

Data File : VU034944.D
Acq On : 04 Oct 2019 18:51
Operator : JC/SP
Sample : K5201-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC3

Quant Time: Oct 05 00:35:47 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	190887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	194426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	77912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69245	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	59873	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.26	63	96150	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.17	46	171154	44.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.98%
24) Chloroform-d	4.62	84	120788	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.29	65	66795	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.31	84	248040	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.31	67	81703	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.54	98	224950	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.84	79	26463	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.30	63	128432	44.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	65804	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	78423	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

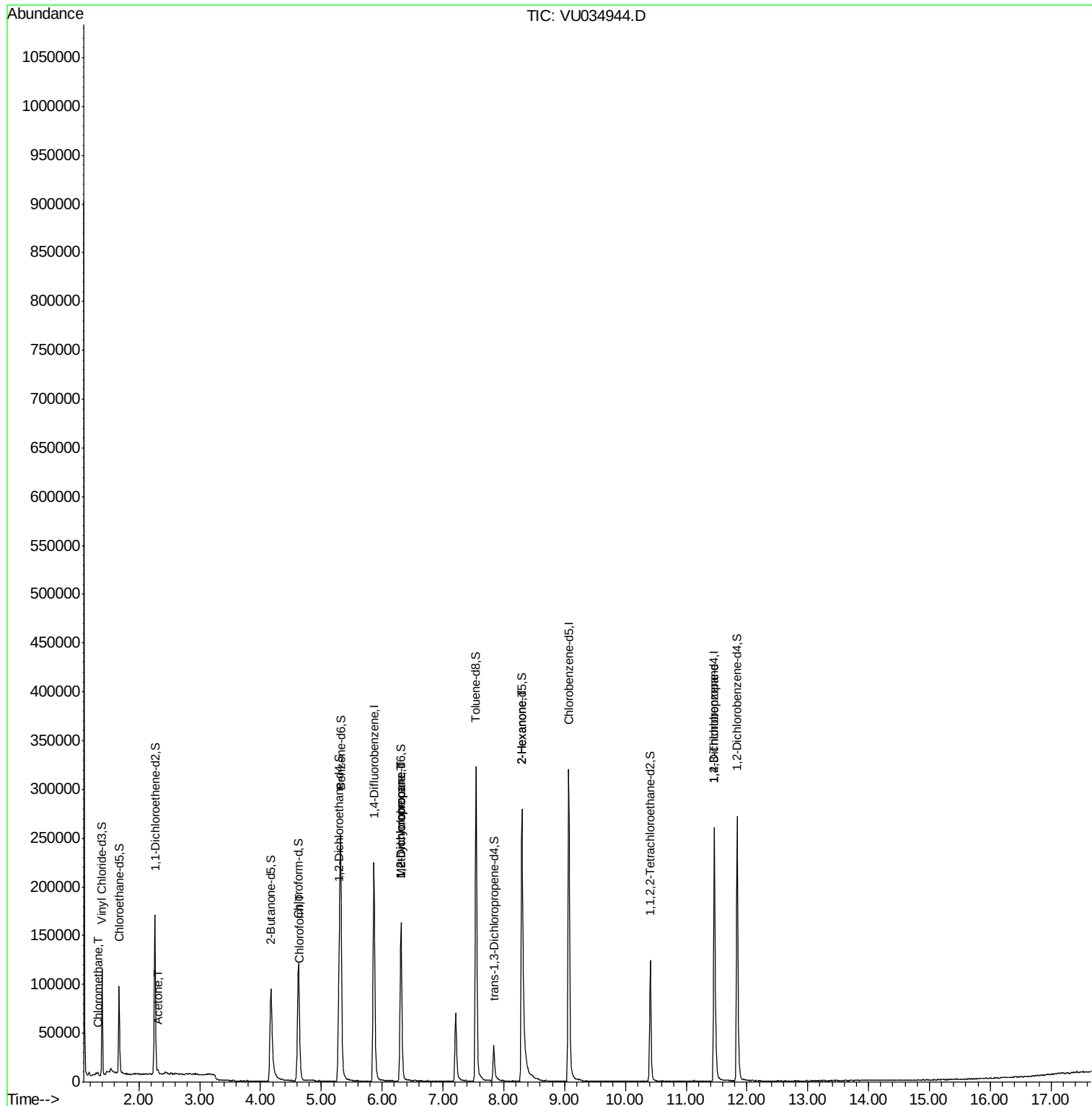
					Qvalue
3) Chloromethane	1.32	50	1659	0.180 ug/L	90
13) Acetone	2.31	43	4221	1.499 ug/L	98
25) Chloroform	4.65	83	3484	0.142 ug/L	96
35) Methylcyclohexane	6.31	83	18037	1.398 ug/L #	15
37) 1,2-Dichloropropane	6.31	63	8990	0.674 ug/L #	92
48) 2-Hexanone	8.30	43	13434	1.751 ug/L #	75
59) 1,2,3-Trichloropropane	11.46	75	10226	1.072 ug/L	92

