

Data File : VV009627.D
Acq On : 13 Mar 2019 00:35
Operator : SY/MD
Sample : K1838-02
Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S3

Quant Time: Mar 13 02:25:45 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	165058	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163300	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40546	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.02%
7) Chloroethane-d5	1.55	69	23375	22.99	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.98%#
11) 1,1-Dichloroethene-d2	2.10	63	85680	33.25	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	3.95	46	67978	94.16	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.16%
24) Chloroform-d	4.40	84	96586	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.08	65	67193	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.09	84	197379	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
36) 1,2-Dichloropropane-d6	6.12	67	61562	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.36	98	188469	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	7.67	79	29634	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.14	63	56396	101.55	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93861	46.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	70666	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

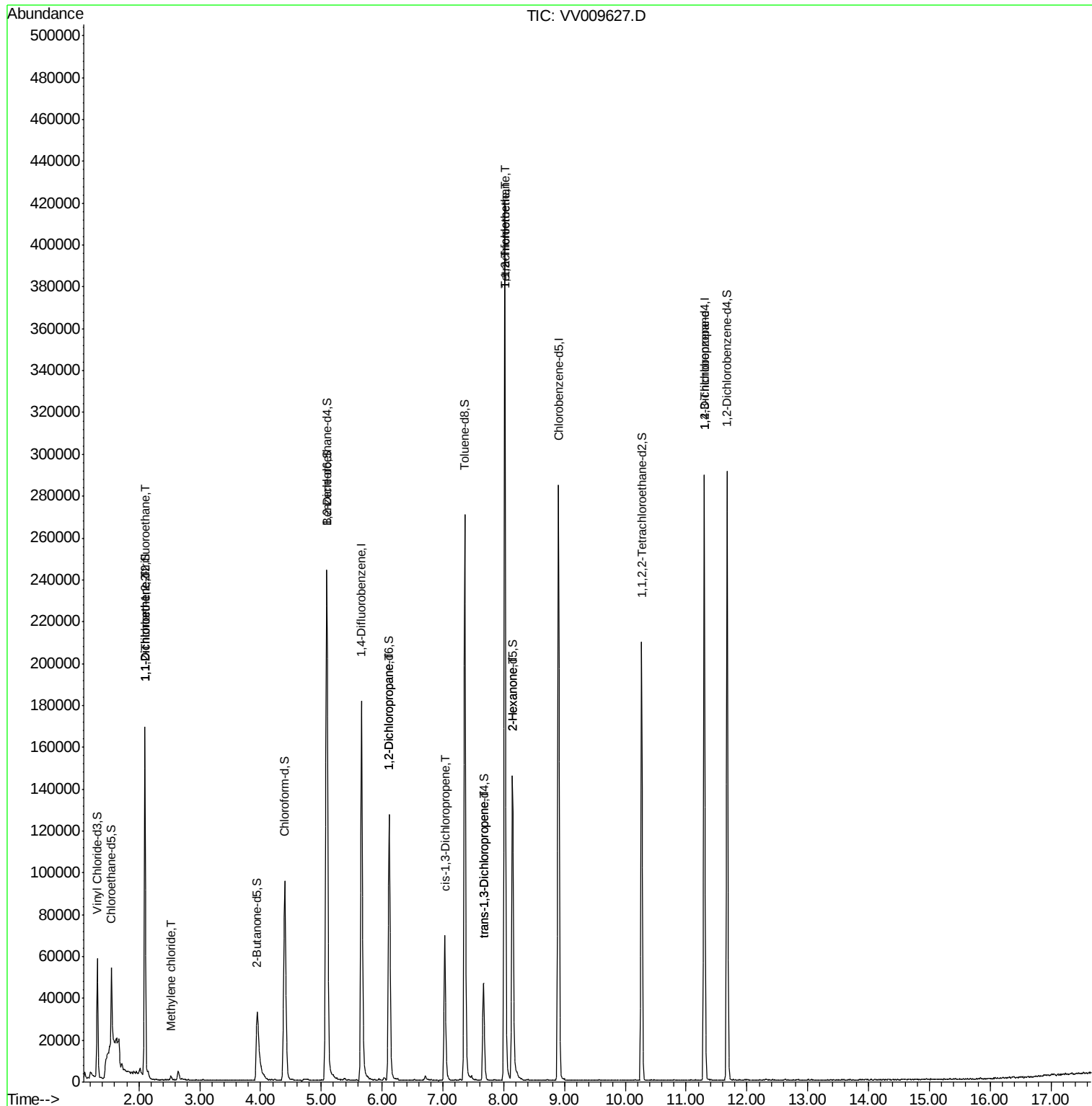
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	725	0.580	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	944	0.883	ug/L #	1
16) Methylene chloride	2.53	84	670	0.644	ug/L #	75
37) 1,2-Dichloropropane	6.12	63	7330	7.017	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2469	1.483	ug/L #	82
44) trans-1,3-Dichloropropene	7.67	75	1636	1.046	ug/L	85
45) 1,1,2-Trichloroethane	8.02	97	843	0.782	ug/L #	11
46) Tetrachloroethene	8.02	164	85641	99.583	ug/L	97
48) 2-Hexanone	8.14	43	6517	5.825	ug/L #	63
59) 1,2,3-Trichloropropane	11.30	75	9816	6.930	ug/L	91

