

Data File : VU035428.D
Acq On : 23 Oct 2019 23:47
Operator : JC/SP
Sample : K5488-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G54

Quant Time: Oct 24 05:26:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214562	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	224910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72547	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	56294	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.94	69	58918	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.60	63	78246	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.70	46	236735	62.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.94%
24) Chloroform-d	5.11	84	127782	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.75	65	76374	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.77	84	239088	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.74	67	89244	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.93	98	198239	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.22	79	31489	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.69	63	162400	46.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85007	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	66090	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

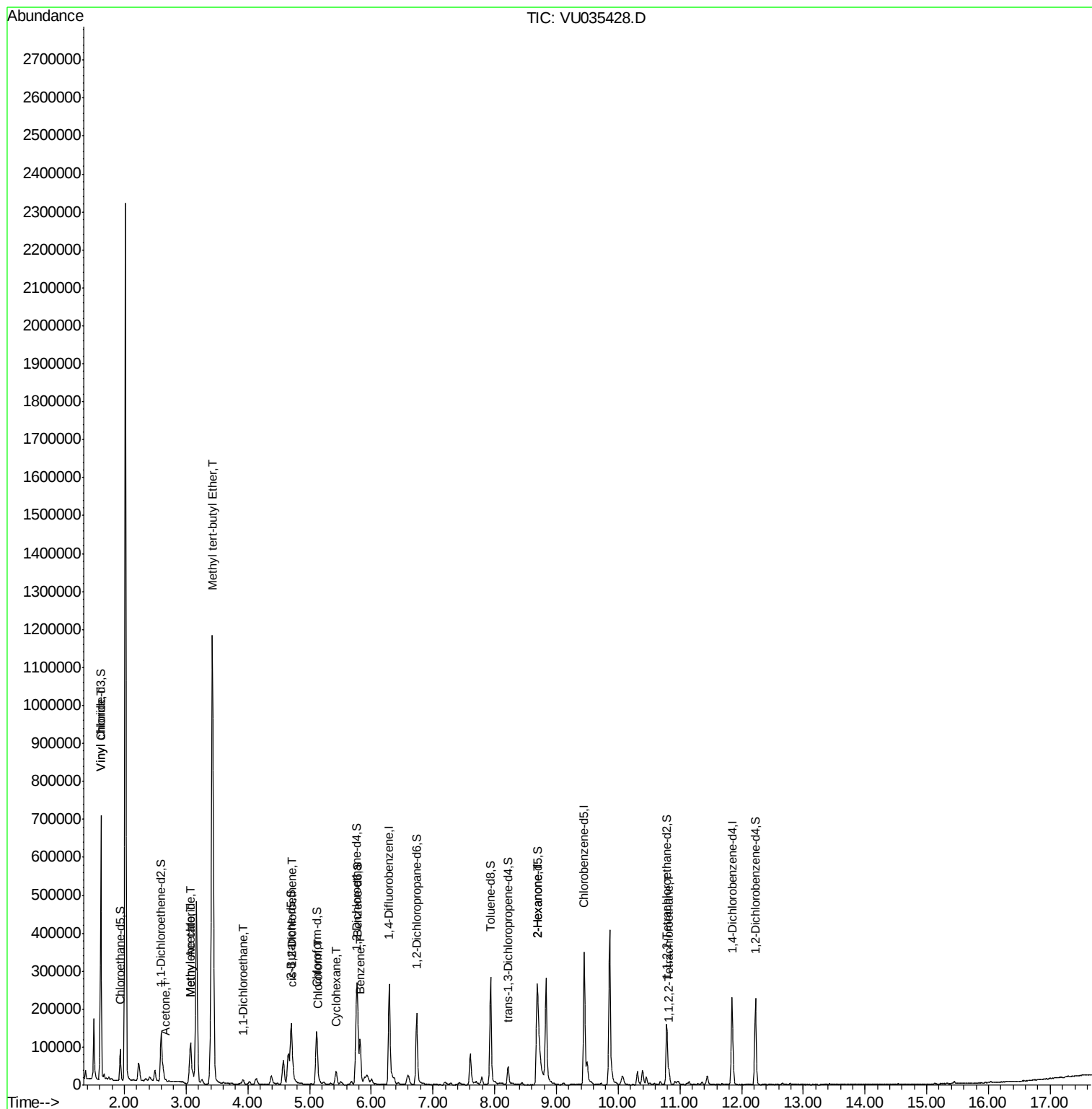
					Qvalue
5) Vinyl chloride	1.62	62	74266	3.992 ug/L	96
13) Acetone	2.67	43	3473	1.328 ug/L	97
15) Methyl Acetate	3.07	43	72381	11.108 ug/L #	50
16) Methylene chloride	3.08	84	1868	0.113 ug/L #	1
17) Methyl tert-butyl Ether	3.43	73	1286069	34.665 ug/L	95
19) 1,1-Dichloroethane	3.92	63	14228	0.529 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	6771	0.412 ug/L	97
25) Chloroform	5.14	83	9944	0.337 ug/L	97
30) Cyclohexane	5.43	56	15675	0.556 ug/L	97
33) Benzene	5.82	78	106233	1.605 ug/L	100
48) 2-Hexanone	8.69	43	17184	2.161 ug/L #	59
58) 1,1,2,2-Tetrachloroethane	10.82	83	1551	0.097 ug/L #	80

