

Data File : VV007858.D
Acq On : 25 Sep 2018 17:11
Operator : SY/MD
Sample : J5045-03DL 4X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E5FE3DL

Quant Time: Sep 26 04:59:38 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	199303	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95598	50.00	ug/L	0.00

System Monitoring Compounds

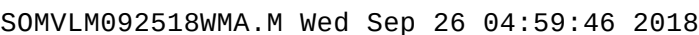
4) Vinyl Chloride-d3	1.32	65	56314	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.16%
7) Chloroethane-d5	1.59	69	51546	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.56%
11) 1,1-Dichloroethene-d2	2.14	63	94651	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.12%
21) 2-Butanone-d5	3.96	46	48448	57.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.54%
24) Chloroform-d	4.41	84	111074	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.09	65	88725	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.11	84	248334	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
36) 1,2-Dichloropropane-d6	6.13	67	78009	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.36	98	241742	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.67	79	33849	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.14	63	63399	93.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.85%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	107727	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	104101	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%

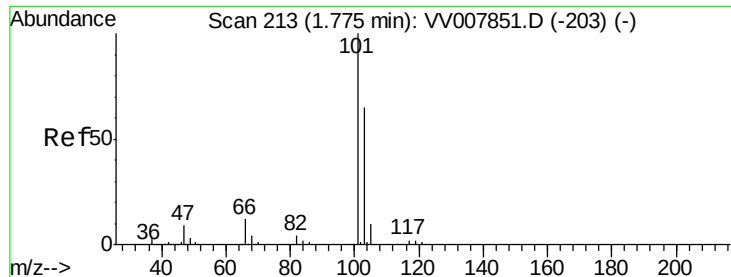
Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.14	101	900	0.368	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	900	0.659	ug/L #	19
12) 1,1-Dichloroethene	2.14	96	886	0.723	ug/L #	1
16) Methylene chloride	2.55	84	1613	1.189	ug/L	83
20) cis-1,2-Dichloroethene	3.97	96	3910	2.758	ug/L	99
22) 2-Butanone	4.00	43	5967	5.133	ug/L #	50
25) Chloroform	4.44	83	12819	4.811	ug/L	97
34) Trichloroethene	5.96	95	4960	3.486	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	1603	0.812	ug/L #	70
46) Tetrachloroethene	8.02	164	64574	47.235	ug/L	100
48) 2-Hexanone	8.14	43	7485	4.900	ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	10523	5.779	ug/L	89

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

Quant Time: Sep 26 04:59:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.368 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.37 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

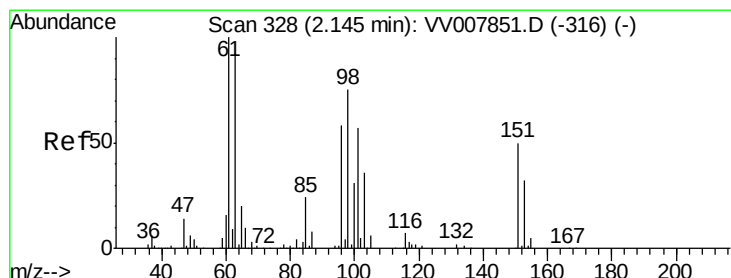
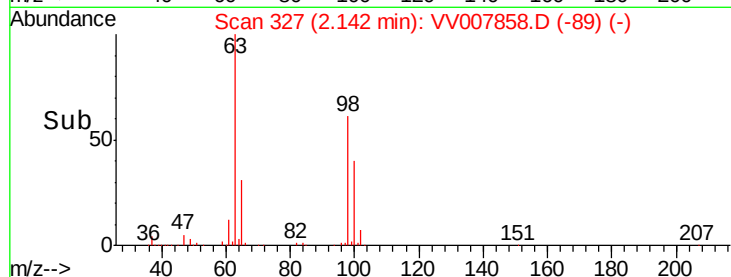
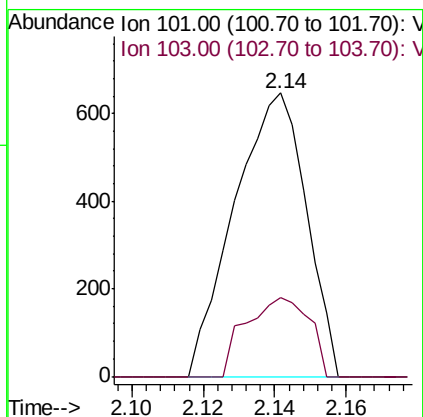
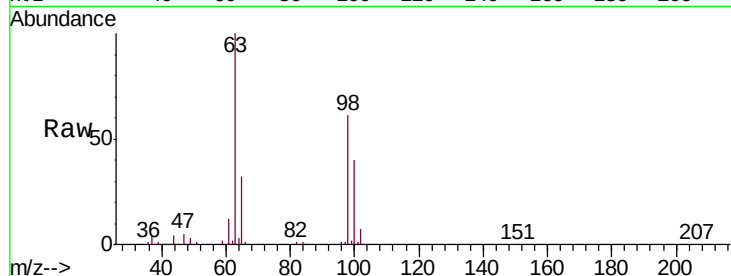
E5FE3DL

