

Data File : VU035155.D
Acq On : 14 Oct 2019 17:21
Operator : JC/SP
Sample : K5317-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF2

Quant Time: Oct 15 07:57:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160759	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45372	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.68	69	45374	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.26	63	65147	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.17	46	138454	49.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.94%
24) Chloroform-d	4.62	84	84442	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	51767	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	170396	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.31	67	62921	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.55	98	145377	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.84	79	18825	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	93446	42.56	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54066	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	51753	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

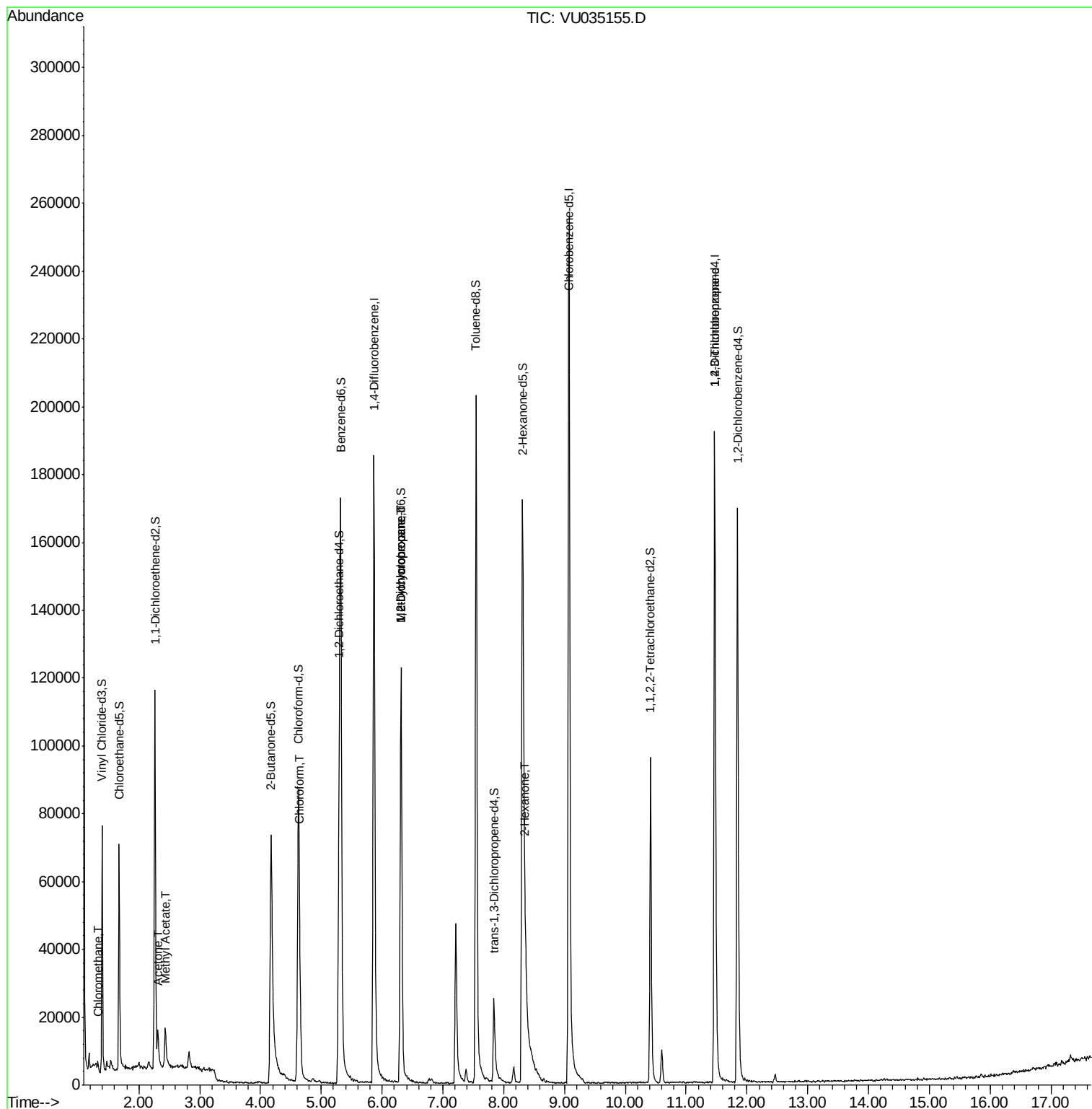
					Qvalue
3) Chloromethane	1.32	50	1609	0.100 ug/L	87
13) Acetone	2.32	43	11837	5.165 ug/L	96
15) Methyl Acetate	2.43	43	3217	0.527 ug/L #	53
25) Chloroform	4.65	83	8143	0.330 ug/L	97
35) Methylcyclohexane	6.31	83	14025	0.681 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7036	0.529 ug/L #	88
48) 2-Hexanone	8.36	43	5590	0.974 ug/L #	44
59) 1,2,3-Trichloropropane	11.47	75	8283	0.963 ug/L	99