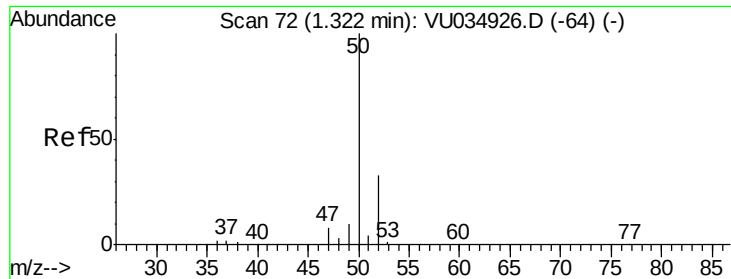
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.180 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 04 Oct 2019 18:51

Instrument :

MSVOA_U

ClientSampleId :

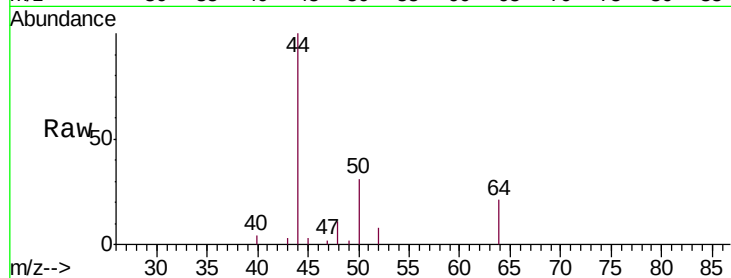
C0AC3

Tgt Ion: 50 Resp: 1659

Ion Ratio Lower Upper

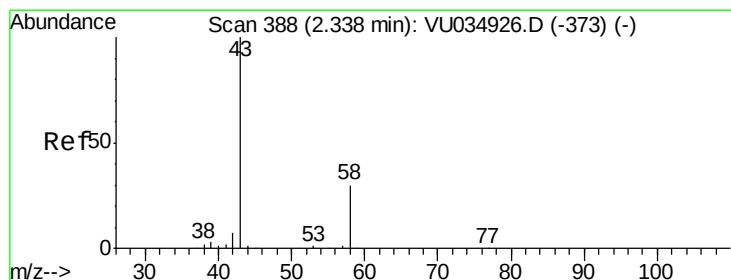
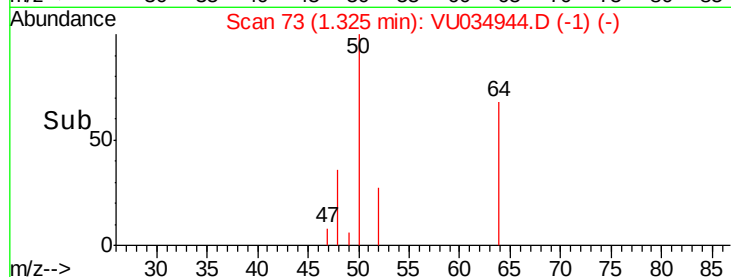
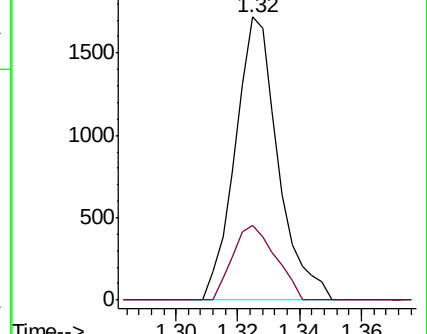
50 100

