

Data File : VV009743.D
Acq On : 16 Mar 2019 21:17
Operator : SY/MD
Sample : K1949-11
Misc : 4.78G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Z2

Quant Time: Mar 18 07:47:09 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	5.66	114	148024	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48207	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.60%
7) Chloroethane-d5	1.55	69	22435	30.47	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.94%#
11) 1,1-Dichloroethene-d2	2.09	63	82075	38.62	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.24%
21) 2-Butanone-d5	3.95	46	54206	91.18	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	4.40	84	89748	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.08	65	58138	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
32) Benzene-d6	5.09	84	193476	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.12	67	56672	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.36	98	180773	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%
43) trans-1,3-Dichloropropene-	7.67	79	25760	49.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.06%
47) 2-Hexanone-d5	8.15	63	47593	105.24	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82350	48.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	61865	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

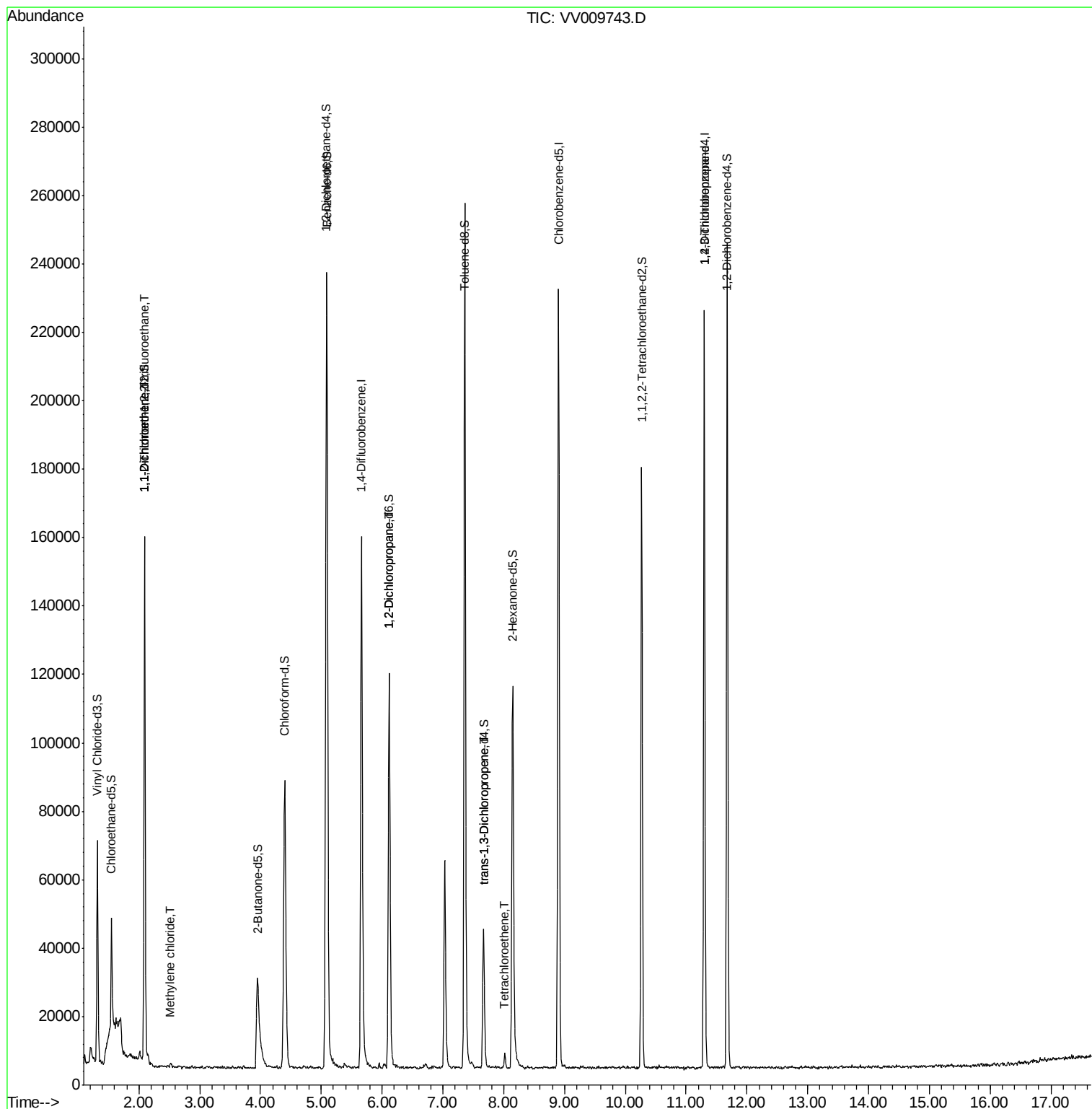
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	764	0.750	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	655	0.742	ug/L #	1
16) Methylene chloride	2.52	84	484	0.472	ug/L	76
37) 1,2-Dichloropropane	6.12	63	6199	6.377	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1148	0.816	ug/L	94
46) Tetrachloroethene	8.02	164	936	1.128	ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	6982	5.459	ug/L	93

