

Data File : VU035066.D
Acq On : 10 Oct 2019 22:39
Operator : JC/SP
Sample : K5268-11MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAW2MSD

Quant Time: Oct 11 04:46:21 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	161693	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65198	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50295	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.68	69	46919	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.26	63	96207	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.17	46	152410	54.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.62	84	95768	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.29	65	53309	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.32	84	187295	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	66401	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.55	98	163692	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.84	79	19744	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.30	63	106193	47.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55227	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	57427	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

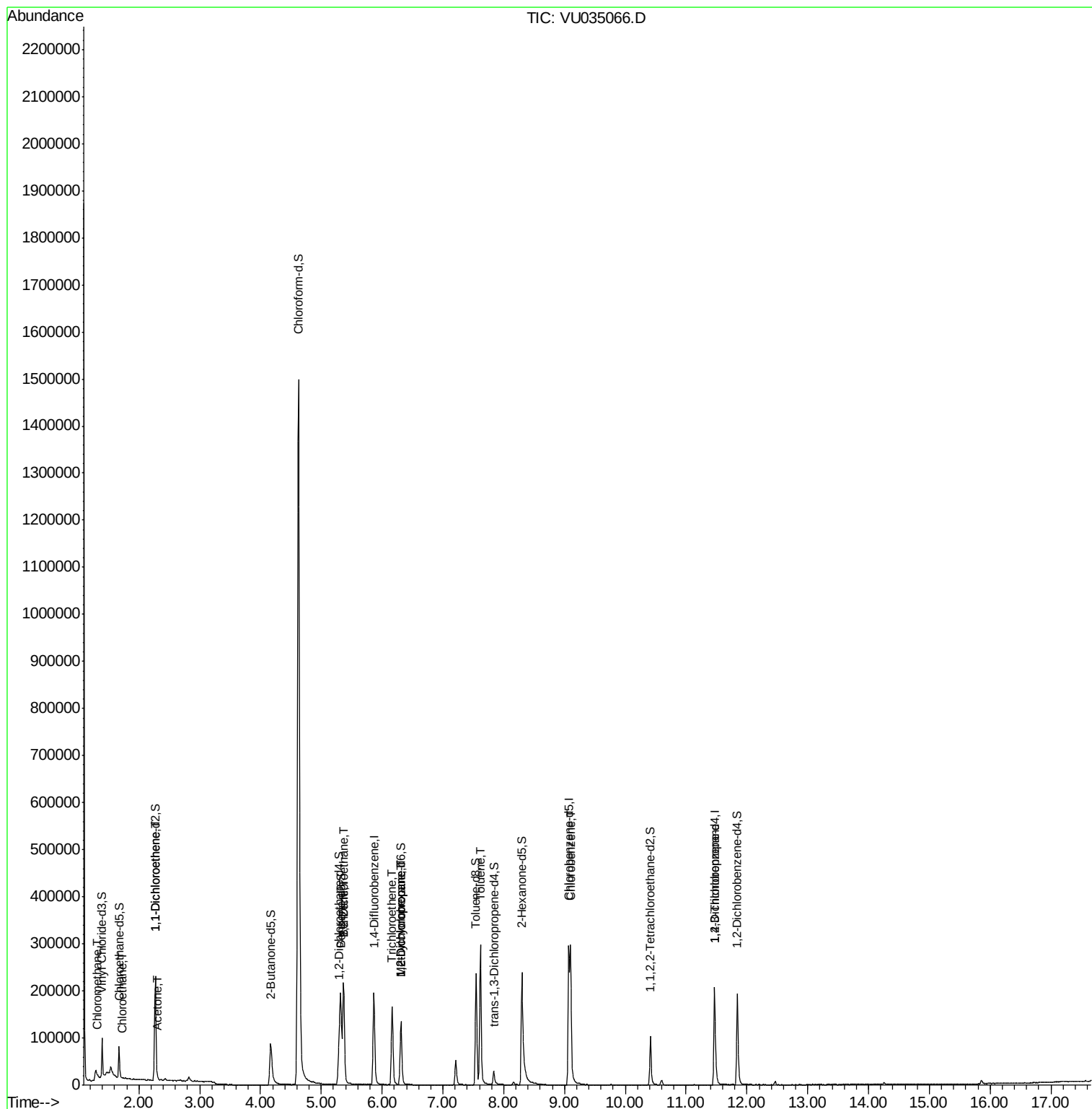
					Qvalue
3) Chloromethane	1.32	50	2237	0.138 ug/L	96
8) Chloroethane	1.72	64	861	0.090 ug/L #	49
12) 1,1-Dichloroethene	2.27	96	42107	4.054 ug/L	96
13) Acetone	2.31	43	4629	2.008 ug/L	95
27) 1,2-Dichloroethane	5.37	62	2061	0.142 ug/L #	77
33) Benzene	5.36	78	212722	4.268 ug/L	100
34) Trichloroethene	6.16	95	58568	4.557 ug/L	99
35) Methylcyclohexane	6.31	83	14686	0.705 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7200	0.536 ug/L #	88
42) Toluene	7.62	91	223186	4.290 ug/L	100
51) Chlorobenzene	9.10	112	159417	4.729 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	8312	0.955 ug/L	96

