

Data File : VU035995.D
Acq On : 05 Dec 2019 15:33
Operator : JC/SP
Sample : K6105-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE25

Quant Time: Dec 06 01:01:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299769	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134189	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	119183	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	152999	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.69	46	251449	45.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.00%
24) Chloroform-d	5.11	84	214394	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	113603	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.77	84	412496	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	134657	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.93	98	335679	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.22	79	50568	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.70	63	199666	43.72	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.44%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111150	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	81617	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

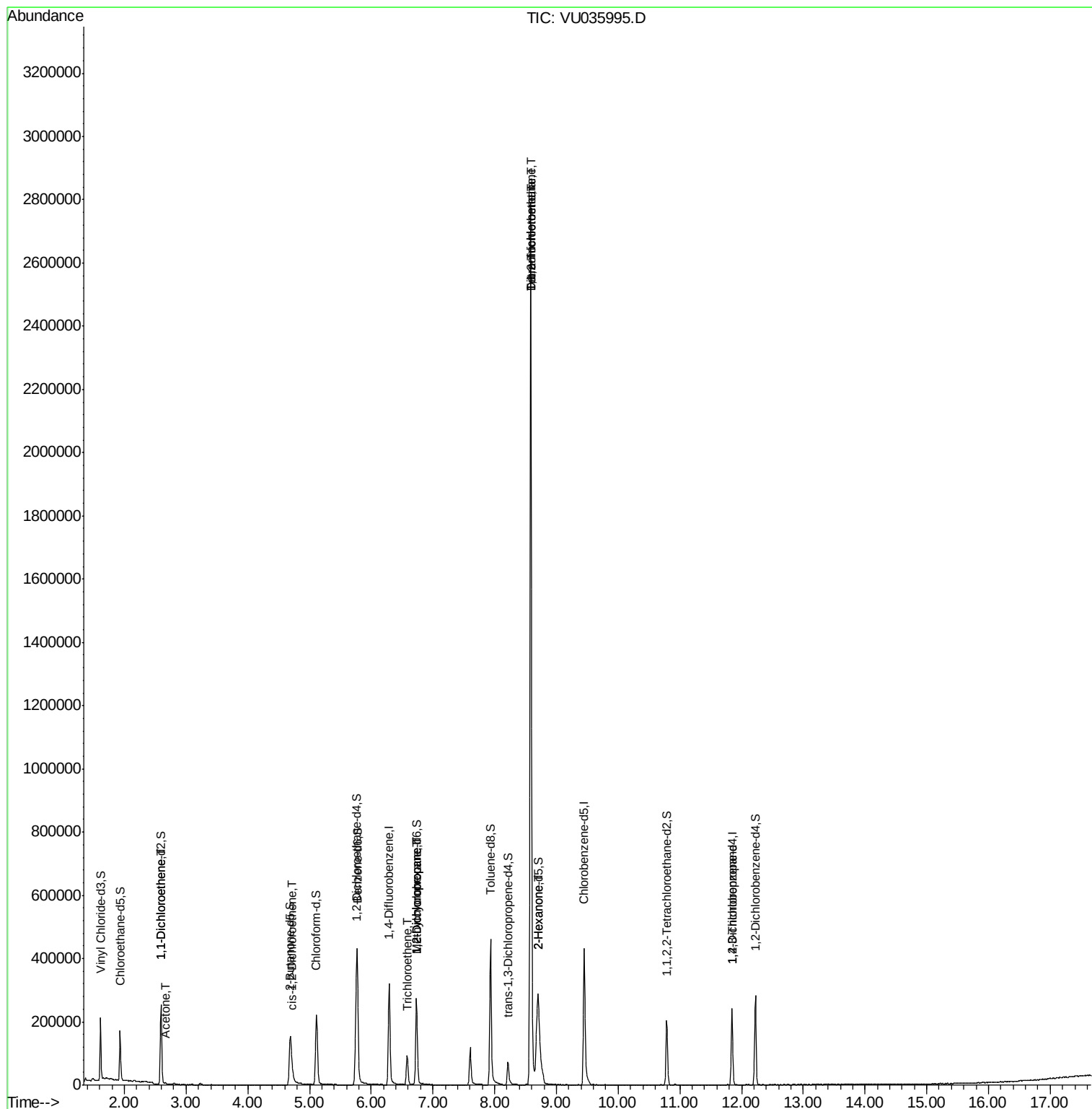
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1349	0.068 ug/L #	1
13) Acetone	2.66	43	4970	0.984 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	15408	0.694 ug/L	86
34) Trichloroethene	6.58	95	30928	1.297 ug/L	91
35) Methylcyclohexane	6.74	83	31384	0.878 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	14819	0.581 ug/L #	89
45) 1,1,2-Trichloroethane	8.59	97	5737	0.330 ug/L #	1
47) Tetrachloroethene	8.58	164	680029	35.097 ug/L	96
48) 2-Hexanone	8.70	43	31314	2.826 ug/L #	60
49) Dibromochloromethane	8.58	129	612432	28.901 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	8502	0.512 ug/L	94

