

Data File : VV009616.D
Acq On : 12 Mar 2019 20:15
Operator : SY/MD
Sample : K1818-01ME
Misc : 5.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q5ME

Quant Time: Mar 13 02:23:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165809	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40394	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.55	69	25871	25.33	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.66%#
11) 1,1-Dichloroethene-d2	2.10	63	89224	34.46	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.92%
21) 2-Butanone-d5	3.95	46	64278	88.63	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.63%
24) Chloroform-d	4.40	84	96825	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.08	65	66587	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.09	84	201480	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	61829	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.36	98	193055	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.67	79	29433	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.14	63	55105	97.87	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.87%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97208	47.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	72227	46.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

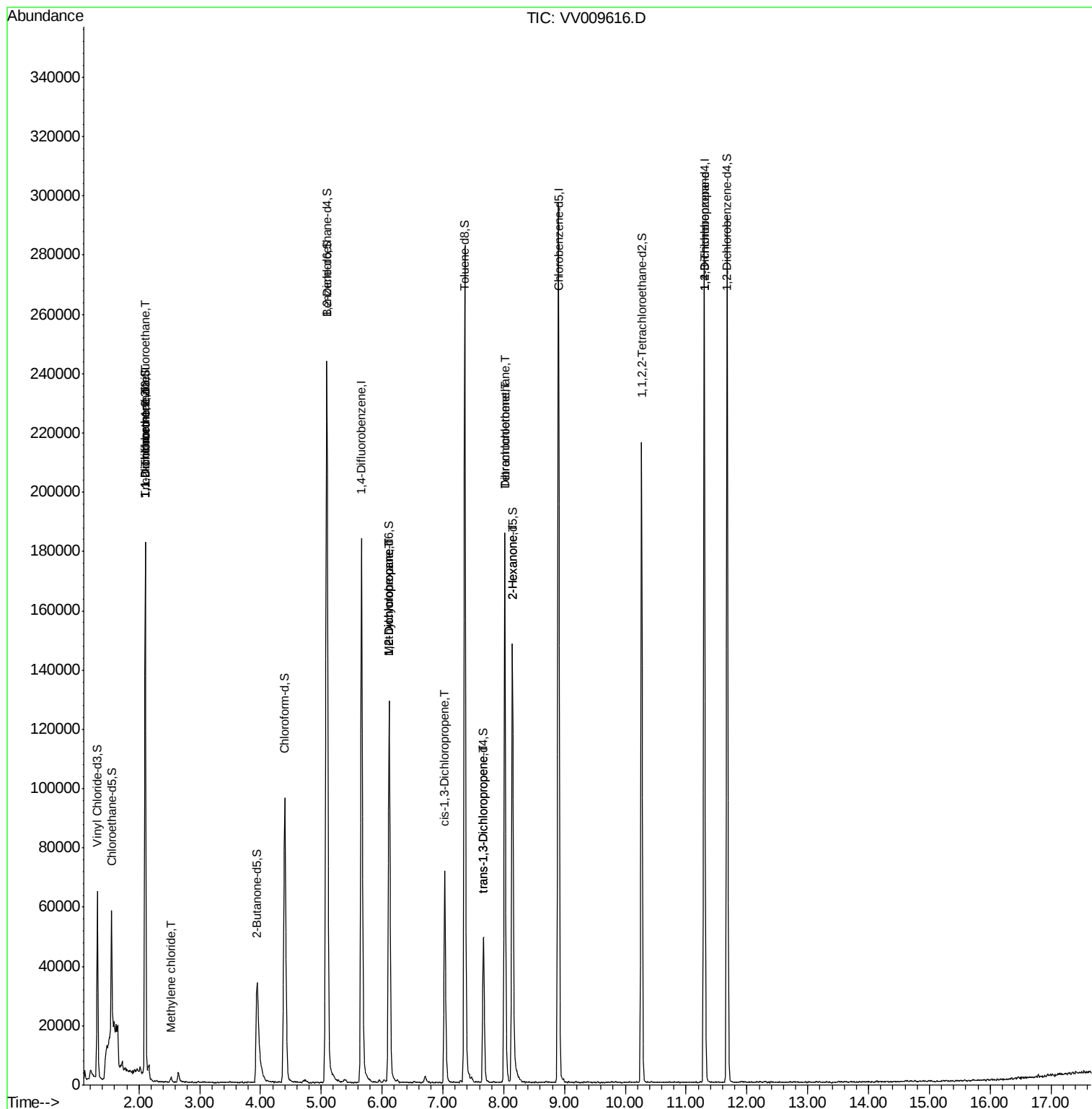
						Qvalue
9) Trichlorofluoromethane	2.10	101	943	0.417	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	943	0.751	ug/L #	19
12) 1,1-Dichloroethene	2.11	96	805	0.750	ug/L #	1
16) Methylene chloride	2.53	84	456	0.436	ug/L #	85
35) Methylcyclohexane	6.12	83	14641	8.160	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7283	6.876	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2391	1.416	ug/L	89
44) trans-1,3-Dichloropropene	7.67	75	1696	1.070	ug/L #	83
46) Tetrachloroethene	8.02	164	39037	44.770	ug/L	93
48) 2-Hexanone	8.14	43	6725	5.928	ug/L #	65
49) Dibromochloromethane	8.02	129	34095	28.042	ug/L #	12
59) 1,2,3-Trichloropropane	11.30	75	9909	6.900	ug/L	90

