

Data File : VU034942.D
Acq On : 04 Oct 2019 18:02
Operator : JC/SP
Sample : K5201-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC1

Quant Time: Oct 05 00:35:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	193973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	189669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	84244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71803	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.67	69	61305	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.26	63	98270	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.17	46	176308	45.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.20%
24) Chloroform-d	4.62	84	121863	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.29	65	69151	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.32	84	250285	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.31	67	84659	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.54	98	233464	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.83	79	26879	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.30	63	136966	48.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	63980	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	82540	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

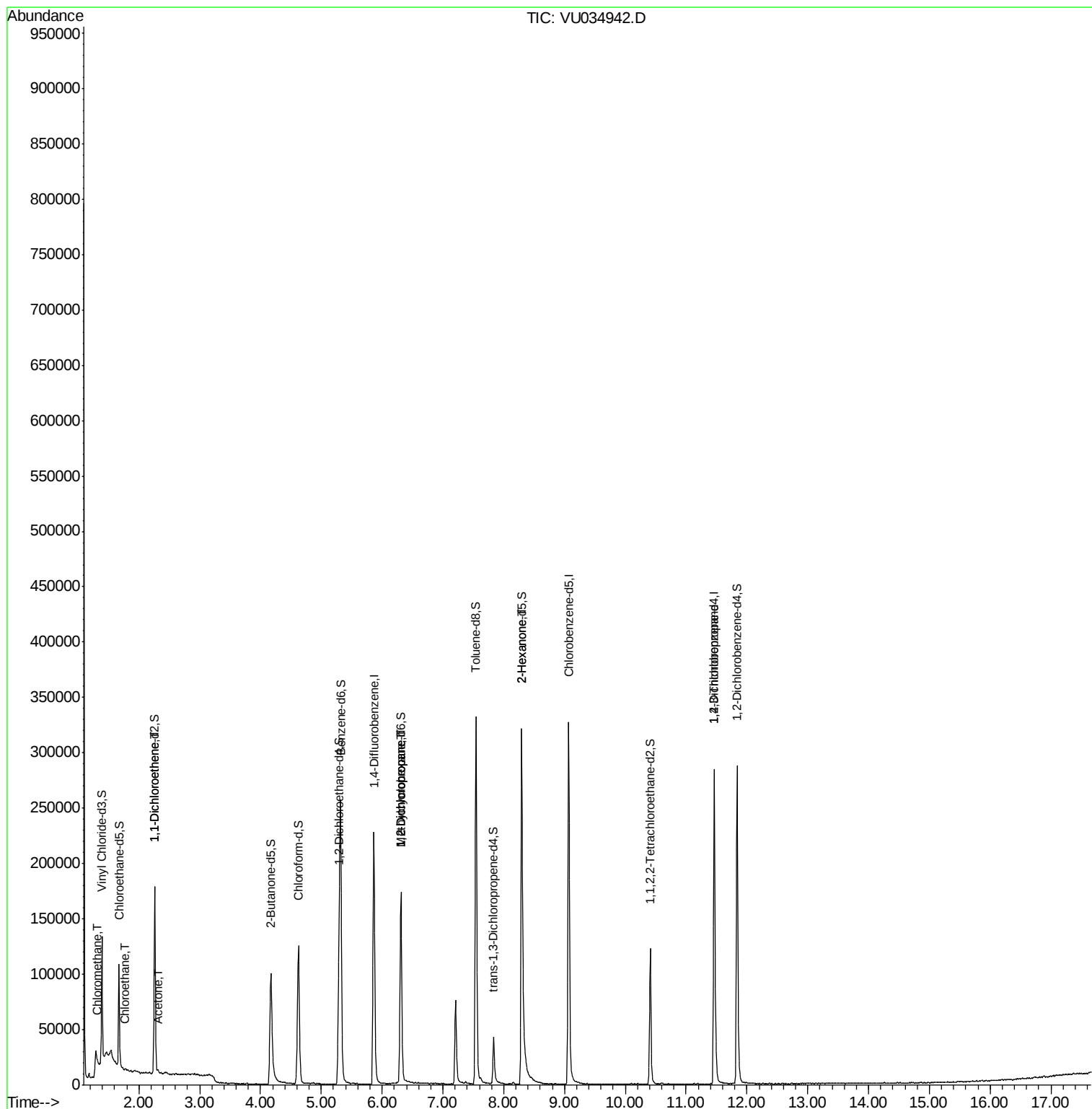
					Qvalue
3) Chloromethane	1.32	50	1325	0.141 ug/L	94
8) Chloroethane	1.77	64	478	0.083 ug/L #	53
12) 1,1-Dichloroethene	2.26	96	785	0.121 ug/L #	1
13) Acetone	2.31	43	4299	1.502 ug/L	92
35) Methylcyclohexane	6.31	83	18488	1.469 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9560	0.735 ug/L #	90
48) 2-Hexanone	8.30	43	16050	2.145 ug/L #	70
59) 1,2,3-Trichloropropane	11.46	75	10739	1.154 ug/L	90