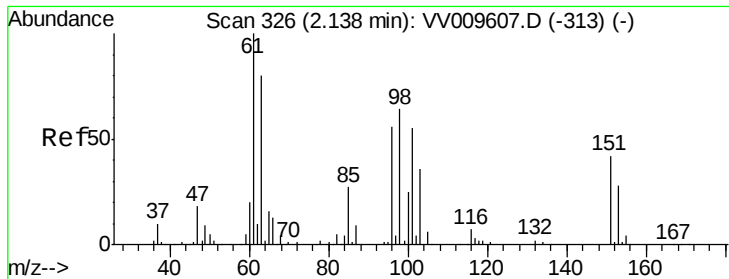
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.580 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009627.D

Acq: 13 Mar 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

BF0S3

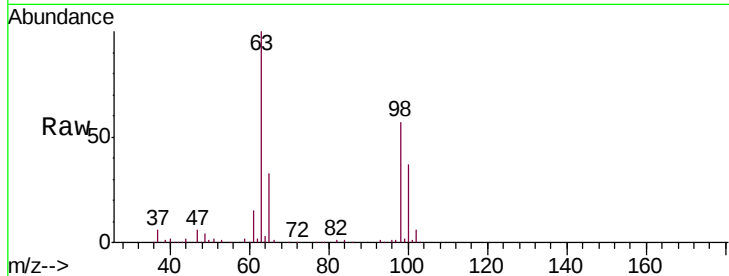
Tgt Ion: 101 Resp: 725

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

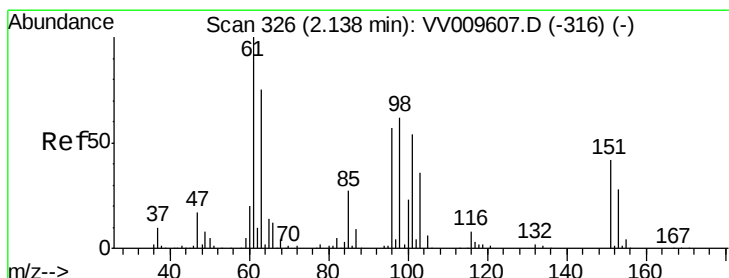
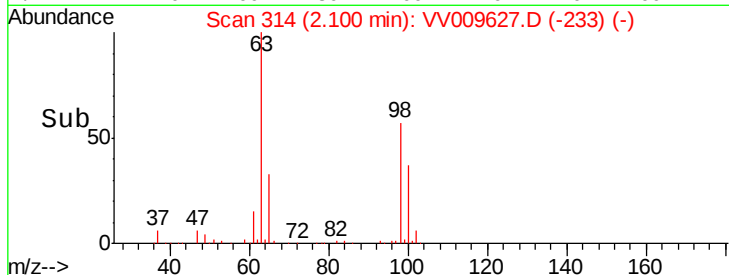
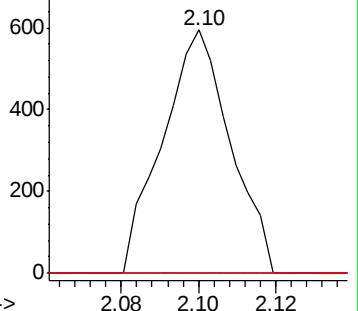
151 0.0 59.6 89.4#



