

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033723.D
 Acq On : 10 Aug 2019 13:20
 Operator : JC/SP
 Sample : K4289-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B10DL

Quant Time: Aug 11 04:28:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	291447	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	286354	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40230	18.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	37.50%#
7) Chloroethane-d5	1.67	69	46120	21.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.90%#
11) 1,1-Dichloroethene-d2	2.26	63	58282	16.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	32.32%#
21) 2-Butanone-d5	4.14	46	158221	118.96	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.96%
24) Chloroform-d	4.62	84	124337	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.02%
26) 1,2-Dichloroethane-d4	5.29	65	87191	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
32) Benzene-d6	5.32	84	211677	31.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.64%#
36) 1,2-Dichloropropane-d6	6.31	67	85794	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.74%
41) Toluene-d8	7.55	98	165265	26.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	52.00%#
43) trans-1,3-Dichloropropene-	7.83	79	38684	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
47) 2-Hexanone-d5	8.29	63	112152	104.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.40%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167567	54.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.24%
64) 1,2-Dichlorobenzene-d4	11.84	152	101627	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

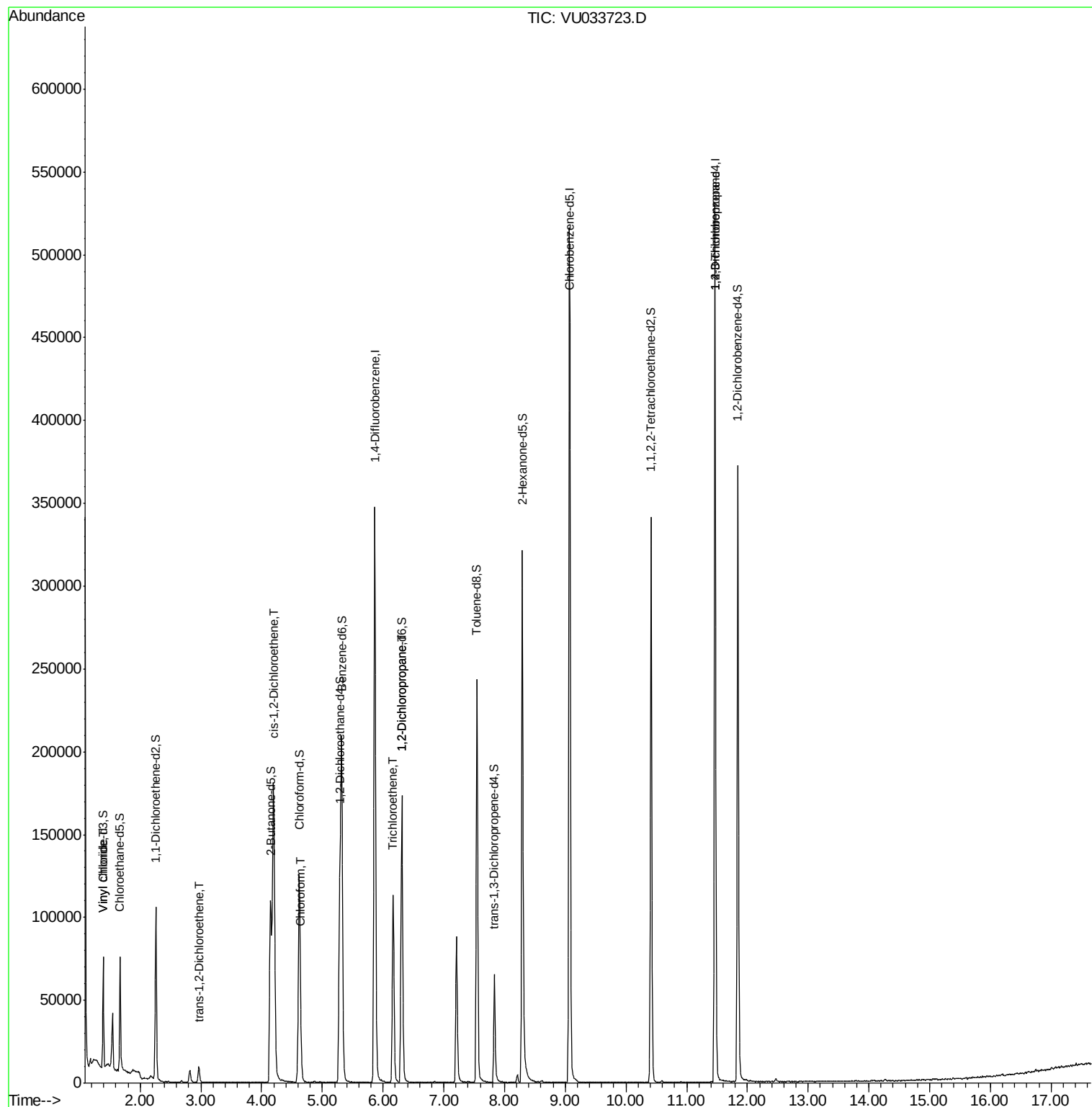
					Qvalue
5) Vinyl chloride	1.40	62	2420	0.986 ug/L #	53
17) trans-1,2-Dichloroethene	2.97	96	3810	2.074 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	98171	46.857 ug/L	96
25) Chloroform	4.65	83	6709	1.855 ug/L	94
34) Trichloroethene	6.16	95	39436	18.755 ug/L	96
37) 1,2-Dichloropropane	6.31	63	9284	4.365 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	16232	5.646 ug/L	96