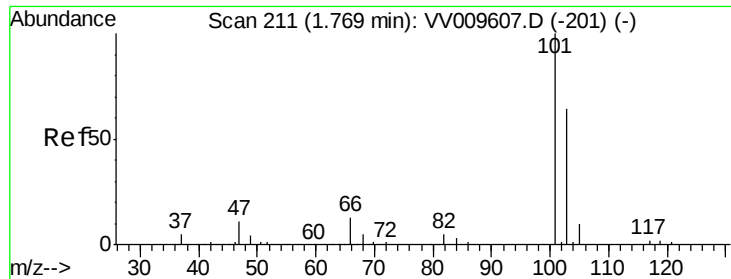
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.417 ug/L

RT: 2.10 min Scan# 314

Delta R.T. 0.33 min

Lab File: VV009616.D

Acq: 12 Mar 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

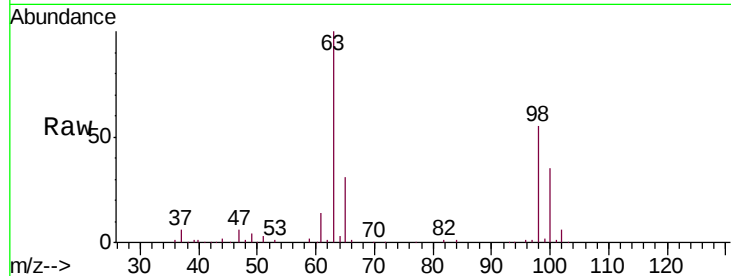
BF0Q5ME

Tgt Ion:101 Resp: 943

Ion Ratio Lower Upper

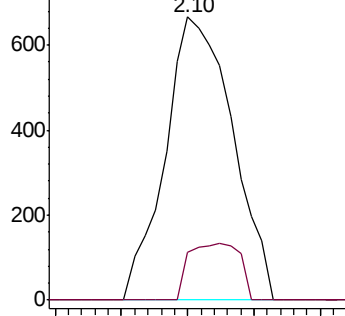
101 100

103 0.0 51.8 77.6#

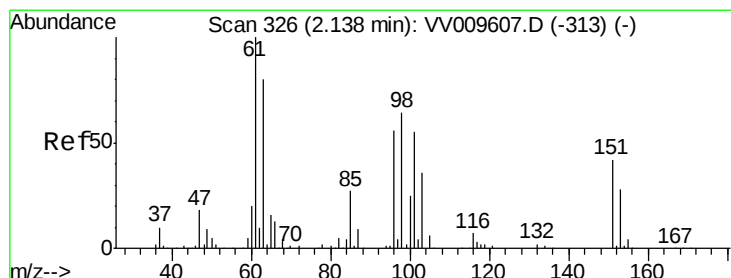
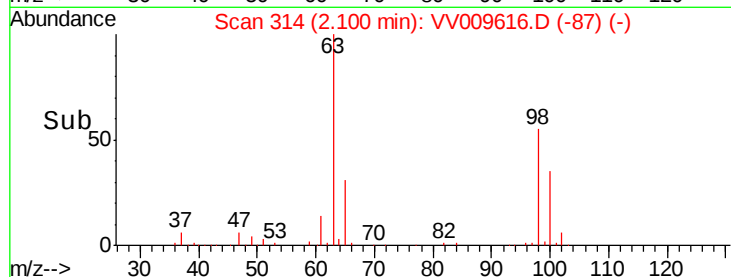


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.751 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009616.D