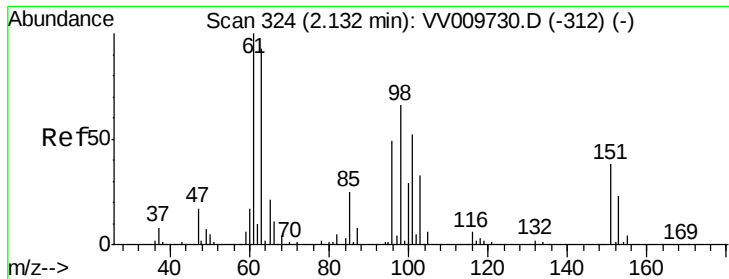
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#10

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

Concen: 0.750 ug/L

RT: 2.09 min Scan# 311

Delta R.T. -0.04 min

Lab File: VV009743.D

Acq: 16 Mar 2019 21:17

Instrument :

MSVOA_V

ClientSampleId :

BF0Z2

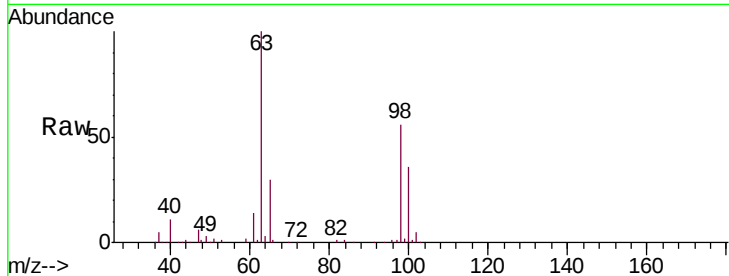
Tgt Ion: 101 Resp: 764

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

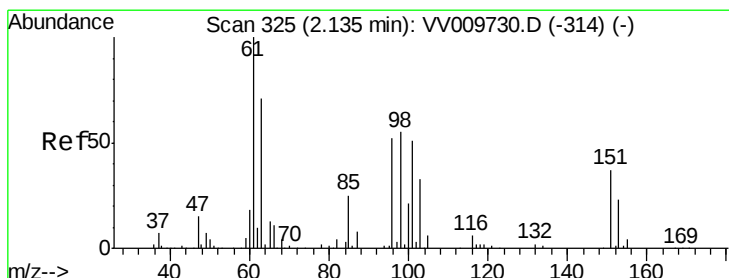
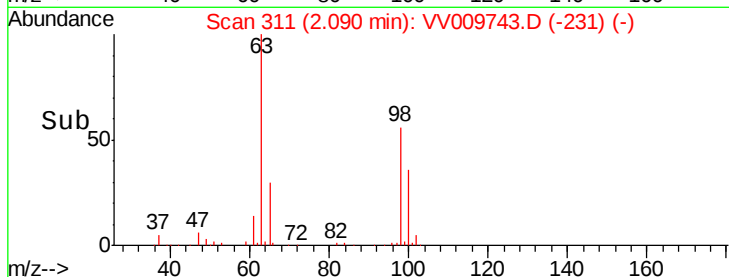
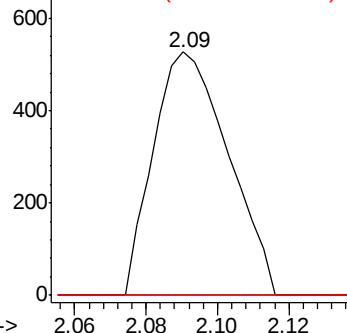
151 0.0 58.9 88.3#