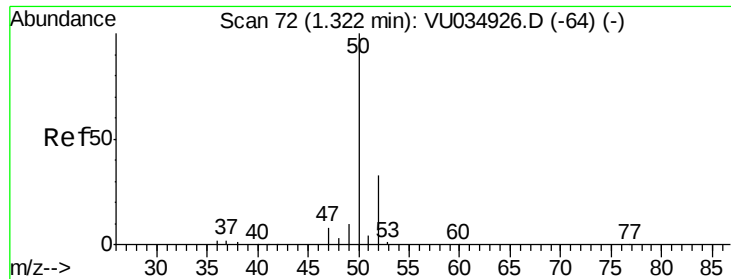
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034942.D

Acq: 04 Oct 2019 18:02

Instrument :

MSVOA_U

ClientSampled :

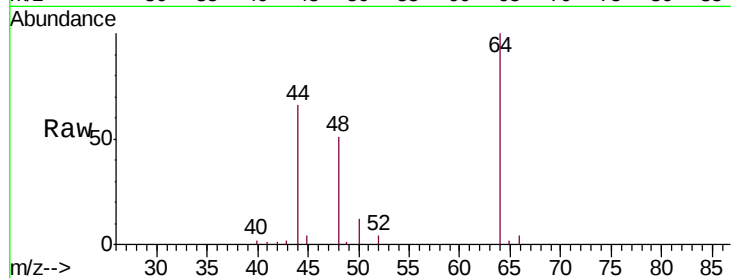
C0AC1

Tgt Ion: 50 Resp: 1325

Ion Ratio Lower Upper

50 100

52 29.0 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VU034942.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034942.D (-64) (-)

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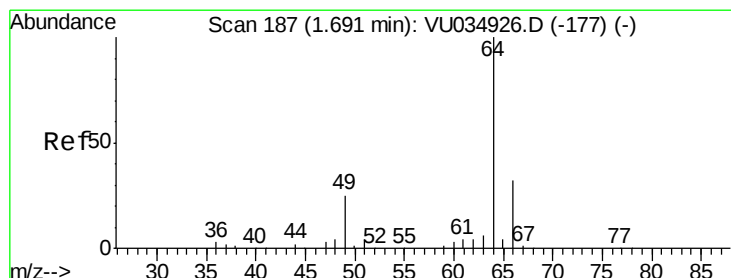
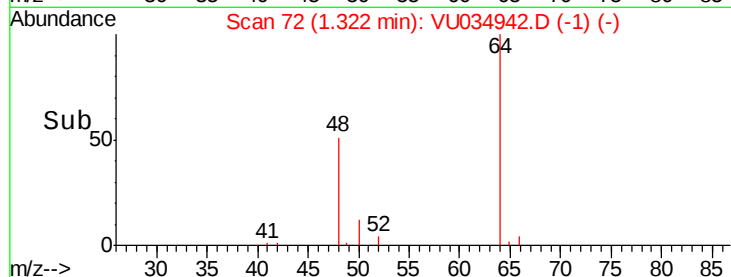
1.32

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#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.07 min