Acq: 12 Mar 2019 20:15

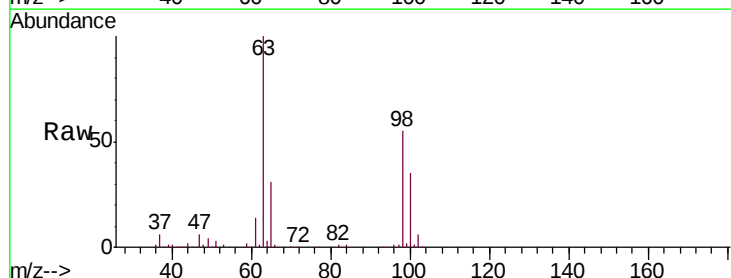
Tgt Ion:101 Resp: 943

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

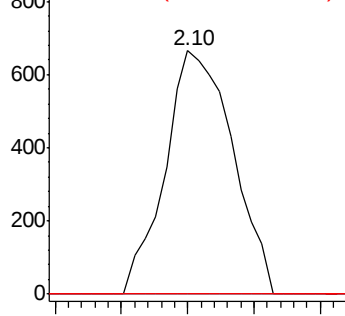
151 0.0 59.6 89.4#



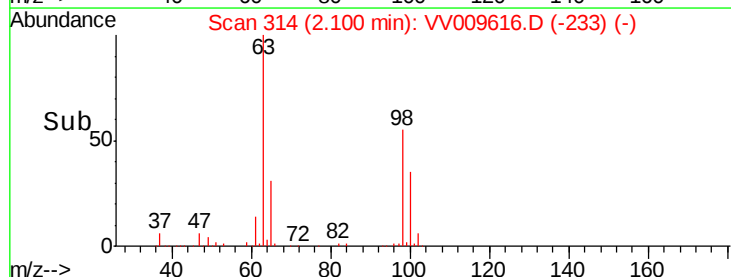
Abundance Ion 101.00 (100.70 to 101.70): V

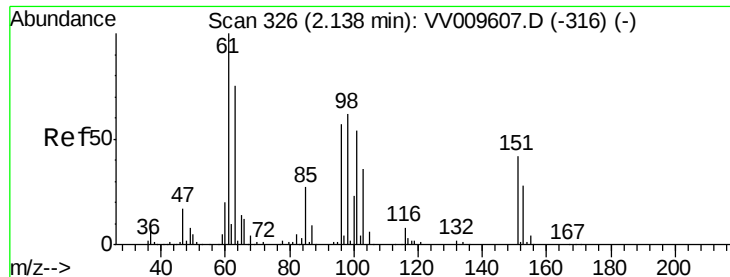
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->

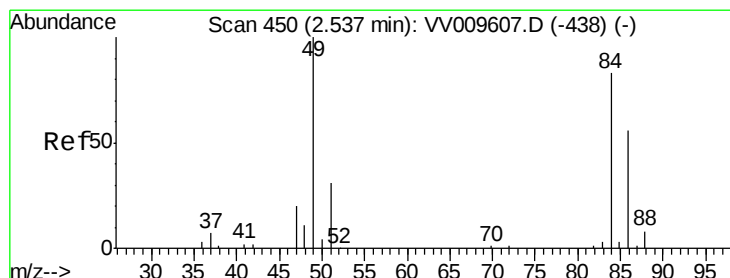
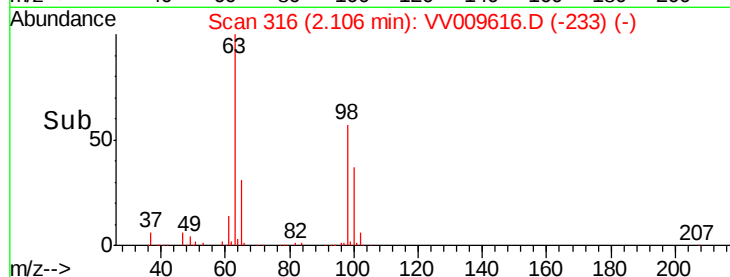
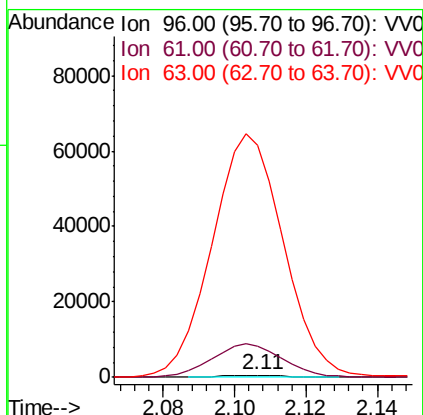
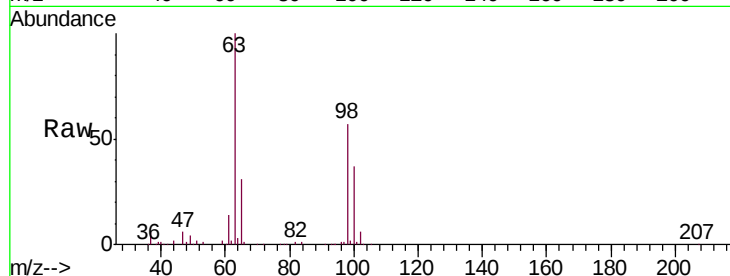




