

Data File : VU033404.D
Acq On : 25 Jul 2019 12:49
Operator : JC/SP
Sample : K3957-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A11

Quant Time: Jul 26 04:37:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	118237	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81776	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.54%
7) Chloroethane-d5	1.67	69	81629	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.78%
11) 1,1-Dichloroethene-d2	2.25	63	124608	32.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.98%
21) 2-Butanone-d5	4.15	46	133253	101.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.00%
24) Chloroform-d	4.62	84	164888	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.29	65	112536	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.32	84	313921	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.31	67	108366	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.55	98	277193	42.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.83	79	47190	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.30	63	92205	92.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.53%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	166308	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	111568	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%

Target Compounds

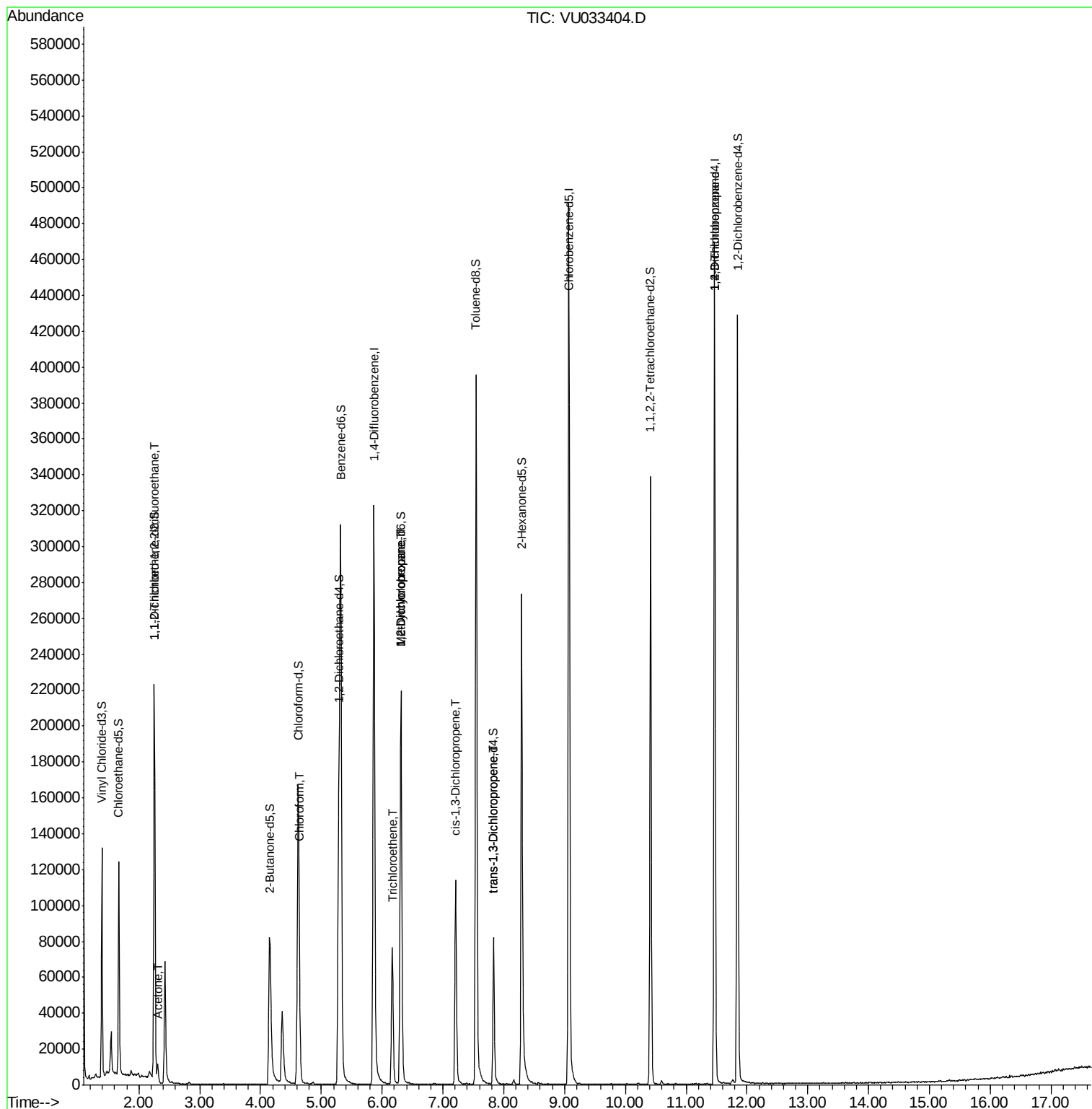
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1204	0.642 ug/L #	21
13) Acetone	2.31	43	9647	5.852 ug/L	98
25) Chloroform	4.65	83	3385	0.873 ug/L	93
34) Trichloroethene	6.16	95	27025	12.598 ug/L	97
35) Methylcyclohexane	6.31	83	25432	7.739 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	12107	5.443 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3093	0.907 ug/L #	44
44) trans-1,3-Dichloropropene	7.83	75	2019	0.656 ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	14893	5.143 ug/L	92

