

Data File : VU034943.D
Acq On : 04 Oct 2019 18:26
Operator : JC/SP
Sample : K5201-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC2

Quant Time: Oct 05 00:35:35 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	192588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	192790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	79980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70856	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.67	69	61263	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.26	63	96752	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.17	46	172822	44.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.04%
24) Chloroform-d	4.62	84	123811	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.29	65	68949	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.32	84	250762	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.31	67	83538	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.54	98	230944	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.84	79	25131	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.30	63	135420	46.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	64919	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	78863	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

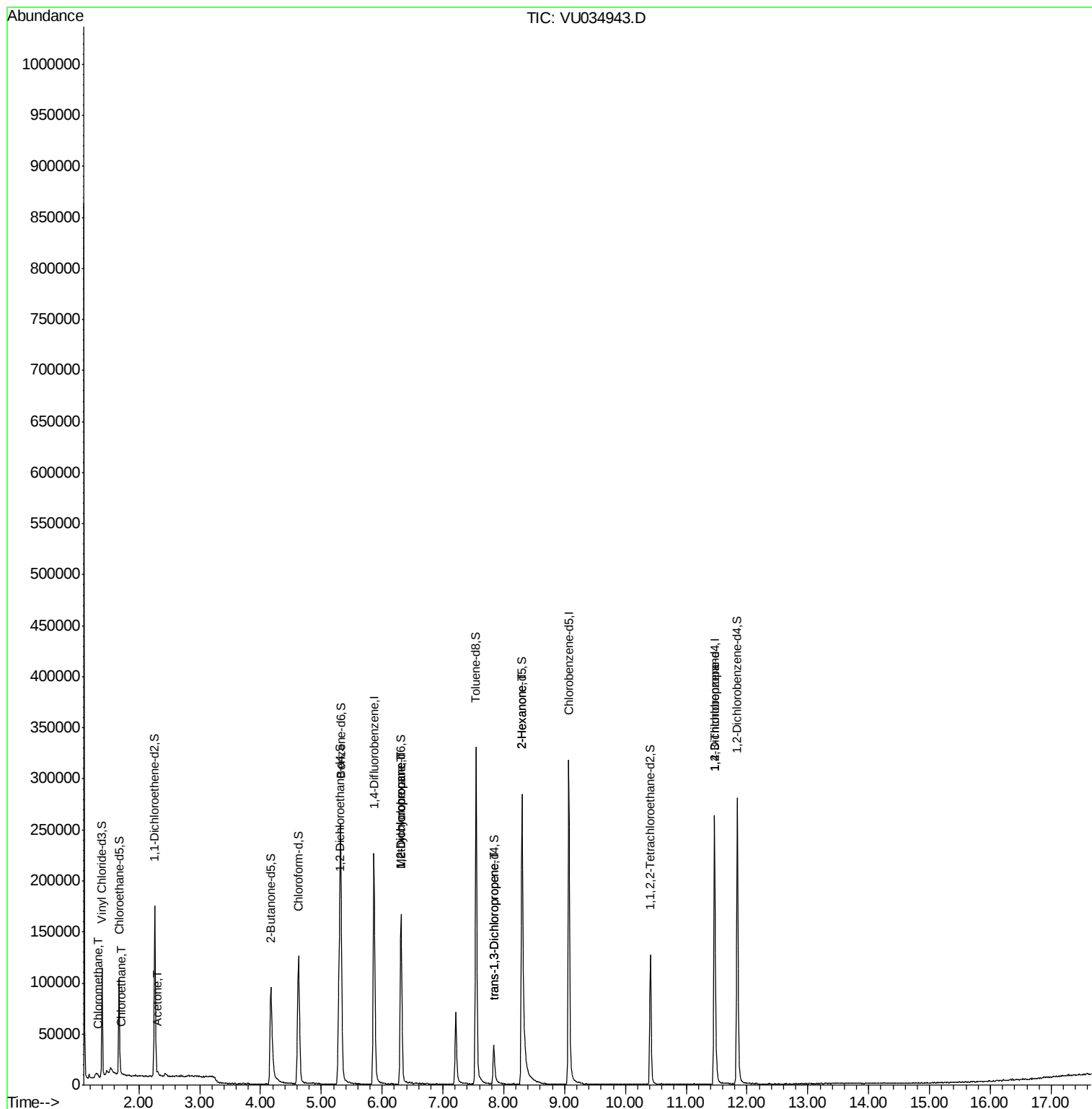
					Qvalue
3) Chloromethane	1.32	50	1659	0.178 ug/L	91
8) Chloroethane	1.71	64	568	0.099 ug/L #	53
13) Acetone	2.31	43	4435	1.561 ug/L	87
35) Methylcyclohexane	6.31	83	18163	1.420 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	9096	0.688 ug/L #	90
44) trans-1,3-Dichloropropene	7.84	75	1274	0.089 ug/L	91
48) 2-Hexanone	8.30	43	14913	1.961 ug/L #	73
59) 1,2,3-Trichloropropane	11.46	75	10412	1.101 ug/L	91

