

Data File : VV009735.D
Acq On : 16 Mar 2019 18:03
Operator : SY/MD
Sample : K1936-12 10X
Misc : 5.51G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0X0

Quant Time: Mar 18 07:45:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	140821	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44584	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.92%
7) Chloroethane-d5	1.55	69	29463	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.12%
11) 1,1-Dichloroethene-d2	2.12	63	72331	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
21) 2-Butanone-d5	3.93	46	57218	101.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.17%
24) Chloroform-d	4.40	84	80444	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.08	65	52343	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.10	84	173348	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.12	67	53046	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.34%
41) Toluene-d8	7.36	98	163182	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.67	79	23758	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
47) 2-Hexanone-d5	8.13	63	44943	102.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	78713	48.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57095	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%

Target Compounds

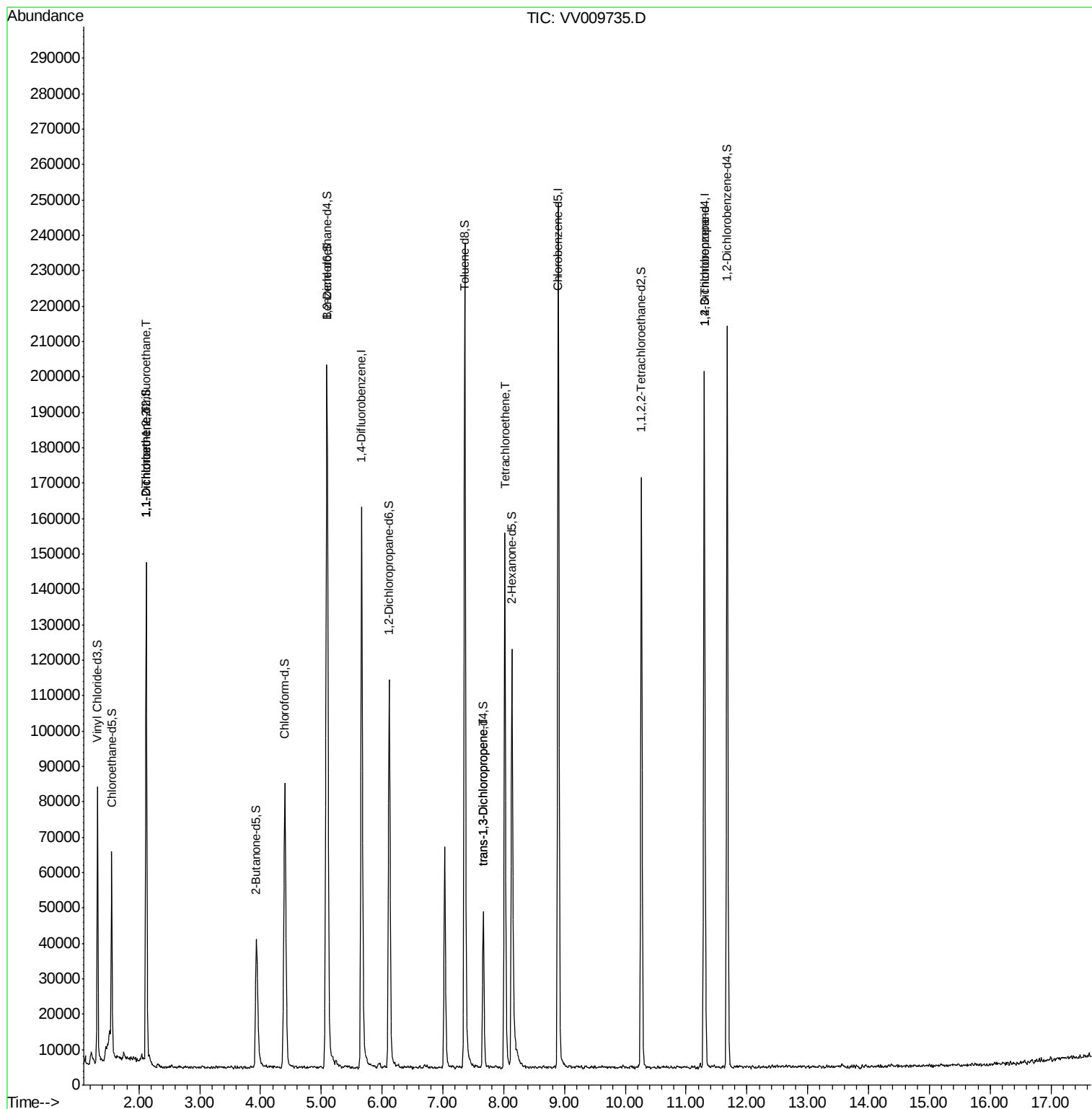
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	627	0.647 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	831	0.990 ug/L #	1
44) trans-1,3-Dichloropropene	7.66	75	1273	0.932 ug/L #	58
46) Tetrachloroethene	8.02	164	32776	40.702 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	6695	5.392 ug/L	89