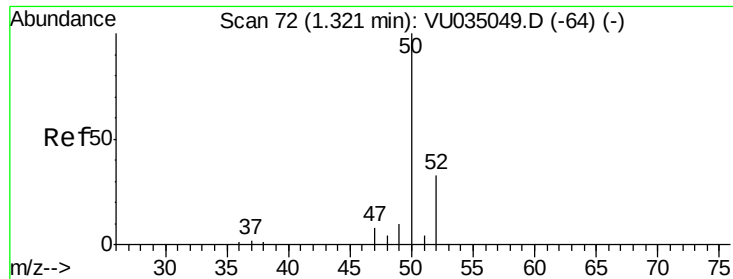
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035066.D

Acq: 10 Oct 2019 22:39

Instrument :

MSVOA_U

ClientSampleId :

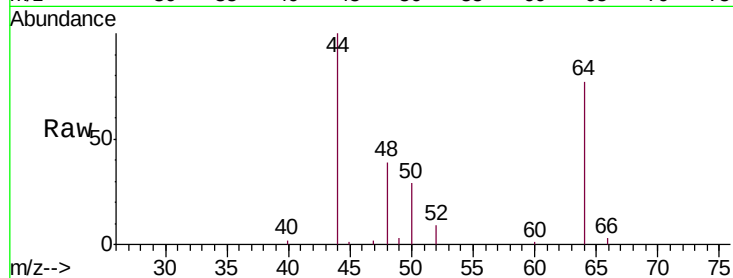
DBAW2MSD

Tgt Ion: 50 Resp: 2237

Ion Ratio Lower Upper

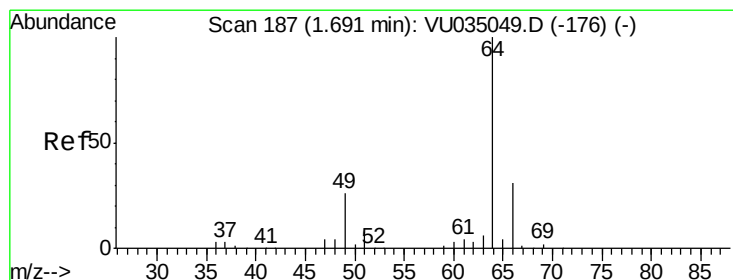
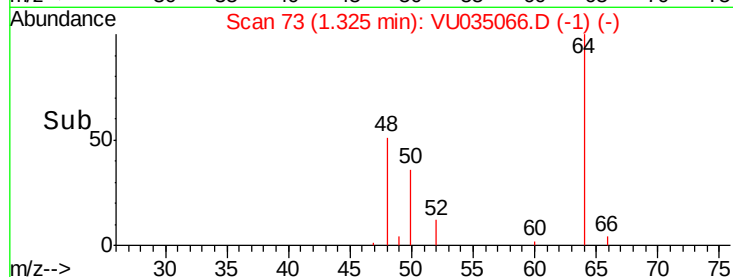
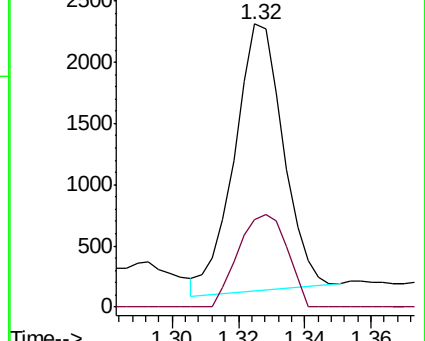
50 100

