

Data File : VU033424.D
Acq On : 25 Jul 2019 21:05
Operator : JC/SP
Sample : K3982-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

Quant Time: Jul 26 05:54:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	269923	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	278917	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	118531	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120112	58.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.56%
7) Chloroethane-d5	1.67	69	106489	61.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.00%
11) 1,1-Dichloroethene-d2	2.25	63	163854	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
21) 2-Butanone-d5	4.15	46	143746	111.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.03%
24) Chloroform-d	4.62	84	181671	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
26) 1,2-Dichloroethane-d4	5.29	65	128483	58.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.00%
32) Benzene-d6	5.32	84	390669	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.31	67	123415	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.62%
41) Toluene-d8	7.55	98	350289	54.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.58%
43) trans-1,3-Dichloropropene-	7.83	79	53749	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.29	63	101570	102.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	181519	54.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	131186	62.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.12%#

Target Compounds

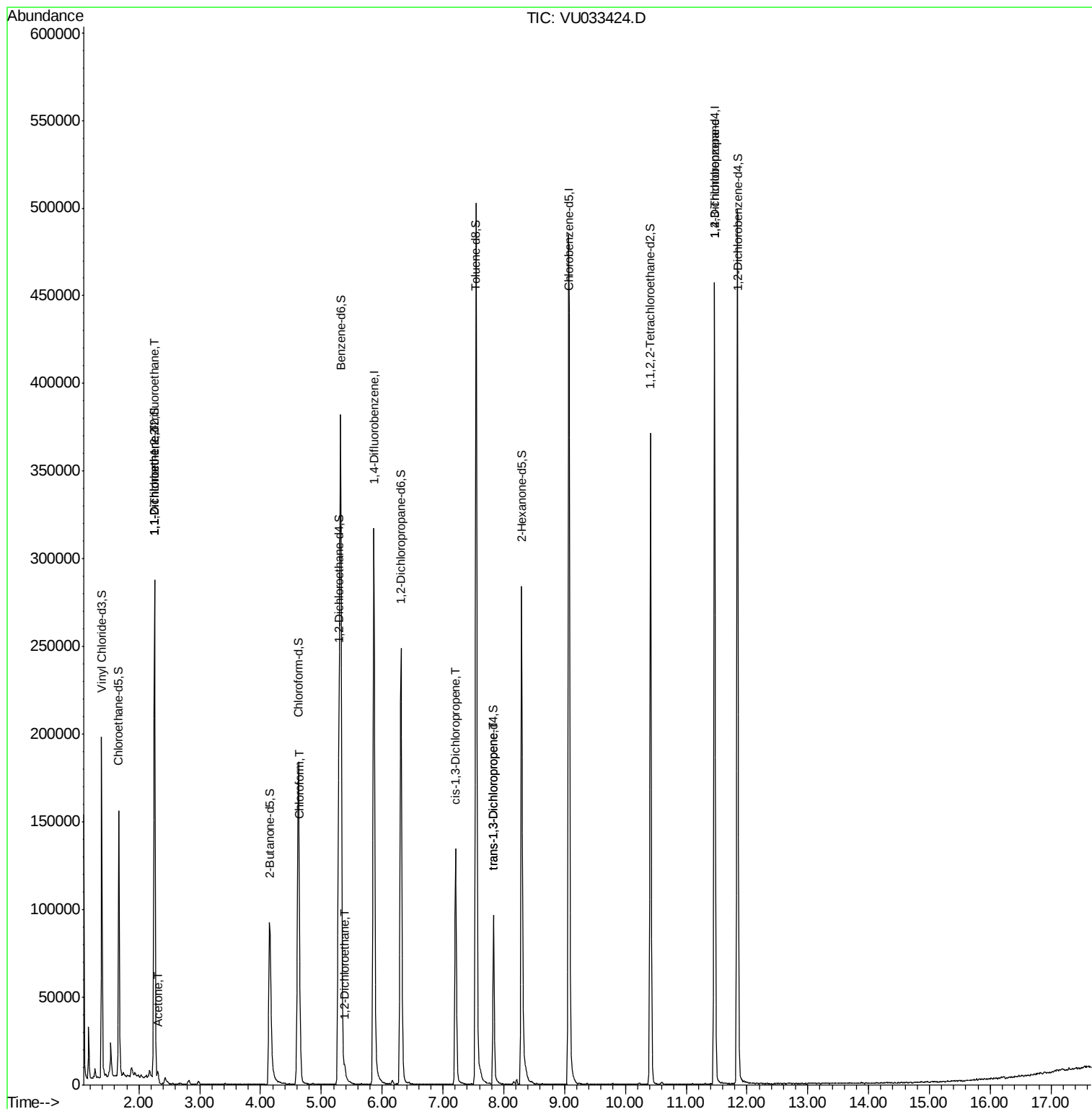
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1363	0.740 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1400	0.777 ug/L #	1
13) Acetone	2.31	43	4928	3.046 ug/L	98
25) Chloroform	4.65	83	14504	3.810 ug/L	98
27) 1,2-Dichloroethane	5.39	62	5842	1.982 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3639	1.076 ug/L #	75
44) trans-1,3-Dichloropropene	7.83	75	2402	0.787 ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	14941	5.203 ug/L	94

