

Data File : VU035065.D
Acq On : 10 Oct 2019 22:14
Operator : JC/SP
Sample : K5268-10MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAW2MS

Quant Time: Oct 11 04:46:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	152789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	155785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48391	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.68	69	45650	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.26	63	94870	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.17	46	147912	55.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.22%
24) Chloroform-d	4.62	84	90531	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.29	65	52983	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.32	84	181910	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.31	67	63187	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.55	98	158665	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	17855	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.30	63	103869	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53160	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	54267	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

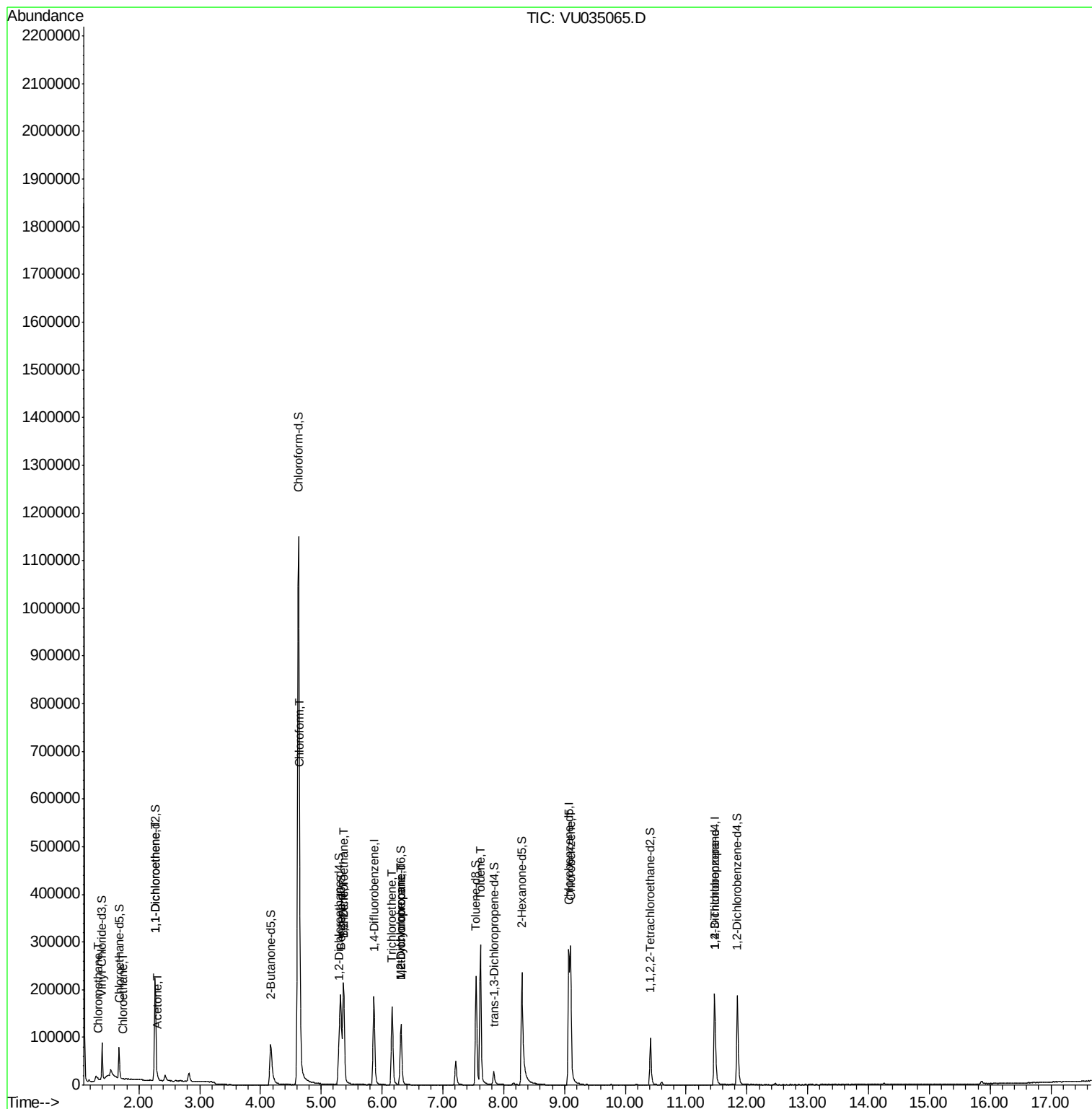
					Qvalue
3) Chloromethane	1.33	50	2719	0.178 ug/L	96
8) Chloroethane	1.74	64	1120	0.124 ug/L #	49
12) 1,1-Dichloroethene	2.27	96	39727	4.048 ug/L	90
13) Acetone	2.31	43	7071	3.246 ug/L	92
25) Chloroform	4.65	83	3935	0.168 ug/L	95
27) 1,2-Dichloroethane	5.37	62	1926	0.141 ug/L #	77
33) Benzene	5.37	78	211168	4.500 ug/L	100
34) Trichloroethene	6.16	95	59698	4.933 ug/L	99
35) Methylcyclohexane	6.31	83	14354	0.732 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	6828	0.539 ug/L #	91
42) Toluene	7.62	91	223884	4.571 ug/L	97
51) Chlorobenzene	9.10	112	155719	4.906 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	8271	1.009 ug/L #	42

