

Data File : VU033348.D
Acq On : 19 Jul 2019 23:30
Operator : JC/SP
Sample : K3890-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52W7

Quant Time: Jul 20 05:24:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	104269	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	108489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	49442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43870	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.67	69	41550	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.26	63	70258	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.16	46	116261	58.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.50%
24) Chloroform-d	4.62	84	71102	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.29	65	42456	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.32	84	137548	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.31	67	46811	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.55	98	116843	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.83	79	17116	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.30	63	85584	54.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.16%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	42042	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	48057	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

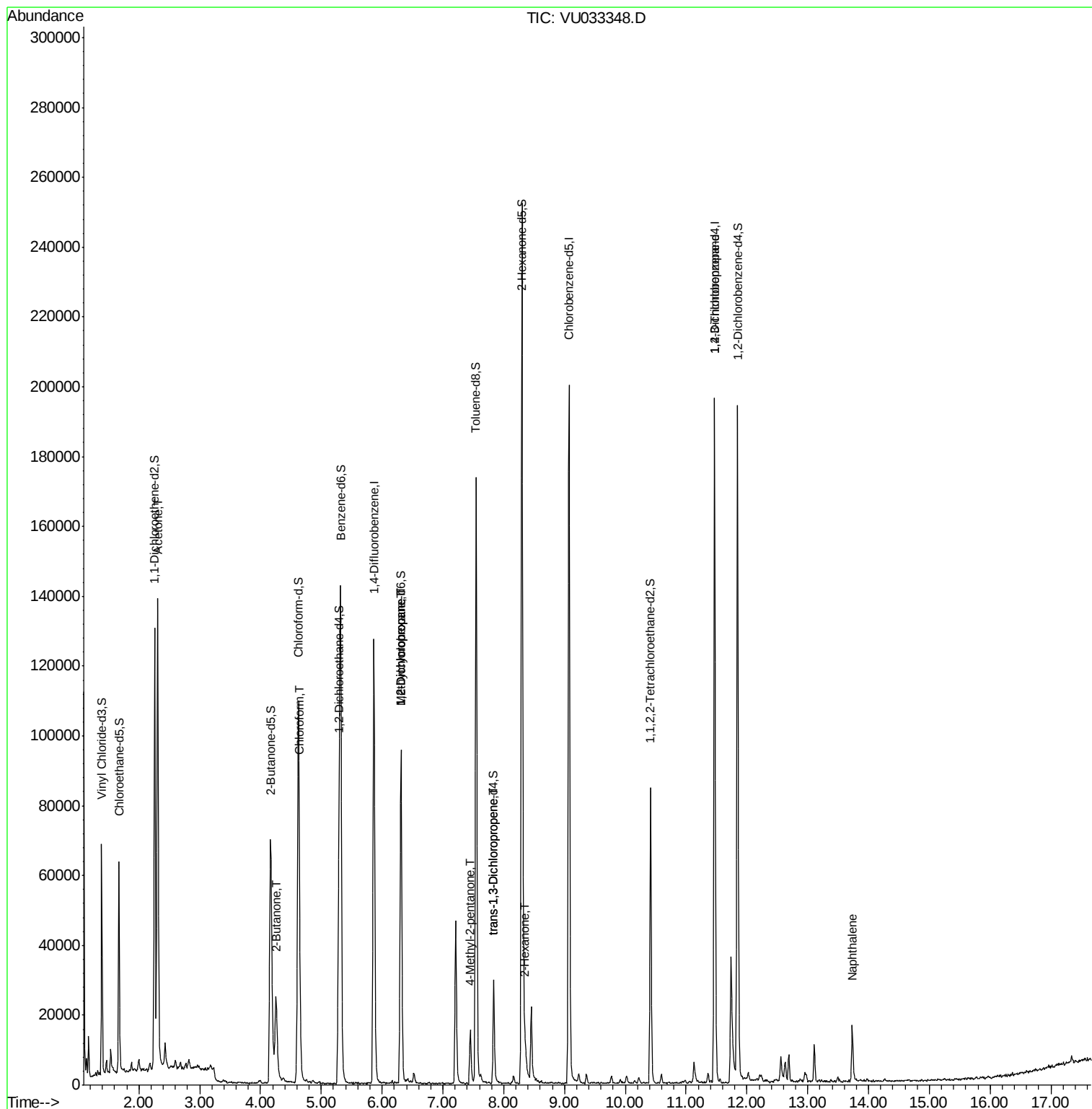
						Qvalue
13) Acetone	2.31	43	141471	81.656	ug/L	95
21) 2-Butanone	4.25	43	35554	17.856	ug/L	100
25) Chloroform	4.65	83	2836	0.180	ug/L	92
35) Methylcyclohexane	6.31	83	10867	0.887	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5468	0.658	ug/L #	88
40) 4-Methyl-2-pentanone	7.45	43	11567	2.430	ug/L #	83
44) trans-1,3-Dichloropropene	7.84	75	872	0.091	ug/L #	75
48) 2-Hexanone	8.35	43	4940	1.419	ug/L #	77
59) 1,2,3-Trichloropropane	11.47	75	6775	1.251	ug/L	91
69) Naphthalene	13.73	128	14890	0.937	ug/L	97

