

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029886.D
 Acq On : 08 Mar 2019 14:41
 Operator : JC/SP
 Sample : K1763-01DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0956

Quant Time: Mar 08 22:18:04 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	478397	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214528	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131275	37.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.90%
7) Chloroethane-d5	1.68	69	119494	38.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.68%
11) 1,1-Dichloroethene-d2	2.27	63	192047	28.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.06%#
21) 2-Butanone-d5	4.17	46	236397	110.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.81%
24) Chloroform-d	4.64	84	274877	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.31	65	170725	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.34	84	573523	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.33	67	183388	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.56	98	525938	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.85	79	82077	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.50%
47) 2-Hexanone-d5	8.31	63	191316	98.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	284956	48.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	219422	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

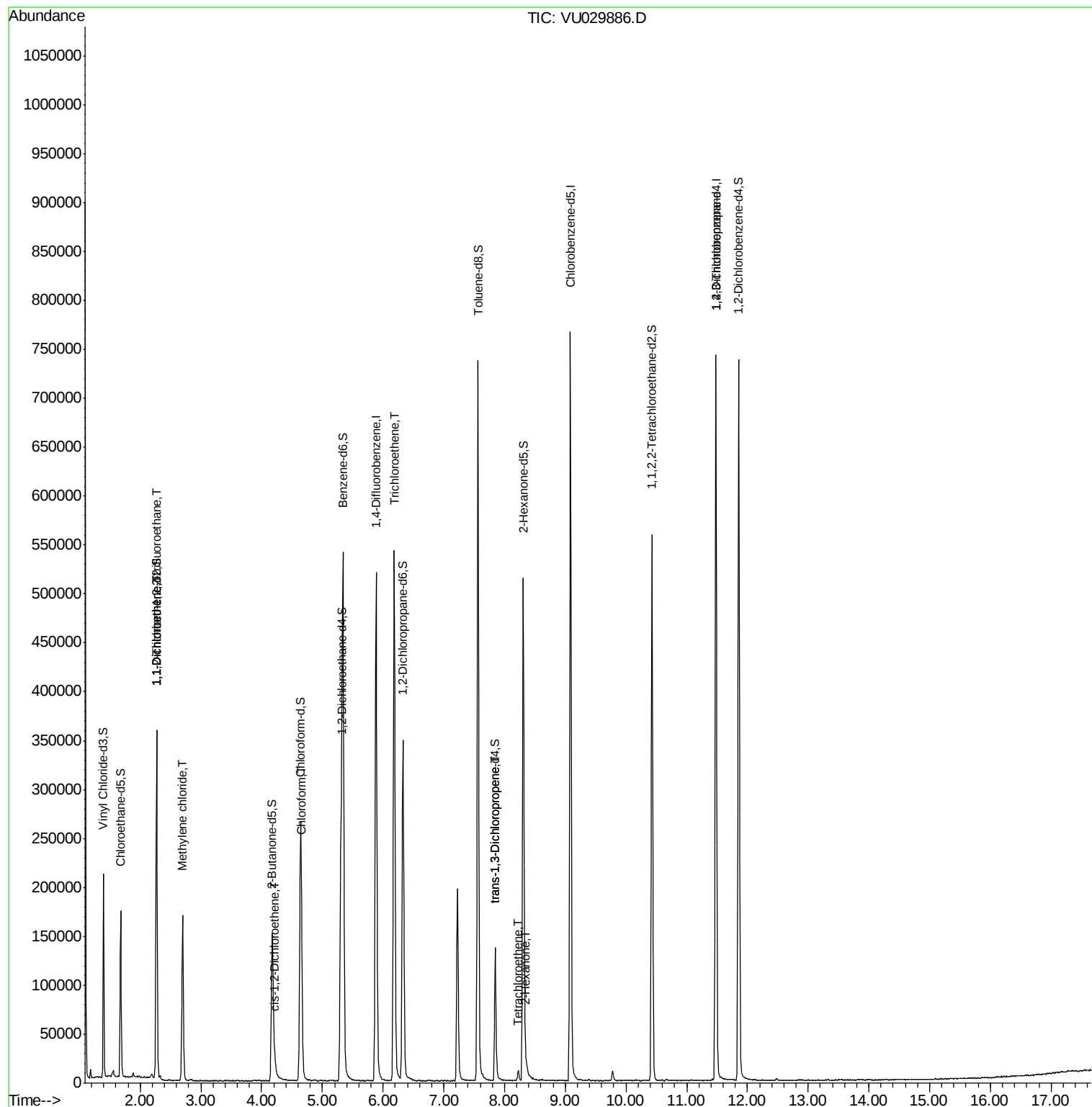
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2133	0.640	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	4228	1.335	ug/L #	1
16) Methylene chloride	2.70	84	81564	26.607	ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	3031	0.892	ug/L	77
25) Chloroform	4.67	83	9595	1.701	ug/L	93
34) Trichloroethene	6.18	95	193183	60.558	ug/L	96
44) trans-1,3-Dichloropropene	7.84	75	3564	0.754	ug/L	92
46) Tetrachloroethene	8.22	164	2685	0.860	ug/L	93
48) 2-Hexanone	8.36	43	4169	1.092	ug/L #	37
59) 1,2,3-Trichloropropane	11.48	75	21836	4.927	ug/L	91

