

Data File : VU033397.D
Acq On : 25 Jul 2019 10:09
Operator : JC/SP
Sample : K3982-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA1

Quant Time: Jul 26 04:36:30 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	262272	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	264276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	111636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80422	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.02%
7) Chloroethane-d5	1.67	69	78735	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.26	63	119157	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	4.15	46	122526	97.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	4.62	84	159823	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.29	65	107536	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.32	84	301142	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
36) 1,2-Dichloropropane-d6	6.31	67	102313	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.54%
41) Toluene-d8	7.55	98	261271	42.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.48%
43) trans-1,3-Dichloropropene-	7.83	79	44498	43.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.40%
47) 2-Hexanone-d5	8.30	63	86005	91.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	157650	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	105427	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

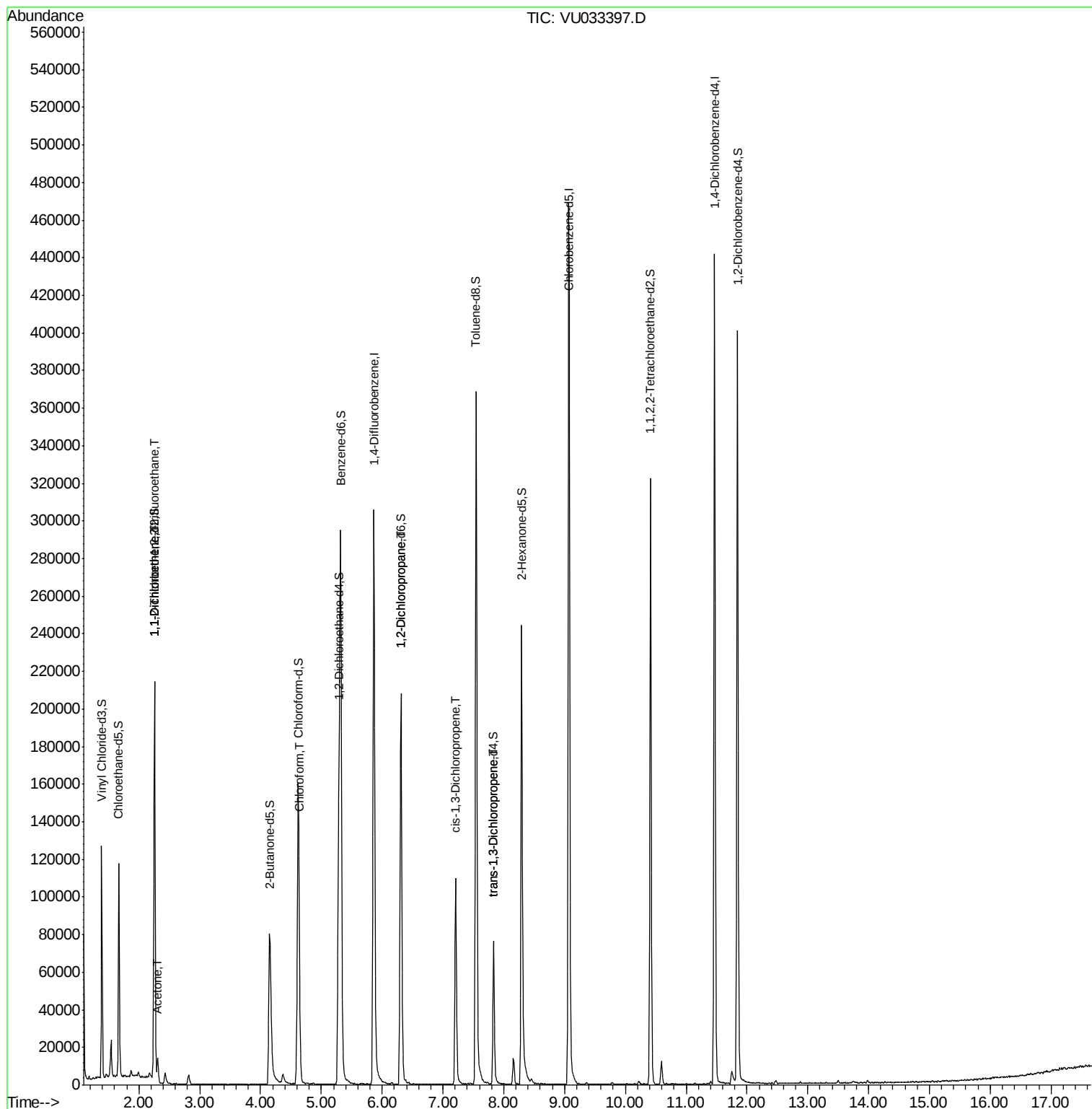
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1128	0.630 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1154	0.659 ug/L #	1
13) Acetone	2.31	43	12610	8.023 ug/L	98
25) Chloroform	4.64	83	2606	0.705 ug/L	89
37) 1,2-Dichloropropane	6.31	63	11248	5.382 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	2961	0.924 ug/L #	78
44) trans-1,3-Dichloropropene	7.83	75	2151	0.744 ug/L	86

