

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035291.D
 Acq On : 19 Oct 2019 01:48
 Operator : JC/SP
 Sample : K5419-16DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 06:16:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	321713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	326152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	115085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	95236	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	85955	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.60	63	130816	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.71	46	270473	47.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	5.11	84	184856	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.75	65	103616	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	362731	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.74	67	120616	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	341361	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.22	79	49453	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.69	63	220051	43.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100682	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	104892	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

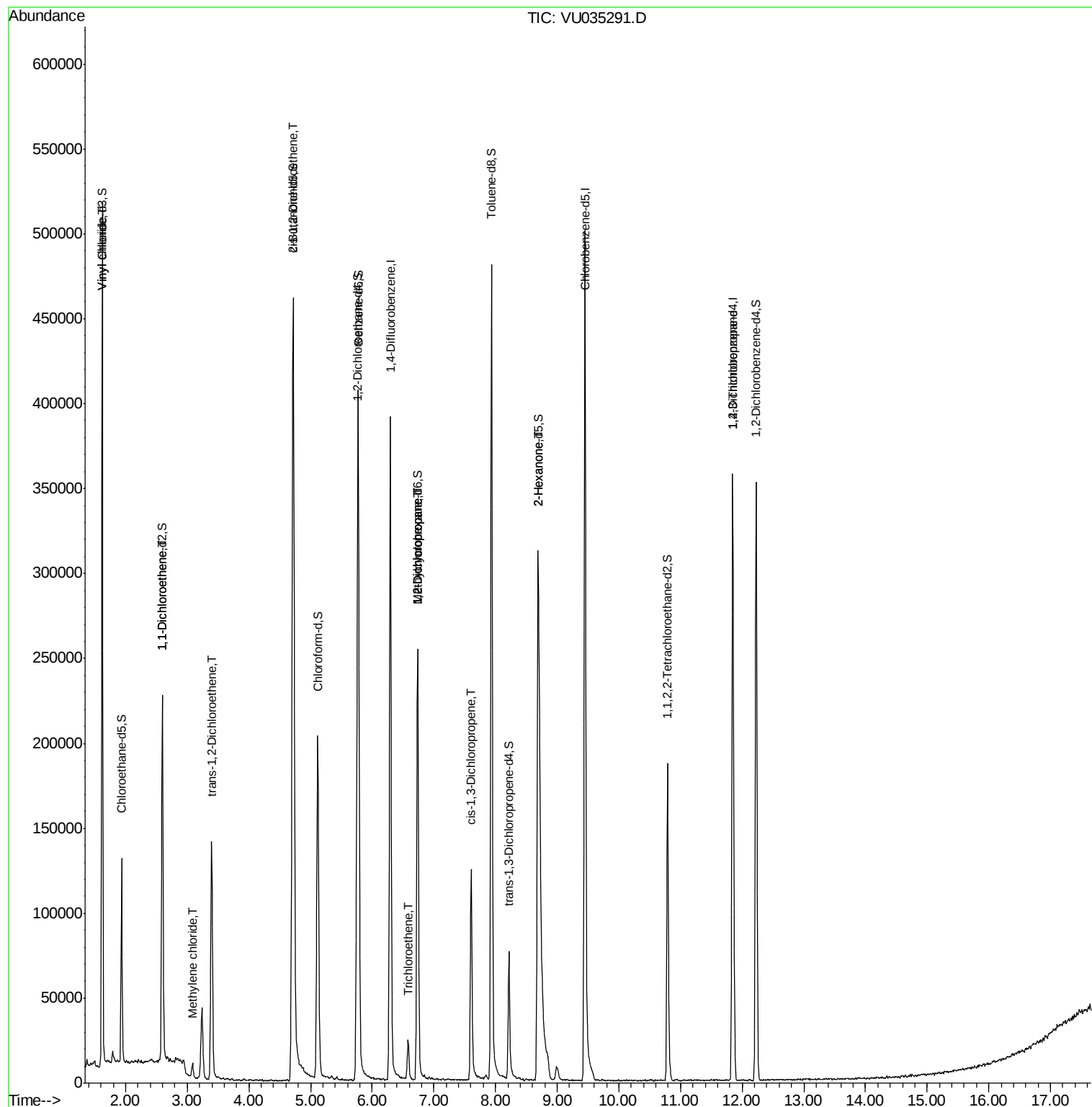
					Ovalue
5) Vinyl chloride	1.62	62	266020	9.537 ug/L	99
12) 1,1-Dichloroethene	2.60	96	1655	0.080 ug/L #	1
16) Methylene chloride	3.09	84	3945	0.159 ug/L	87
18) trans-1,2-Dichloroethene	3.39	96	61716	2.767 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	169580	6.878 ug/L	99
34) Trichloroethene	6.58	95	7405	0.287 ug/L	95
35) Methylcyclohexane	6.74	83	28269	0.656 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13502	0.554 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3369	0.083 ug/L #	25
48) 2-Hexanone	8.69	43	21608	1.874 ug/L #	62
59) 1,2,3-Trichloropropane	11.85	75	14241	0.839 ug/L	90