Lab File: VU034942.D

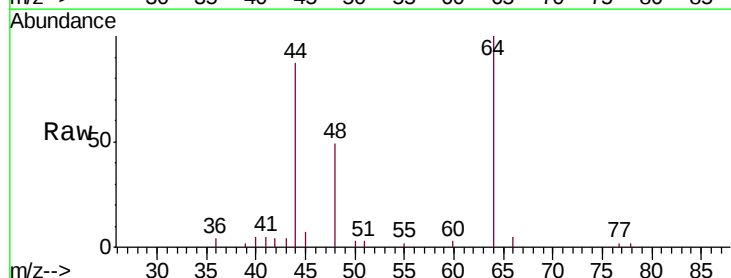
Acq: 04 Oct 2019 18:02

Tgt Ion: 64 Resp: 478

Ion Ratio Lower Upper

64 100

66 4.6 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU034942.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU034942.D (-177) (-)

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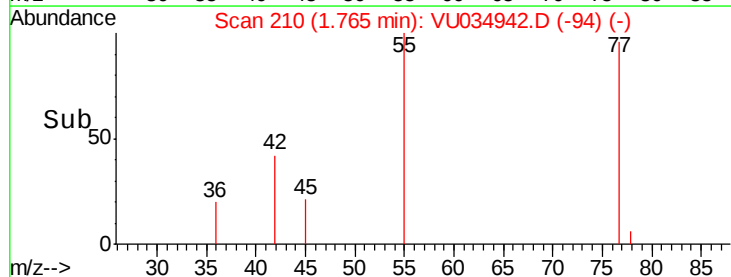
1.77

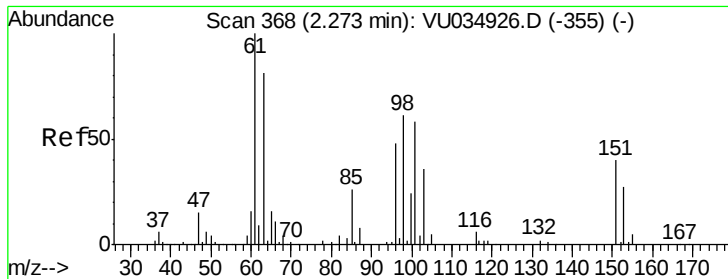
1.77

1.77

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1.77

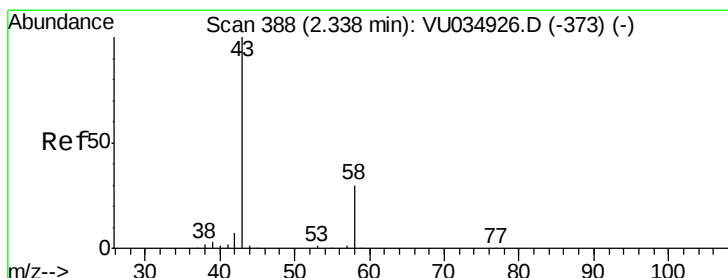
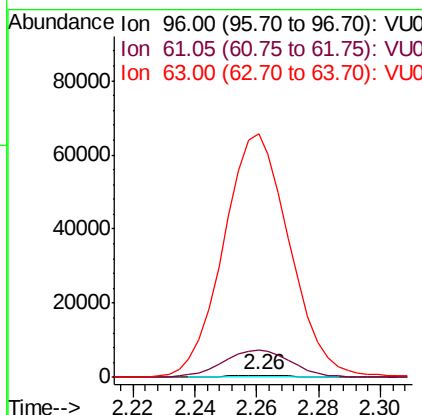
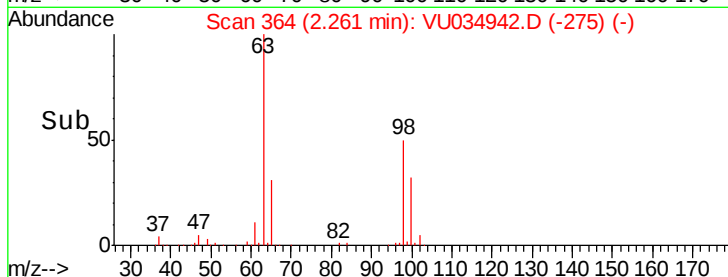
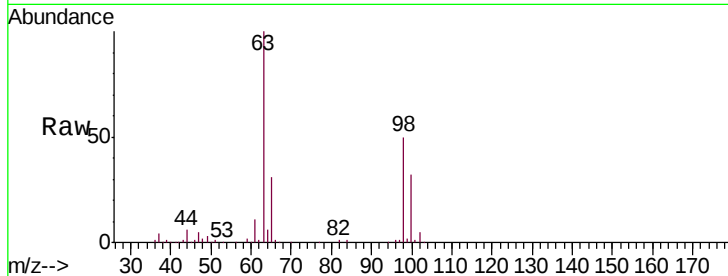




