

Data File : VU034945.D
Acq On : 04 Oct 2019 19:15
Operator : JC/SP
Sample : K5201-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC4

Quant Time: Oct 05 00:35:58 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	191805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	192310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	79662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69135	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.68	69	59395	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.26	63	93707	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.17	46	174260	45.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.62	84	122069	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.29	65	66294	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.32	84	246558	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.31	67	81557	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.54	98	222509	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.83	79	24995	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	130972	45.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	64762	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	79411	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

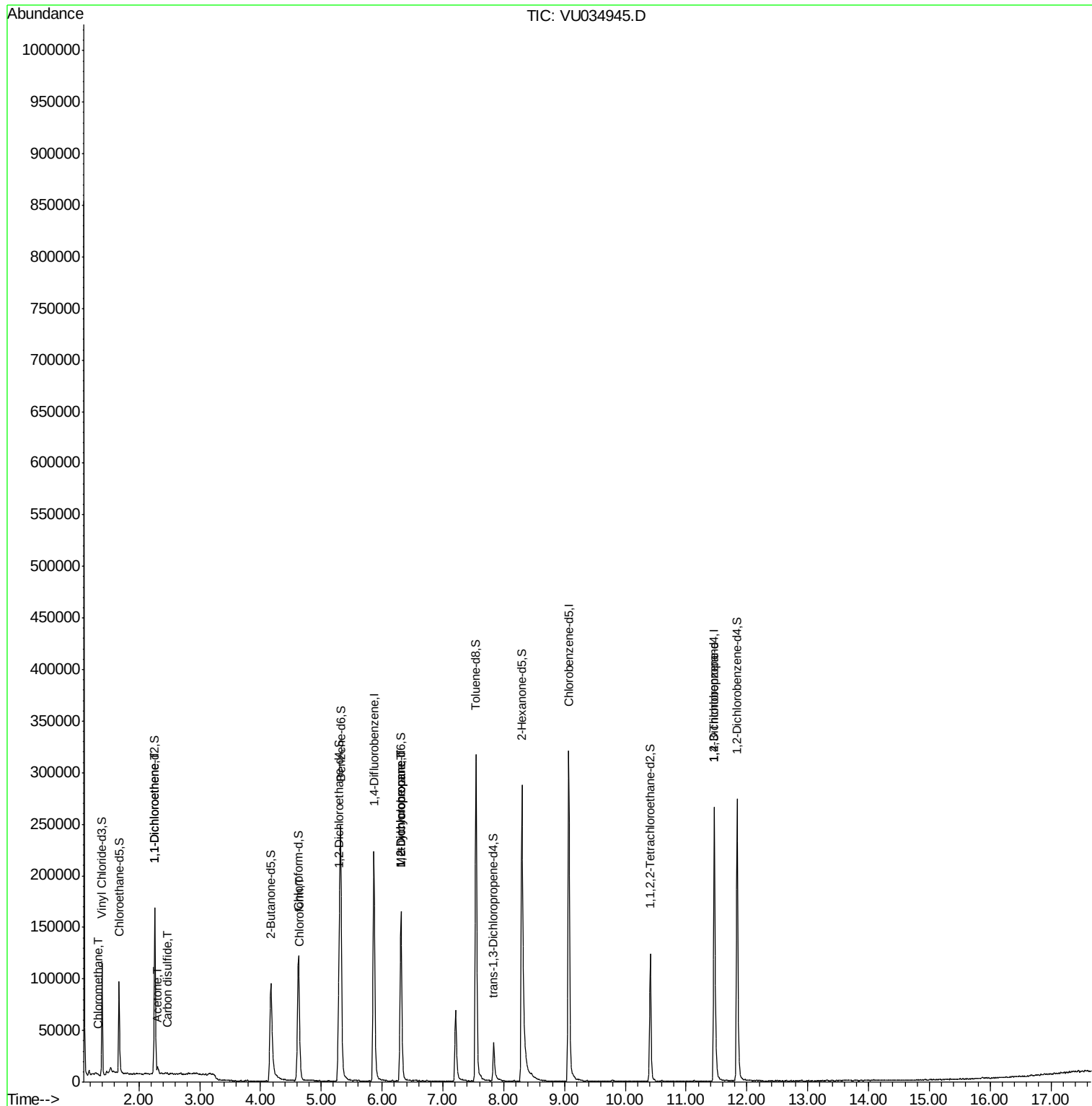
						Qvalue
3) Chloromethane	1.32	50	1228	0.133	ug/L	98
12) 1,1-Dichloroethene	2.27	96	719	0.112	ug/L #	1
13) Acetone	2.31	43	5545	1.960	ug/L	88
14) Carbon disulfide	2.46	76	1263	0.118	ug/L #	68
25) Chloroform	4.65	83	3586	0.146	ug/L	98
35) Methylcyclohexane	6.31	83	18062	1.416	ug/L #	15
37) 1,2-Dichloropropane	6.31	63	8977	0.680	ug/L #	90
59) 1,2,3-Trichloropropane	11.46	75	10113	1.072	ug/L	92