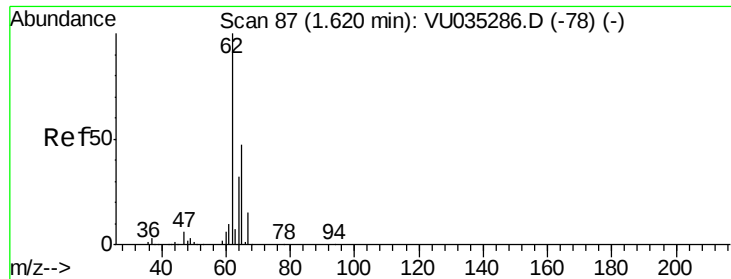
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:13:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.537 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

Instrument :

MSVOA_U

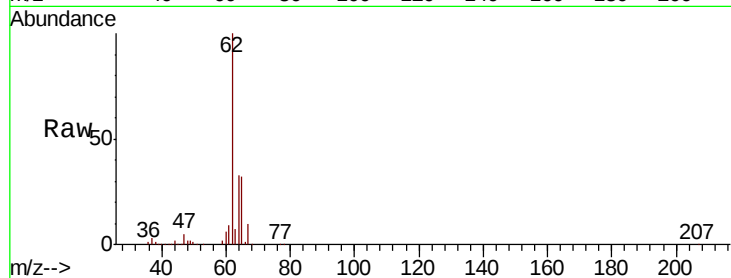
ClientSampled :

Tot Ion: 62 Resp: 266020

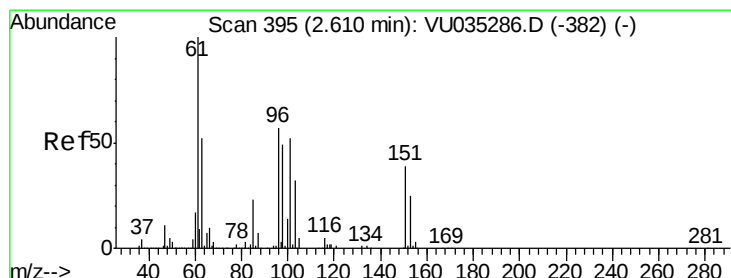
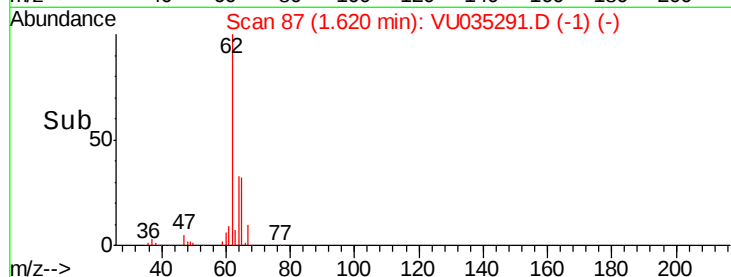
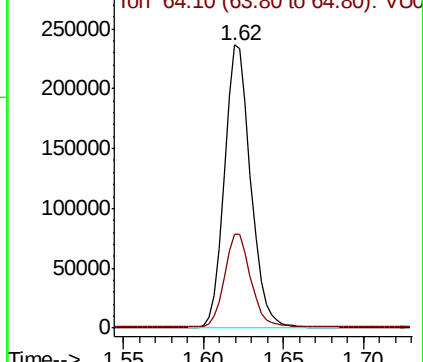
Ion Ratio Lower Upper