#12
 1,1-Dichloroethene
 Concen: 0.750 ug/L
 RT: 2.11 min Scan# 316
 Delta R.T. -0.03 min
 Lab File: VV009616.D
 Acq: 12 Mar 2019 20:15

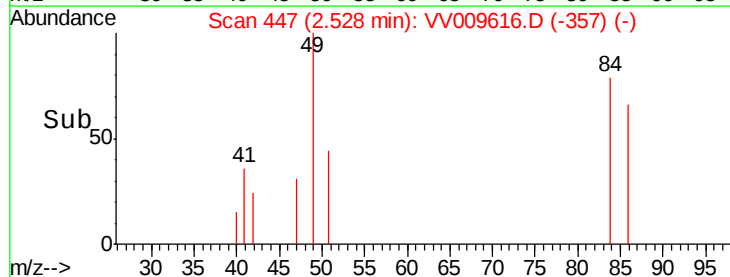
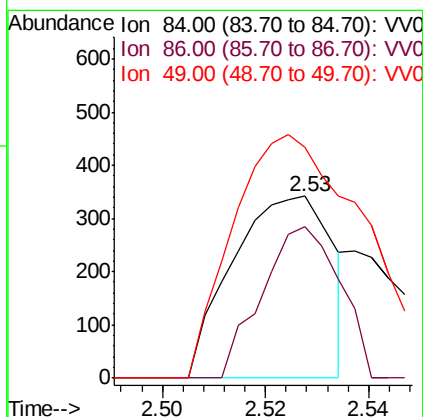
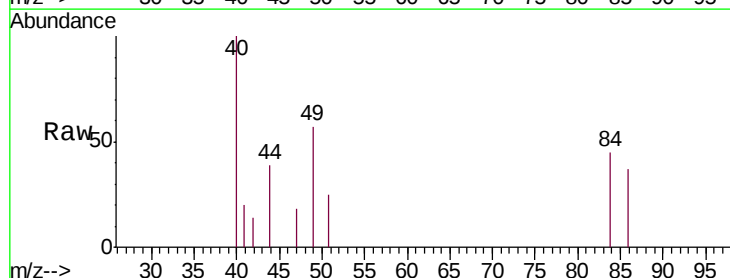
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Q5ME

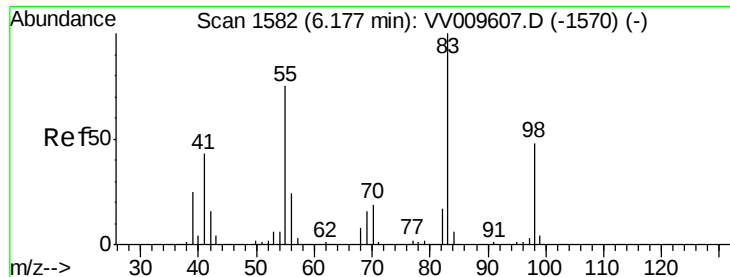
Tgt Ion: 96 Resp: 805
 Ion Ratio Lower Upper
 96 100
 61 1369.9 122.1 226.7#
 63 9995.4 107.6 199.8#



#16
 Methylene chloride
 Concen: 0.436 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: VV009616.D
 Acq: 12 Mar 2019 20:15

Tgt Ion: 84 Resp: 456
 Ion Ratio Lower Upper
 84 100
 86 83.0 44.0 81.6#
 49 126.6 82.0 152.4