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



#12

1,1-Dichloroethene

Concen: 0.883 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009627.D

Acq: 13 Mar 2019 00:35

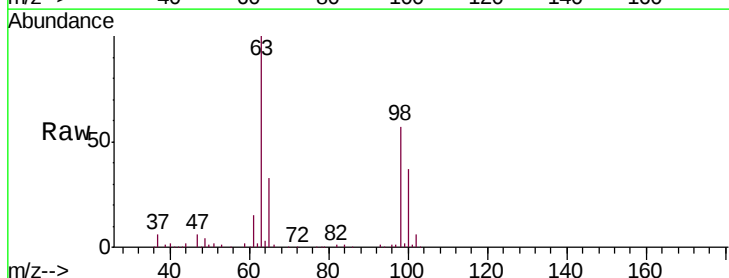
Tgt Ion: 96 Resp: 944

Ion Ratio Lower Upper

96 100

61 1491.8 122.1 226.7#

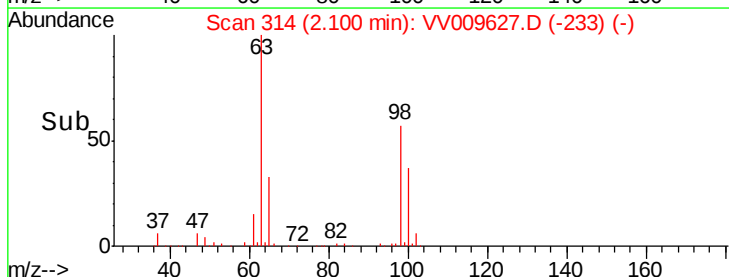
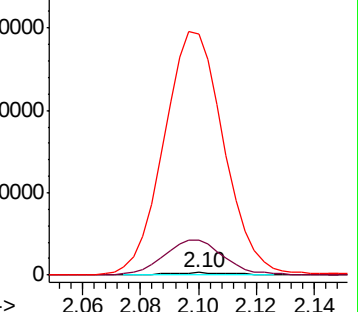
63 10218.8 107.6 199.8#

