

Data File : VV007862.D
Acq On : 25 Sep 2018 18:51
Operator : SY/MD
Sample : J5043-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E5FG0

Quant Time: Sep 26 05:00:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190769	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93212	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53631	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.59	69	50442	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.68%
11) 1,1-Dichloroethene-d2	2.14	63	92055	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	3.96	46	41418	51.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.39%
24) Chloroform-d	4.41	84	109017	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
26) 1,2-Dichloroethane-d4	5.09	65	87727	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.11	84	242638	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.13	67	78467	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.40%
41) Toluene-d8	7.36	98	236055	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.67	79	33244	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.14	63	60636	92.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109481	47.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	104026	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

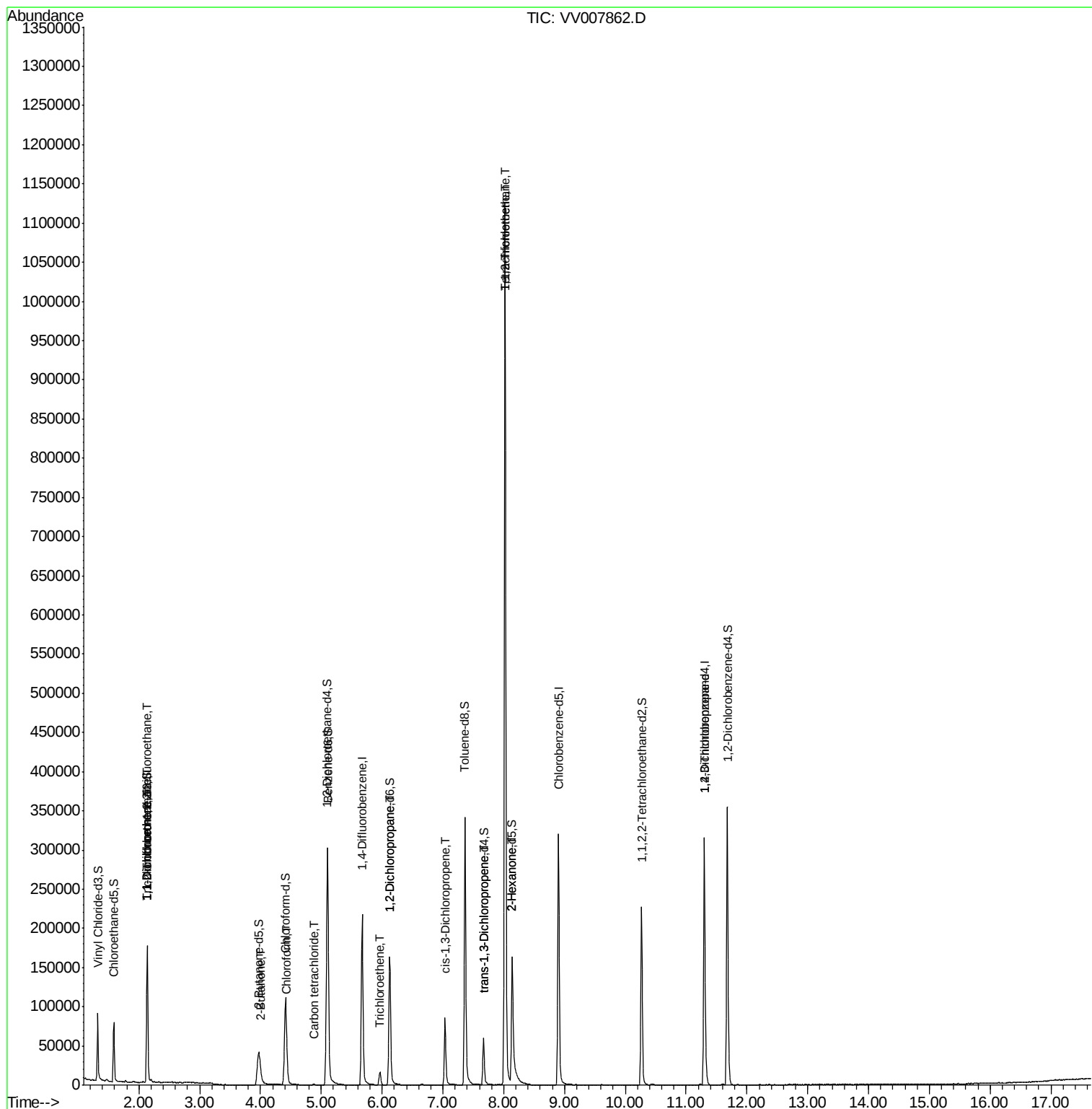
					Qvalue
9) Trichlorofluoromethane	2.14	101	949	0.405 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	949	0.726 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	791	0.674 ug/L #	1
22) 2-Butanone	4.01	43	5483	4.928 ug/L #	50
25) Chloroform	4.44	83	13326	5.225 ug/L	98
31) Carbon tetrachloride	4.88	117	685	0.371 ug/L #	64
34) Trichloroethene	5.96	95	5109	3.712 ug/L	97
37) 1,2-Dichloropropane	6.13	63	9532	7.203 ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	2289	1.191 ug/L #	79
44) trans-1,3-Dichloropropene	7.67	75	1583	0.829 ug/L	87
45) 1,1,2-Trichloroethane	8.02	97	1876	1.419 ug/L #	7
46) Tetrachloroethene	8.02	164	264987	200.346 ug/L	98
48) 2-Hexanone	8.14	43	8676	5.870 ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	9900	5.620 ug/L #	85