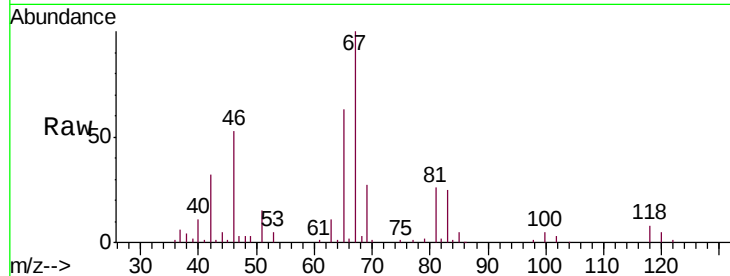




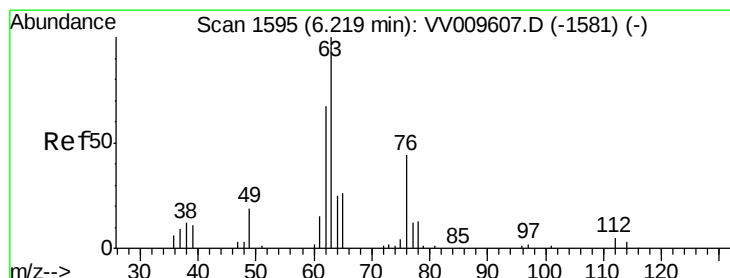
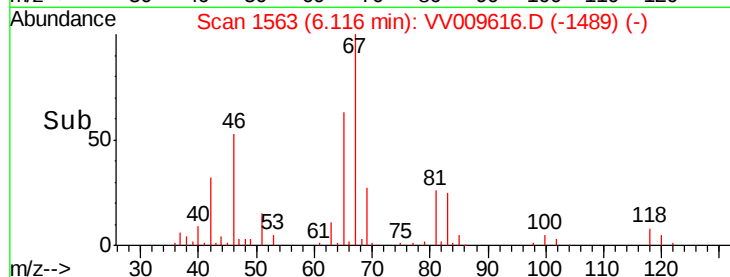
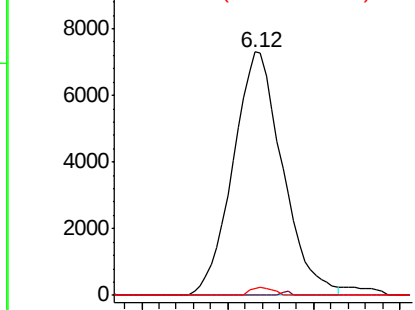
#35
Methylcyclohexane
Concen: 8.160 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009616.D
Acq: 12 Mar 2019 20:15

Instrument :
MSVOA_V
ClientSampleId :
BF0Q5ME

Tgt Ion: 83 Resp: 14641
Ion Ratio Lower Upper
83 100
55 0.3 57.9 86.9#
98 1.5 39.2 58.8#

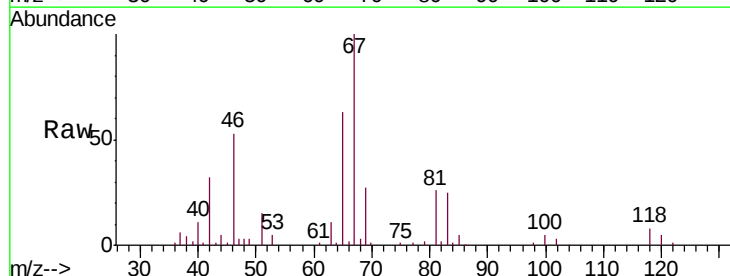


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

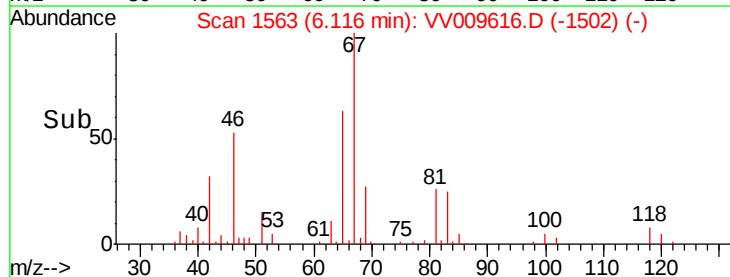
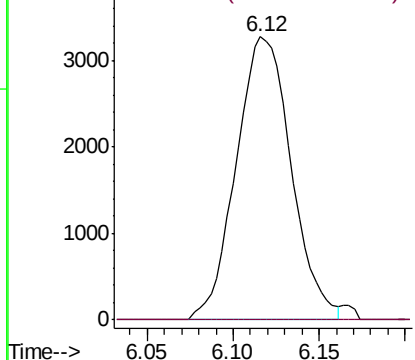


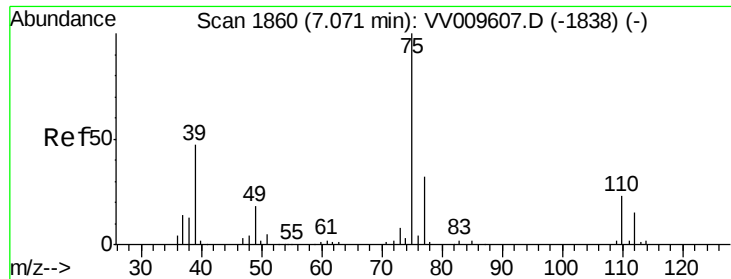
#37
1,2-Dichloropropane
Concen: 6.876 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009616.D
Acq: 12 Mar 2019 20:15

