

Data File : VU035219.D
Acq On : 17 Oct 2019 18:44
Operator : JC/SP
Sample : K5318-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CG3

Quant Time: Oct 18 03:50:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	379786	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	362700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	155345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119035	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.93	69	106892	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.59	63	166807	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.72	46	316366	47.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.08%
24) Chloroform-d	5.12	84	212627	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.75	65	121562	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	443242	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.74	67	139643	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.93	98	423032	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	8.22	79	61996	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.69	63	270051	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	115106	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	146782	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

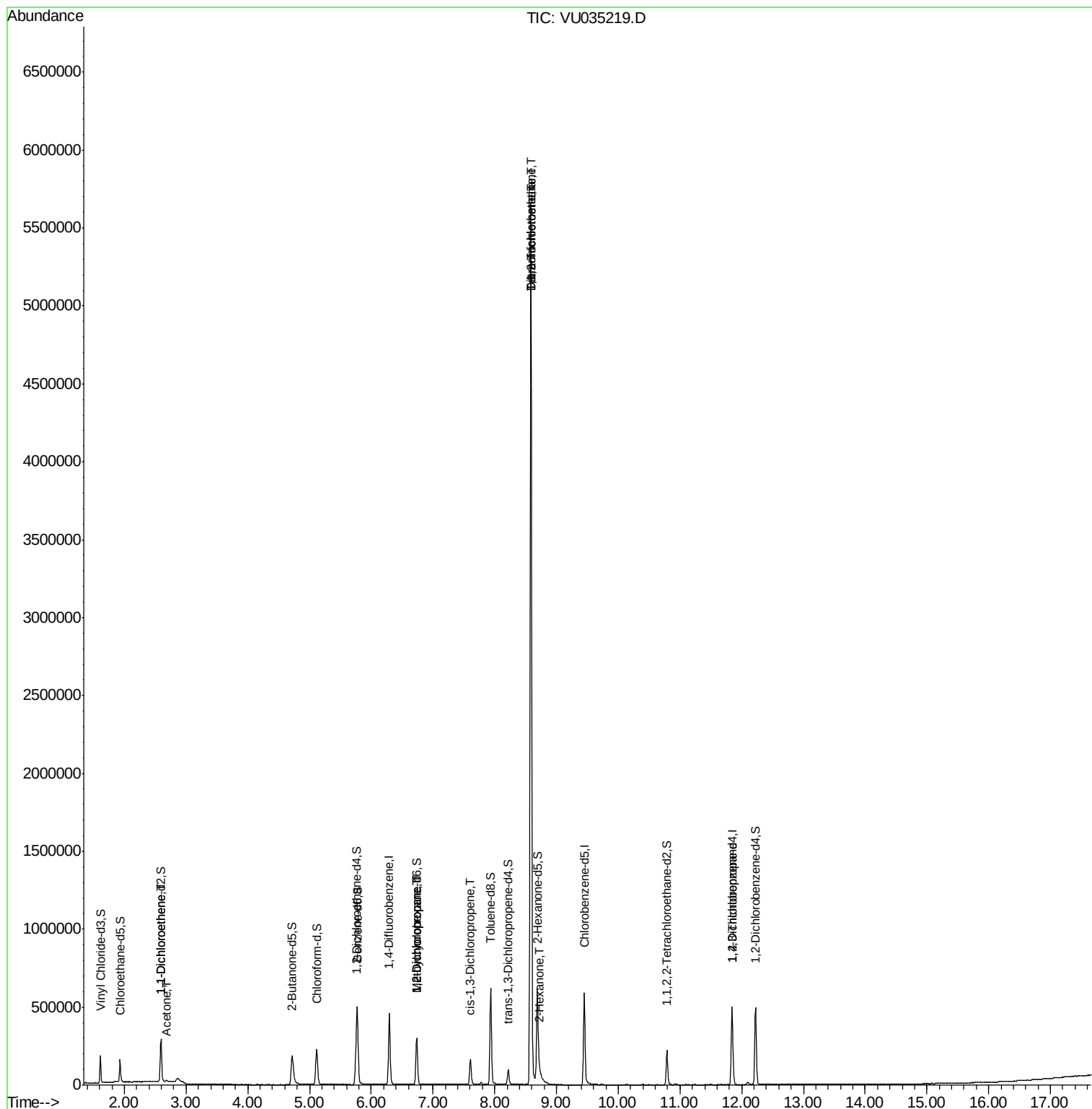
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1818	0.075 ug/L #	1
13) Acetone	2.69	43	10562	2.282 ug/L	96
35) Methylcyclohexane	6.74	83	33449	0.698 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15731	0.581 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3854	0.085 ug/L #	6
45) 1,1,2-Trichloroethane	8.58	97	10550	0.525 ug/L #	1
47) Tetrachloroethene	8.58	164	1306060	54.642 ug/L	99
48) 2-Hexanone	8.74	43	12583	0.981 ug/L #	74
49) Dibromochloromethane	8.58	129	1168803	45.837 ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	18984	1.006 ug/L #	88