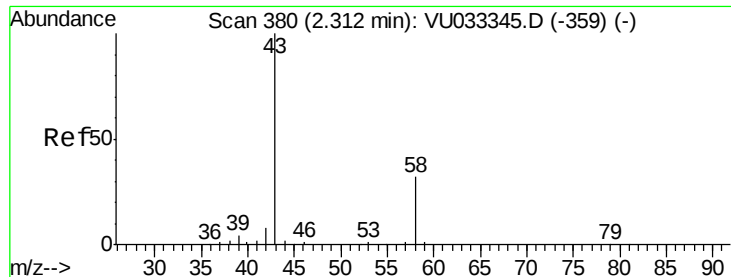
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 81.656 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033348.D

Acq: 19 Jul 2019 23:30

Instrument :

MSVOA_U

ClientSampleId :

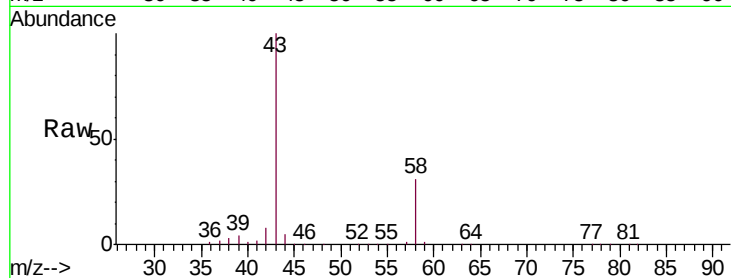
A52W7

Tgt Ion: 43 Resp: 141471

Ion Ratio Lower Upper

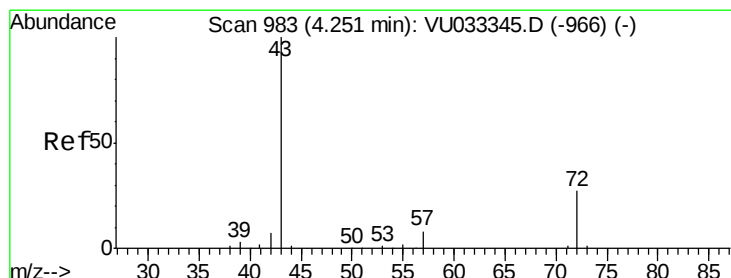
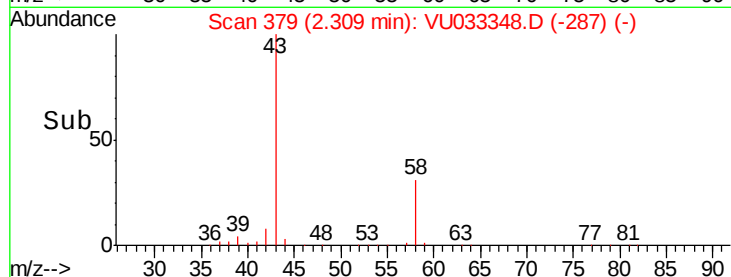
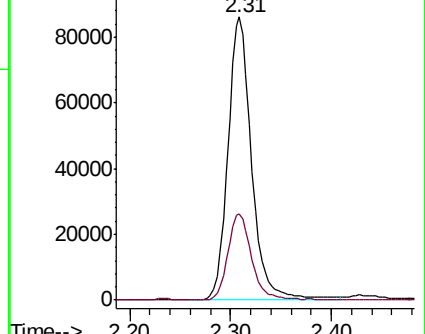
43 100