62 100

64 33.3 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU035286.D (-78) (-)



#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

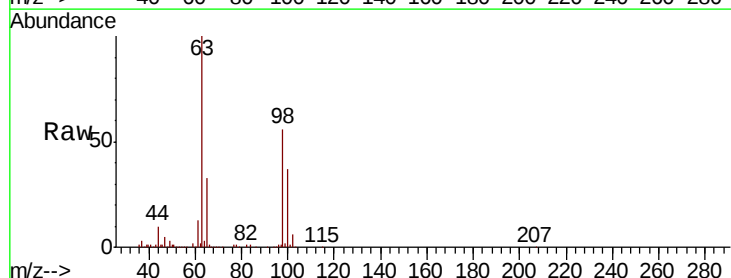
Tgt Ion: 96 Resp: 1655

Ion Ratio Lower Upper

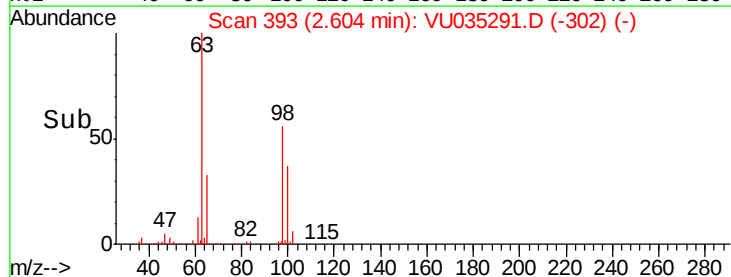
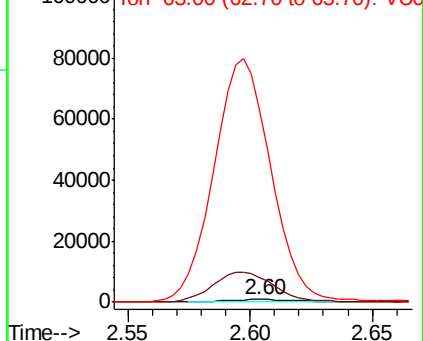
96 100

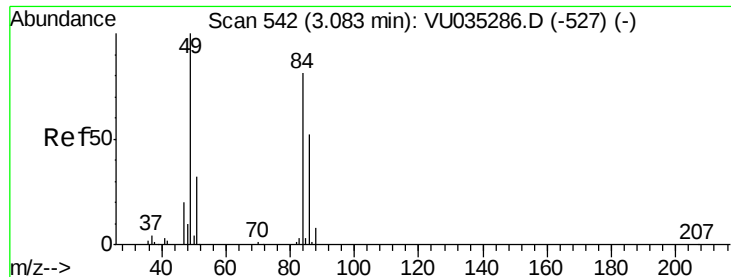
61 925.0 120.6 224.0#

63 7243.6 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035286.D (-382) (-)