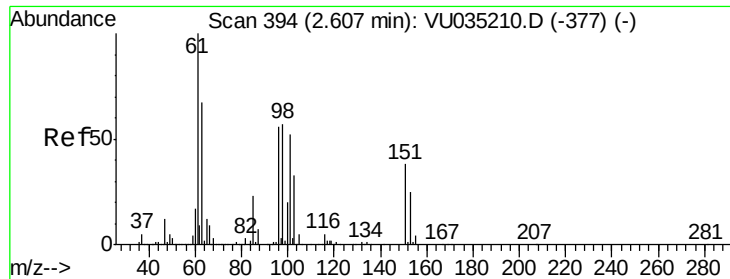
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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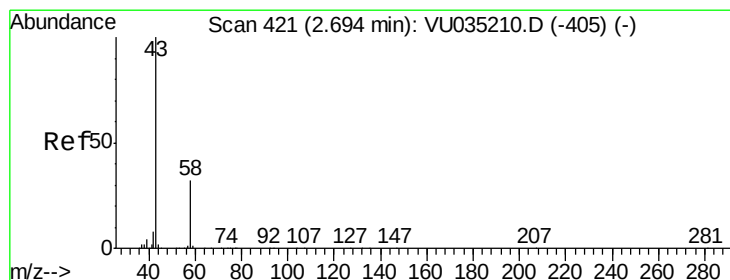
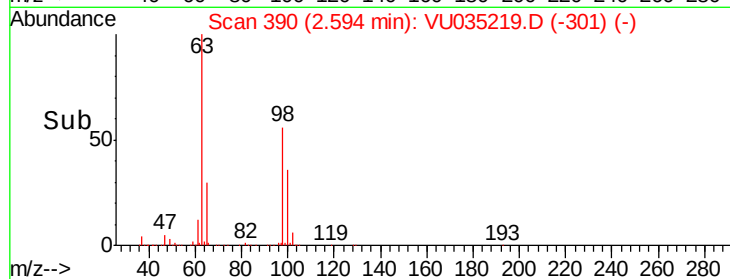
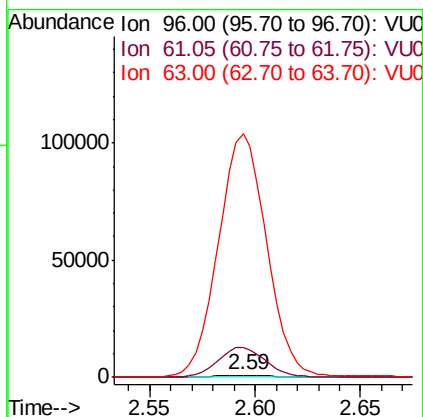
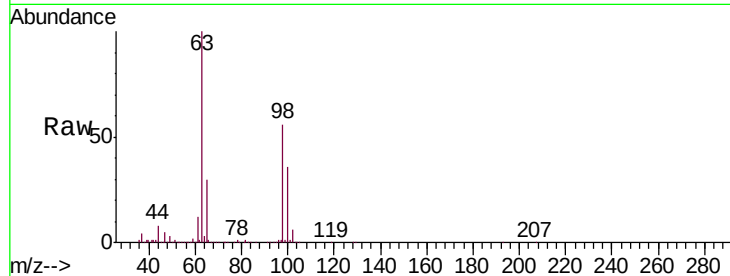