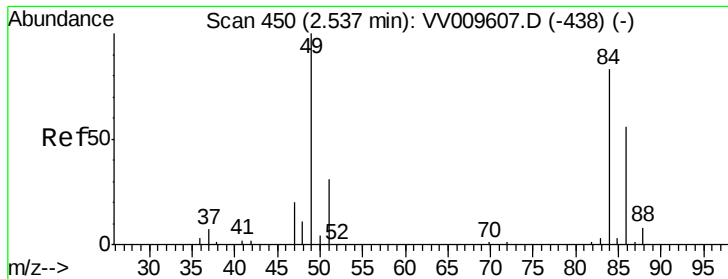


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

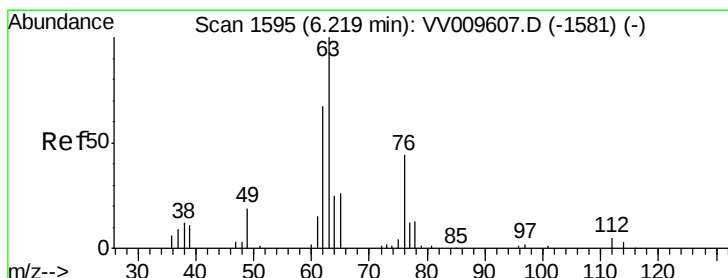
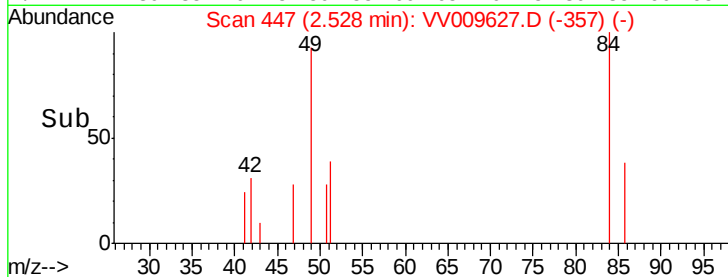
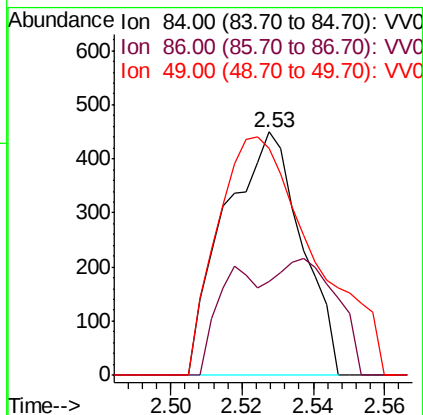
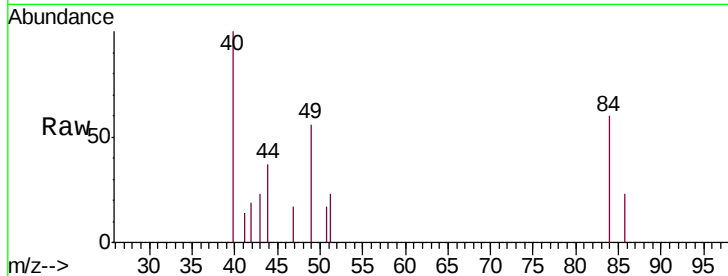




#16
Methylene chloride
Concen: 0.644 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009627.D
Acq: 13 Mar 2019 00:35

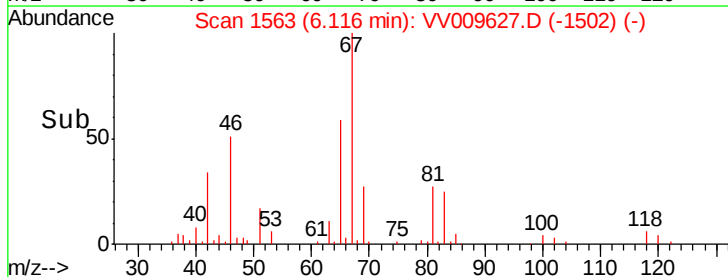
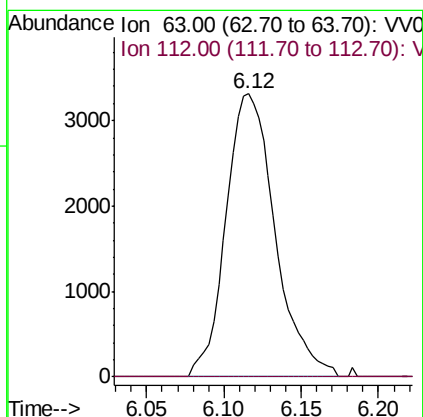
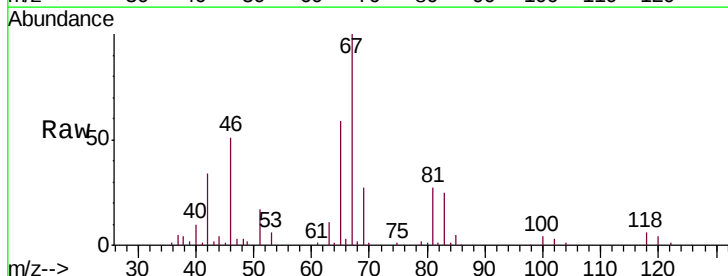
Instrument :
MSVOA_V
ClientSampleId :
BF0S3