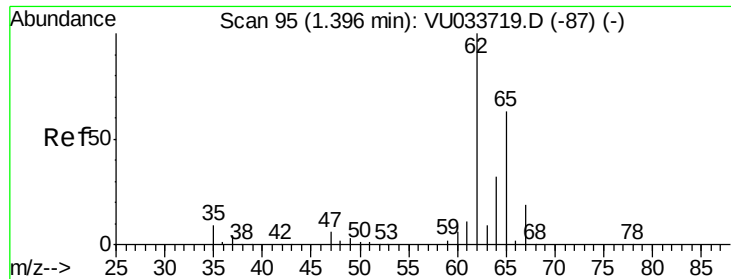
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.986 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Acq: 10 Aug 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

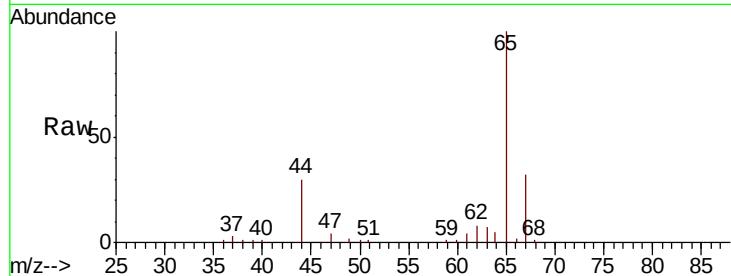
F2B10DL

Tgt Ion: 62 Resp: 2420

Ion Ratio Lower Upper

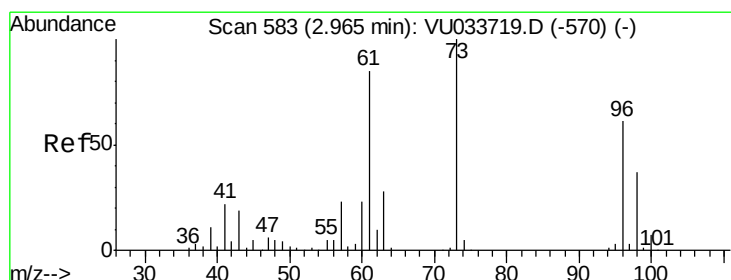
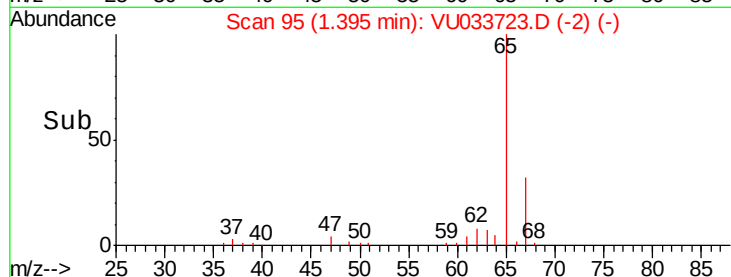
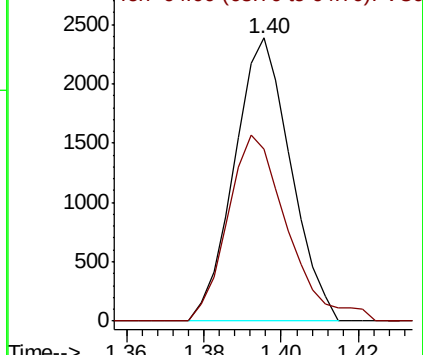
62 100