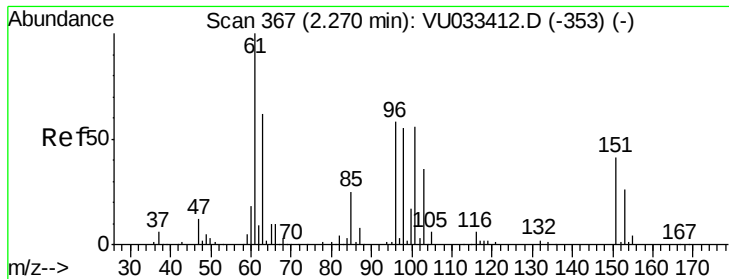
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.740 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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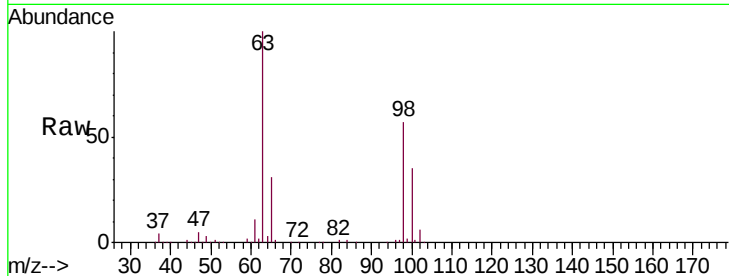
Tgt Ion:101 Resp: 1363

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

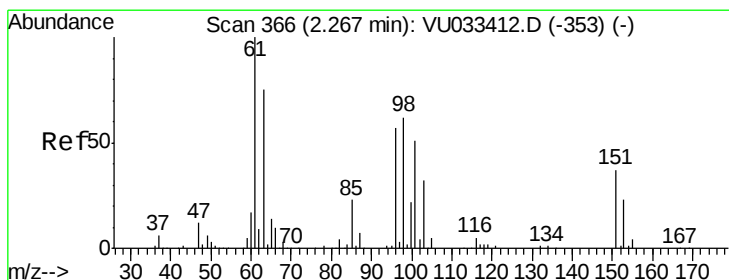
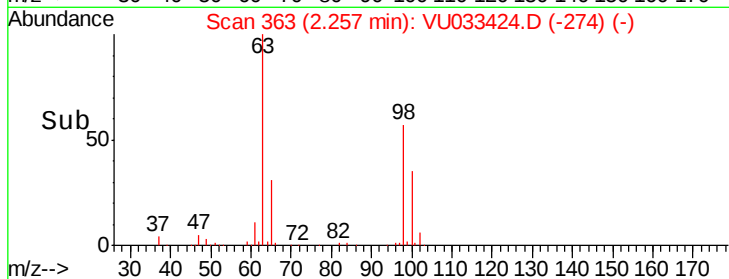
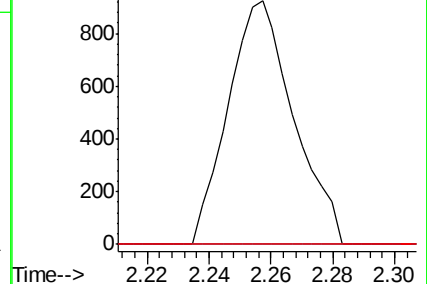
151 0.0 56.7 85.1#



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: 0.777 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033424.D