58 30.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033345.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033345.D (-359) (-)



#21

2-Butanone

Concen: 17.856 ug/L

RT: 4.25 min Scan# 984

Delta R.T. 0.00 min

Lab File: VU033348.D

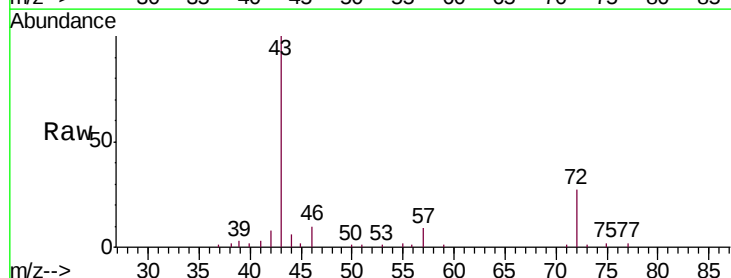
Acq: 19 Jul 2019 23:30

Tgt Ion: 43 Resp: 35554

Ion Ratio Lower Upper

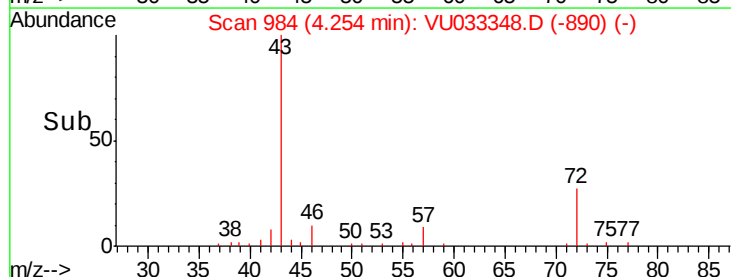
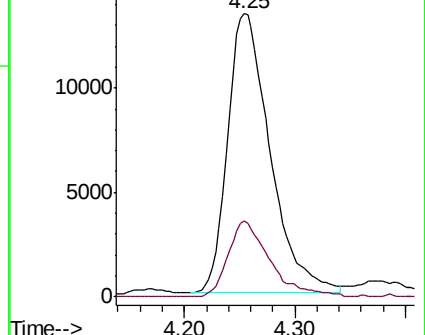
43 100

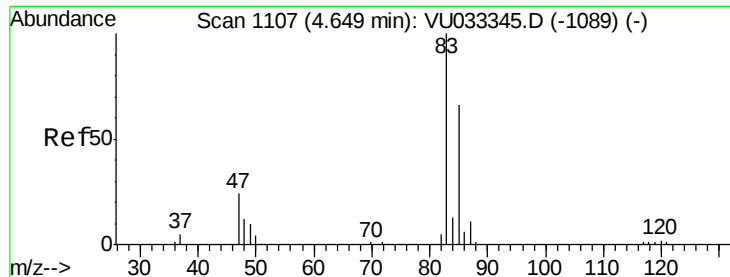
72 26.8 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU033345.D (-966) (-)

Ion 72.10 (71.80 to 72.80): VU033345.D (-966) (-)

