

Data File : VU035087.D
Acq On : 11 Oct 2019 13:59
Operator : JC/SP
Sample : K5310-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-1D-001-01

Quant Time: Oct 12 01:54:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166504	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58151	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.68	69	53696	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.26	63	85715	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.17	46	146620	50.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	4.62	84	97027	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.29	65	59961	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.32	84	211568	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.31	67	72120	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.55	98	185079	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.84	79	23031	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.30	63	109983	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58393	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	60658	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

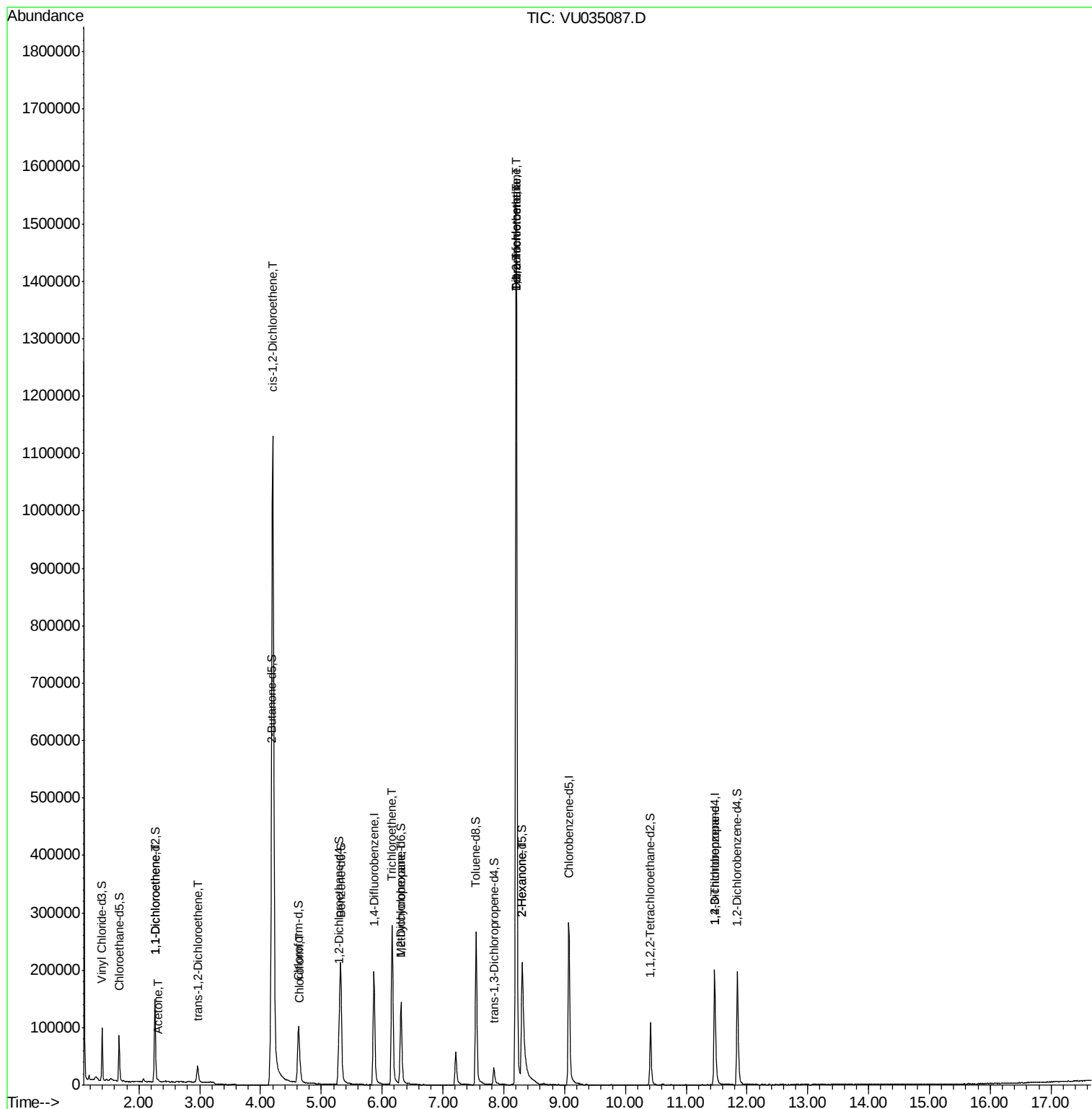
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1192	0.111 ug/L #	1
13) Acetone	2.31	43	3955	1.666 ug/L	91
18) trans-1,2-Dichloroethene	2.96	96	10661	0.931 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	634177	49.645 ug/L	89
25) Chloroform	4.65	83	12302	0.481 ug/L	95
34) Trichloroethene	6.16	95	101402	7.369 ug/L	98
35) Methylcyclohexane	6.31	83	16012	0.718 ug/L #	18
45) 1,1,2-Trichloroethane	8.21	97	3142	0.329 ug/L #	1
47) Tetrachloroethene	8.21	164	339327	30.465 ug/L	97
48) 2-Hexanone	8.31	43	12218	1.967 ug/L #	69
49) Dibromochloromethane	8.21	129	324295	29.360 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8048	0.864 ug/L	97