Tgt Ion: 63 Resp: 7283
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

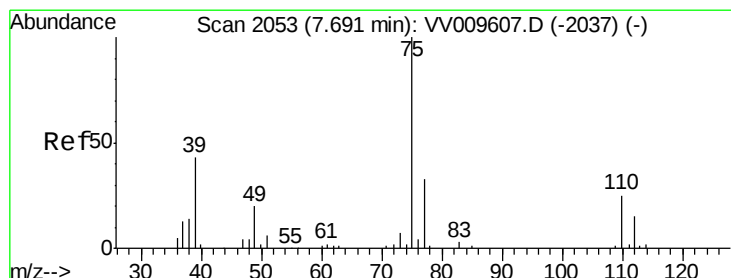
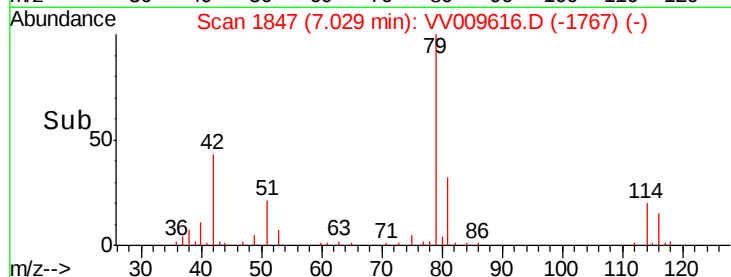
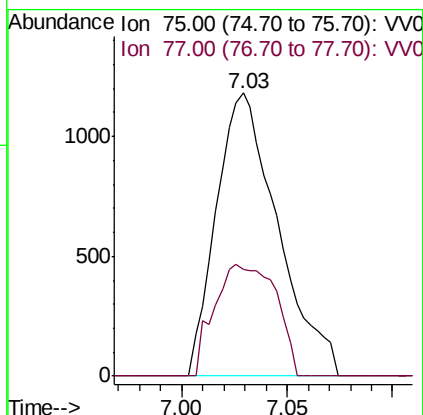
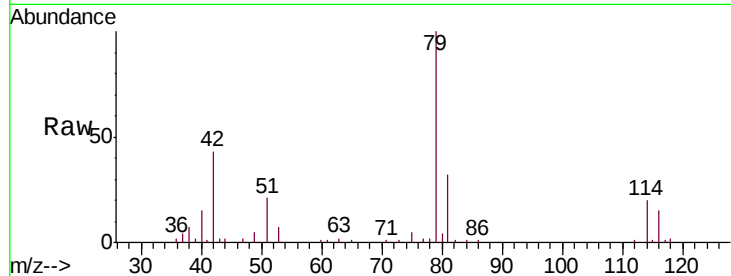




#39
 cis-1,3-Dichloropropene
 Concen: 1.416 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009616.D
 Acq: 12 Mar 2019 20:15

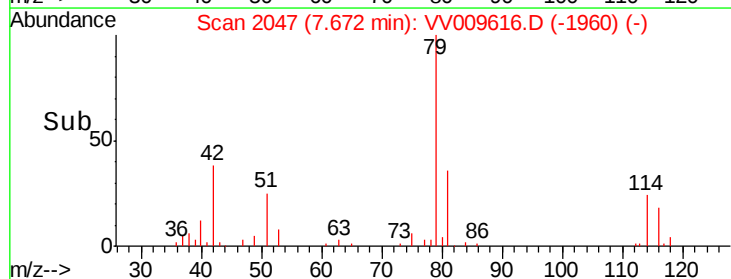
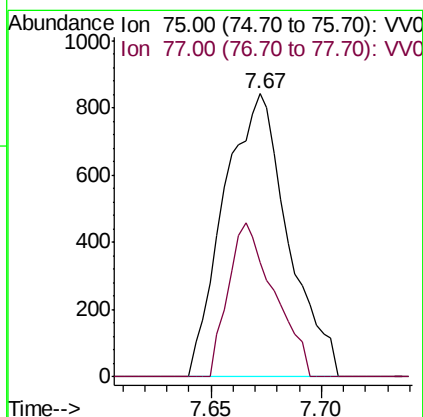
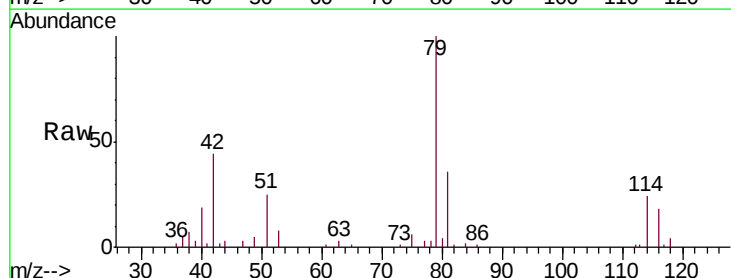
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Q5ME

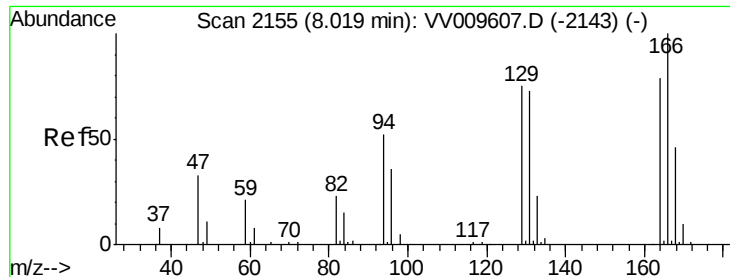
Tgt Ion: 75 Resp: 2391
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.3 41.5