Tgt Ion:101 Resp: 900

Ion Ratio Lower Upper

101 100

103 19.4 52.4 78.6#



#10

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

Concen: 0.659 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

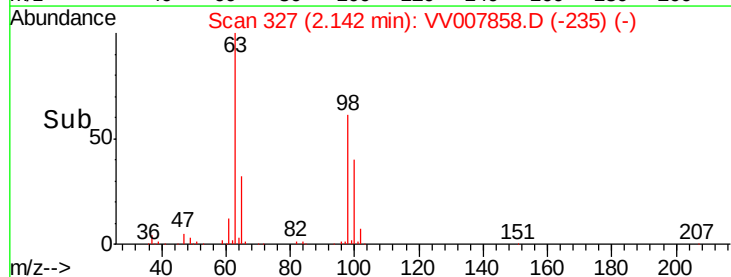
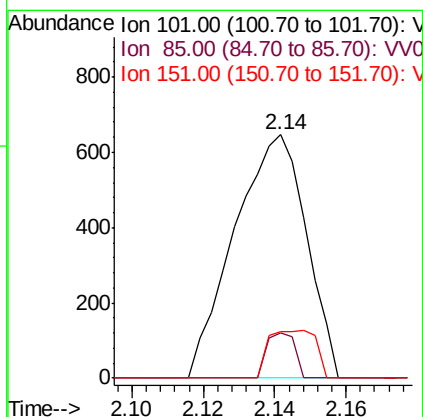
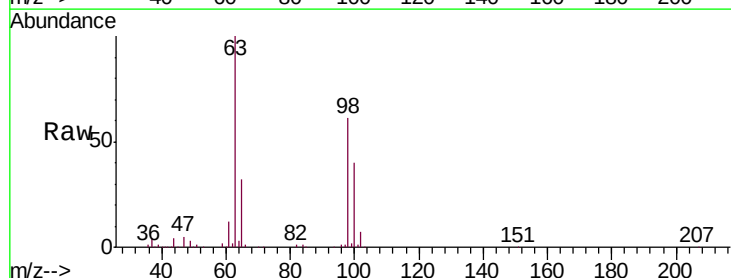
Tgt Ion:101 Resp: 900