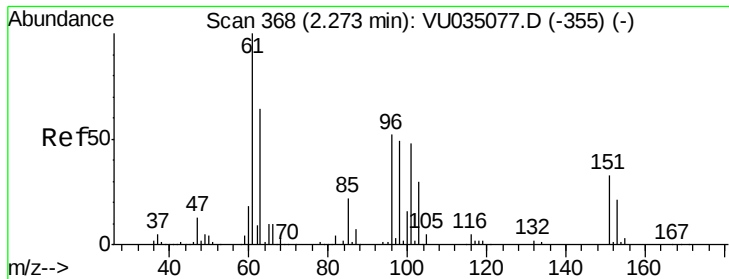
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1D-001-01

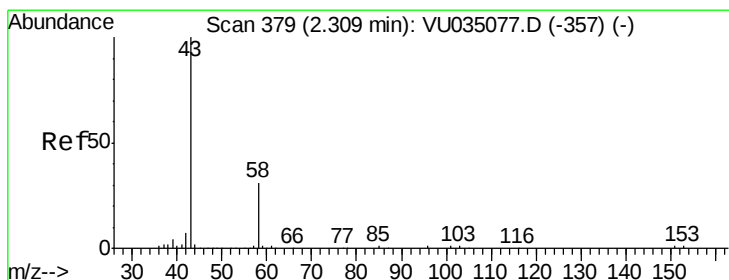
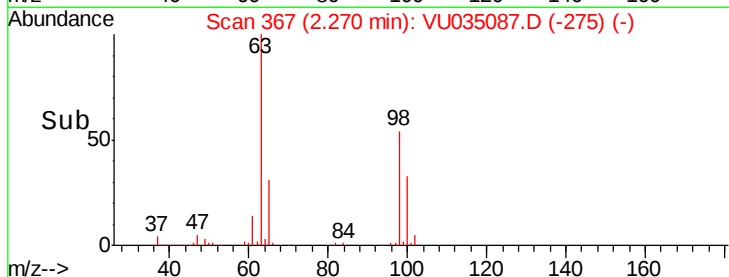
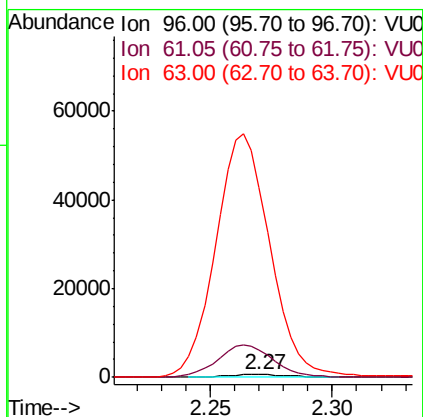
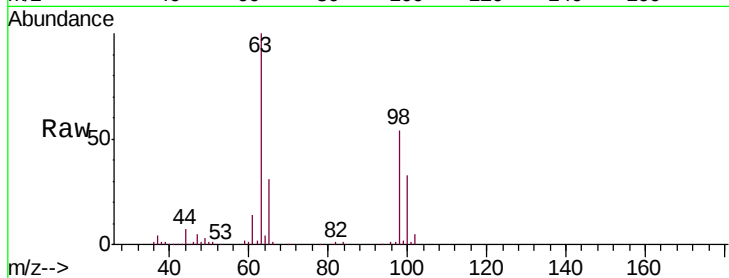
Tgt Ion: 96 Resp: 1192

