

Data File : VU034964.D
Acq On : 07 Oct 2019 16:59
Operator : JC/SP
Sample : K5219-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DW-2-001-01

Quant Time: Oct 09 04:01:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	180268	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	180659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	71497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46263	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.68	69	44979	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.26	63	70801	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.17	46	141434	45.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	4.62	84	89053	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.29	65	56077	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.32	84	199426	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.31	67	68798	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.54	98	176427	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.84	79	22288	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.30	63	104386	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54484	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	65130	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

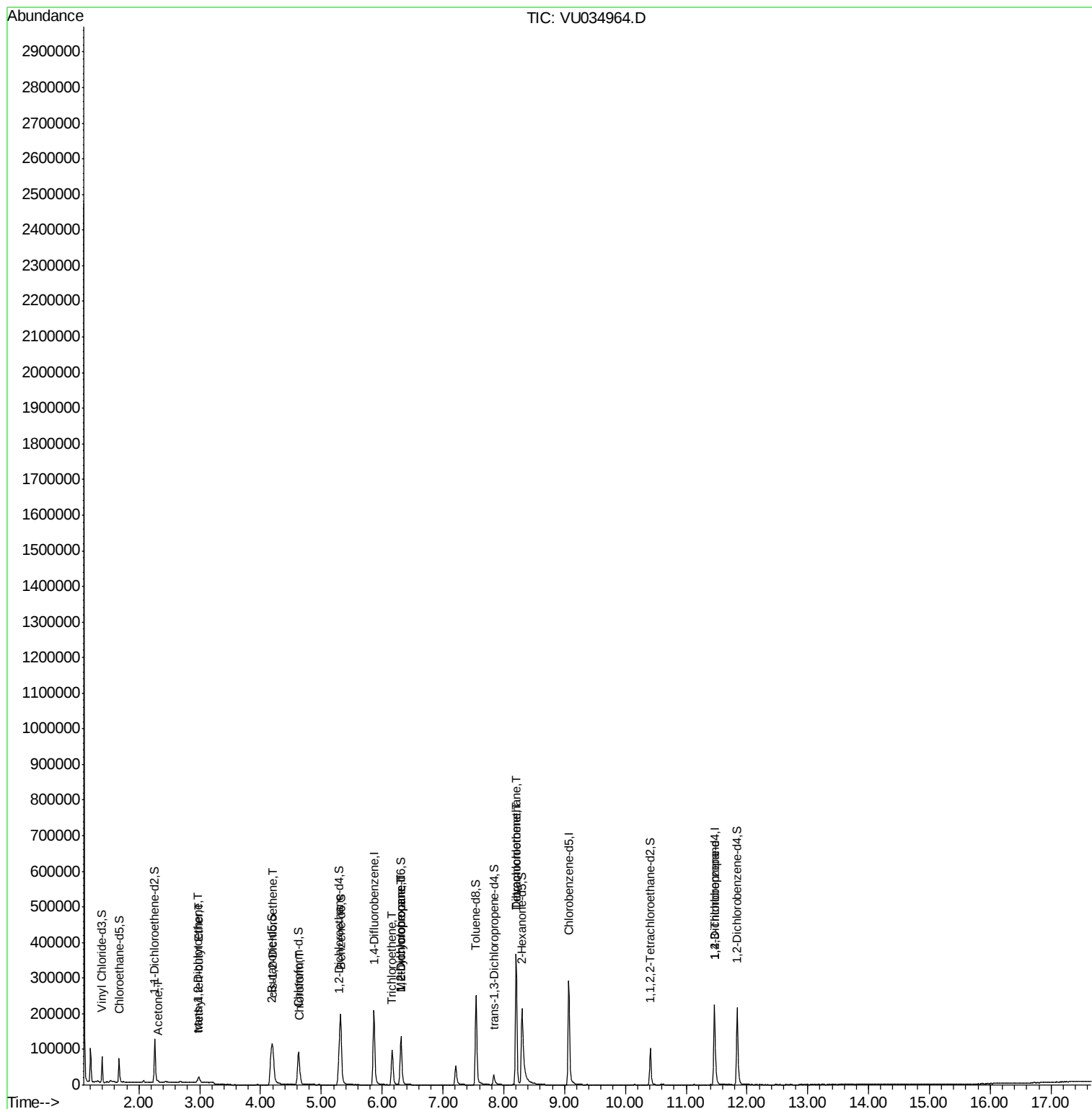
					Qvalue
13) Acetone	2.31	43	5258	2.046	ug/L 98
17) Methyl tert-butyl Ether	2.99	73	15180	0.481	ug/L 95
18) trans-1,2-Dichloroethene	2.96	96	1281	0.103	ug/L 95
22) cis-1,2-Dichloroethene	4.20	96	49749	3.597	ug/L 93
25) Chloroform	4.65	83	11811	0.427	ug/L 83
34) Trichloroethene	6.16	95	37232	2.653	ug/L 99
35) Methylcyclohexane	6.31	83	15368	0.676	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	8035	0.547	ug/L # 89
47) Tetrachloroethene	8.21	164	81428	7.168	ug/L 99
49) Dibromochloromethane	8.21	129	77472	6.877	ug/L # 13
59) 1,2,3-Trichloropropane	11.47	75	9031	0.950	ug/L 89