Acq: 25 Jul 2019 21:05

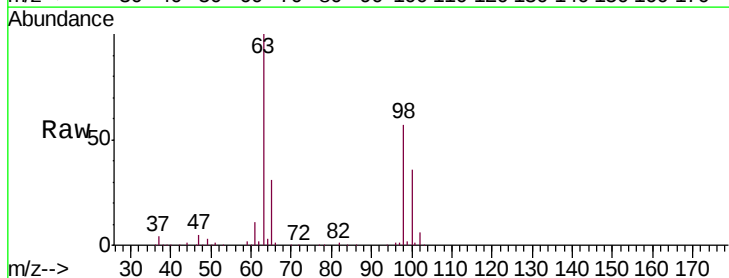
Tgt Ion: 96 Resp: 1400

Ion Ratio Lower Upper

96 100

61 1282.4 126.1 234.1#

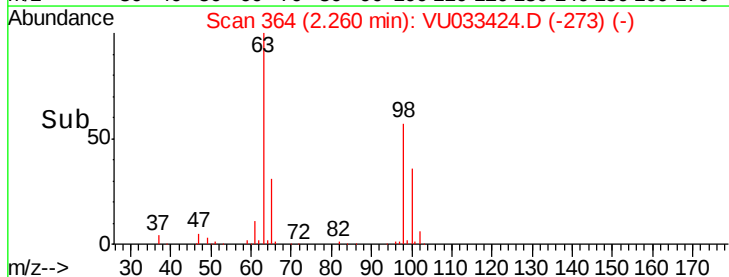
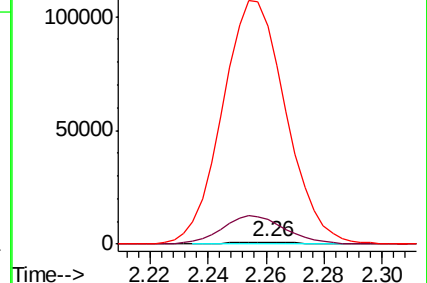
63 11399.5 96.8 179.8#

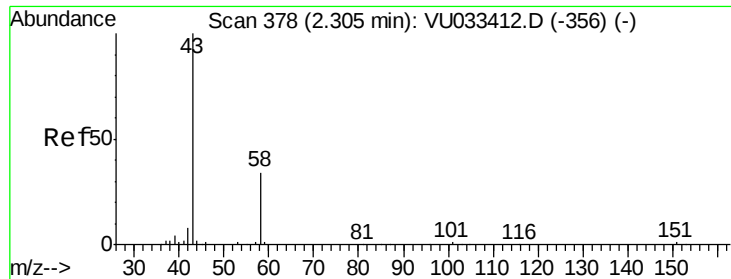


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.046 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