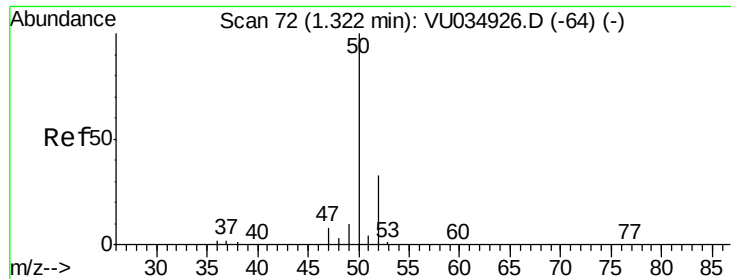
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.133 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

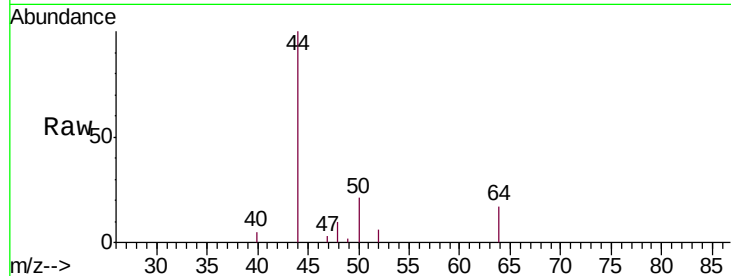
C0AC4

Tgt Ion: 50 Resp: 1228

Ion Ratio Lower Upper

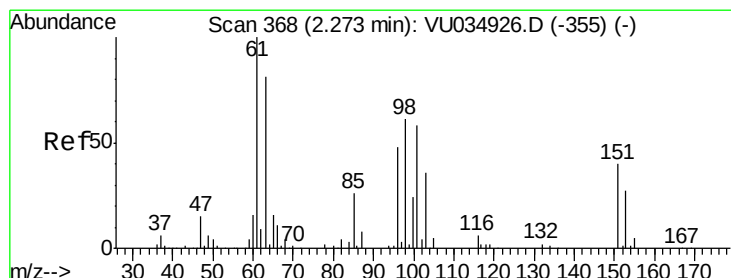
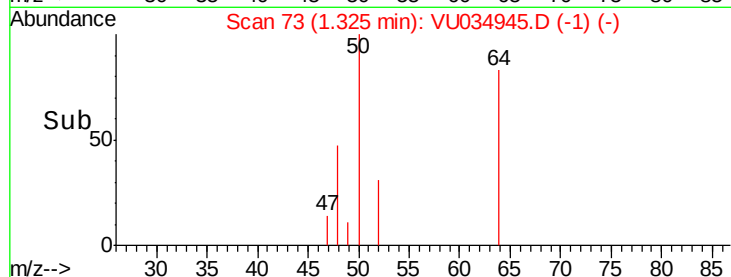
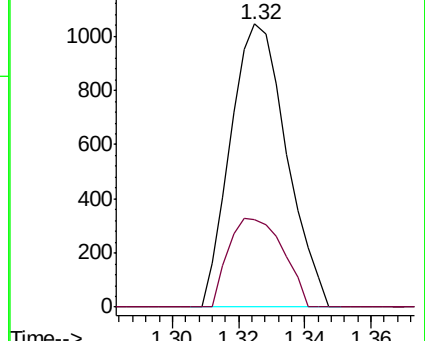
50 100

52 31.1 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) (-)