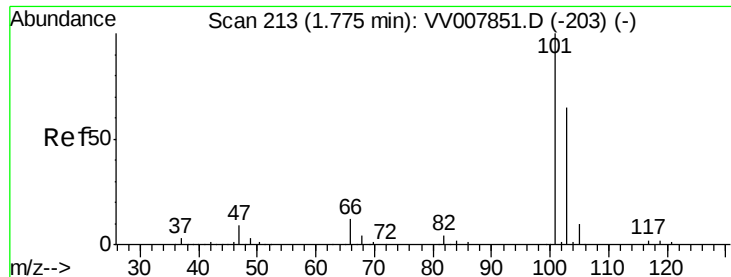
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.405 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.37 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

Instrument :

MSVOA_V

ClientSampleId :

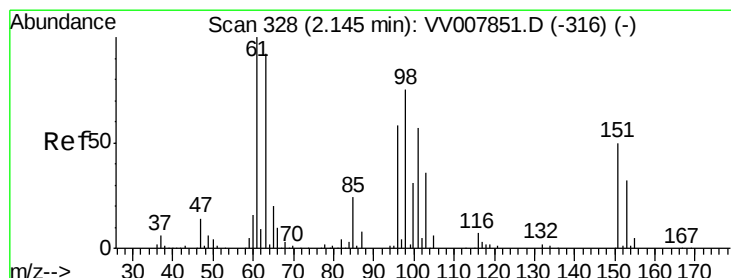
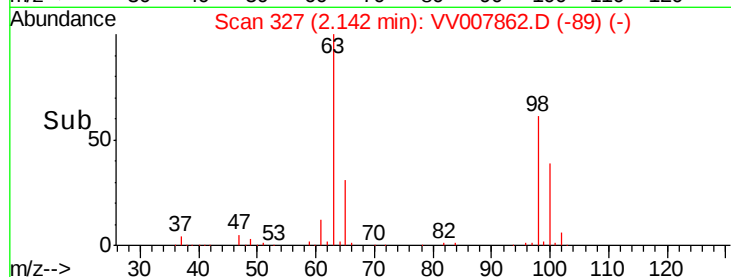
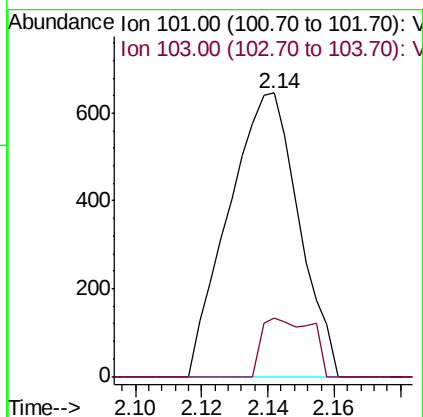
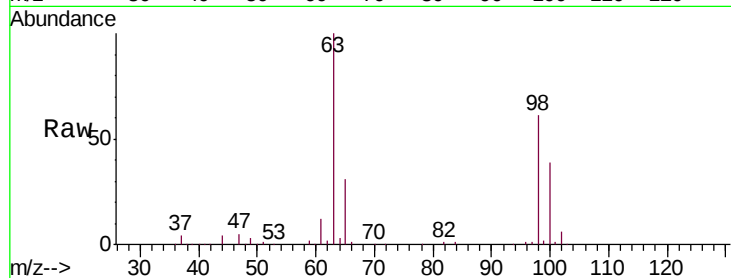
E5FG0

Tgt Ion:101 Resp: 949

Ion Ratio Lower Upper

101 100

103 10.0 52.4 78.6#



#10

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

Concen: 0.726 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

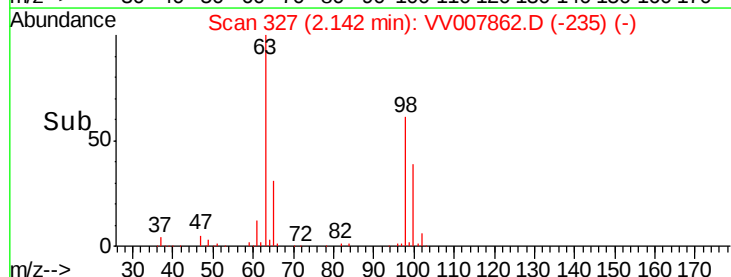
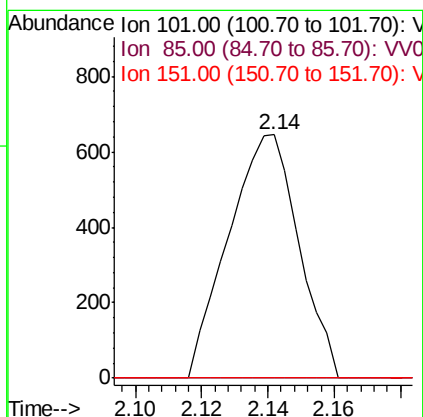
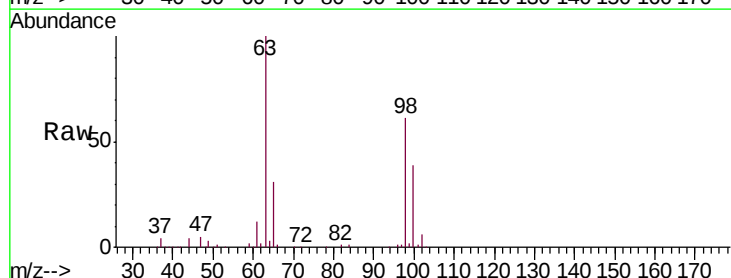
Tgt Ion:101 Resp: 949

