

Data File : VU035047.D
Acq On : 10 Oct 2019 14:44
Operator : JC/SP
Sample : K5268-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAW9

Quant Time: Oct 11 02:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	147747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	157151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62875	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36640	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.67	69	37387	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.26	63	56754	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.18	46	151456	58.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.78%
24) Chloroform-d	4.62	84	78999	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.29	65	51644	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.32	84	164862	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	61710	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.55	98	141713	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.84	79	17996	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.30	63	108874	51.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54224	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	56030	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

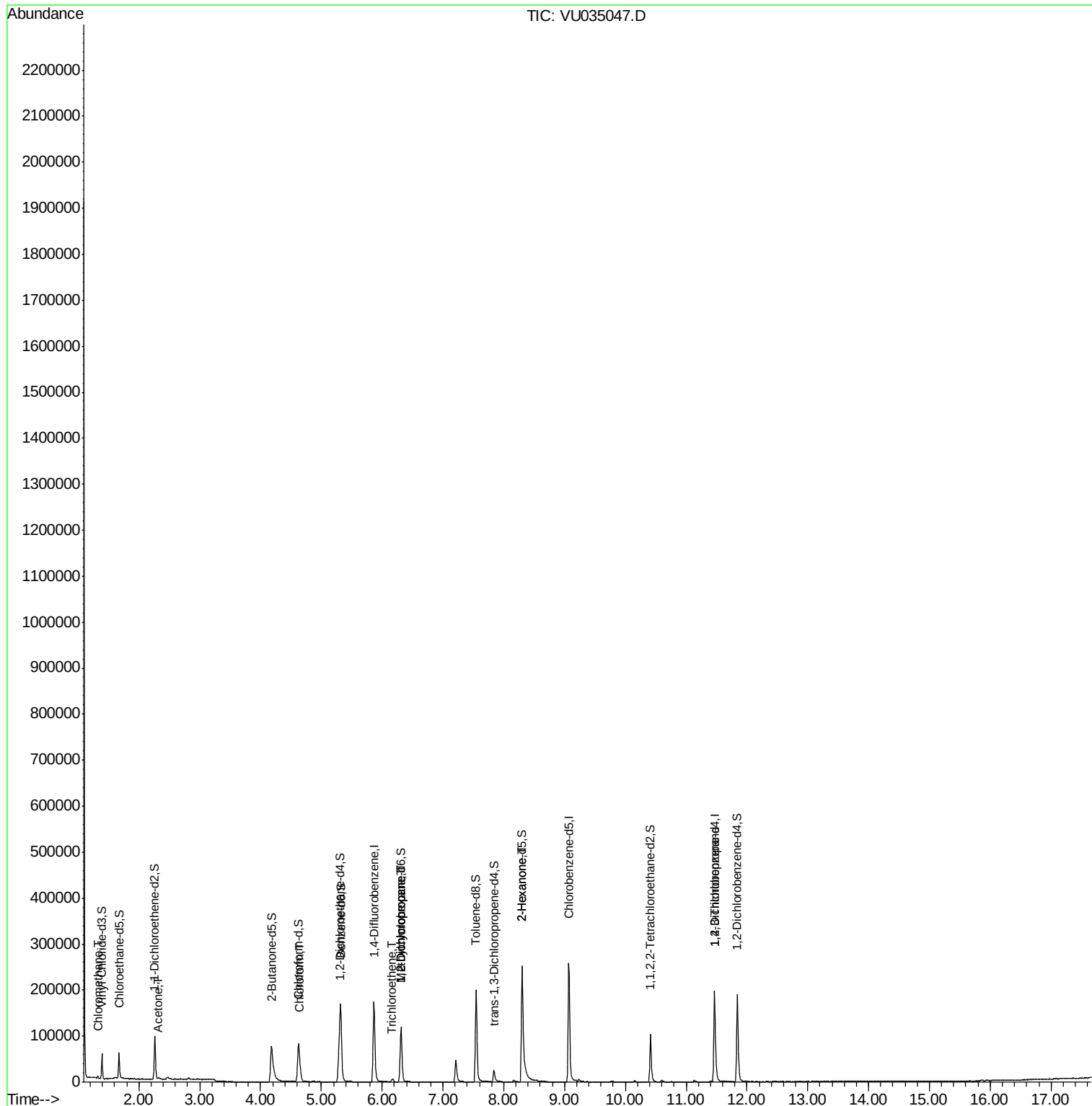
					Qvalue
3) Chloromethane	1.32	50	3090	0.209 ug/L	98
13) Acetone	2.32	43	5082	2.413 ug/L	87
25) Chloroform	4.65	83	17118	0.754 ug/L	98
34) Trichloroethene	6.17	95	2415	0.198 ug/L	94
35) Methylcyclohexane	6.31	83	13610	0.688 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6836	0.535 ug/L #	88
48) 2-Hexanone	8.30	43	13017	2.362 ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	8310	1.005 ug/L	98

