

Data File : VU033445.D
Acq On : 26 Jul 2019 12:06
Operator : JC/SP
Sample : K3951-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A30

Quant Time: Jul 27 02:01:11 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	266052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	274975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	115586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	106500	52.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.76%
7) Chloroethane-d5	1.67	69	96737	56.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.44%
11) 1,1-Dichloroethene-d2	2.25	63	156600	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.74%
21) 2-Butanone-d5	4.15	46	137997	108.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.14%
24) Chloroform-d	4.62	84	171497	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
26) 1,2-Dichloroethane-d4	5.29	65	119559	55.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.46%
32) Benzene-d6	5.32	84	355566	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
36) 1,2-Dichloropropane-d6	6.31	67	115101	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.54%
41) Toluene-d8	7.55	98	320500	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.83	79	50380	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.10%
47) 2-Hexanone-d5	8.30	63	93285	95.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	171627	52.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	120896	58.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.30%

Target Compounds

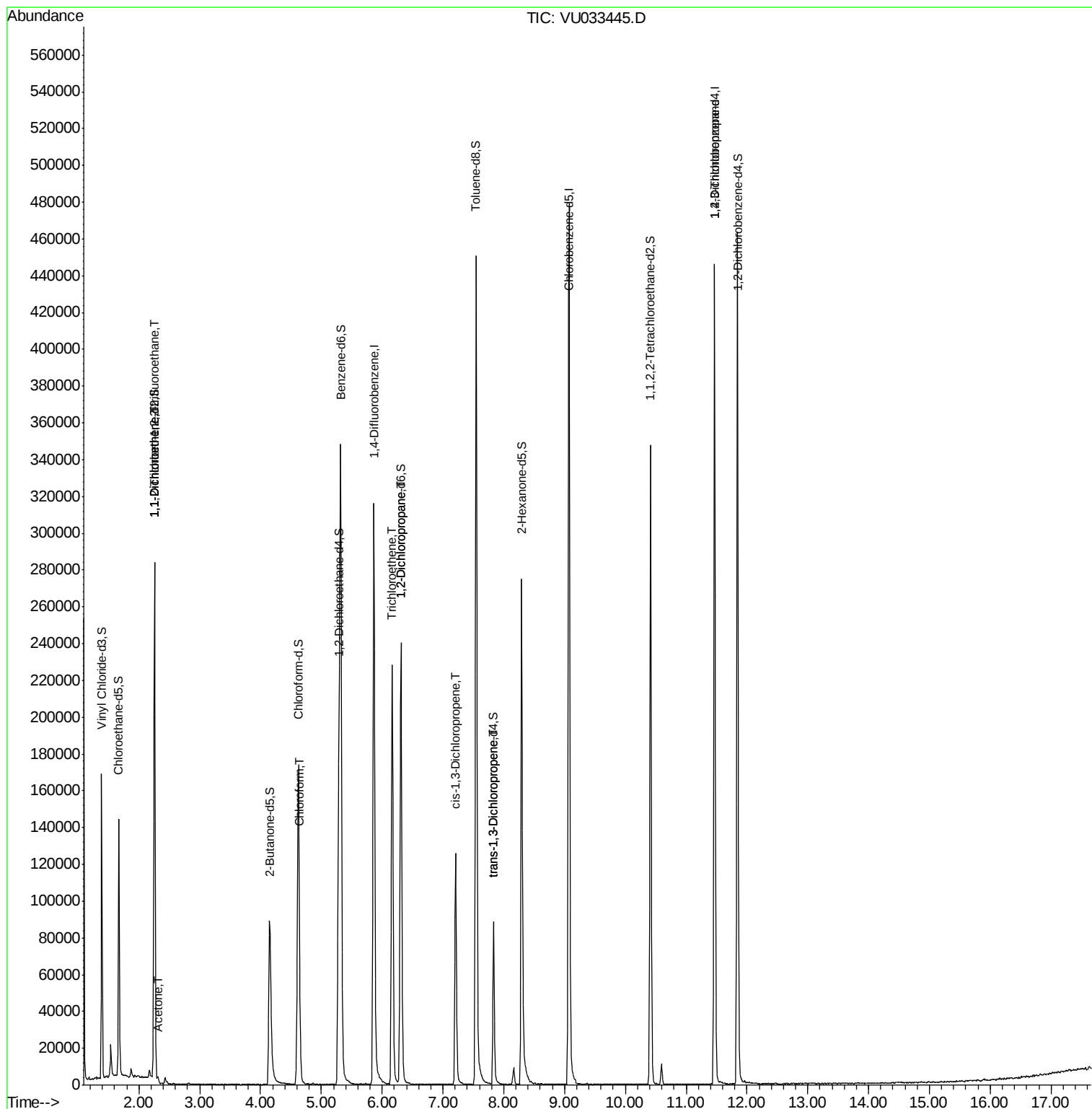
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1400	0.771 ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1308	0.737 ug/L #	1
13) Acetone	2.31	43	1539	0.965 ug/L	92
25) Chloroform	4.65	83	9486	2.528 ug/L	93
34) Trichloroethene	6.16	95	80012	38.152 ug/L	95
37) 1,2-Dichloropropane	6.31	63	12847	5.907 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3277	0.983 ug/L #	77
44) trans-1,3-Dichloropropene	7.83	75	2400	0.798 ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	14353	5.070 ug/L	96