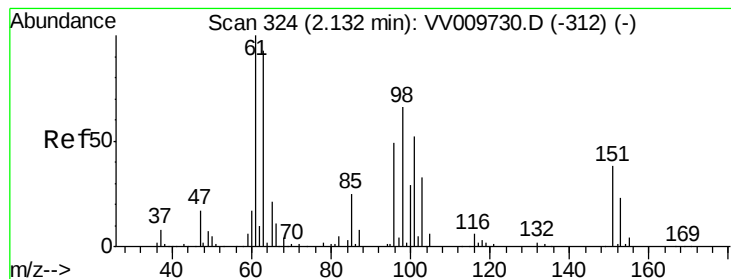
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.647 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV009735.D

Acq: 16 Mar 2019 18:03

Instrument :

MSVOA_V

ClientSampled :

BF0X0

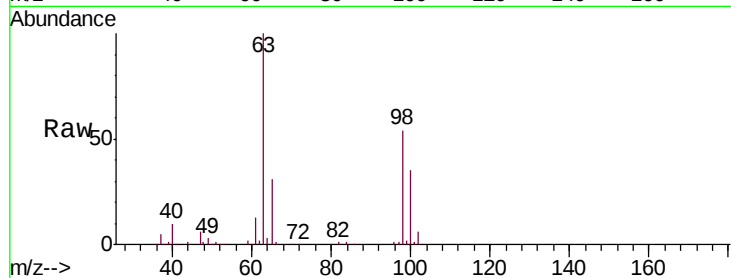
Tgt Ion: 101 Resp: 627

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

151 0.0 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

400

300

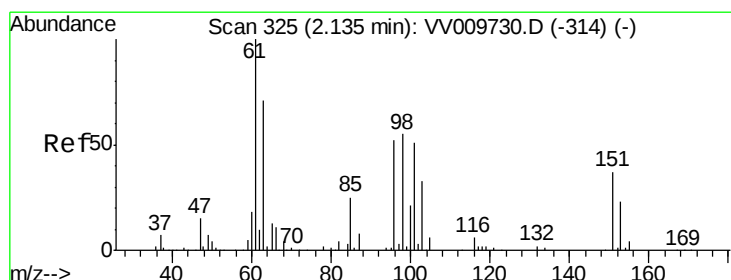
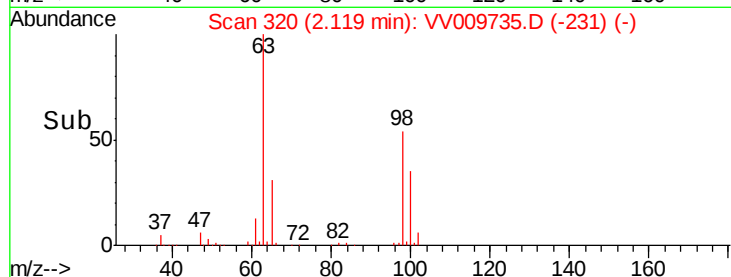
200