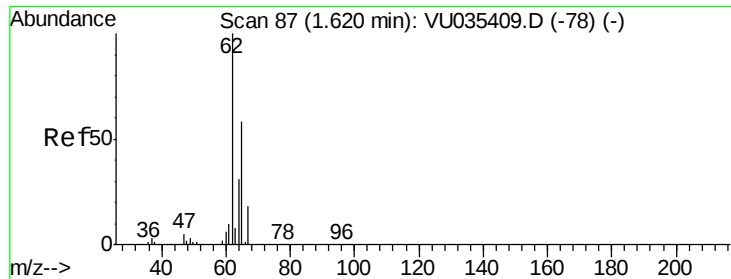
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035428.D
Acq On : 23 Oct 2019 23:47
Operator : JC/SP
Sample : K5488-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G54

Quant Time: Oct 24 05:26:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.992 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035428.D

Acq: 23 Oct 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

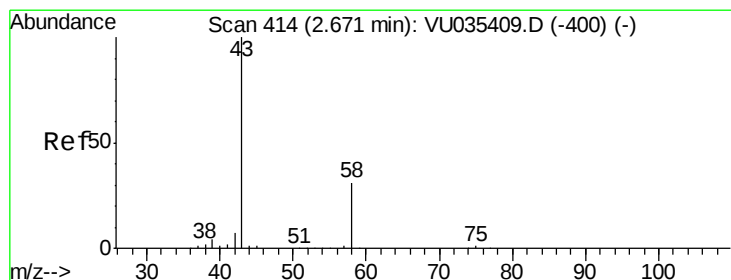
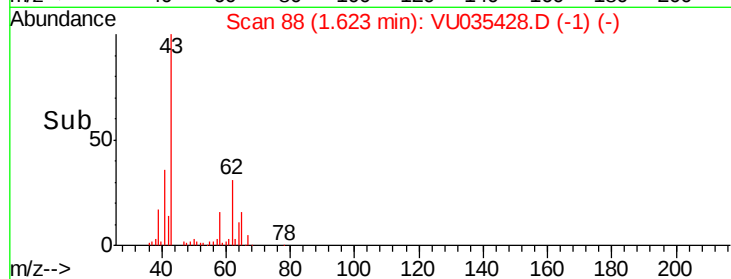
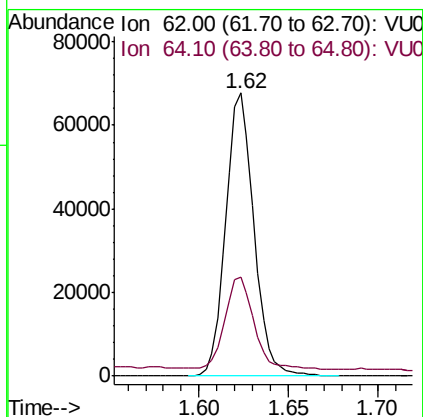
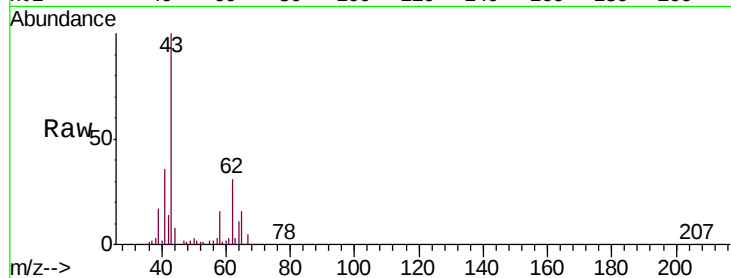
H0G54