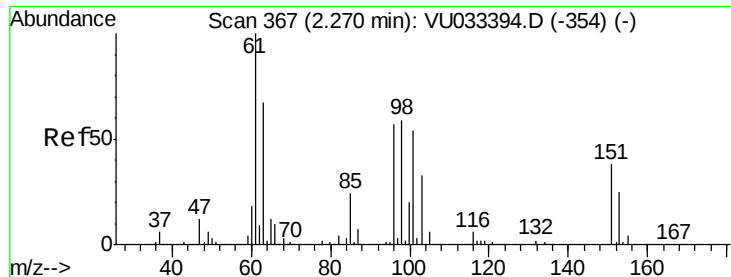
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.630 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AA1

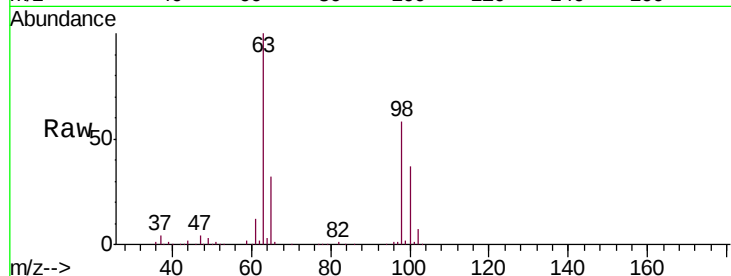
Tgt Ion: 101 Resp: 1128

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

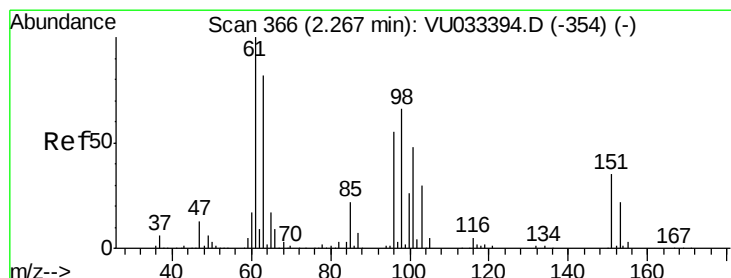
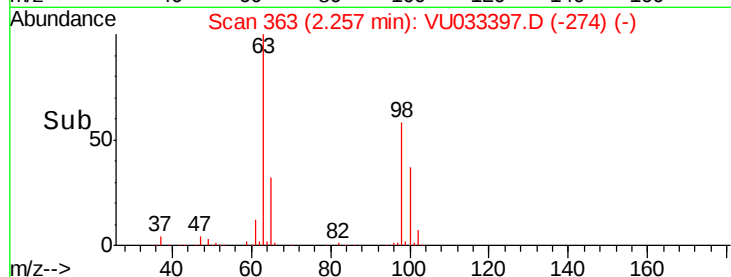
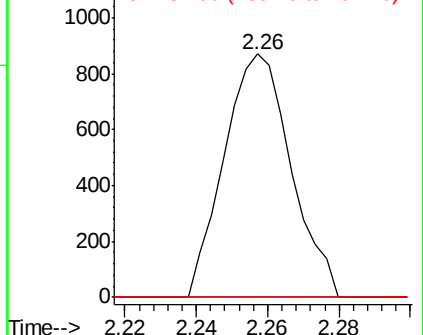
151 0.0 56.7 85.1#



