

Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A15

Quant Time: Jul 27 02:01:05 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	264080	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	266315	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	111386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	108959	54.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.00%
7) Chloroethane-d5	1.67	69	98285	57.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.10%
11) 1,1-Dichloroethene-d2	2.26	63	164792	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
21) 2-Butanone-d5	4.15	46	142446	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.62	84	183236	54.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.38%
26) 1,2-Dichloroethane-d4	5.28	65	125136	58.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.48%
32) Benzene-d6	5.32	84	370375	56.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.38%
36) 1,2-Dichloropropane-d6	6.31	67	121339	57.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.96%
41) Toluene-d8	7.55	98	332534	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%
43) trans-1,3-Dichloropropene-	7.83	79	52626	51.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.56%
47) 2-Hexanone-d5	8.30	63	97148	102.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.97%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	179121	56.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	123645	62.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.50%#

Target Compounds

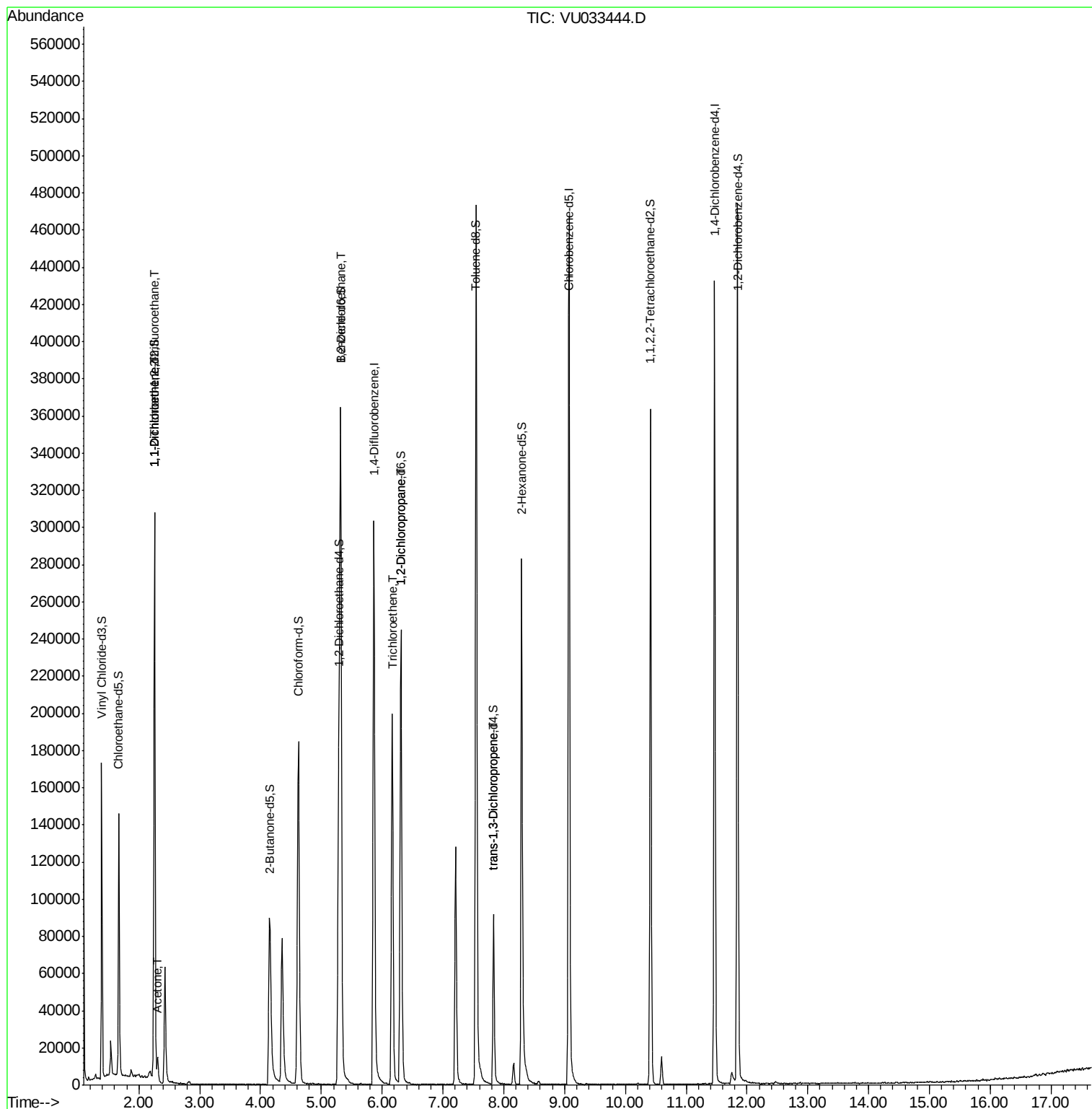
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1437	0.798	ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1697	0.963	ug/L #	1
13) Acetone	2.31	43	11644	7.358	ug/L	94
27) 1,2-Dichloroethane	5.32	62	1874	0.650	ug/L #	76
34) Trichloroethene	6.17	95	70283	34.603	ug/L	99
37) 1,2-Dichloropropane	6.31	63	13124	6.231	ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	2315	0.795	ug/L #	78