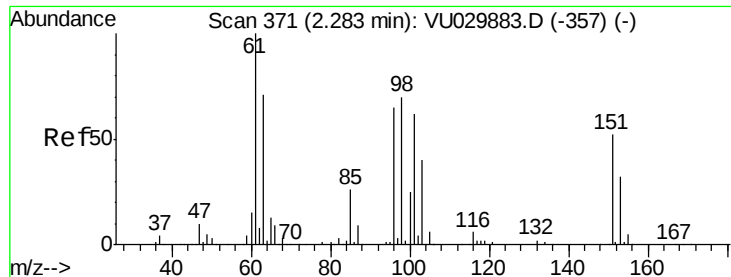
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029886.D

Acq: 08 Mar 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

C0956

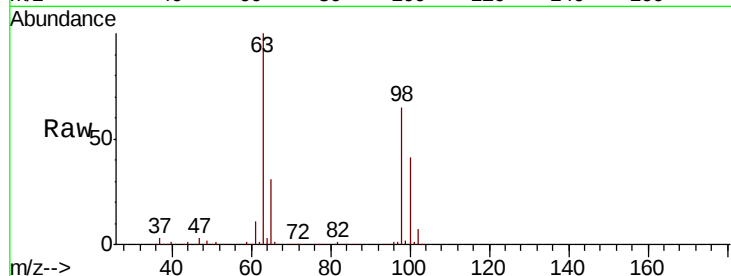
Tgt Ion: 101 Resp: 2133

Ion Ratio Lower Upper

101 100

85 2.3 33.0 49.6#

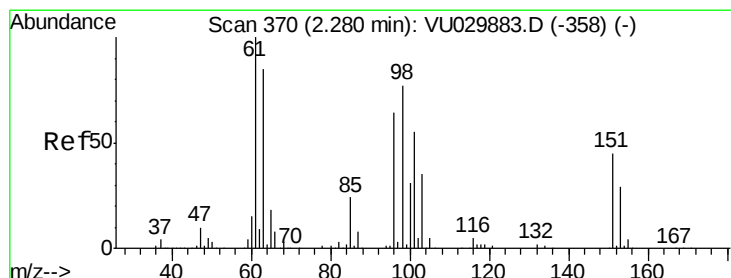
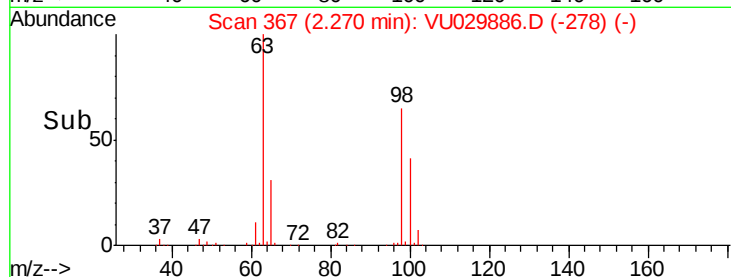
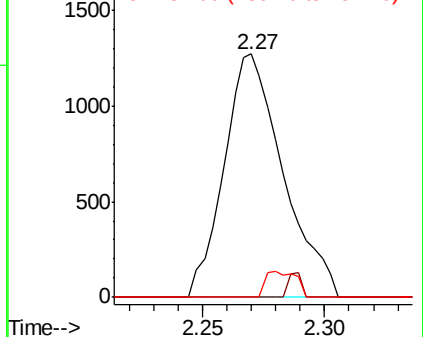
151 3.4 65.7 98.5#



