

Data File : VU034946.D
Acq On : 04 Oct 2019 19:40
Operator : JC/SP
Sample : K5201-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 05 00:36:10 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	197384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	196089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	80629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65874	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.68	69	57164	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.26	63	91680	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.17	46	165703	41.65	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.30%
24) Chloroform-d	4.62	84	112890	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.29	65	62967	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.31	84	232552	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	75590	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.54	98	208488	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	22628	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.30	63	118412	40.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	61516	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	72709	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

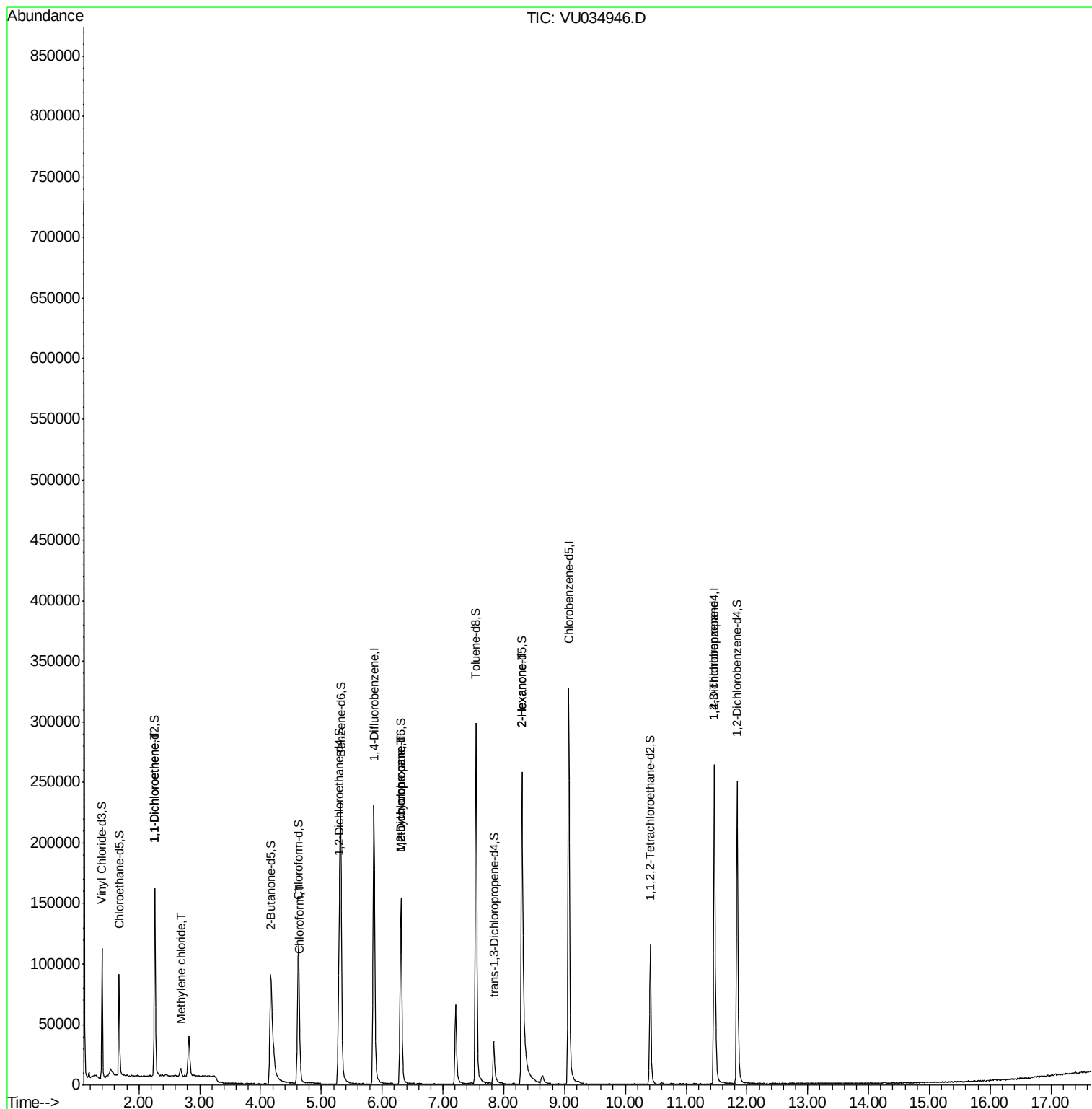
					Qvalue
12) 1,1-Dichloroethene	2.26	96	730	0.110 ug/L #	1
16) Methylene chloride	2.68	84	2488	0.238 ug/L	84
25) Chloroform	4.65	83	3556	0.140 ug/L	87
35) Methylcyclohexane	6.31	83	16572	1.274 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	8463	0.629 ug/L #	90
48) 2-Hexanone	8.30	43	14574	1.884 ug/L #	71
59) 1,2,3-Trichloropropane	11.46	75	10312	1.072 ug/L	95