Tgt Ion: 62 Resp: 74266

Ion Ratio Lower Upper

62 100

64 35.1 22.9 42.5



#13

Acetone

Concen: 1.328 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035428.D

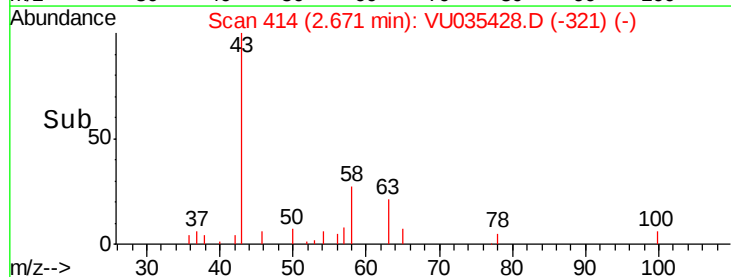
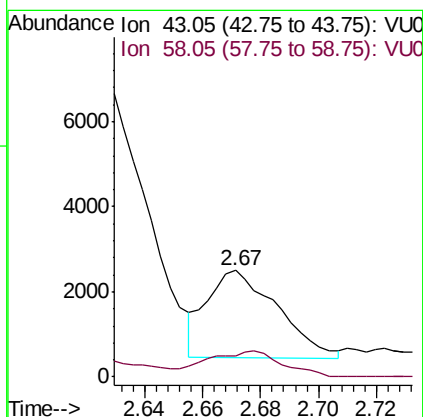
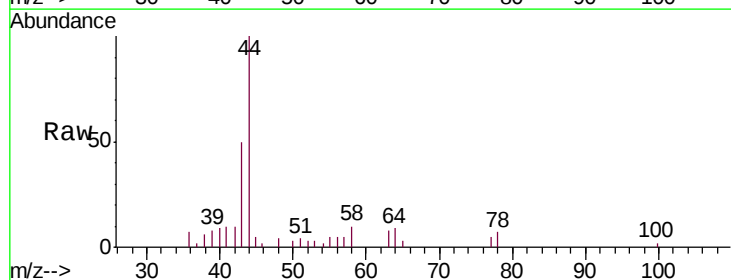
Acq: 23 Oct 2019 23:47

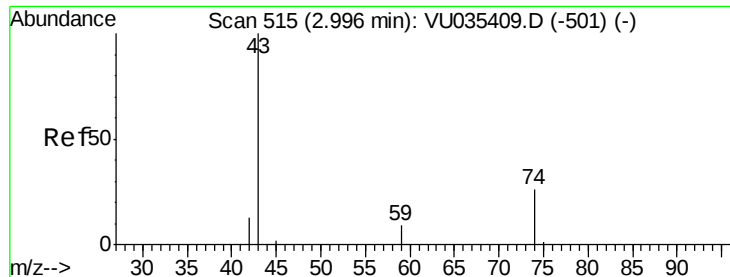
Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

43 100

58 32.3 0.0 61.8





#15

Methyl Acetate

Concen: 11.108 ug/L

RT: 3.07 min Scan# 539

Delta R.T. 0.08 min

Lab File: VU035428.D

Acq: 23 Oct 2019 23:47

Instrument :

MSVOA_U

ClientSampled :

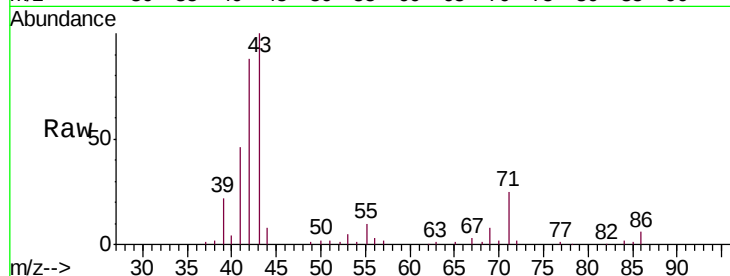
H0G54

Tgt Ion: 43 Resp: 72381

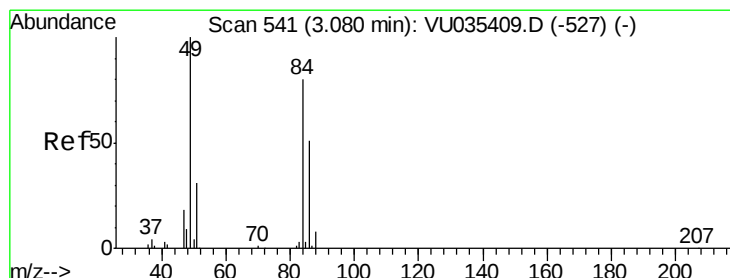
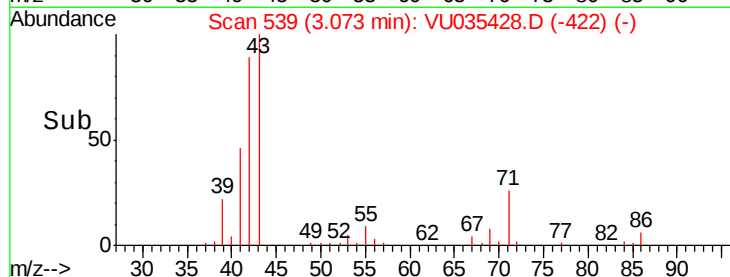
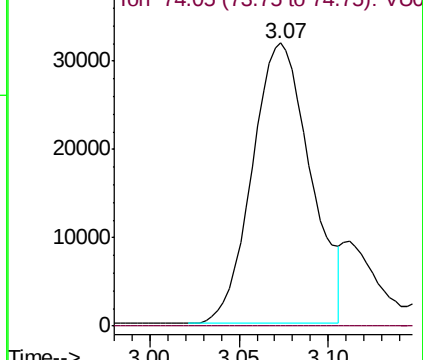
Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#