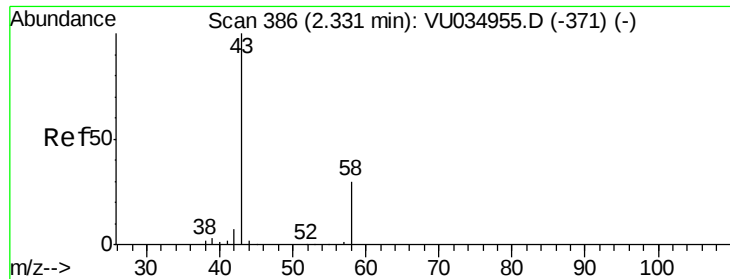
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.046 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

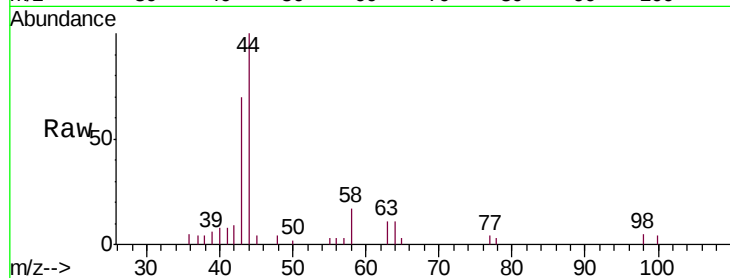
DW-2-001-01

Tgt Ion: 43 Resp: 5258

Ion Ratio Lower Upper

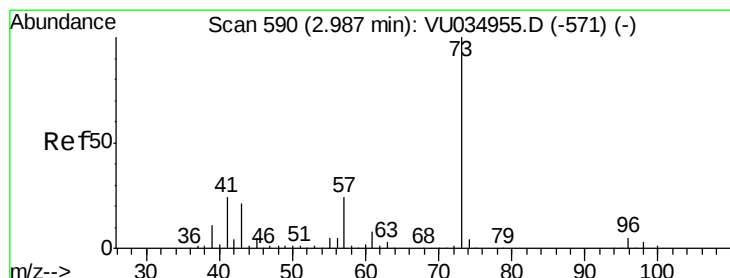
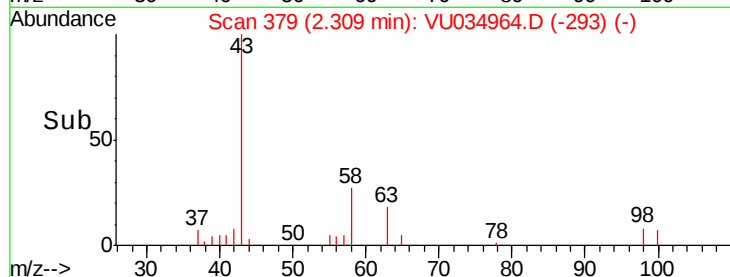
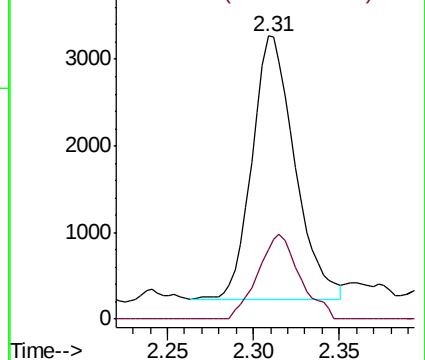
43 100

58 31.4 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034955.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU034955.D (-371) (-)