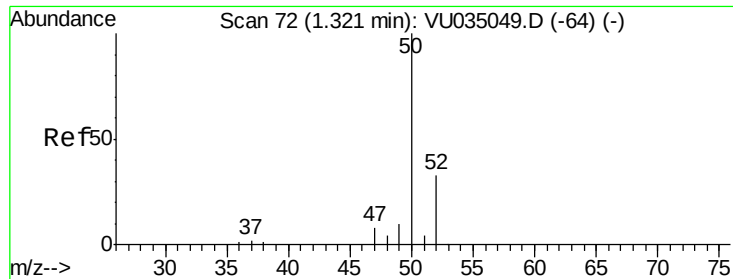
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

Instrument :

MSVOA_U

ClientSampleId :

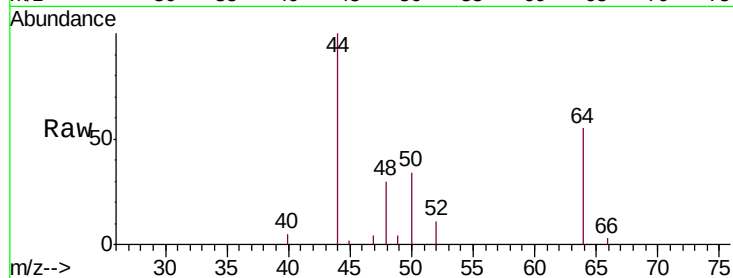
DBAW2MS

Tgt Ion: 50 Resp: 2719

Ion Ratio Lower Upper

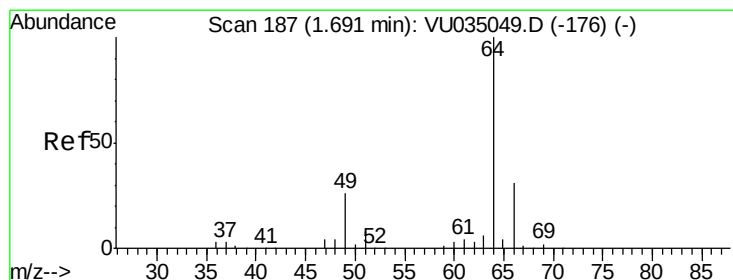
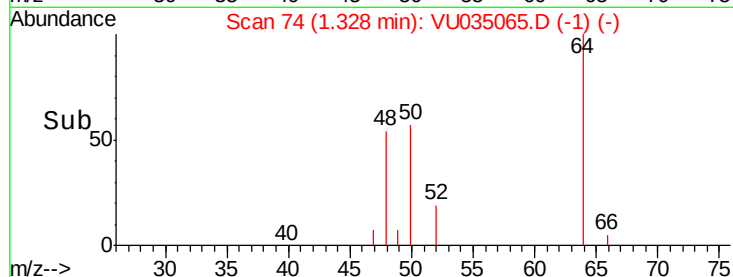
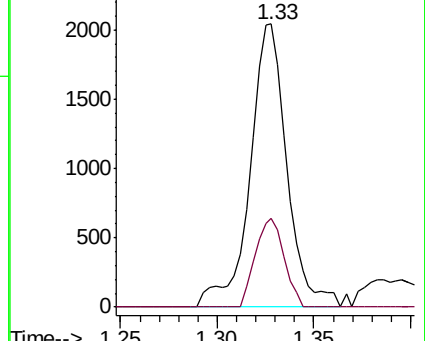
50 100

52 31.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035049.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035049.D (-64) (-)