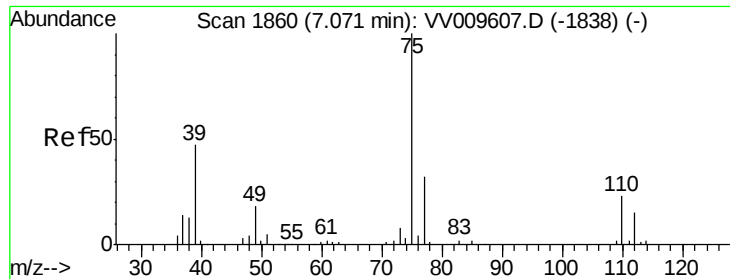
Tgt Ion: 84 Resp: 670
Ion Ratio Lower Upper
84 100
86 38.2 44.0 81.6#
49 93.3 82.0 152.4



#37
1,2-Dichloropropane
Concen: 7.017 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009627.D
Acq: 13 Mar 2019 00:35

Tgt Ion: 63 Resp: 7330
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

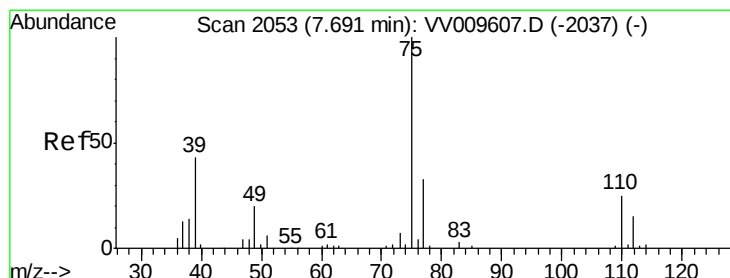
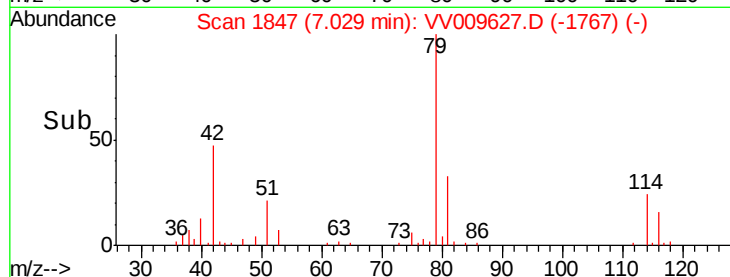
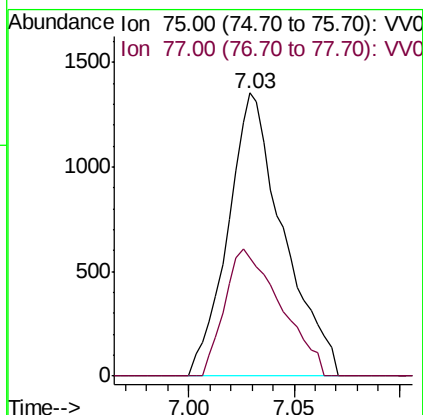
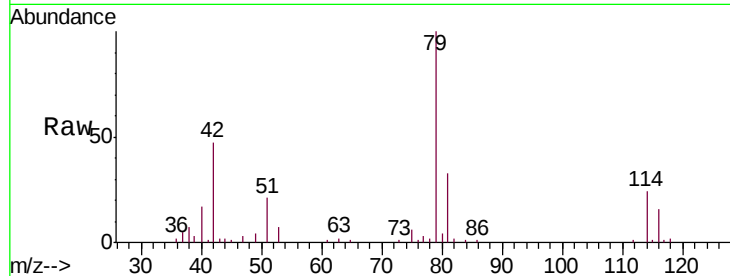




#39
 cis-1,3-Dichloropropene
 Concen: 1.483 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009627.D
 Acq: 13 Mar 2019 00:35