#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU034945.D

Acq: 04 Oct 2019 19:15

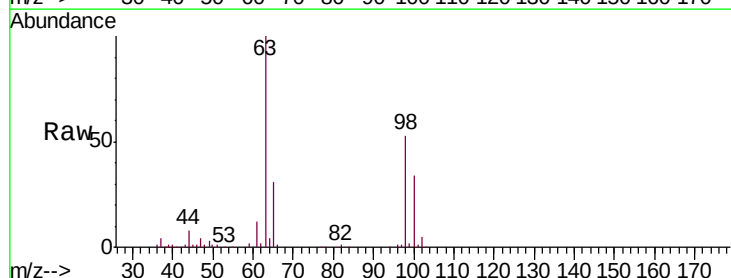
Tgt Ion: 96 Resp: 719

Ion Ratio Lower Upper

96 100

61 1129.6 160.5 298.1#

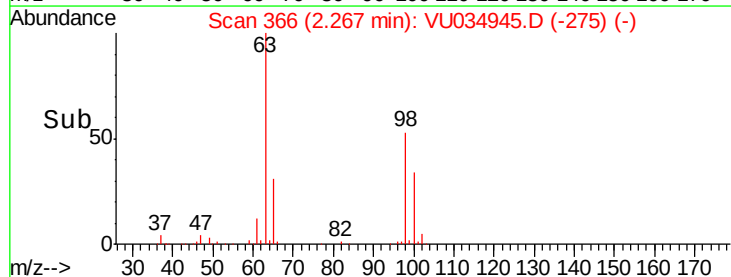
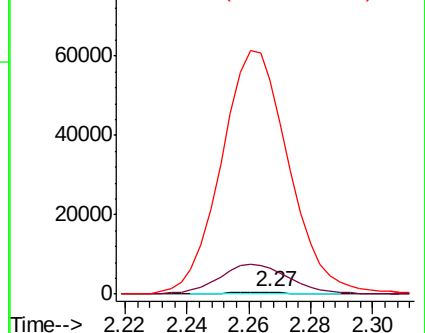
63 9452.9 162.3 301.5#

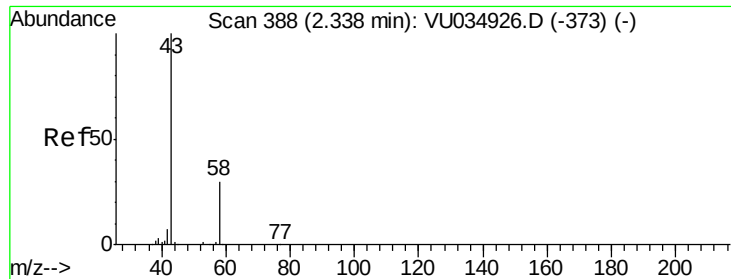


Abundance Ion 96.00 (95.70 to 96.70): VU034926.D (-355) (-)

Ion 61.05 (60.75 to 61.75): VU034926.D (-355) (-)

Ion 63.00 (62.70 to 63.70): VU034926.D (-355) (-)





#13

Acetone

Concen: 1.960 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU034945.D

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MSVOA_U

ClientSampleId :