52 30.8 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: 0.090 ug/L

RT: 1.72 min Scan# 197

Delta R.T. 0.03 min

Lab File: VU035066.D

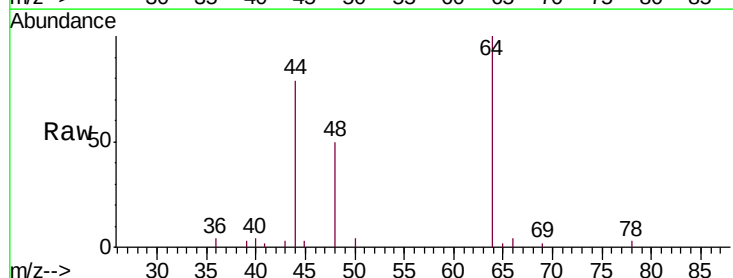
Acq: 10 Oct 2019 22:39

Tgt Ion: 64 Resp: 861

Ion Ratio Lower Upper

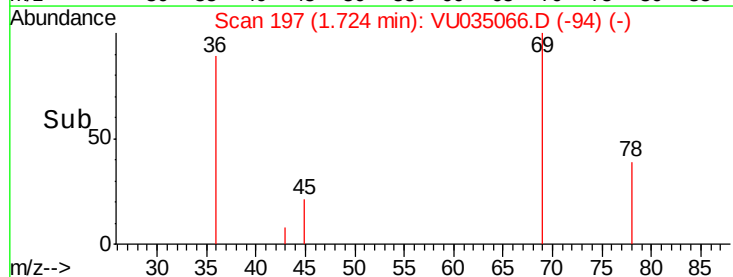
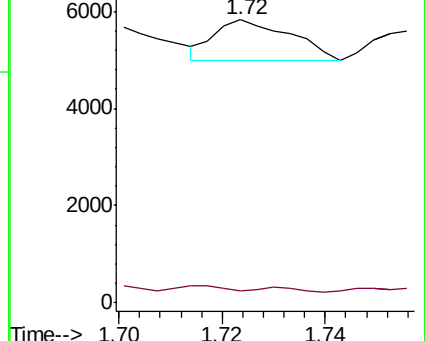
64 100

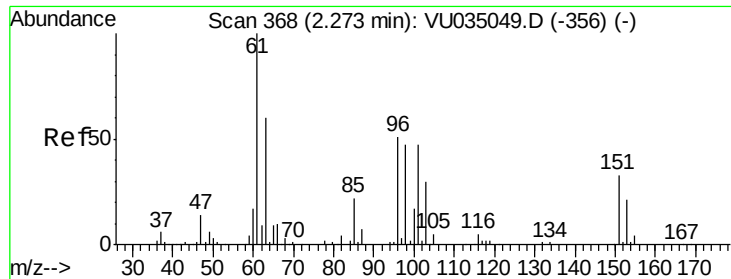
66 4.2 23.2 43.2#



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

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

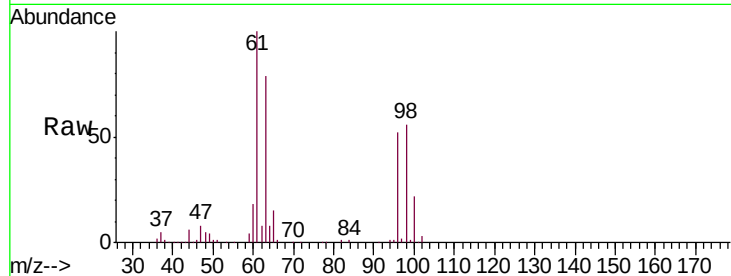




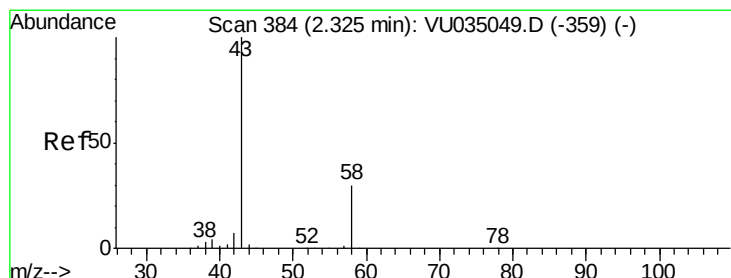
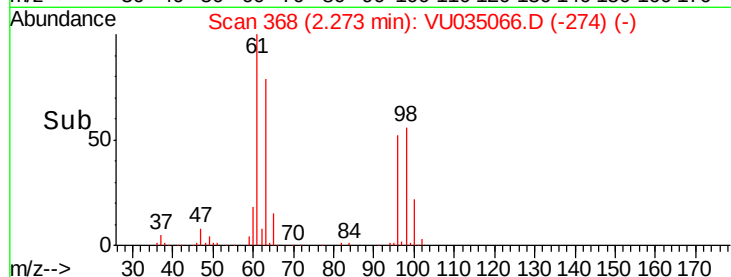
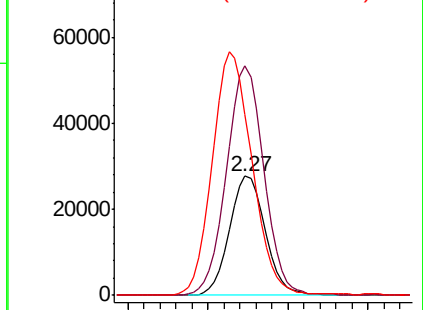
#12
 1,1-Dichloroethene
 Concen: 4.054 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU035066.D
 Acq: 10 Oct 2019 22:39