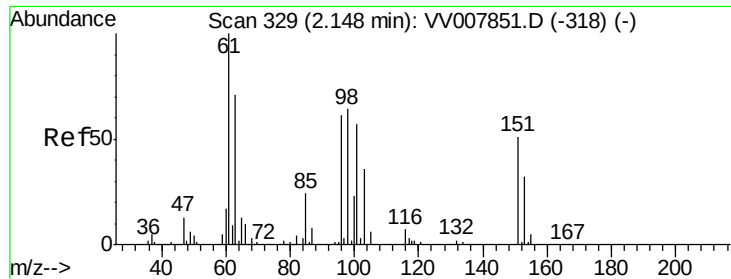
Ion Ratio Lower Upper

101 100

85 7.2 34.2 51.2#

151 0.0 69.7 104.5#





#12

1,1-Dichloroethene

Concen: 0.723 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

E5FE3DL

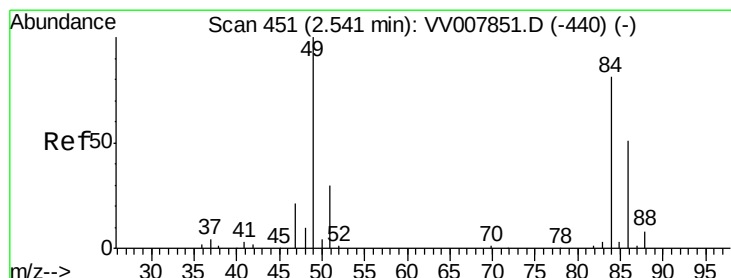
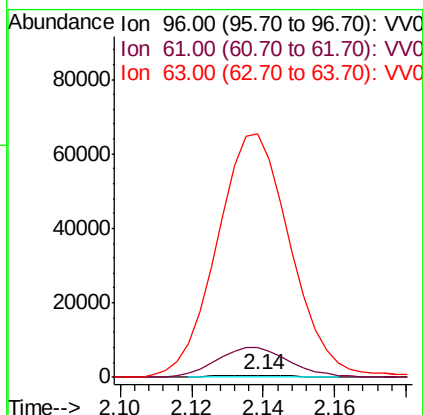
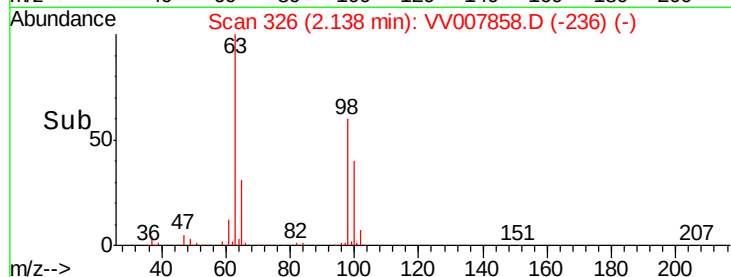
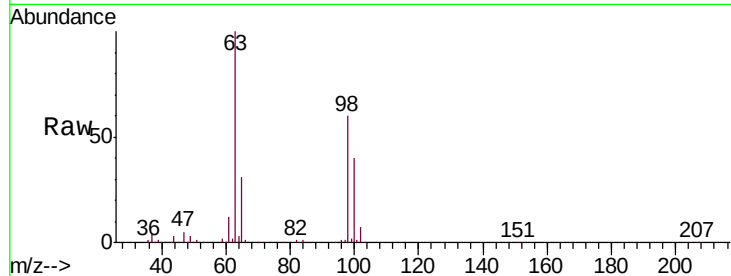
Tgt Ion: 96 Resp: 886

Ion Ratio Lower Upper

96 100

61 1302.5 116.1 215.7#

63 10751.3 86.5 160.7#



#16

Methylene chloride

Concen: 1.189 ug/L

RT: 2.55 min Scan# 453

Delta R.T. 0.01 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

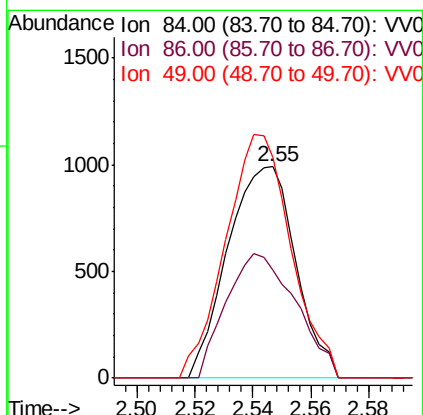
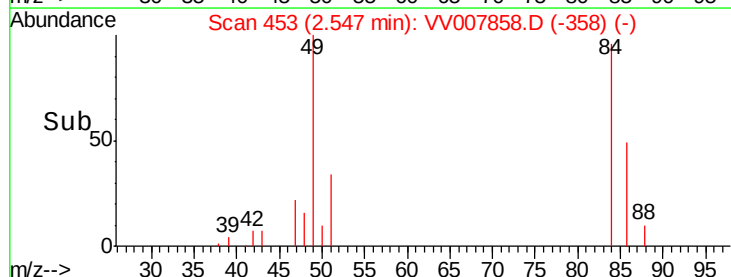
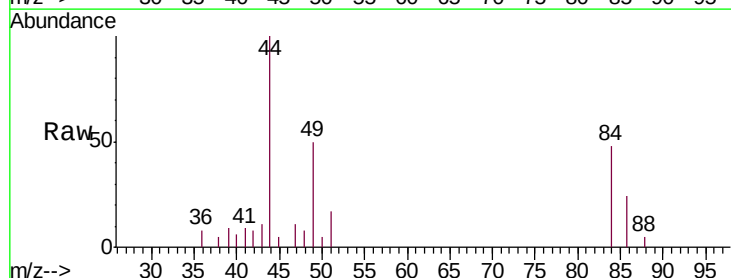
Tgt Ion: 84 Resp: 1613