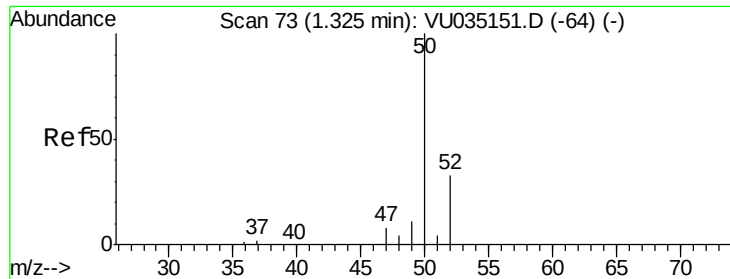
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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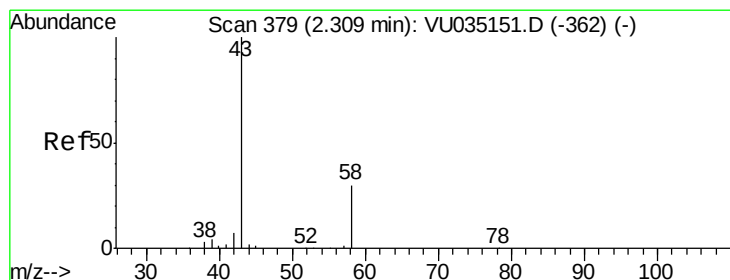
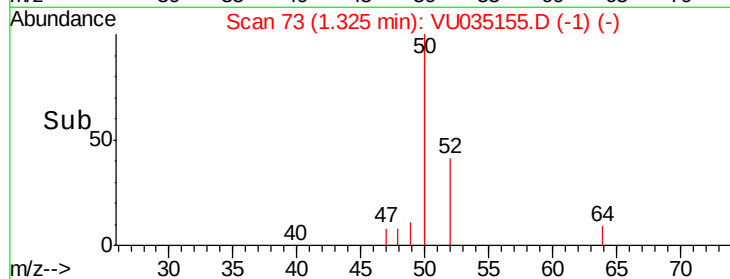
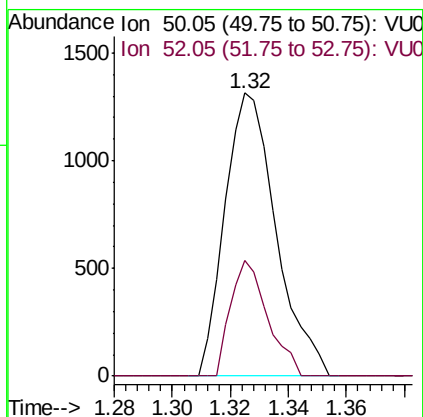
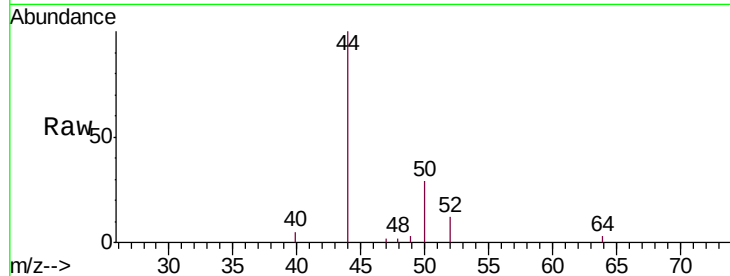




#3
 Chloromethane
 Concen: 0.100 ug/L
 RT: 1.32 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: VU035155.D
 Acq: 14 Oct 2019 17:21