Abundance Ion 43.05 (42.75 to 43.75): VU035428.D (-422) (-)



#16

Methylene chloride

Concen: 0.113 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU035428.D

Acq: 23 Oct 2019 23:47

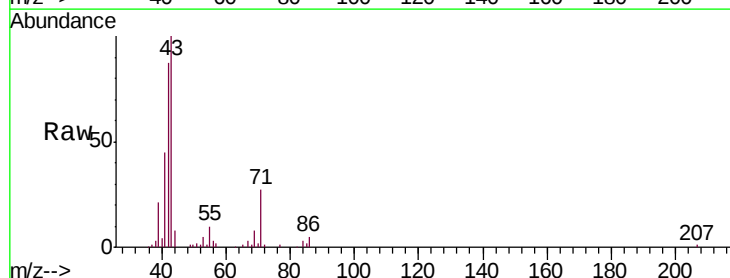
Tgt Ion: 84 Resp: 1868

Ion Ratio Lower Upper

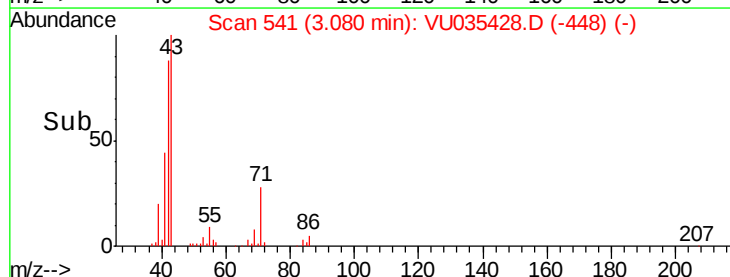
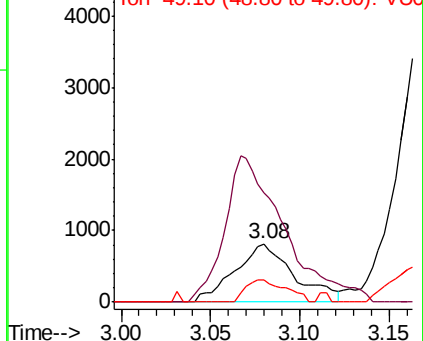
84 100

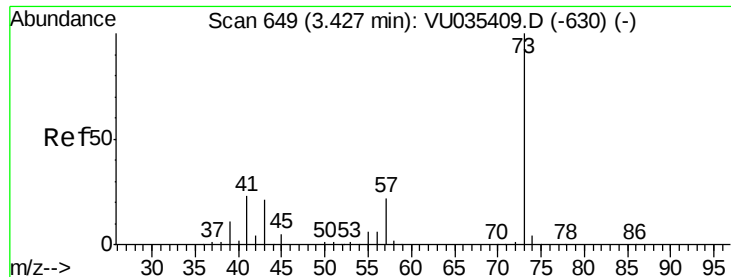
86 187.1 45.4 84.2#

49 37.4 86.8 161.2#



Abundance Ion 84.05 (83.75 to 84.75): VU035428.D (-448) (-)