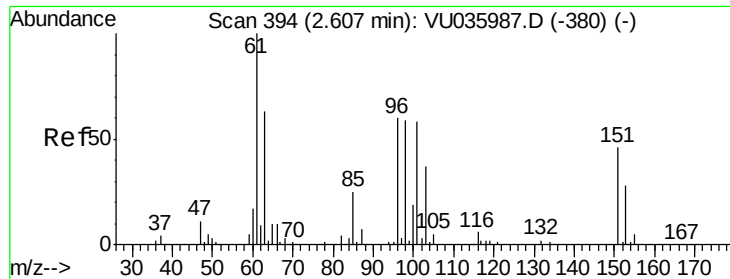
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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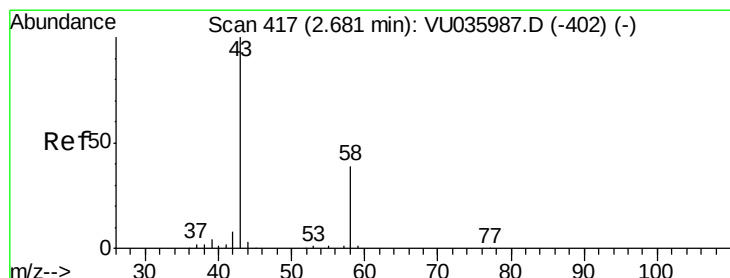
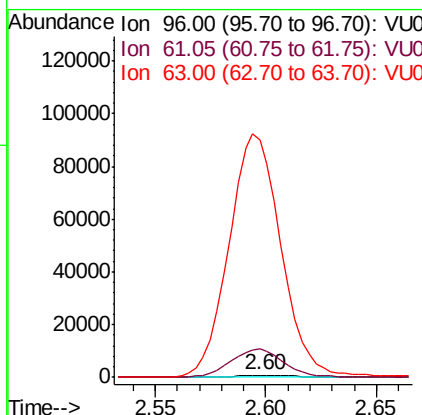
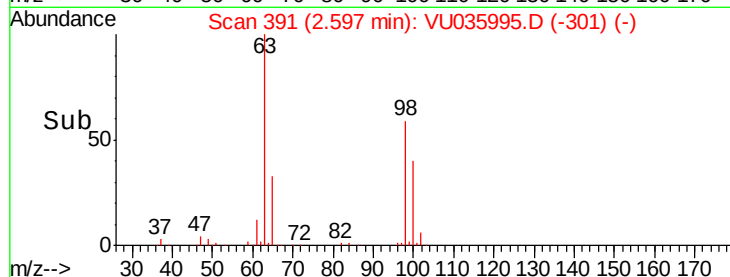
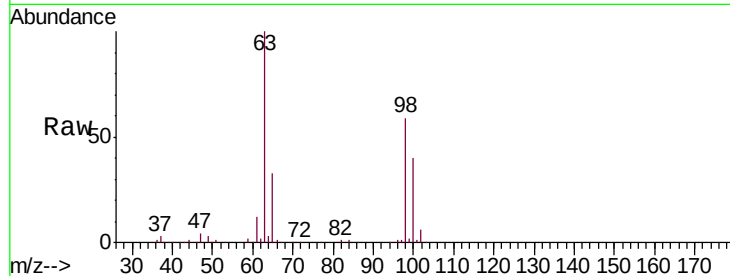




#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035995.D
 Acq: 05 Dec 2019 15:33