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: 1.335 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU029886.D

Acq: 08 Mar 2019 14:41

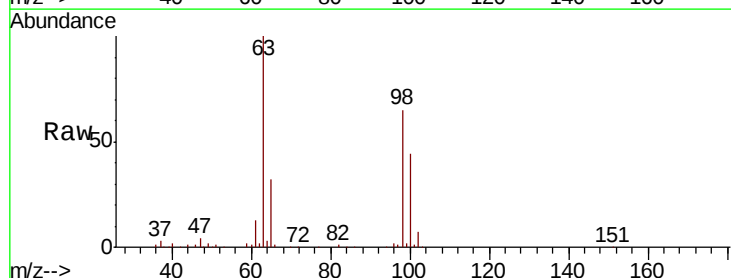
Tgt Ion: 96 Resp: 4228

Ion Ratio Lower Upper

96 100

61 539.9 114.0 211.8#

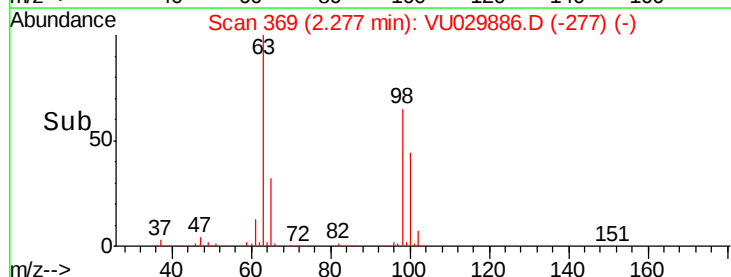
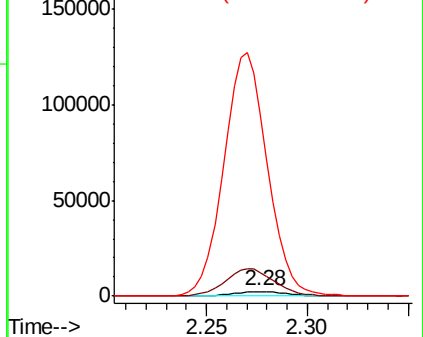
63 4125.6 98.7 183.3#