#12
 1,1-Dichloroethene
 Concen: 0.075 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035219.D
 Acq: 17 Oct 2019 18:44

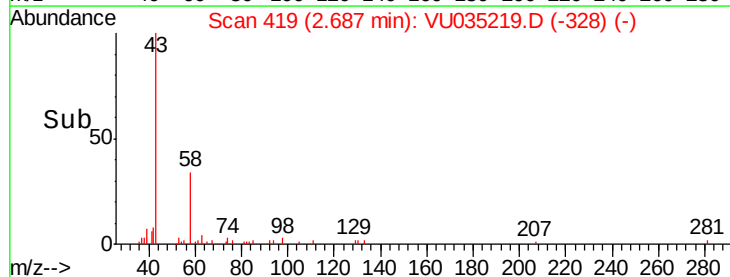
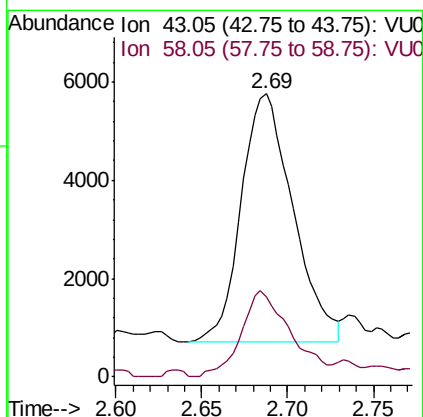
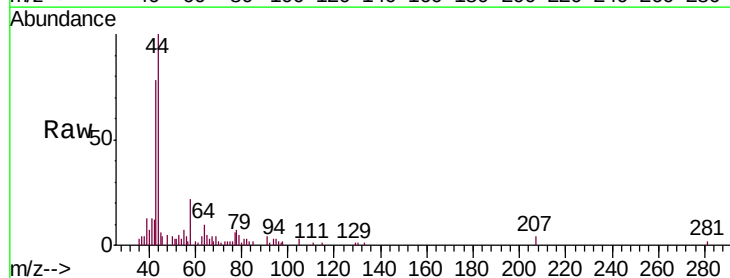
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CG3

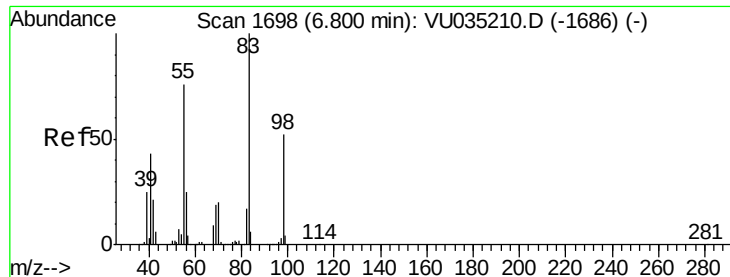
Tgt Ion: 96 Resp: 1818
 Ion Ratio Lower Upper
 96 100
 61 1344.5 120.6 224.0#
 63 11018.5 86.8 161.2#



#13
 Acetone
 Concen: 2.282 ug/L
 RT: 2.69 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VU035219.D
 Acq: 17 Oct 2019 18:44