Ion Ratio Lower Upper

96 100

61 971.4 129.3 240.1#

63 6737.1 108.9 202.3#



#13

Acetone

Concen: 1.666 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035087.D

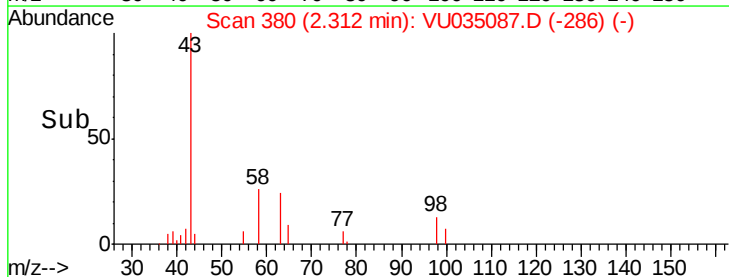
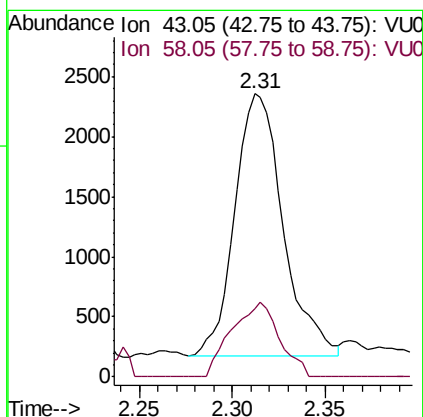
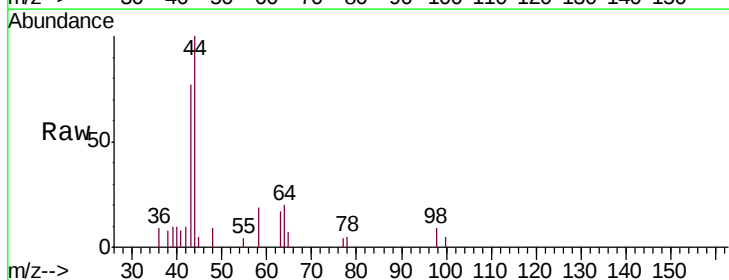
Acq: 11 Oct 2019 13:59

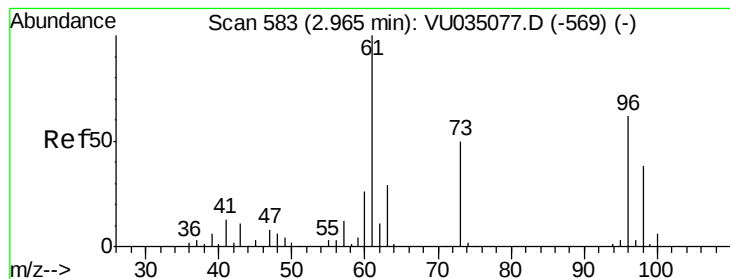
Tgt Ion: 43 Resp: 3955

Ion Ratio Lower Upper

43 100

58 28.1 0.0 66.6





#18

trans-1,2-Dichloroethene

Concen: 0.931 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1D-001-01

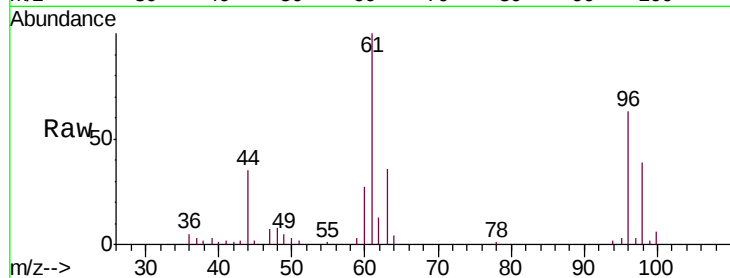
Tgt Ion: 96 Resp: 10661

Ion Ratio Lower Upper

96 100

61 159.1 107.1 198.9

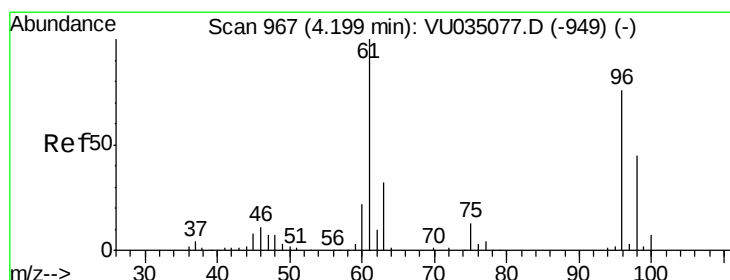
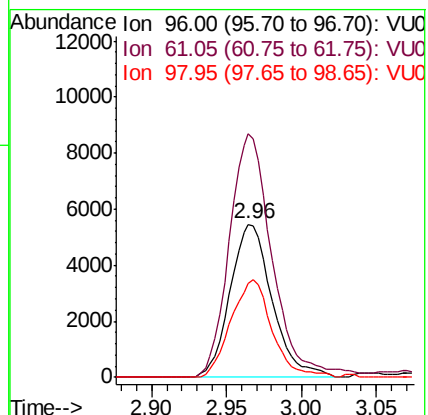
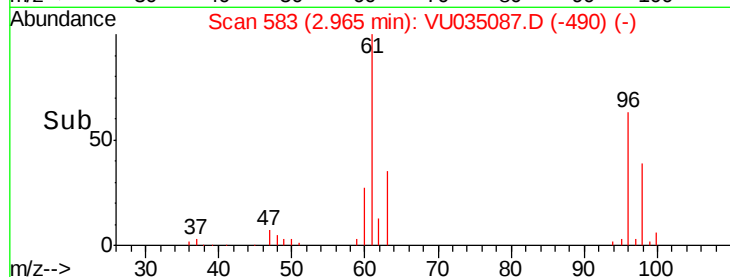
98 61.4 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035087.D (-490) (-)