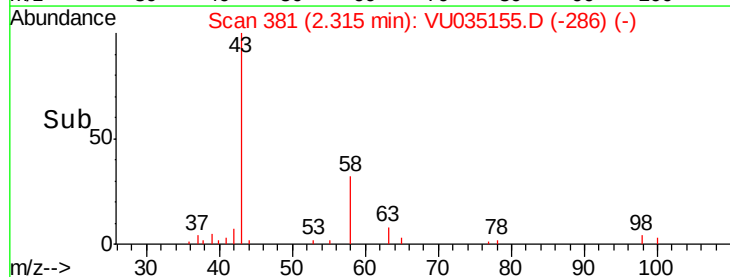
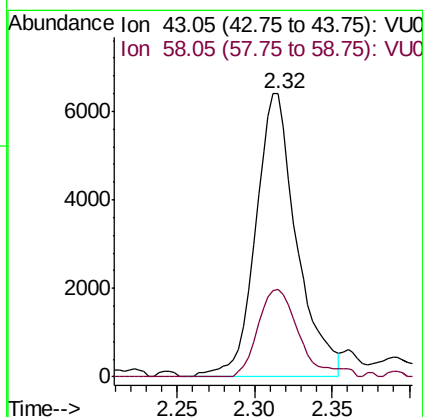
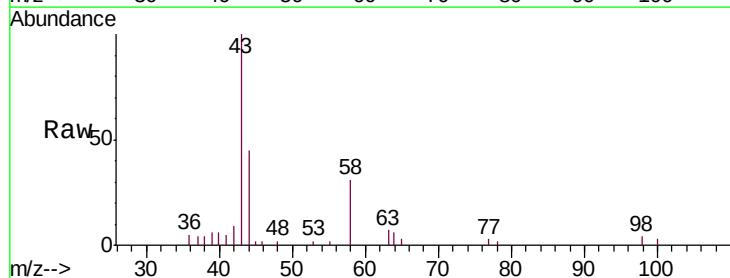
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF2

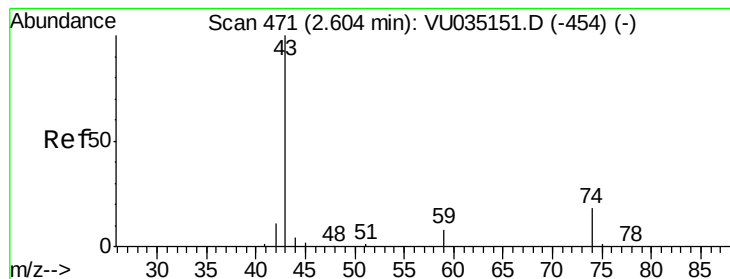
Tgt Ion: 50 Resp: 1609
 Ion Ratio Lower Upper
 50 100
 52 40.9 23.3 43.3



#13
 Acetone
 Concen: 5.165 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VU035155.D
 Acq: 14 Oct 2019 17:21