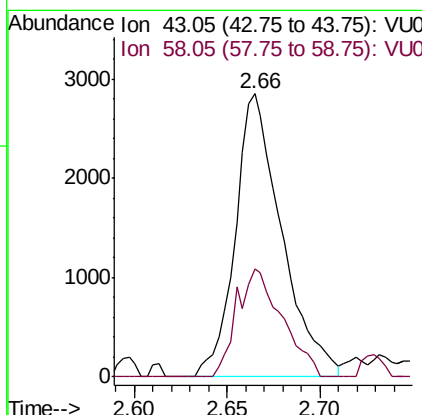
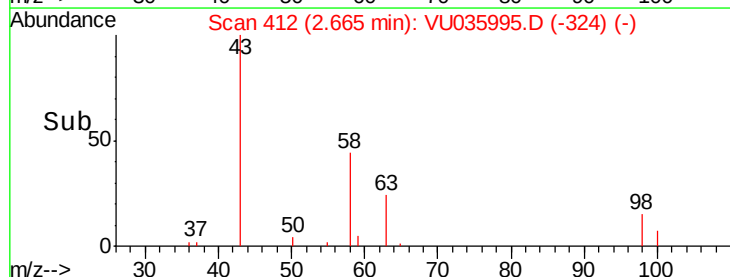
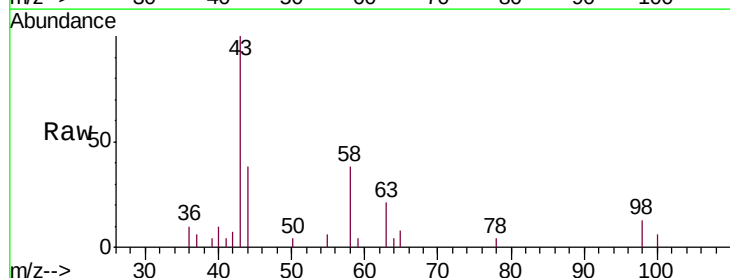
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE25

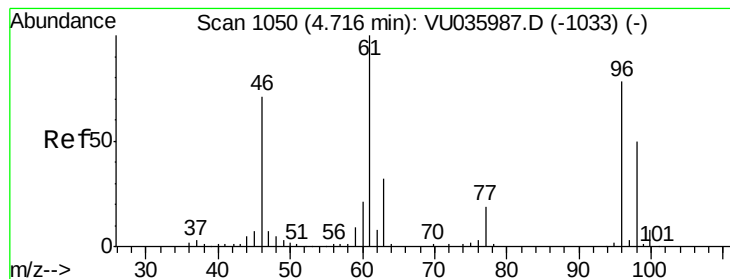
Tgt Ion: 96 Resp: 1349
 Ion Ratio Lower Upper
 96 100
 61 1696.4 127.1 236.1#
 63 14159.7 86.0 159.8#



#13
 Acetone
 Concen: 0.984 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: VU035995.D
 Acq: 05 Dec 2019 15:33

Tgt Ion: 43 Resp: 4970
 Ion Ratio Lower Upper
 43 100
 58 37.2 0.0 68.6





#22

cis-1,2-Dichloroethene

Concen: 0.694 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035995.D

Acq: 05 Dec 2019 15:33

Instrument :

MSVOA_U

ClientSampled :