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



#12

1,1-Dichloroethene

Concen: 0.742 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009743.D

Acq: 16 Mar 2019 21:17

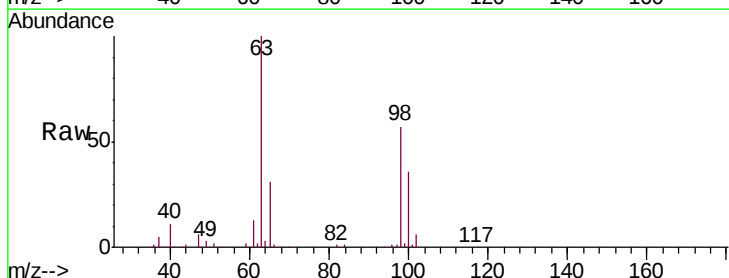
Tgt Ion: 96 Resp: 655

Ion Ratio Lower Upper

96 100

61 1881.9 135.5 251.7#

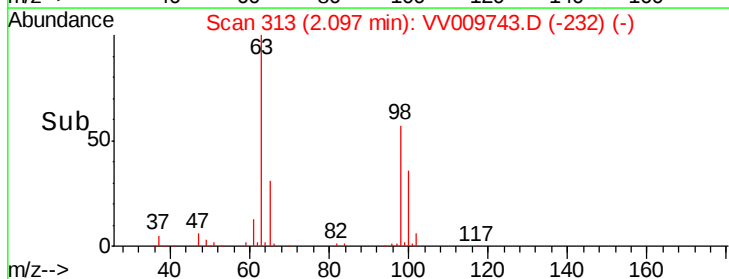
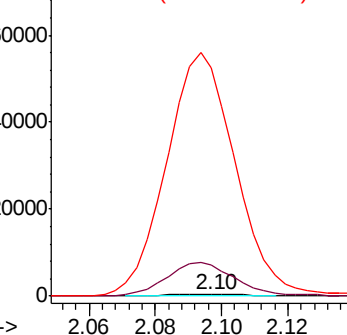
63 13981.9 100.2 186.2#

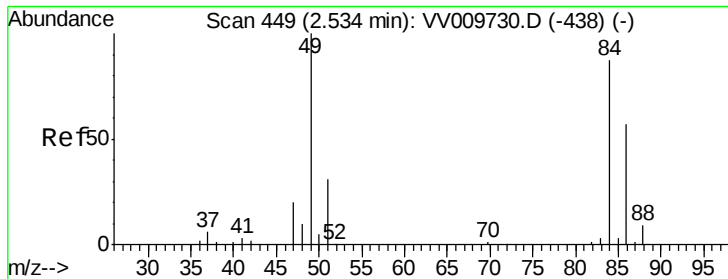


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

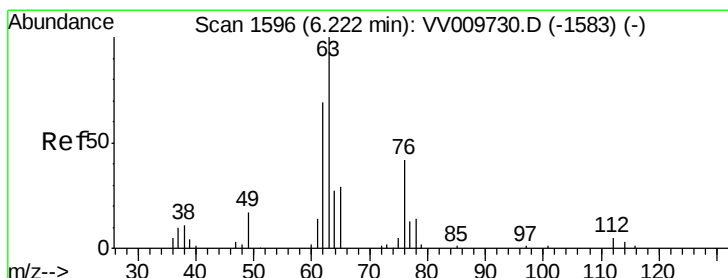
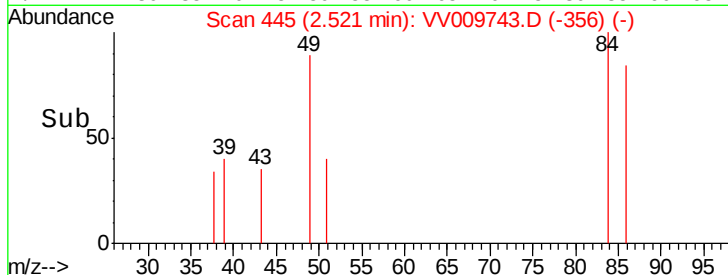
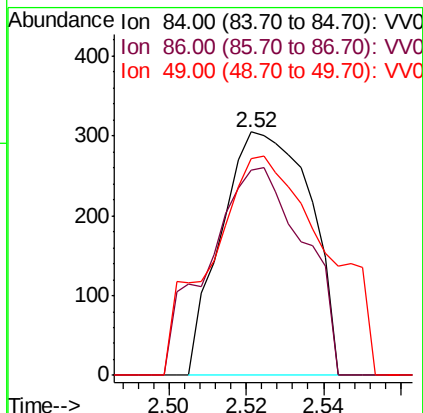
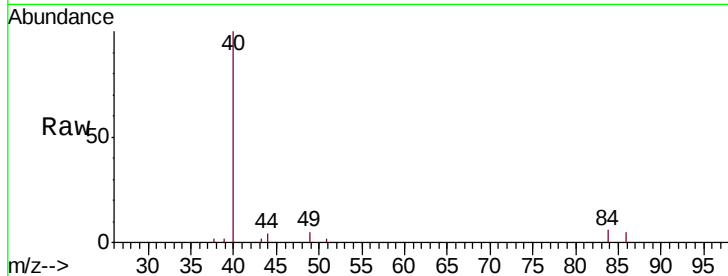