#17

Methyl tert-butyl Ether

Concen: 0.481 ug/L

RT: 2.99 min Scan# 591

Delta R.T. 0.00 min

Lab File: VU034964.D

Acq: 07 Oct 2019 16:59

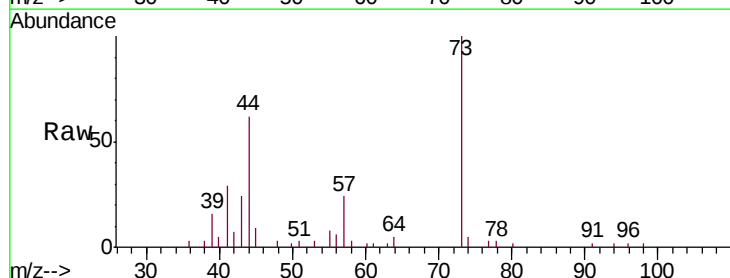
Tgt Ion: 73 Resp: 15180

Ion Ratio Lower Upper

73 100

43 24.9 17.4 26.0

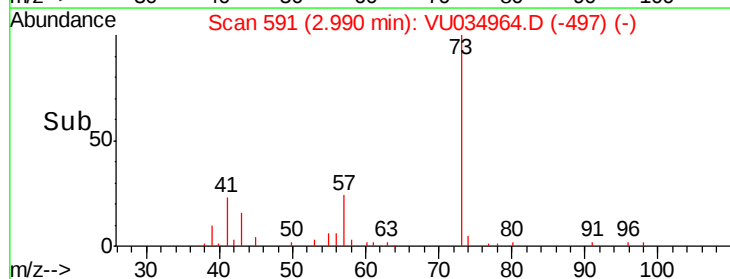
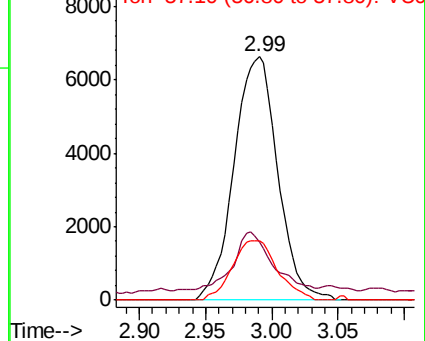
57 25.3 19.2 28.8

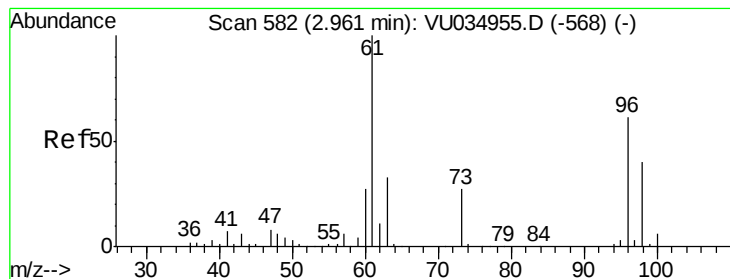


Abundance Ion 73.10 (72.80 to 73.80): VU034955.D (-571) (-)

Ion 43.05 (42.75 to 43.75): VU034955.D (-571) (-)

Ion 57.10 (56.80 to 57.80): VU034955.D (-571) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.103 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU034964.D