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



#12

1,1-Dichloroethene

Concen: 0.659 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033397.D

Acq: 25 Jul 2019 10:09

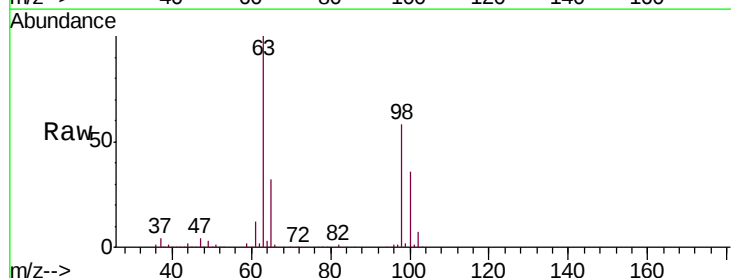
Tgt Ion: 96 Resp: 1154

Ion Ratio Lower Upper

96 100

61 1517.9 126.1 234.1#

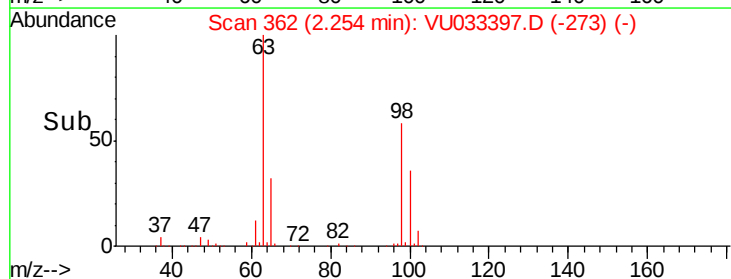
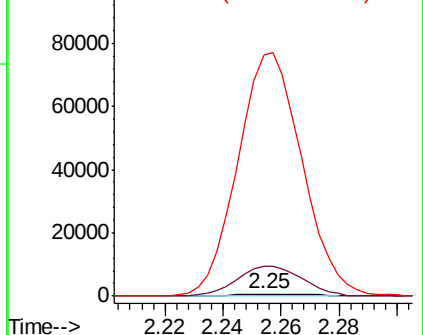
63 12335.5 96.8 179.8#

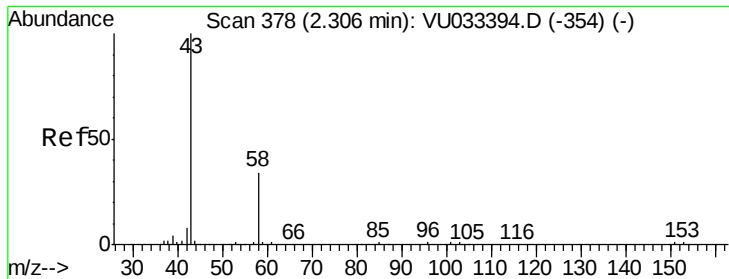


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 8.023 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033397.D

Acq: 25 Jul 2019 10:09

Instrument :

MSVOA_U

ClientSampleId :

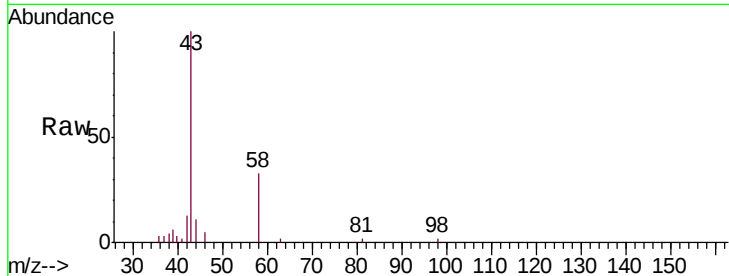
C0AA1

Tgt Ion: 43 Resp: 12610

Ion Ratio Lower Upper

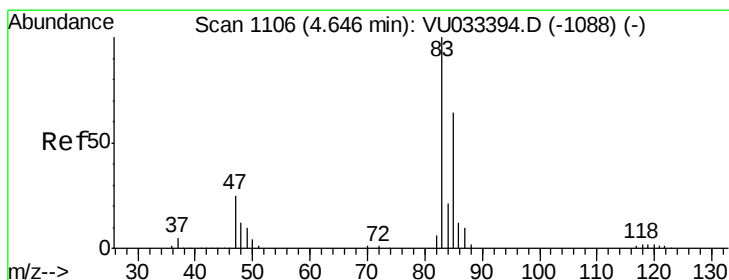
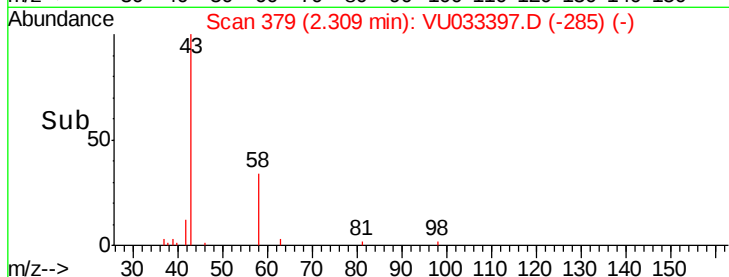
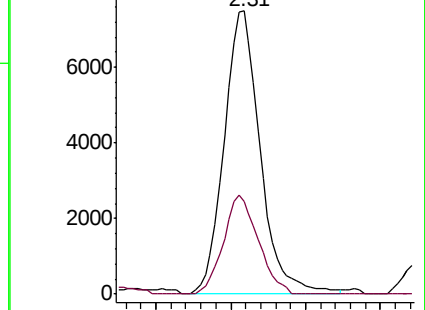
43 100