#12
 1,1-Dichloroethene
 Concen: 0.121 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU034942.D
 Acq: 04 Oct 2019 18:02

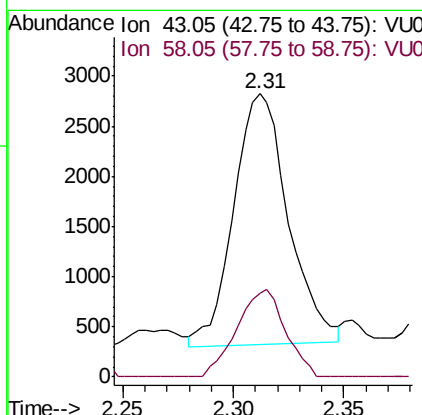
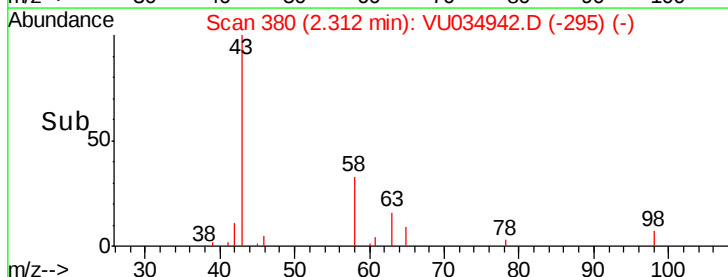
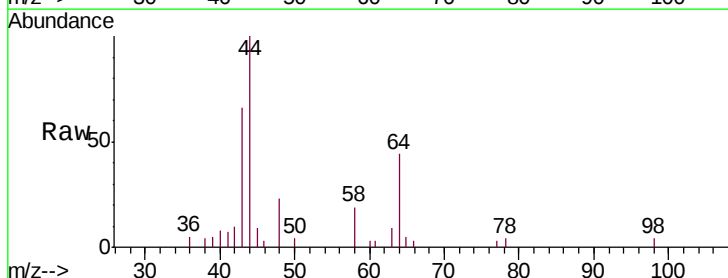
Instrument :
 MSVOA_U
 ClientSampled :
 C0AC1

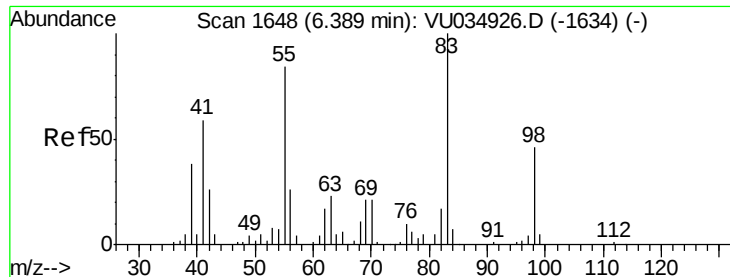
Tgt Ion: 96 Resp: 785
 Ion Ratio Lower Upper
 96 100
 61 1375.1 160.5 298.1#
 63 12203.7 162.3 301.5#



#13
 Acetone
 Concen: 1.502 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VU034942.D
 Acq: 04 Oct 2019 18:02