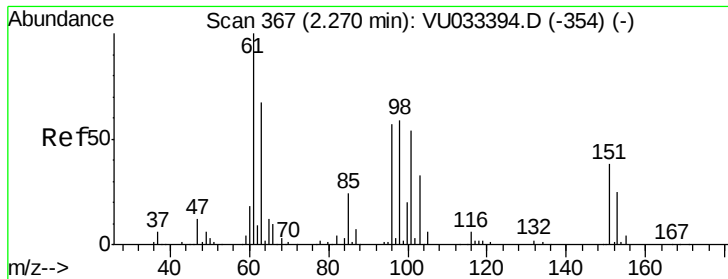
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.642 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033404.D

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MSVOA_U

ClientSampleId :

F2A11

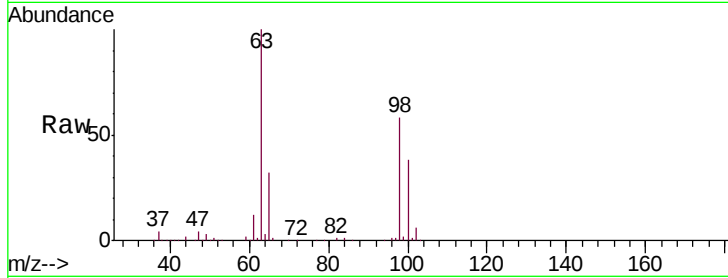
Tgt Ion:101 Resp: 1204

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

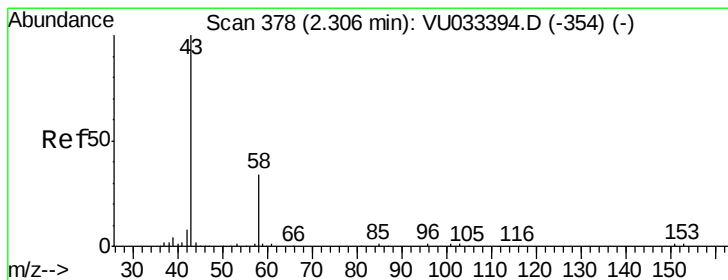
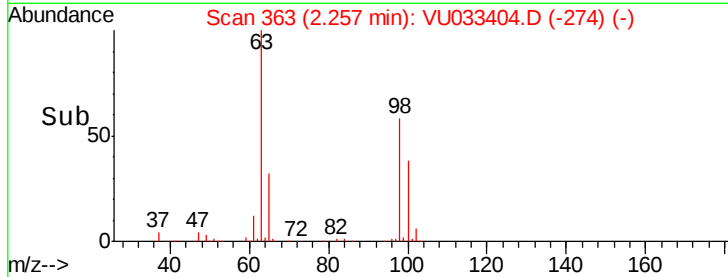
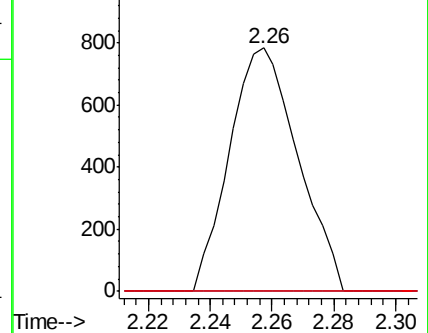
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.852 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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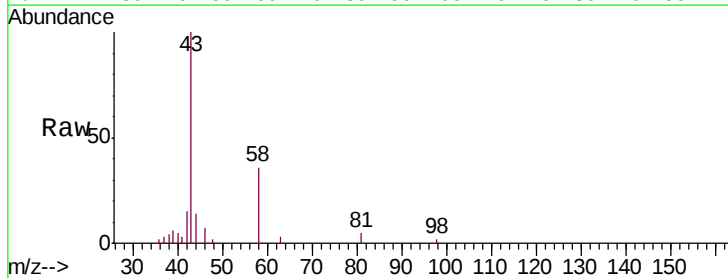
Acq: 25 Jul 2019 12:49