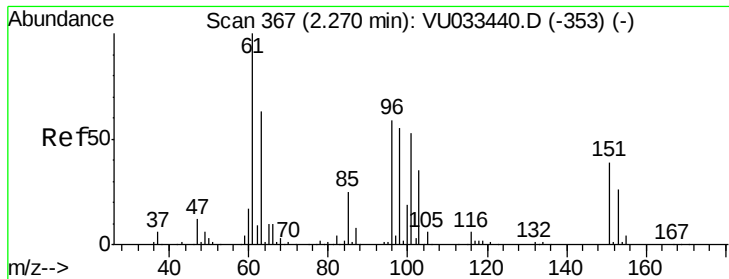
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.771 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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Acq: 26 Jul 2019 12:06

Instrument :

MSVOA_U

ClientSampleId :

F2A30

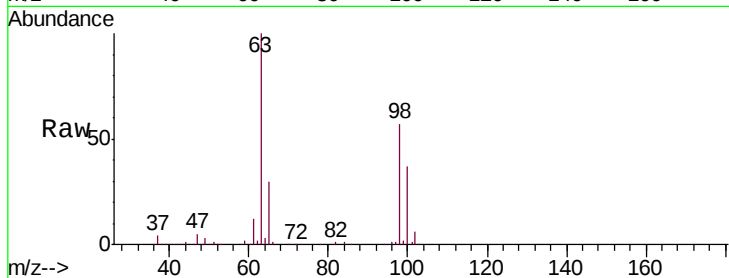
Tgt Ion: 101 Resp: 1400

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

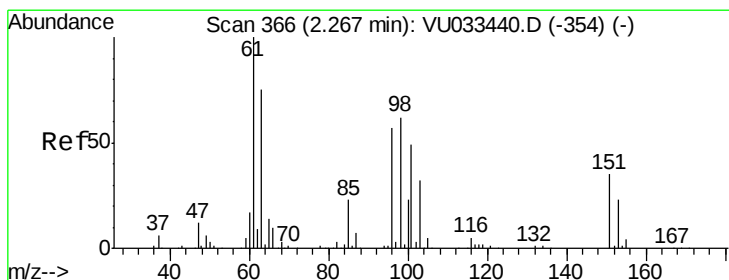
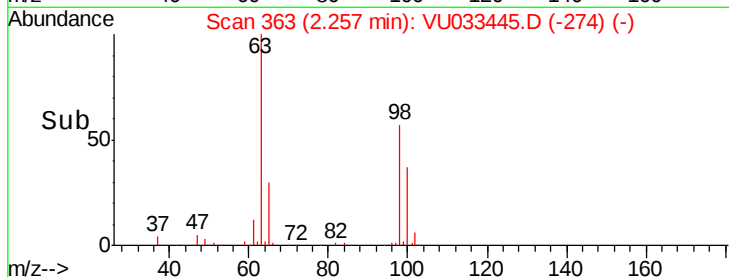
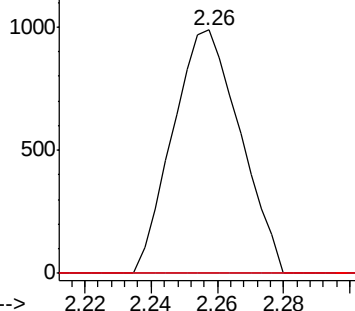
151 0.0 56.7 85.1#