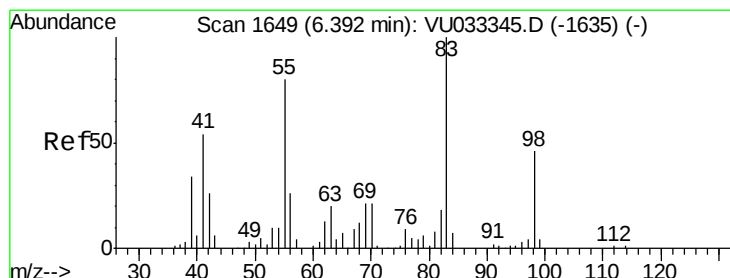
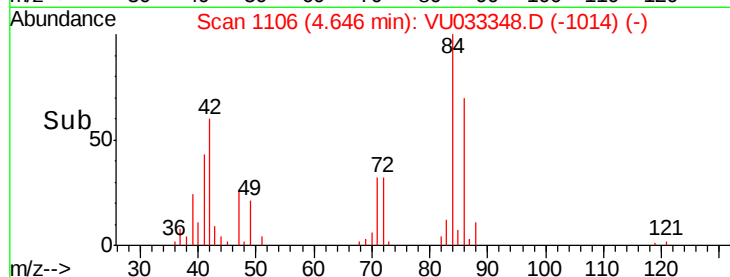
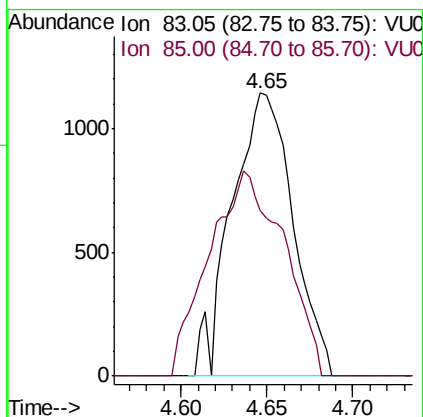
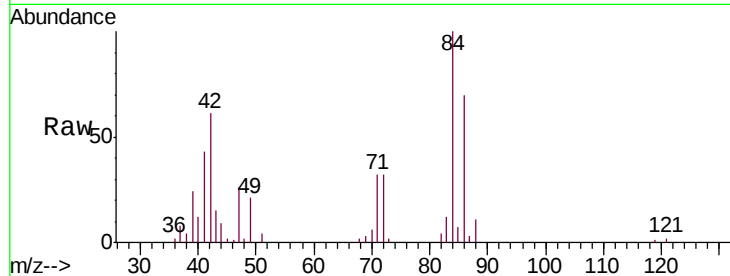




#25
Chloroform
Concen: 0.180 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033348.D
Acq: 19 Jul 2019 23:30

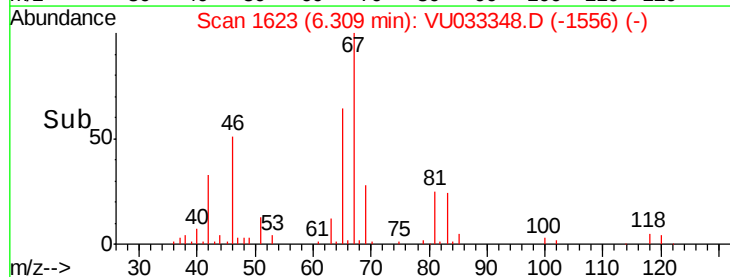
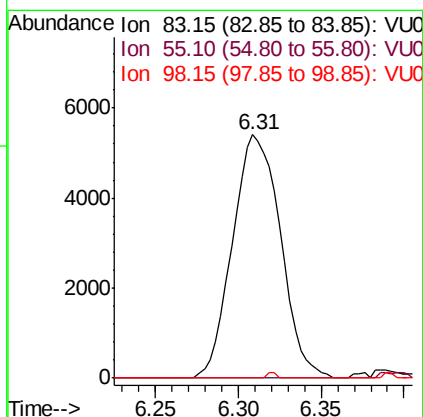
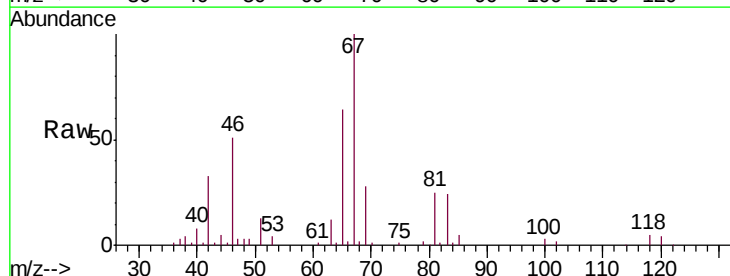
Instrument :
MSVOA_U
ClientSampleId :
A52W7