64 60.9 23.7 43.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 2.074 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033723.D

Acq: 10 Aug 2019 13:20

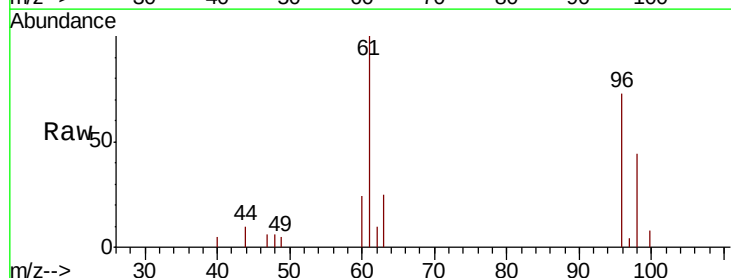
Tgt Ion: 96 Resp: 3810

Ion Ratio Lower Upper

96 100

61 137.6 95.6 177.6

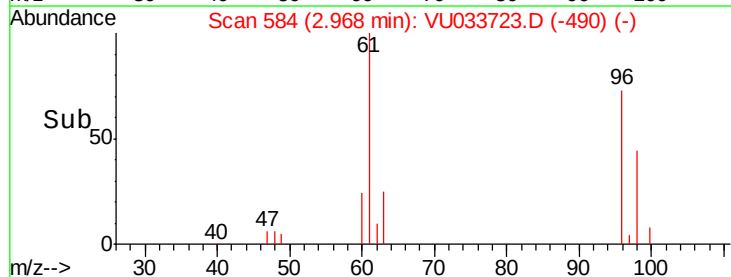
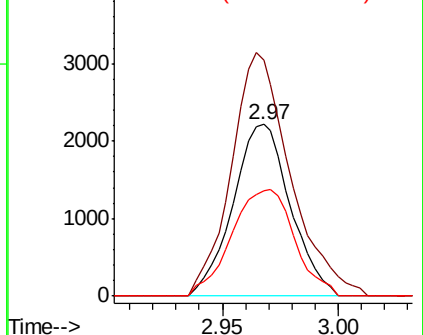
98 61.2 44.6 82.8

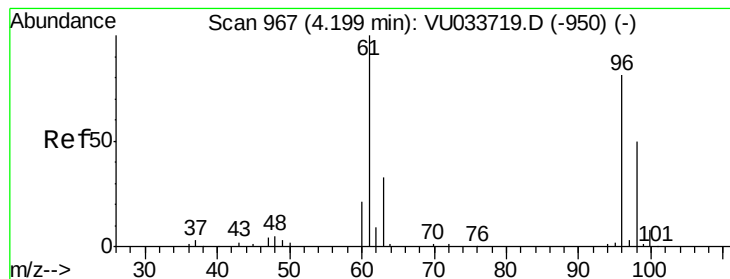


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 46.857 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033723.D

