

Data File : VU033442.D
Acq On : 26 Jul 2019 10:58
Operator : JC/SP
Sample : K3957-20DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A14DL

Quant Time: Jul 27 02:00:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	270942	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	278605	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	116985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	113931	55.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.10%
7) Chloroethane-d5	1.67	69	102090	58.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.52%
11) 1,1-Dichloroethene-d2	2.25	63	161610	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
21) 2-Butanone-d5	4.15	46	135397	104.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.19%
24) Chloroform-d	4.62	84	179338	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	5.29	65	128759	58.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.82%
32) Benzene-d6	5.32	84	379187	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
36) 1,2-Dichloropropane-d6	6.31	67	124392	56.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.64%
41) Toluene-d8	7.55	98	339180	52.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.26%
43) trans-1,3-Dichloropropene-	7.83	79	56377	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.02%
47) 2-Hexanone-d5	8.30	63	101401	102.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	181750	54.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	127782	61.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.50%#

Target Compounds

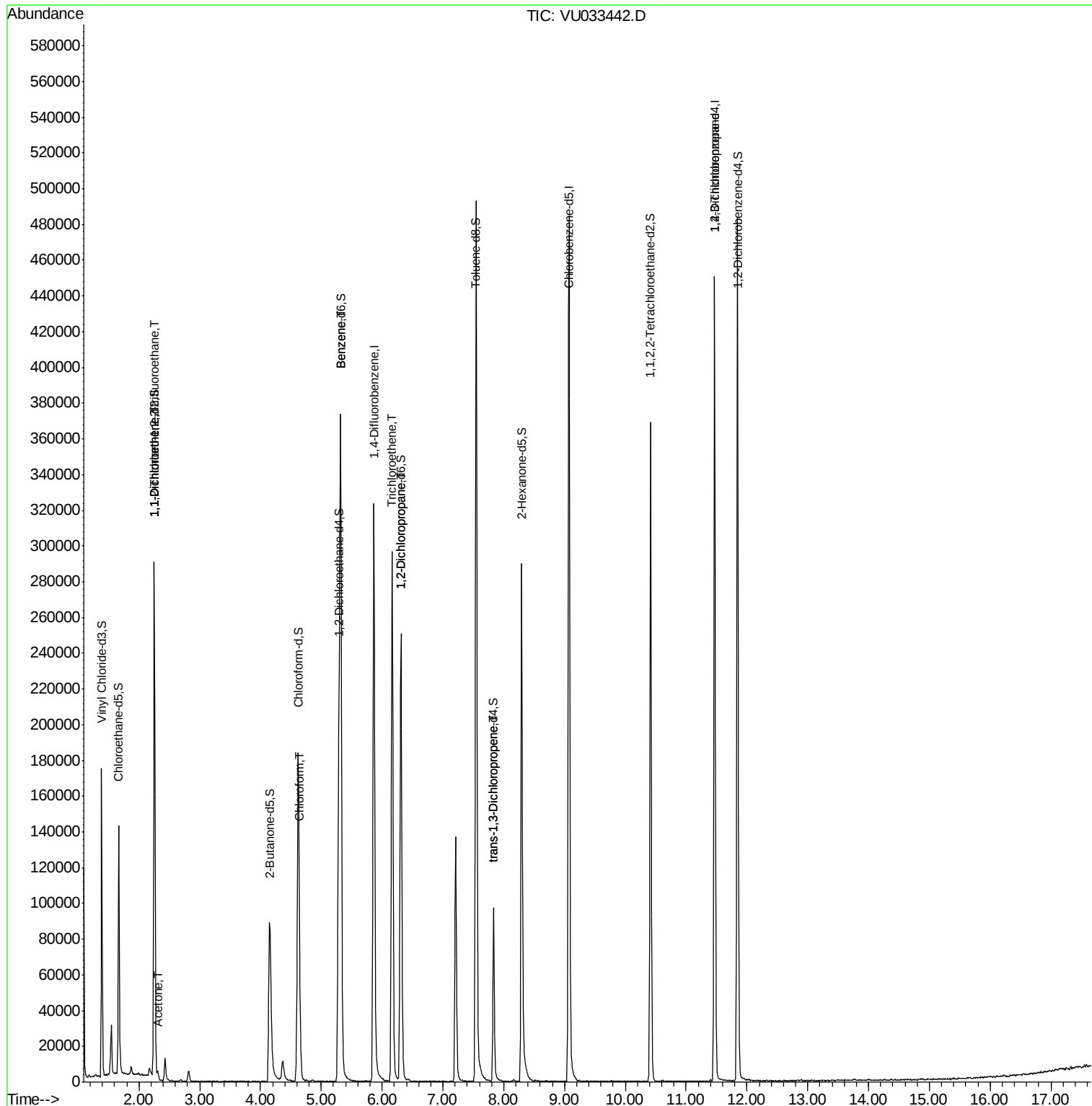
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1487	0.804 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1359	0.751 ug/L #	1
13) Acetone	2.31	43	3502	2.157 ug/L	95
25) Chloroform	4.65	83	16295	4.264 ug/L	95
33) Benzene	5.32	78	3335	0.410 ug/L	100
34) Trichloroethene	6.16	95	103450	48.685 ug/L	96
37) 1,2-Dichloropropane	6.31	63	13905	6.311 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	2617	0.859 ug/L	100
59) 1,2,3-Trichloropropane	11.47	75	14693	5.122 ug/L	94