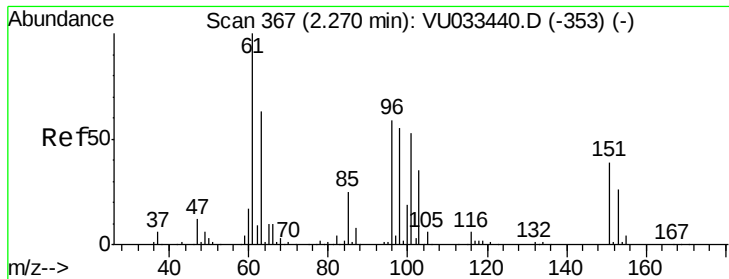
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A15

Quant Time: Jul 27 02:01:05 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





#10

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

Concen: 0.798 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

F2A15

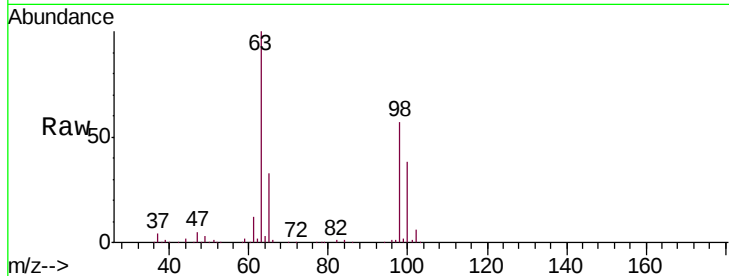
Tgt Ion: 101 Resp: 1437

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

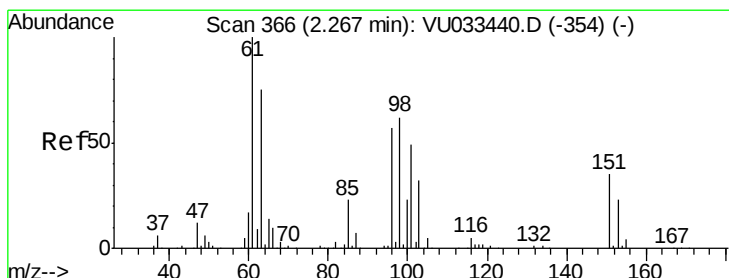
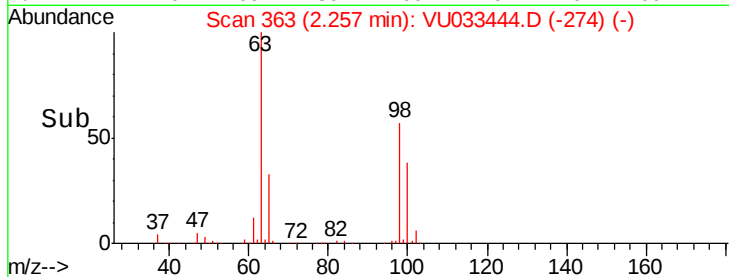
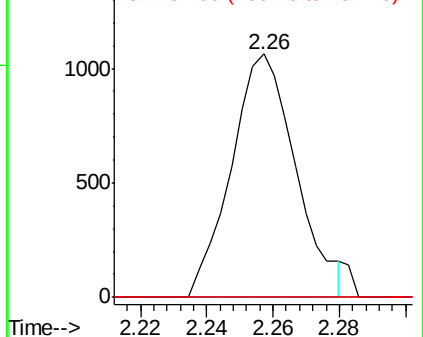
151 0.0 56.7 85.1#