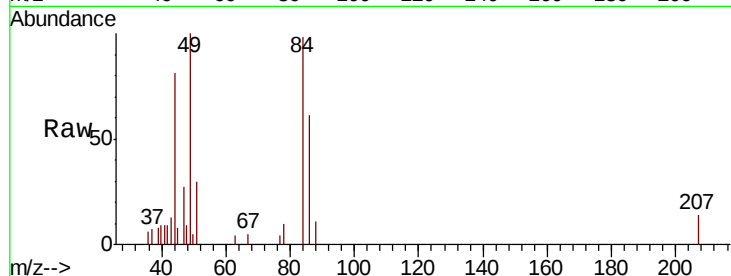




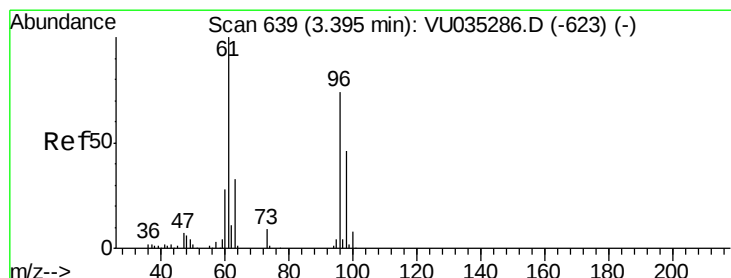
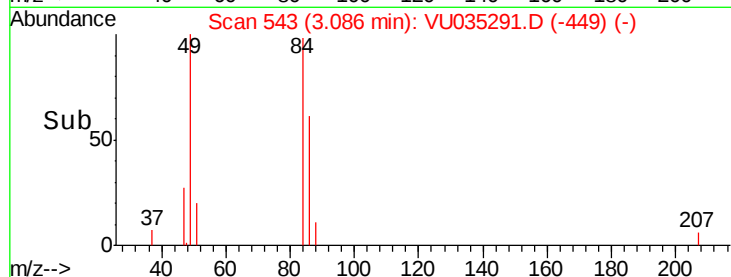
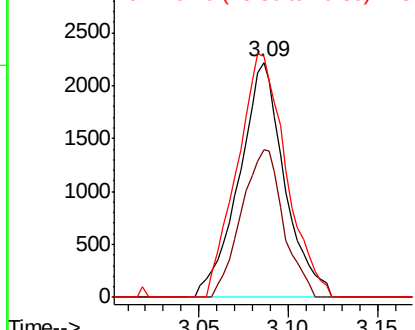
#16
Methvlene chloride
Concen: 0.159 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035291.D
Acq: 19 Oct 2019 01:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3945
Ion Ratio Lower Upper
84 100
86 62.9 45.4 84.2
49 102.5 86.8 161.2

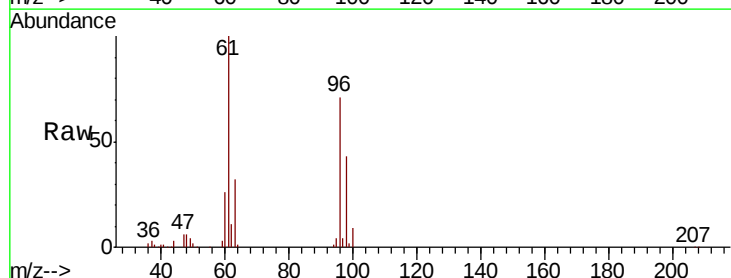


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

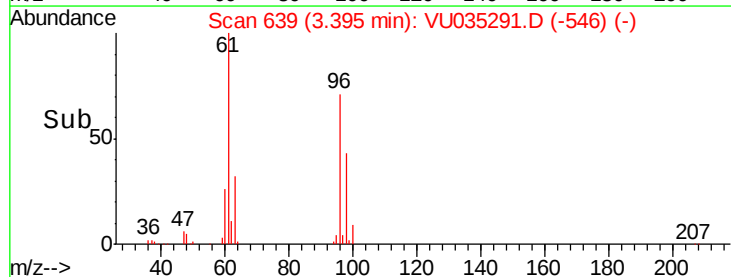
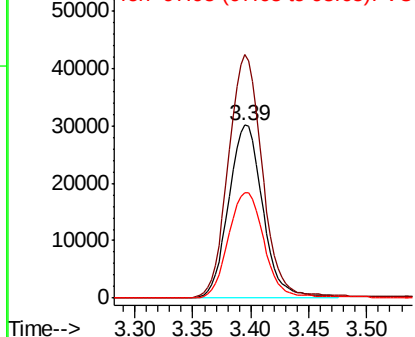


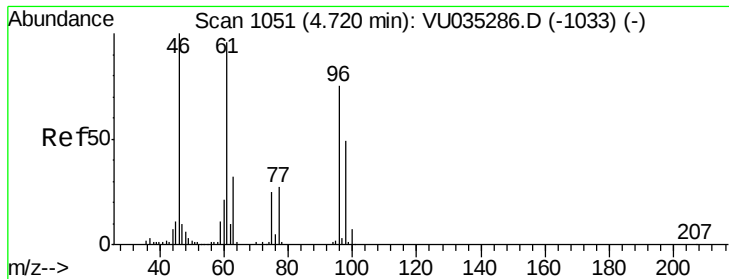
#18
trans-1,2-Dichloroethene
Concen: 2.767 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035291.D
Acq: 19 Oct 2019 01:48

Tgt Ion: 96 Resp: 61716
Ion Ratio Lower Upper
96 100
61 140.8 93.0 172.6
98 61.1 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 6.878 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