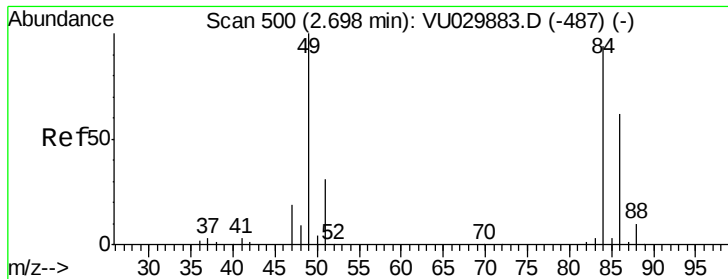


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

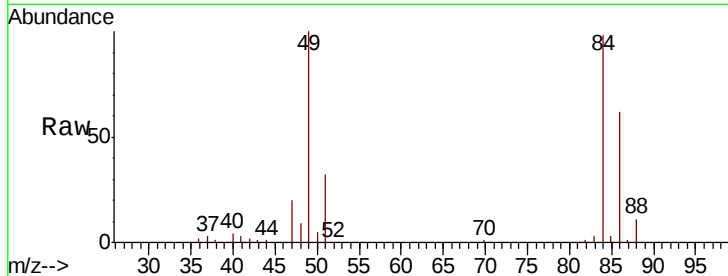




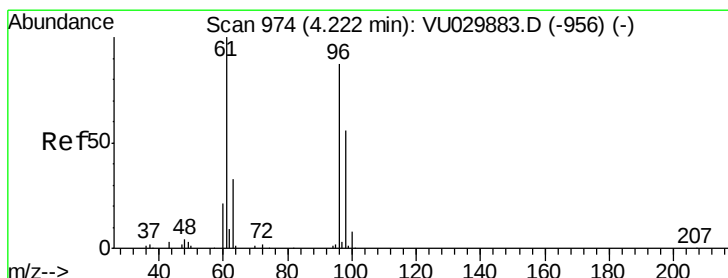
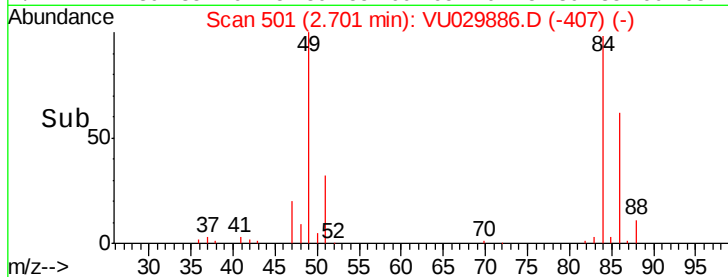
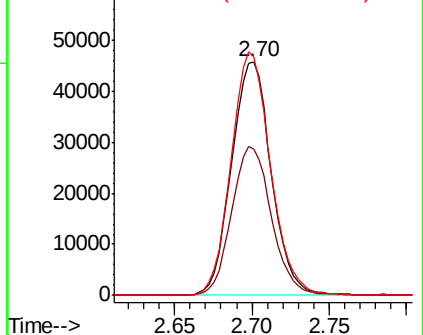
#16
Methylene chloride
Concen: 26.607 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029886.D
Acq: 08 Mar 2019 14:41

Instrument :
MSVOA_U
ClientSampled :
C0956

Tgt Ion: 84 Resp: 81564
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.0
49 102.0 75.1 139.5

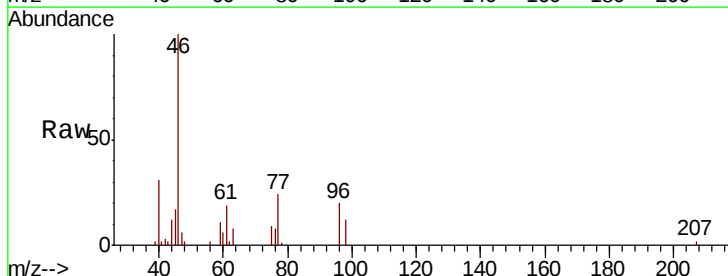


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

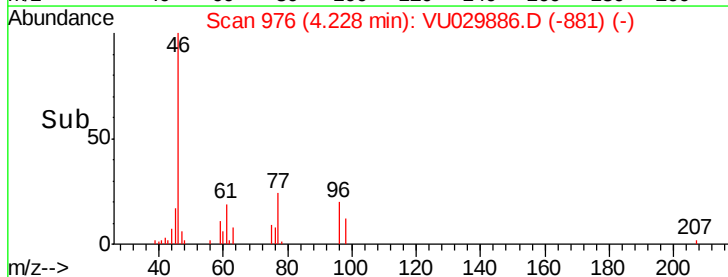
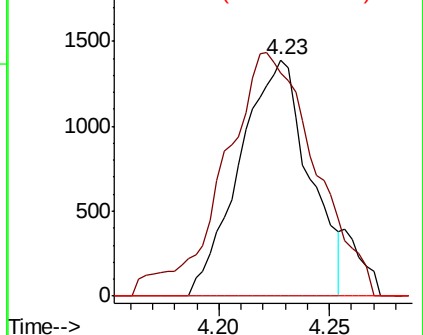