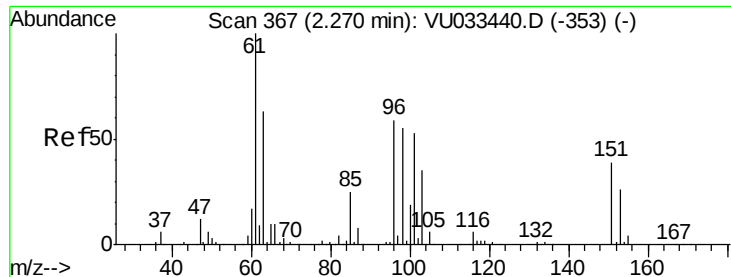
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.804 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Acq: 26 Jul 2019 10:58

Instrument :

MSVOA_U

ClientSampleId :

F2A14DL

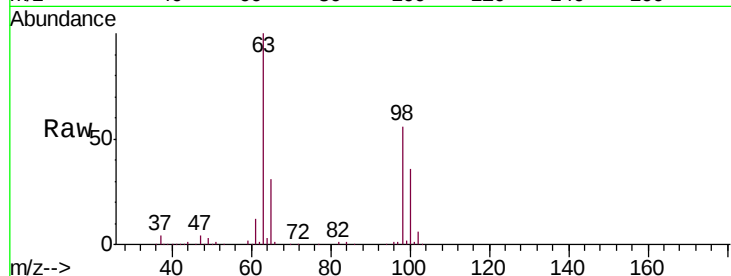
Tgt Ion: 101 Resp: 1487

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

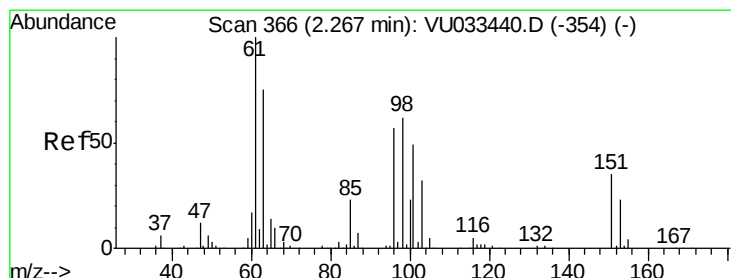
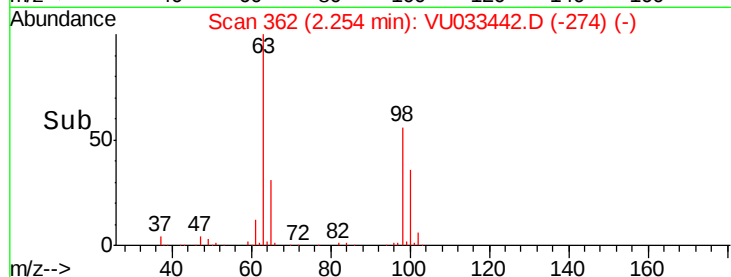
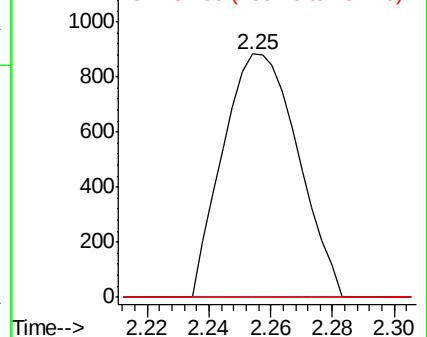
151 0.0 56.7 85.1#