Instrument :
MSVOA_U
ClientSampleId :

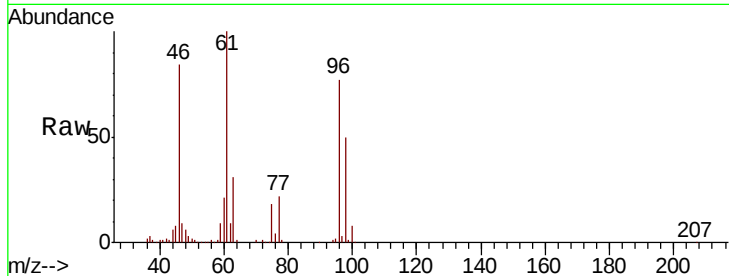
Tot Ion: 96 Resp: 169580

Ion Ratio Lower Upper

96 100

61 129.2 89.7 166.5

68 0.0 0.0 0.0

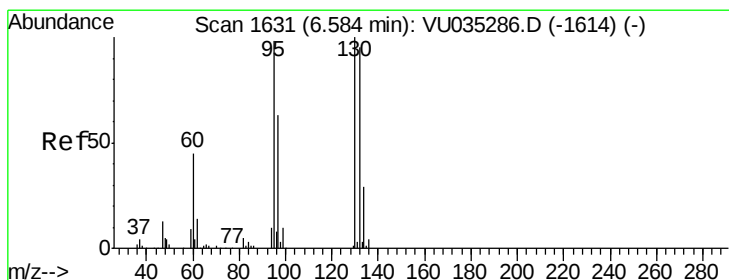
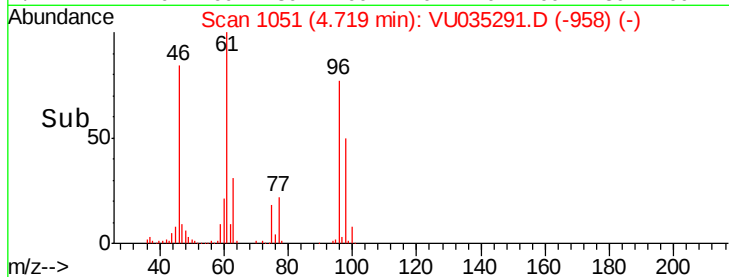
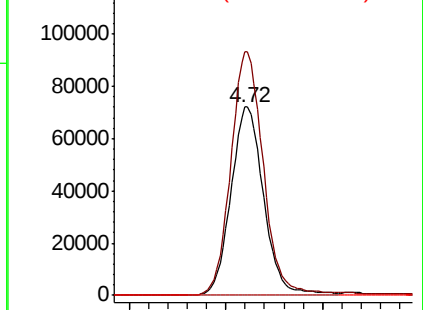


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.287 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