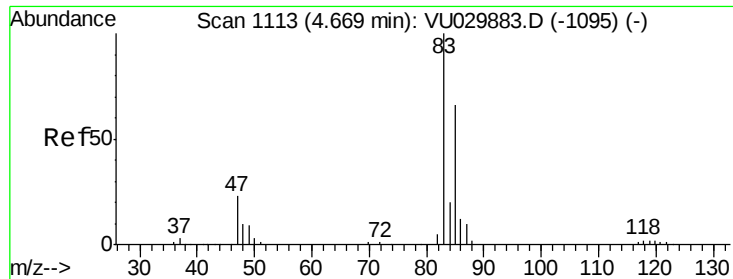
#20
cis-1,2-Dichloroethene
Concen: 0.892 ug/L
RT: 4.23 min Scan# 976
Delta R.T. 0.01 min
Lab File: VU029886.D
Acq: 08 Mar 2019 14:41

Tgt Ion: 96 Resp: 3031
Ion Ratio Lower Upper
96 100
61 94.4 83.9 155.7
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

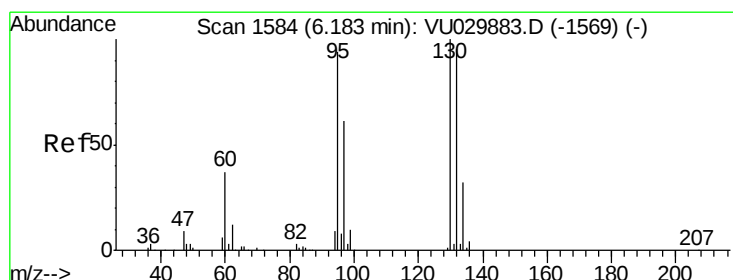
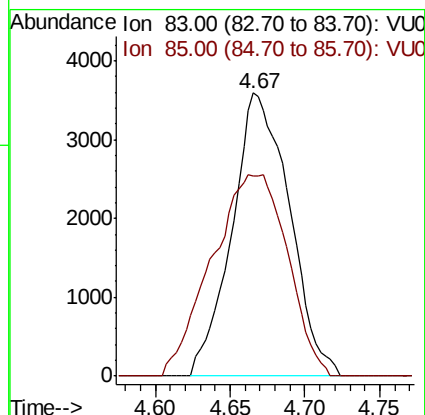
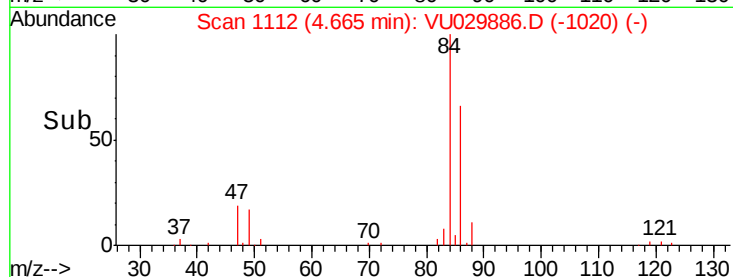
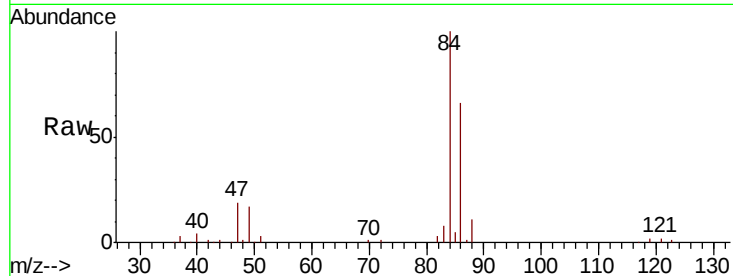




#25
Chloroform
Concen: 1.701 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029886.D
Acq: 08 Mar 2019 14:41