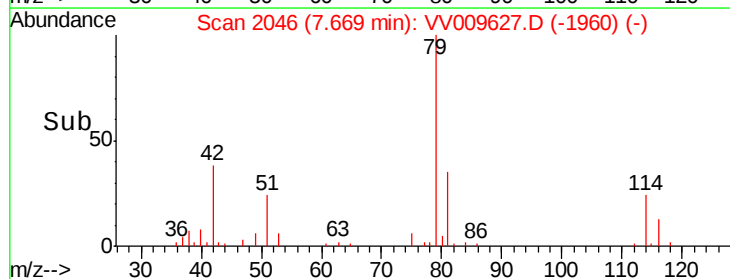
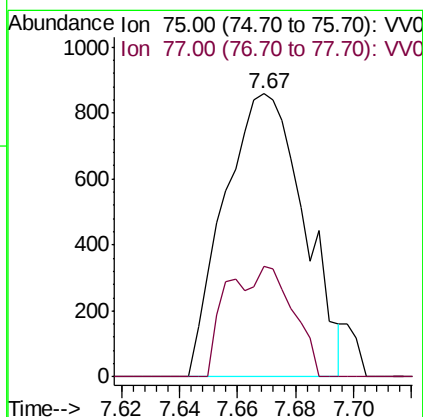
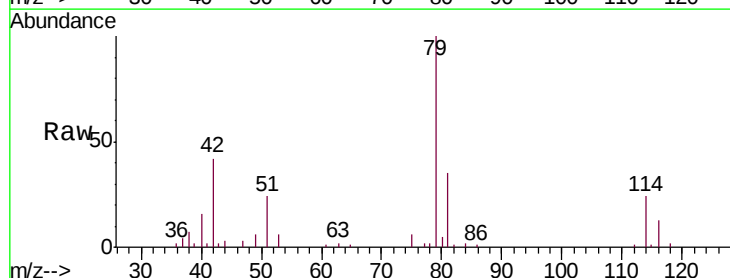
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S3

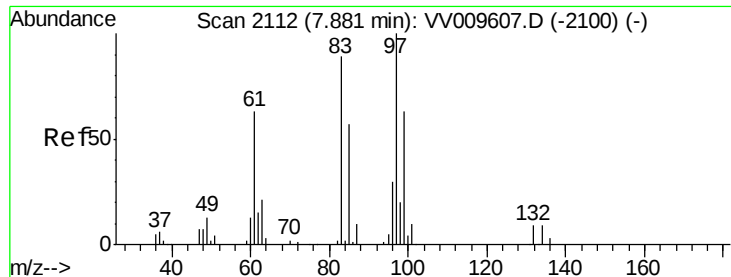
Tgt Ion: 75 Resp: 2469
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 1.046 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: VV009627.D
 Acq: 13 Mar 2019 00:35

Tgt Ion: 75 Resp: 1636
 Ion Ratio Lower Upper
 75 100
 77 39.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 0.782 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.14 min

Lab File: VV009627.D

Acq: 13 Mar 2019 00:35

Instrument :

MSVOA_V

ClientSampleId :