Acq: 07 Oct 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

DW-2-001-01

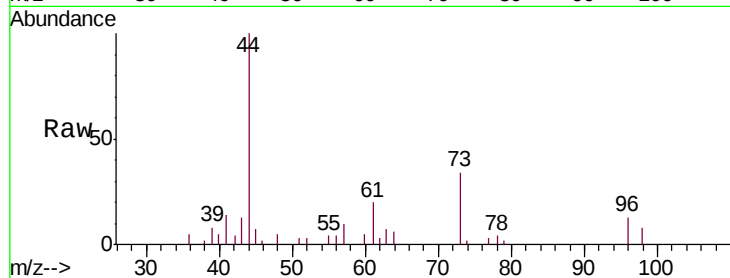
Tgt Ion: 96 Resp: 1281

Ion Ratio Lower Upper

96 100

61 152.6 112.3 208.7

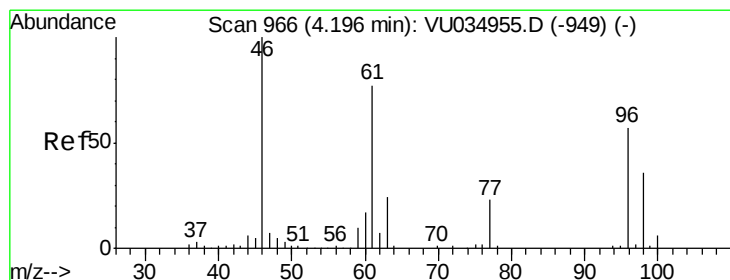
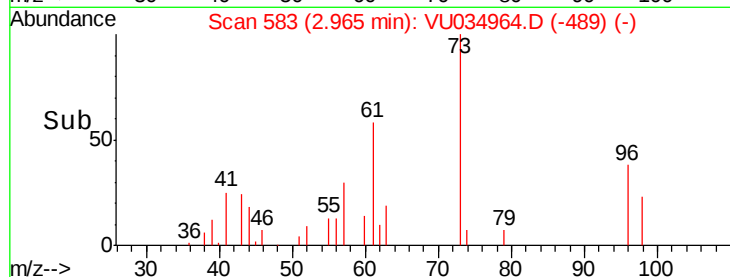
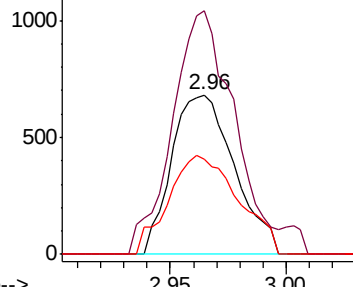
98 59.7 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU034955.D (-568) (-)

Ion 61.05 (60.75 to 61.75): VU034955.D (-568) (-)

Ion 97.95 (97.65 to 98.65): VU034955.D (-568) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.597 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034964.D

Acq: 07 Oct 2019 16:59

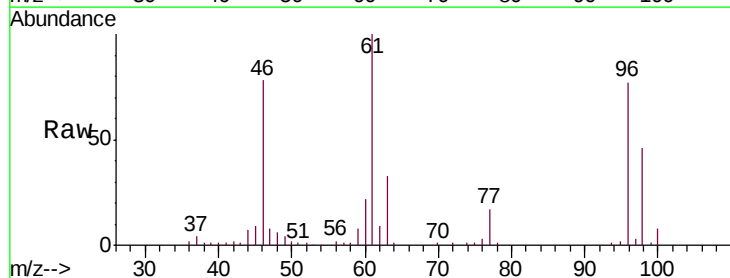
Tgt Ion: 96 Resp: 49749

Ion Ratio Lower Upper

96 100

61 129.8 96.4 179.0

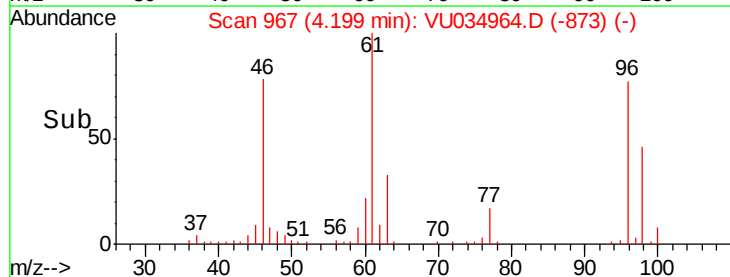
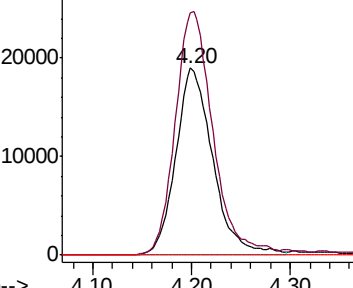
68 0.0 0.0 0.0

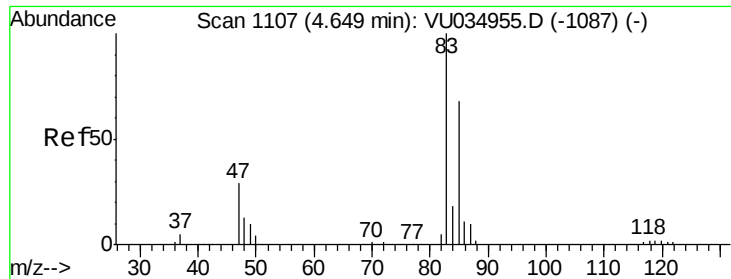


Abundance Ion 96.00 (95.70 to 96.70): VU034955.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU034955.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU034955.D (-949) (-)