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: 0.737 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033445.D

Acq: 26 Jul 2019 12:06

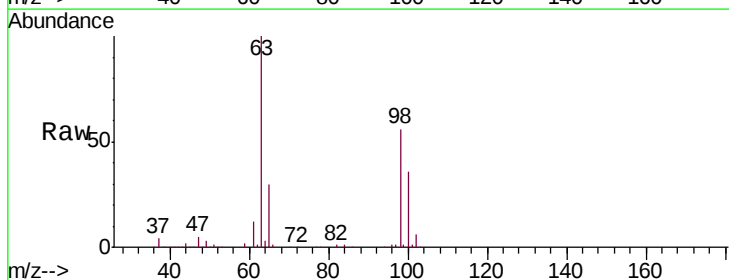
Tgt Ion: 96 Resp: 1308

Ion Ratio Lower Upper

96 100

61 1334.4 126.1 234.1#

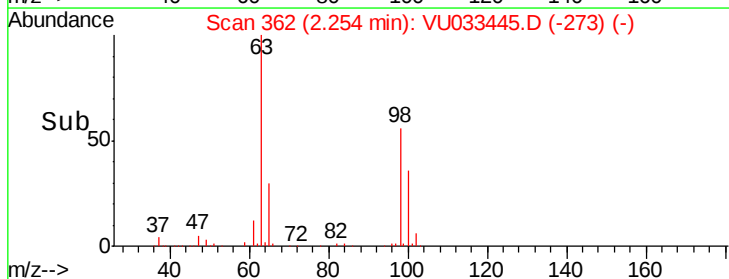
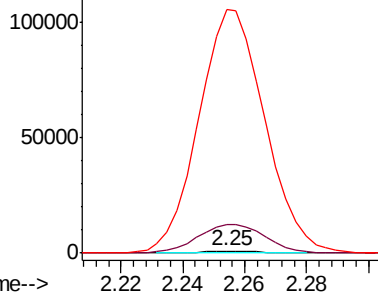
63 11544.4 96.8 179.8#

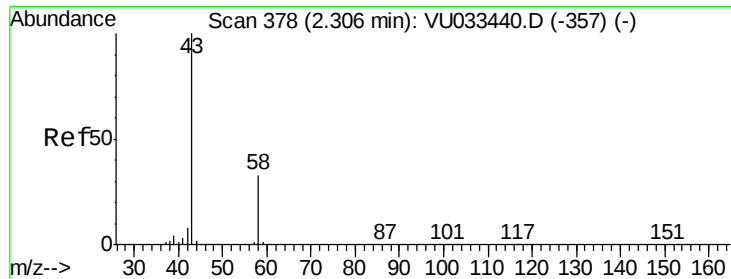


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.965 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Acq: 26 Jul 2019 12:06

Instrument :

MSVOA_U

ClientSampleId :

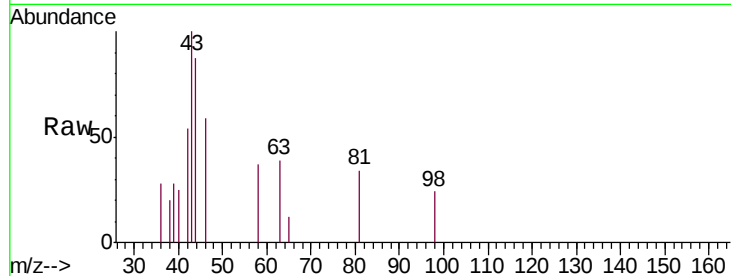
F2A30

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

43 100

58 28.3 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) (-)