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: 0.751 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033442.D

Acq: 26 Jul 2019 10:58

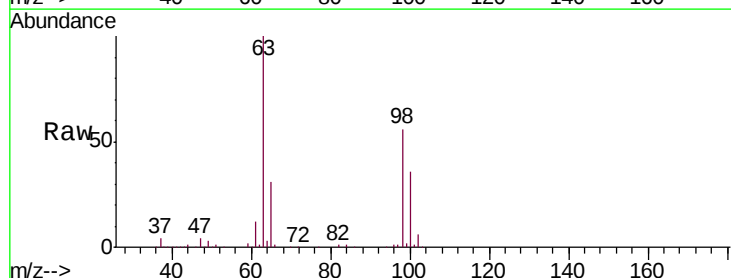
Tgt Ion: 96 Resp: 1359

Ion Ratio Lower Upper

96 100

61 1386.8 126.1 234.1#

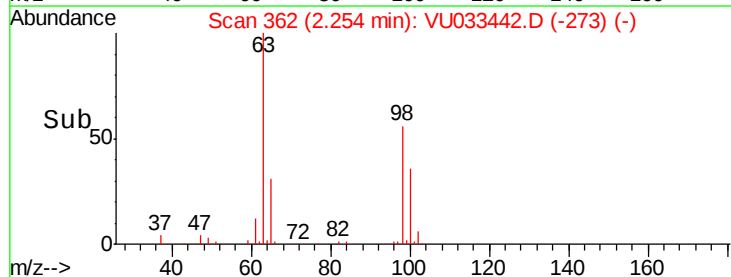
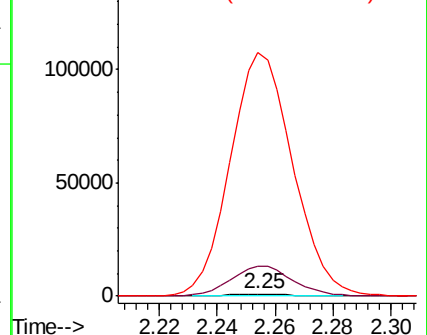
63 11240.1 96.8 179.8#

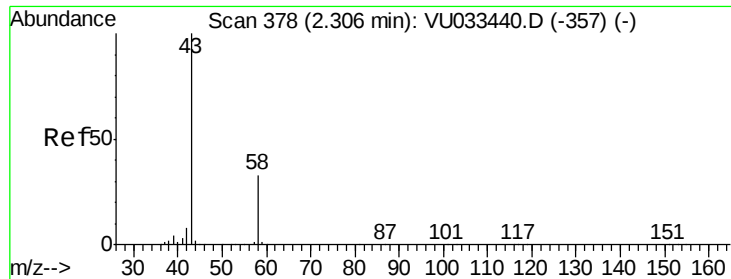


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.157 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033442.D

Acq: 26 Jul 2019 10:58

Instrument :

MSVOA_U

ClientSampleId :