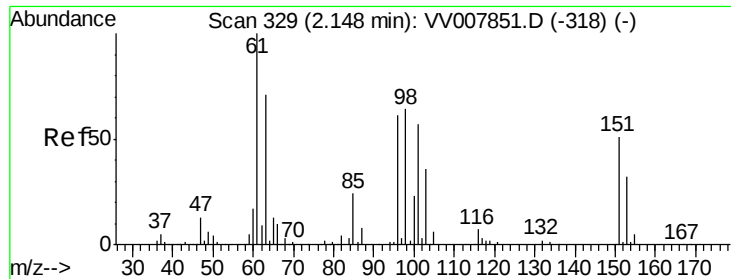
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 69.7 104.5#





#12

1,1-Dichloroethene

Concen: 0.674 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

Instrument :

MSVOA_V

ClientSampled :

E5FG0

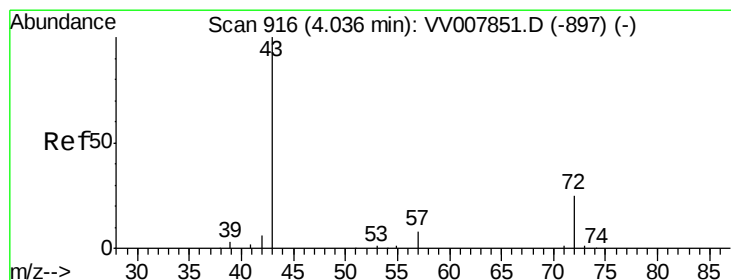
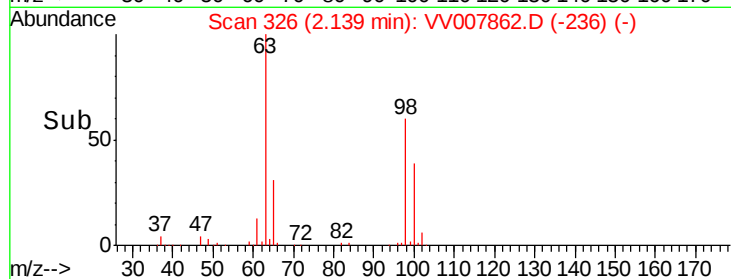
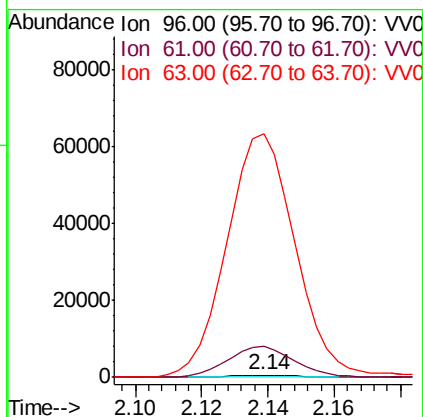
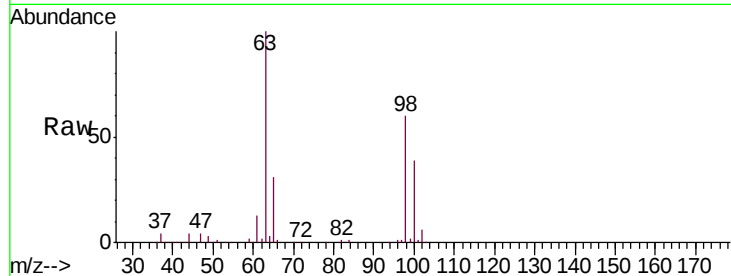
Tgt Ion: 96 Resp: 791

Ion Ratio Lower Upper

96 100

61 1463.4 116.1 215.7#

63 11680.3 86.5 160.7#



#22

2-Butanone

Concen: 4.928 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.03 min

Lab File: VV007862.D

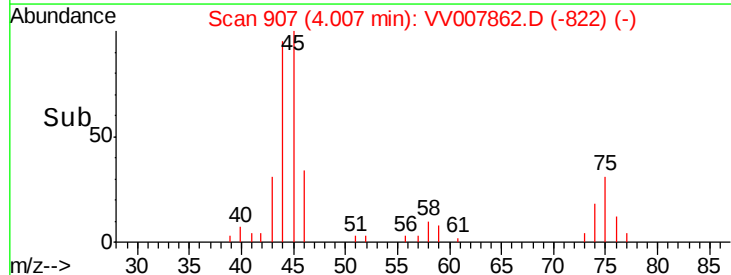
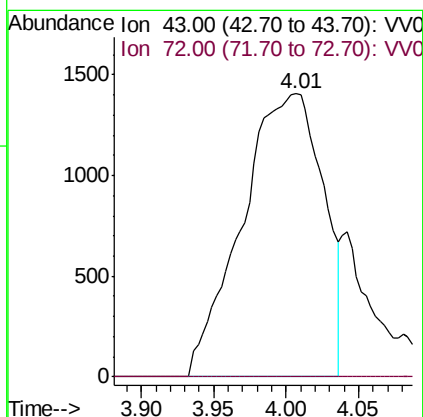
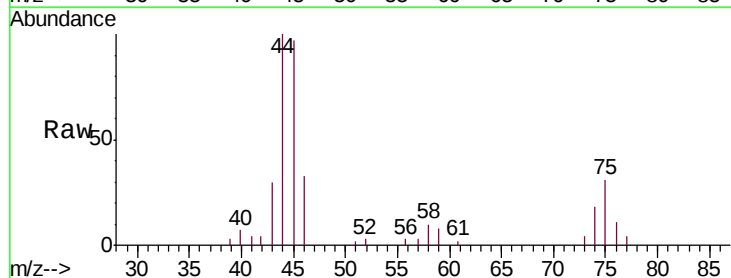
Acq: 25 Sep 2018 18:51