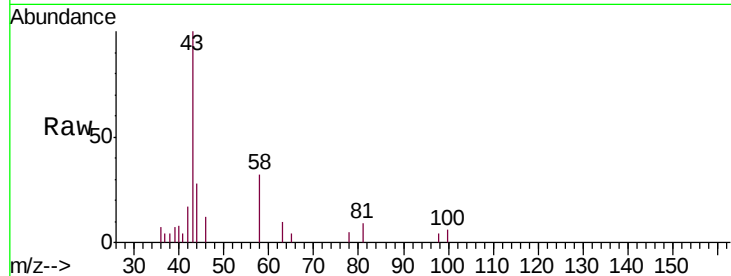
C0AA3

Tgt Ion: 43 Resp: 4928

Ion Ratio Lower Upper

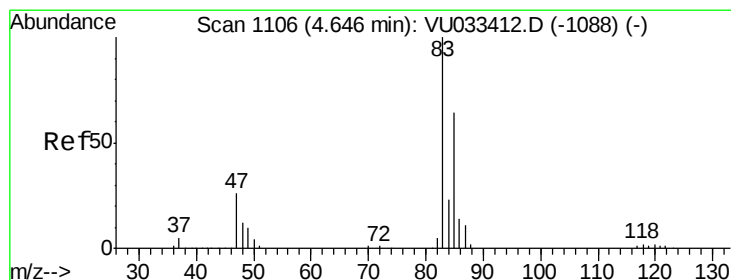
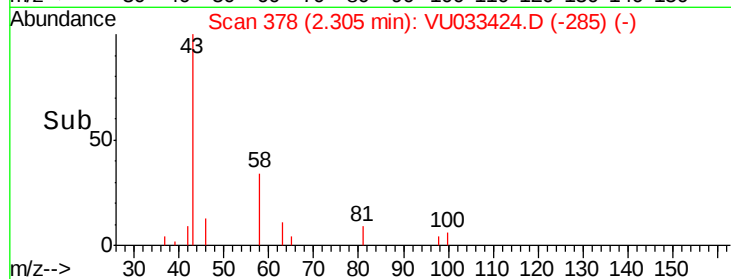
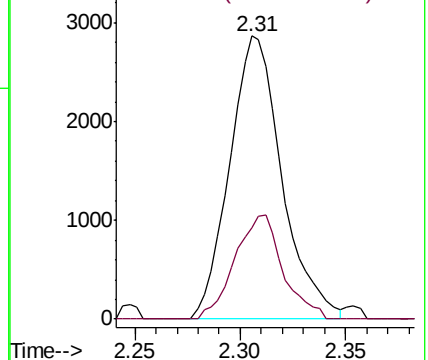
43 100

58 33.8 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033424.D (-1012) (-)

Ion 58.00 (57.70 to 58.70): VU033424.D (-1012) (-)



#25

Chloroform

Concen: 3.810 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033424.D

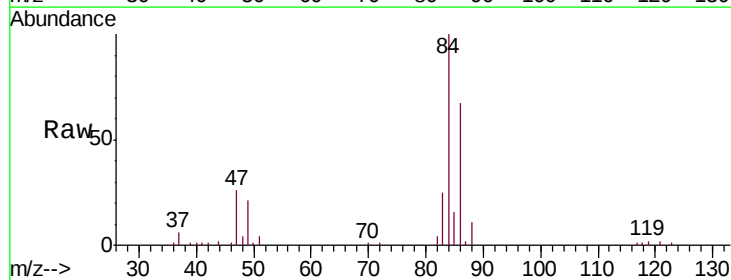
Acq: 25 Jul 2019 21:05

Tgt Ion: 83 Resp: 14504

Ion Ratio Lower Upper

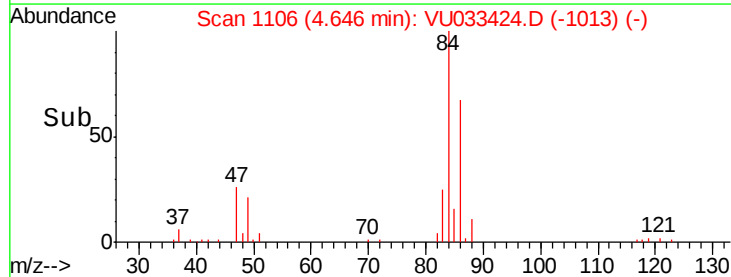
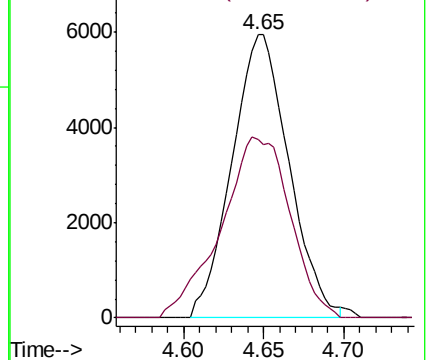
83 100

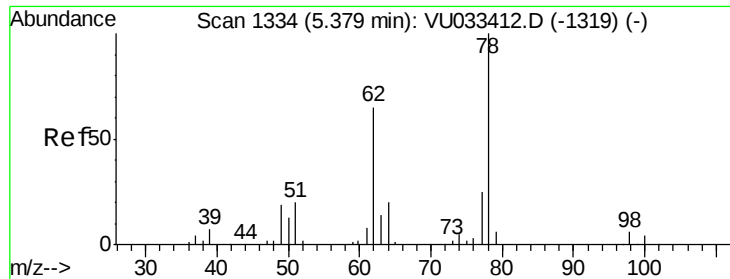
85 63.0 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033424.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VU033424.D (-1013) (-)