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW2MSD

Tgt Ion: 96 Resp: 42107
 Ion Ratio Lower Upper
 96 100
 61 192.7 129.3 240.1
 63 151.3 108.9 202.3

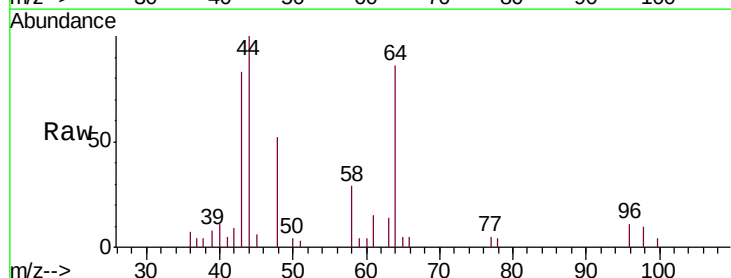


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

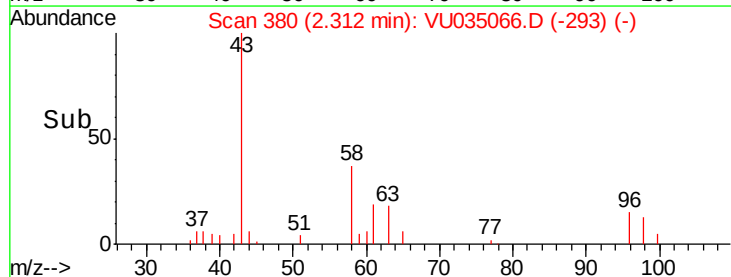
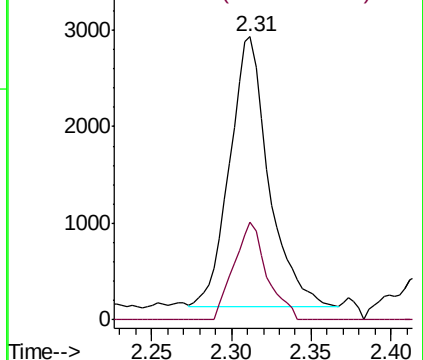


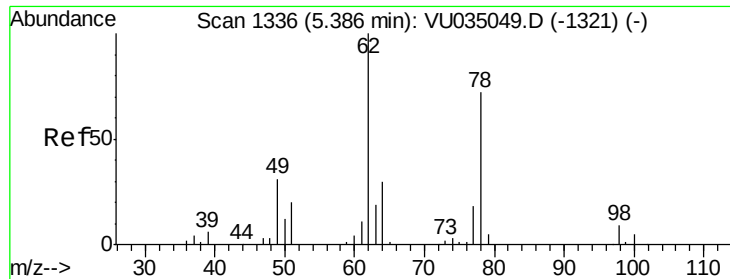
#13
 Acetone
 Concen: 2.008 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VU035066.D
 Acq: 10 Oct 2019 22:39

Tgt Ion: 43 Resp: 4629
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

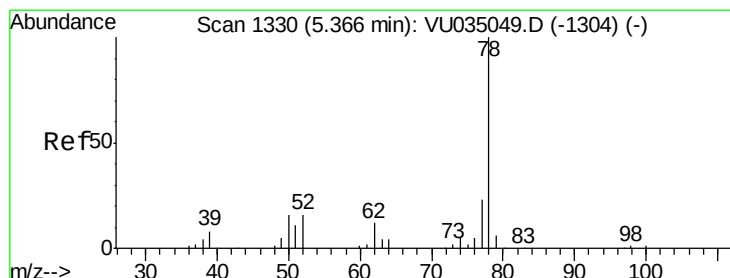
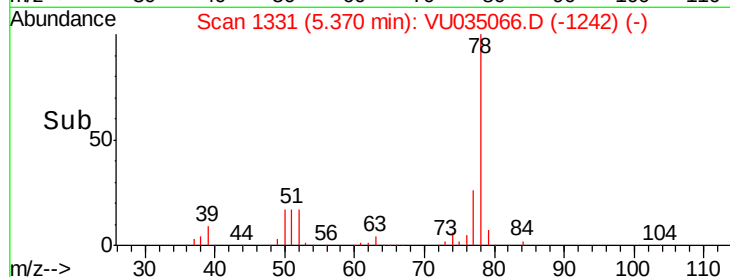
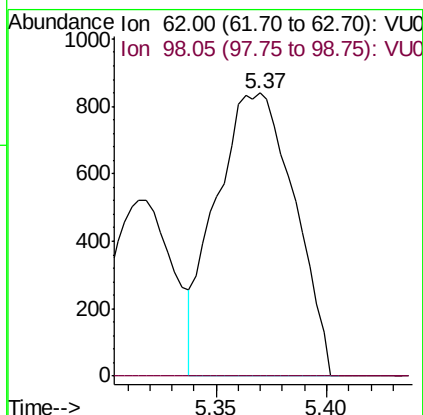
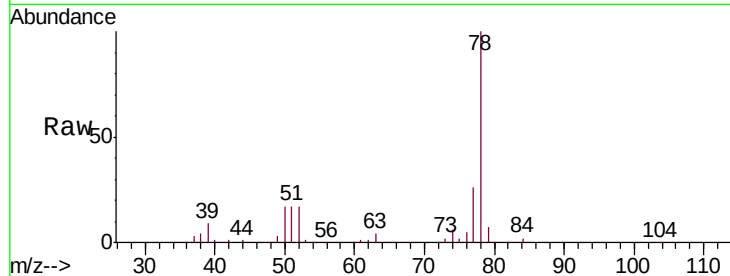