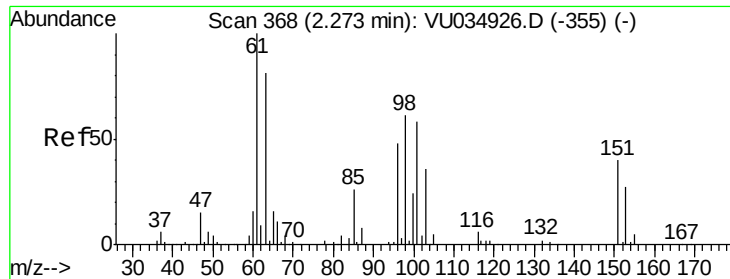
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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Acq: 04 Oct 2019 19:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

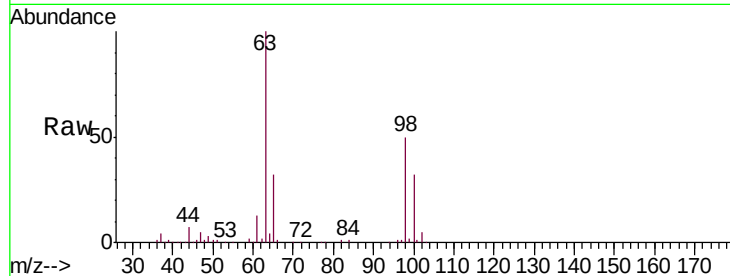
Tgt Ion: 96 Resp: 730

Ion Ratio Lower Upper

96 100

61 1373.3 160.5 298.1#

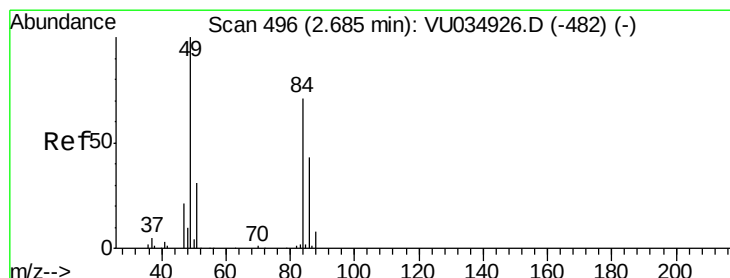
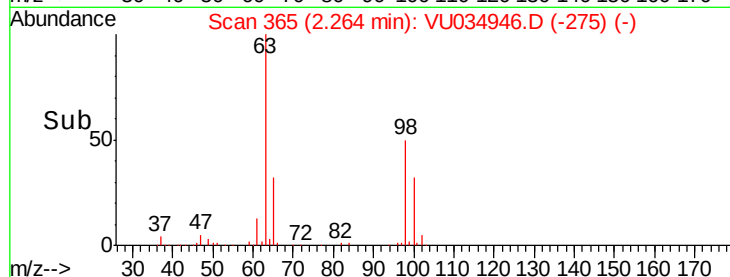
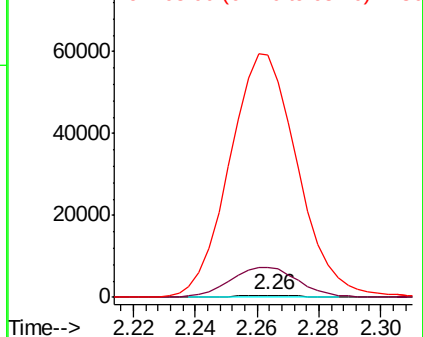
63 10937.8 162.3 301.5#