Ion 61.05 (60.75 to 61.75): VU035087.D (-490) (-)

Ion 97.95 (97.65 to 98.65): VU035087.D (-490) (-)



#22

cis-1,2-Dichloroethene

Concen: 49.645 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

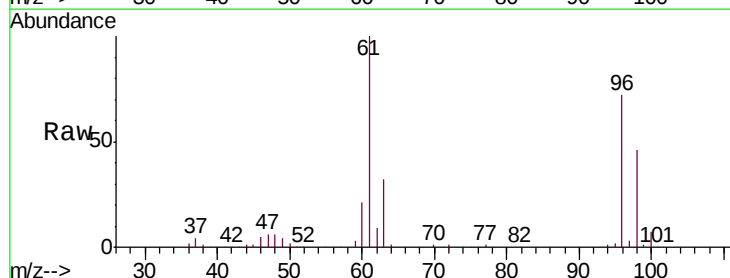
Tgt Ion: 96 Resp: 634177

Ion Ratio Lower Upper

96 100

61 139.5 89.2 165.6

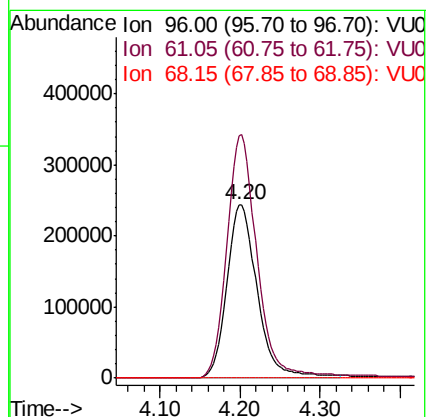
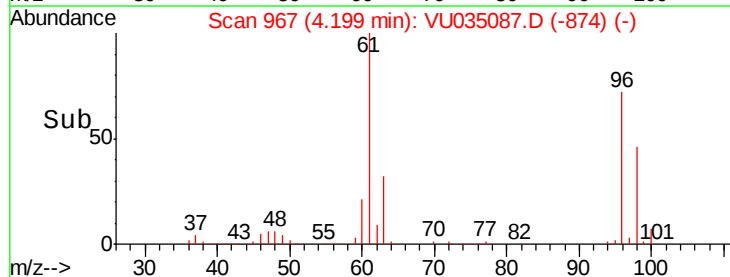
68 0.0 0.0 0.0

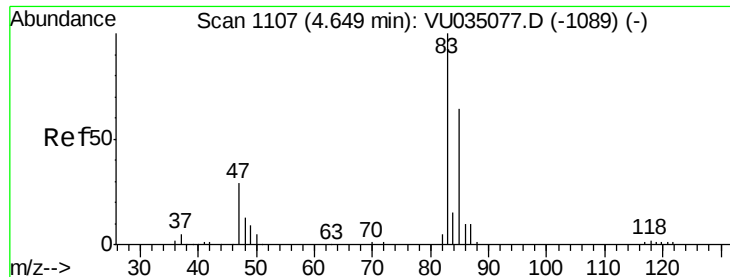


Abundance Ion 96.00 (95.70 to 96.70): VU035087.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035087.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU035087.D (-874) (-)

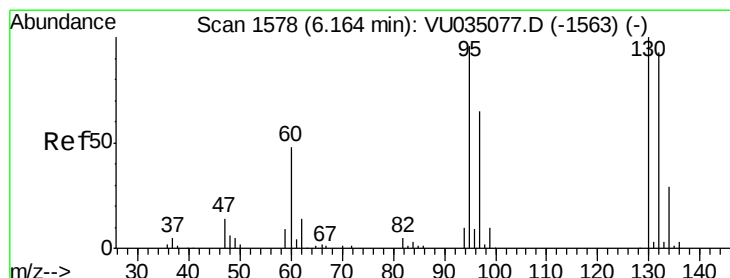
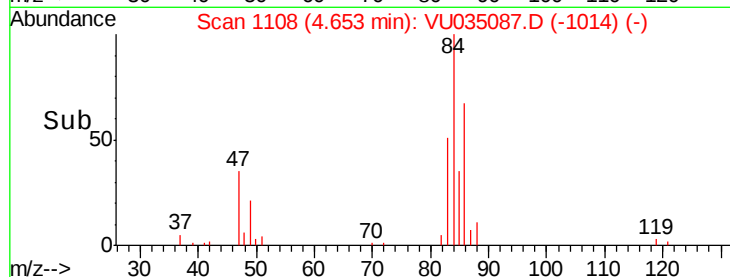
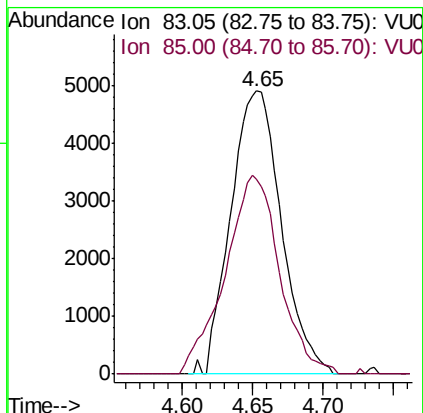
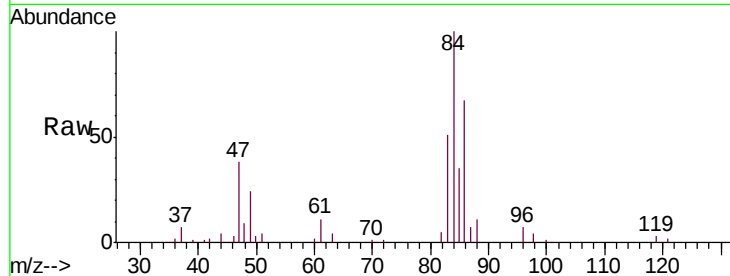