2.31

800

600

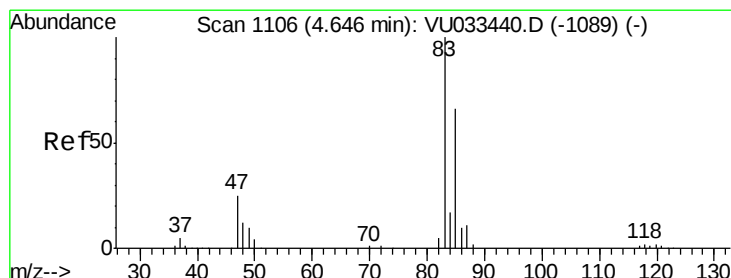
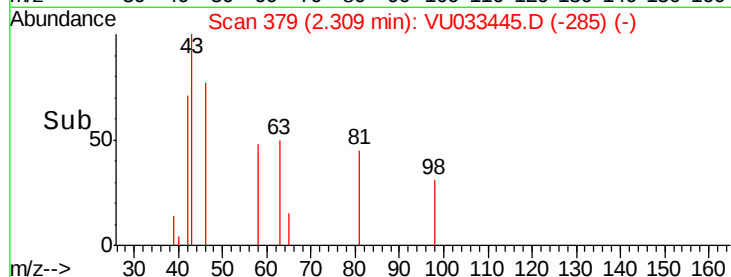
400

200

0

Time-->

2.25 2.30 2.35



#25

Chloroform

Concen: 2.528 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033445.D

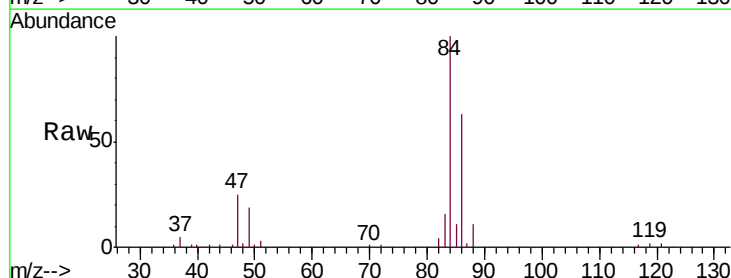
Acq: 26 Jul 2019 12:06

Tgt Ion: 83 Resp: 9486

Ion Ratio Lower Upper

83 100

85 70.6 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) (-)

4.65

4000

3000

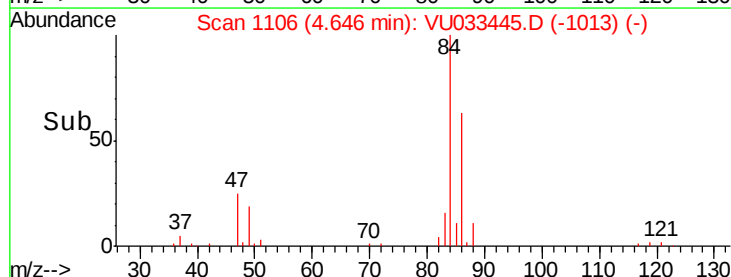
2000

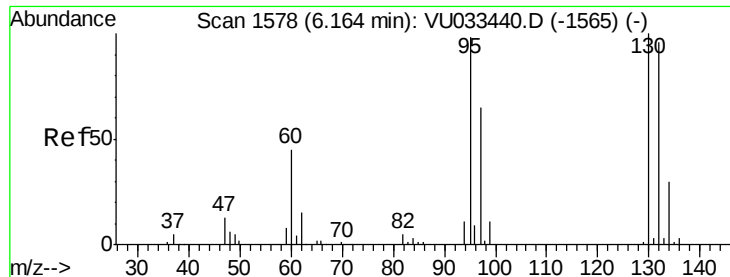
1000

0

Time-->

4.60 4.65 4.70





#34

Trichloroethene

Concen: 38.152 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033445.D

Acq: 26 Jul 2019 12:06

Instrument :