#16
Methylene chloride
Concen: 0.472 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.01 min
Lab File: VV009743.D
Acq: 16 Mar 2019 21:17

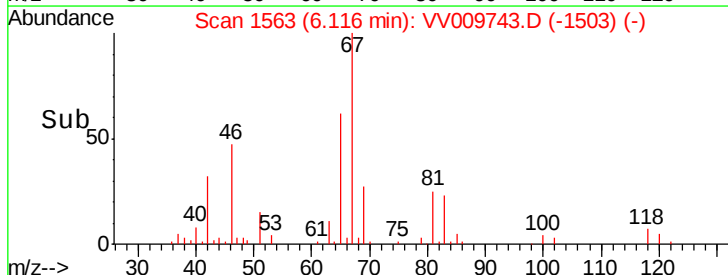
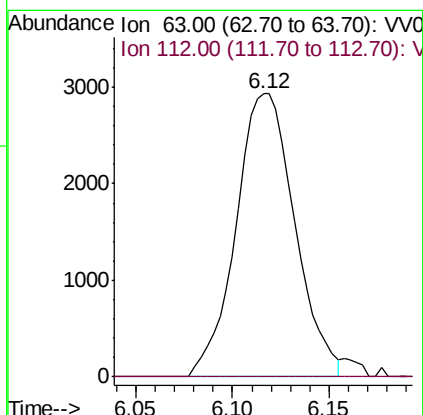
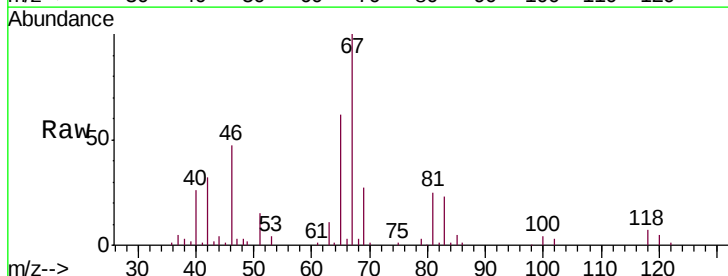
Instrument :
MSVOA_V
ClientSampleId :
BF0Z2

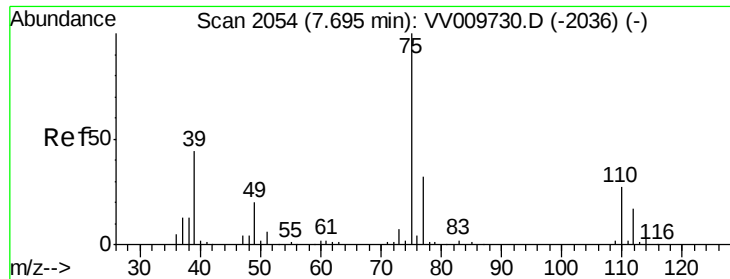
Tgt Ion: 84 Resp: 484
Ion Ratio Lower Upper
84 100
86 84.3 45.8 85.2
49 88.9 80.6 149.6



#37
1,2-Dichloropropane
Concen: 6.377 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009743.D
Acq: 16 Mar 2019 21:17

Tgt Ion: 63 Resp: 6199
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009743.D

Acq: 16 Mar 2019 21:17

Instrument :

MSVOA_V

ClientSampleId :

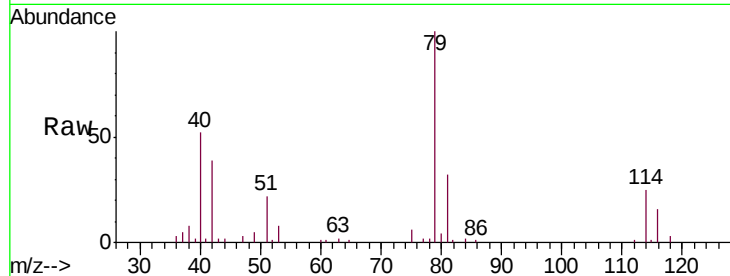
BF0Z2

Tgt Ion: 75 Resp: 1148

Ion Ratio Lower Upper

75 100

77 35.4 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV009730.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV009730.D (-2036) (-)