Tgt Ion: 43 Resp: 9647

Ion Ratio Lower Upper

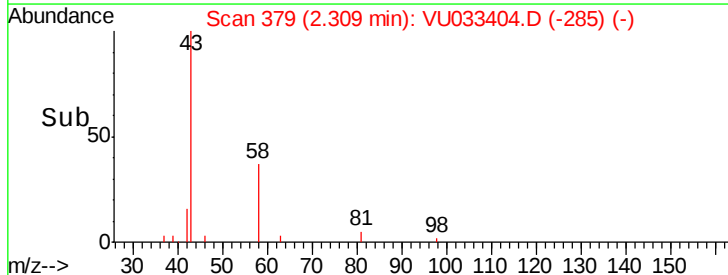
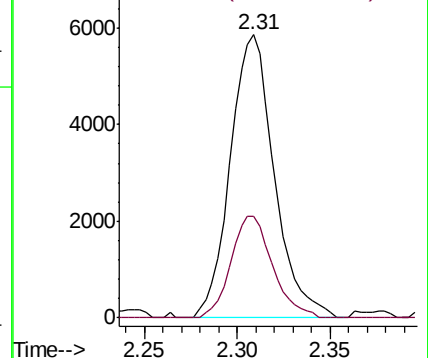
43 100

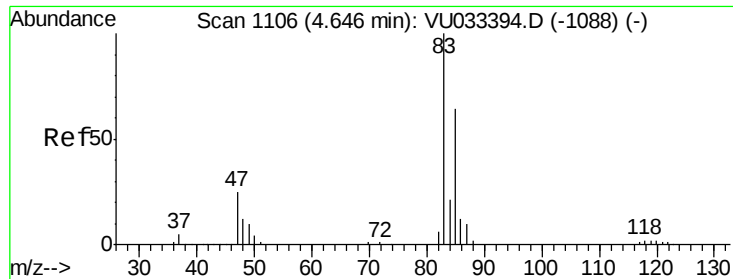
58 33.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

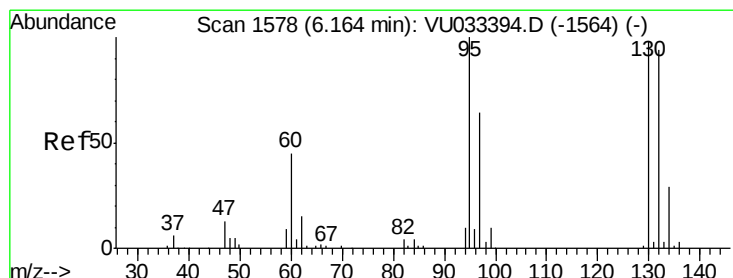
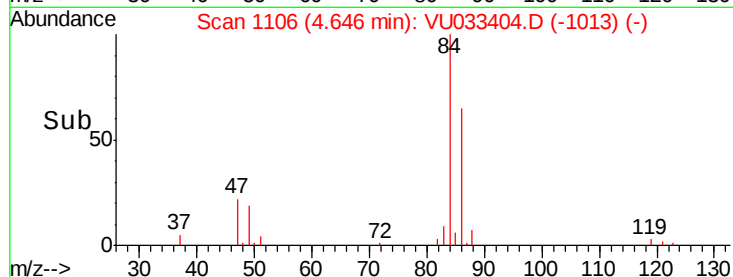
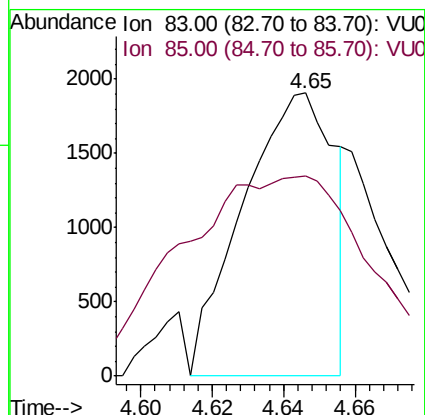
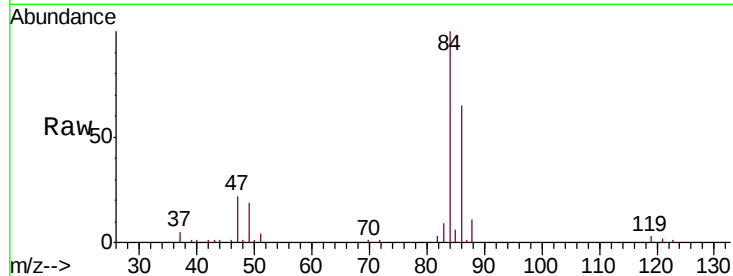