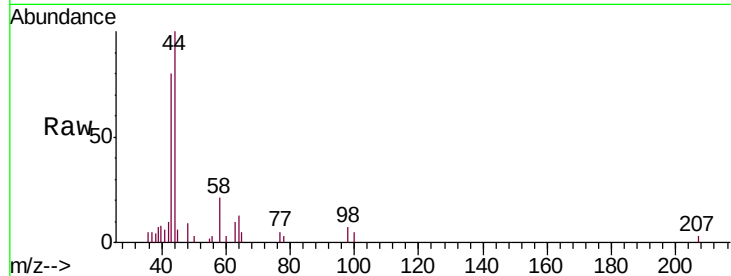
C0AC4

Tgt Ion: 43 Resp: 5545

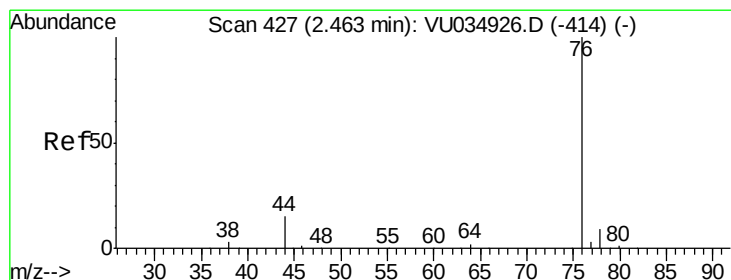
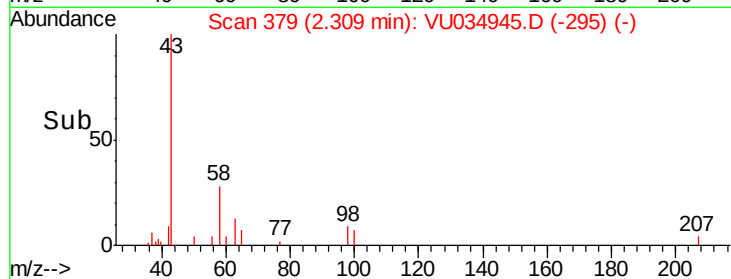
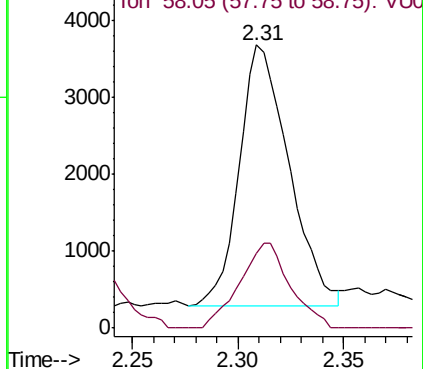
Ion Ratio Lower Upper

43 100

58 33.0 0.0 54.0



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



#14

Carbon disulfide

Concen: 0.118 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VU034945.D

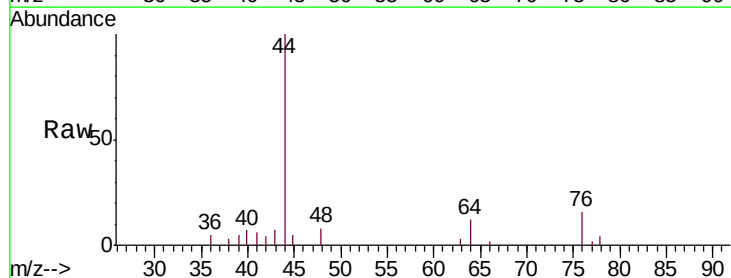
Acq: 04 Oct 2019 19:15

Tgt Ion: 76 Resp: 1263

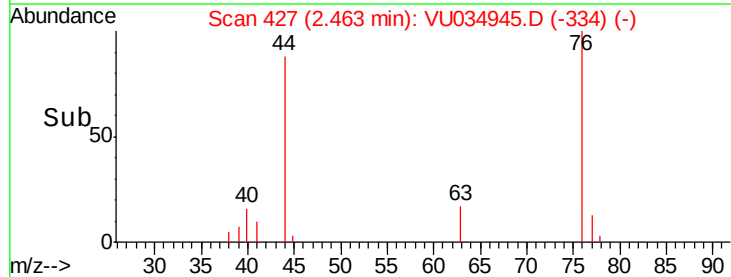
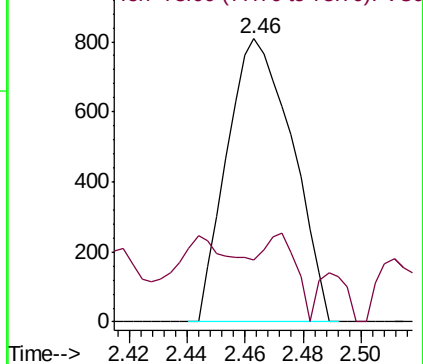
Ion Ratio Lower Upper

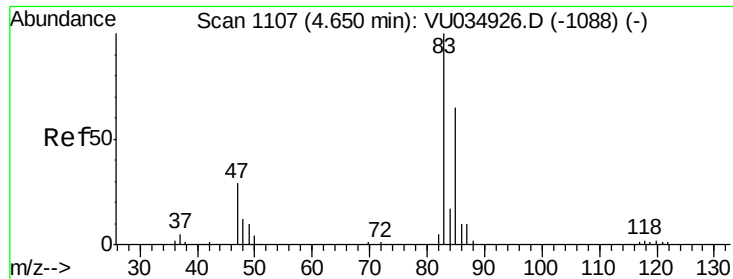
76 100

78 21.9 7.9 11.9#



Abundance Ion 76.05 (75.75 to 76.75): VU034926.D (-414) (-)

