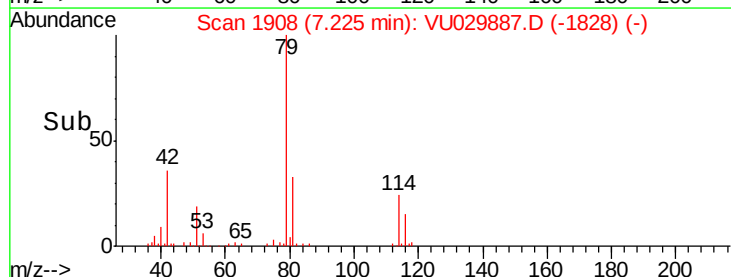
75 100

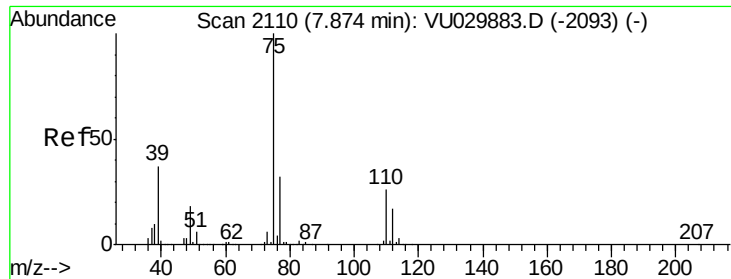
77 61.7 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.814 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029887.D

Acq: 08 Mar 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

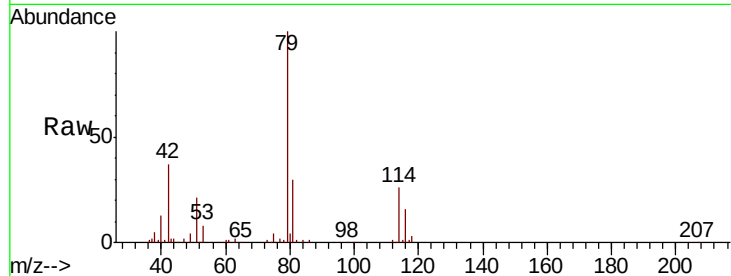
BF1B0DL

Tgt Ion: 75 Resp: 3160

Ion Ratio Lower Upper

75 100

77 40.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU029887.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU029887.D (-2101) (-)

7.85

2000

1500

1000

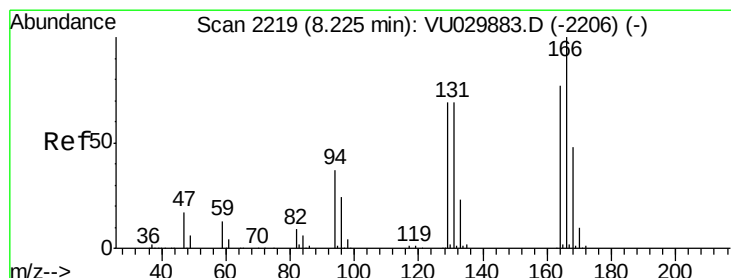
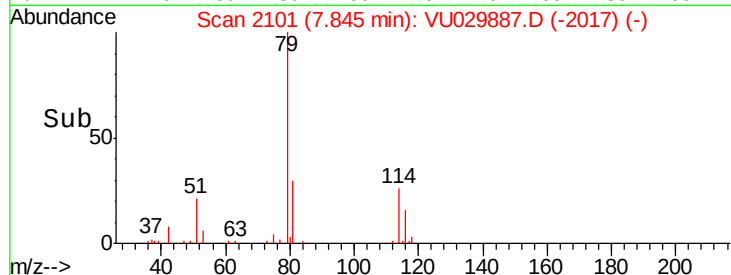
500

0

7.80

7.85

Time-->



#46

Tetrachloroethene

Concen: 39.014 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029887.D

Acq: 08 Mar 2019 15:04

Tgt Ion: 164 Resp: 100016

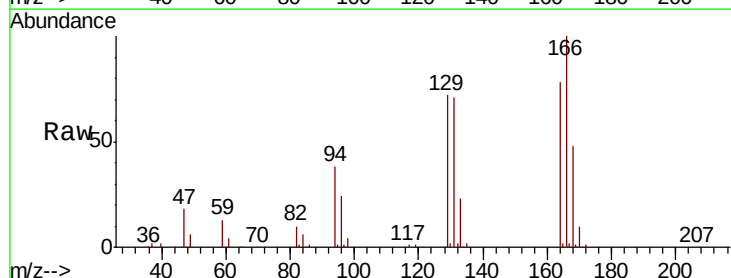
Ion Ratio Lower Upper

164 100

129 92.5 62.1 115.3

131 90.4 60.1 111.5

166 127.8 89.7 166.5



Abundance Ion 164.00 (163.70 to 164.70): VU029887.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU029887.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU029887.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU029887.D (-2219) (-)

8.22

100000

80000

60000

40000

20000

0

8.15

8.20

8.25

8.30

Time-->