BF0S3

Tgt Ion: 97 Resp: 843

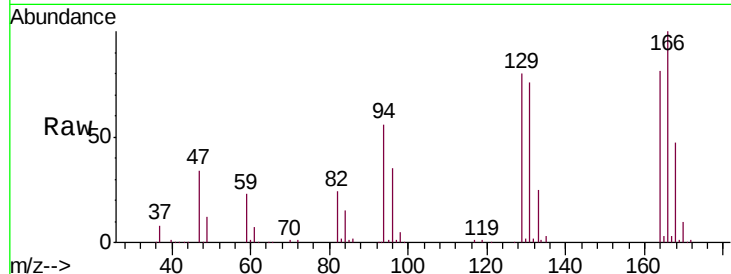
Ion Ratio Lower Upper

97 100

99 37.6 44.0 81.8#

83 259.2 61.5 114.3#

85 63.4 41.0 76.2



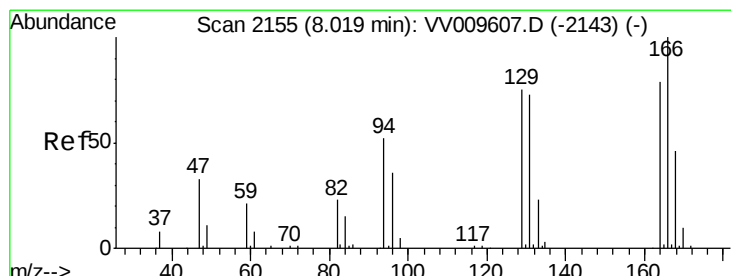
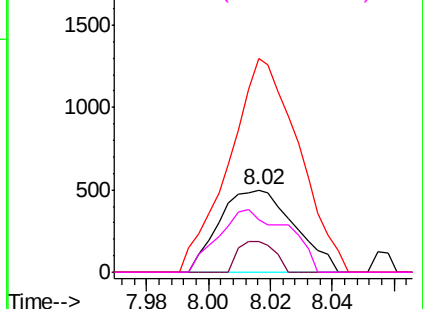
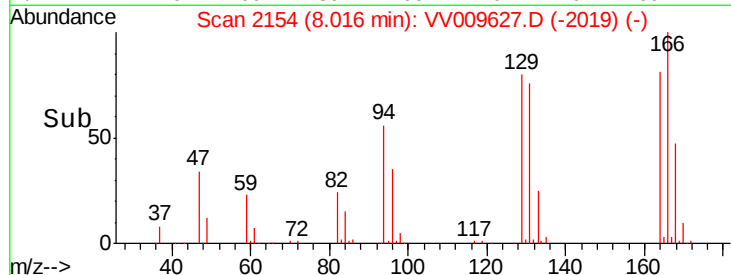
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 99.583 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009627.D

Acq: 13 Mar 2019 00:35

Tgt Ion: 164 Resp: 85641

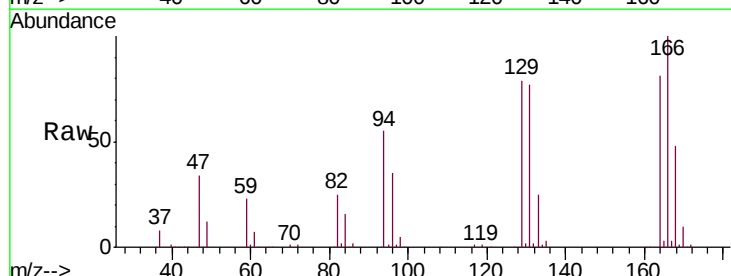
Ion Ratio Lower Upper

164 100

129 97.2 70.8 131.6

131 95.2 68.3 126.9

166 123.7 89.5 166.3



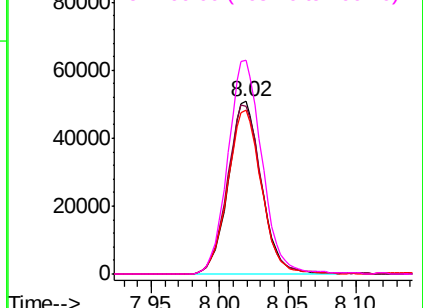
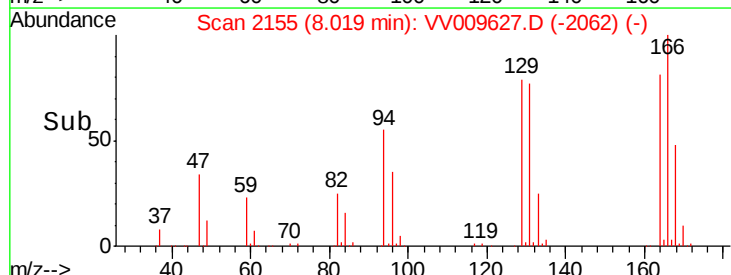
Abundance