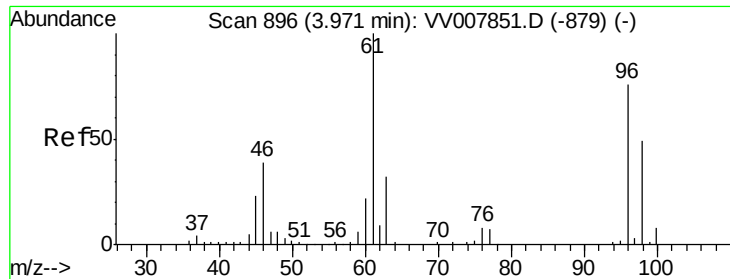
Ion Ratio Lower Upper

84 100

86 50.9 44.4 82.4

49 104.1 86.8 161.2

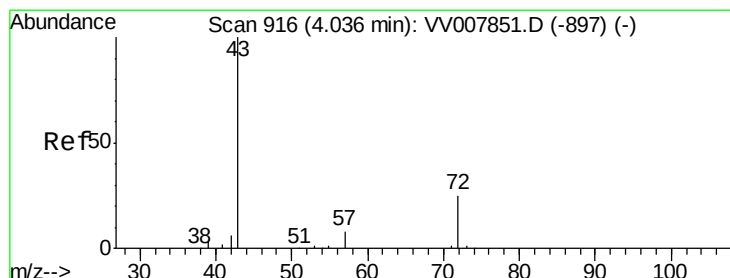
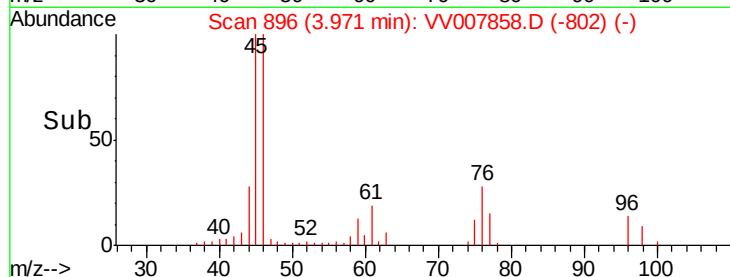
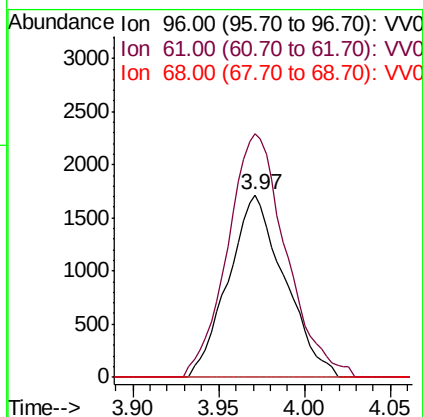
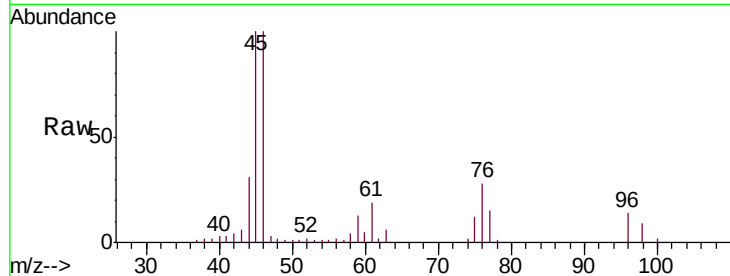