52 26.5 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VU034926.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034926.D (-64) (-)



#13

Acetone

Concen: 1.499 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.03 min

Lab File: VU034944.D

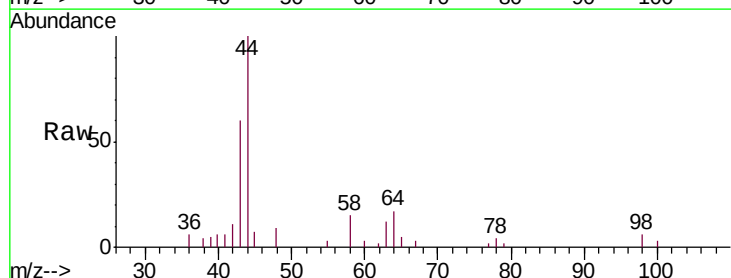
Acq: 04 Oct 2019 18:51

Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

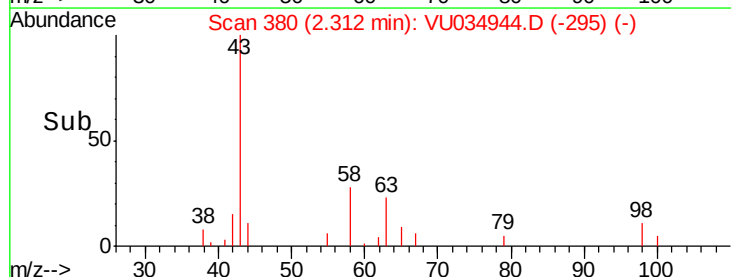
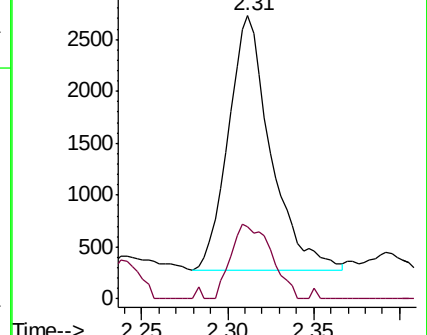
43 100

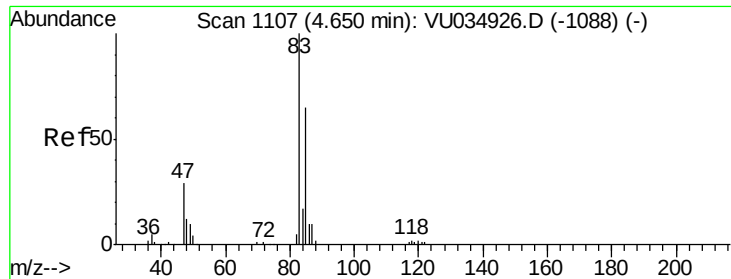
58 27.9 0.0 54.0



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

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





#25

Chloroform

Concen: 0.142 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034944.D

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Instrument :

MSVOA_U

ClientSampleId :