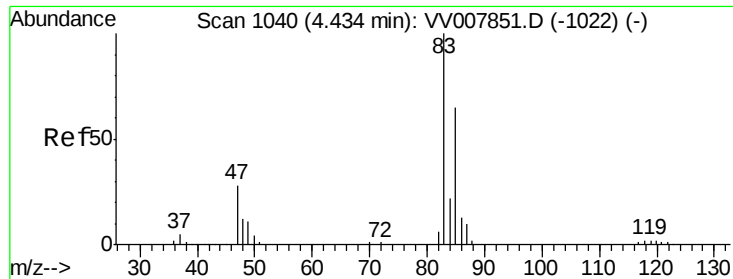
Tgt Ion: 43 Resp: 5483

Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.2#

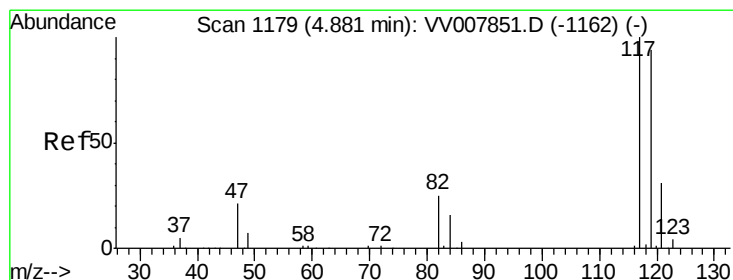
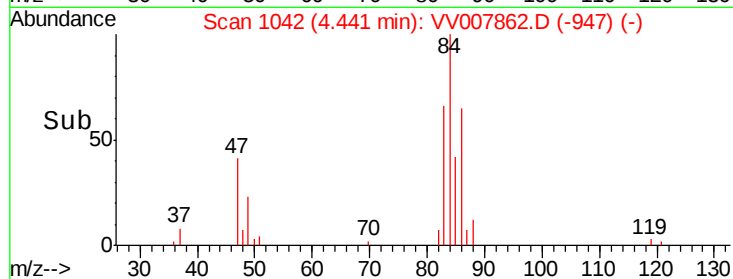
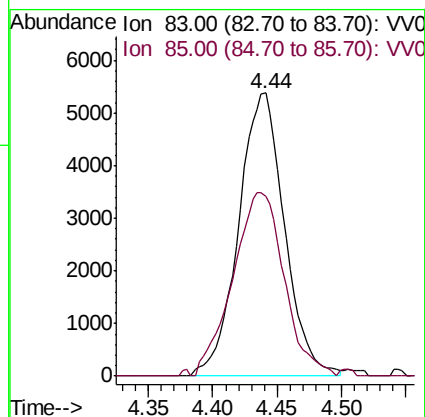
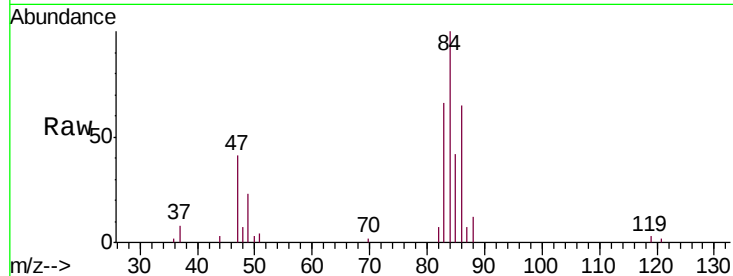




#25
Chloroform
Concen: 5.225 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV007862.D
Acq: 25 Sep 2018 18:51

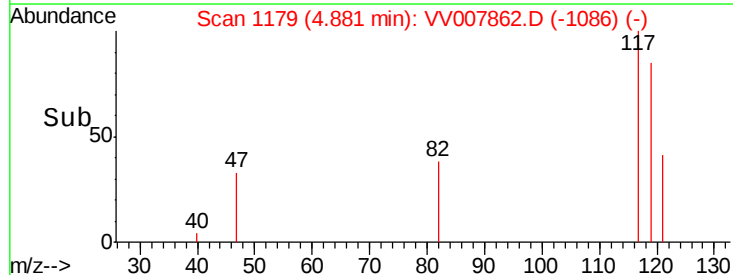
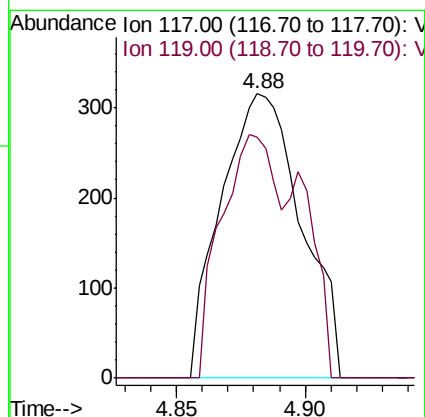
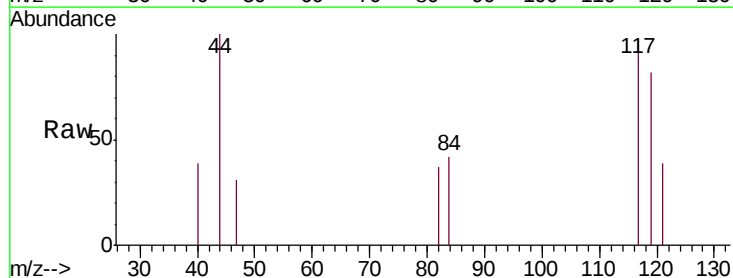
Instrument :
MSVOA_V
ClientSampled :
E5FG0