#25
Chloroform
Concen: 0.481 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035087.D
Acq: 11 Oct 2019 13:59

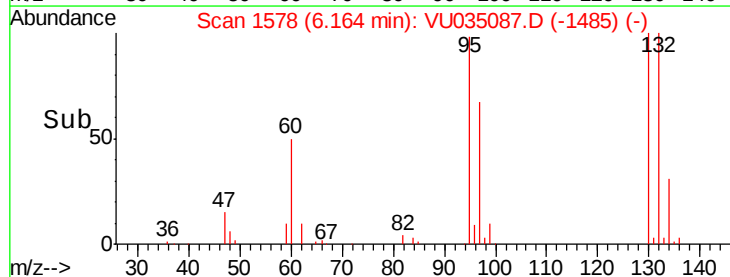
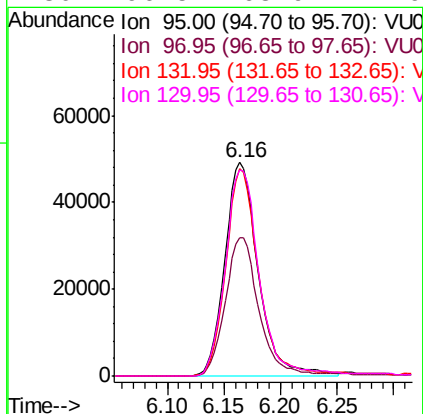
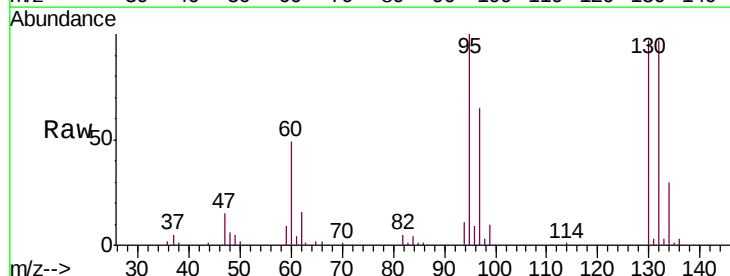
Instrument :
MSVOA_U
ClientSampled :
MW-1D-001-01

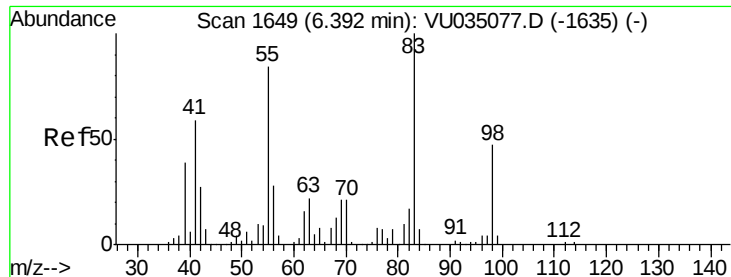
Tgt Ion: 83 Resp: 12302
Ion Ratio Lower Upper
83 100
85 69.0 45.4 84.4



#34
Trichloroethene
Concen: 7.369 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU035087.D
Acq: 11 Oct 2019 13:59

Tgt Ion: 95 Resp: 101402
Ion Ratio Lower Upper
95 100
97 65.0 44.5 82.7
132 96.8 66.6 123.8
130 96.5 68.9 127.9