Tgt Ion: 43 Resp: 10562
 Ion Ratio Lower Upper
 43 100
 58 32.9 0.0 61.8

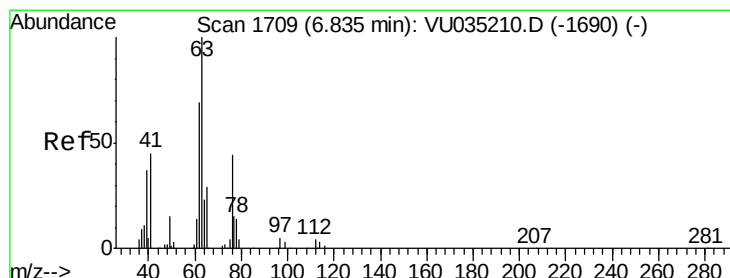
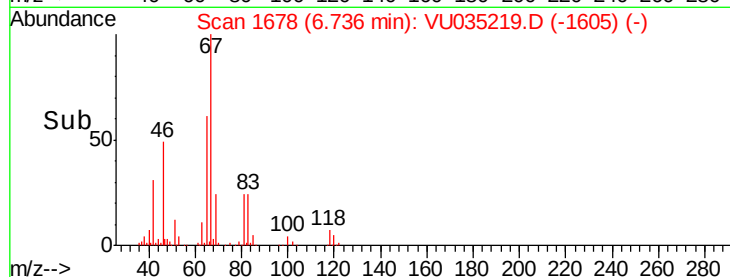
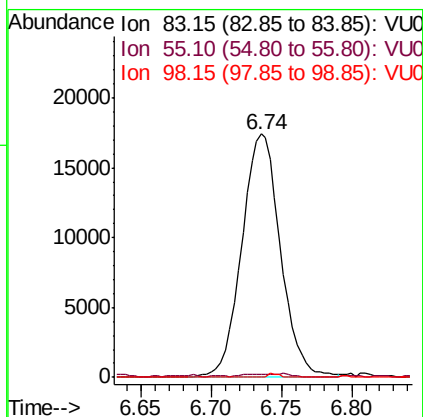
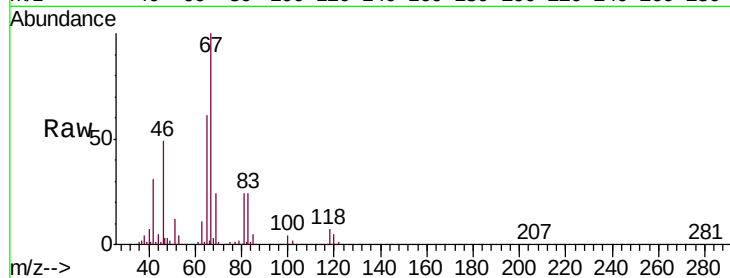




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035219.D
Acq: 17 Oct 2019 18:44

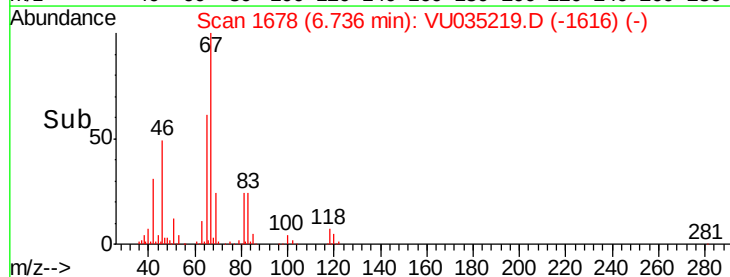
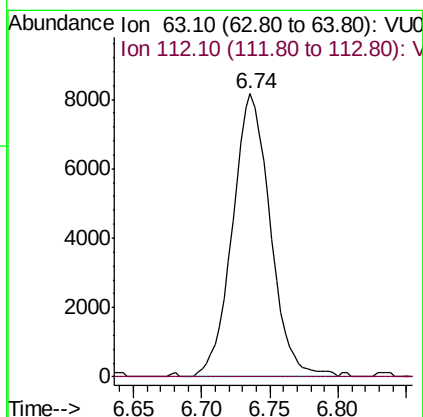
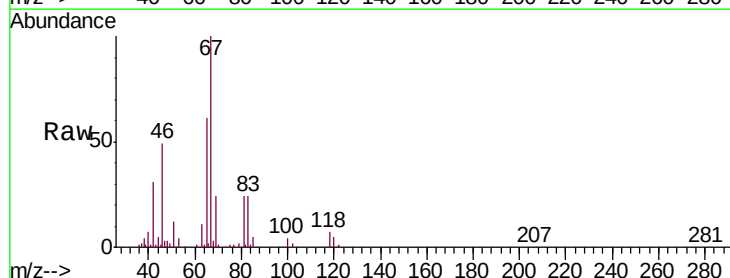
Instrument :
MSVOA_U
ClientSampleId :
C0CG3