MSVOA_U

ClientSampleId :

F2A30

Tgt Ion: 95 Resp: 80012

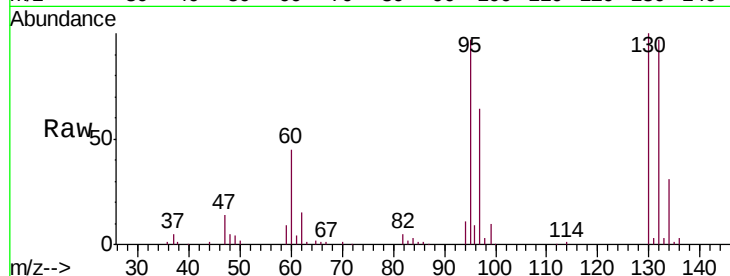
Ion Ratio Lower Upper

95 100

97 65.5 43.8 81.4

132 100.4 65.5 121.6

130 103.1 69.7 129.5

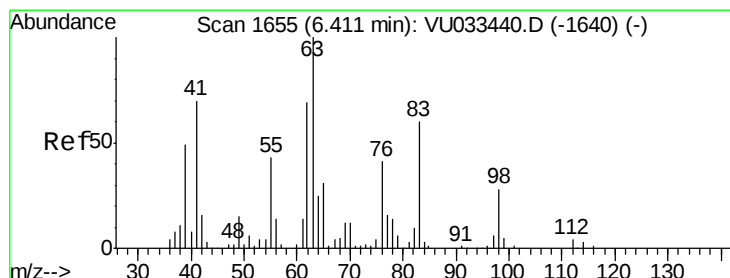
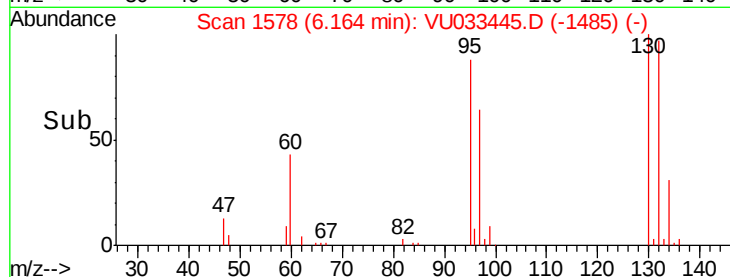
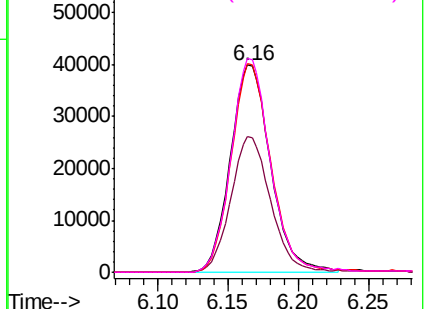


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.907 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033445.D