#27
 1,2-Dichloroethane
 Concen: 0.142 ug/L
 RT: 5.37 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VU035066.D
 Acq: 10 Oct 2019 22:39

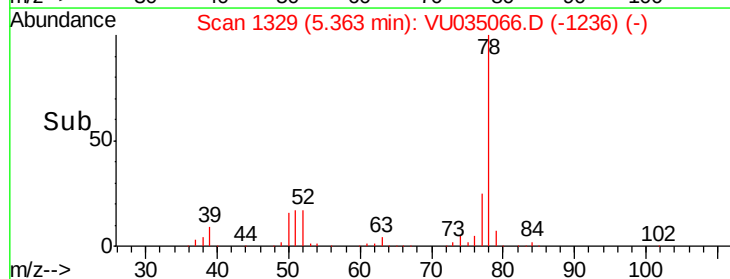
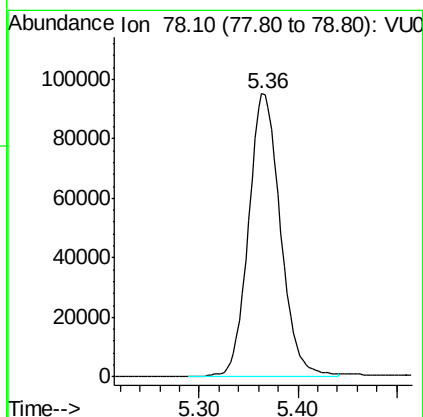
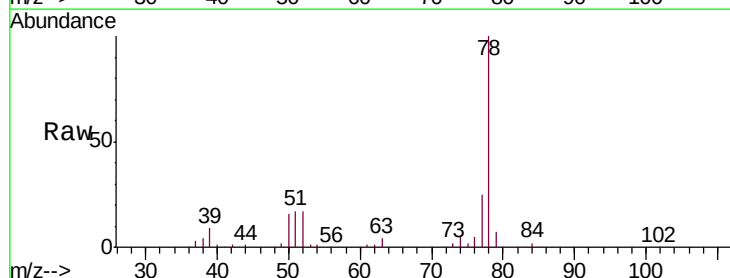
Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW2MSD

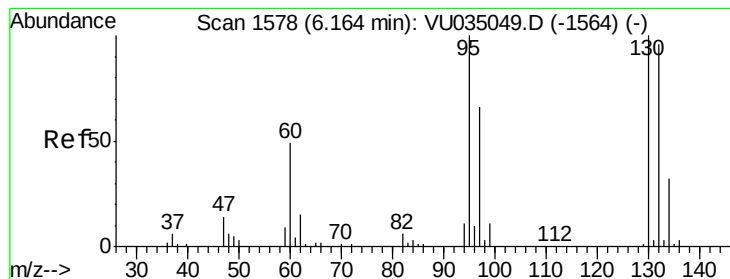
Tgt Ion: 62 Resp: 2061
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#33
 Benzene
 Concen: 4.268 ug/L
 RT: 5.36 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VU035066.D
 Acq: 10 Oct 2019 22:39

Tgt Ion: 78 Resp: 212722





#34

Trichloroethene

Concen: 4.557 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035066.D

Acq: 10 Oct 2019 22:39

Instrument :

MSVOA_U

ClientSampleId :