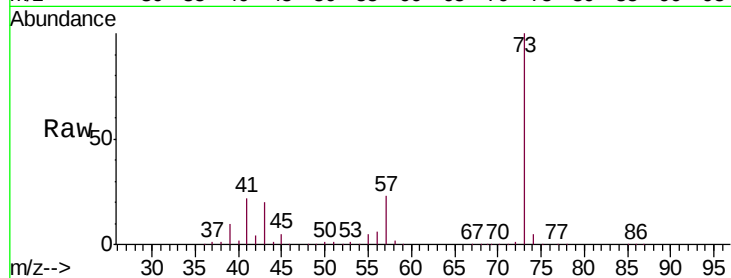




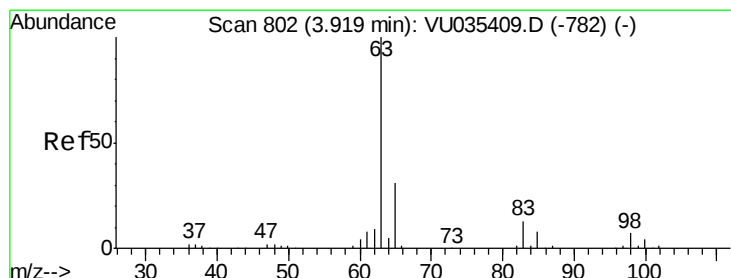
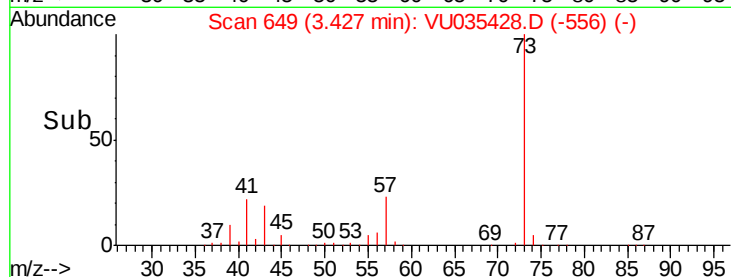
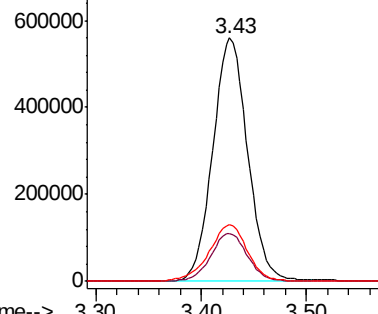
#17
Methyl tert-butyl Ether
Concen: 34.665 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035428.D
Acq: 23 Oct 2019 23:47

Instrument :
MSVOA_U
ClientSampleId :
H0G54

Tgt Ion: 73 Resp: 1286069
Ion Ratio Lower Upper
73 100
43 20.6 16.0 24.0
57 25.8 17.4 26.2

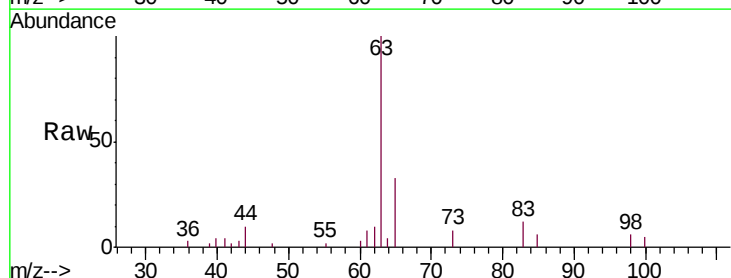


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

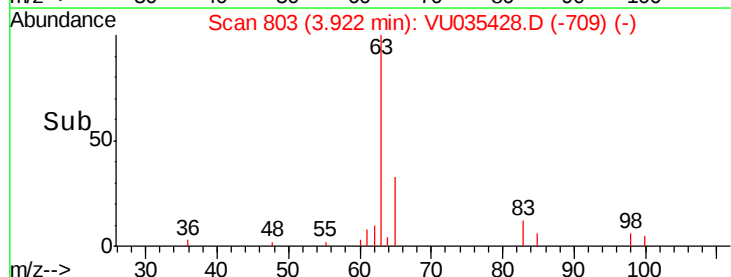
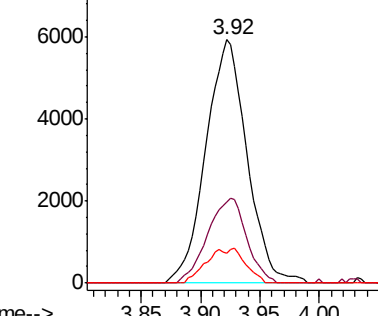


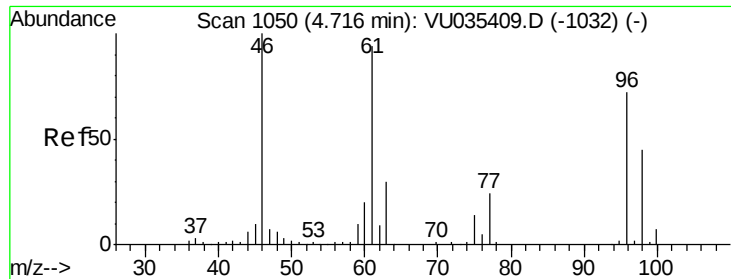
#19
1,1-Dichloroethane
Concen: 0.529 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035428.D
Acq: 23 Oct 2019 23:47

Tgt Ion: 63 Resp: 14228
Ion Ratio Lower Upper
63 100
65 33.1 22.4 41.6
83 12.4 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.412 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035428.D