#25
Chloroform
Concen: 0.873 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033404.D
Acq: 25 Jul 2019 12:49

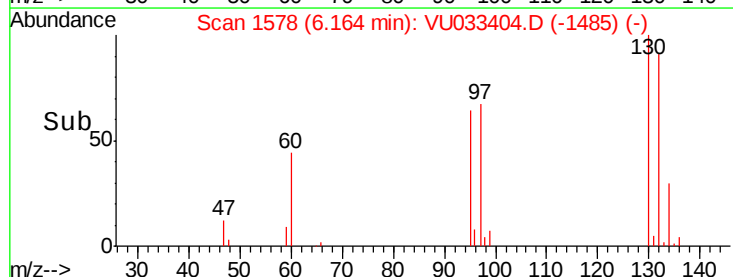
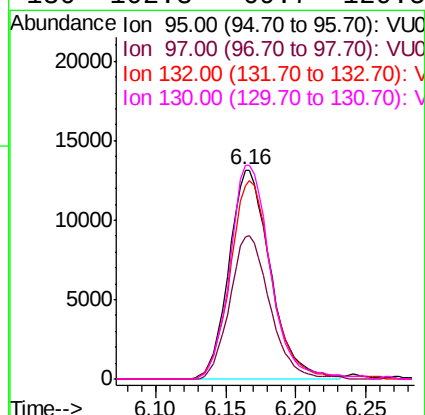
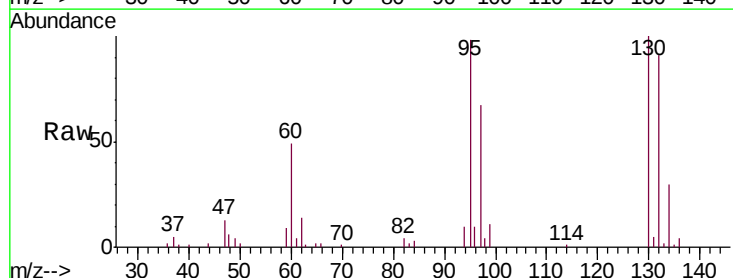
Instrument :
MSVOA_U
ClientSampled :
F2A11

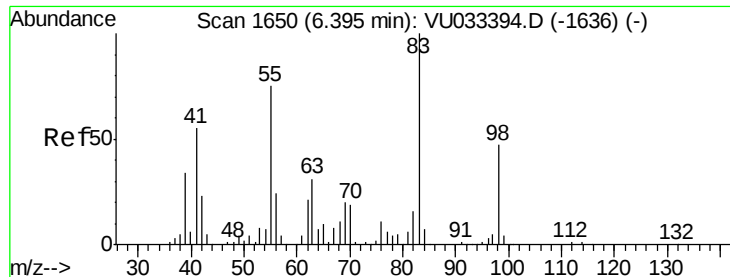
Tgt Ion: 83 Resp: 3385
Ion Ratio Lower Upper
83 100
85 70.6 45.4 84.4



#34
Trichloroethene
Concen: 12.598 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033404.D
Acq: 25 Jul 2019 12:49