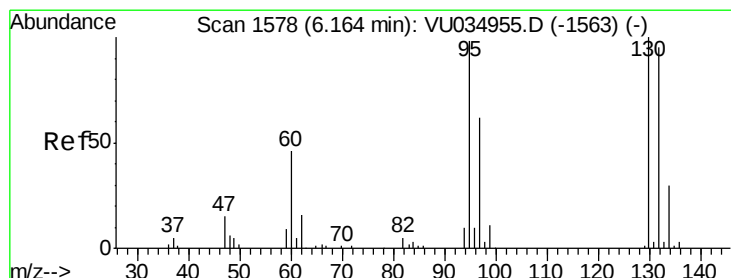
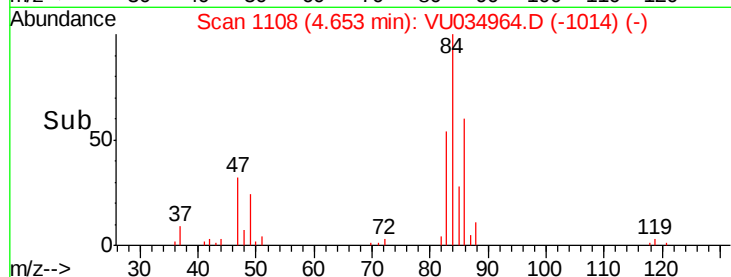
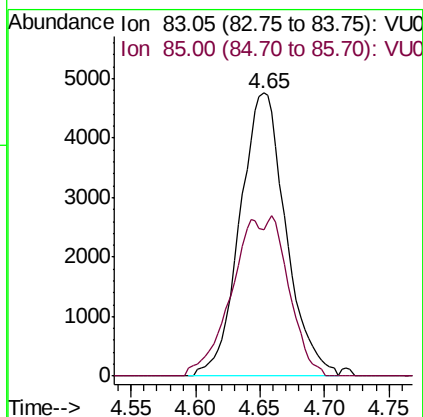
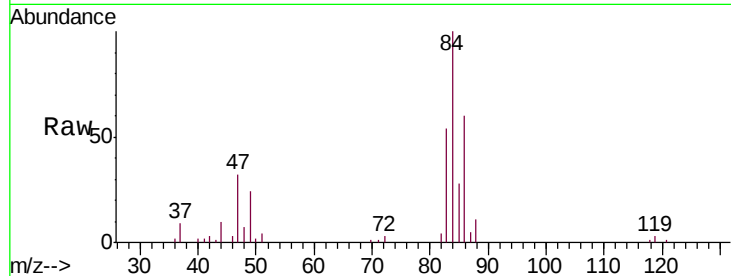




#25
Chloroform
Concen: 0.427 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034964.D
Acq: 07 Oct 2019 16:59

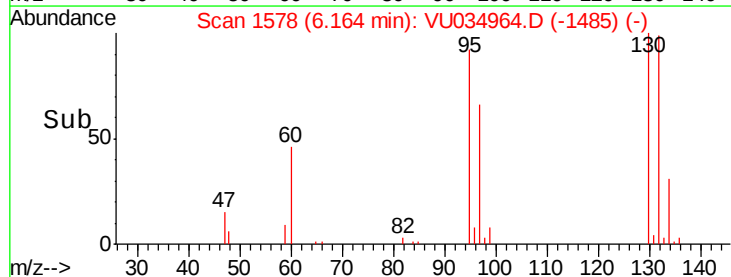
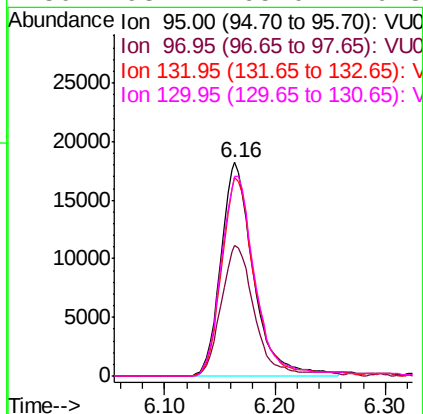
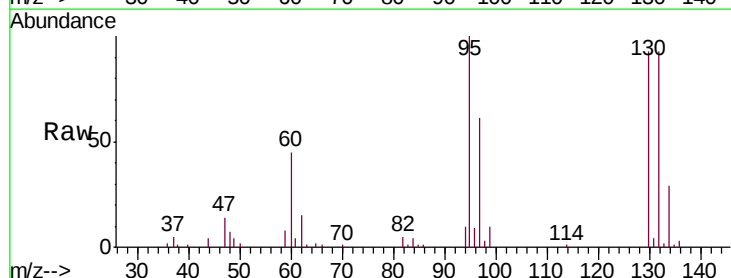
Instrument :
MSVOA_U
ClientSampleId :
DW-2-001-01