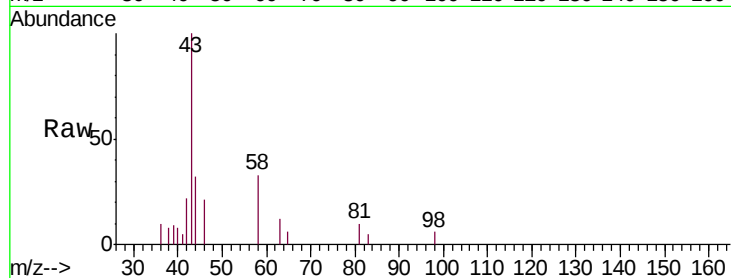
F2A14DL

Tgt Ion: 43 Resp: 3502

Ion Ratio Lower Upper

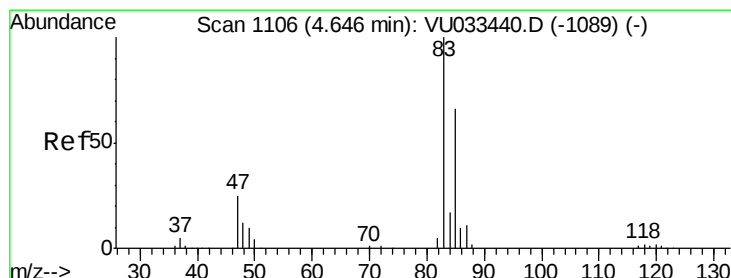
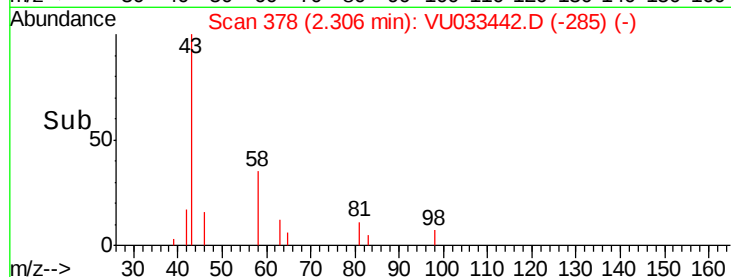
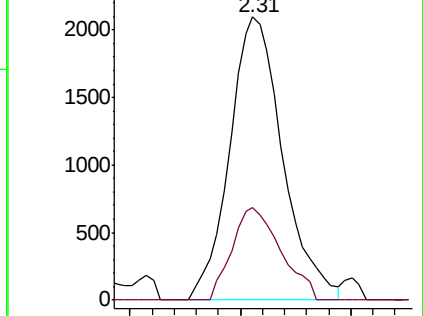
43 100

58 30.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033440.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033440.D (-357) (-)



#25

Chloroform

Concen: 4.264 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033442.D

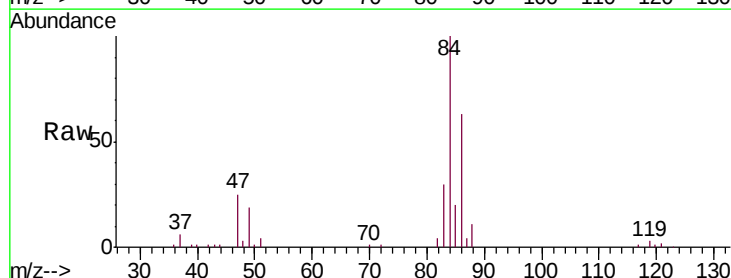
Acq: 26 Jul 2019 10:58

Tgt Ion: 83 Resp: 16295

Ion Ratio Lower Upper

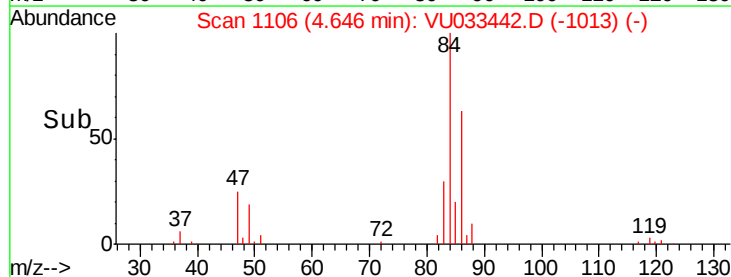
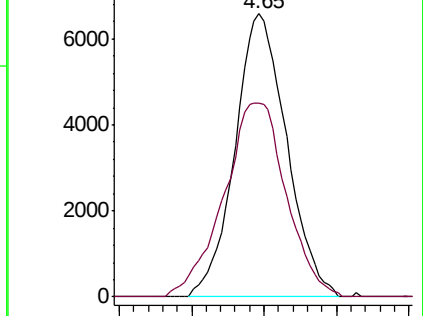
83 100