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: 0.963 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

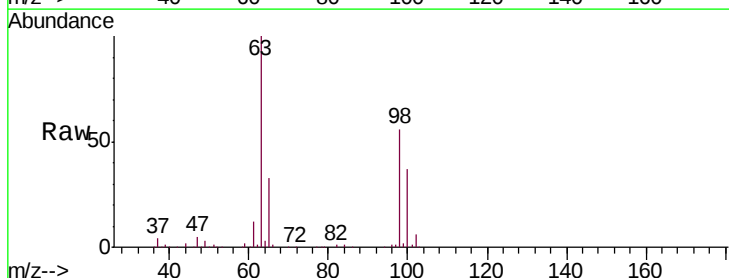
Tgt Ion: 96 Resp: 1697

Ion Ratio Lower Upper

96 100

61 1334.4 126.1 234.1#

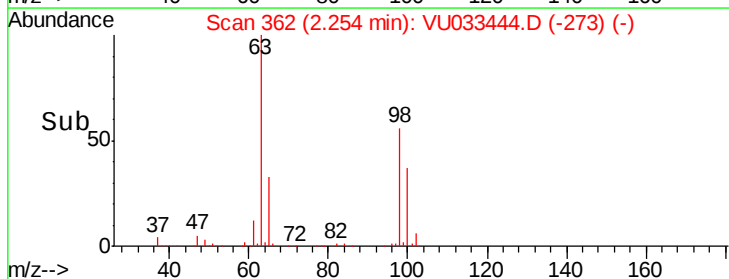
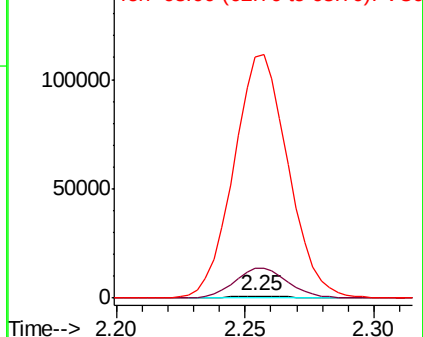
63 10982.0 96.8 179.8#

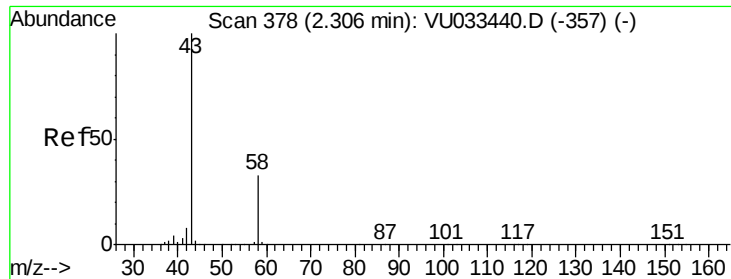


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.358 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

Instrument :

MSVOA_U

ClientSampled :