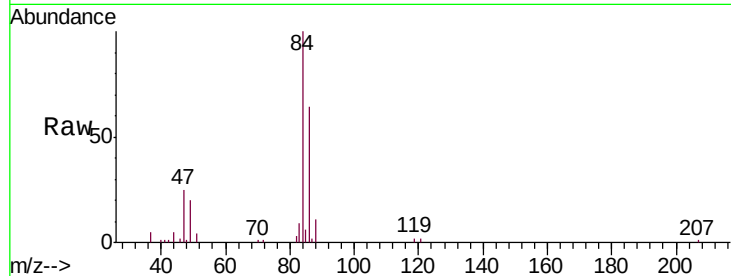
C0AC3

Tgt Ion: 83 Resp: 3484

Ion Ratio Lower Upper

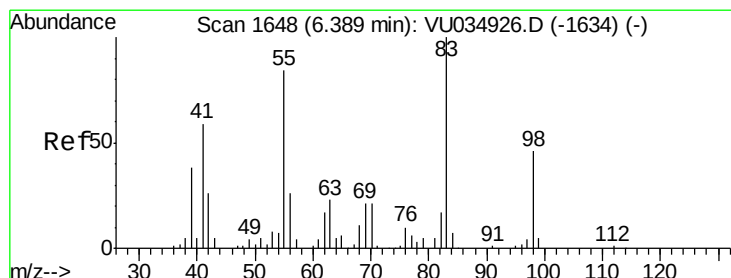
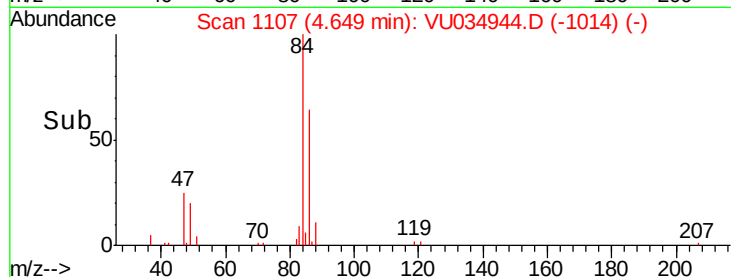
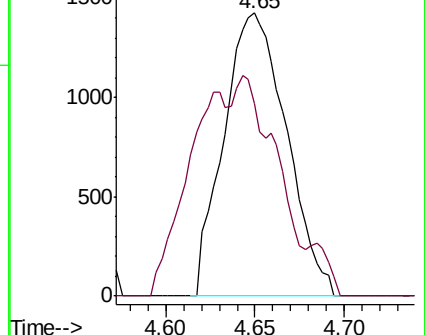
83 100

85 67.8 45.2 84.0



Abundance Ion 83.05 (82.75 to 83.75): VU034926.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU034926.D (-1088) (-)