BFE25

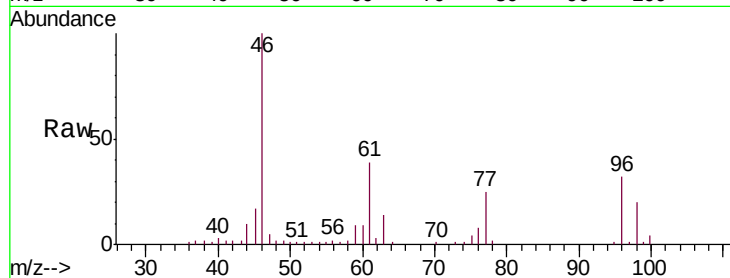
Tgt Ion: 96 Resp: 15408

Ion Ratio Lower Upper

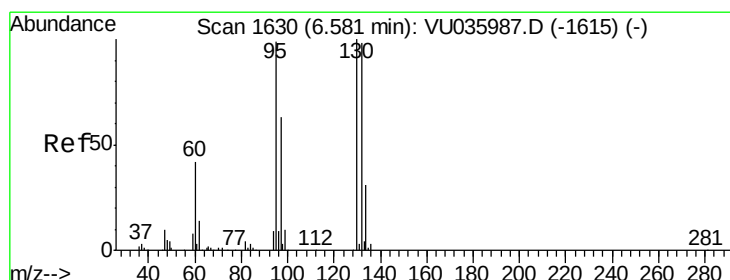
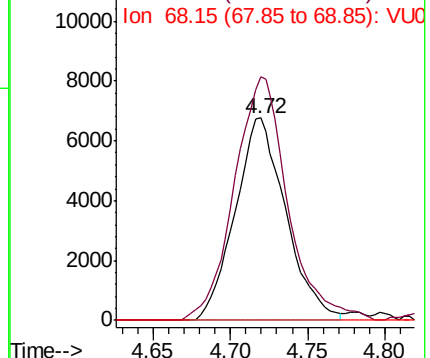
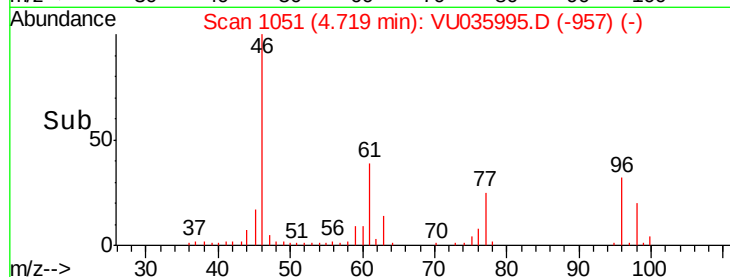
96 100

61 120.2 95.7 177.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035995.D (-957) (-)



#34

Trichloroethene

Concen: 1.297 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035995.D

Acq: 05 Dec 2019 15:33

Tgt Ion: 95 Resp: 30928

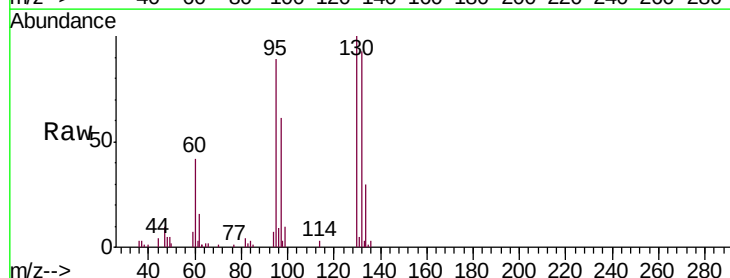
Ion Ratio Lower Upper

95 100

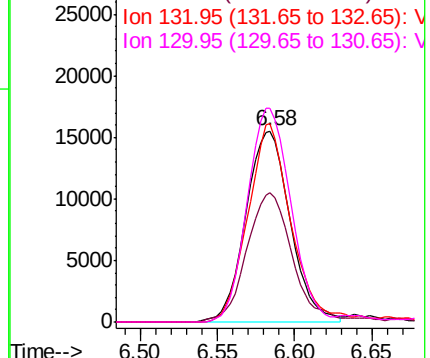
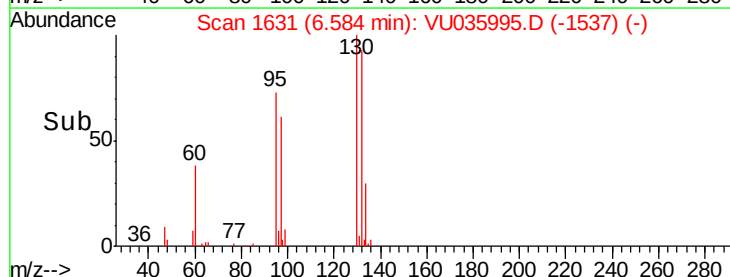
97 68.0 46.3 85.9

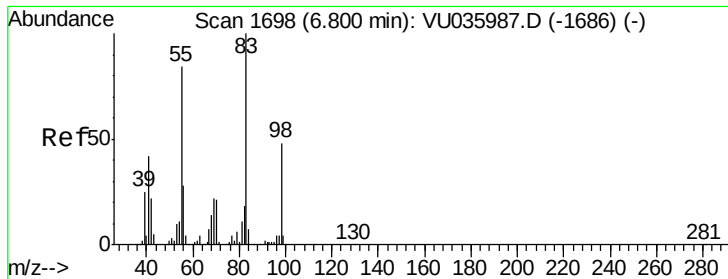
132 103.9 65.7 122.1

130 111.9 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VU035995.D (-1537) (-)