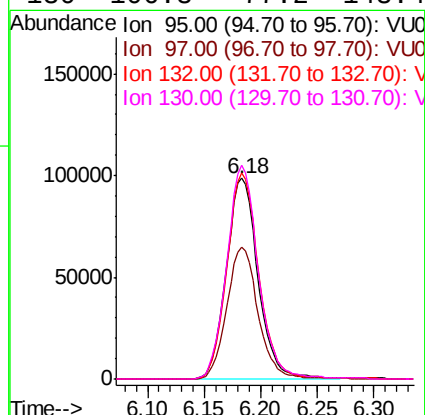
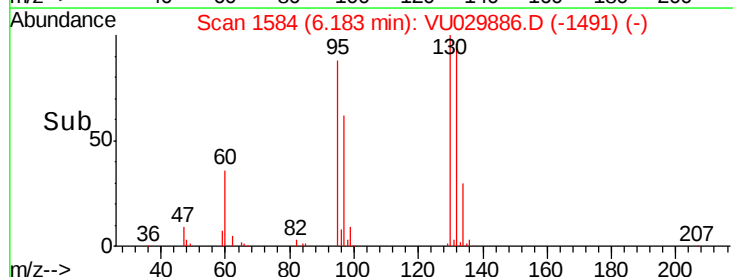
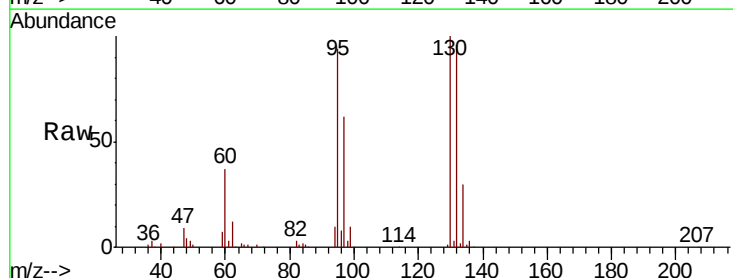
Instrument :
MSVOA_U
ClientSampleId :
C0956

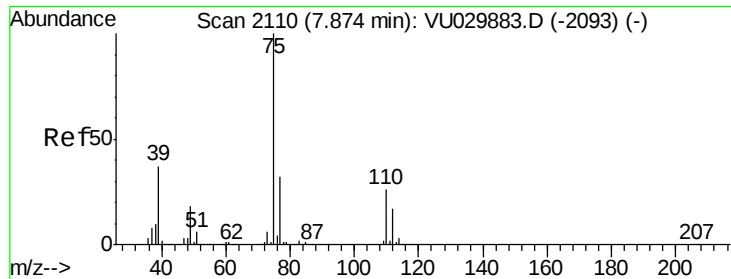
Tgt Ion: 83 Resp: 9595
Ion Ratio Lower Upper
83 100
85 70.6 45.4 84.2



#34
Trichloroethene
Concen: 60.558 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029886.D
Acq: 08 Mar 2019 14:41

Tgt Ion: 95 Resp: 193183
Ion Ratio Lower Upper
95 100
97 65.4 44.6 82.8
132 102.3 74.6 138.6
130 106.3 77.2 143.4





#44

trans-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU029886.D

Acq: 08 Mar 2019 14:41

Instrument :

MSVOA_U

ClientSampleId :