#35

Methylcyclohexane

Concen: 1.398 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034944.D

Acq: 04 Oct 2019 18:51

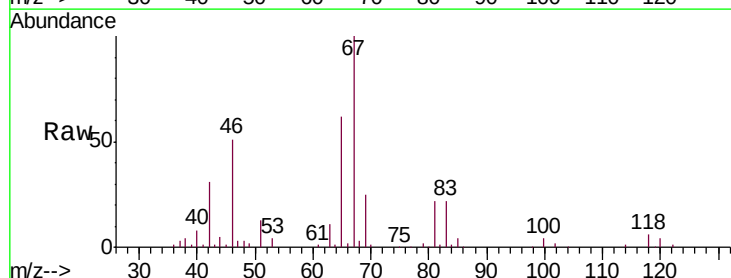
Tgt Ion: 83 Resp: 18037

Ion Ratio Lower Upper

83 100

55 0.1 68.9 103.3#

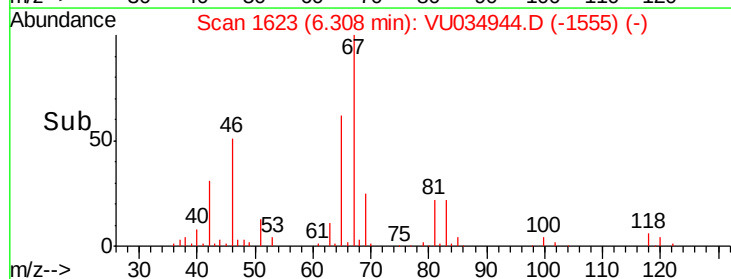
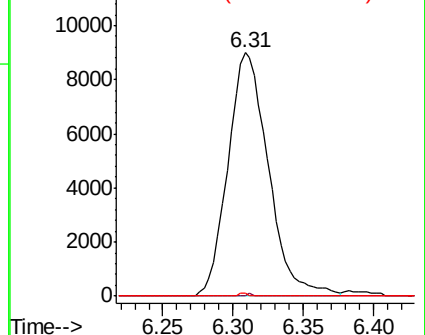
98 0.2 36.6 54.8#

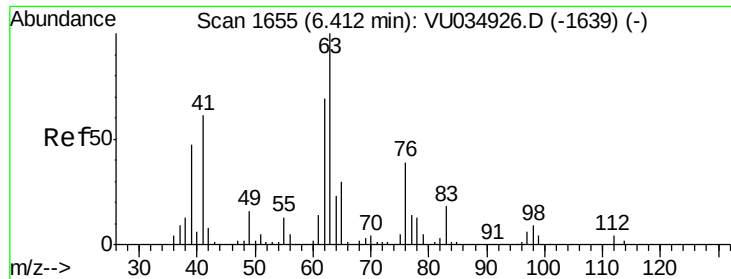


Abundance Ion 83.15 (82.85 to 83.85): VU034926.D (-1634) (-)

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

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

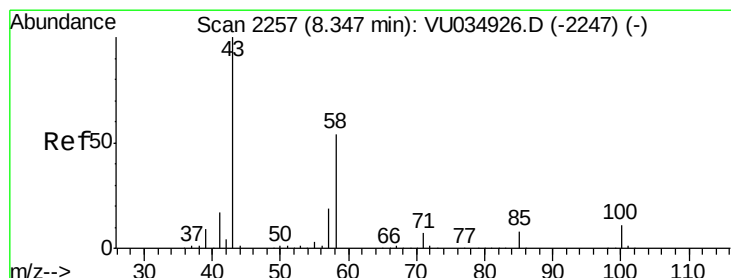
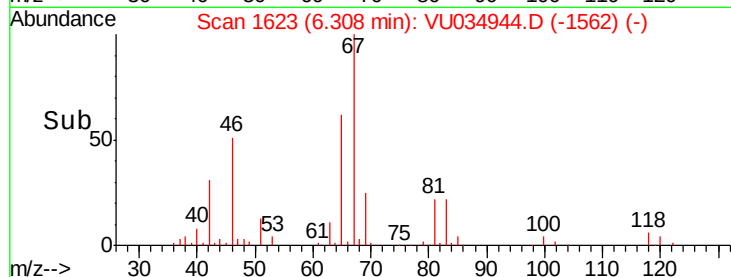
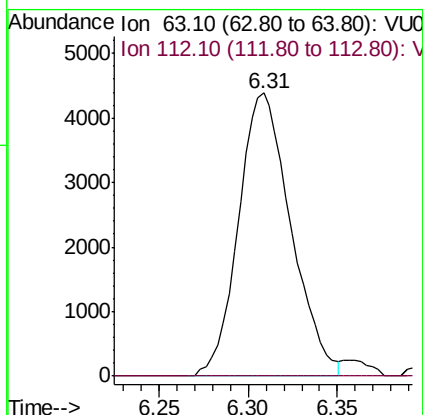
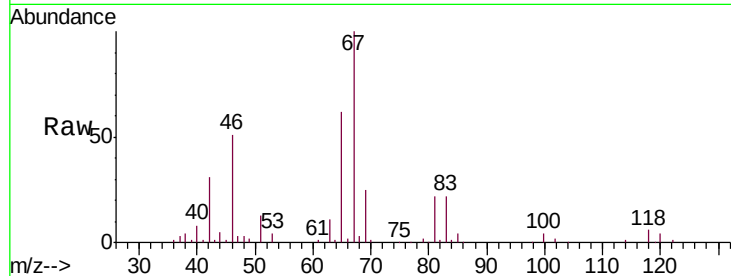