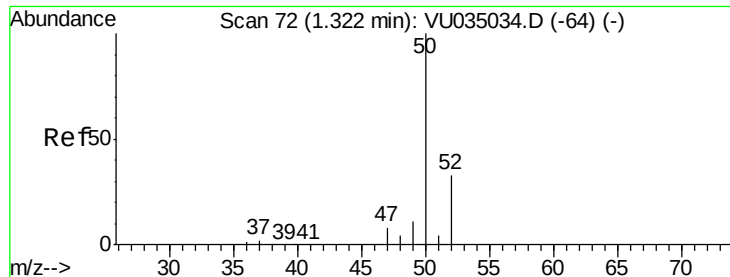
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.209 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 10 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

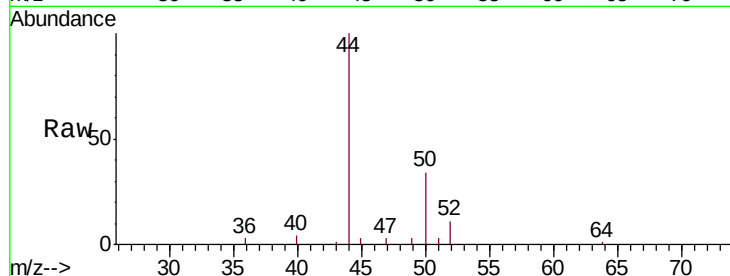
DBAW9

Tgt Ion: 50 Resp: 3090

Ion Ratio Lower Upper

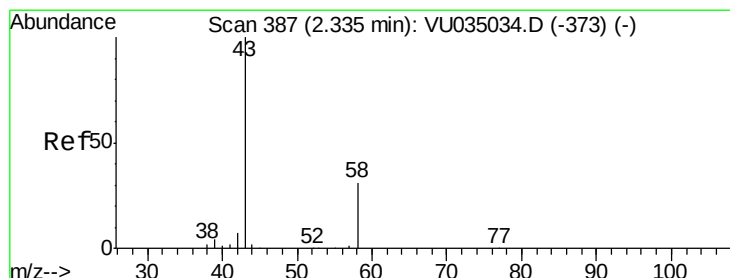
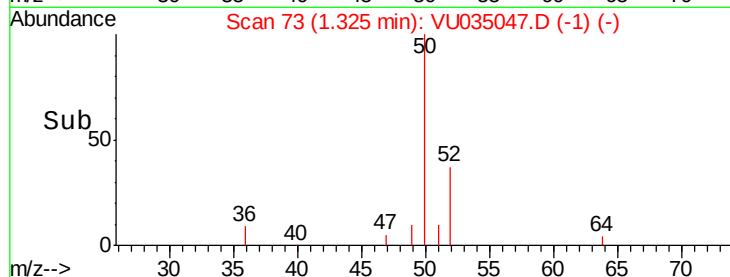
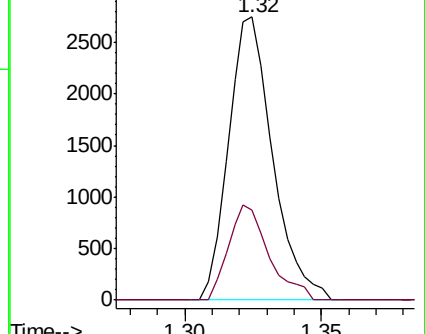
50 100

52 32.0 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 2.413 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