#8

Chloroethane

Concen: 0.124 ug/L

RT: 1.74 min Scan# 203

Delta R.T. 0.05 min

Lab File: VU035065.D

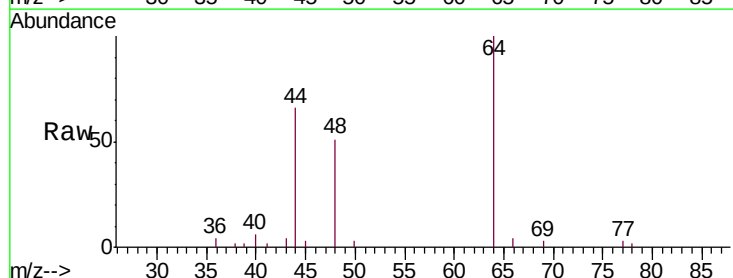
Acq: 10 Oct 2019 22:14

Tgt Ion: 64 Resp: 1120

Ion Ratio Lower Upper

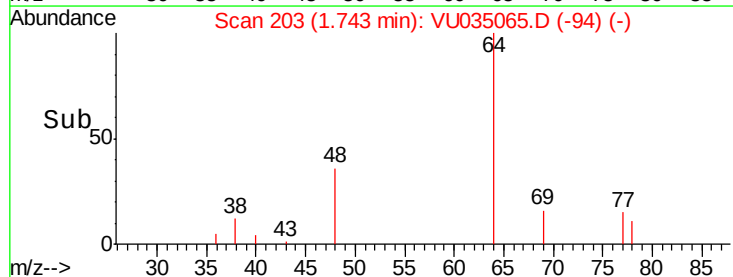
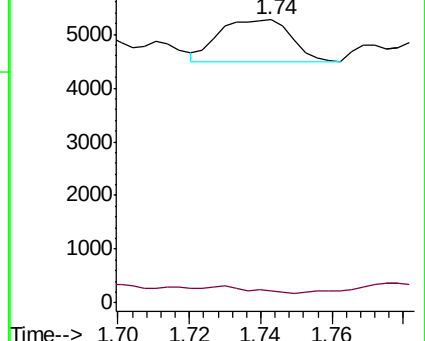
64 100

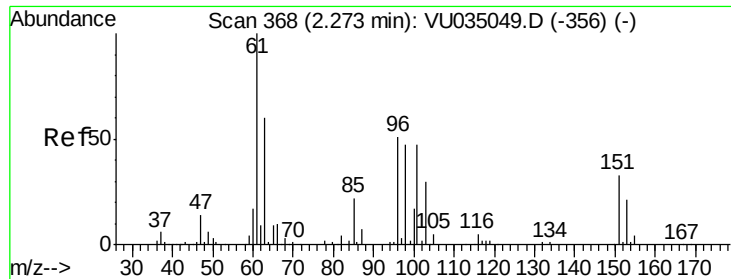
66 4.3 23.2 43.2#



Abundance Ion 64.10 (63.80 to 64.80): VU035049.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU035049.D (-176) (-)

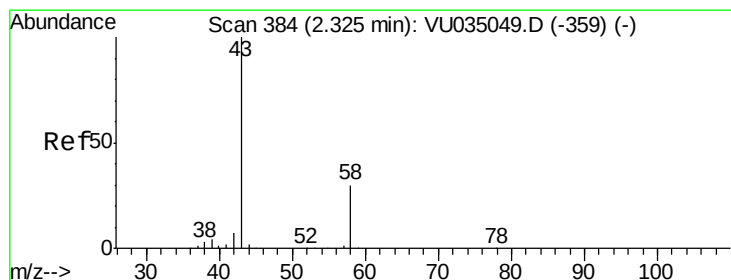
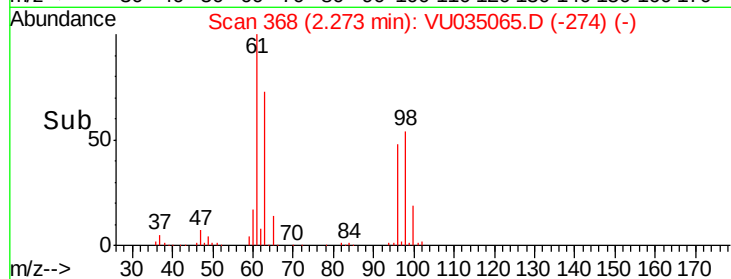
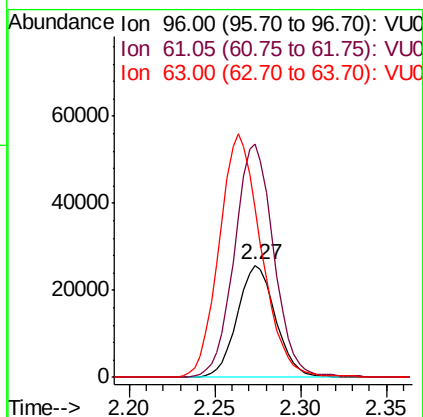
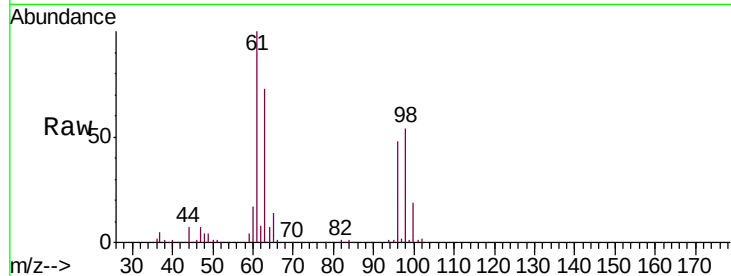




#12
 1,1-Dichloroethene
 Concen: 4.048 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU035065.D
 Acq: 10 Oct 2019 22:14