58 33.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033397.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033397.D (-354) (-)



#25

Chloroform

Concen: 0.705 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033397.D

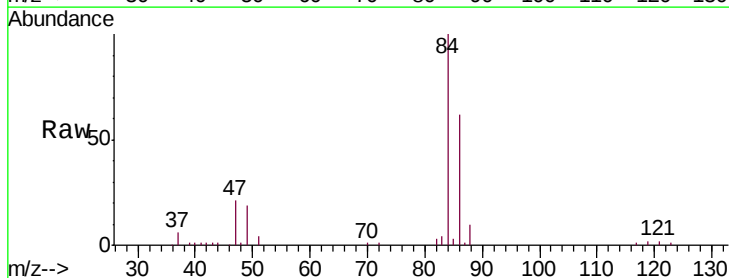
Acq: 25 Jul 2019 10:09

Tgt Ion: 83 Resp: 2606

Ion Ratio Lower Upper

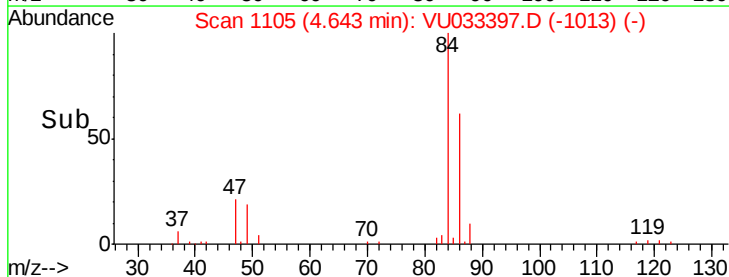
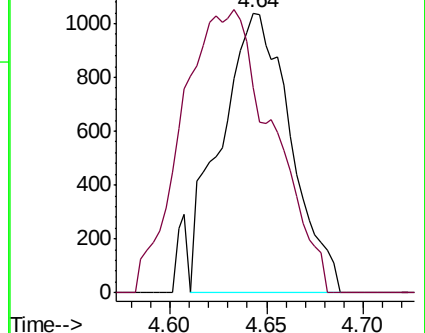
83 100

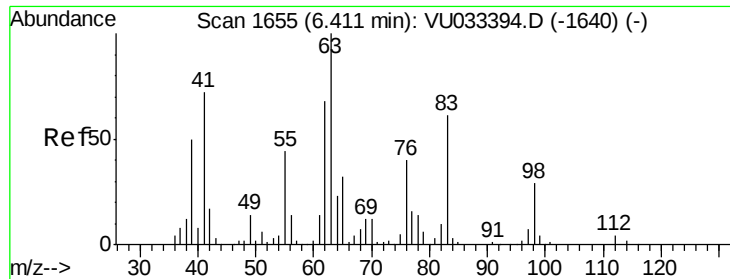
85 73.3 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033397.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VU033397.D (-1013) (-)

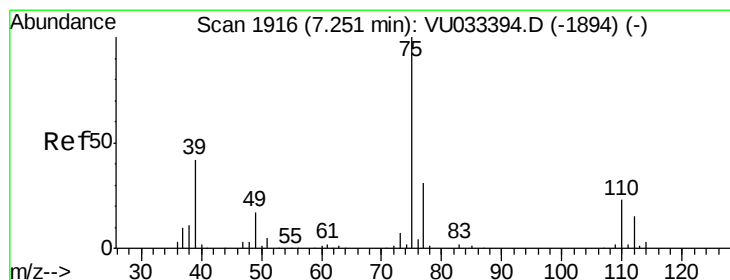
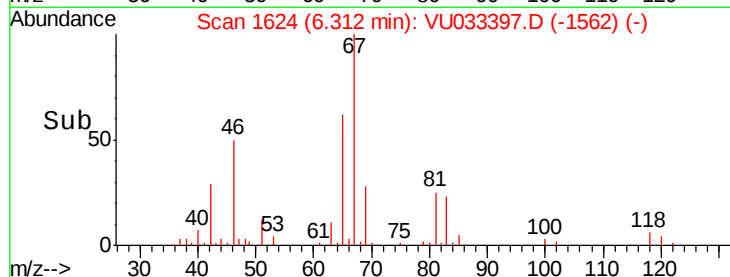
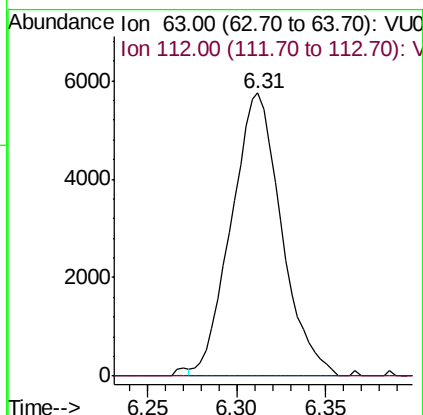
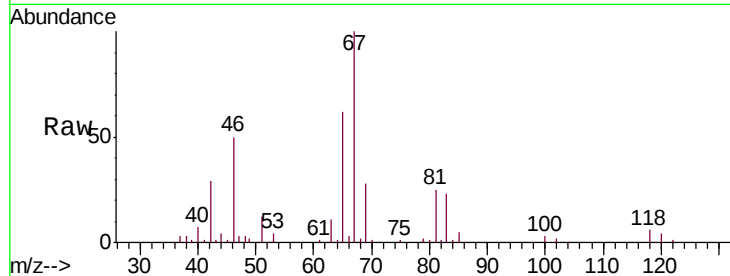