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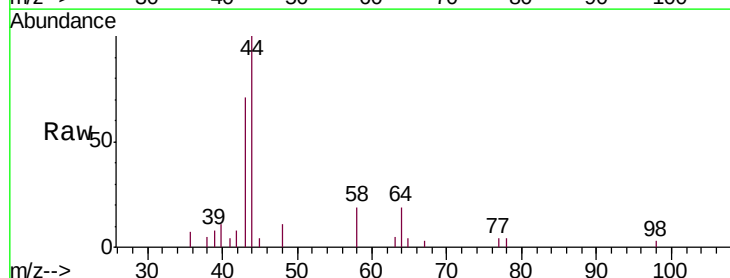
Acq: 10 Oct 2019 14:44

Tgt Ion: 43 Resp: 5082

Ion Ratio Lower Upper

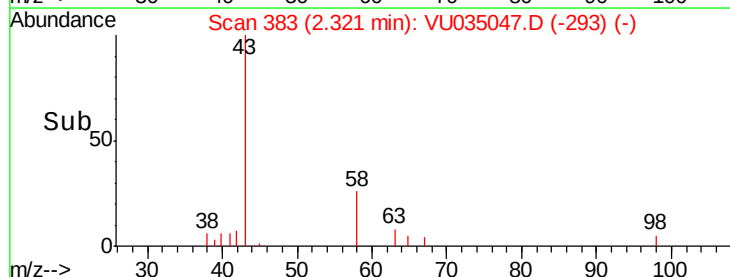
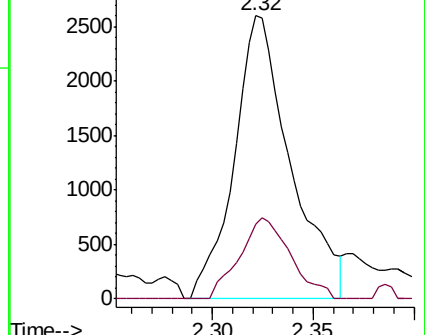
43 100

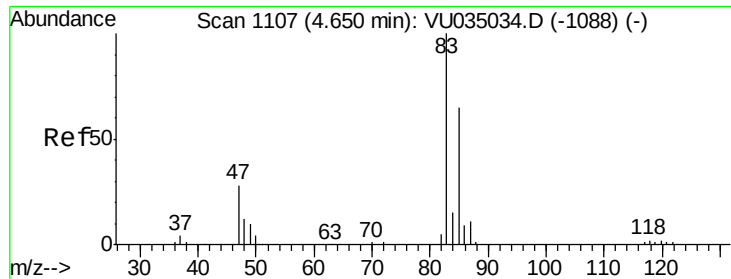
58 26.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

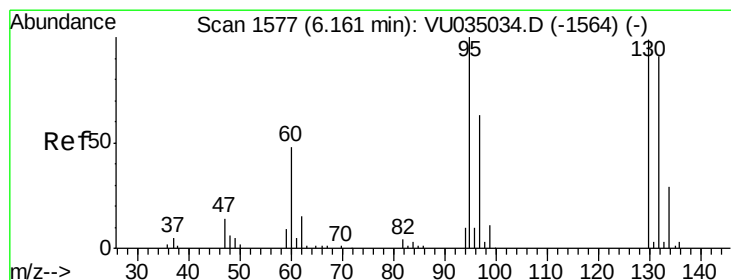
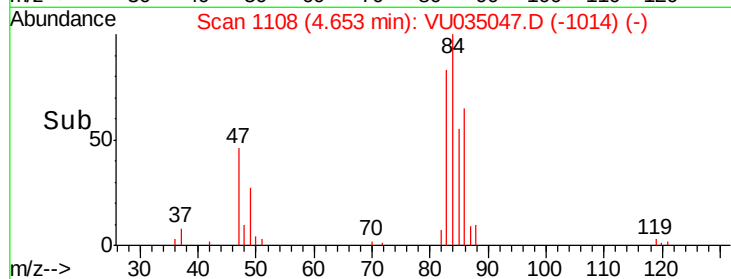
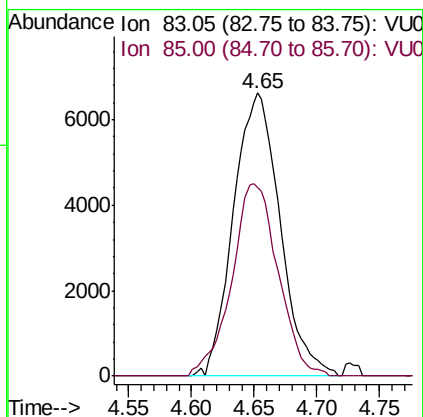
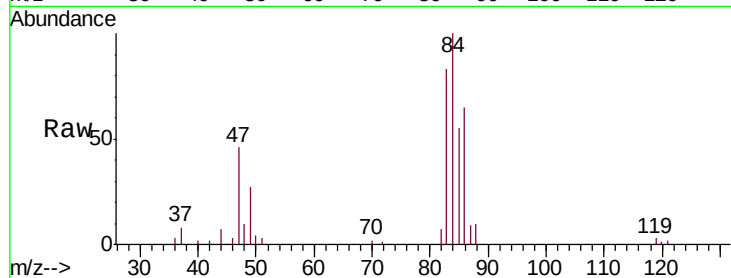