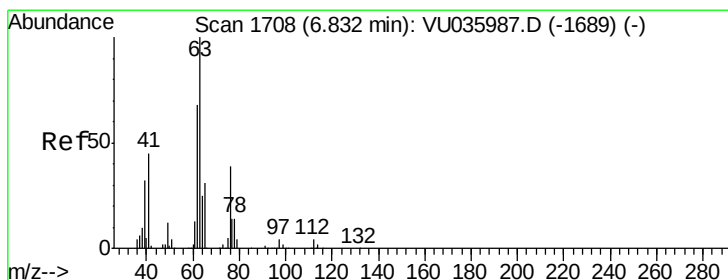
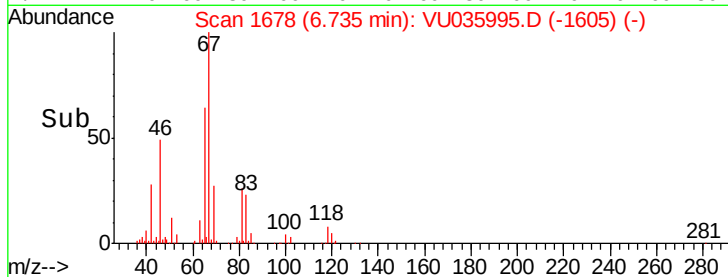
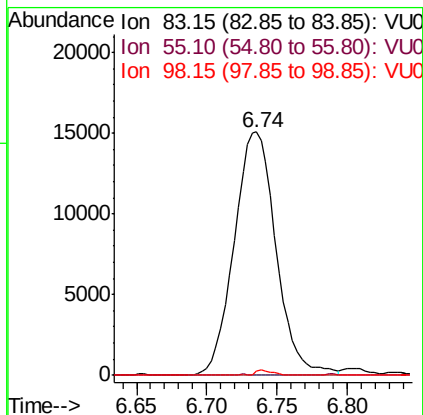
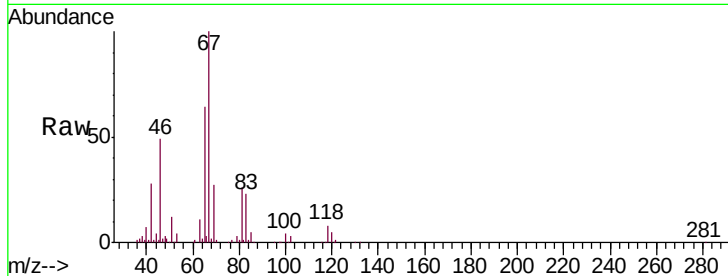




#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035995.D
Acq: 05 Dec 2019 15:33

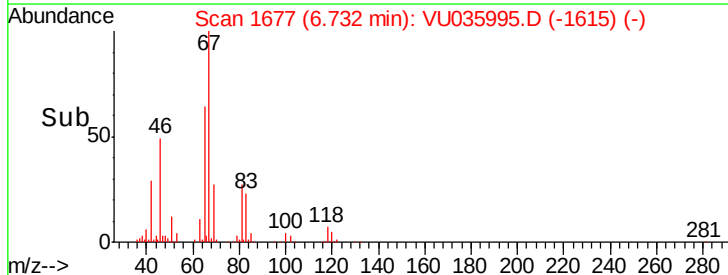
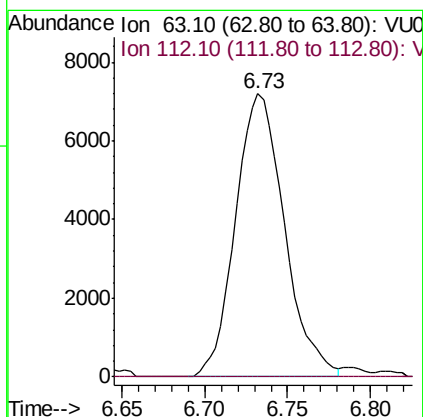
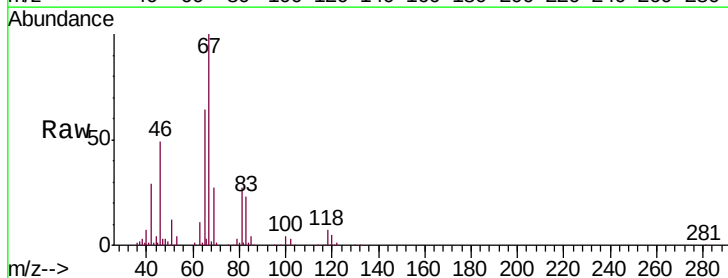
Instrument :
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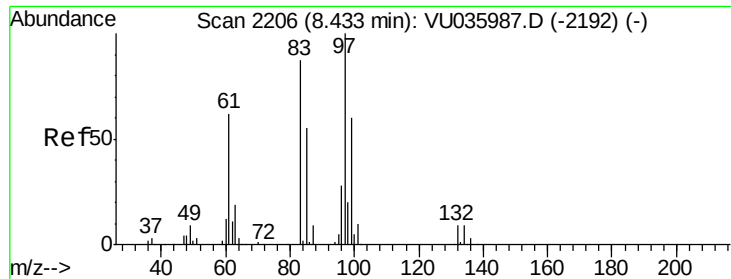
Tgt Ion: 83 Resp: 31384
Ion Ratio Lower Upper
83 100
55 0.1 67.4 101.0#
98 0.8 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035995.D
Acq: 05 Dec 2019 15:33