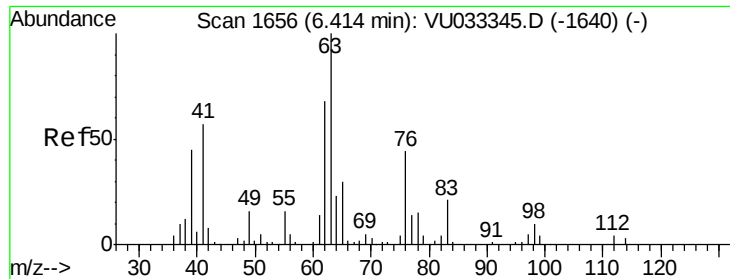
Tgt Ion: 83 Resp: 2836
Ion Ratio Lower Upper
83 100
85 58.5 45.4 84.4



#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033348.D
Acq: 19 Jul 2019 23:30

Tgt Ion: 83 Resp: 10867
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.4 36.2 54.2#

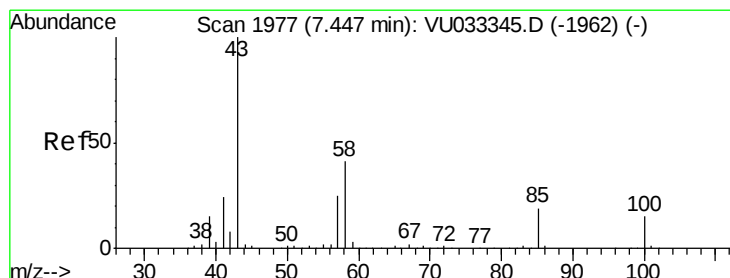
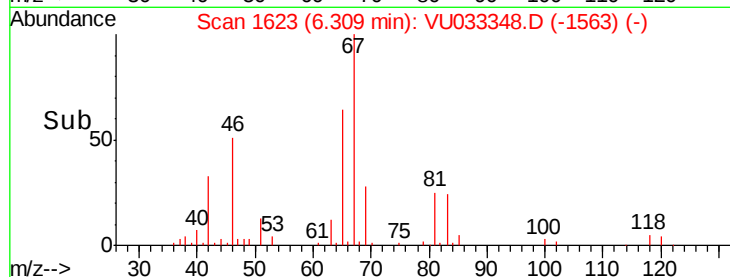
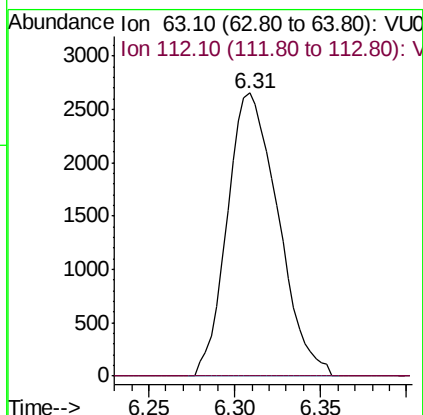
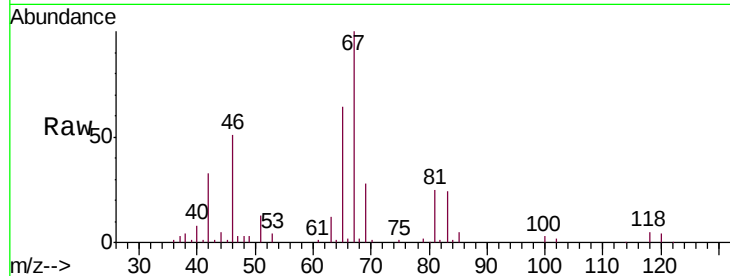




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.11 min
 Lab File: VU033348.D
 Acq: 19 Jul 2019 23:30