#25
Chloroform
Concen: 0.754 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035047.D
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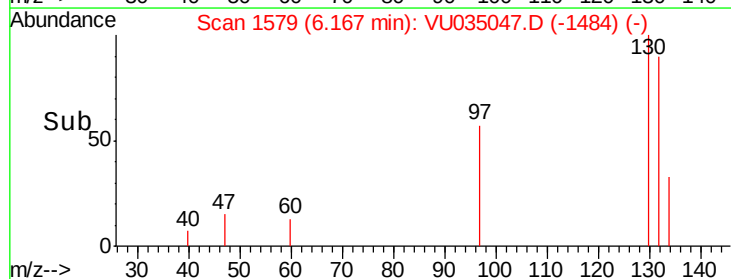
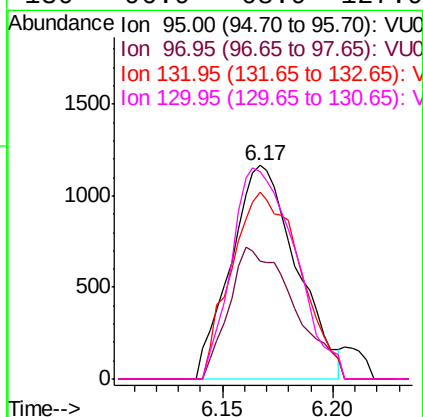
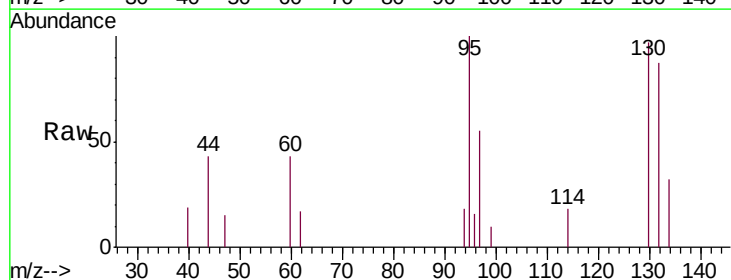
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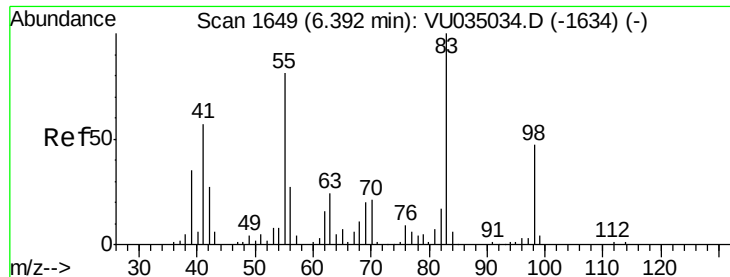
Tgt Ion: 83 Resp: 17118
Ion Ratio Lower Upper
83 100
85 66.8 45.4 84.4



#34
Trichloroethene
Concen: 0.198 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU035047.D
Acq: 10 Oct 2019 14:44

Tgt Ion: 95 Resp: 2415
Ion Ratio Lower Upper
95 100
97 54.9 44.5 82.7
132 87.3 66.6 123.8
130 96.9 68.9 127.9