#44
 trans-1,3-Dichloropropene
 Concen: 1.070 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: VV009616.D
 Acq: 12 Mar 2019 20:15

Tgt Ion: 75 Resp: 1696
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.6 40.2#





#46

Tetrachloroethene

Concen: 44.770 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009616.D

Acq: 12 Mar 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

BF0Q5ME

Tgt Ion:164 Resp: 39037

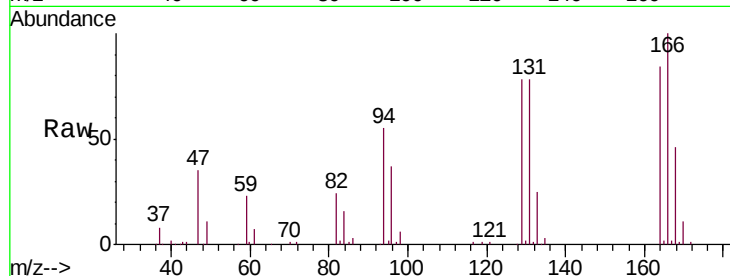
Ion Ratio Lower Upper

164 100

129 92.7 70.8 131.6

131 93.4 68.3 126.9

166 119.1 89.5 166.3

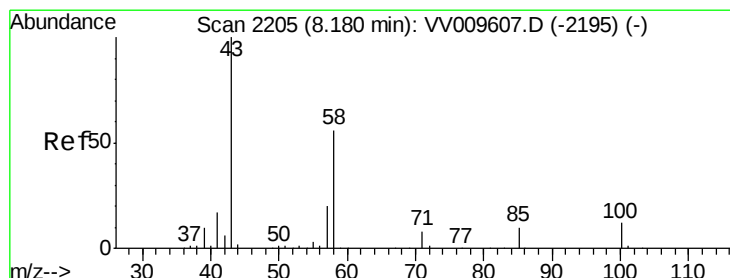
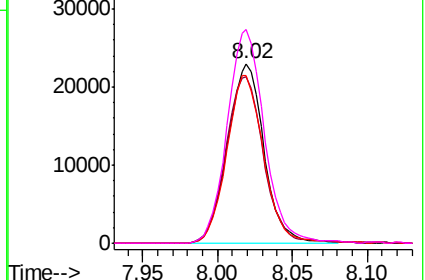
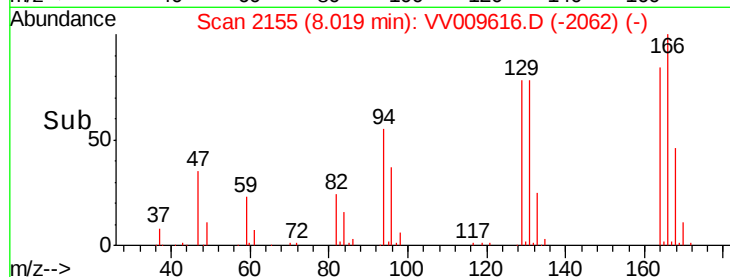


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.928 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV009616.D

Acq: 12 Mar 2019 20:15

Tgt Ion: 43 Resp: 6725

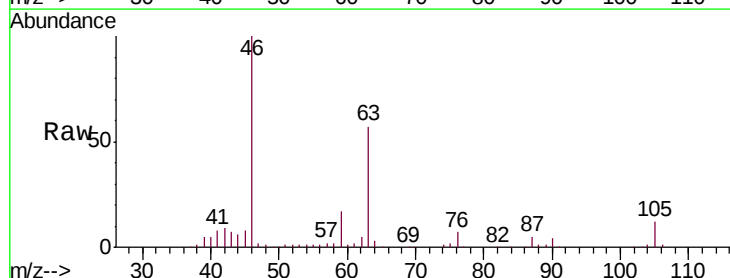
Ion Ratio Lower Upper

43 100

58 28.3 45.8 68.8#

57 28.5 14.5 21.7#

100 0.0 9.8 14.8#

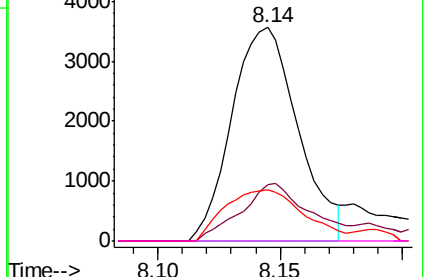
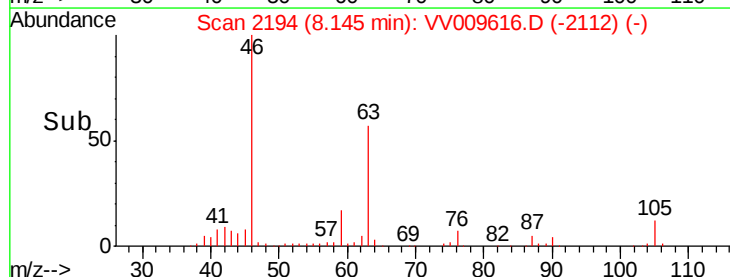