Tgt Ion: 95 Resp: 7405

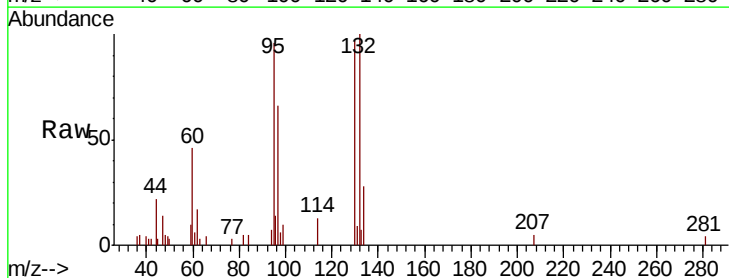
Ion Ratio Lower Upper

95 100

97 69.0 46.6 86.6

132 104.0 68.7 127.7

130 100.5 73.9 137.3



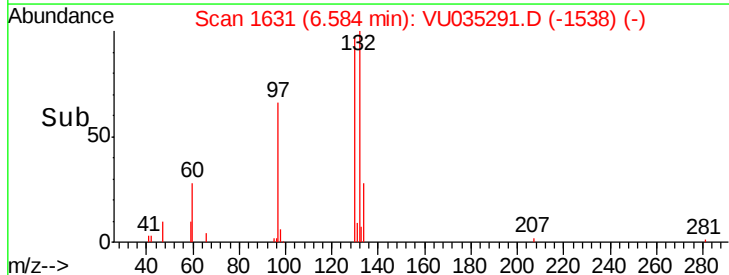
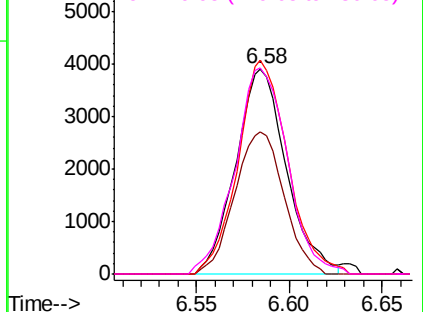
Abundance

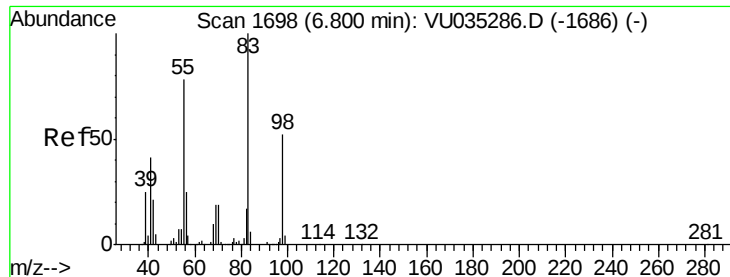
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

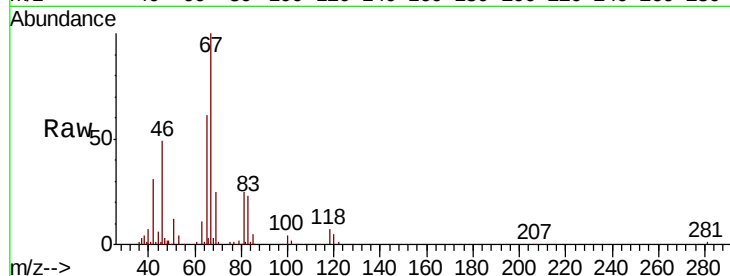




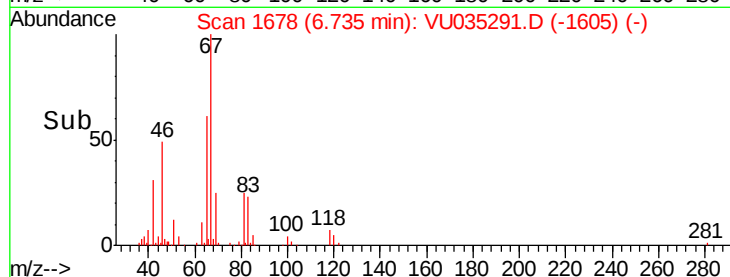
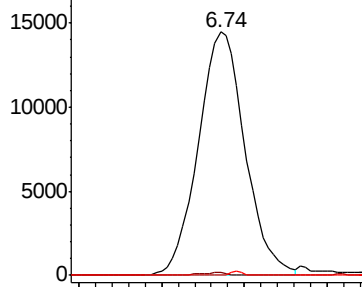
#35
Methvlcvclohexane
Concen: 0.656 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035291.D
Acq: 19 Oct 2019 01:48

Instrument :
MSVOA_U
ClientSampleId :

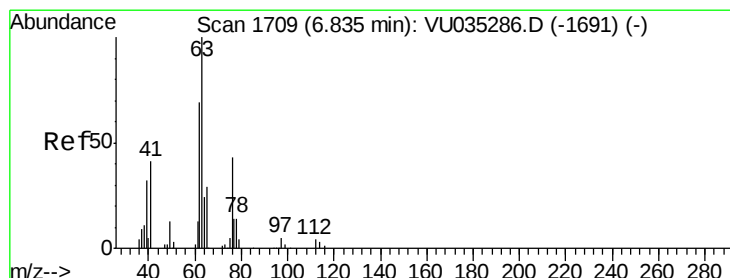
Tot Ion: 83 Resp: 28269
Ion Ratio Lower Upper
83 100
55 0.6 60.4 90.6#
98 0.4 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