Acq: 23 Oct 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

H0G54

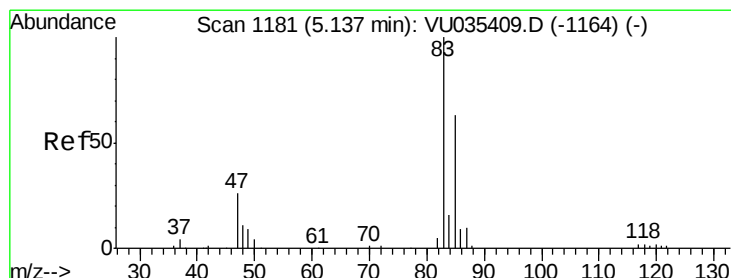
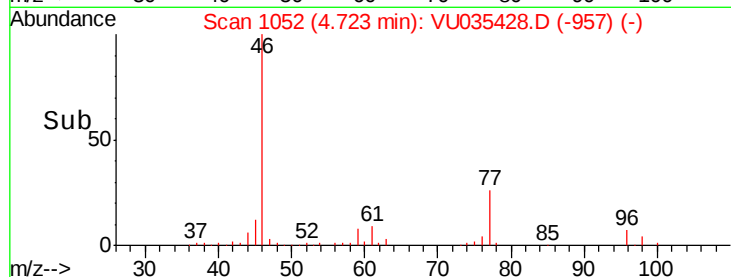
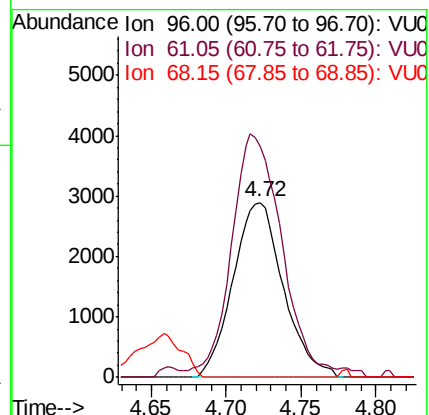
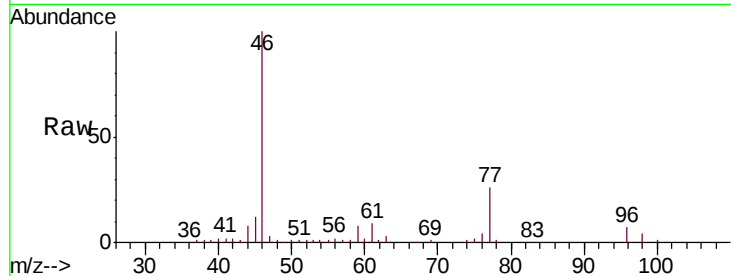
Tgt Ion: 96 Resp: 6771

Ion Ratio Lower Upper

96 100

61 131.8 89.7 166.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.337 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035428.D

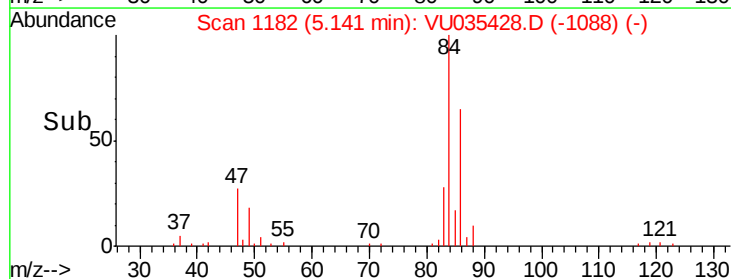
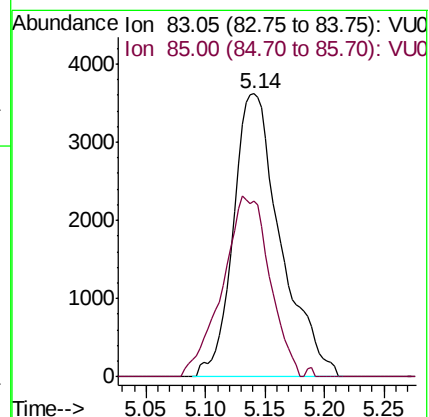
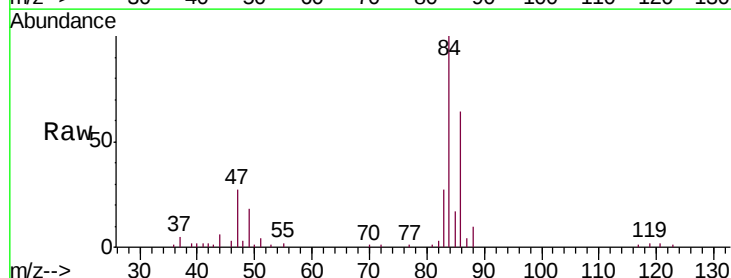
Acq: 23 Oct 2019 23:47