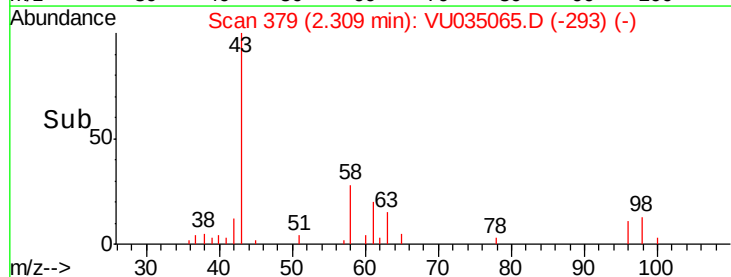
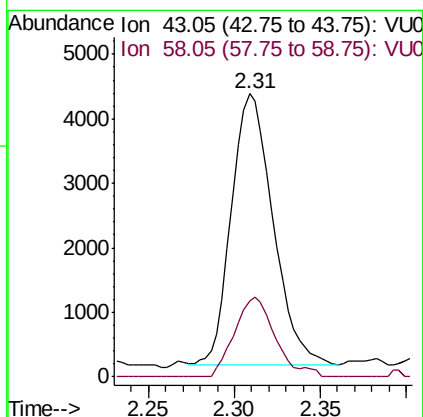
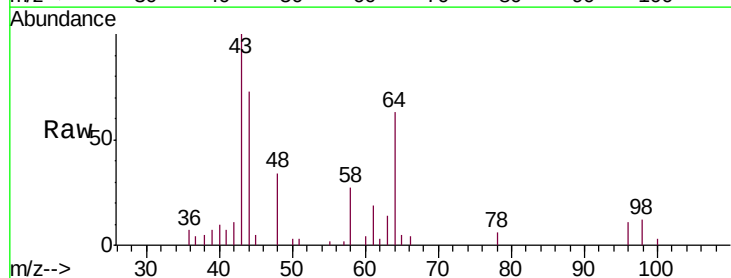
Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW2MS

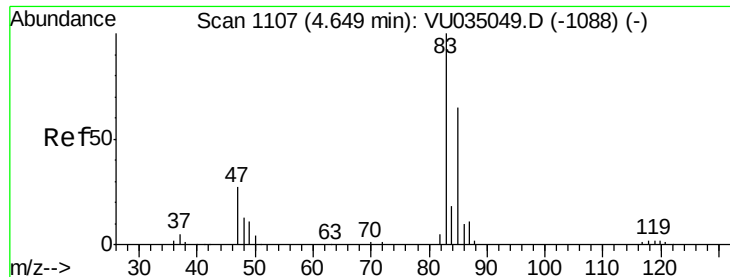
Tgt Ion: 96 Resp: 39727
 Ion Ratio Lower Upper
 96 100
 61 208.3 129.3 240.1
 63 151.2 108.9 202.3



#13
 Acetone
 Concen: 3.246 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: VU035065.D
 Acq: 10 Oct 2019 22:14

Tgt Ion: 43 Resp: 7071
 Ion Ratio Lower Upper
 43 100
 58 28.6 0.0 66.6

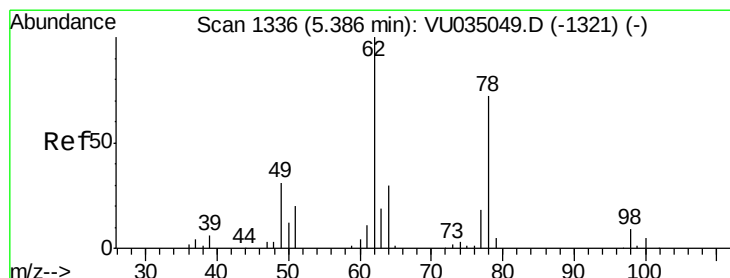
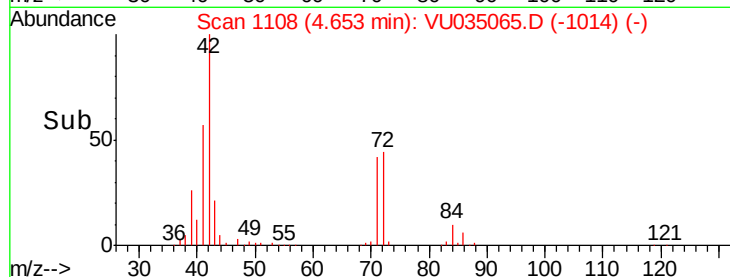
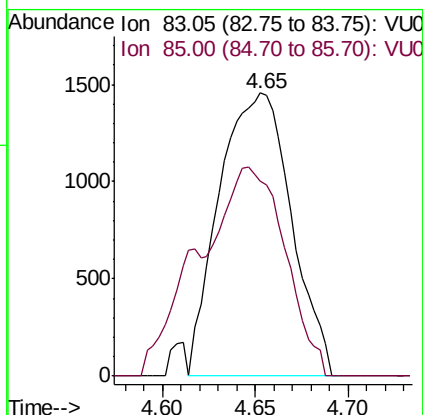
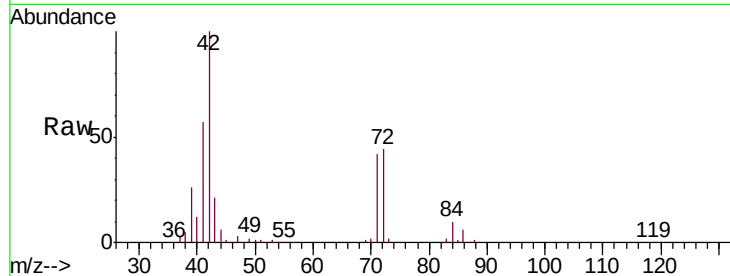