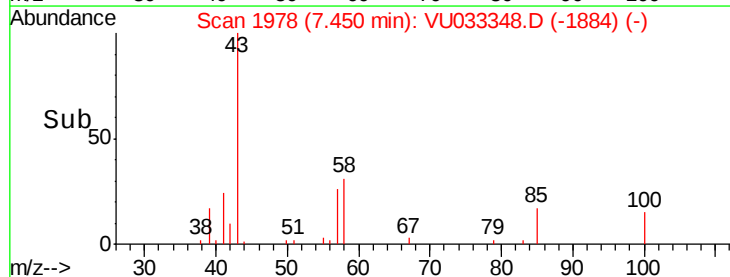
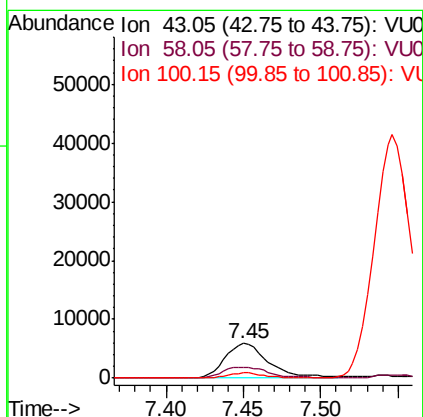
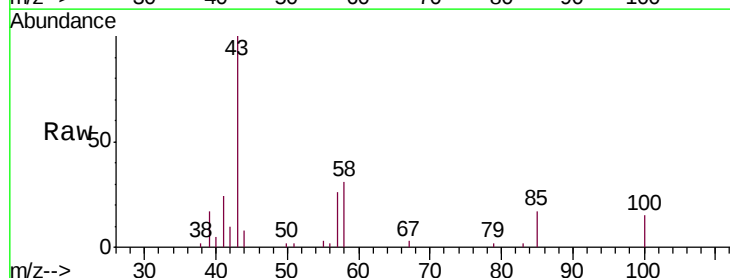
Instrument :
 MSVOA_U
 ClientSampleId :
 A52W7

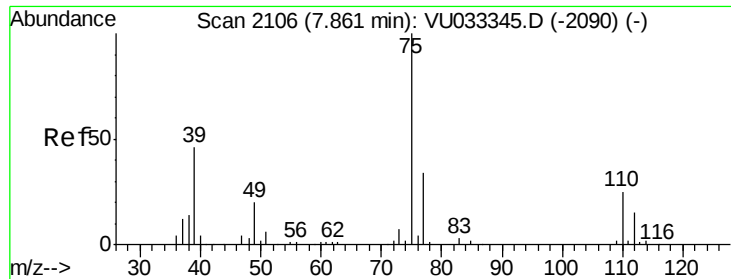
Tgt Ion: 63 Resp: 5468
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#40
 4-Methyl-2-pentanone
 Concen: 2.430 ug/L
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: VU033348.D
 Acq: 19 Jul 2019 23:30

Tgt Ion: 43 Resp: 11567
 Ion Ratio Lower Upper
 43 100
 58 34.2 32.4 48.6
 100 0.0 11.9 17.9#

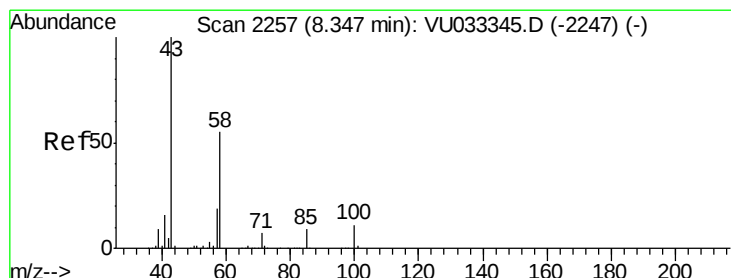
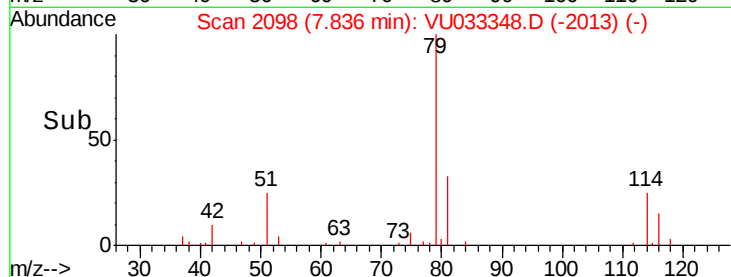
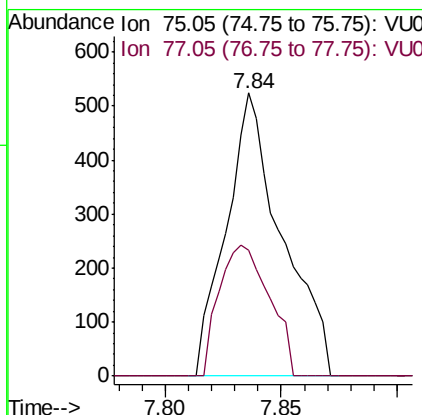
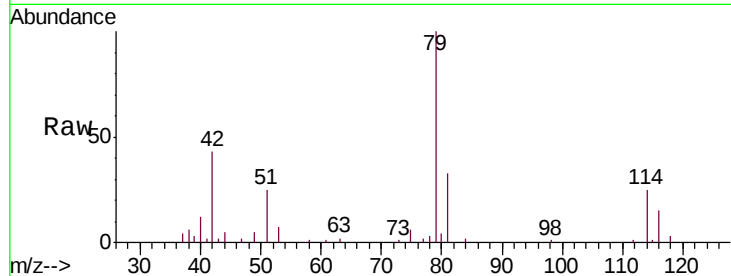