Tgt Ion: 43 Resp: 4299
 Ion Ratio Lower Upper
 43 100
 58 30.9 0.0 54.0





#35

Methylcyclohexane

Concen: 1.469 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034942.D

Acq: 04 Oct 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

C0AC1

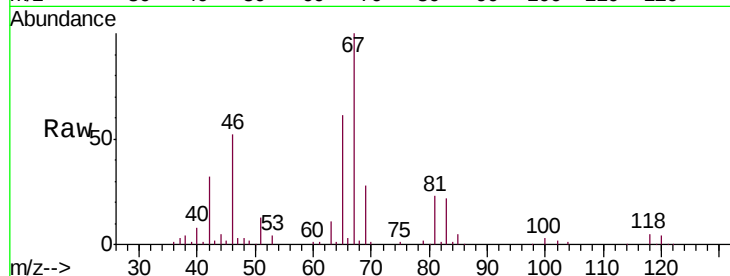
Tgt Ion: 83 Resp: 18488

Ion Ratio Lower Upper

83 100

55 0.0 68.9 103.3#

98 0.5 36.6 54.8#

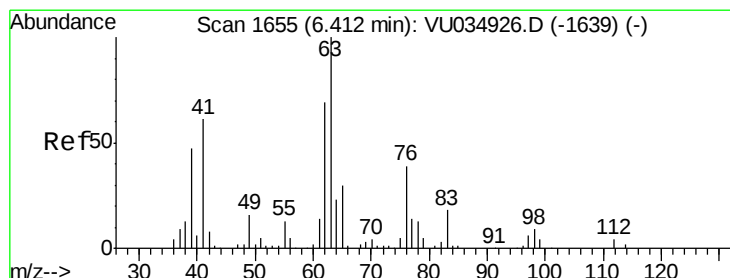
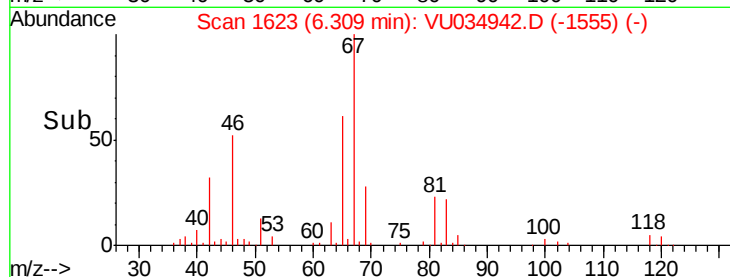


Abundance Ion 83.15 (82.85 to 83.85): VU034942.D (-1623) (-)

Ion 55.10 (54.80 to 55.80): VU034942.D (-1623) (-)

Ion 98.15 (97.85 to 98.85): VU034942.D (-1623) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.735 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034942.D