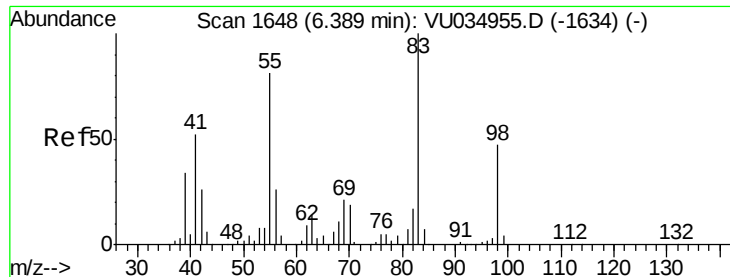
Tgt Ion: 83 Resp: 11811
Ion Ratio Lower Upper
83 100
85 51.6 45.4 84.4



#34
Trichloroethene
Concen: 2.653 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034964.D
Acq: 07 Oct 2019 16:59

Tgt Ion: 95 Resp: 37232
Ion Ratio Lower Upper
95 100
97 61.3 42.5 78.9
132 92.7 65.8 122.2
130 93.2 65.0 120.8

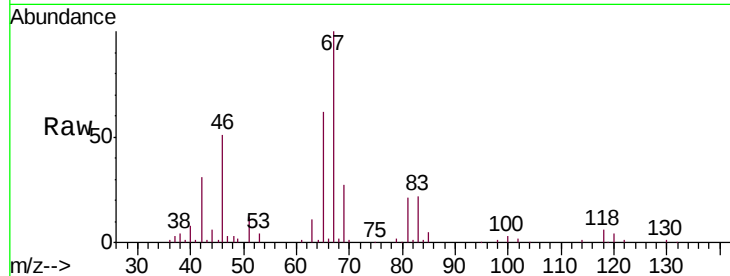




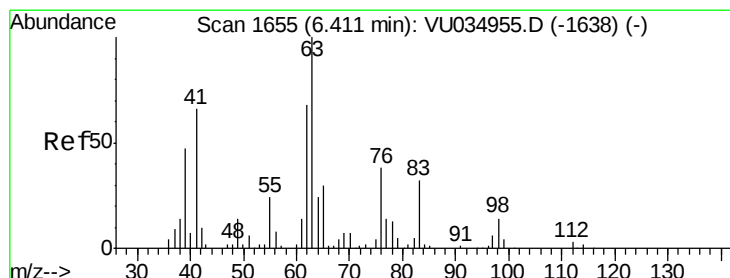
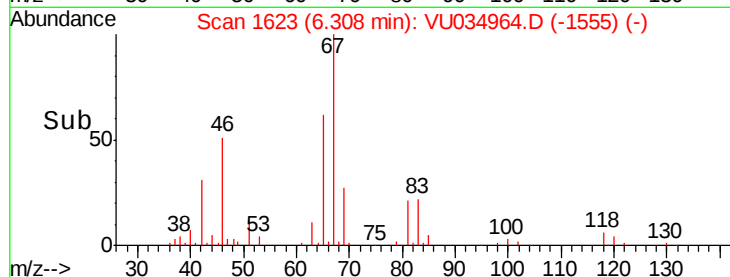
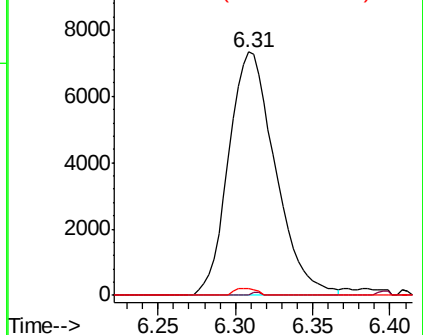
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034964.D
Acq: 07 Oct 2019 16:59

Instrument :
MSVOA_U
ClientSampleId :
DW-2-001-01

Tgt Ion: 83 Resp: 15368
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 1.3 35.5 53.3#