Tgt Ion: 95 Resp: 27025
Ion Ratio Lower Upper
95 100
97 68.2 43.8 81.4
132 92.6 65.5 121.6
130 102.3 69.7 129.5

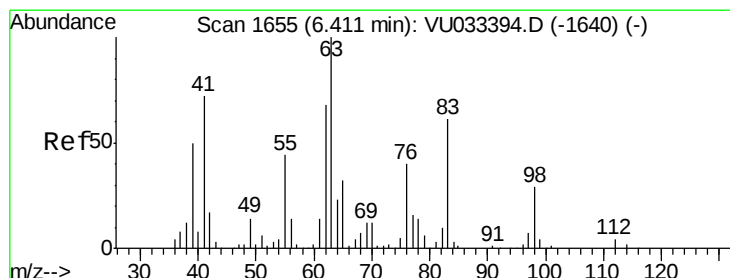
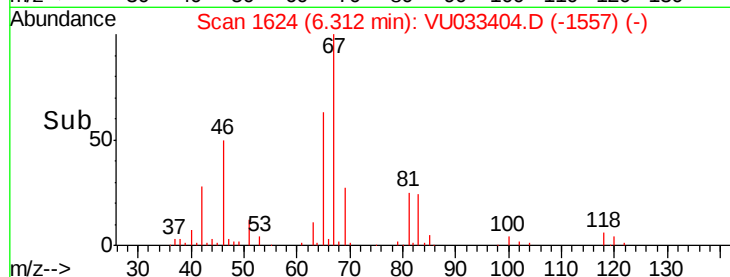
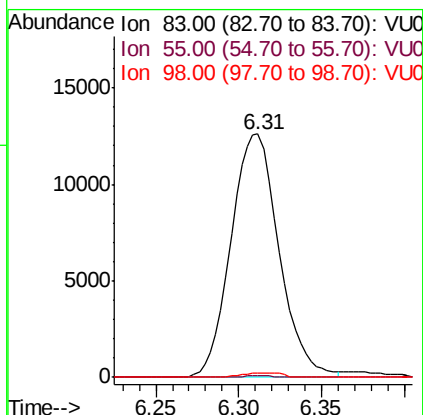
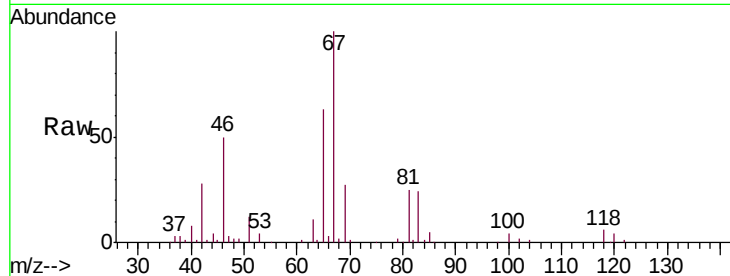




#35
Methylcyclohexane
Concen: 7.739 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033404.D
Acq: 25 Jul 2019 12:49

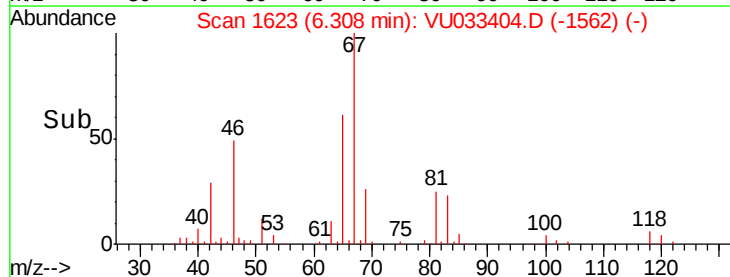
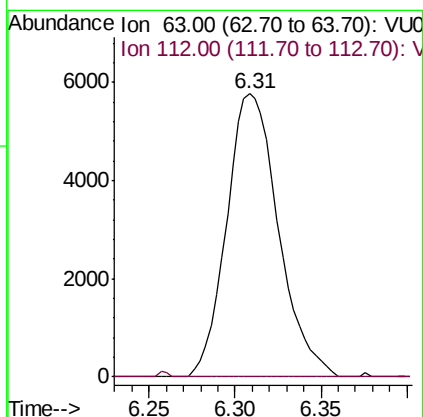
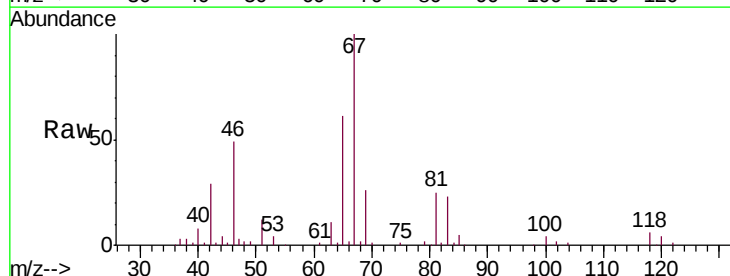
Instrument :
MSVOA_U
ClientSampleId :
F2A11