#27

1,2-Dichloroethane

Concen: 1.982 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.01 min

Lab File: VU033424.D

Acq: 25 Jul 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

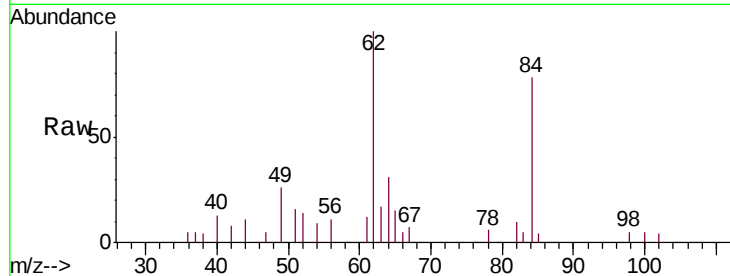
C0AA3

Tgt Ion: 62 Resp: 5842

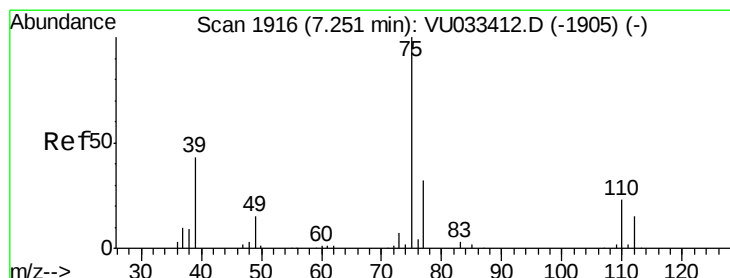
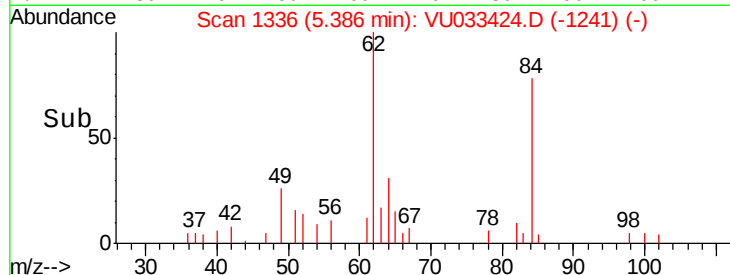
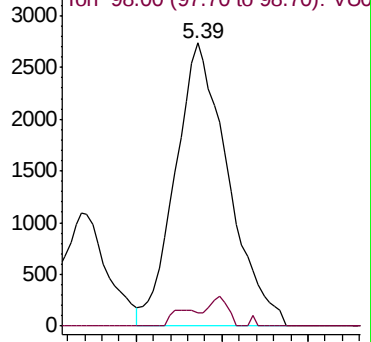
Ion Ratio Lower Upper

62 100

98 4.8 7.0 10.6#



Abundance Ion 62.00 (61.70 to 62.70): VU033412.D (-1319) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

RT: 7.21 min Scan# 1902

Delta R.T. -0.05 min

Lab File: VU033424.D

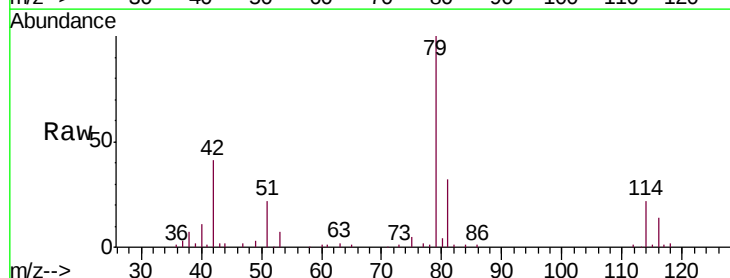
Acq: 25 Jul 2019 21:05

Tgt Ion: 75 Resp: 3639

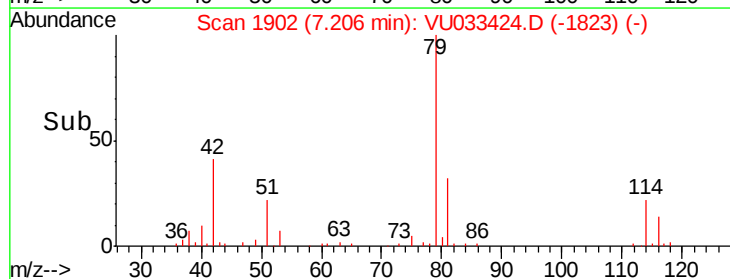
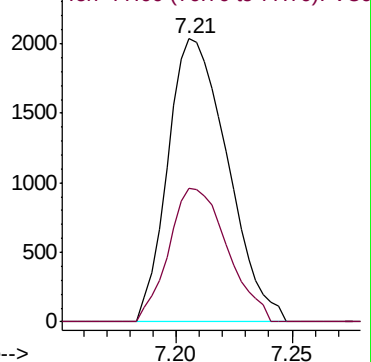
Ion Ratio Lower Upper