Tgt Ion: 43 Resp: 11837
 Ion Ratio Lower Upper
 43 100
 58 31.1 0.0 66.6





#15

Methyl Acetate

Concen: 0.527 ug/L

RT: 2.43 min Scan# 418

Delta R.T. -0.17 min

Lab File: VU035155.D

Acq: 14 Oct 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

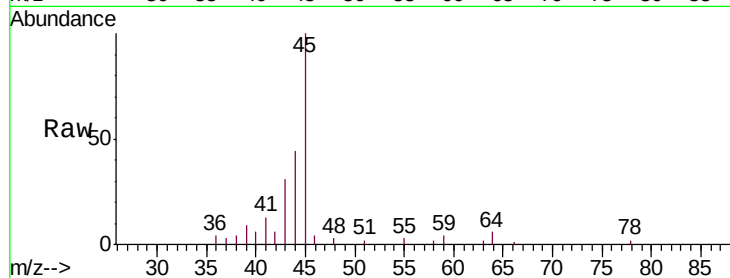
C0CF2

Tgt Ion: 43 Resp: 3217

Ion Ratio Lower Upper

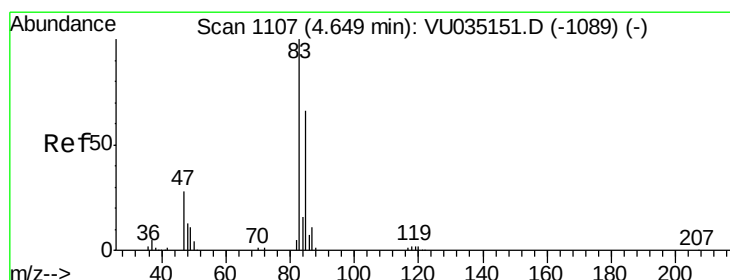
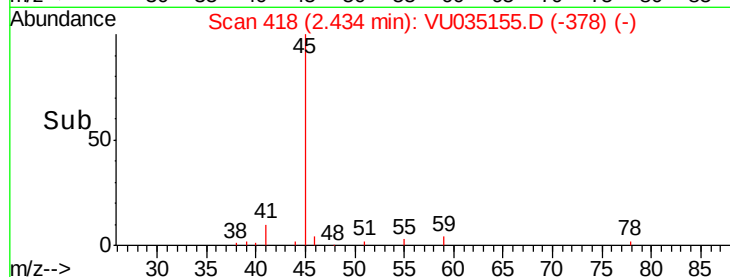
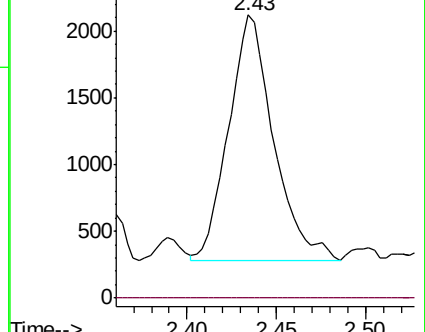
43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU035155.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU035155.D (-418) (-)



#25

Chloroform

Concen: 0.330 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU035155.D

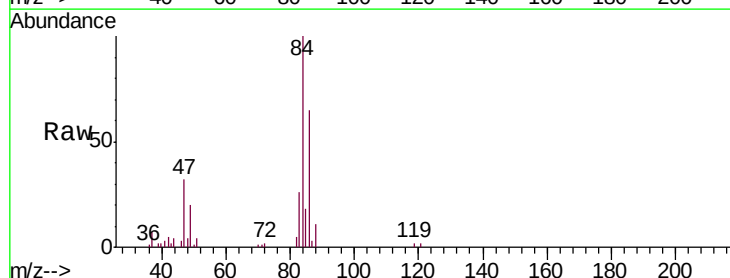
Acq: 14 Oct 2019 17:21

Tgt Ion: 83 Resp: 8143

Ion Ratio Lower Upper

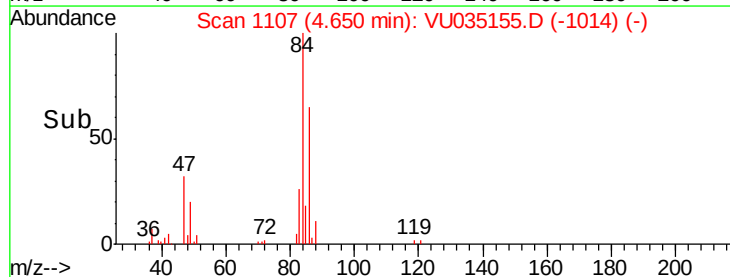
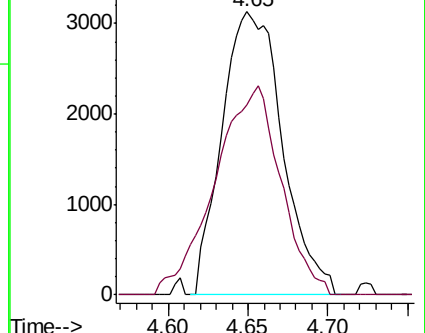
83 100

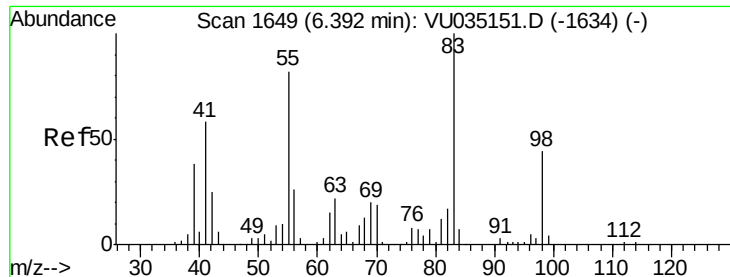
85 67.1 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035155.D (-1107) (-)

Ion 85.00 (84.70 to 85.70): VU035155.D (-1107) (-)