Acq: 10 Aug 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

F2B10DL

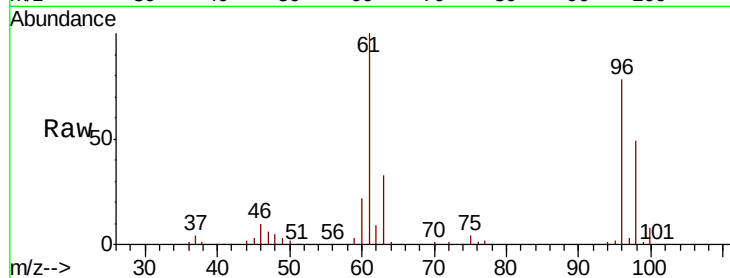
Tgt Ion: 96 Resp: 98171

Ion Ratio Lower Upper

96 100

61 128.9 87.0 161.6

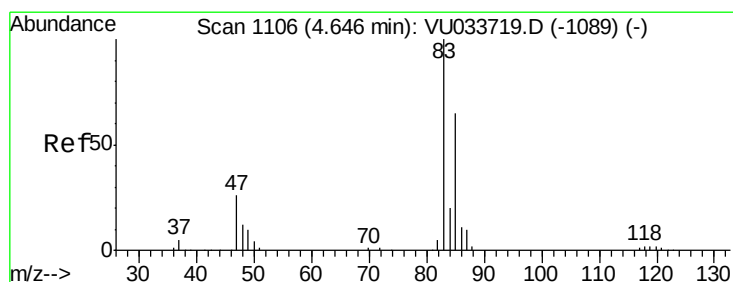
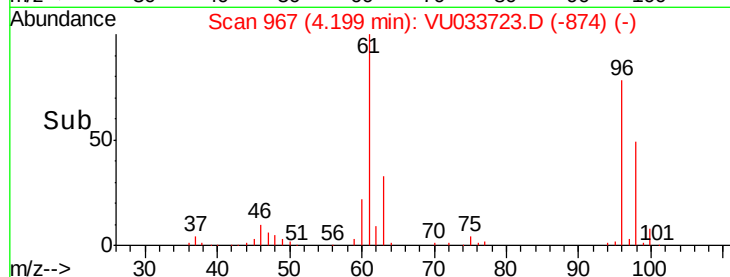
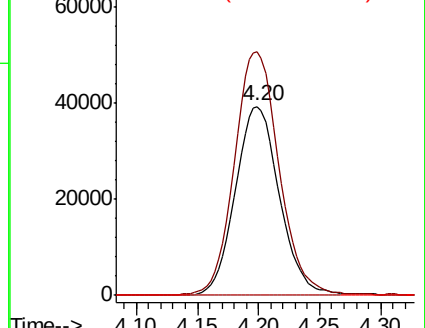
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033719.D (-950) (-)

Ion 61.00 (60.70 to 61.70): VU033719.D (-950) (-)

Ion 68.00 (67.70 to 68.70): VU033719.D (-950) (-)