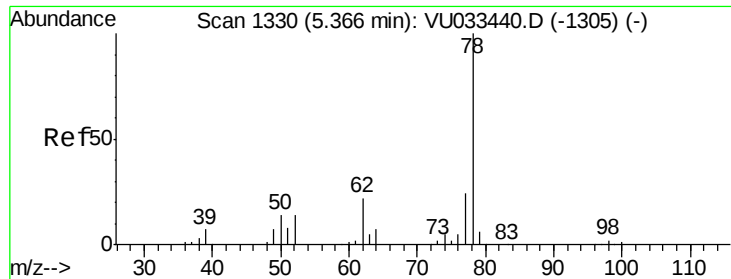
85 68.5 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033440.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033440.D (-1089) (-)





#33

Benzene

Concen: 0.410 ug/L

RT: 5.32 min Scan# 1315

Delta R.T. -0.05 min

Lab File: VU033442.D

Acq: 26 Jul 2019 10:58

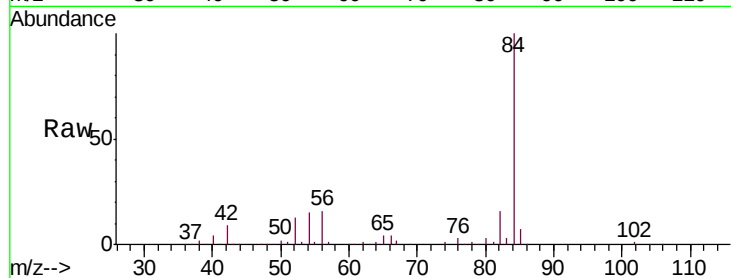
Instrument :

MSVOA_U

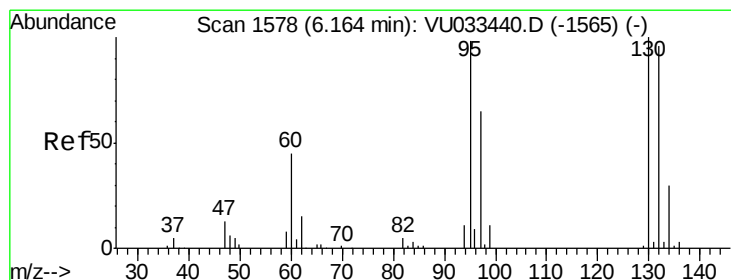
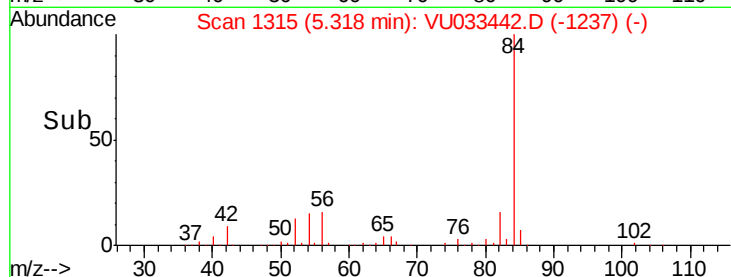
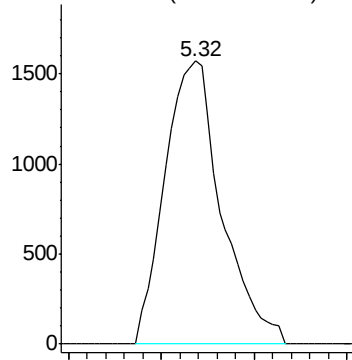
ClientSampled :

F2A14DL

Tgt Ion: 78 Resp: 3335



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 48.685 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033442.D