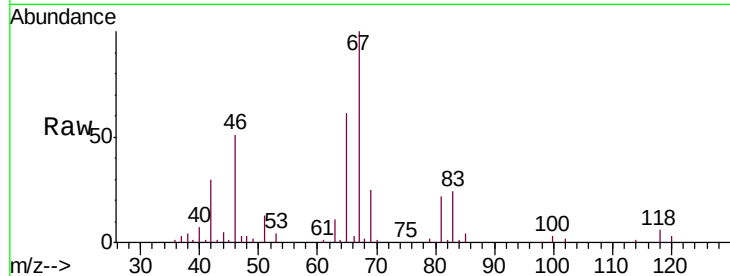




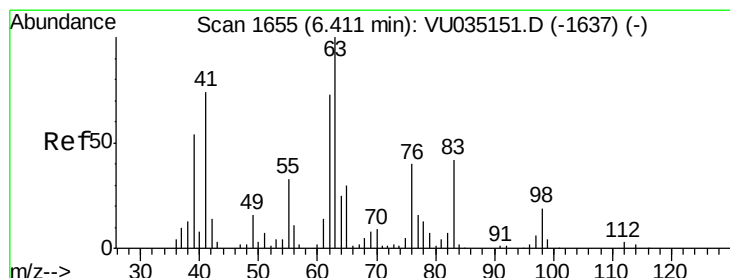
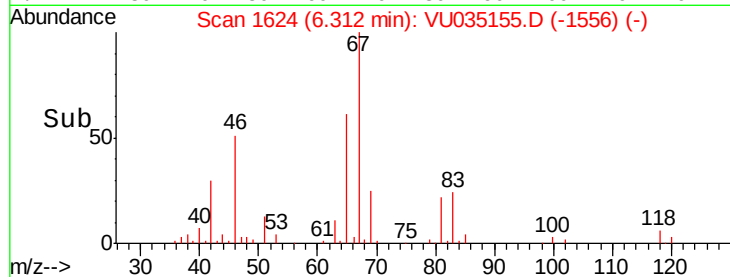
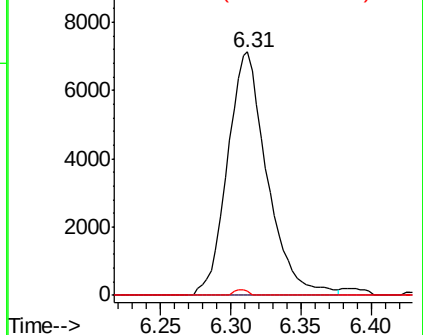
#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035155.D
Acq: 14 Oct 2019 17:21

Instrument :
MSVOA_U
ClientSampleId :
C0CF2

Tgt Ion: 83 Resp: 14025
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.8 36.2 54.2#

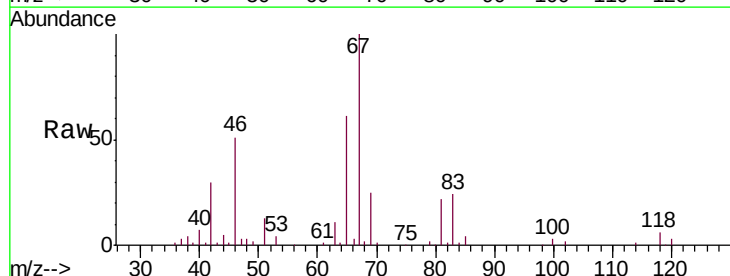


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

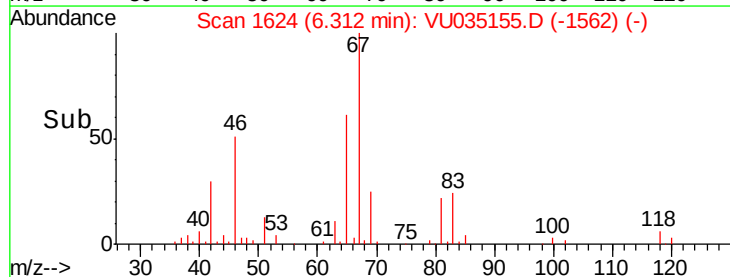
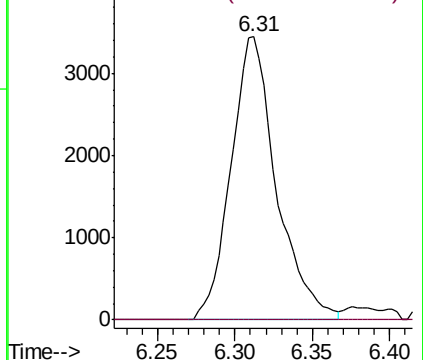