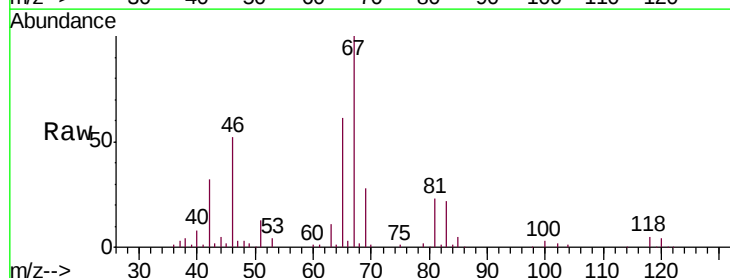
Acq: 04 Oct 2019 18:02

Tgt Ion: 63 Resp: 9560

Ion Ratio Lower Upper

63 100

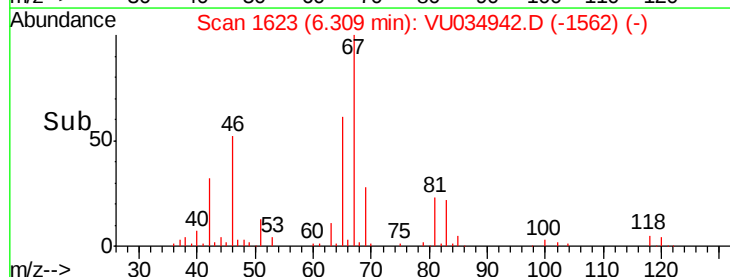
112 0.0 2.6 4.0#

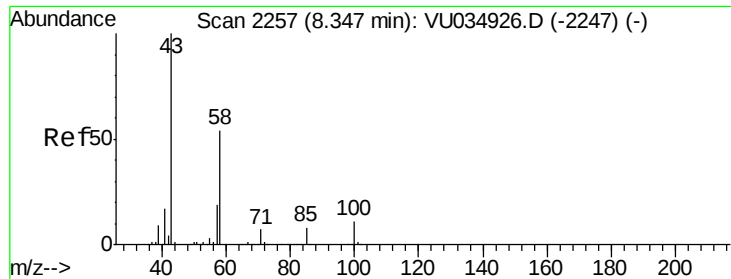


Abundance Ion 63.10 (62.80 to 63.80): VU034942.D (-1623) (-)

Ion 112.10 (111.80 to 112.80): VU034942.D (-1623) (-)

Time-->

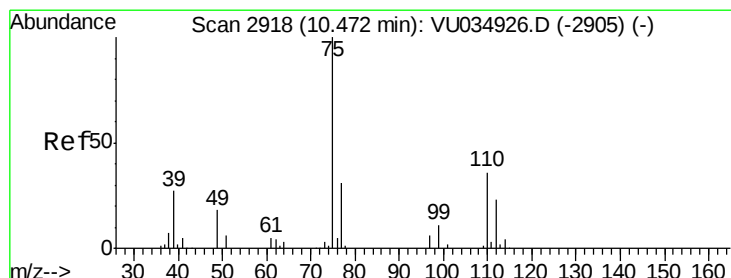
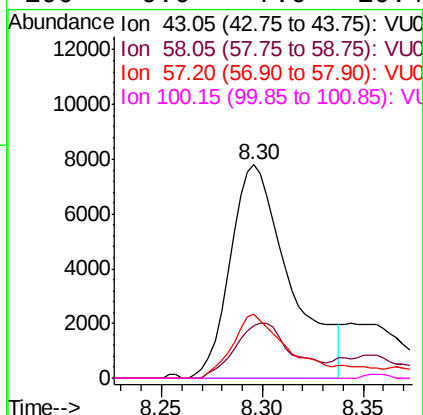
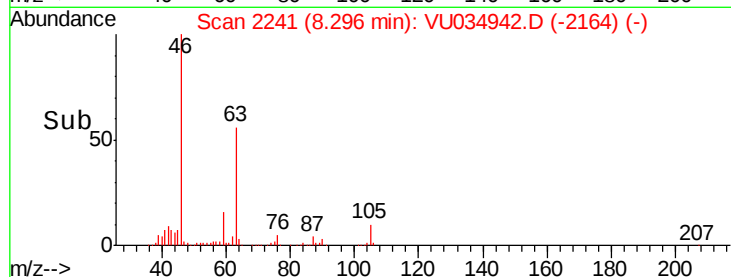
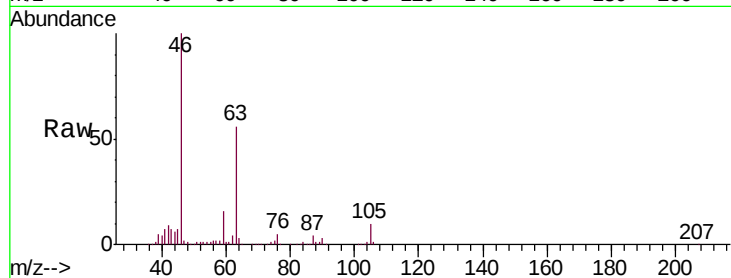




#48
 2-Hexanone
 Concen: 2.145 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU034942.D
 Acq: 04 Oct 2019 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC1

Tgt Ion: 43 Resp: 16050
 Ion Ratio Lower Upper
 43 100
 58 24.9 37.1 55.7#
 57 28.0 13.4 20.0#
 100 0.0 7.0 10.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.154 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034942.D
 Acq: 04 Oct 2019 18:02

Tgt Ion: 75 Resp: 10739
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.5 39.7