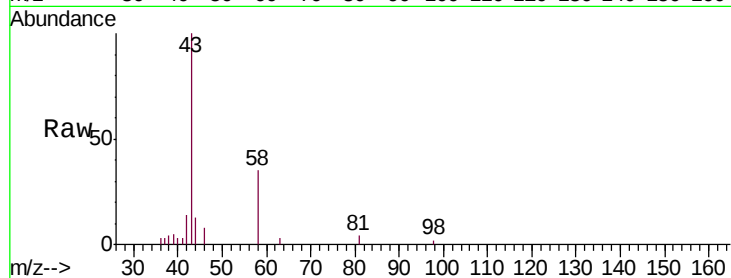
F2A15

Tgt Ion: 43 Resp: 11644

Ion Ratio Lower Upper

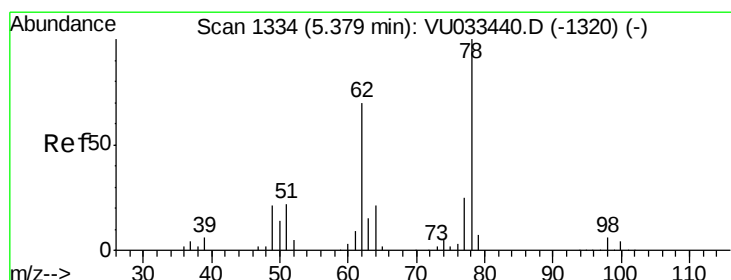
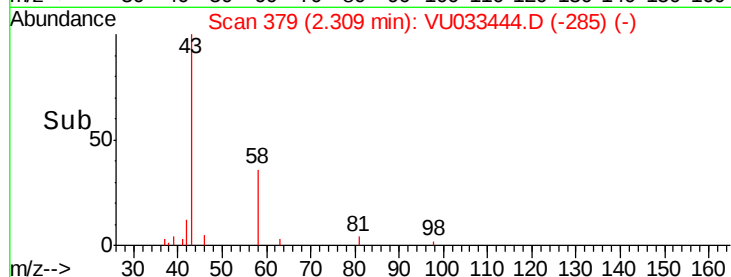
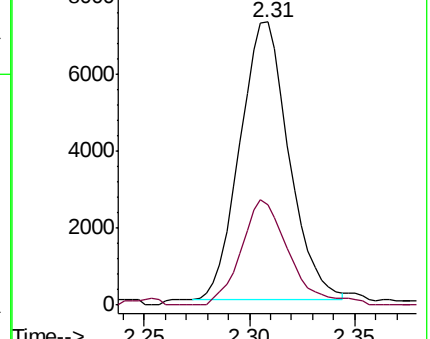
43 100

58 36.0 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) (-)



#27

1,2-Dichloroethane

Concen: 0.650 ug/L

RT: 5.32 min Scan# 1315

Delta R.T. -0.06 min

Lab File: VU033444.D

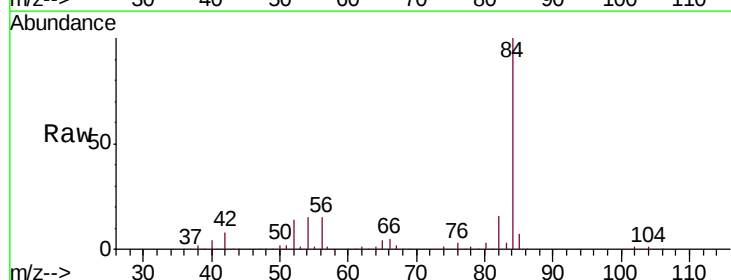
Acq: 26 Jul 2019 11:43

Tgt Ion: 62 Resp: 1874

Ion Ratio Lower Upper

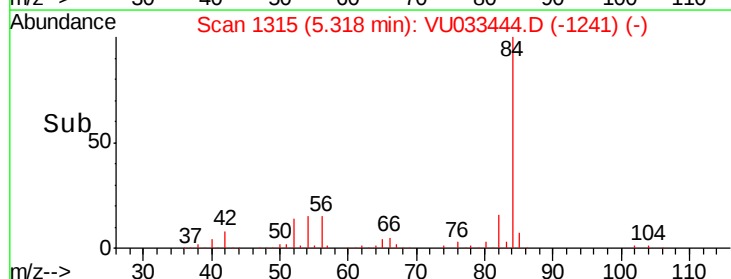
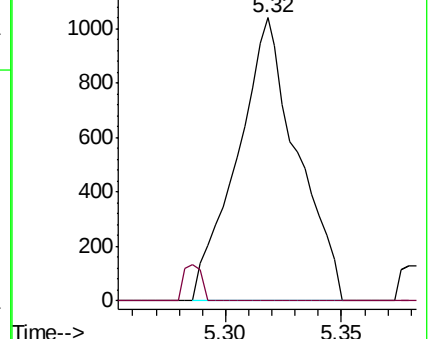
62 100