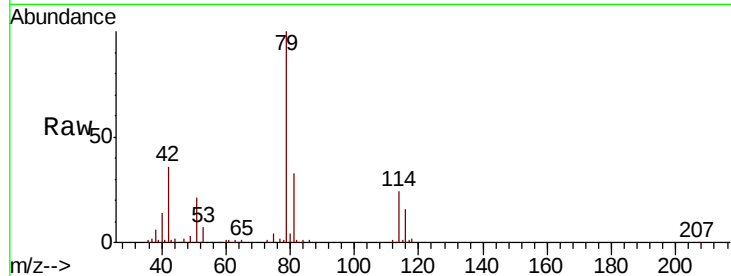
C0956

Tgt Ion: 75 Resp: 3564

Ion Ratio Lower Upper

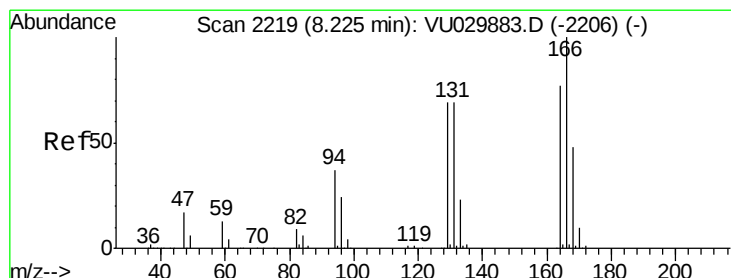
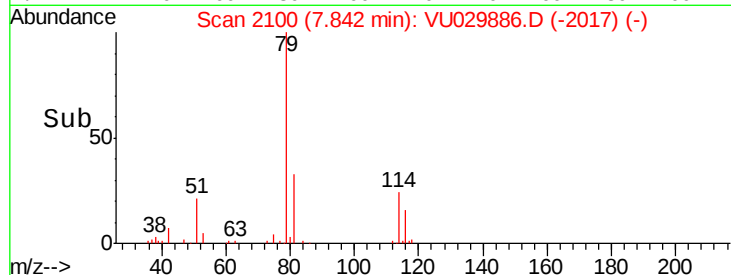
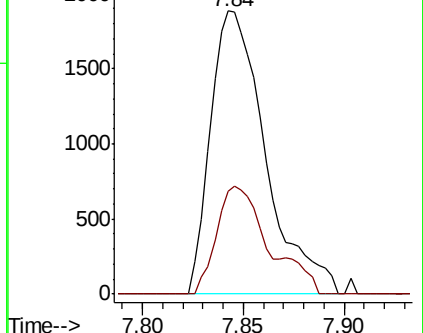
75 100

77 36.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU029886.D (-2100) (-)

Ion 77.00 (76.70 to 77.70): VU029886.D (-2100) (-)



#46

Tetrachloroethene

Concen: 0.860 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029886.D

Acq: 08 Mar 2019 14:41

Tgt Ion: 164 Resp: 2685

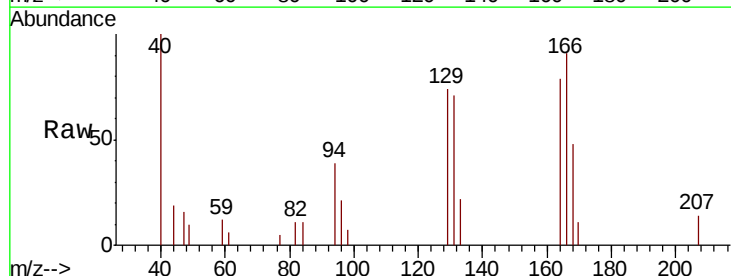
Ion Ratio Lower Upper

164 100

129 93.2 62.1 115.3

131 89.2 60.1 111.5

166 114.9 89.7 166.5

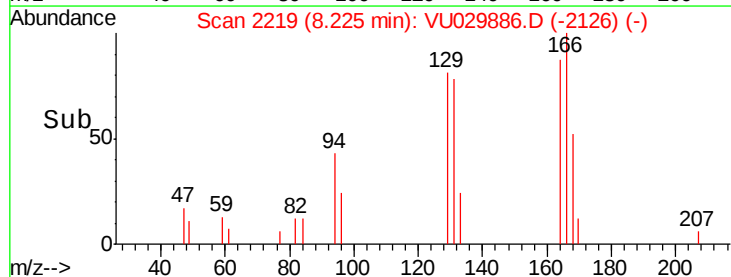
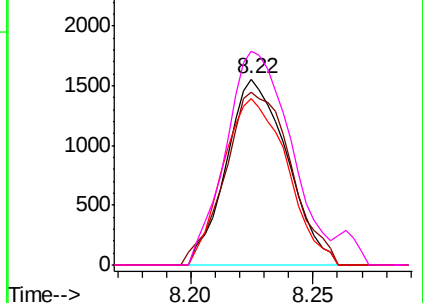