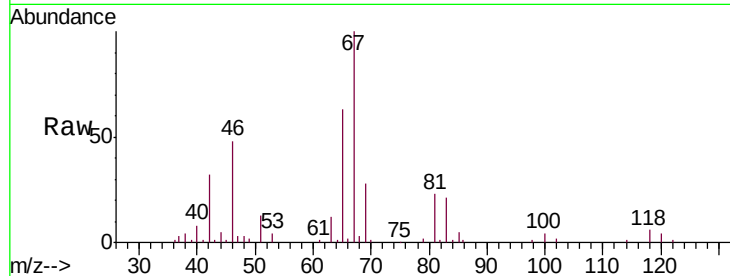




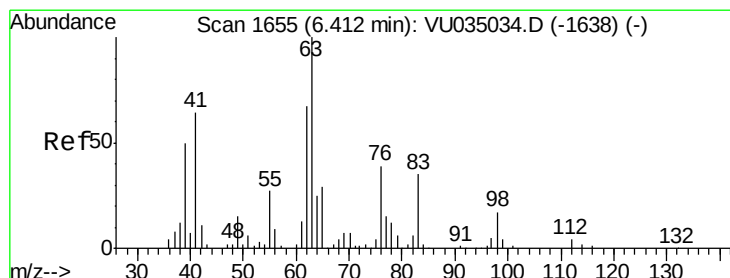
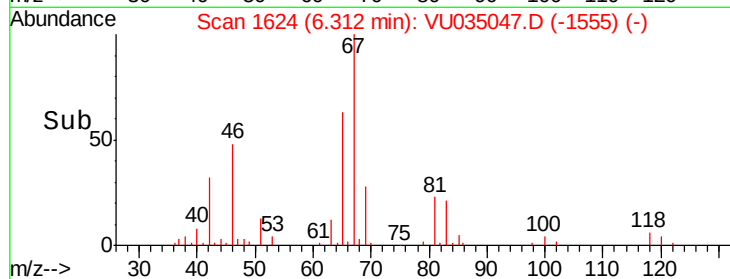
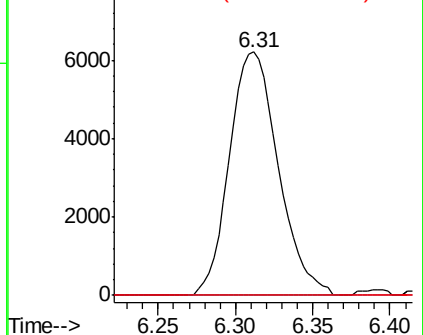
#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035047.D
Acq: 10 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
DBAW9

Tgt Ion: 83 Resp: 13610
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.4 36.2 54.2#

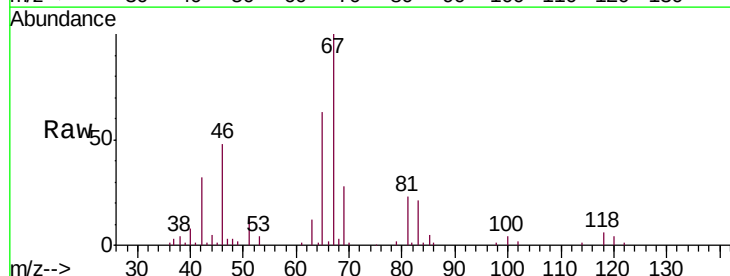


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

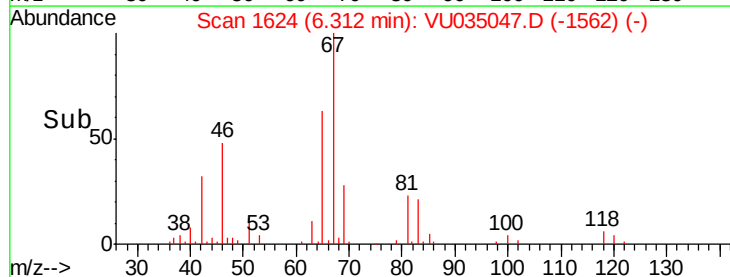
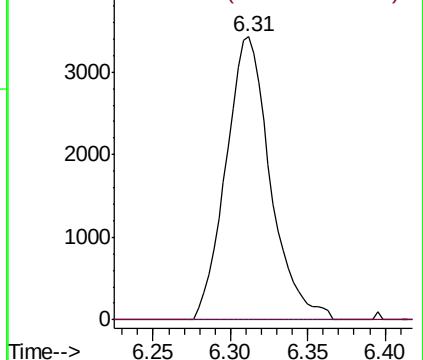