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

MW-1D-001-01

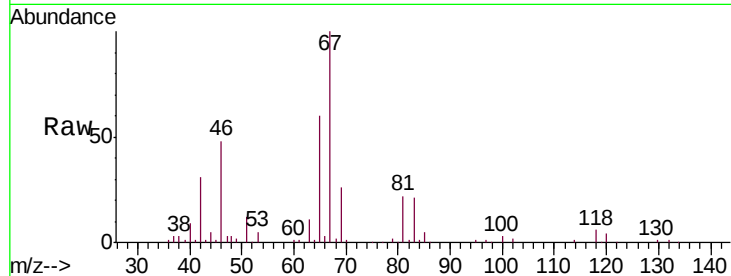
Tgt Ion: 83 Resp: 16012

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

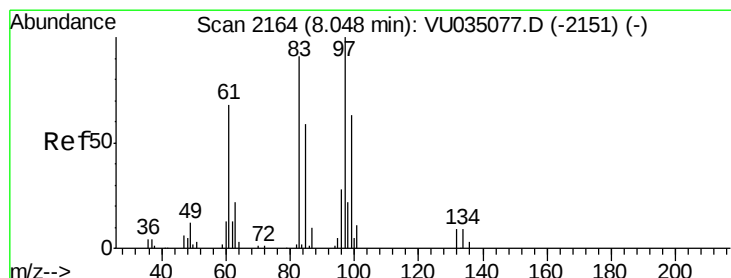
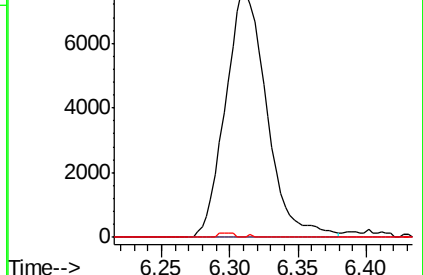
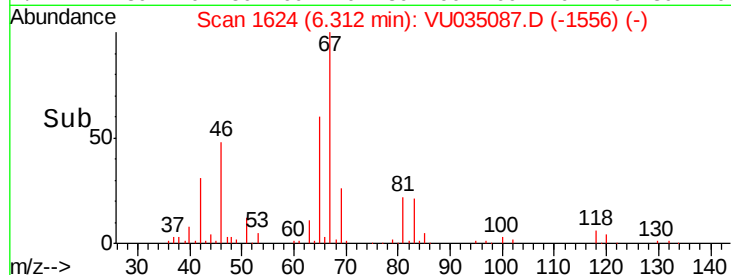
98 0.6 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU035087.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU035087.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU035087.D (-1556) (-)



#45

1,1,2-Trichloroethane

Concen: 0.329 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.16 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

Tgt Ion: 97 Resp: 3142

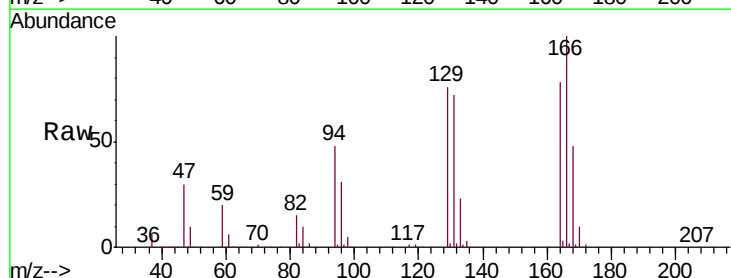
Ion Ratio Lower Upper

97 100

99 14.0 42.3 78.5#

83 259.6 58.0 107.6#

85 41.0 37.8 70.2

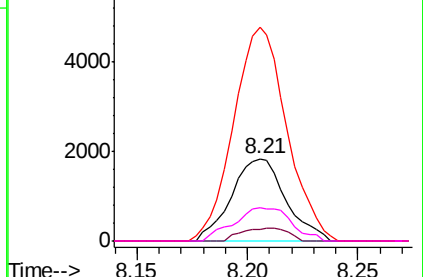
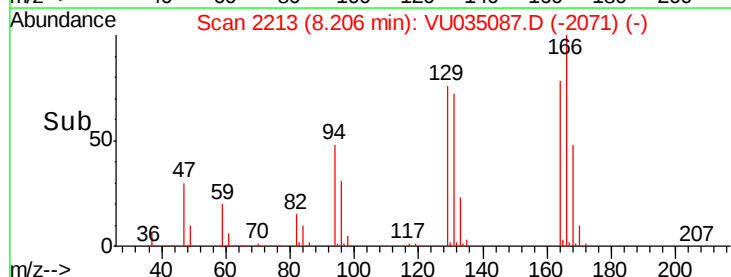