DBAW2MSD

Tgt Ion: 95 Resp: 58568

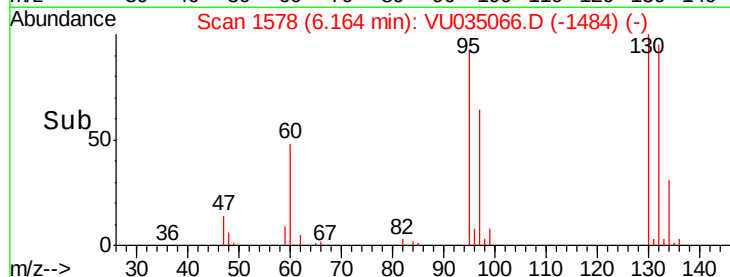
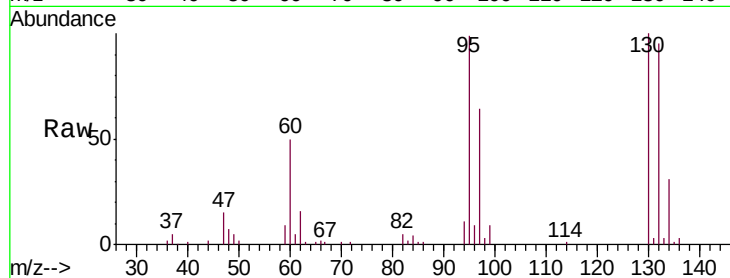
Ion Ratio Lower Upper

95 100

97 64.2 44.5 82.7

132 96.1 66.6 123.8

130 100.7 68.9 127.9

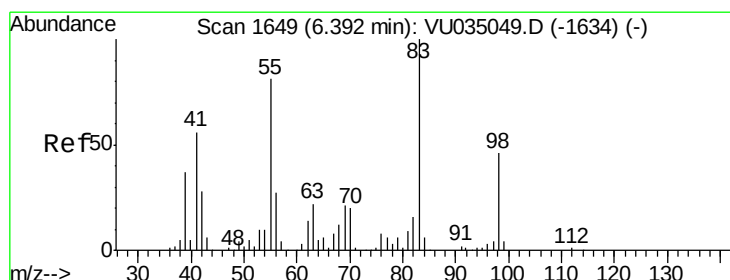
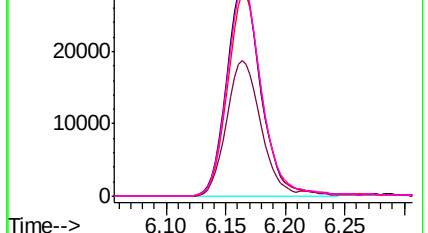


Abundance Ion 95.00 (94.70 to 95.70): VU035049.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU035049.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU035049.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU035049.D (-1564) (-)



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035066.D

Acq: 10 Oct 2019 22:39

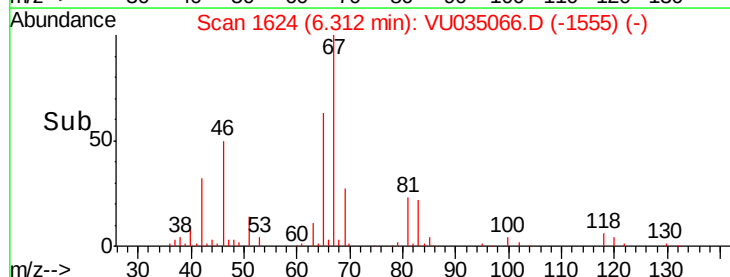
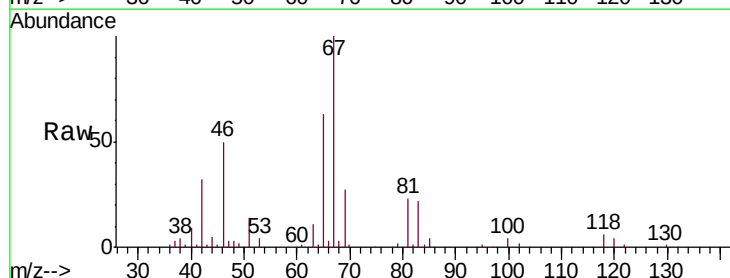
Tgt Ion: 83 Resp: 14686

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

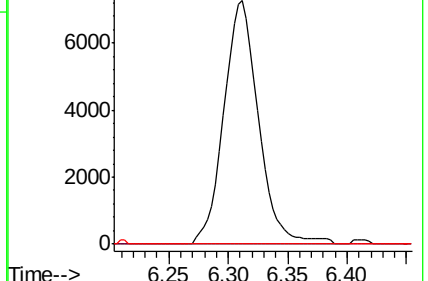
98 0.3 36.2 54.2#

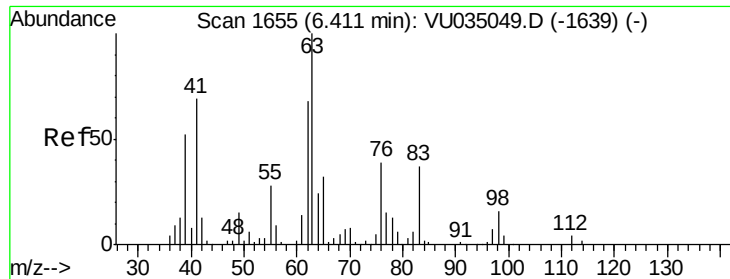


Abundance Ion 83.15 (82.85 to 83.85): VU035049.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VU035049.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VU035049.D (-1634) (-)