#25

Chloroform

Concen: 1.855 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033723.D

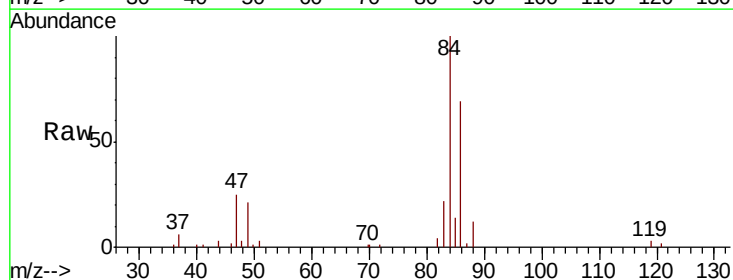
Acq: 10 Aug 2019 13:20

Tgt Ion: 83 Resp: 6709

Ion Ratio Lower Upper

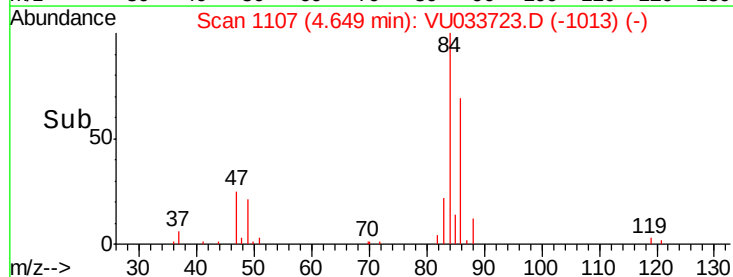
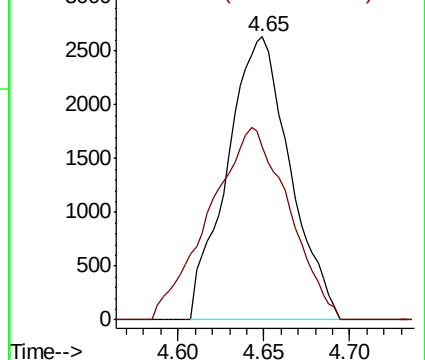
83 100

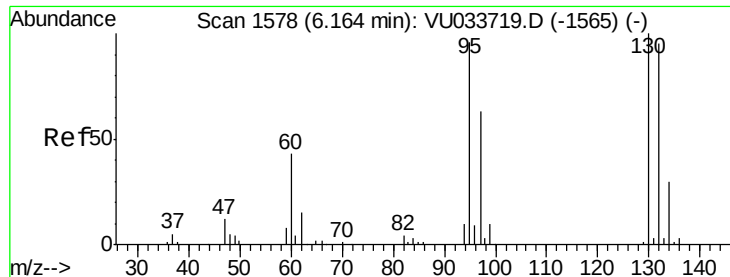
85 61.2 45.9 85.3



Abundance Ion 83.00 (82.70 to 83.70): VU033719.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033719.D (-1089) (-)





#34

Trichloroethene

Concen: 18.755 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033723.D

Acq: 10 Aug 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

F2B10DL

Tgt Ion: 95 Resp: 39436

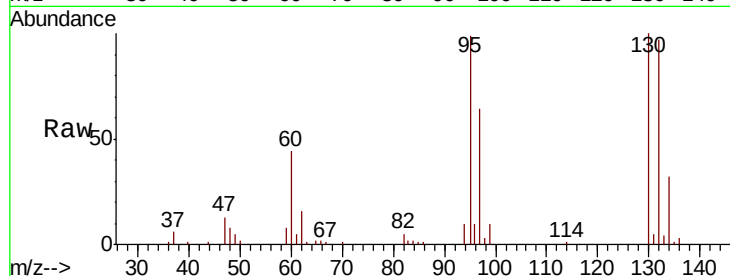
Ion Ratio Lower Upper

95 100

97 64.7 45.6 84.8

132 98.1 72.0 133.8

130 101.3 74.3 138.1

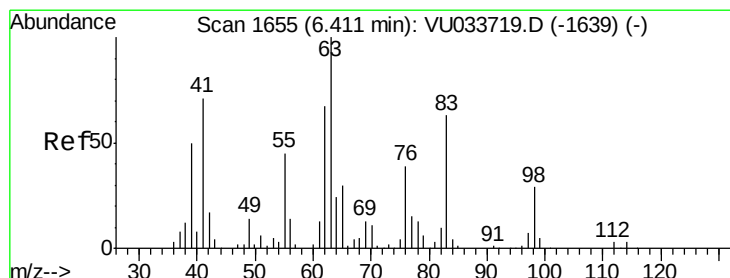
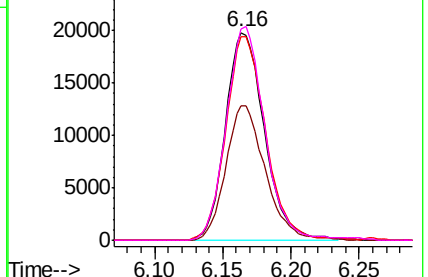
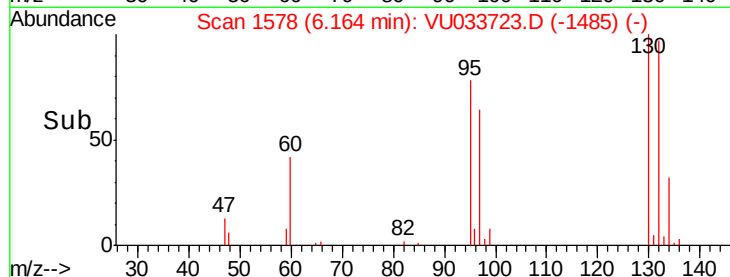