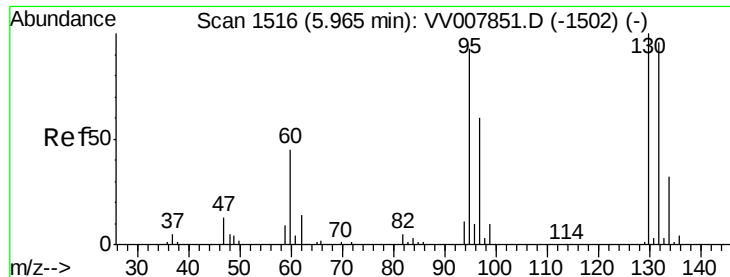
Tgt Ion: 83 Resp: 13326
Ion Ratio Lower Upper
83 100
85 63.6 45.9 85.3



#31
Carbon tetrachloride
Concen: 0.371 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007862.D
Acq: 25 Sep 2018 18:51

Tgt Ion: 117 Resp: 685
Ion Ratio Lower Upper
117 100
119 59.7 76.2 114.2#

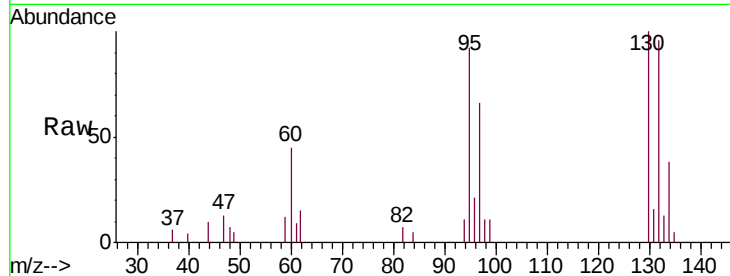




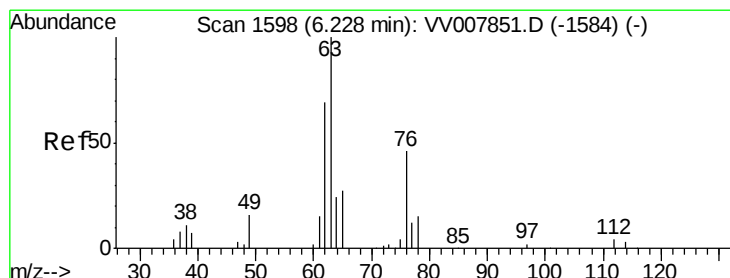
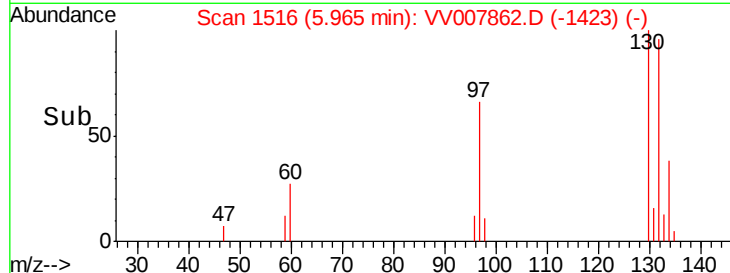
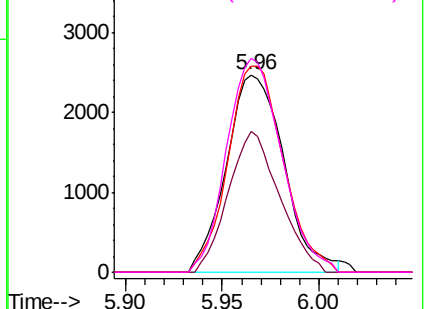
#34
 Trichloroethene
 Concen: 3.712 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007862.D
 Acq: 25 Sep 2018 18:51

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FG0

Tgt Ion: 95 Resp: 5109
 Ion Ratio Lower Upper
 95 100
 97 71.4 45.4 84.2
 132 104.2 72.2 134.0
 130 108.3 75.5 140.3