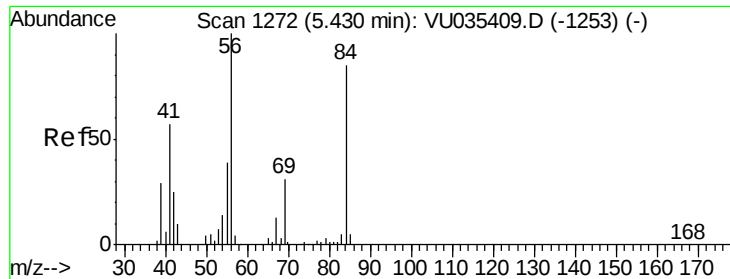
Tgt Ion: 83 Resp: 9944

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.9

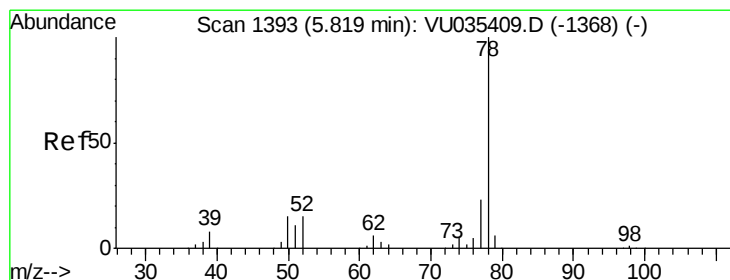
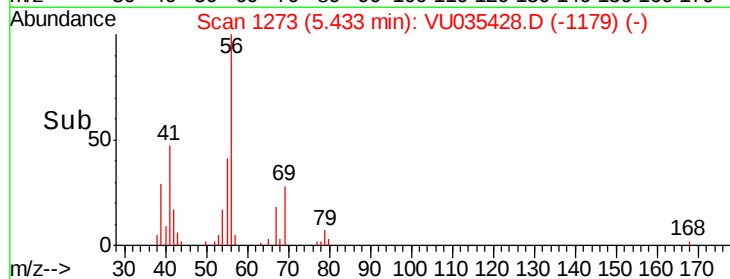
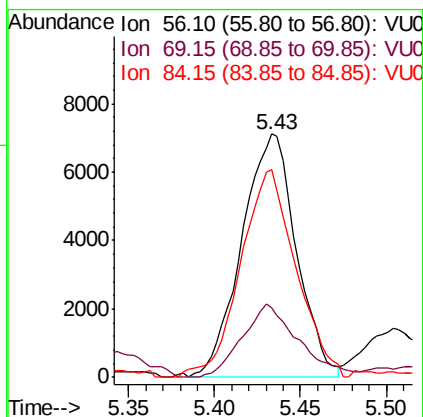
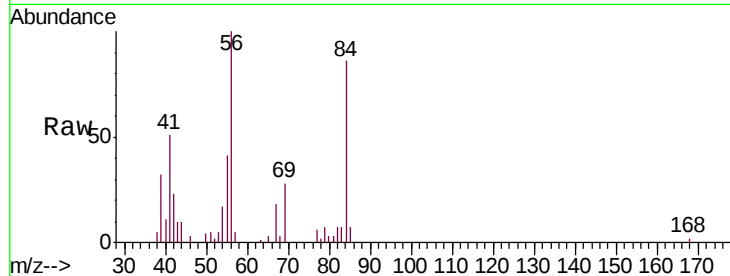




#30
Cyclohexane
Concen: 0.556 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU035428.D
Acq: 23 Oct 2019 23:47

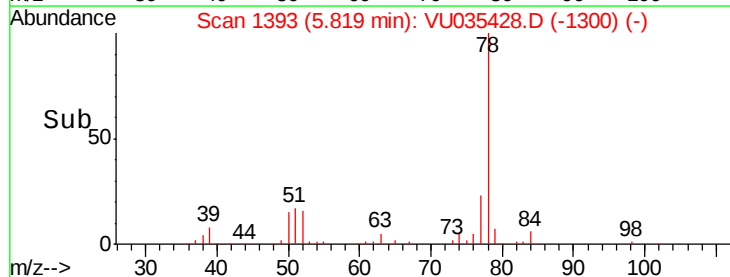
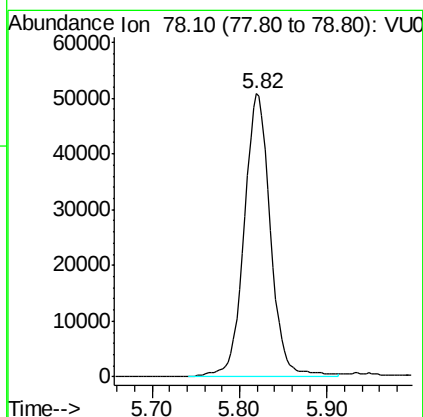
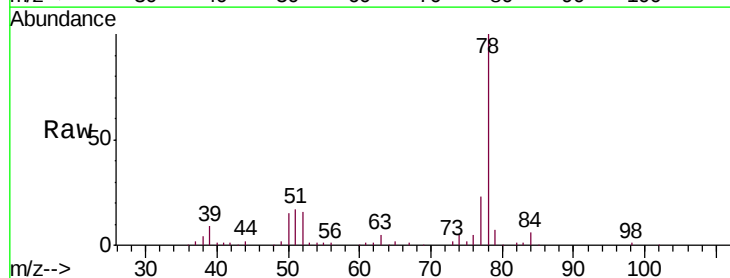
Instrument :
MSVOA_U
ClientSampleId :
H0G54