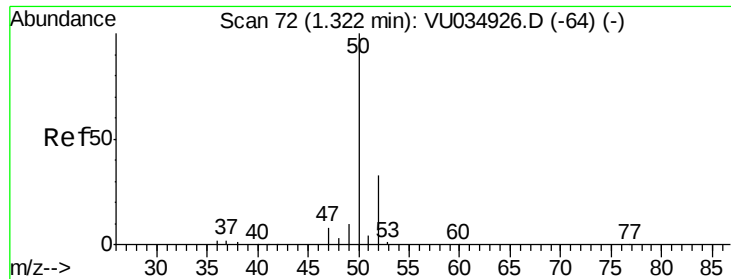
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 04 Oct 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

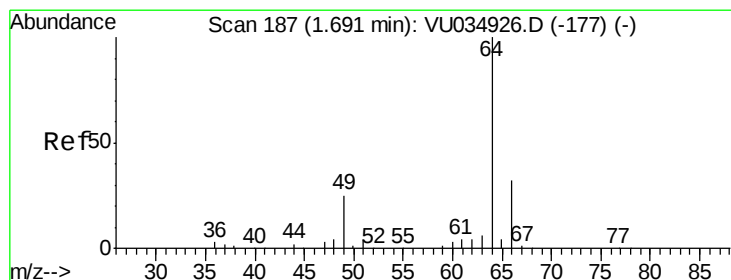
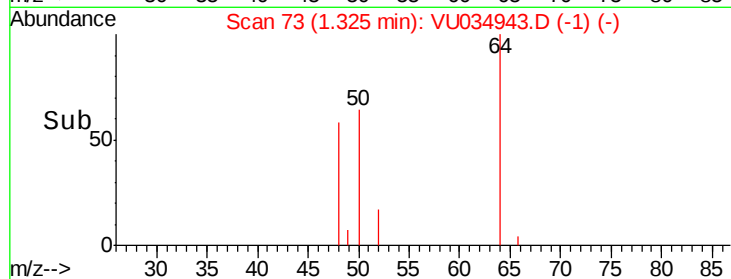
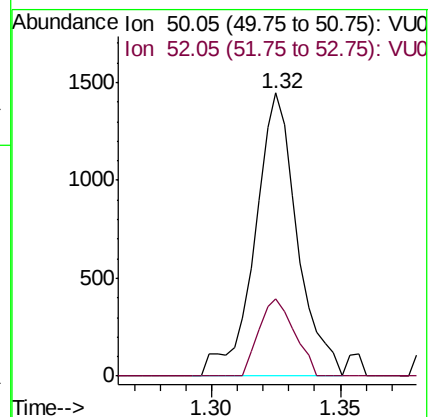
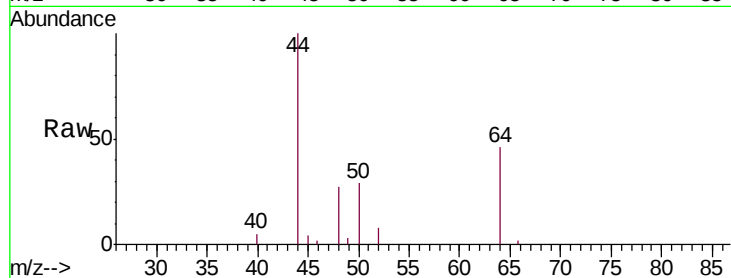
C0AC2