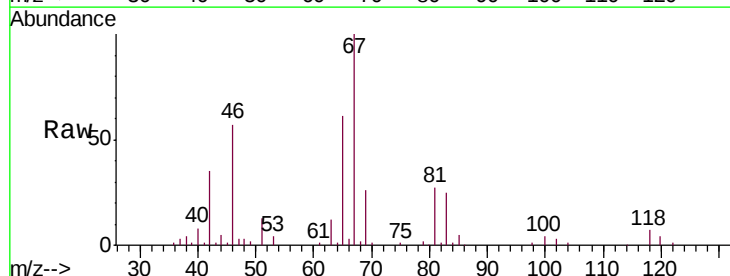


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

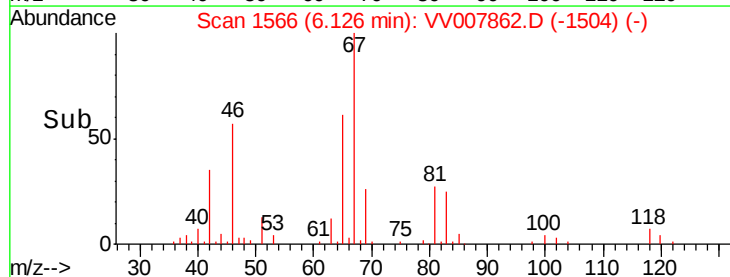
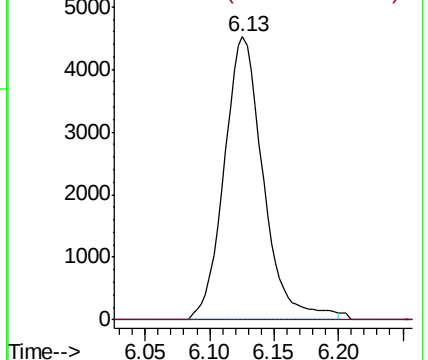


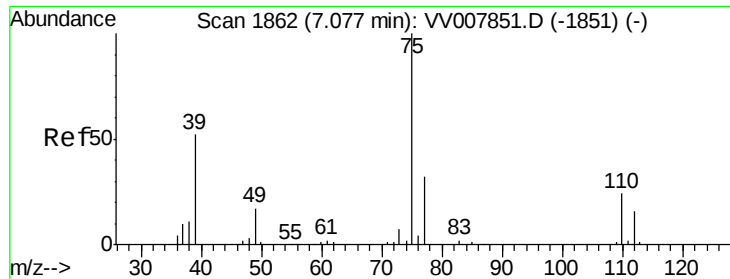
#37
 1,2-Dichloropropane
 Concen: 7.203 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007862.D
 Acq: 25 Sep 2018 18:51

Tgt Ion: 63 Resp: 9532
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



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

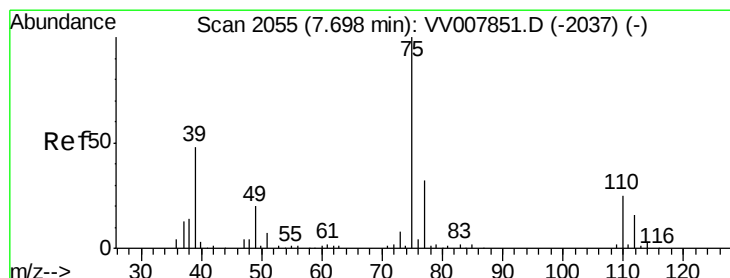
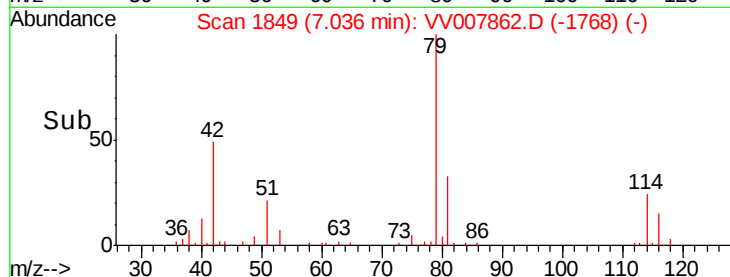
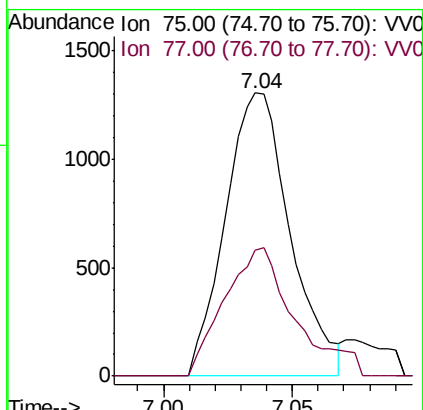
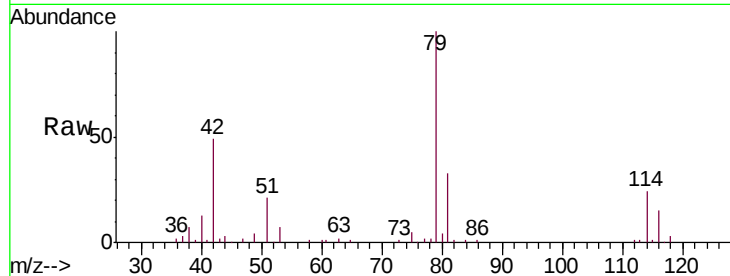




#39
 cis-1,3-Dichloropropene
 Concen: 1.191 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007862.D
 Acq: 25 Sep 2018 18:51