100

0

2.10 2.12 2.14

Time-->



#12

1,1-Dichloroethene

Concen: 0.990 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV009735.D

Acq: 16 Mar 2019 18:03

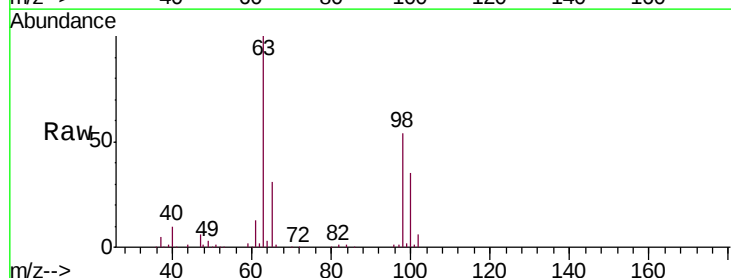
Tgt Ion: 96 Resp: 831

Ion Ratio Lower Upper

96 100

61 1404.7 135.5 251.7#

63 10620.1 100.2 186.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

60000

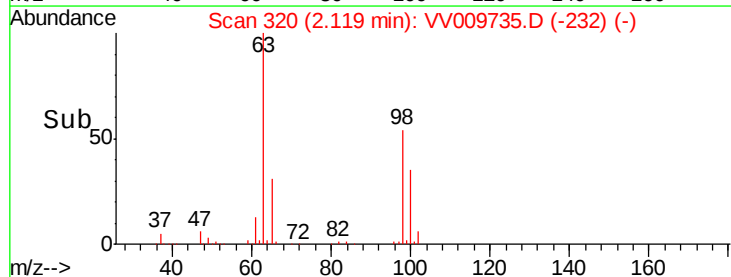
40000

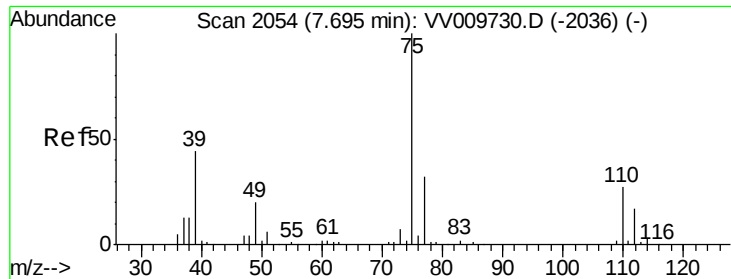
20000

0

2.10 2.12 2.14 2.16

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.932 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009735.D

Acq: 16 Mar 2019 18:03

Instrument :

MSVOA_V

ClientSampleId :