Tgt Ion: 50 Resp: 1659

Ion Ratio Lower Upper

50 100

52 27.2 22.7 42.1



#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.71 min Scan# 193

Delta R.T. 0.02 min

Lab File: VU034943.D

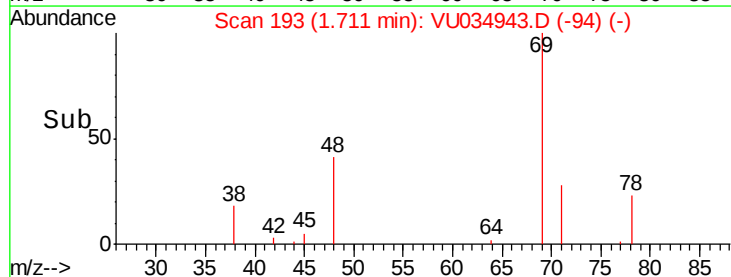
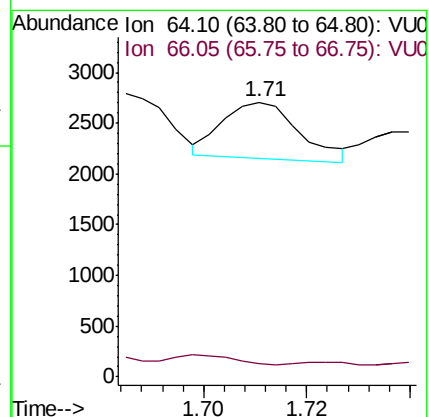
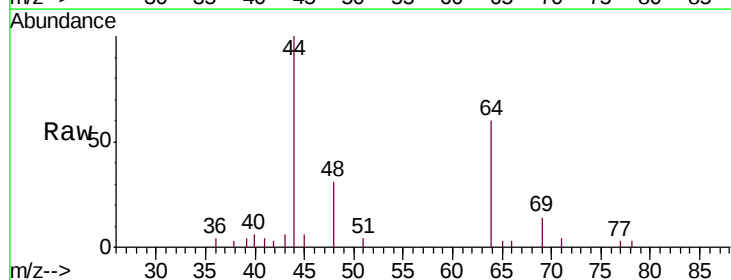
Acq: 04 Oct 2019 18:26

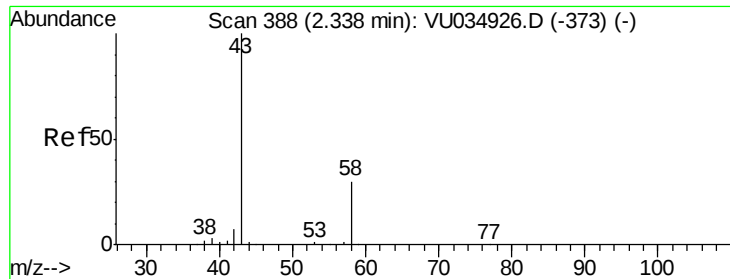
Tgt Ion: 64 Resp: 568

Ion Ratio Lower Upper

64 100

66 4.7 20.9 38.9#





#13

Acetone

Concen: 1.561 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU034943.D

Acq: 04 Oct 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

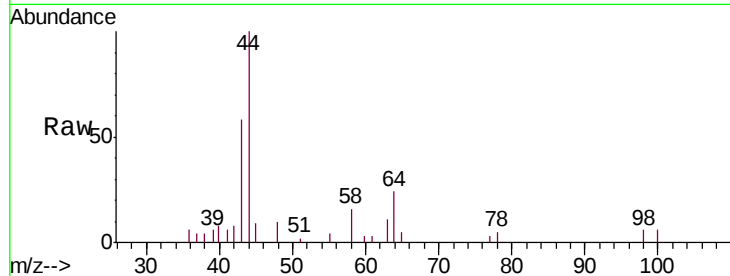
C0AC2

Tgt Ion: 43 Resp: 4435

Ion Ratio Lower Upper

43 100

58 33.8 0.0 54.0



Abundance Ion 43.05 (42.75 to 43.75): VU034926.D (-373) (-)