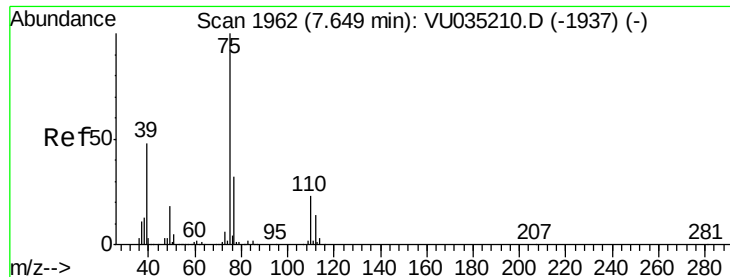
Tgt Ion: 83 Resp: 33449
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 0.4 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035219.D
Acq: 17 Oct 2019 18:44

Tgt Ion: 63 Resp: 15731
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035219.D

Acq: 17 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

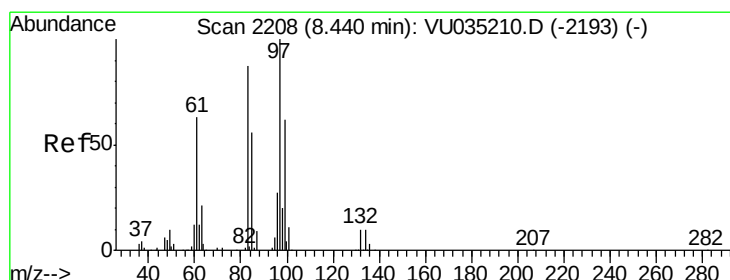
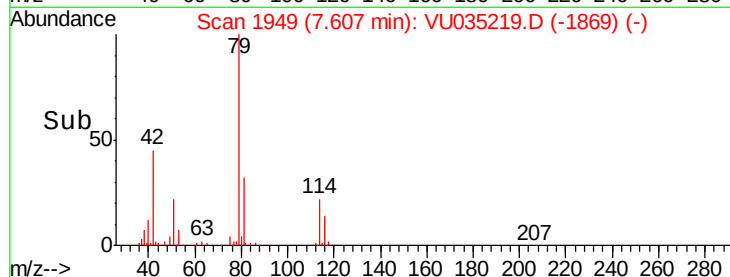
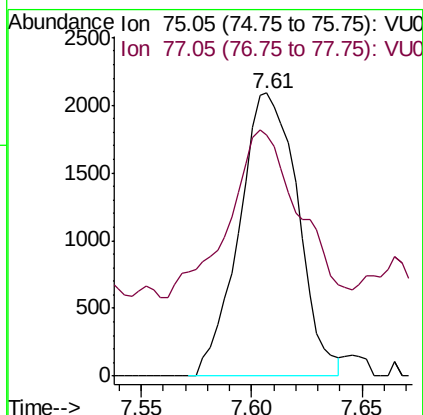
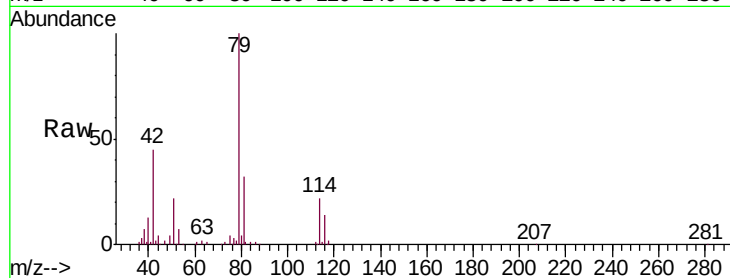
C0CG3