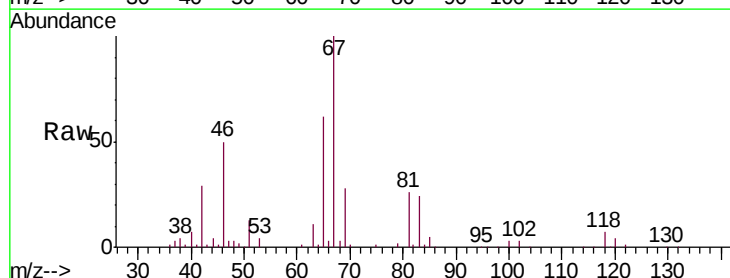
Acq: 26 Jul 2019 12:06

Tgt Ion: 63 Resp: 12847

Ion Ratio Lower Upper

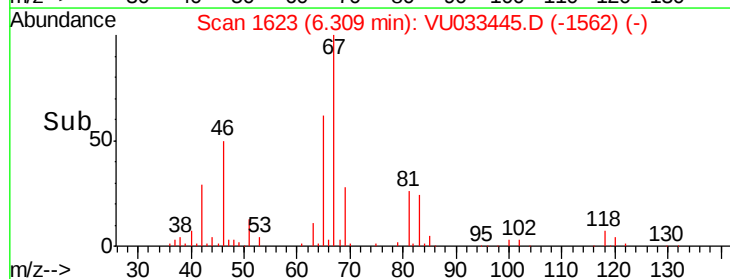
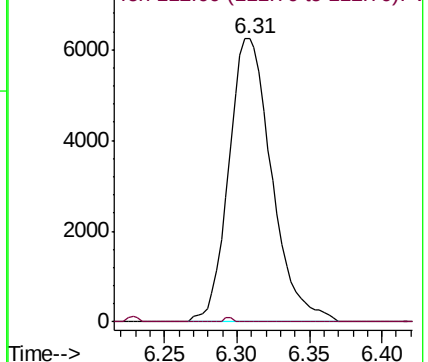
63 100

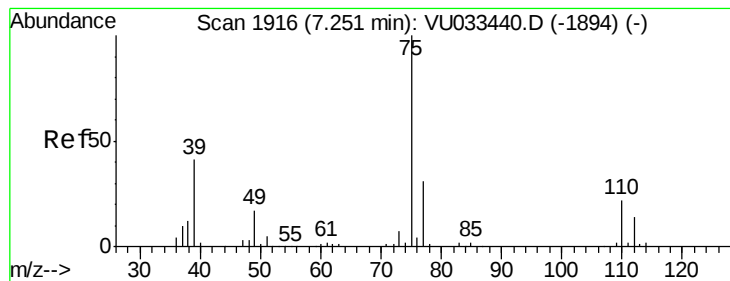
112 0.3 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



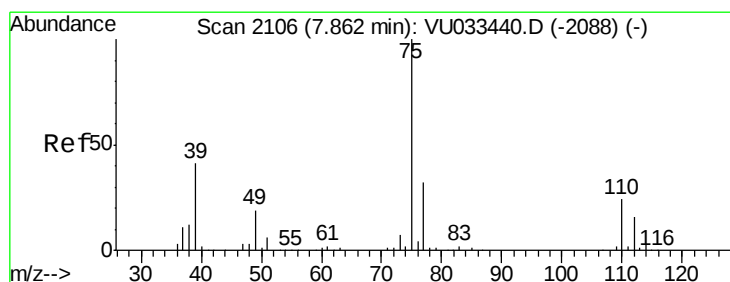
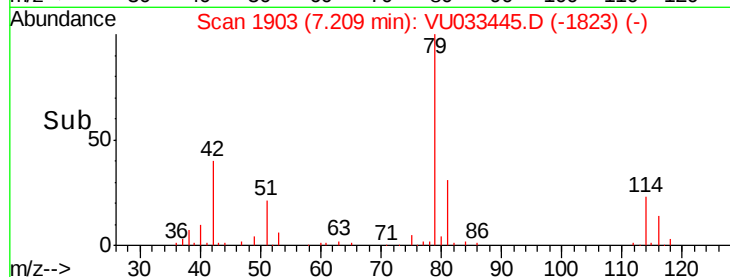
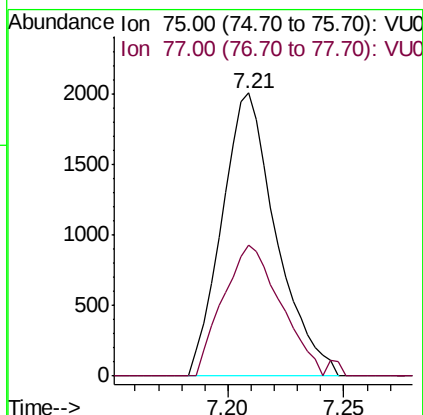
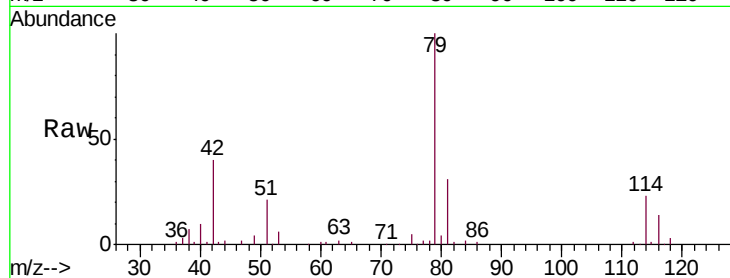