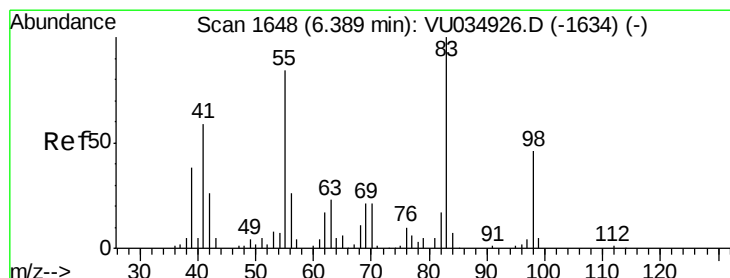
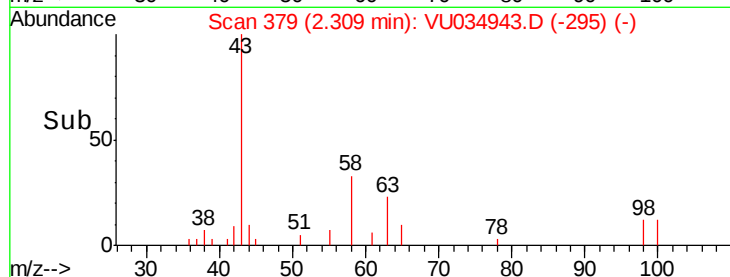
Ion 58.05 (57.75 to 58.75): VU034926.D (-373) (-)

2.31

2.35

2.40

Time-->



#35

Methylcyclohexane

Concen: 1.420 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034943.D

Acq: 04 Oct 2019 18:26

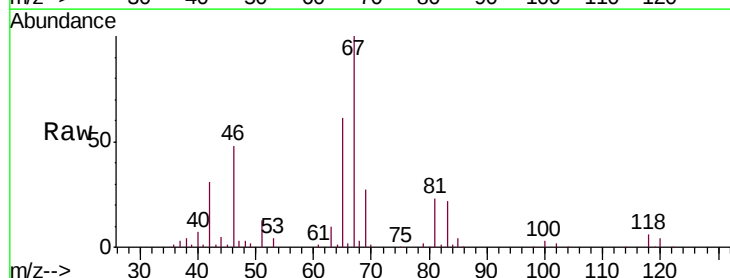
Tgt Ion: 83 Resp: 18163

Ion Ratio Lower Upper

83 100

55 0.1 68.9 103.3#

98 1.0 36.6 54.8#



Abundance Ion 83.15 (82.85 to 83.85): VU034926.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VU034926.D (-1634) (-)

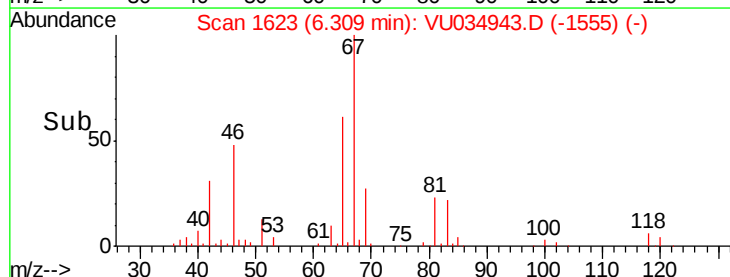
Ion 98.15 (97.85 to 98.85): VU034926.D (-1634) (-)