Tgt Ion: 63 Resp: 14819
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#

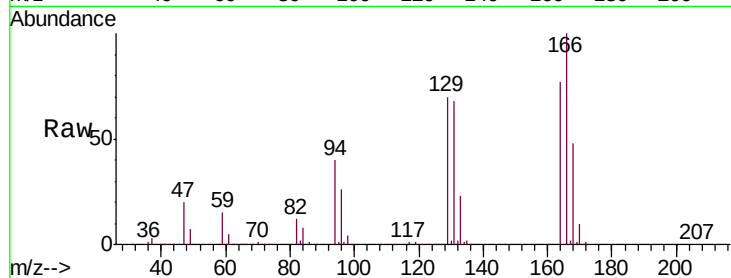




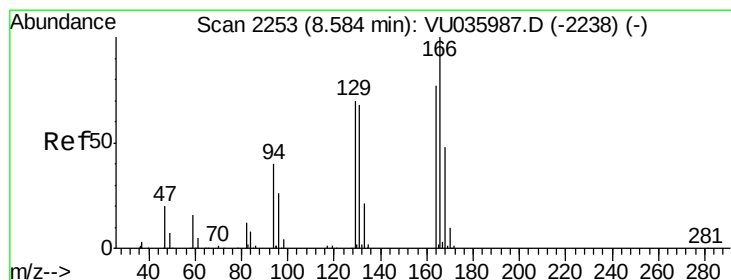
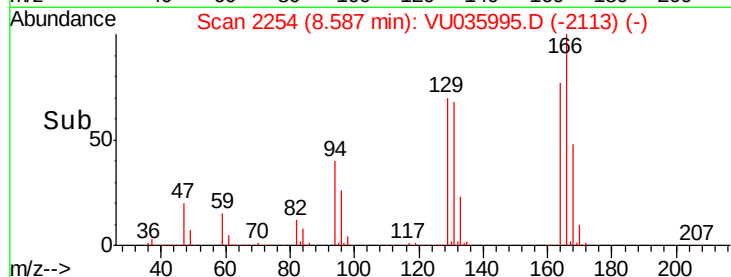
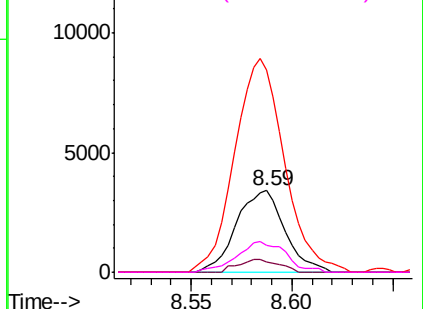
#45
 1,1,2-Trichloroethane
 Concen: 0.330 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.15 min
 Lab File: VU035995.D
 Acq: 05 Dec 2019 15:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE25

Tgt Ion: 97 Resp: 5737
 Ion Ratio Lower Upper
 97 100
 99 12.7 45.0 83.6#
 83 249.0 62.1 115.3#
 85 33.0 41.4 77.0#