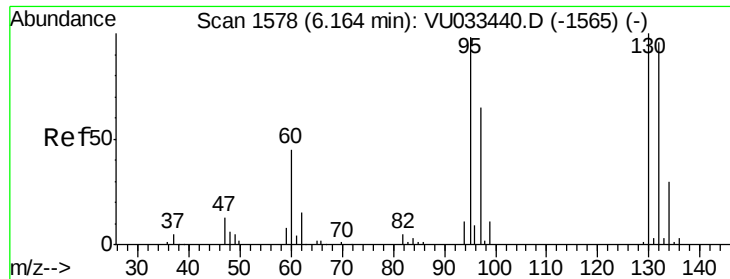
98 0.0 7.0 10.6#



Abundance Ion 62.00 (61.70 to 62.70): VU033440.D (-1320) (-)

Ion 98.00 (97.70 to 98.70): VU033440.D (-1320) (-)





#34

Trichloroethene

Concen: 34.603 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

F2A15

Tgt Ion: 95 Resp: 70283

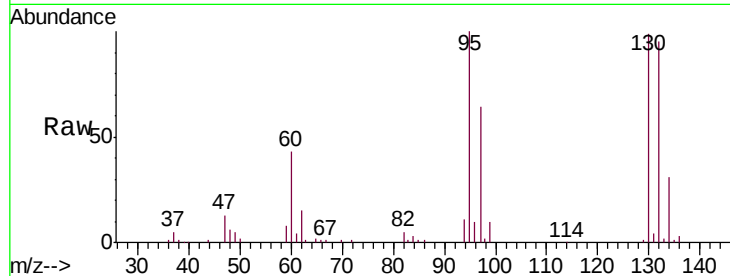
Ion Ratio Lower Upper

95 100

97 63.8 43.8 81.4

132 95.3 65.5 121.6

130 99.0 69.7 129.5

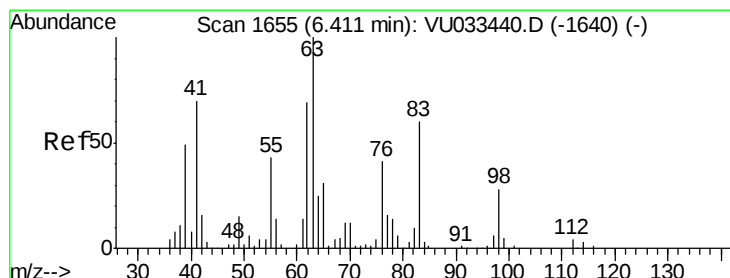
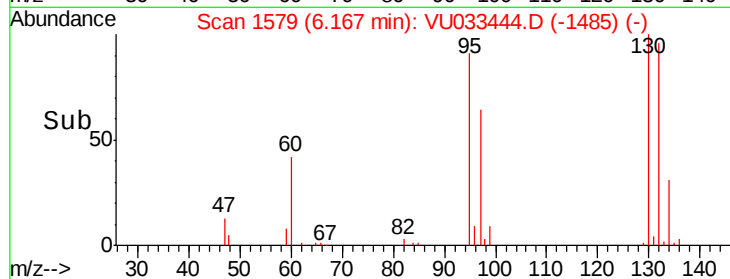
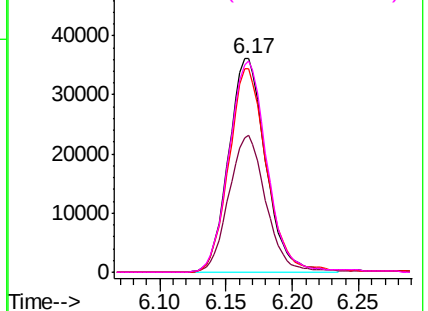