#25
Chloroform
Concen: 0.168 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035065.D
Acq: 10 Oct 2019 22:14

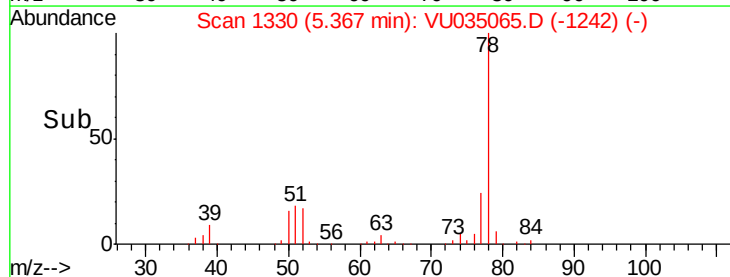
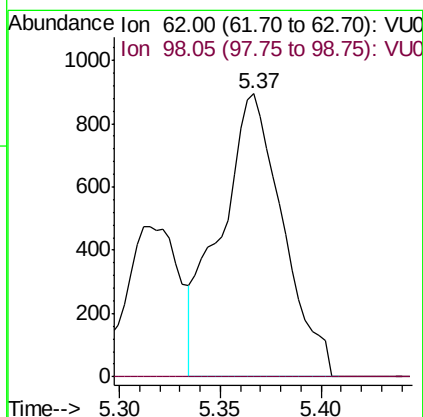
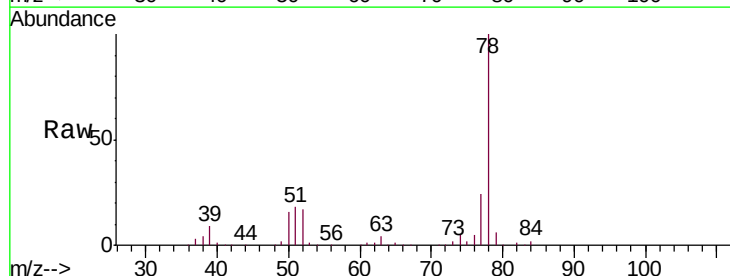
Instrument :
MSVOA_U
ClientSampled :
DBAW2MS

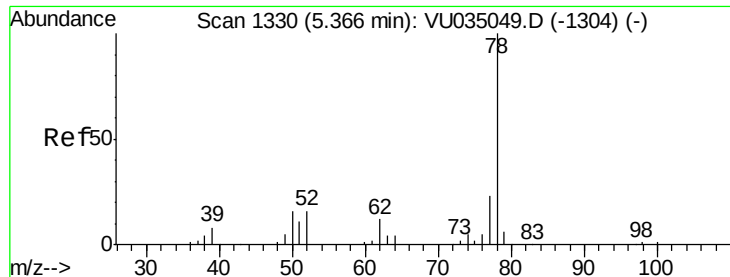
Tgt Ion: 83 Resp: 3935
Ion Ratio Lower Upper
83 100
85 68.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.141 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VU035065.D
Acq: 10 Oct 2019 22:14

Tgt Ion: 62 Resp: 1926
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#33

Benzene

Concen: 4.500 ug/L

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

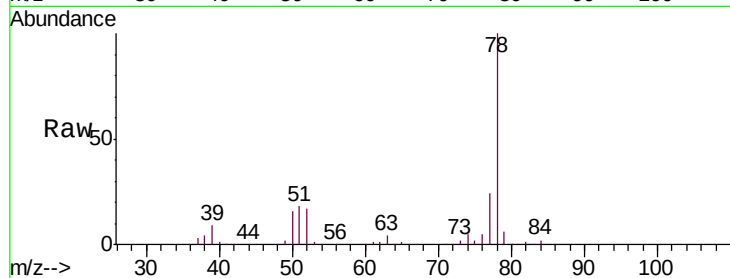
Instrument :