Abundance Ion 96.00 (95.70 to 96.70): VU034946.D (-365) (-)

Ion 61.05 (60.75 to 61.75): VU034946.D (-365) (-)

Ion 63.00 (62.70 to 63.70): VU034946.D (-365) (-)



#16

Methylene chloride

Concen: 0.238 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU034946.D

Acq: 04 Oct 2019 19:40

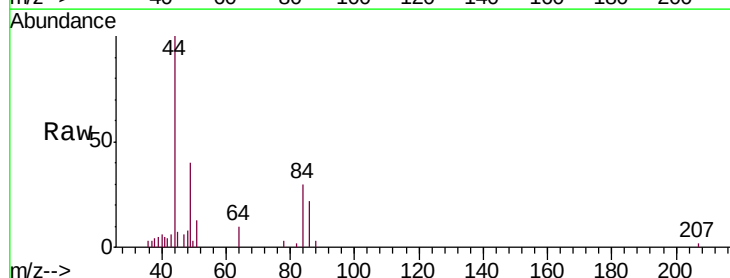
Tgt Ion: 84 Resp: 2488

Ion Ratio Lower Upper

84 100

86 71.0 44.2 82.2

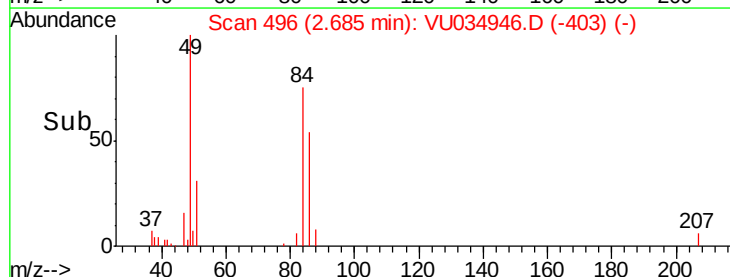
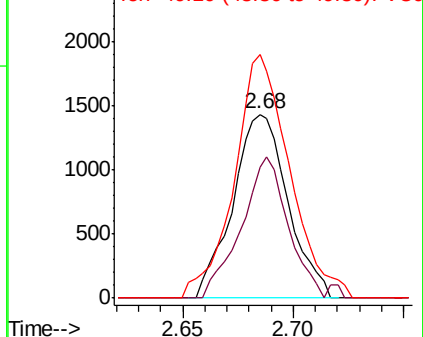
49 132.5 110.0 204.4

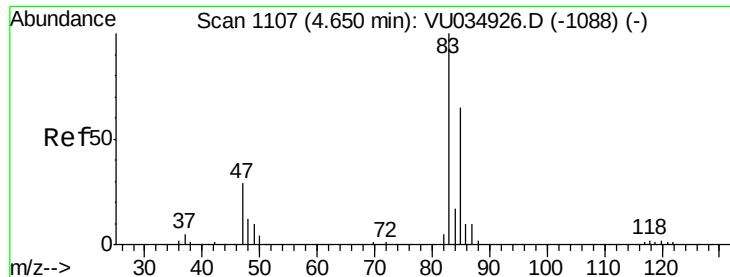


Abundance Ion 84.05 (83.75 to 84.75): VU034946.D (-496) (-)

Ion 86.00 (85.70 to 86.70): VU034946.D (-496) (-)

Ion 49.10 (48.80 to 49.80): VU034946.D (-496) (-)