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.231 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033444.D

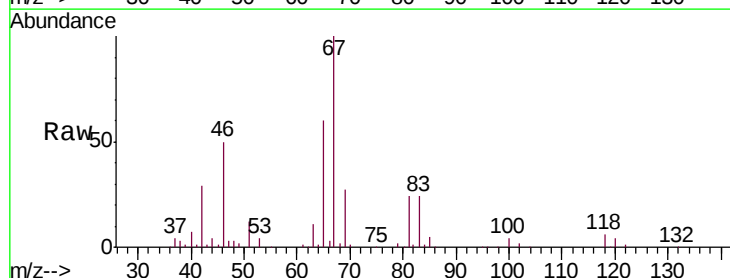
Acq: 26 Jul 2019 11:43

Tgt Ion: 63 Resp: 13124

Ion Ratio Lower Upper

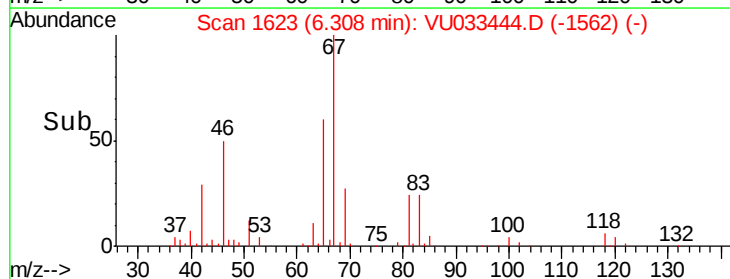
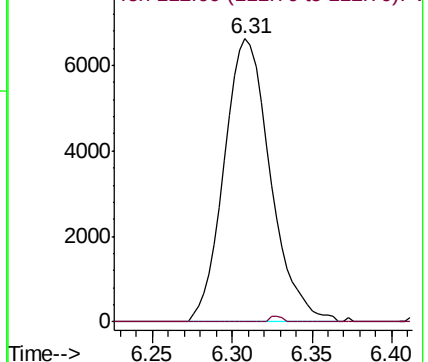
63 100

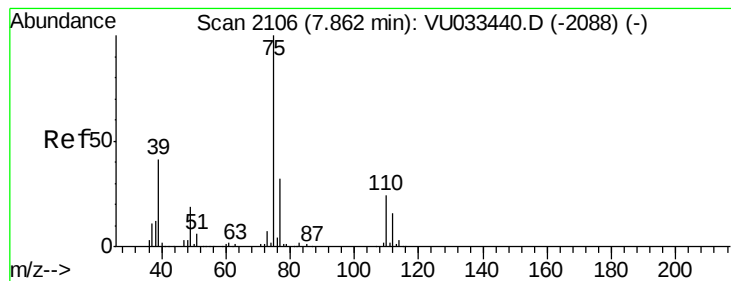
112 0.5 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033444.D

Acq: 26 Jul 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

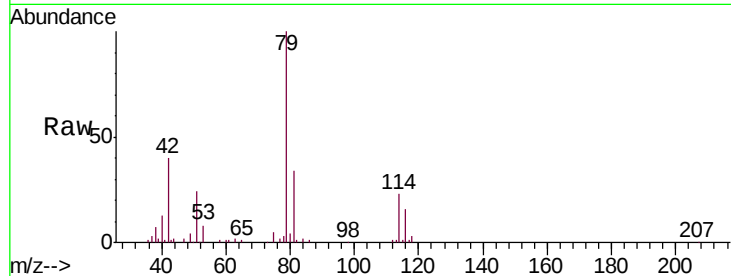
F2A15

Tgt Ion: 75 Resp: 2315

Ion Ratio Lower Upper

75 100

77 44.4 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.84

1500

1000

500

0

7.80 7.85

Time-->