Acq: 26 Jul 2019 10:58

Tgt Ion: 95 Resp: 103450

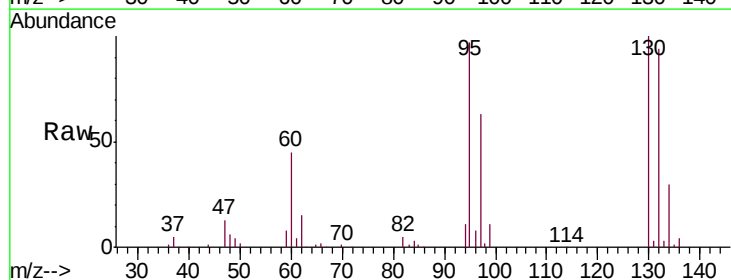
Ion Ratio Lower Upper

95 100

97 65.3 43.8 81.4

132 97.3 65.5 121.6

130 103.3 69.7 129.5

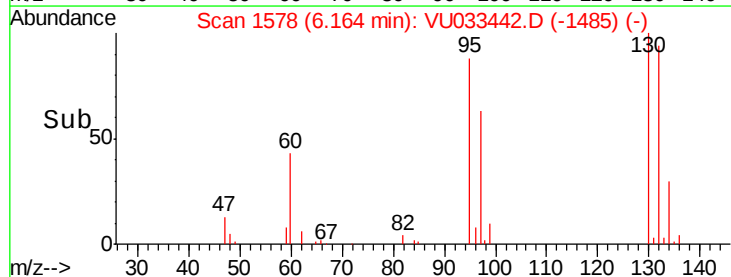
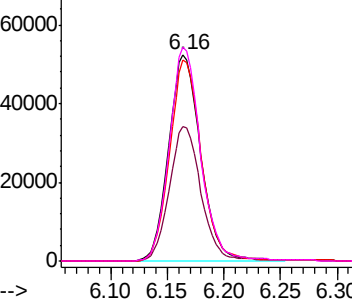


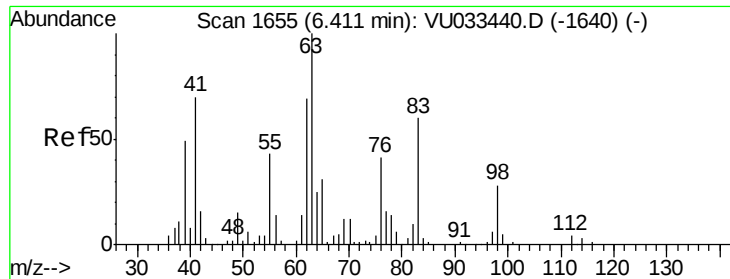
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 6.311 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033442.D

Acq: 26 Jul 2019 10:58

Instrument :

MSVOA_U

ClientSampleId :

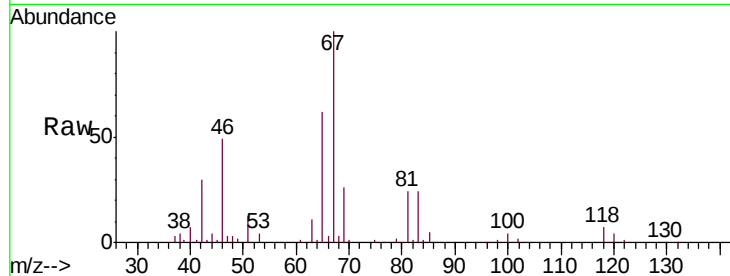
F2A14DL

Tgt Ion: 63 Resp: 13905

Ion Ratio Lower Upper

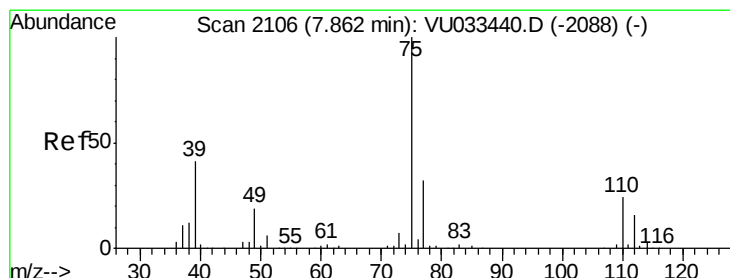
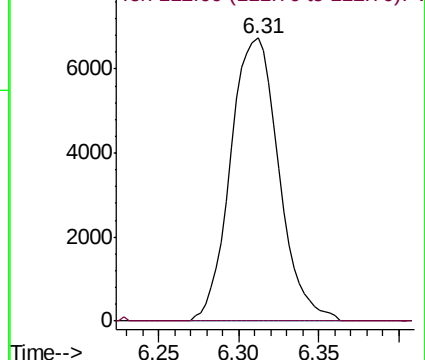
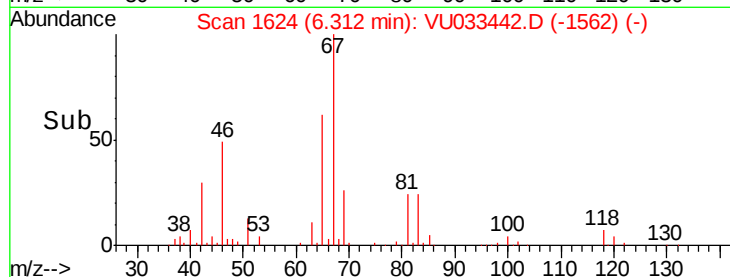
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU033442.D (-1562) (-)