MSVOA_U

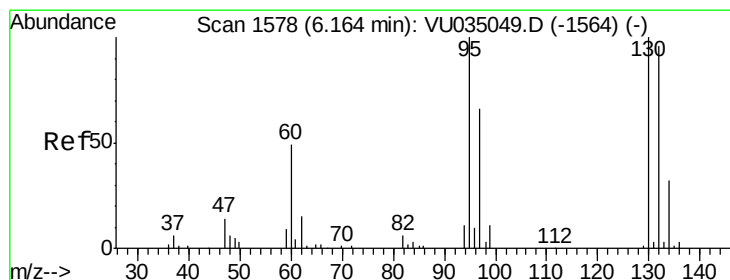
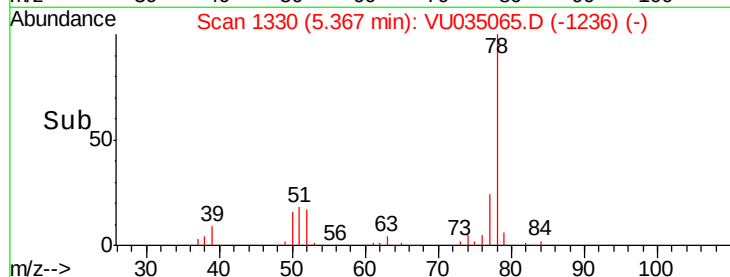
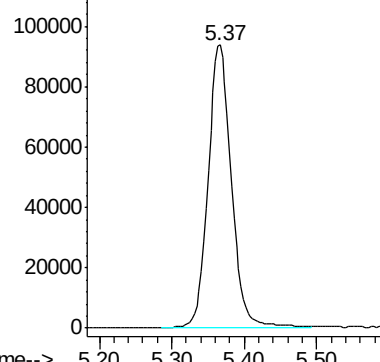
ClientSampleId :

DBAW2MS

Tgt Ion: 78 Resp: 211168



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.933 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

Tgt Ion: 95 Resp: 59698

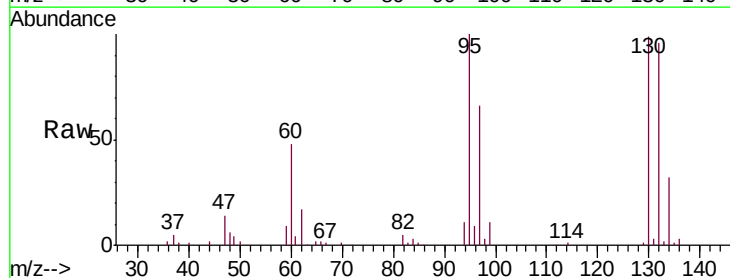
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.5	82.7
132	96.1	66.6	123.8
130	99.1	68.9	127.9

95 100

97 66.1 44.5 82.7

132 96.1 66.6 123.8

130 99.1 68.9 127.9

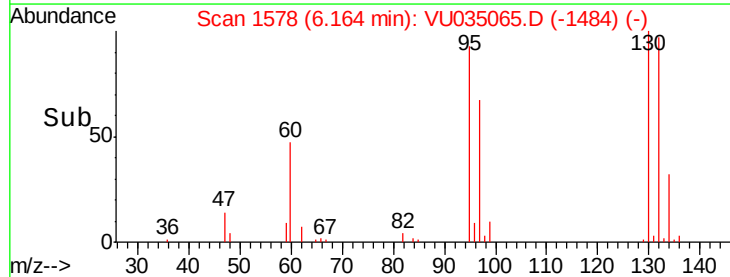
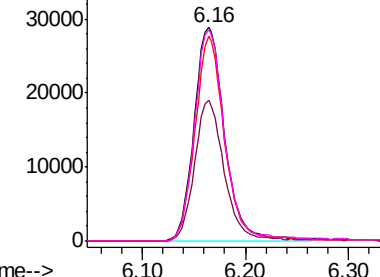


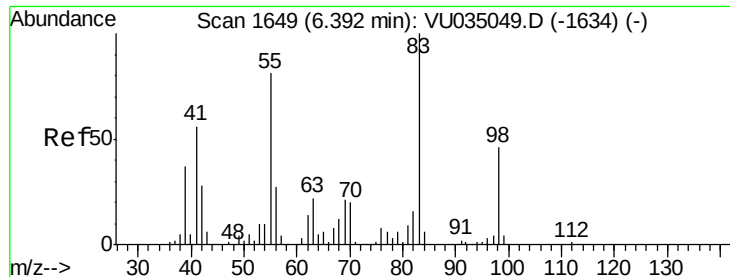
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