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.365 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.11 min

Lab File: VU033723.D

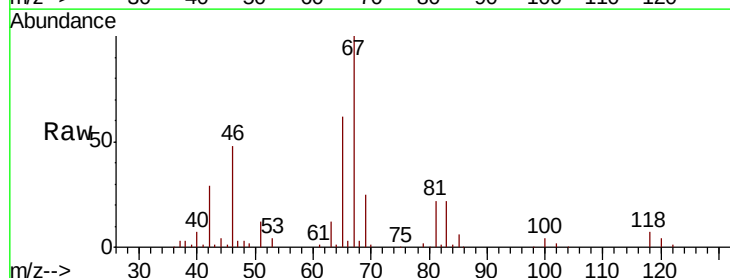
Acq: 10 Aug 2019 13:20

Tgt Ion: 63 Resp: 9284

Ion Ratio Lower Upper

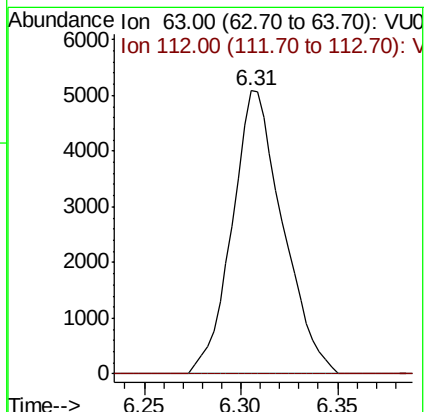
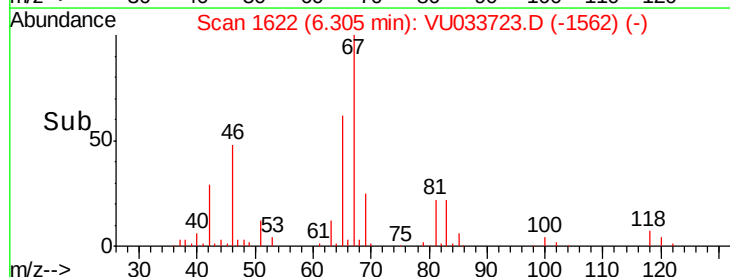
63 100

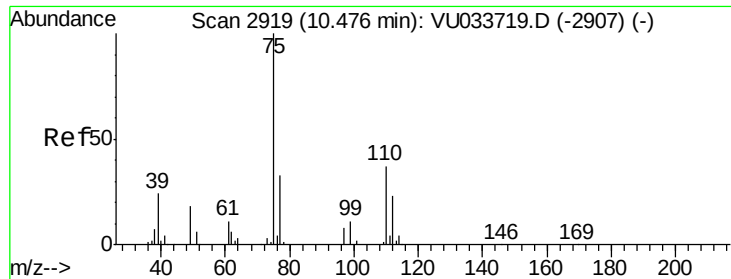
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.646 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033723.D

Acq: 10 Aug 2019 13:20

Instrument :

MSVOA_U

ClientSampleId :

F2B10DL

Tgt Ion: 75 Resp: 16232

Ion Ratio Lower Upper

75 100

77 35.2 26.4 39.6