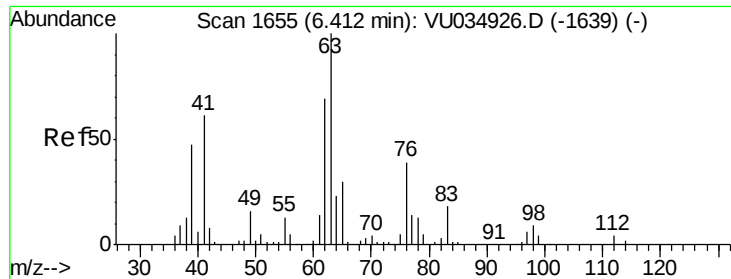
6.31

6.35

6.40

Time-->

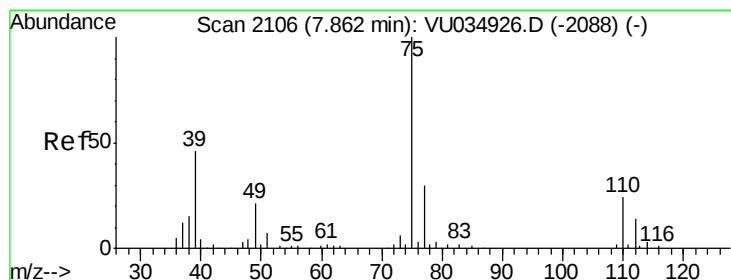
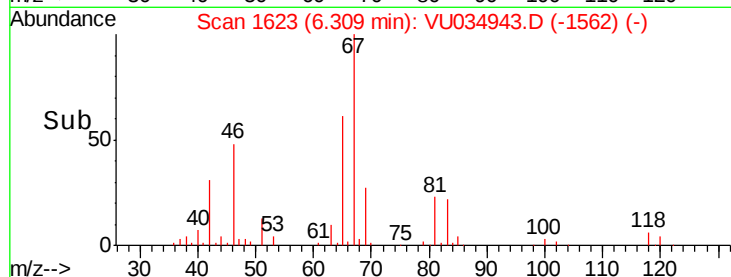
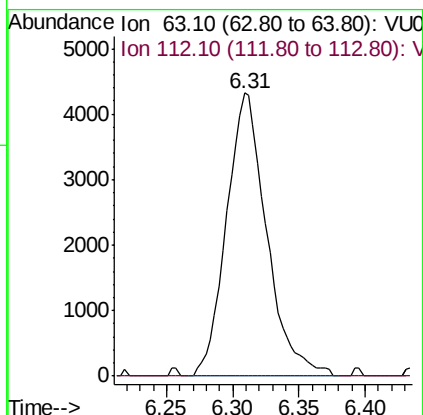
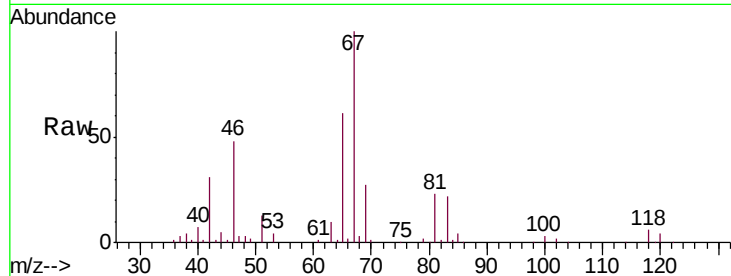




#37
 1,2-Dichloropropane
 Concen: 0.688 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034943.D
 Acq: 04 Oct 2019 18:26

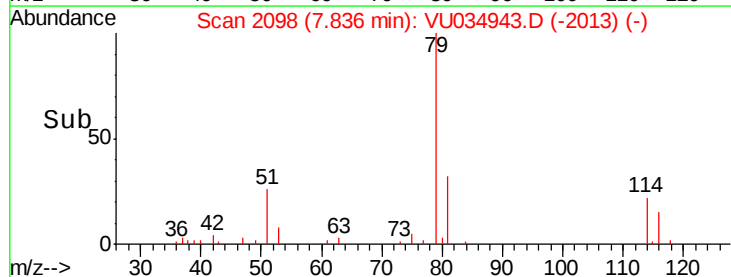
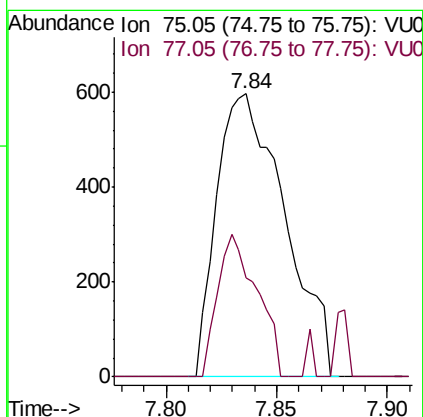
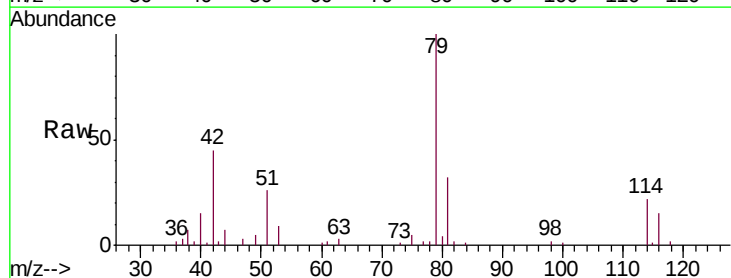
Instrument :
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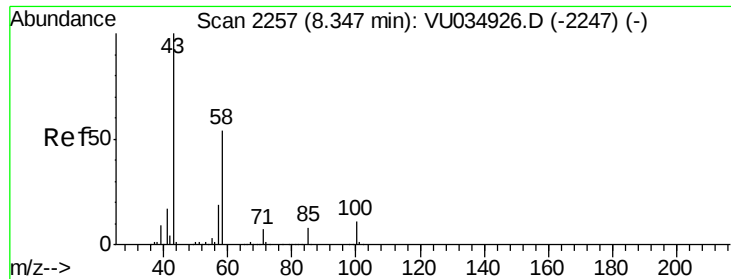
Tgt Ion: 63 Resp: 9096
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU034943.D
 Acq: 04 Oct 2019 18:26