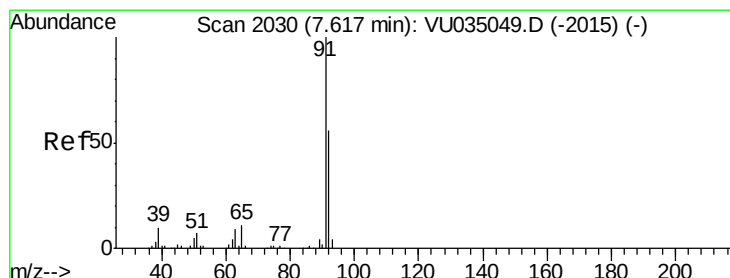
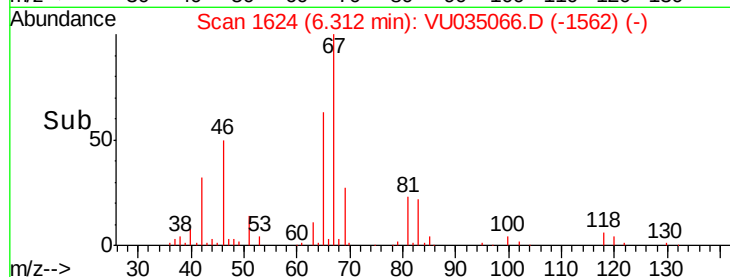
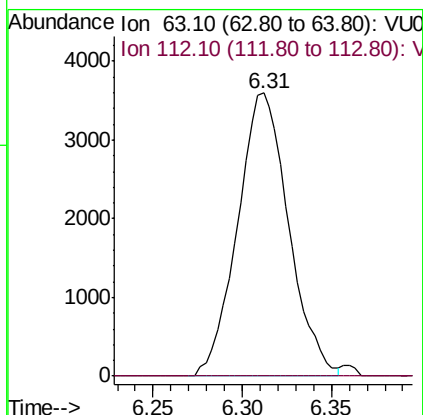
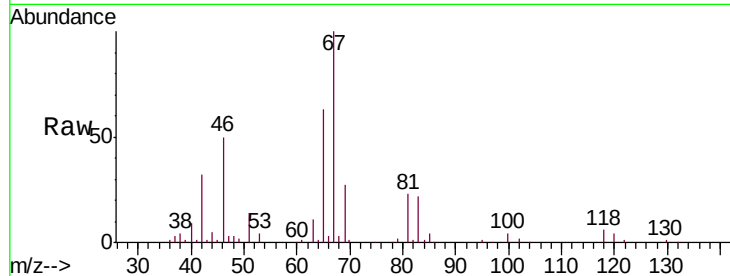




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU035066.D
 Acq: 10 Oct 2019 22:39

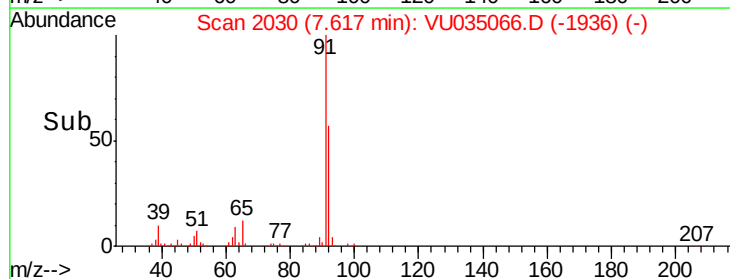
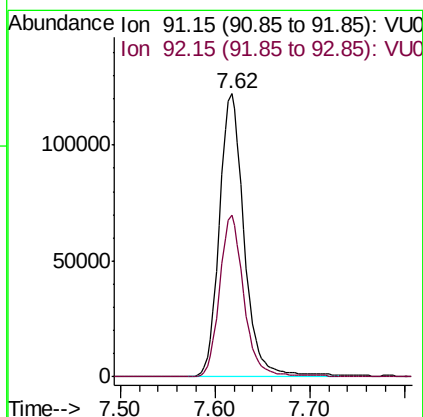
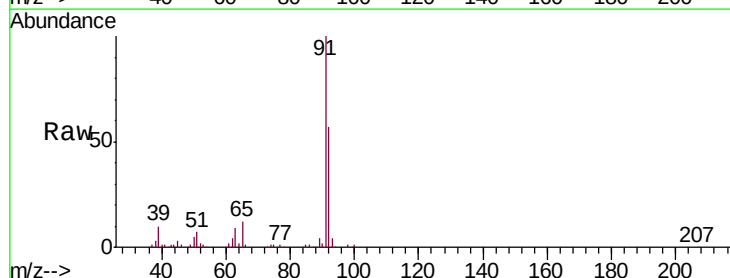
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 DBAW2MSD