Tgt Ion: 75 Resp: 3854

Ion Ratio Lower Upper

75 100

77 85.3 22.7 42.1#



#45

1,1,2-Trichloroethane

Concen: 0.525 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.14 min

Lab File: VU035219.D

Acq: 17 Oct 2019 18:44

Tgt Ion: 97 Resp: 10550

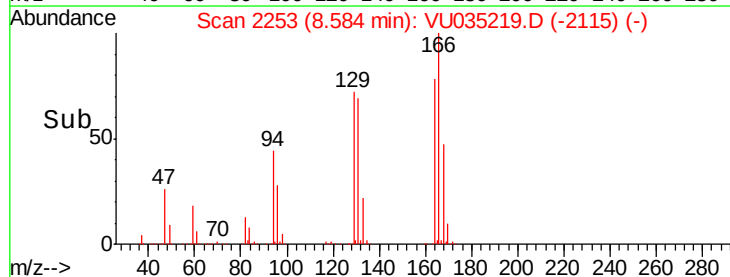
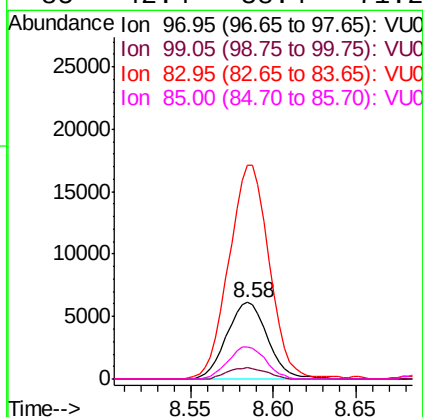
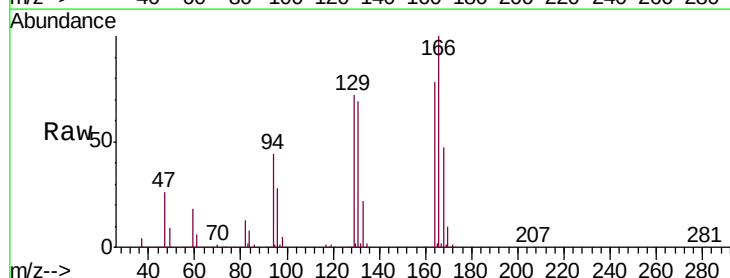
Ion Ratio Lower Upper

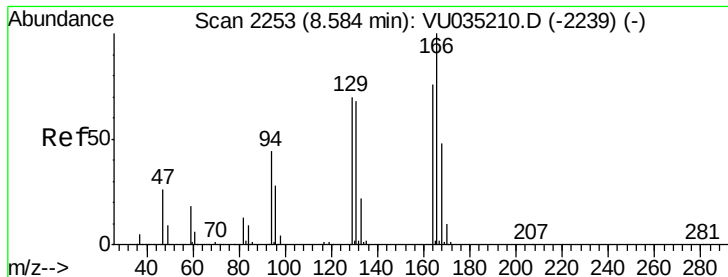
97 100

99 14.3 42.9 79.7#

83 279.2 60.4 112.2#

85 42.4 38.4 71.2





#47

Tetrachloroethene

Concen: 54.642 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035219.D

Acq: 17 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampled :