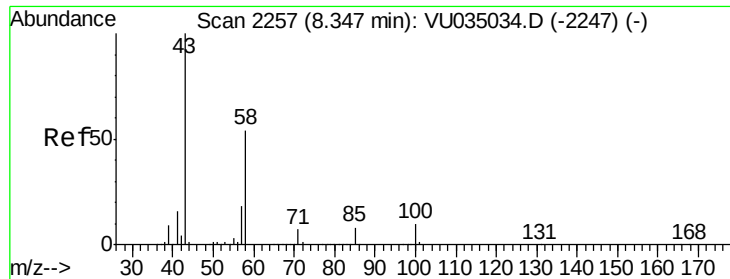
#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035047.D
Acq: 10 Oct 2019 14:44

Tgt Ion: 63 Resp: 6836
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

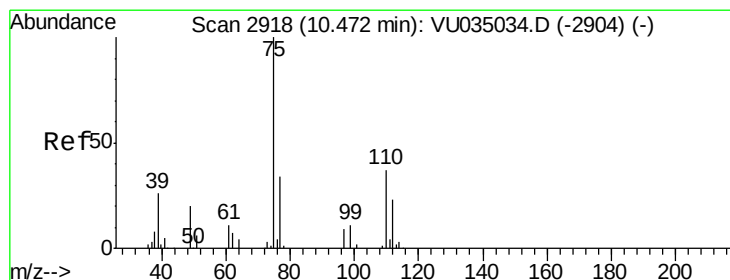
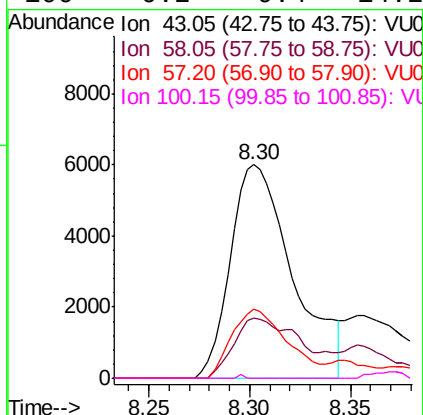
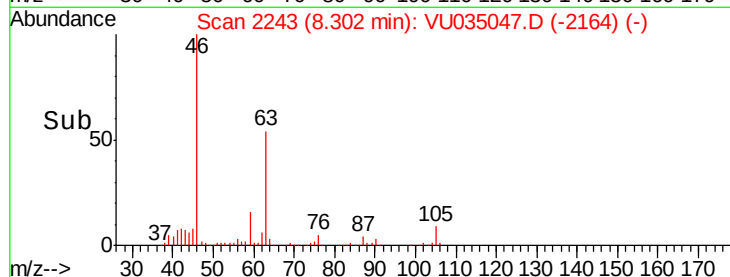
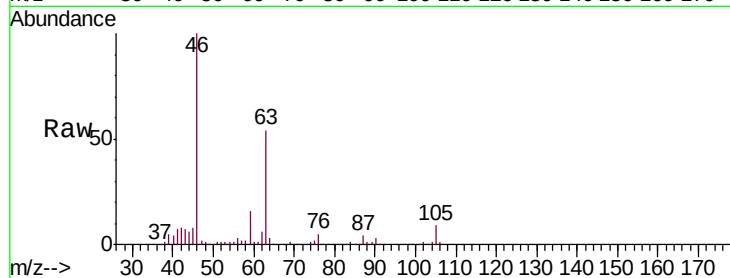




#48
2-Hexanone
Concen: 2.362 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.05 min
Lab File: VU035047.D
Acq: 10 Oct 2019 14:44

Instrument :
MSVOA_U
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Tgt Ion: 43 Resp: 13017
Ion Ratio Lower Upper
43 100
58 28.6 44.1 66.1#
57 28.5 15.8 23.8#
100 0.2 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 1.005 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035047.D
Acq: 10 Oct 2019 14:44

Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
77 34.4 26.5 39.7