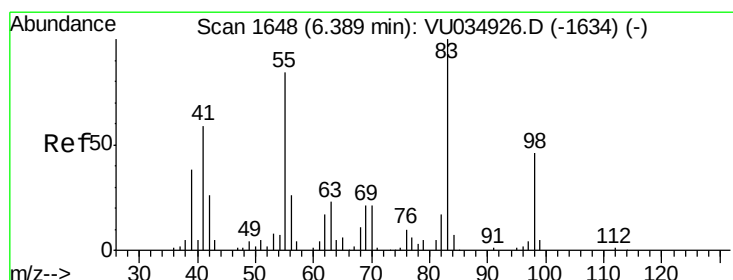
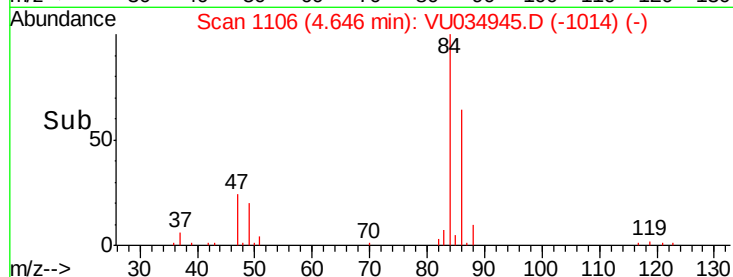
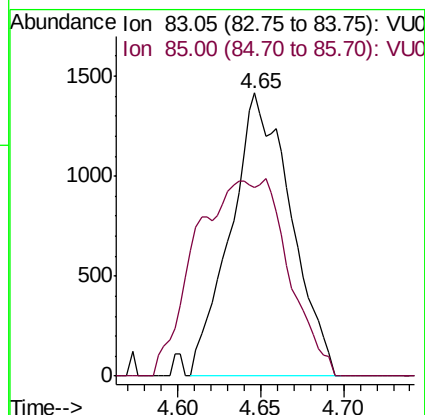
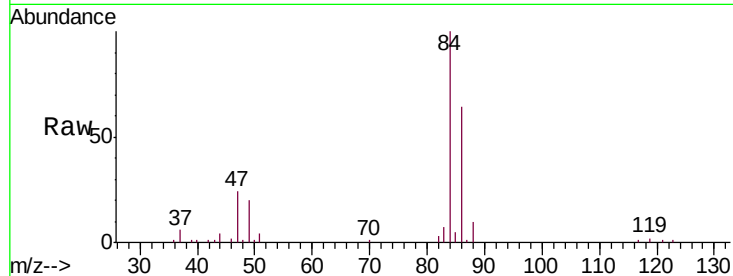




#25
Chloroform
Concen: 0.146 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU034945.D
Acq: 04 Oct 2019 19:15

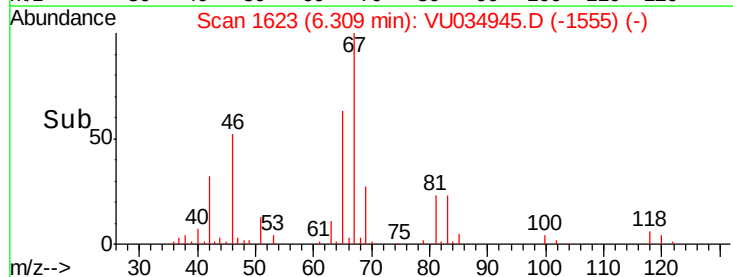
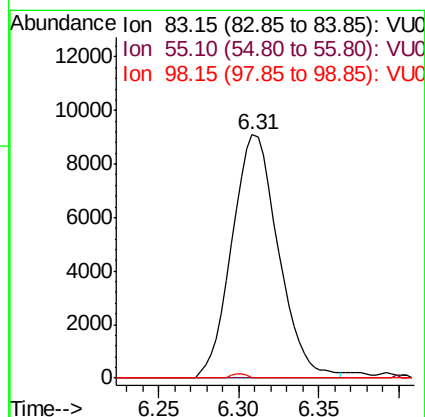
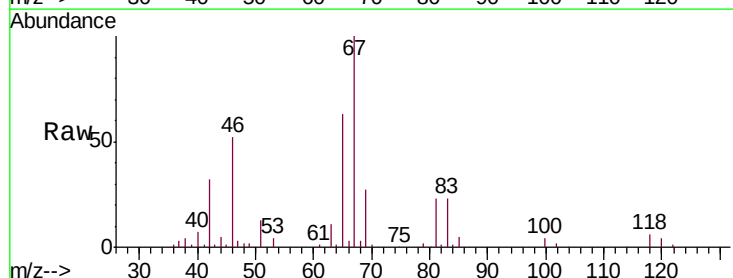
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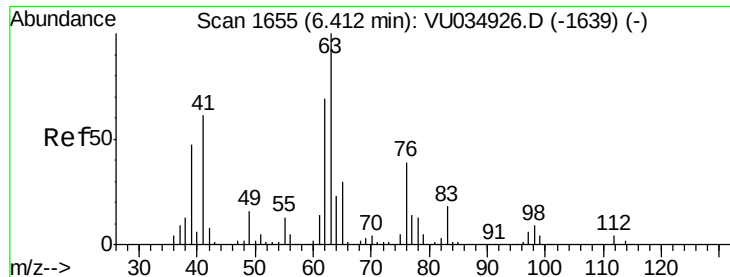
Tgt Ion: 83 Resp: 3586
Ion Ratio Lower Upper
83 100
85 66.5 45.2 84.0