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033348.D
Acq: 19 Jul 2019 23:30

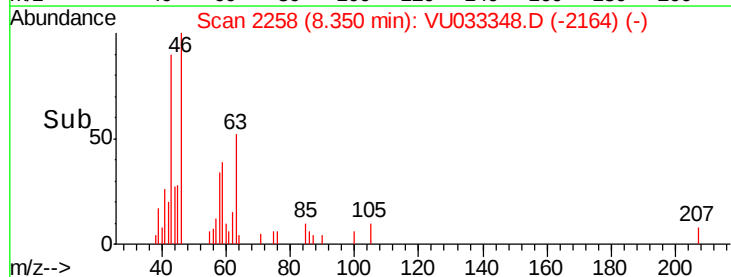
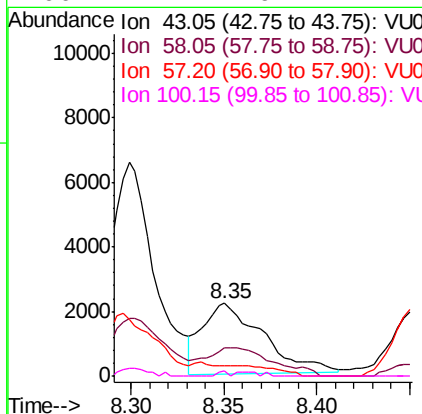
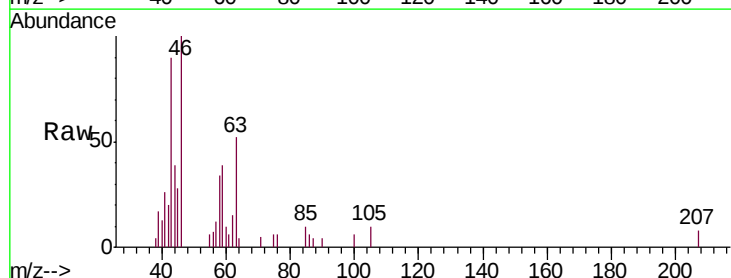
Instrument :
MSVOA_U
ClientSampleId :
A52W7

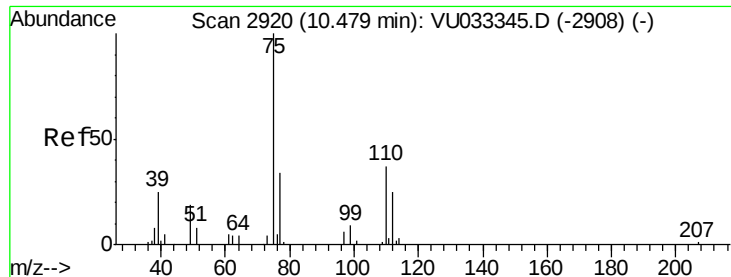
Tgt Ion: 75 Resp: 872
Ion Ratio Lower Upper
75 100
77 44.7 21.6 40.0#



#48
2-Hexanone
Concen: 1.419 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.00 min
Lab File: VU033348.D
Acq: 19 Jul 2019 23:30