Ion 112.00 (111.70 to 112.70): VU033442.D (-1562) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.859 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033442.D

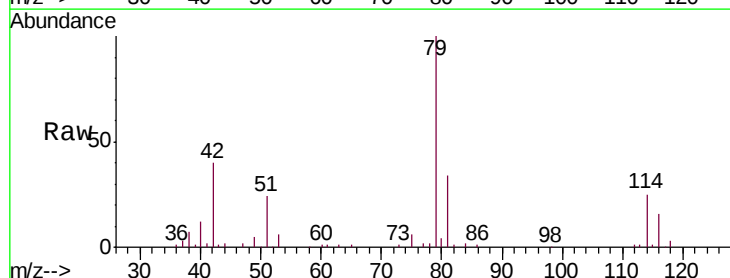
Acq: 26 Jul 2019 10:58

Tgt Ion: 75 Resp: 2617

Ion Ratio Lower Upper

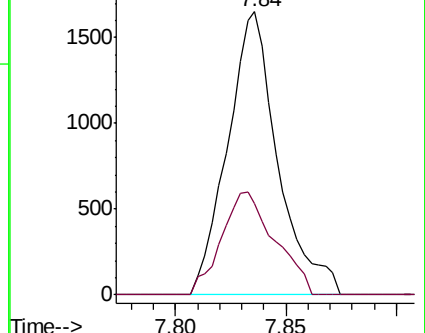
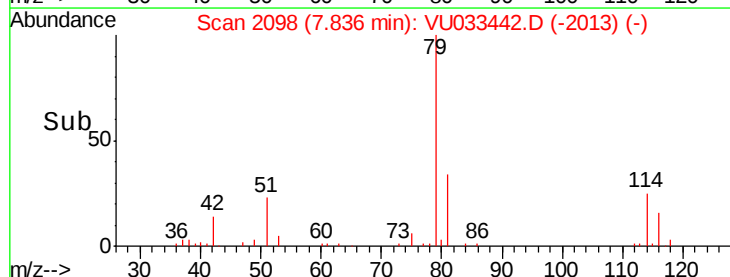
75 100

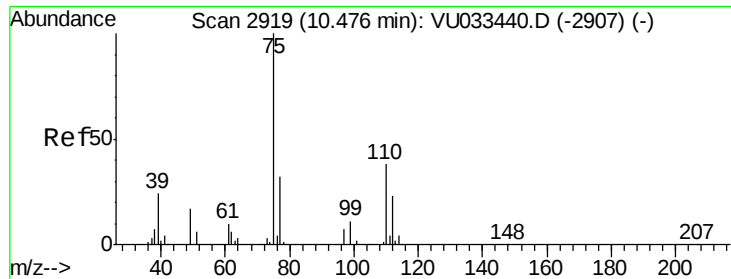
77 32.2 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033442.D (-2013) (-)

Ion 77.00 (76.70 to 77.70): VU033442.D (-2013) (-)





#59

1,2,3-Trichloropropane

Concen: 5.122 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033442.D

Acq: 26 Jul 2019 10:58

Instrument :

MSVOA_U

ClientSampleId :

F2A14DL

Tgt Ion: 75 Resp: 14693

Ion Ratio Lower Upper

75 100

77 35.9 26.0 39.0