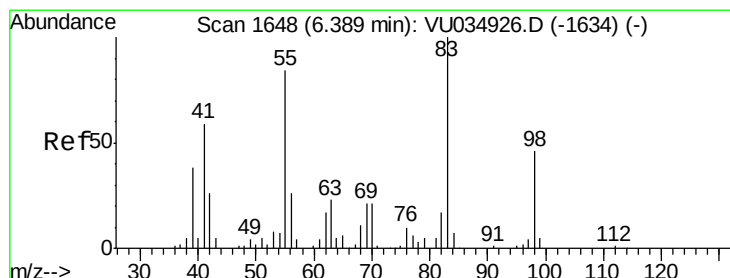
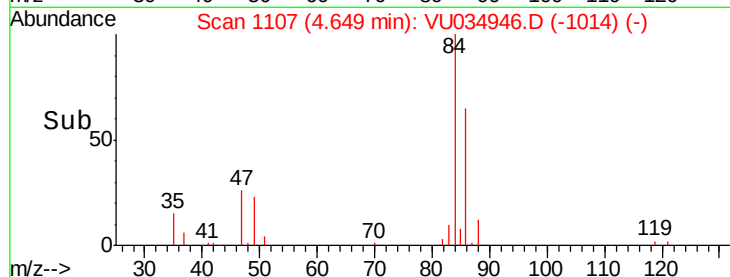
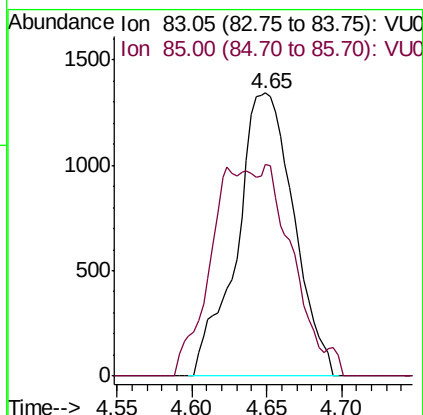
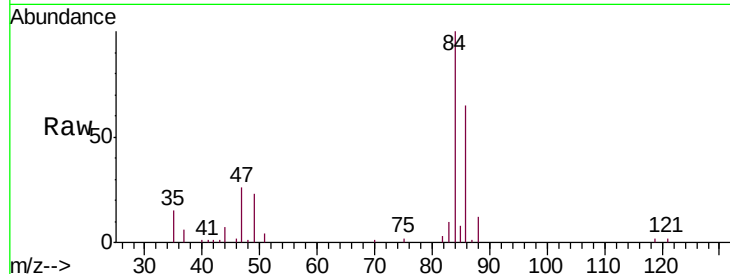