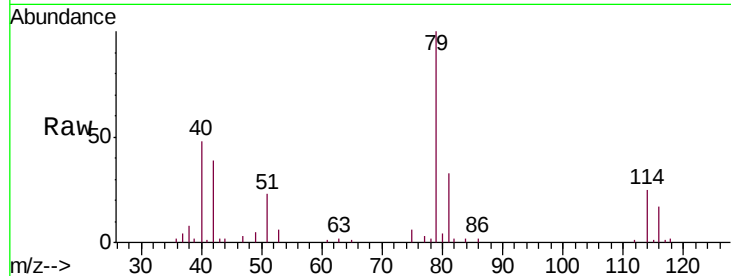
BF0X0

Tgt Ion: 75 Resp: 1273

Ion Ratio Lower Upper

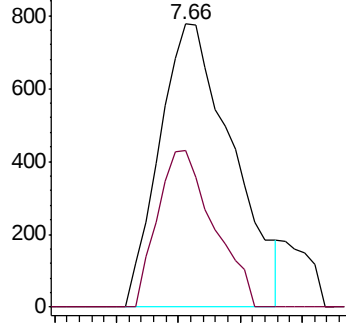
75 100

77 55.5 22.5 41.7#

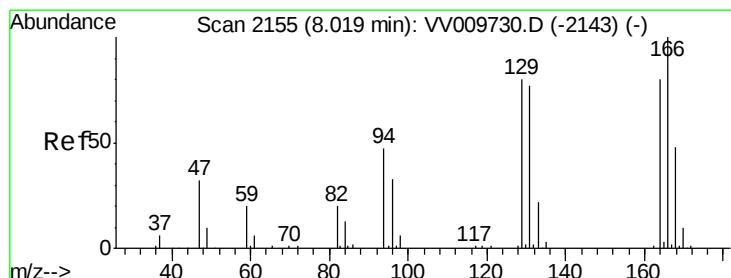
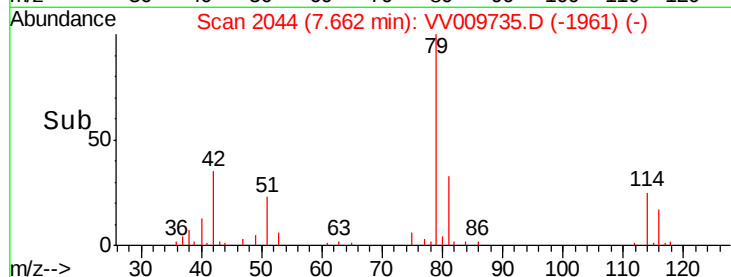


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time--> 7.62 7.64 7.66 7.68 7.70



#46

Tetrachloroethene

Concen: 40.702 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

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Acq: 16 Mar 2019 18:03

Tgt Ion:164 Resp: 32776

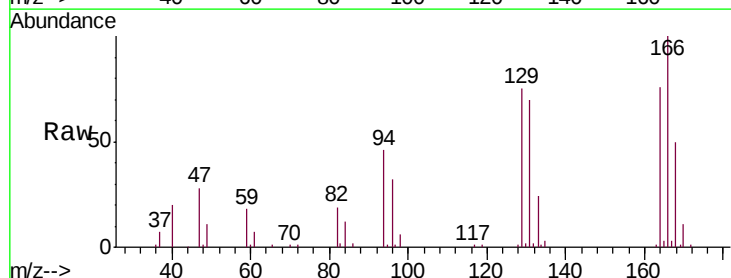
Ion Ratio Lower Upper

164 100

129 98.2 70.0 130.0

131 92.7 67.5 125.4

166 131.8 88.0 163.4

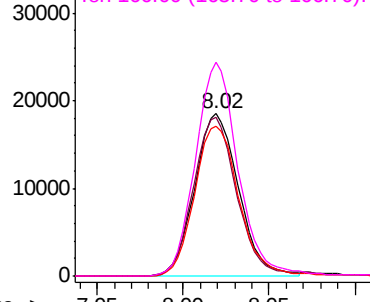


Abundance Ion 164.00 (163.70 to 164.70): V

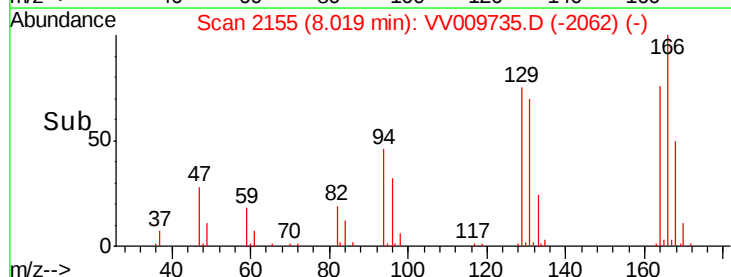
Ion 129.00 (128.70 to 129.70): V

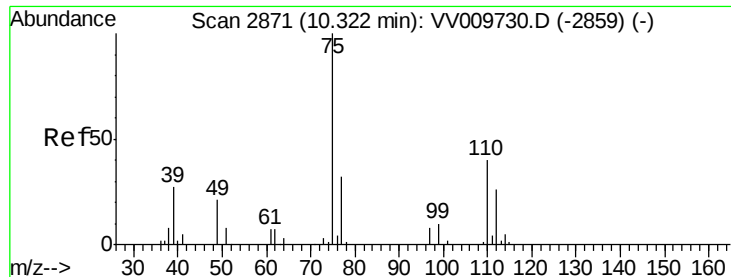
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time--> 7.95 8.00 8.05





#59

1,2,3-Trichloropropane

Concen: 5.392 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009735.D

Acq: 16 Mar 2019 18:03

Instrument :

MSVOA_V

ClientSampleId :

BF0X0

Tgt Ion: 75 Resp: 6695

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.4