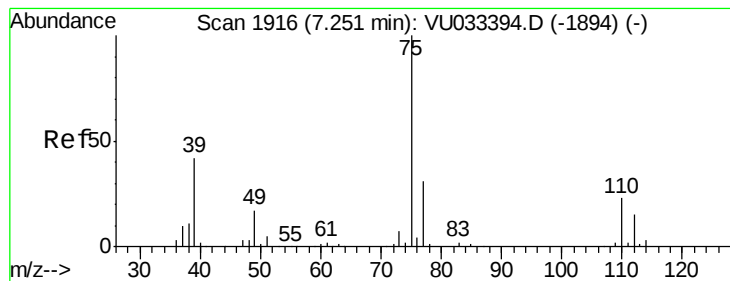
Tgt Ion: 83 Resp: 25432
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 1.3 37.4 56.0#



#37
1,2-Dichloropropane
Concen: 5.443 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033404.D
Acq: 25 Jul 2019 12:49

Tgt Ion: 63 Resp: 12107
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



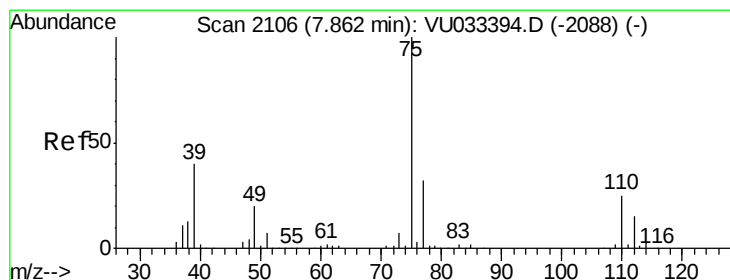
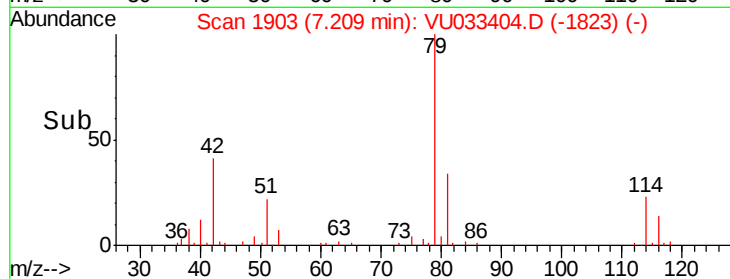
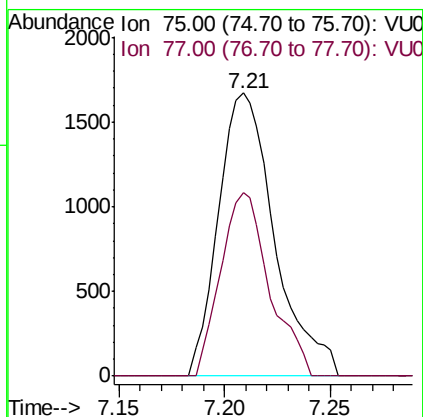
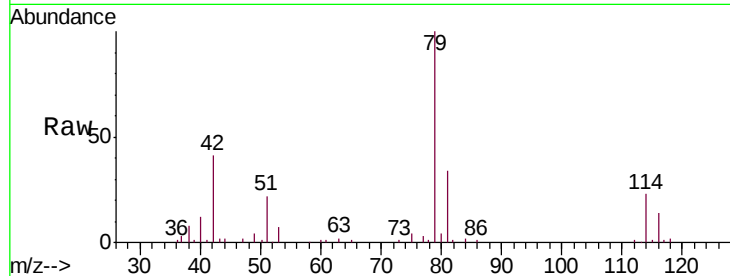