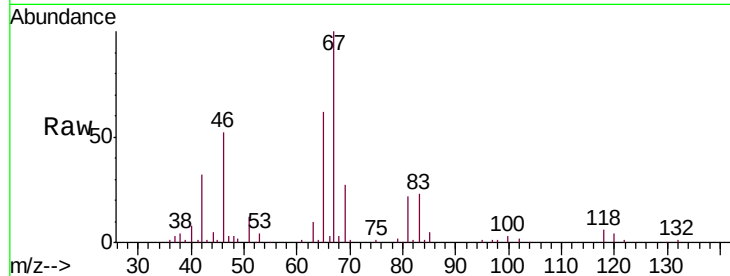




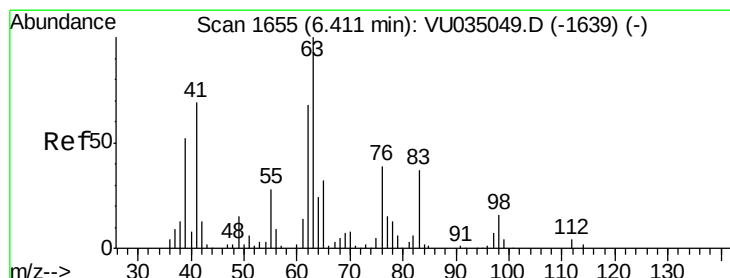
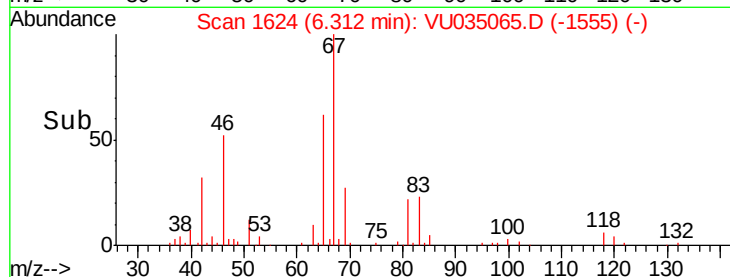
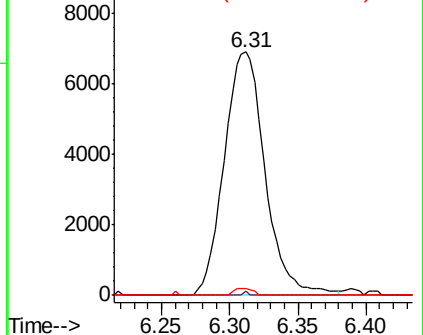
#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035065.D
Acq: 10 Oct 2019 22:14

Instrument :
MSVOA_U
ClientSampleId :
DBAW2MS

Tgt Ion: 83 Resp: 14354
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 1.3 36.2 54.2#

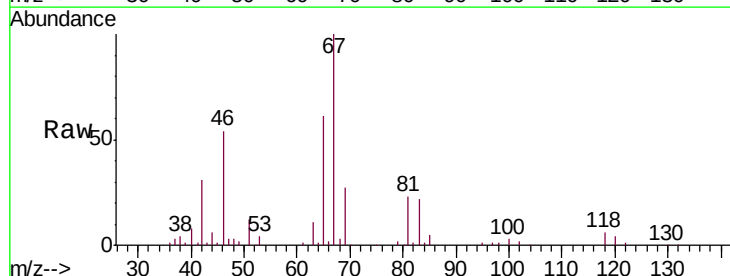


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

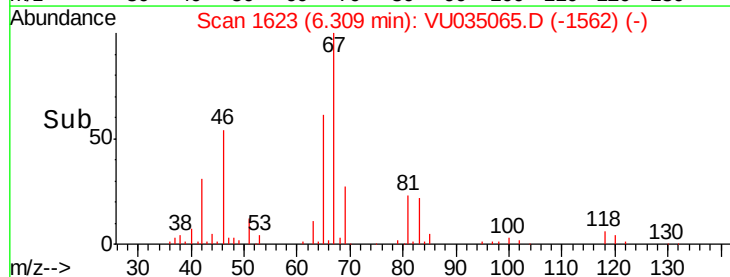
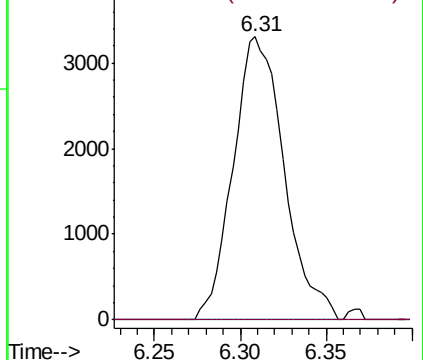


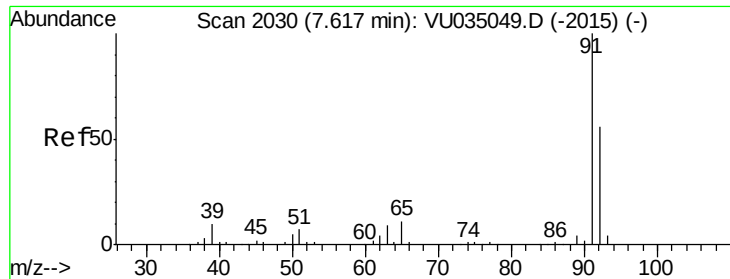
#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035065.D
Acq: 10 Oct 2019 22:14

Tgt Ion: 63 Resp: 6828
Ion Ratio Lower Upper
63 100
112 1.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.571 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

Instrument :

MSVOA_U

ClientSampleId :

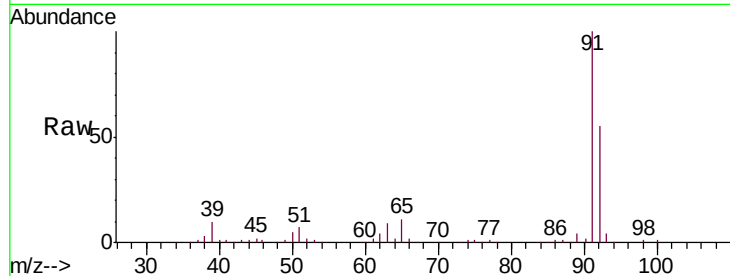
DBAW2MS

Tgt Ion: 91 Resp: 223884

Ion Ratio Lower Upper

91 100

92 54.8 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035049.D (-2015) (-)