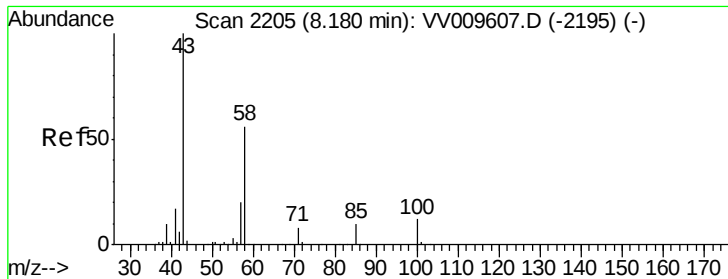
Ion 164.00 (163.70 to 164.70): V

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

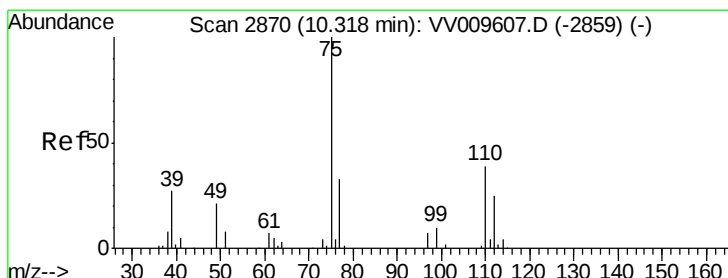
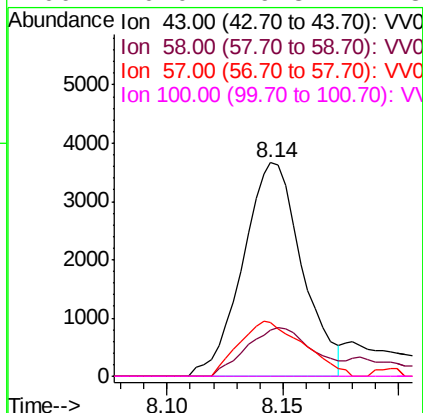
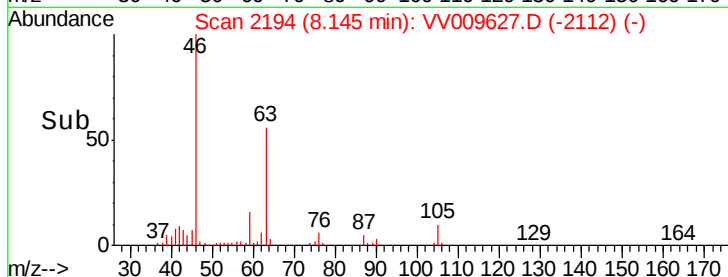
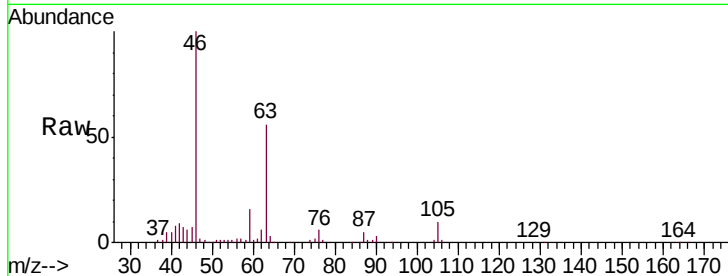




#48
 2-Hexanone
 Concen: 5.825 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.04 min
 Lab File: VV009627.D
 Acq: 13 Mar 2019 00:35

Instrument :
 MSVOA_V
 ClientSampled :
 BF0S3

Tgt Ion: 43 Resp: 6517
 Ion Ratio Lower Upper
 43 100
 58 26.1 45.8 68.8#
 57 27.9 14.5 21.7#
 100 0.0 9.8 14.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.930 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV009627.D
 Acq: 13 Mar 2019 00:35

Tgt Ion: 75 Resp: 9816
 Ion Ratio Lower Upper
 75 100
 77 38.5 26.6 40.0