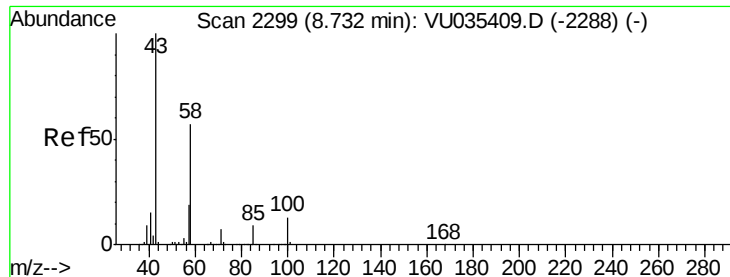
Tgt Ion: 56 Resp: 15675
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 86.3 71.5 107.3



#33
Benzene
Concen: 1.605 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035428.D
Acq: 23 Oct 2019 23:47

Tgt Ion: 78 Resp: 106233

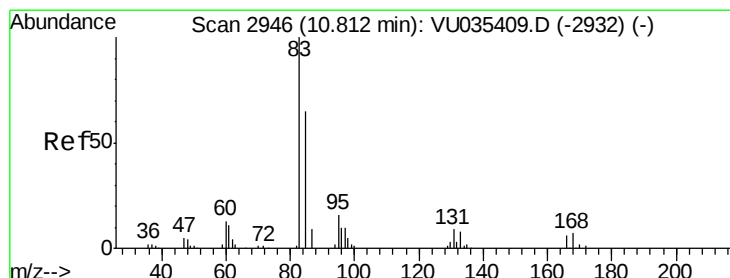
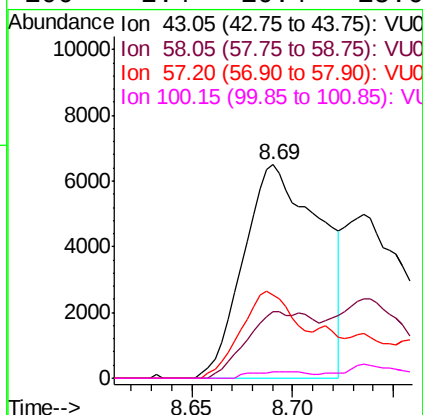
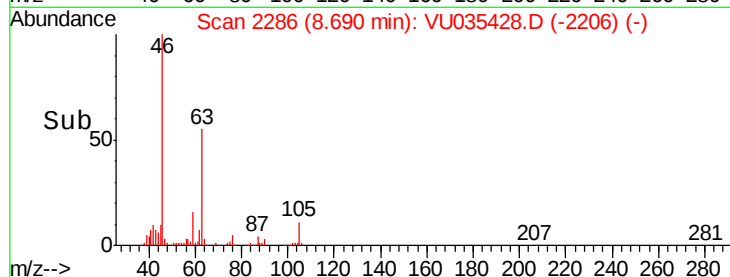
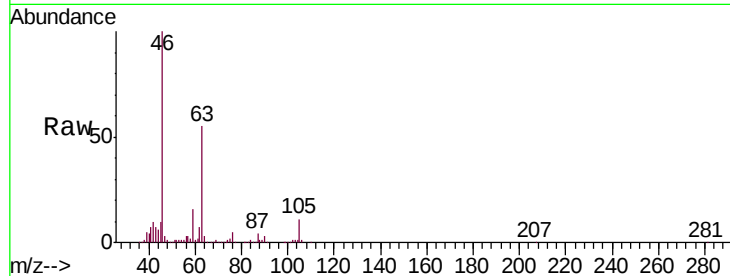




#48
 2-Hexanone
 Concen: 2.161 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: VU035428.D
 Acq: 23 Oct 2019 23:47

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G54

Tgt Ion: 43 Resp: 17184
 Ion Ratio Lower Upper
 43 100
 58 18.7 45.1 67.7#
 57 30.2 16.0 24.0#
 100 2.4 10.4 15.6#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.097 ug/L
 RT: 10.82 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: VU035428.D
 Acq: 23 Oct 2019 23:47

Tgt Ion: 83 Resp: 1551
 Ion Ratio Lower Upper
 83 100
 85 51.2 46.8 86.8
 131 0.0 7.5 11.3#