#25
Chloroform
Concen: 0.140 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034946.D
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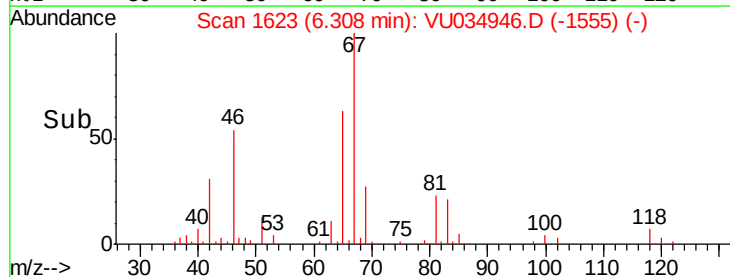
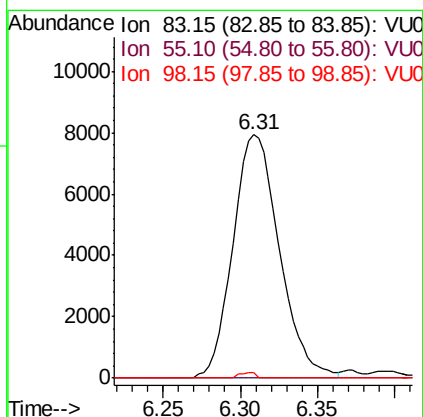
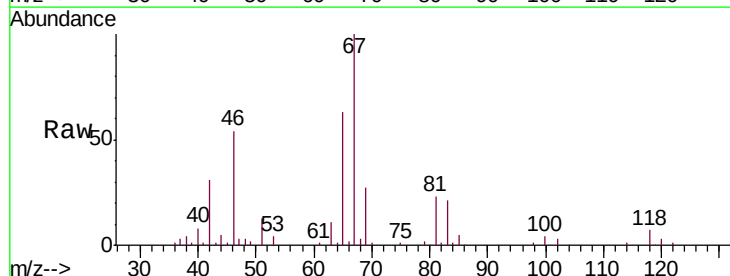
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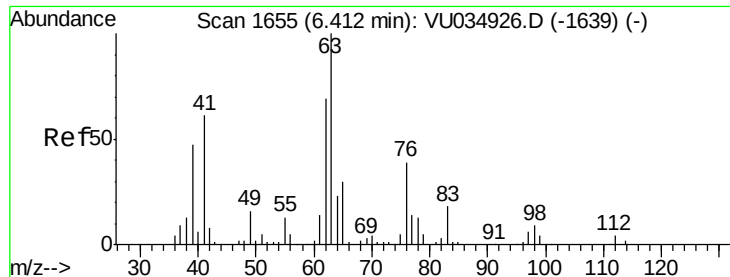
Tgt Ion: 83 Resp: 3556
Ion Ratio Lower Upper
83 100
85 74.9 45.2 84.0



#35
Methylcyclohexane
Concen: 1.274 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034946.D
Acq: 04 Oct 2019 19:40

Tgt Ion: 83 Resp: 16572
Ion Ratio Lower Upper
83 100
55 0.0 68.9 103.3#
98 0.7 36.6 54.8#

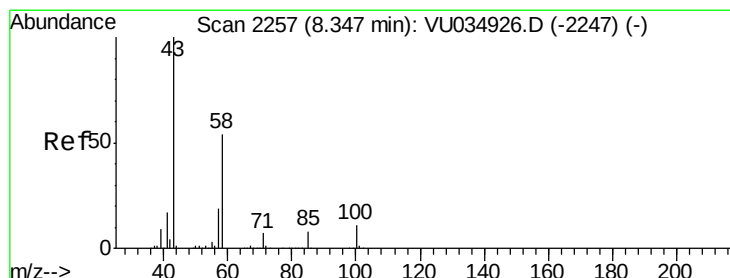
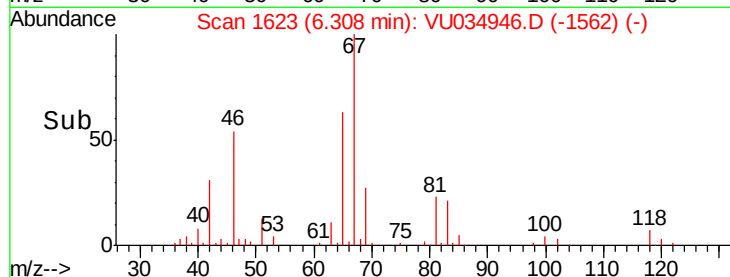
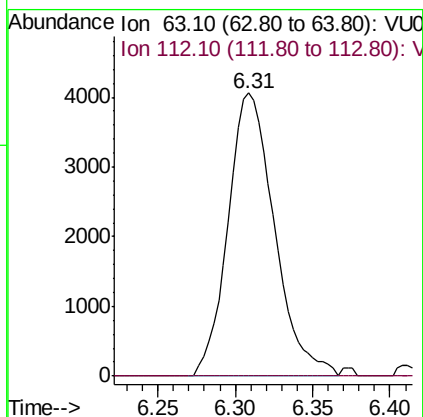
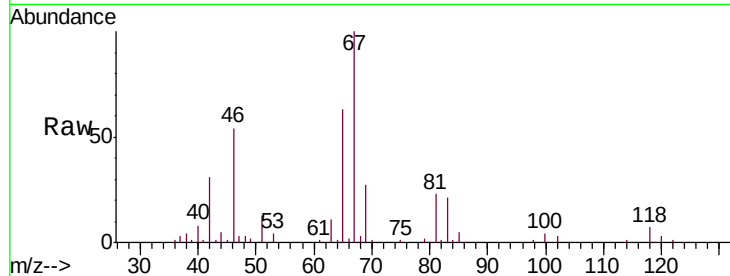