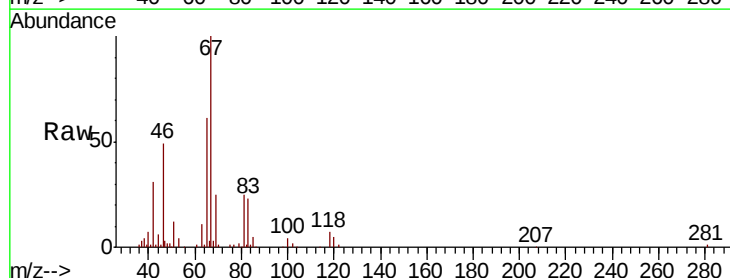


Time-->

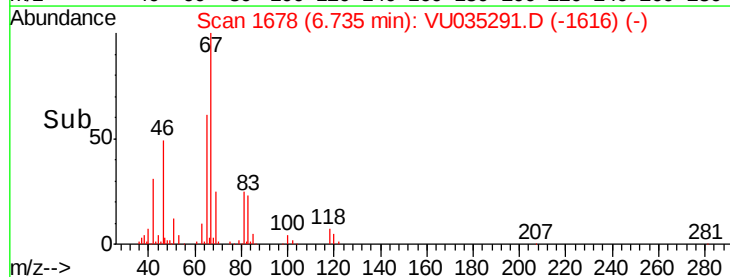
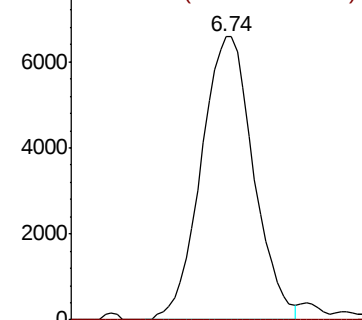


#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035291.D
Acq: 19 Oct 2019 01:48

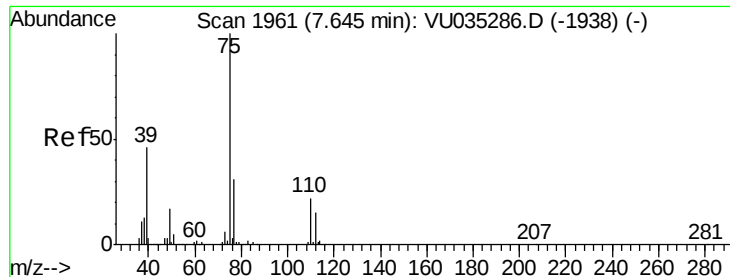
Tgt Ion: 63 Resp: 13502
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



Time-->

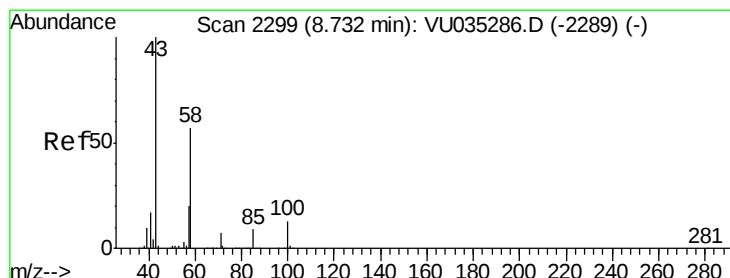
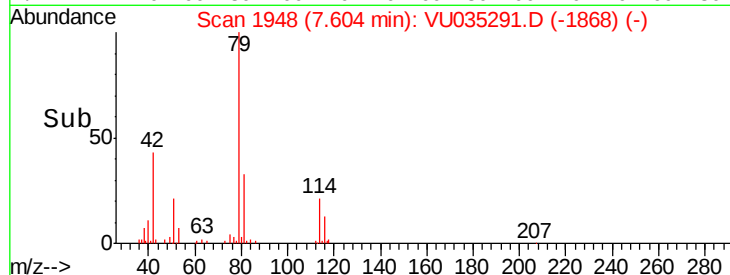
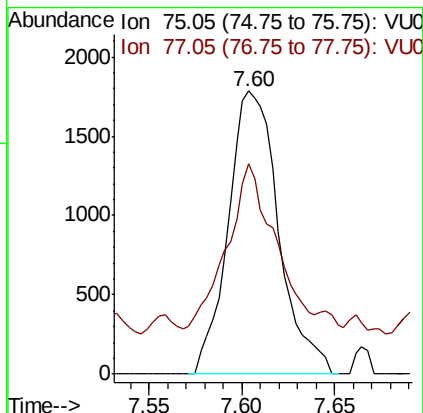
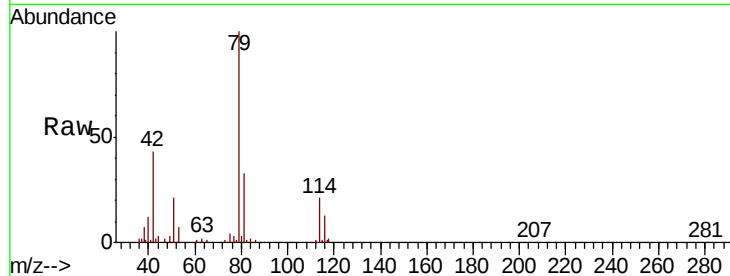