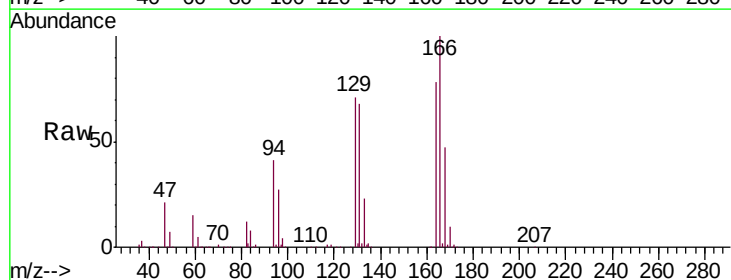


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

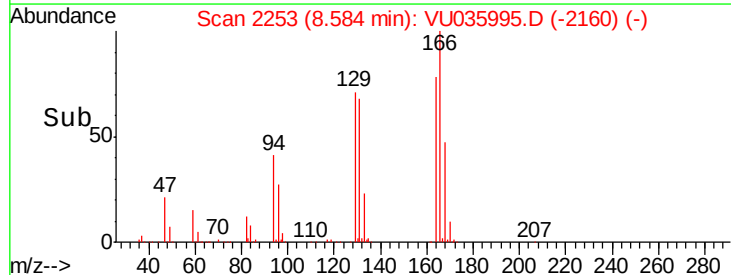
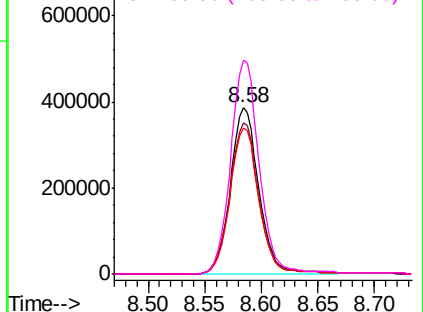


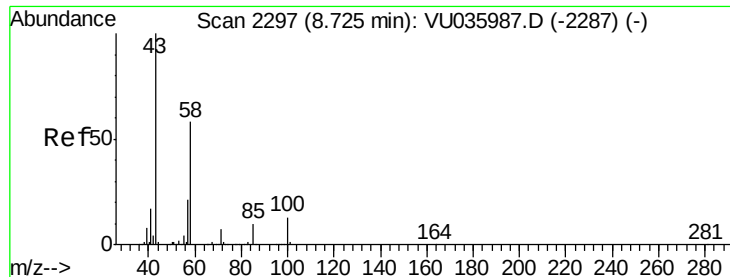
#47
 Tetrachloroethene
 Concen: 35.097 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035995.D
 Acq: 05 Dec 2019 15:33

Tgt Ion: 164 Resp: 680029
 Ion Ratio Lower Upper
 164 100
 129 90.9 67.9 126.1
 131 87.8 64.1 119.1
 166 128.5 92.6 172.0



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

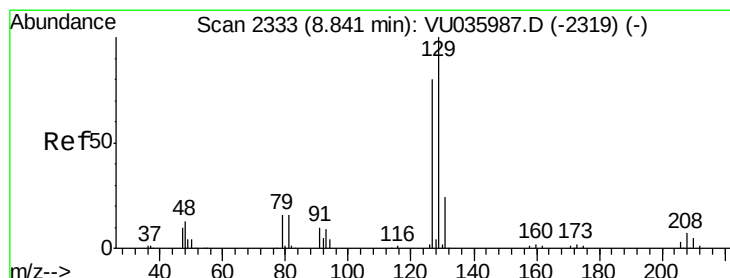
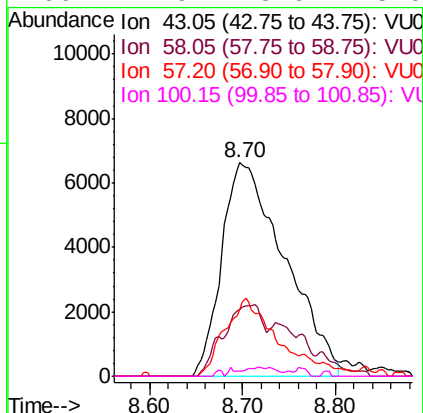
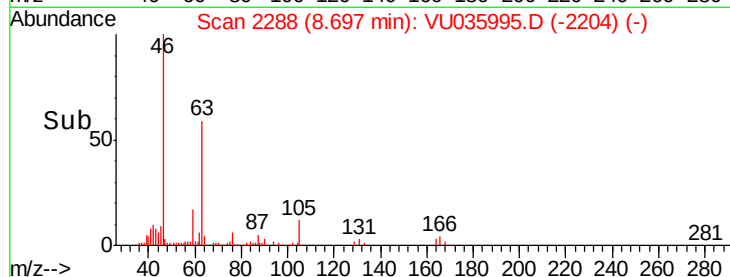
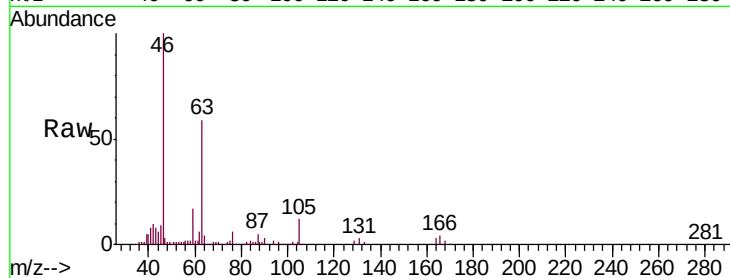