C0CG3

Tgt Ion:164 Resp: 1306060

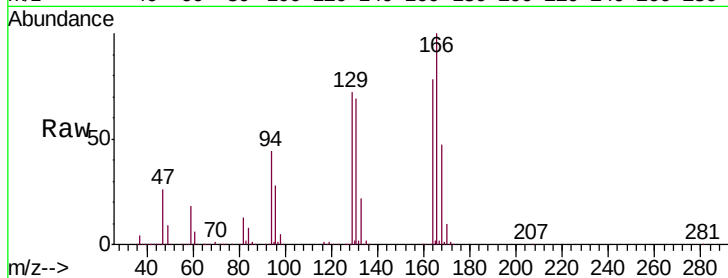
Ion Ratio Lower Upper

164 100

129 92.4 65.2 121.0

131 88.3 62.9 116.9

166 128.7 91.5 169.9

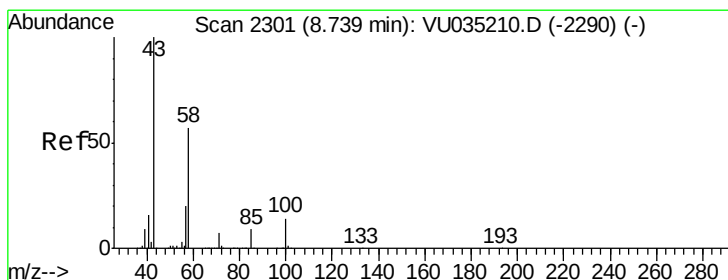
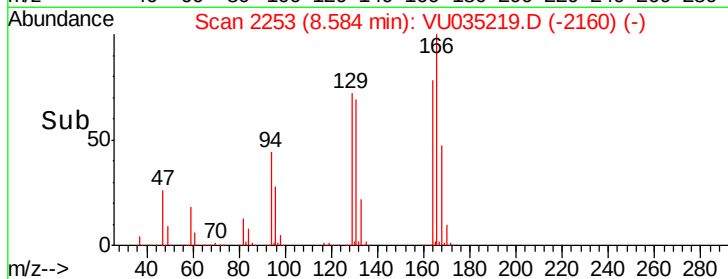
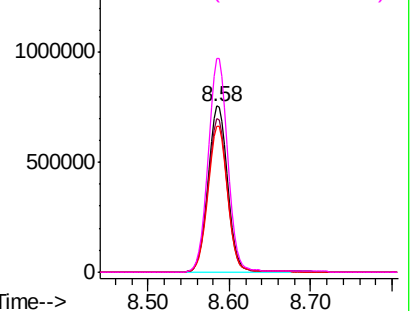


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.981 ug/L

RT: 8.74 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VU035219.D

Acq: 17 Oct 2019 18:44

Tgt Ion: 43 Resp: 12583

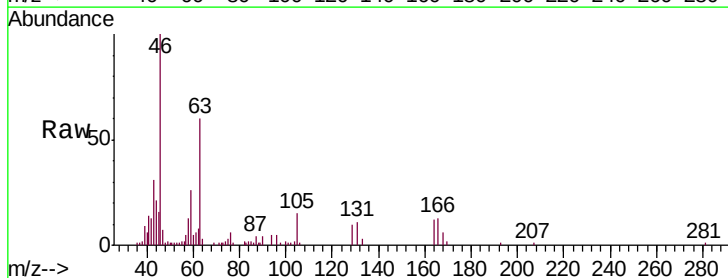
Ion Ratio Lower Upper

43 100

58 40.0 45.1 67.7#

57 0.0 16.0 24.0#

100 6.8 10.4 15.6#

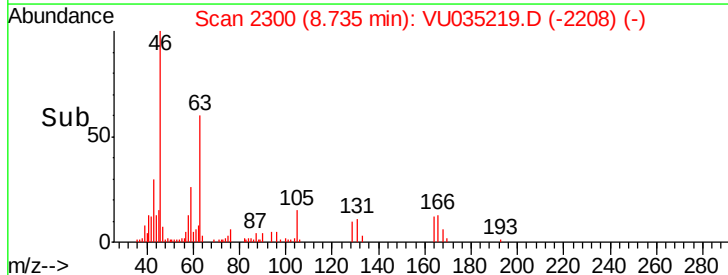
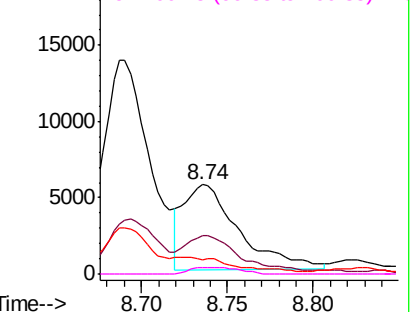