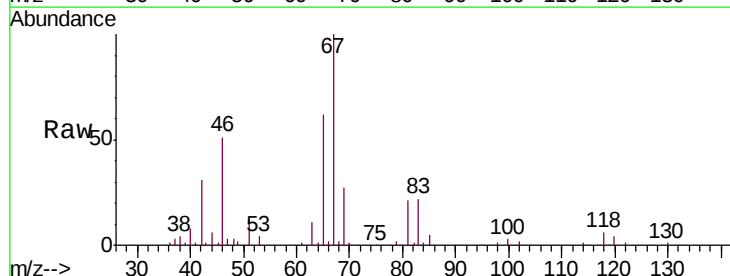


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

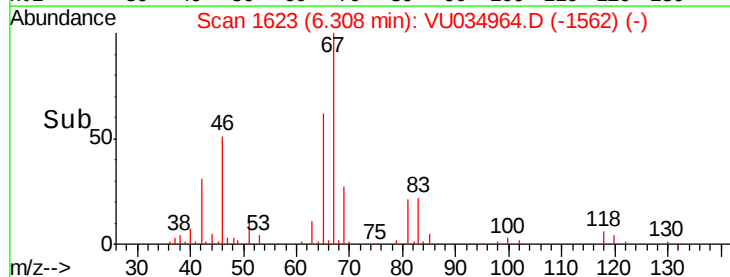
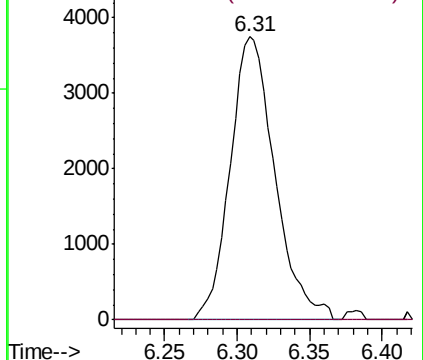


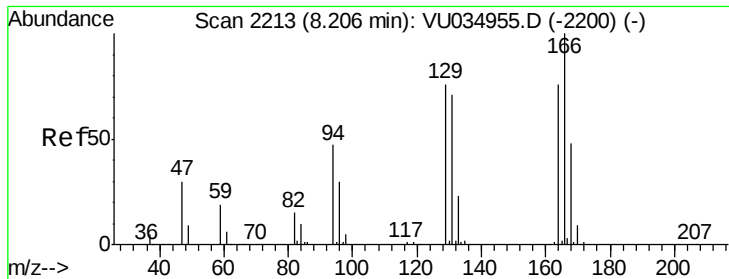
#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034964.D
Acq: 07 Oct 2019 16:59

Tgt Ion: 63 Resp: 8035
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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

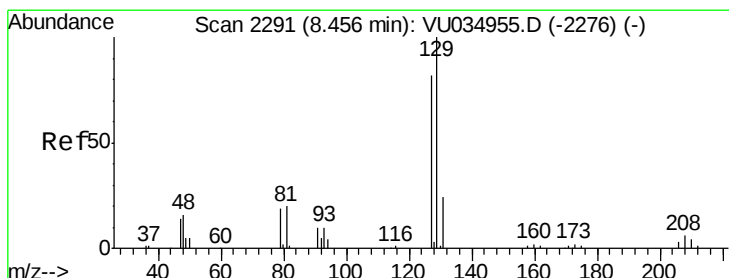
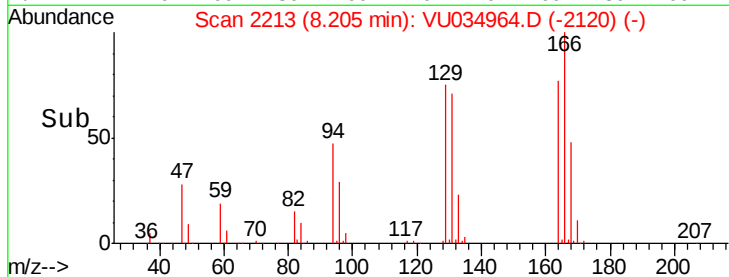
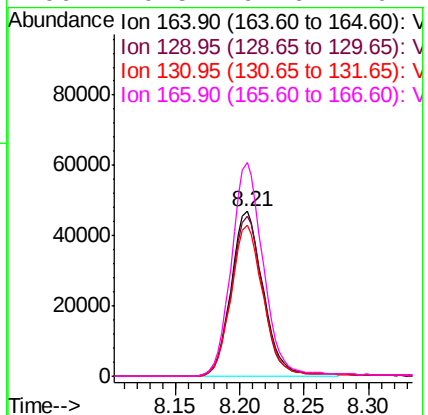
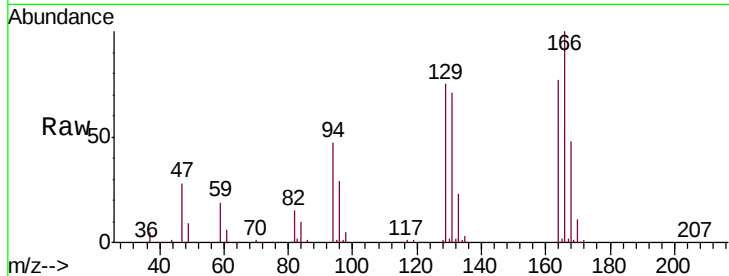