Tgt Ion: 75 Resp: 1274
 Ion Ratio Lower Upper
 75 100
 77 35.2 21.2 39.4

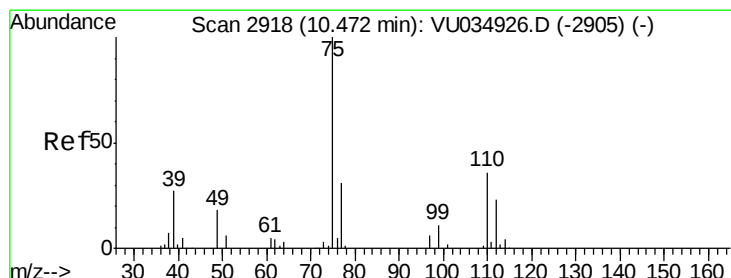
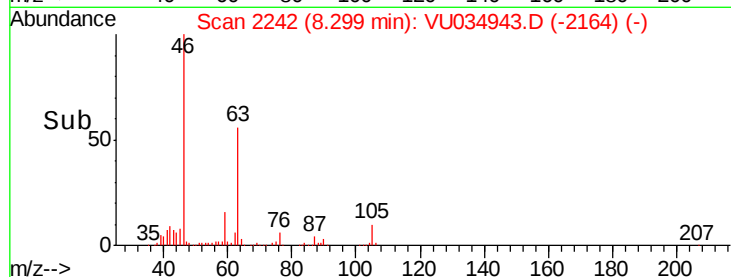
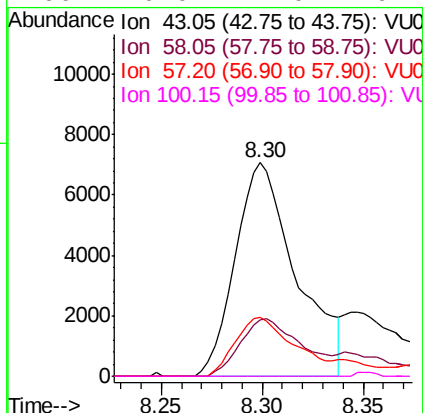
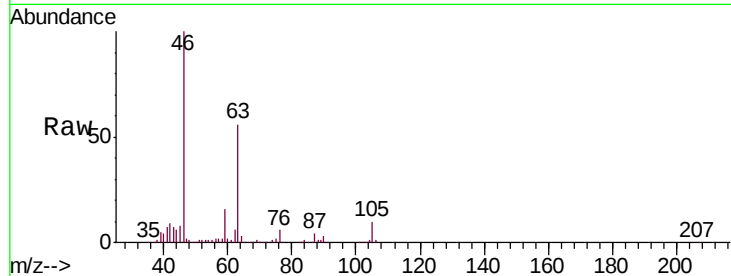




#48
 2-Hexanone
 Concen: 1.961 ug/L
 RT: 8.30 min Scan# 2242
 Delta R.T. -0.05 min
 Lab File: VU034943.D
 Acq: 04 Oct 2019 18:26

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC2

Tgt Ion: 43 Resp: 14913
 Ion Ratio Lower Upper
 43 100
 58 26.9 37.1 55.7#
 57 26.3 13.4 20.0#
 100 0.0 7.0 10.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.101 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034943.D
 Acq: 04 Oct 2019 18:26

Tgt Ion: 75 Resp: 10412
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.5 39.7