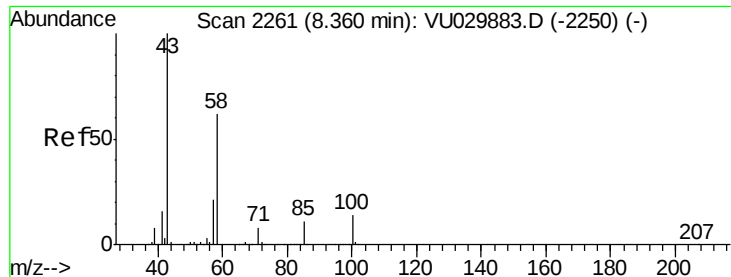
Abundance Ion 164.00 (163.70 to 164.70): VU029886.D (-2212) (-)

Ion 129.00 (128.70 to 129.70): VU029886.D (-2212) (-)

Ion 131.00 (130.70 to 131.70): VU029886.D (-2212) (-)

Ion 166.00 (165.70 to 166.70): VU029886.D (-2212) (-)

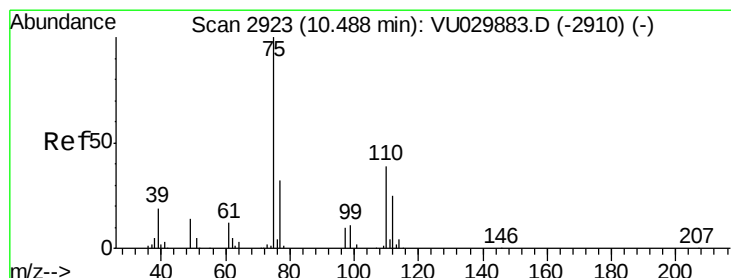
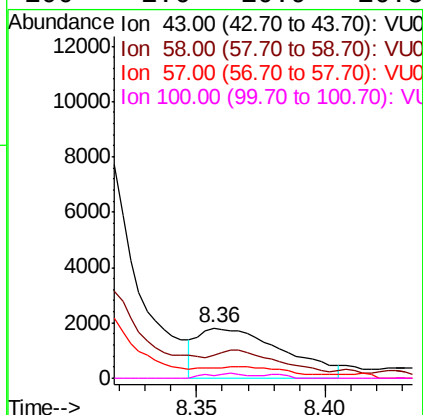
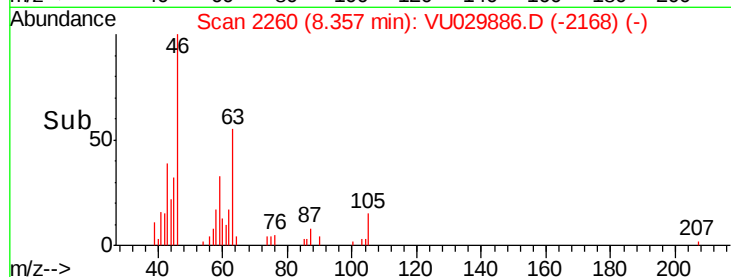
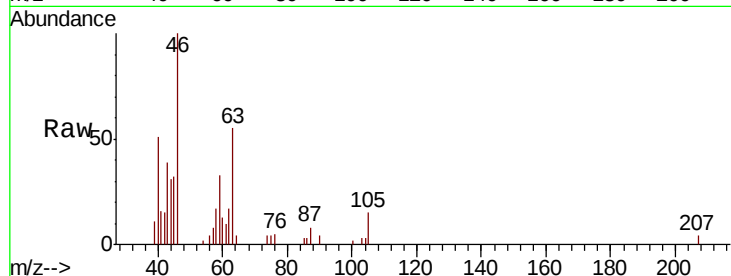




#48
 2-Hexanone
 Concen: 1.092 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU029886.D
 Acq: 08 Mar 2019 14:41

Instrument :
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 ClientSampleId :
 C0956

Tgt Ion: 43 Resp: 4169
 Ion Ratio Lower Upper
 43 100
 58 0.0 46.4 69.6#
 57 0.0 15.7 23.5#
 100 1.6 10.9 16.3#



#59
 1,2,3-Trichloropropane
 Concen: 4.927 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029886.D
 Acq: 08 Mar 2019 14:41

Tgt Ion: 75 Resp: 21836
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.7 38.5