#48
2-Hexanone
Concen: 2.826 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. -0.03 min
Lab File: VU035995.D
Acq: 05 Dec 2019 15:33

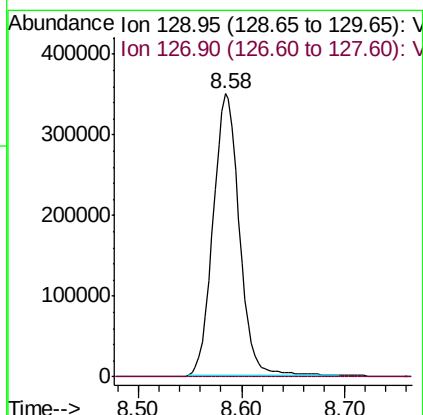
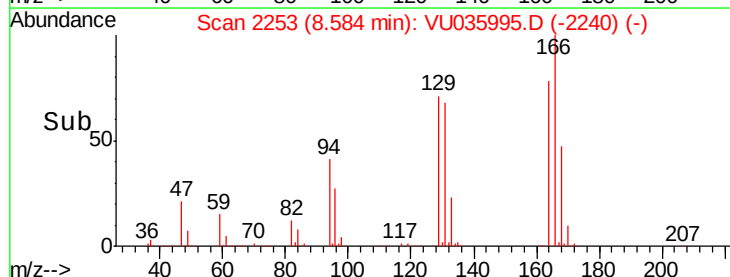
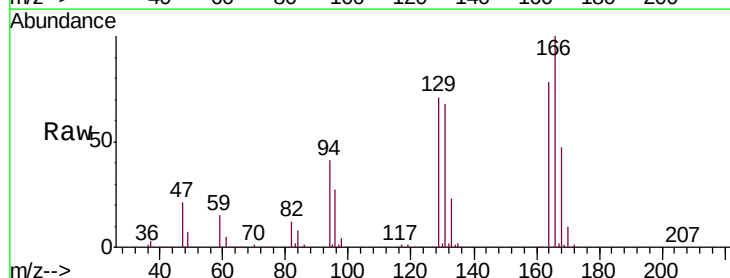
Instrument :
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ClientSampleId :
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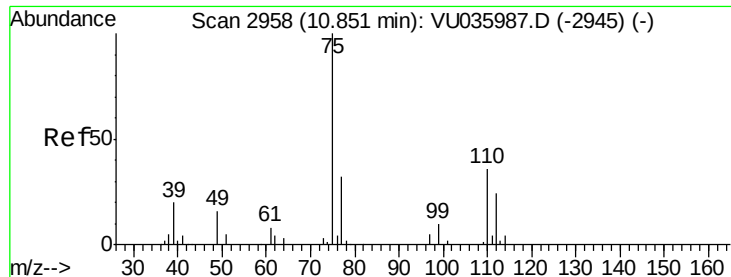
Tgt Ion: 43 Resp: 31314
Ion Ratio Lower Upper
43 100
58 20.9 45.4 68.2#
57 29.4 14.9 22.3#
100 1.9 8.6 13.0#



#49
Dibromochloromethane
Concen: 28.901 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035995.D
Acq: 05 Dec 2019 15:33

Tgt Ion: 129 Resp: 612432
Ion Ratio Lower Upper
129 100
127 0.1 52.8 98.0#





#59

1,2,3-Trichloropropane

Concen: 0.512 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035995.D

Acq: 05 Dec 2019 15:33

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 8502

Ion Ratio Lower Upper

75 100

77 36.3 26.6 39.8