#20
 cis-1,2-Dichloroethene
 Concen: 2.758 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007858.D
 Acq: 25 Sep 2018 17:11

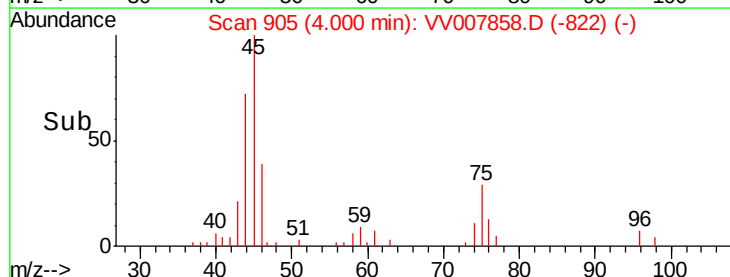
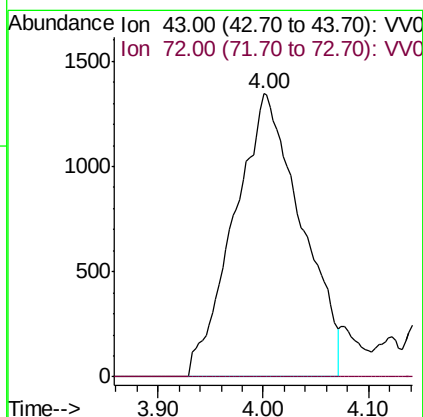
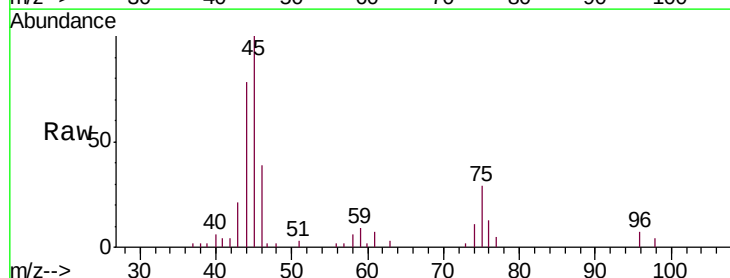
Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3DL

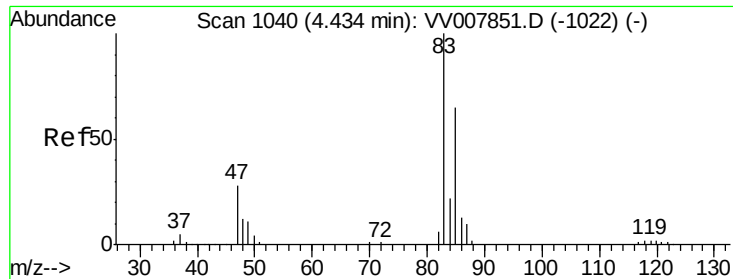
Tgt Ion: 96 Resp: 3910
 Ion Ratio Lower Upper
 96 100
 61 133.4 92.6 172.0
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 5.133 ug/L
 RT: 4.00 min Scan# 905
 Delta R.T. -0.03 min
 Lab File: VV007858.D
 Acq: 25 Sep 2018 17:11

Tgt Ion: 43 Resp: 5967
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.4 37.2#