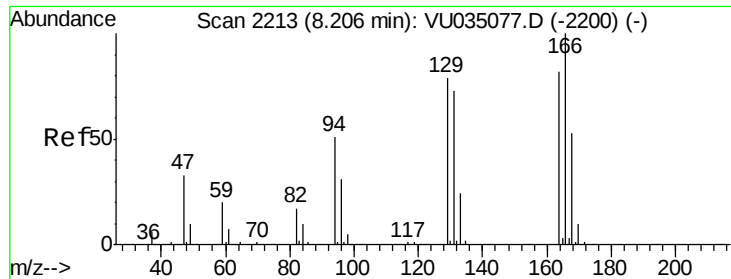
Abundance Ion 96.95 (96.65 to 97.65): VU035087.D (-2071) (-)

Ion 99.05 (98.75 to 99.75): VU035087.D (-2071) (-)

Ion 82.95 (82.65 to 83.65): VU035087.D (-2071) (-)

Ion 85.00 (84.70 to 85.70): VU035087.D (-2071) (-)

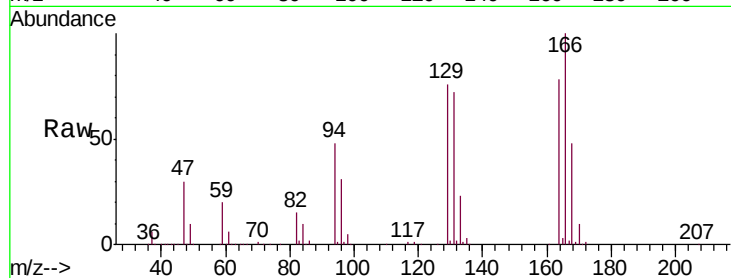




#47
Tetrachloroethene
Concen: 30.465 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035087.D
Acq: 11 Oct 2019 13:59

Instrument :
MSVOA_U
ClientSampleId :
MW-1D-001-01

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.5	127.1
131	91.8	67.3	124.9
166	127.9	93.1	172.9



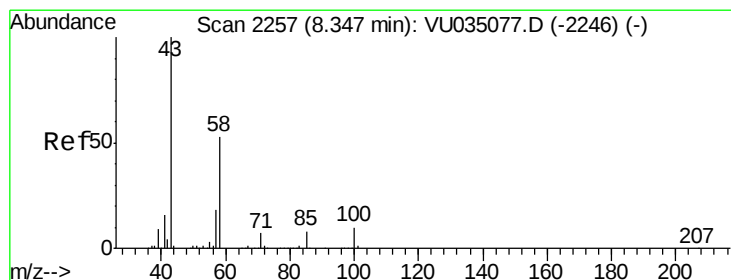
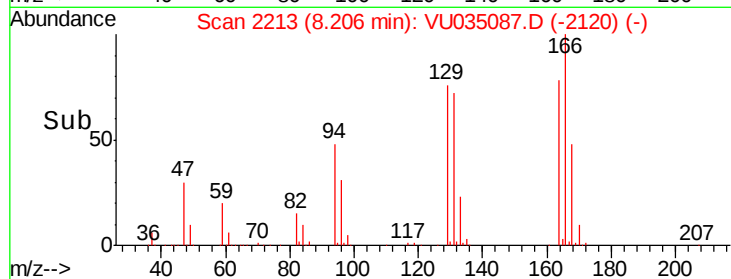
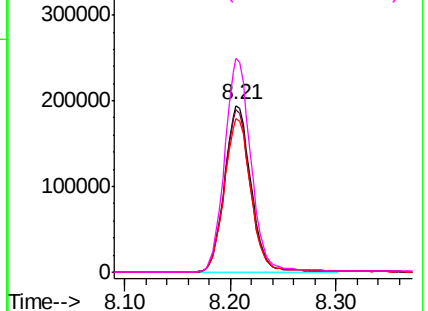
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

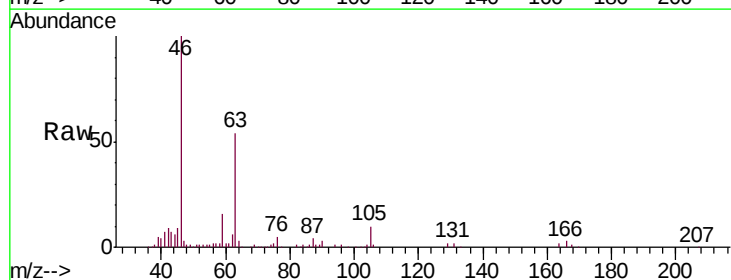
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 1.967 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035087.D
Acq: 11 Oct 2019 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	44.1	66.1#
57	29.5	15.8	23.8#
100	1.3	9.4	14.2#