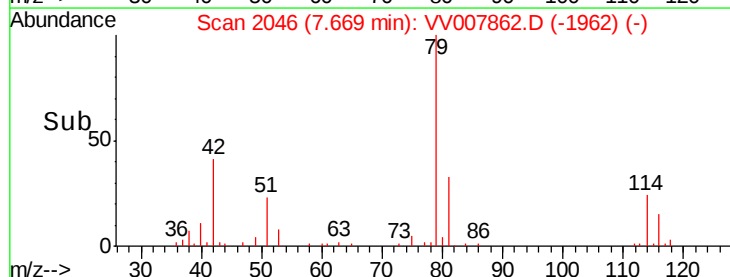
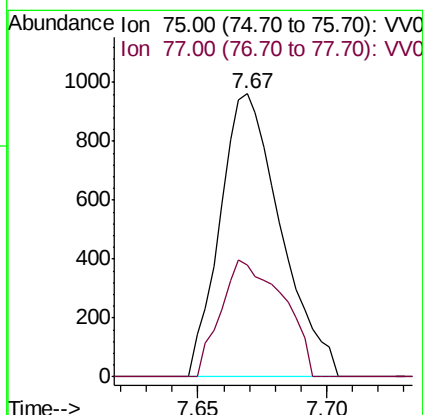
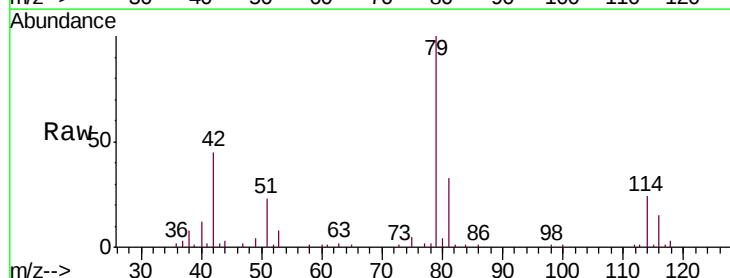
Instrument :
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 ClientSampleId :
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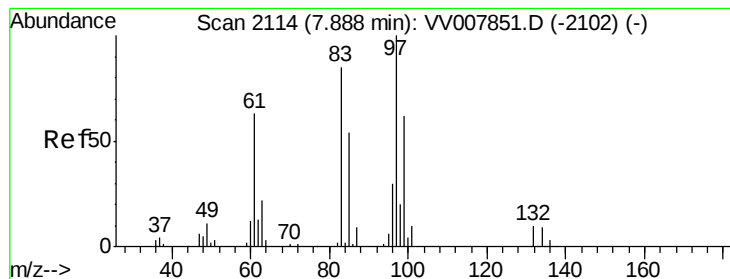
Tgt Ion: 75 Resp: 2289
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.8 42.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.829 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV007862.D
 Acq: 25 Sep 2018 18:51

Tgt Ion: 75 Resp: 1583
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 1.419 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.14 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

Instrument :

MSVOA_V

ClientSampleId :

E5FG0

Tgt Ion: 97 Resp: 1876

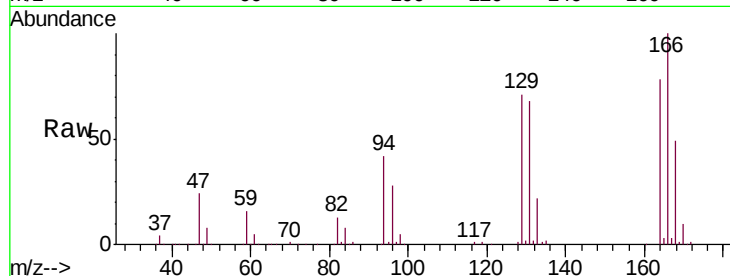
Ion Ratio Lower Upper

97 100

99 16.8 43.7 81.1#

83 228.9 59.6 110.8#

85 31.9 37.7 70.1#

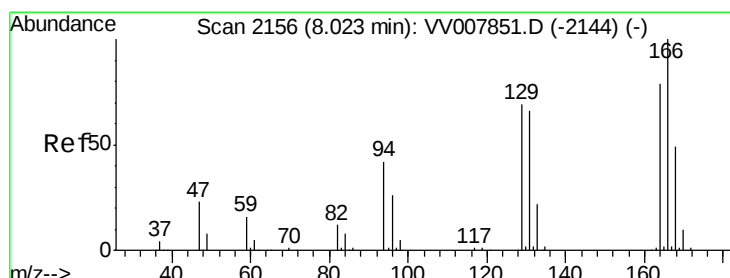
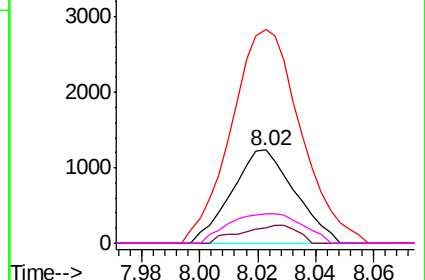
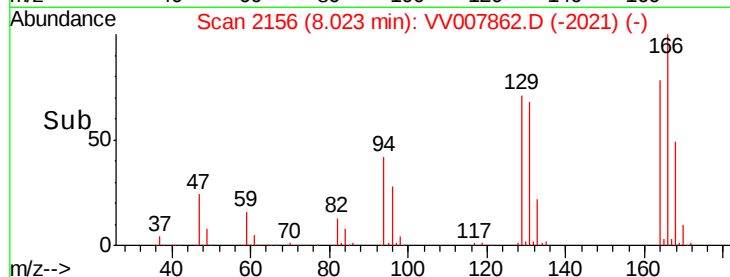


Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 200.346 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007862.D