#37
 1,2-Dichloropropane
 Concen: 0.674 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034944.D
 Acq: 04 Oct 2019 18:51

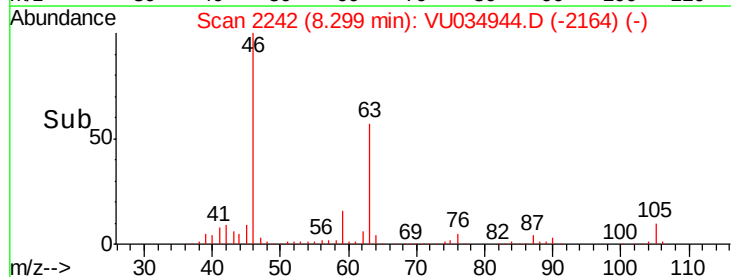
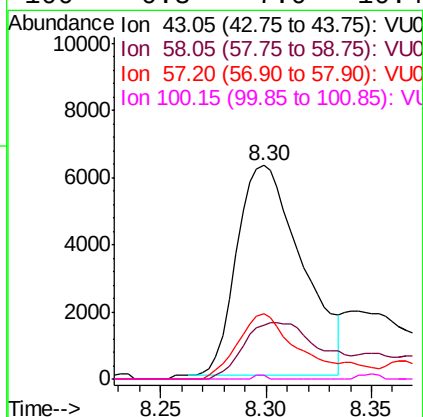
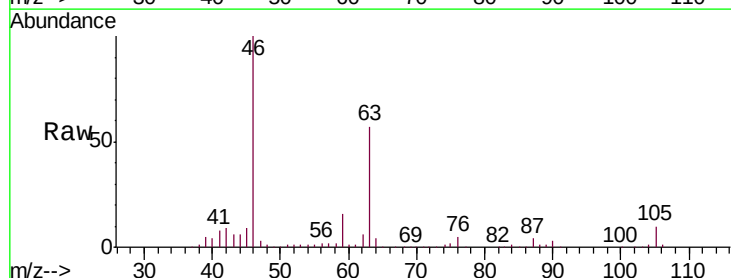
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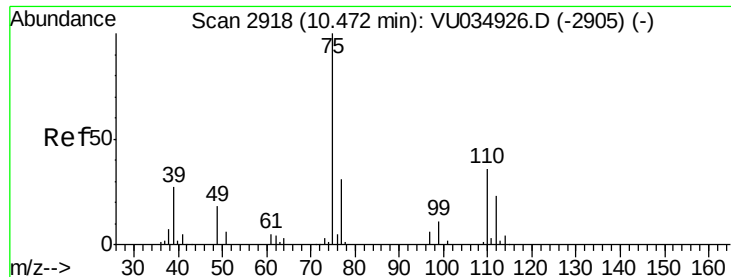
Tgt Ion: 63 Resp: 8990
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.6 4.0#



#48
 2-Hexanone
 Concen: 1.751 ug/L
 RT: 8.30 min Scan# 2242
 Delta R.T. -0.05 min
 Lab File: VU034944.D
 Acq: 04 Oct 2019 18:51

Tgt Ion: 43 Resp: 13434
 Ion Ratio Lower Upper
 43 100
 58 32.0 37.1 55.7#
 57 31.7 13.4 20.0#
 100 0.3 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: VU034944.D

Acq: 04 Oct 2019 18:51

Instrument :

MSVOA_U

ClientSampleId :

C0AC3

Tgt Ion: 75 Resp: 10226

Ion Ratio Lower Upper

75 100

77 37.5 26.5 39.7