#39

cis-1,3-Dichloropropene
Concen: 0.983 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033445.D
Acq: 26 Jul 2019 12:06

Instrument :
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ClientSampleId :
F2A30

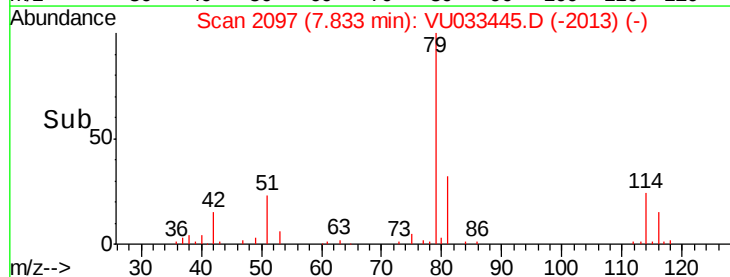
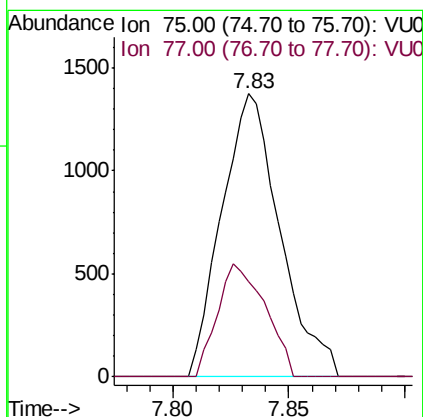
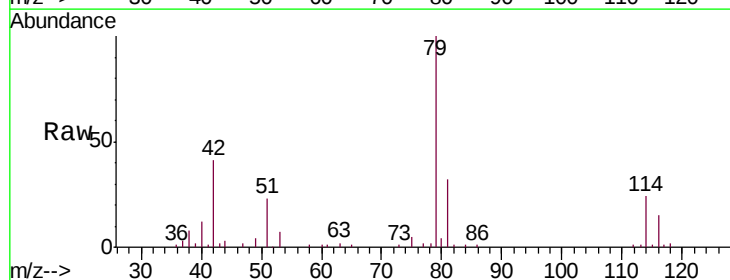
Tgt Ion: 75 Resp: 3277
Ion Ratio Lower Upper
75 100
77 46.3 23.1 42.9#

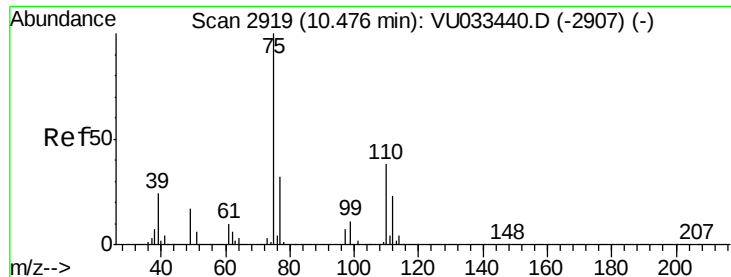


#44

trans-1,3-Dichloropropene
Concen: 0.798 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033445.D
Acq: 26 Jul 2019 12:06

Tgt Ion: 75 Resp: 2400
Ion Ratio Lower Upper
75 100
77 33.6 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.070 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033445.D

Acq: 26 Jul 2019 12:06

Instrument :

MSVOA_U

ClientSampleId :

F2A30

Tgt Ion: 75 Resp: 14353

Ion Ratio Lower Upper

75 100

77 34.7 26.0 39.0