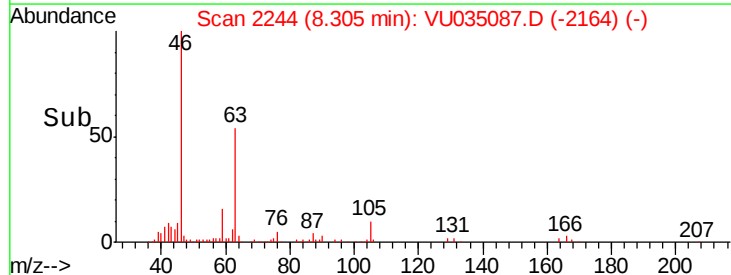
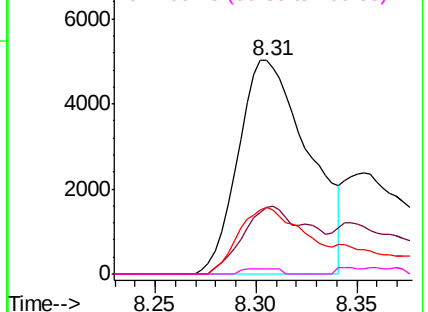
Abundance

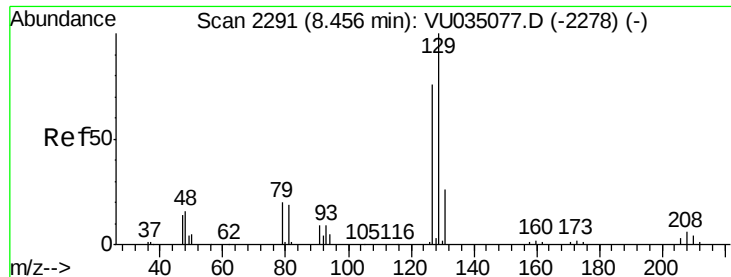
Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 29.360 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU035087.D

Acq: 11 Oct 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

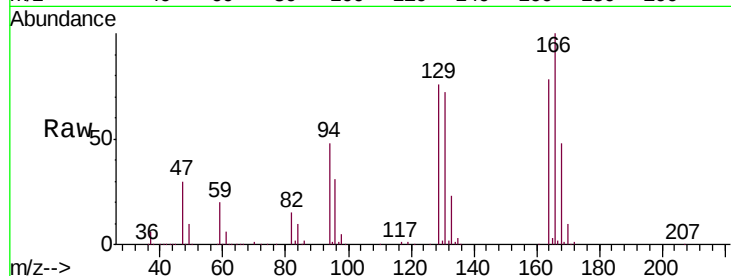
MW-1D-001-01

Tgt Ion: 129 Resp: 324295

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.21

200000

150000

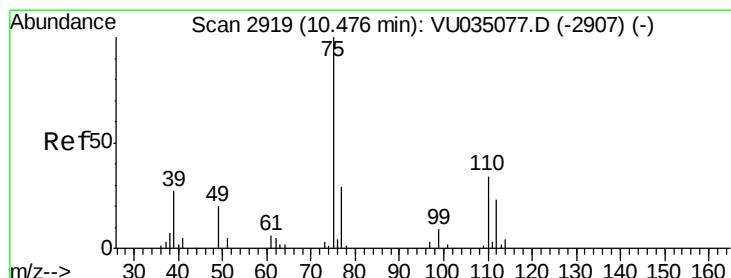
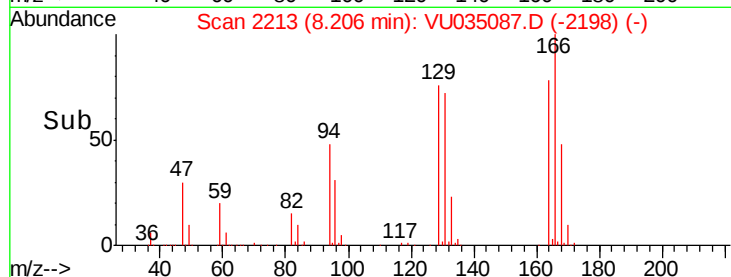
100000

50000

0

Time-->

8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 0.864 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035087.D

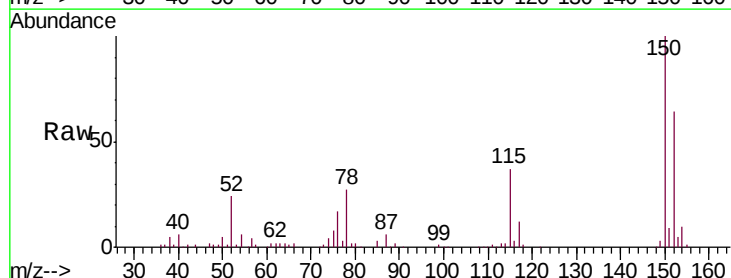
Acq: 11 Oct 2019 13:59

Tgt Ion: 75 Resp: 8048

Ion Ratio Lower Upper

75 100

77 34.9 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.47

4000

3000

2000

1000

0

Time-->

11.40 11.45 11.50 11.55