#39

cis-1,3-Dichloropropene
Concen: 0.907 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033404.D
Acq: 25 Jul 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
F2A11

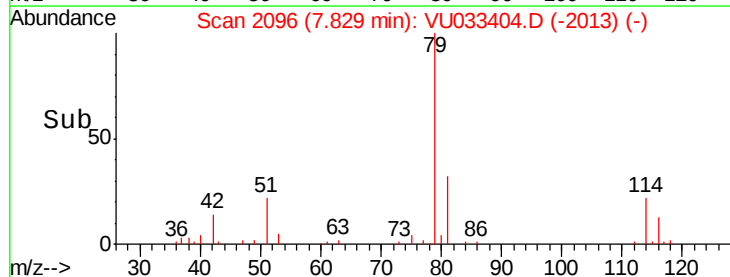
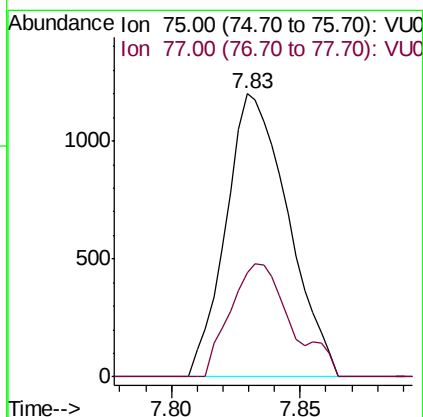
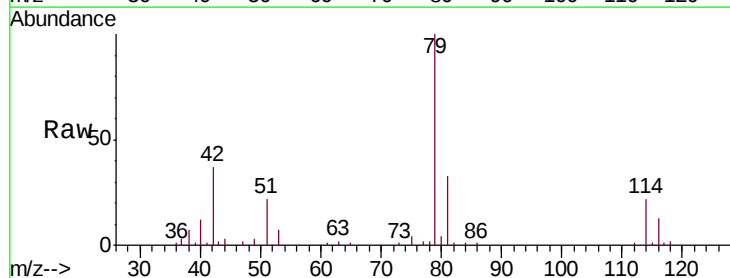
Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
77 64.7 23.1 42.9#

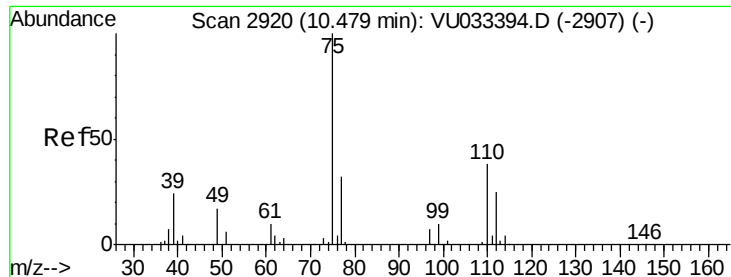


#44

trans-1,3-Dichloropropene
Concen: 0.656 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU033404.D
Acq: 25 Jul 2019 12:49

Tgt Ion: 75 Resp: 2019
Ion Ratio Lower Upper
75 100
77 36.9 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.143 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033404.D

Acq: 25 Jul 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

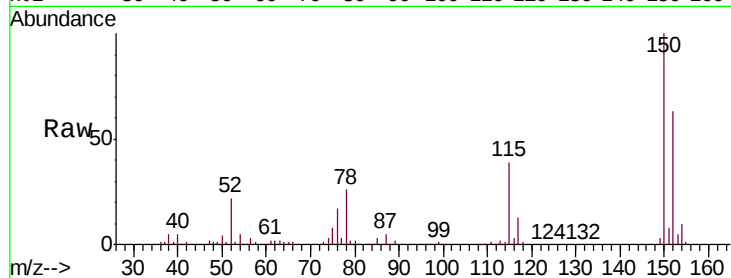
F2A11

Tgt Ion: 75 Resp: 14893

Ion Ratio Lower Upper

75 100

77 36.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