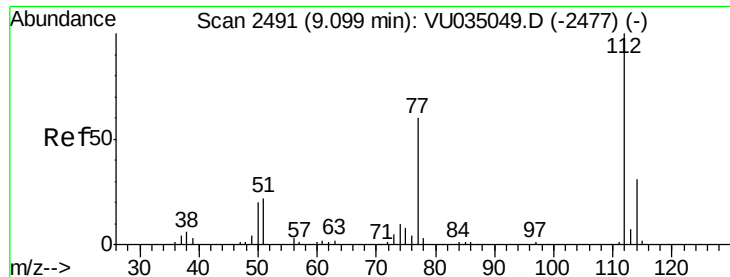
Tgt Ion: 63 Resp: 7200
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 4.290 ug/L
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU035066.D
 Acq: 10 Oct 2019 22:39

Tgt Ion: 91 Resp: 223186
 Ion Ratio Lower Upper
 91 100
 92 57.0 40.0 74.2

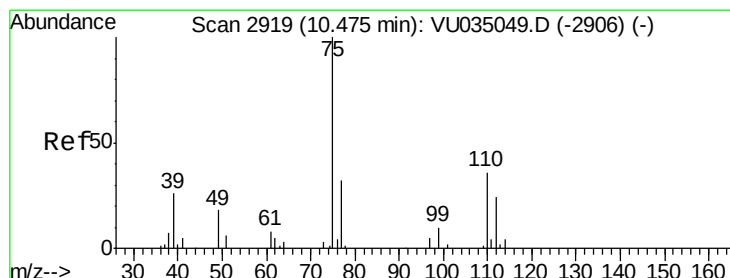
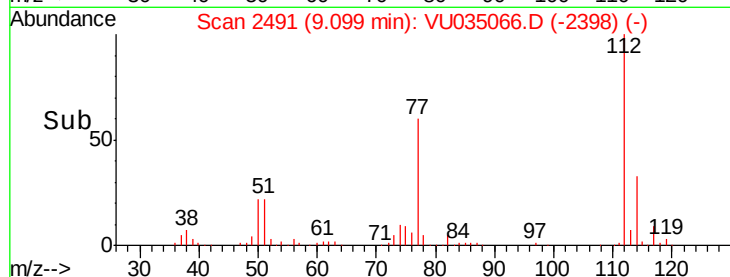
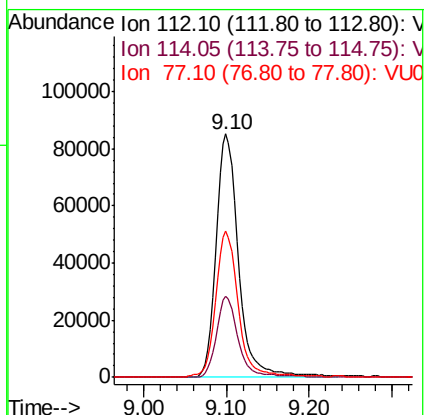
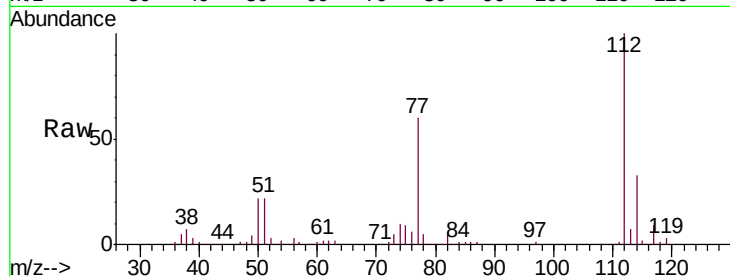




#51
Chlorobenzene
Concen: 4.729 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU035066.D
Acq: 10 Oct 2019 22:39

Instrument :
MSVOA_U
ClientSampleId :
DBAW2MSD

Tgt Ion: 112 Resp: 159417
Ion Ratio Lower Upper
112 100
114 33.4 22.1 41.1
77 59.9 46.9 70.3



#59
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035066.D
Acq: 10 Oct 2019 22:39

Tgt Ion: 75 Resp: 8312
Ion Ratio Lower Upper
75 100
77 35.5 26.5 39.7