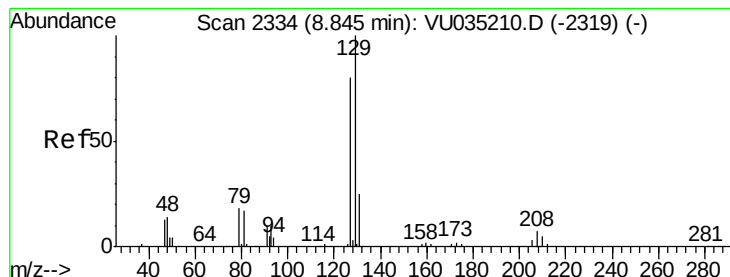
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 45.837 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU035219.D

Acq: 17 Oct 2019 18:44

Instrument :

MSVOA_U

ClientSampleId :

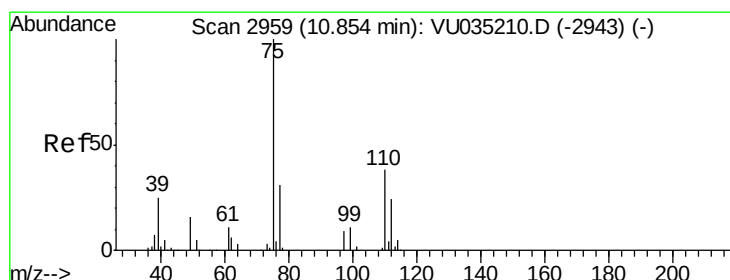
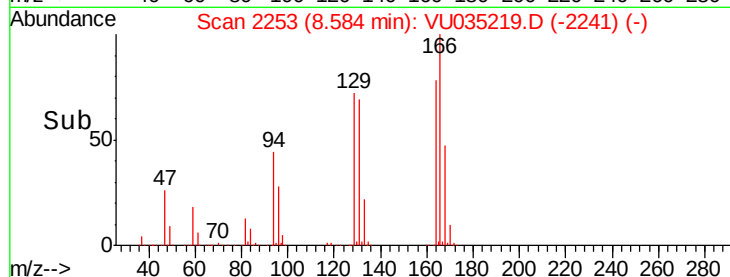
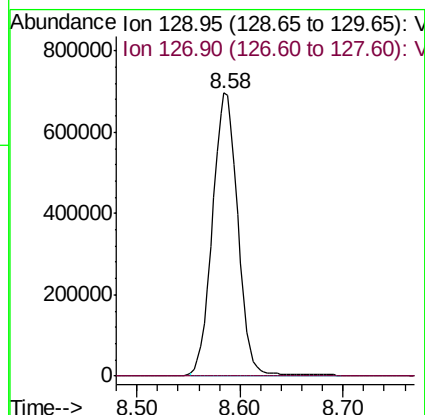
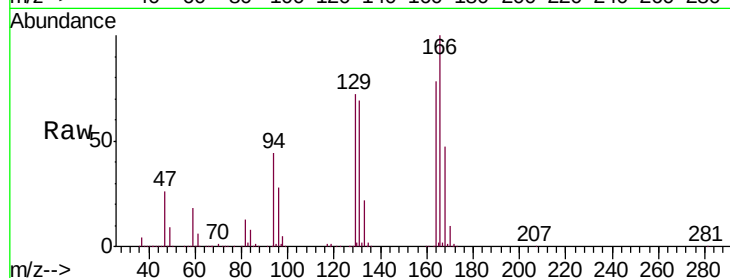
C0CG3

Tgt Ion:129 Resp: 1168803

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



#59

1,2,3-Trichloropropane

Concen: 1.006 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035219.D

Acq: 17 Oct 2019 18:44

Tgt Ion: 75 Resp: 18984

Ion Ratio Lower Upper

75 100

77 39.5 26.2 39.2#