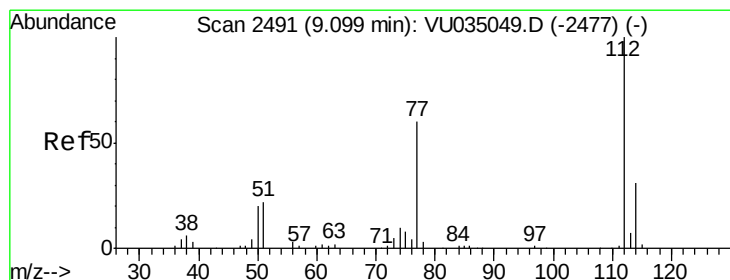
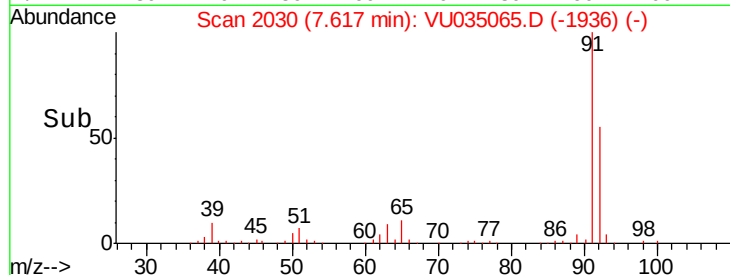
7.62

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.906 ug/L

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

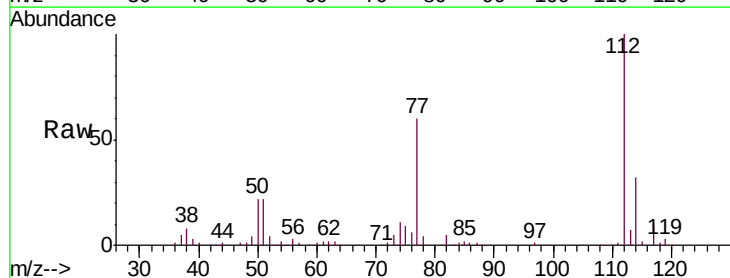
Tgt Ion: 112 Resp: 155719

Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 59.9 46.9 70.3



Abundance Ion 112.10 (111.80 to 112.80): VU035049.D (-2477) (-)

Ion 114.05 (113.75 to 114.75): VU035049.D (-2477) (-)

Ion 77.10 (76.80 to 77.80): VU035049.D (-2477) (-)

9.10

100000

80000

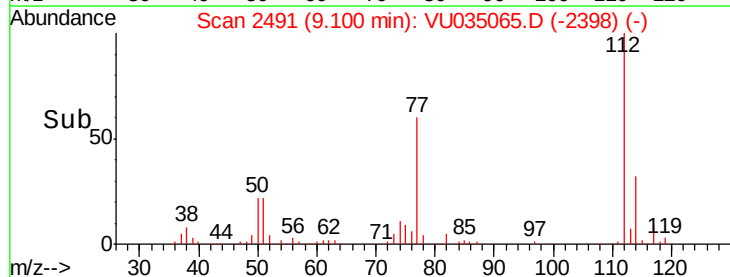
60000

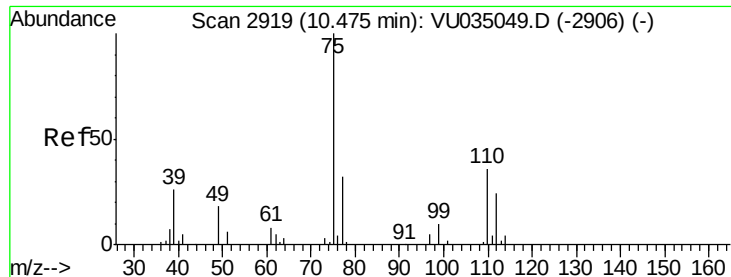
40000

20000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.009 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

Instrument :

MSVOA_U

ClientSampleId :

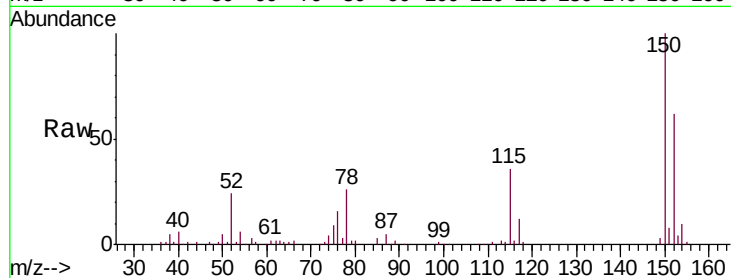
DBAW2MS

Tgt Ion: 75 Resp: 8271

Ion Ratio Lower Upper

75 100

77 0.0 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