#47
Tetrachloroethene
Concen: 7.168 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034964.D
Acq: 07 Oct 2019 16:59

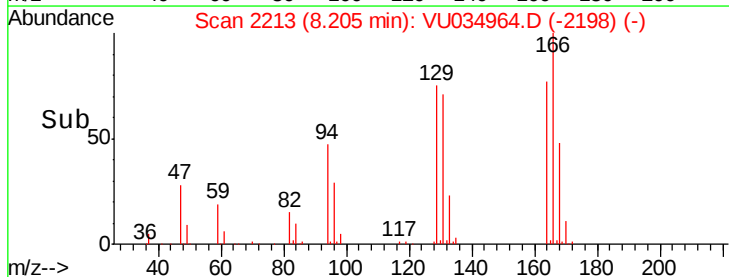
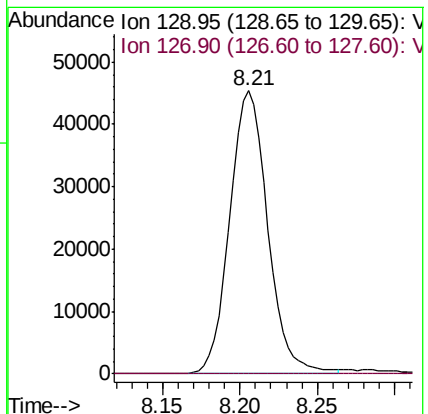
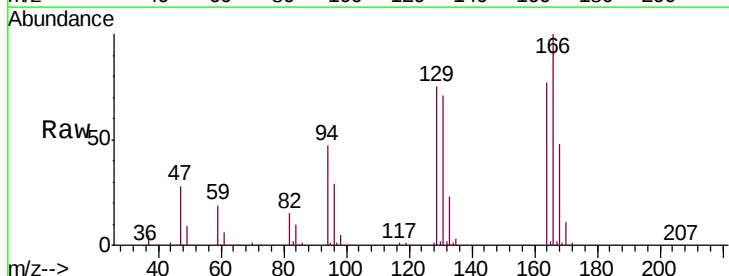
Instrument :
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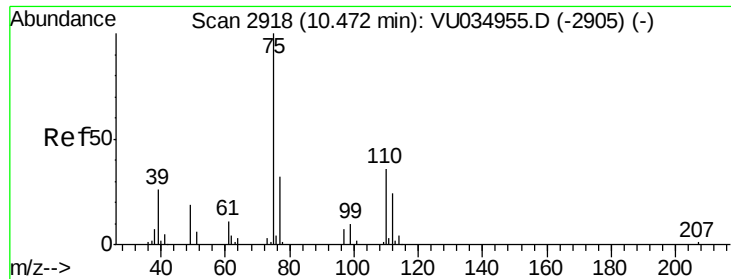
Tgt Ion:	164	Resp:	81428
Ion	Ratio	Lower	Upper
164	100		
129	96.7	66.5	123.5
131	91.6	63.3	117.7
166	129.5	91.6	170.2



#49
Dibromochloromethane
Concen: 6.877 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034964.D
Acq: 07 Oct 2019 16:59

Tgt Ion:	129	Resp:	77472
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.2	95.0#





#59

1,2,3-Trichloropropane

Concen: 0.950 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034964.D

Acq: 07 Oct 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

DW-2-001-01

Tgt Ion: 75 Resp: 9031

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.6