#37
 1,2-Dichloropropane
 Concen: 5.382 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033397.D
 Acq: 25 Jul 2019 10:09

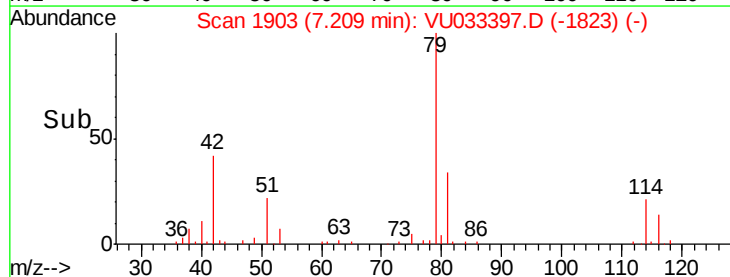
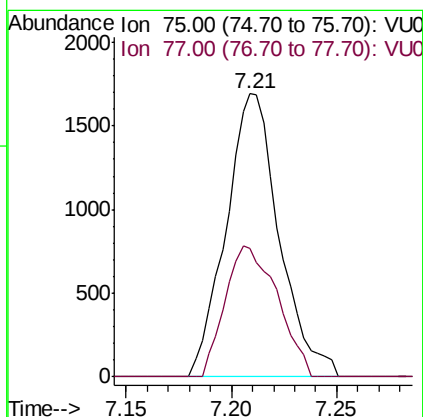
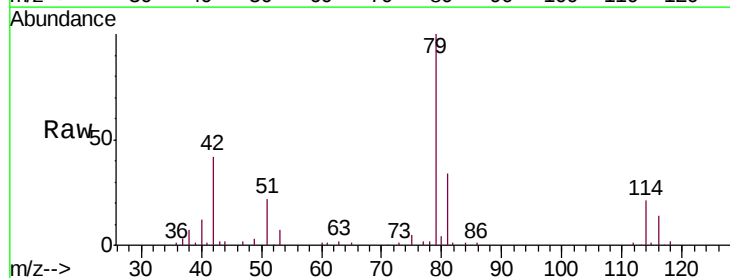
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA1

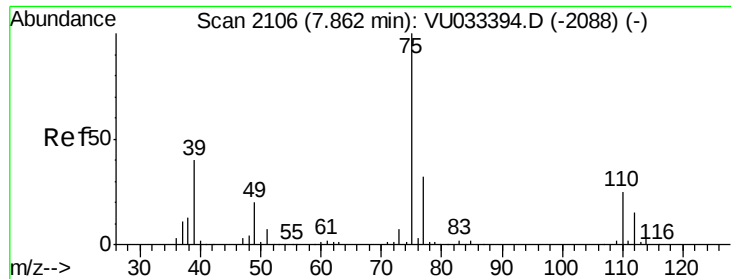
Tgt Ion: 63 Resp: 11248
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033397.D
 Acq: 25 Jul 2019 10:09

Tgt Ion: 75 Resp: 2961
 Ion Ratio Lower Upper
 75 100
 77 45.4 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033397.D

Acq: 25 Jul 2019 10:09

Instrument :

MSVOA_U

ClientSampleId :

C0AA1

Tgt Ion: 75 Resp: 2151

Ion Ratio Lower Upper

75 100

77 40.0 22.4 41.6