#39

cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035291.D
 Acq: 19 Oct 2019 01:48

Instrument :
 MSVOA_U
 ClientSampleId :

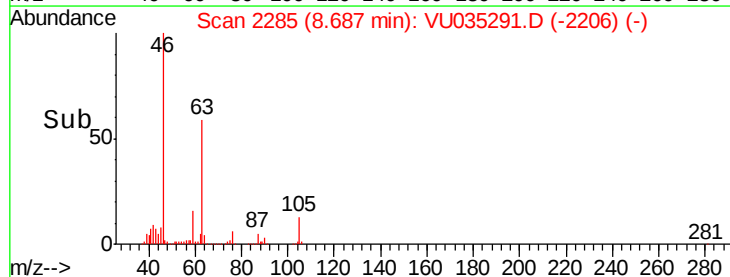
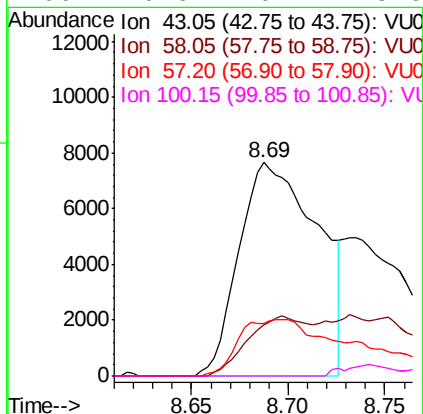
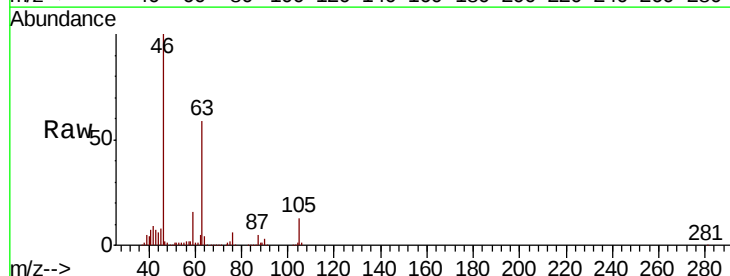
Tot Ion: 75 Resp: 3369
 Ion Ratio Lower Upper
 75 100
 77 74.3 22.7 42.1#

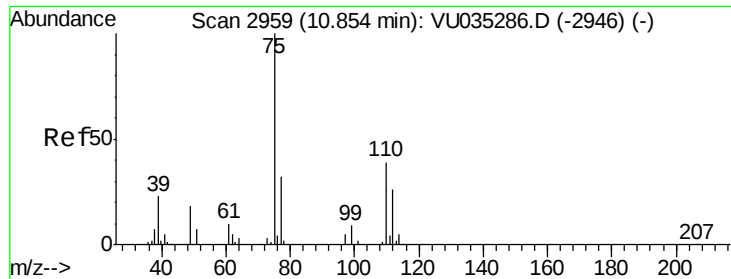


#48

2-Hexanone
 Concen: 1.874 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.05 min
 Lab File: VU035291.D
 Acq: 19 Oct 2019 01:48

Tgt Ion: 43 Resp: 21608
 Ion Ratio Lower Upper
 43 100
 58 21.6 45.1 67.7#
 57 28.3 16.0 24.0#
 100 0.6 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.839 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14241

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.2