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034946.D
 Acq: 04 Oct 2019 19:40

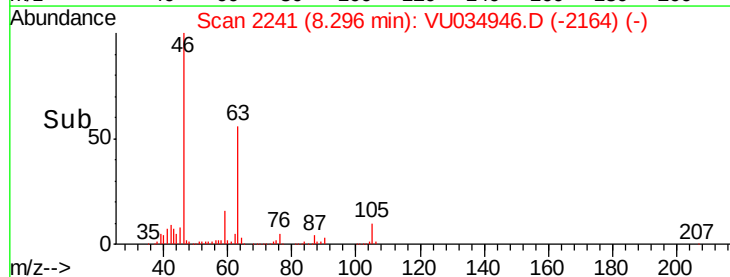
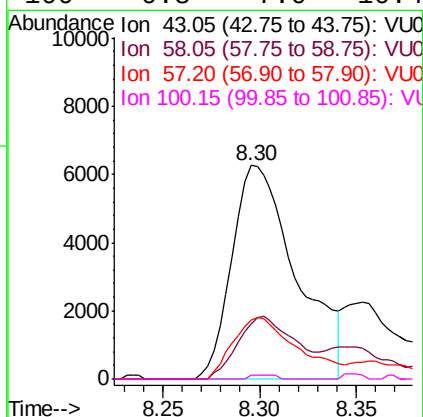
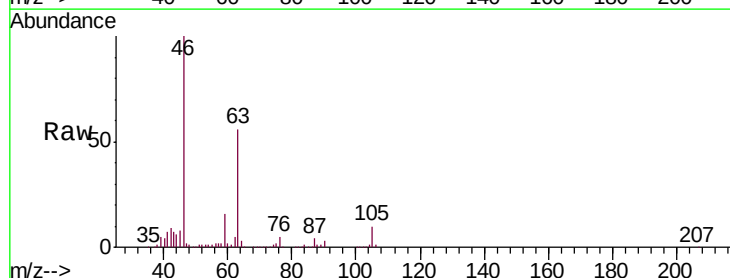
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

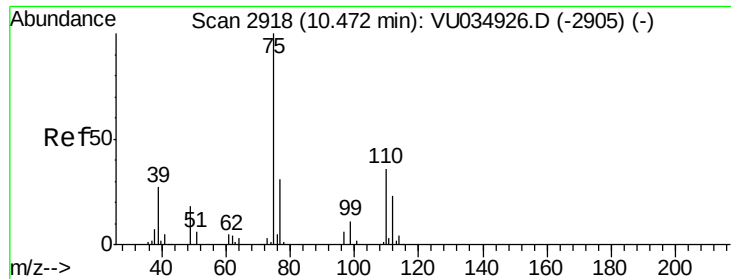
Tgt Ion: 63 Resp: 8463
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#48
 2-Hexanone
 Concen: 1.884 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU034946.D
 Acq: 04 Oct 2019 19:40

Tgt Ion: 43 Resp: 14574
 Ion Ratio Lower Upper
 43 100
 58 26.5 37.1 55.7#
 57 28.9 13.4 20.0#
 100 0.8 7.0 10.4#





#59

1,2,3-Trichloropropane

Concen: 1.072 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034946.D

Acq: 04 Oct 2019 19:40

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 10312

Ion Ratio Lower Upper

75 100

77 36.0 26.5 39.7