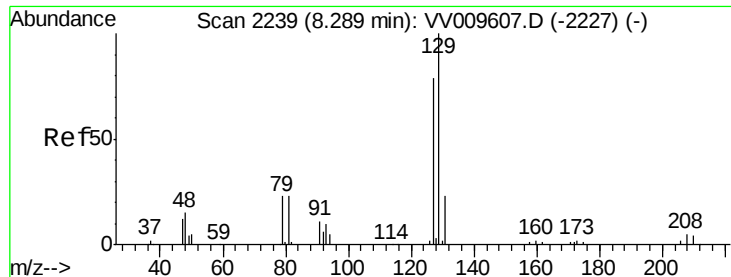
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 28.042 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009616.D

Acq: 12 Mar 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

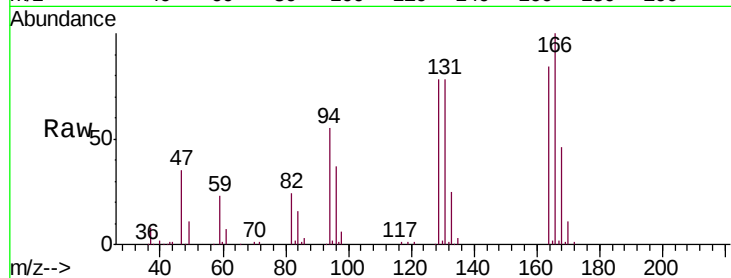
BF0Q5ME

Tgt Ion:129 Resp: 34095

Ion Ratio Lower Upper

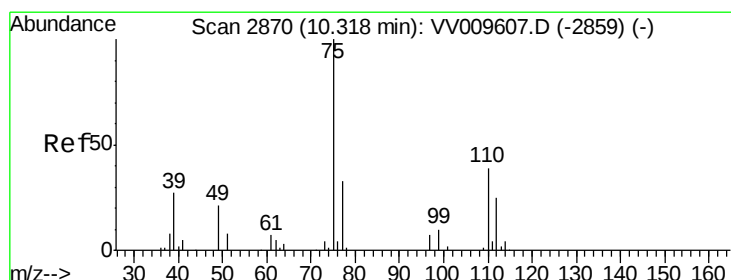
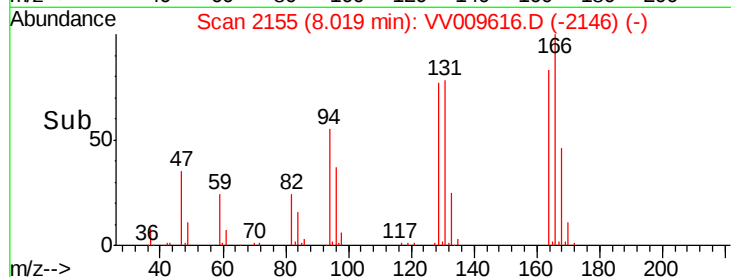
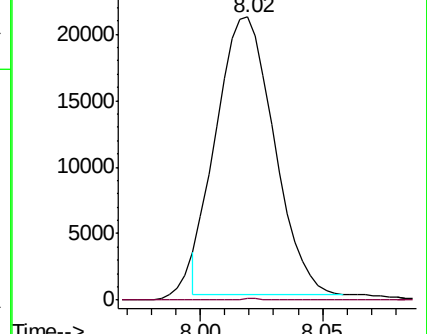
129 100

127 0.6 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 6.900 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009616.D

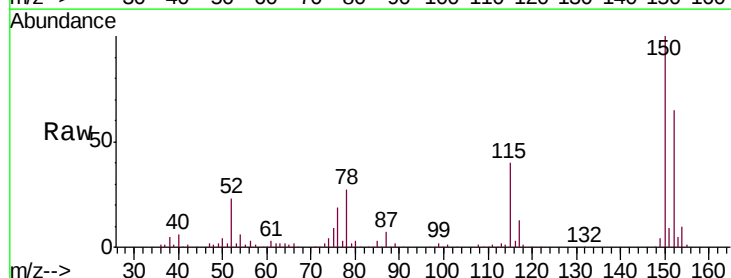
Acq: 12 Mar 2019 20:15

Tgt Ion: 75 Resp: 9909

Ion Ratio Lower Upper

75 100

77 38.8 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