Tgt Ion: 43 Resp: 4940
Ion Ratio Lower Upper
43 100
58 42.6 44.1 66.1#
57 2.3 15.8 23.8#
100 1.1 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033348.D

Acq: 19 Jul 2019 23:30

Instrument :

MSVOA_U

ClientSampleId :

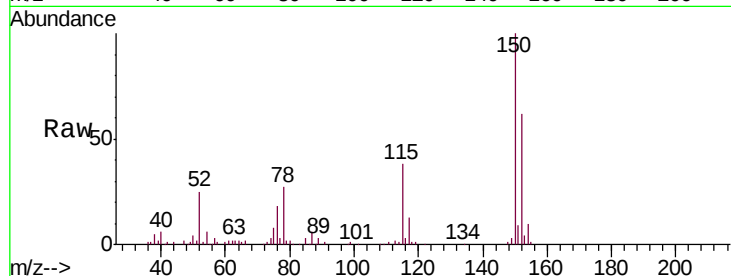
A52W7

Tgt Ion: 75 Resp: 6775

Ion Ratio Lower Upper

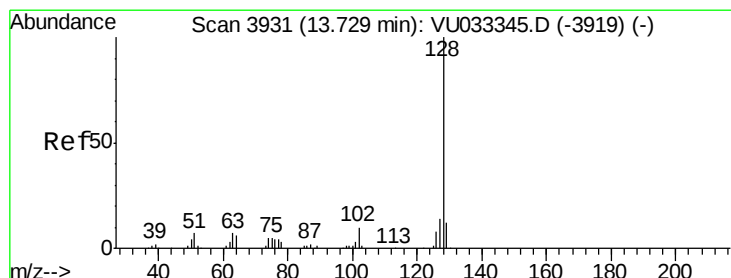
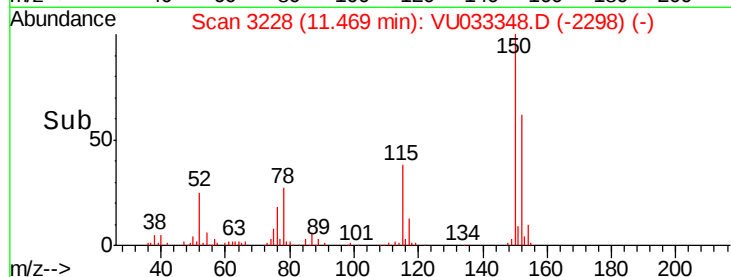
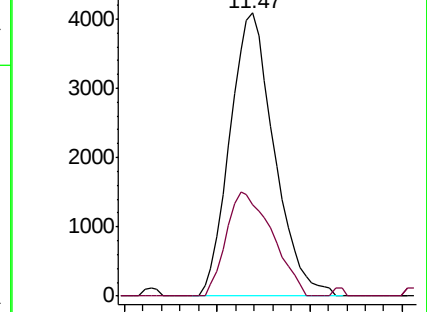
75 100

77 38.3 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU033345.D (-2908) (-)

Ion 77.00 (76.70 to 77.70): VU033345.D (-2908) (-)



#69

Naphthalene

Concen: 0.937 ug/L

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033348.D

Acq: 19 Jul 2019 23:30

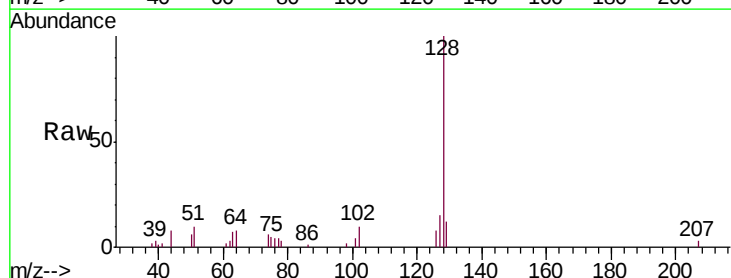
Tgt Ion: 128 Resp: 14890

Ion Ratio Lower Upper

128 100

129 9.7 8.7 13.1

127 12.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): VU033345.D (-3919) (-)

Ion 129.00 (128.70 to 129.70): VU033345.D (-3919) (-)

Ion 127.00 (126.70 to 127.70): VU033345.D (-3919) (-)