Acq: 25 Sep 2018 18:51

Tgt Ion: 164 Resp: 264987

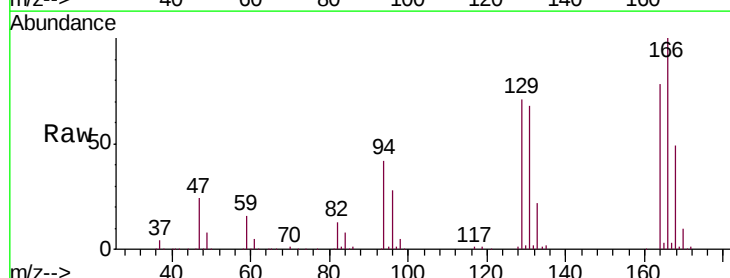
Ion Ratio Lower Upper

164 100

129 90.3 60.9 113.1

131 86.9 58.8 109.2

166 127.8 88.8 164.8

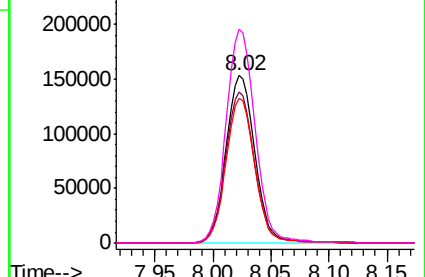
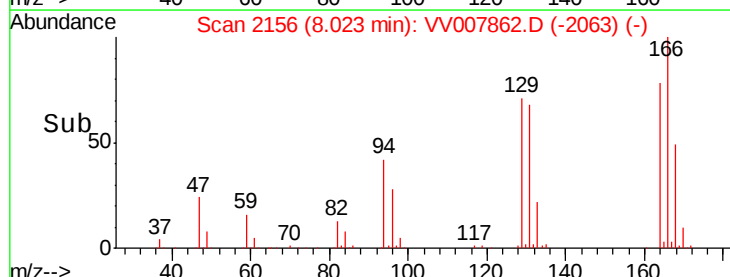


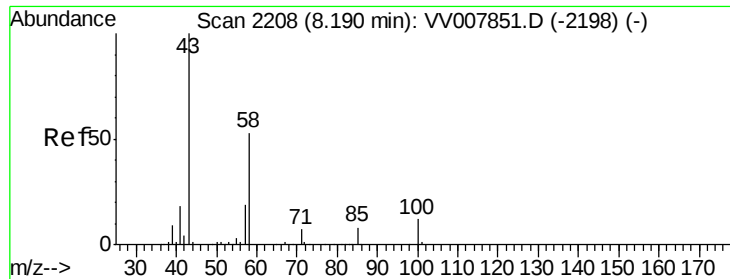
Abundance Ion 164.00 (163.70 to 164.70): V

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

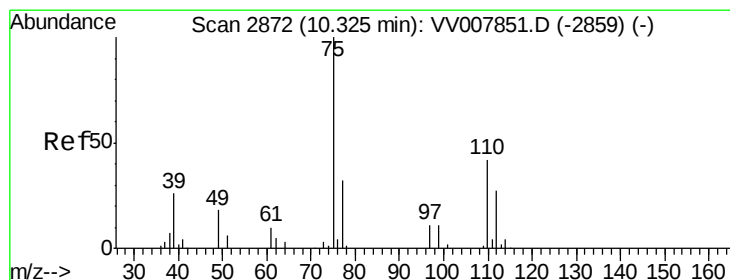
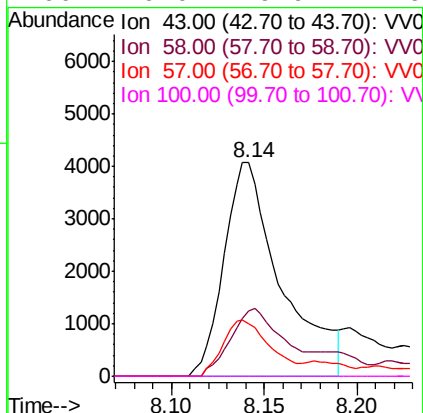
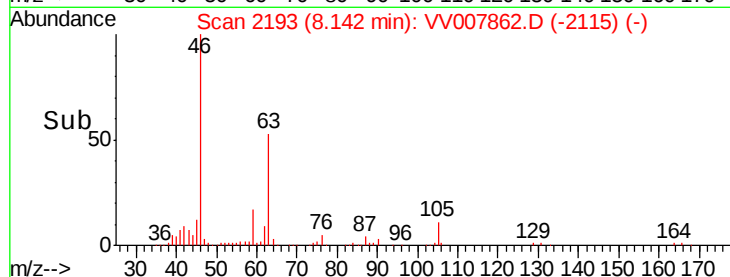
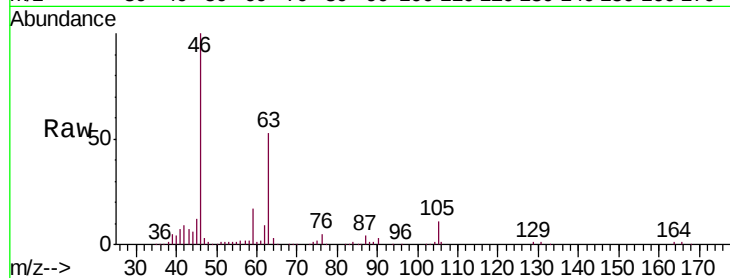




#48
 2-Hexanone
 Concen: 5.870 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007862.D
 Acq: 25 Sep 2018 18:51

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FG0

Tgt Ion: 43 Resp: 8676
 Ion Ratio Lower Upper
 43 100
 58 29.3 41.1 61.7#
 57 21.6 14.3 21.5#
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.620 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007862.D
 Acq: 25 Sep 2018 18:51

Tgt Ion: 75 Resp: 9900
 Ion Ratio Lower Upper
 75 100
 77 40.8 25.8 38.6#