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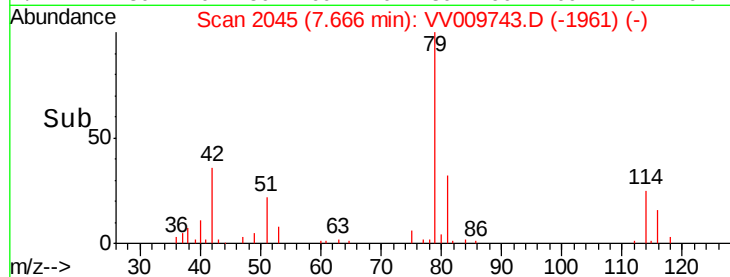
7.67

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#46

Tetrachloroethene

Concen: 1.128 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009743.D

Acq: 16 Mar 2019 21:17

Tgt Ion: 164 Resp: 936

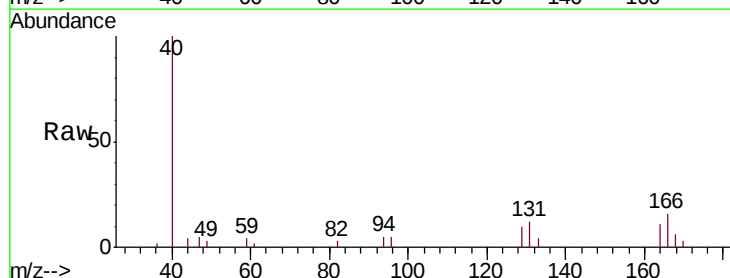
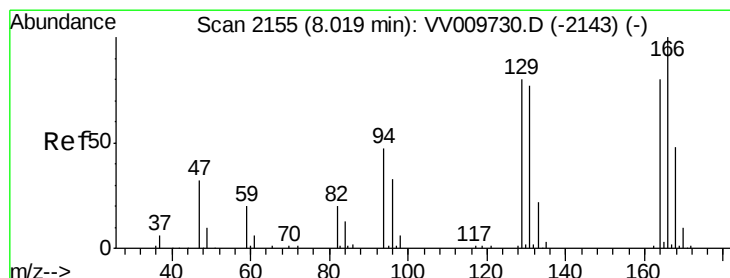
Ion Ratio Lower Upper

164 100

129 84.8 70.0 130.0

131 103.2 67.5 125.4

166 146.5 88.0 163.4



Abundance Ion 164.00 (163.70 to 164.70): VV009730.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV009730.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV009730.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV009730.D (-2143) (-)

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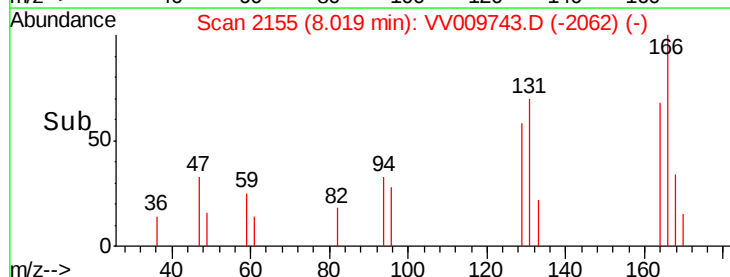
8.02

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8.02



#46

Tetrachloroethene

Concen: 1.128 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009743.D

Acq: 16 Mar 2019 21:17

Tgt Ion: 164 Resp: 936

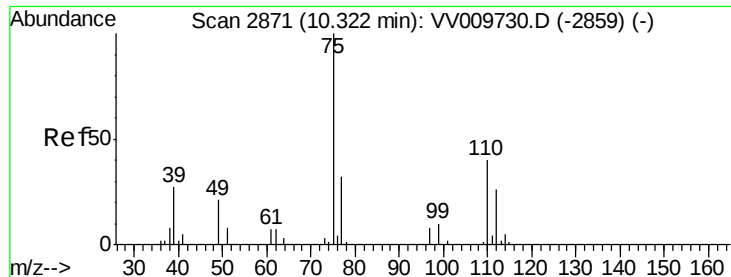
Ion Ratio Lower Upper

164 100

129 84.8 70.0 130.0

131 103.2 67.5 125.4

166 146.5 88.0 163.4



#59

1,2,3-Trichloropropane

Concen: 5.459 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009743.D

Acq: 16 Mar 2019 21:17

Instrument :

MSVOA_V

ClientSampleId :

BF0Z2

Tgt Ion: 75 Resp: 6982

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.4