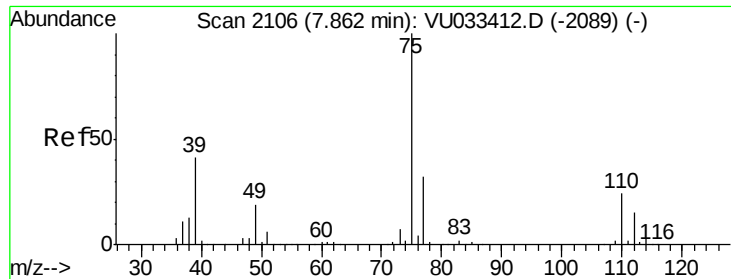
75 100

77 47.2 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU033412.D (-1905) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.787 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033424.D

Acq: 25 Jul 2019 21:05

Instrument :

MSVOA_U

ClientSampleId :

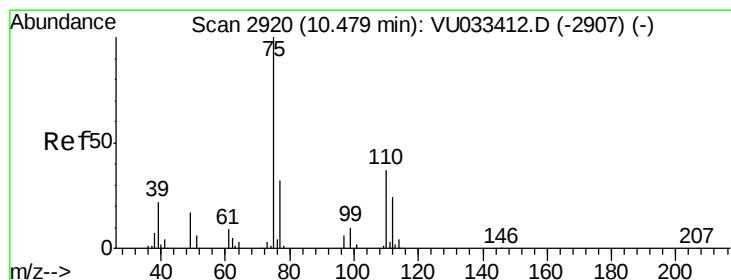
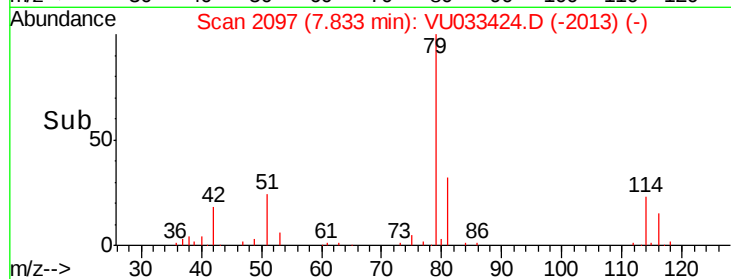
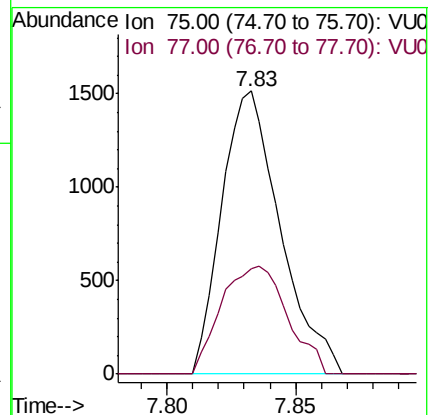
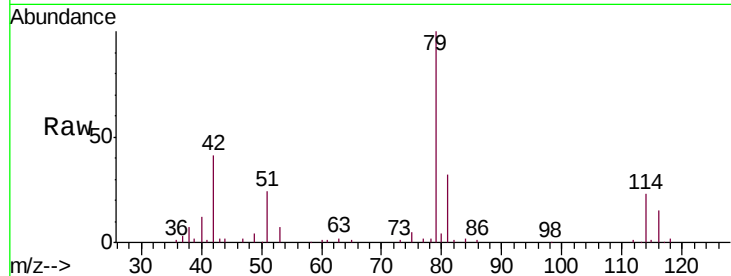
C0AA3

Tgt Ion: 75 Resp: 2402

Ion Ratio Lower Upper

75 100

77 37.1 22.4 41.6



#59

1,2,3-Trichloropropane

Concen: 5.203 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033424.D

Acq: 25 Jul 2019 21:05

Tgt Ion: 75 Resp: 14941

Ion Ratio Lower Upper

75 100

77 36.1 26.0 39.0