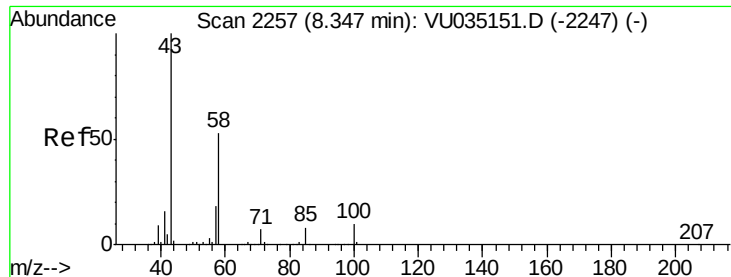
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035155.D
Acq: 14 Oct 2019 17:21

Tgt Ion: 63 Resp: 7036
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

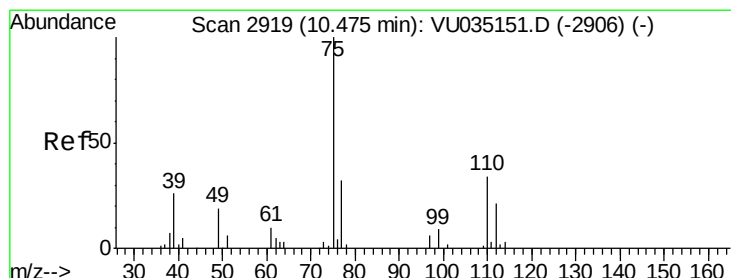
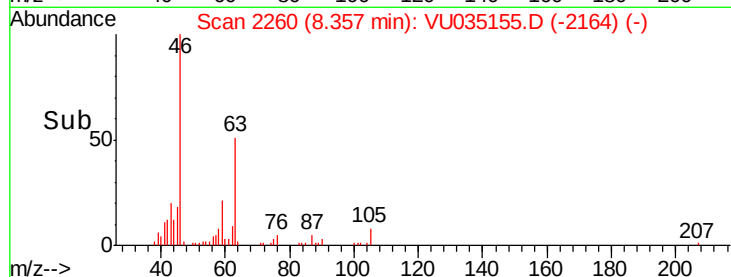
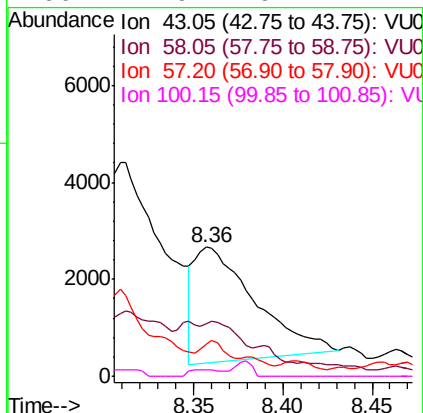
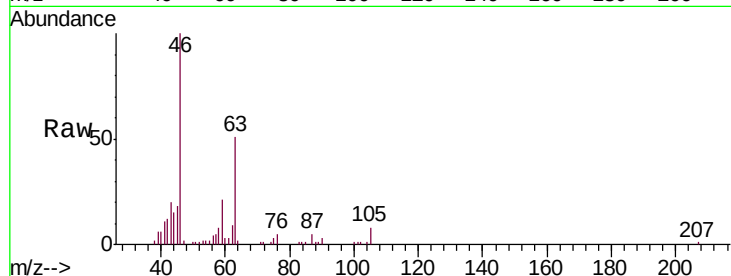




#48
 2-Hexanone
 Concen: 0.974 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU035155.D
 Acq: 14 Oct 2019 17:21

Instrument :
 MSVOA_U
 ClientSampled :
 C0CF2

Tgt Ion:	43	Resp:	5590
Ion	Ratio	Lower	Upper
43	100		
58	3.2	44.1	66.1#
57	6.0	15.8	23.8#
100	2.9	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.963 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU035155.D
 Acq: 14 Oct 2019 17:21

Tgt Ion:	75	Resp:	8283
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.5	39.7