#35
Methylcyclohexane
Concen: 1.416 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034945.D
Acq: 04 Oct 2019 19:15

Tgt Ion: 83 Resp: 18062
Ion Ratio Lower Upper
83 100
55 0.1 68.9 103.3#
98 0.6 36.6 54.8#

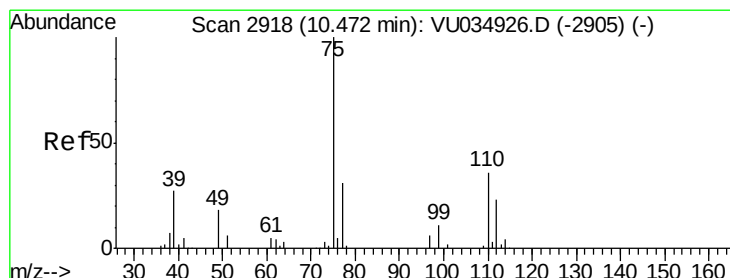
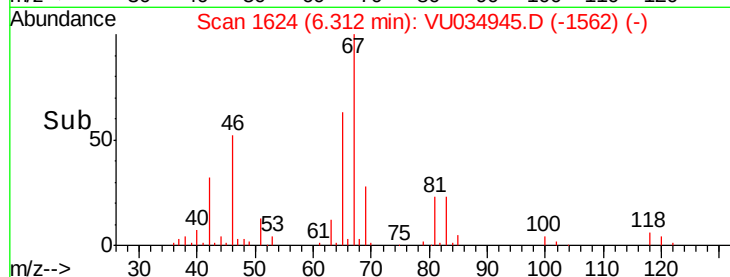
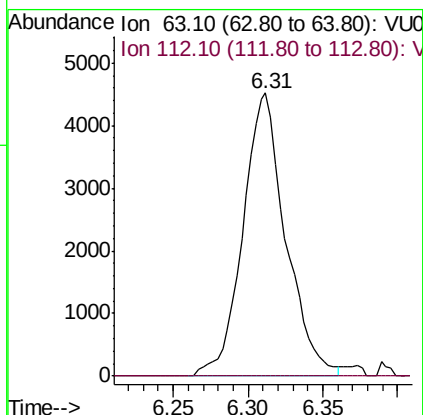
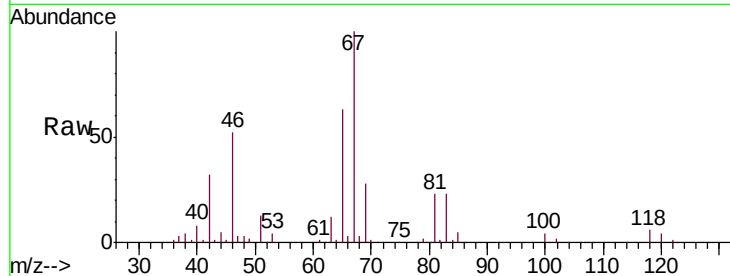




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034945.D
 Acq: 04 Oct 2019 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC4

Tgt Ion: 63 Resp: 8977
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#59
 1,2,3-Trichloropropane
 Concen: 1.072 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034945.D
 Acq: 04 Oct 2019 19:15

Tgt Ion: 75 Resp: 10113
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.5 39.7