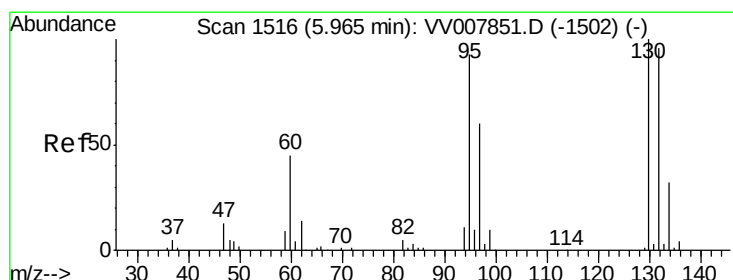
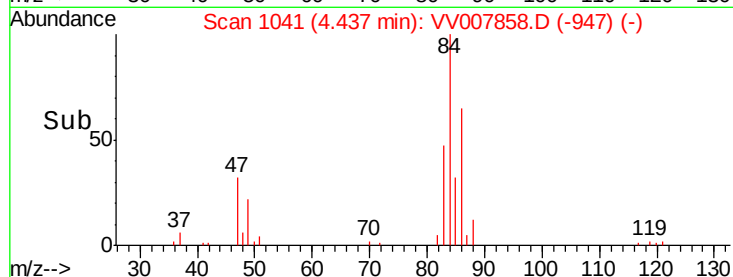
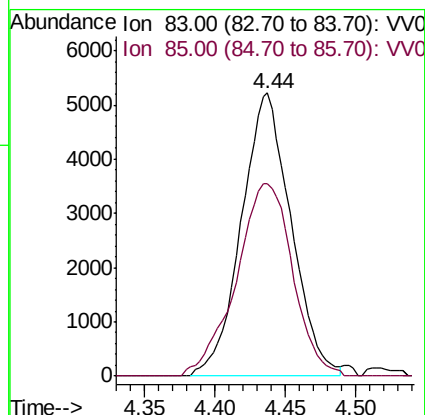
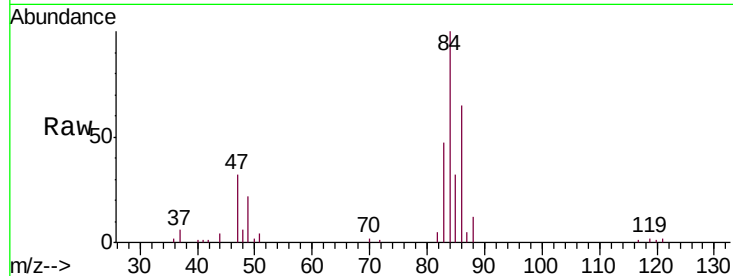




#25
Chloroform
Concen: 4.811 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007858.D
Acq: 25 Sep 2018 17:11

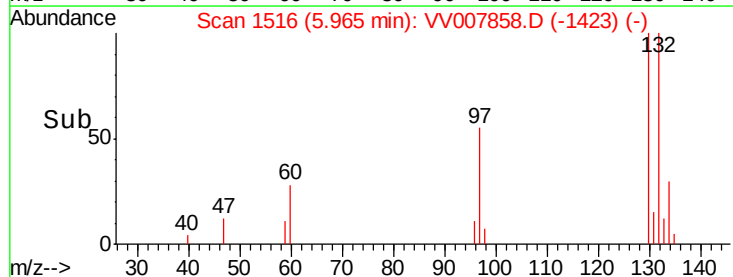
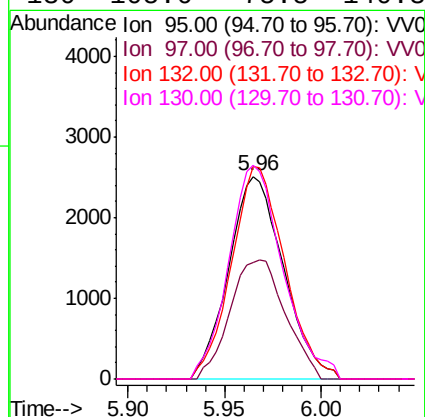
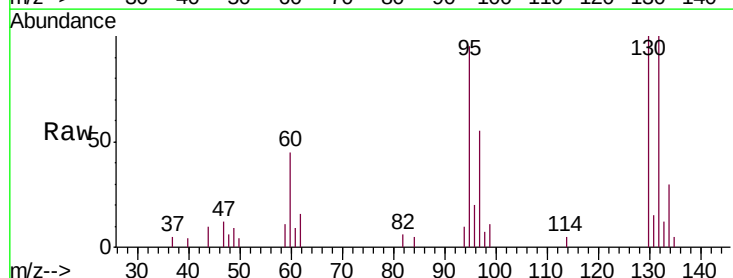
Instrument :
MSVOA_V
ClientSampleId :
E5FE3DL

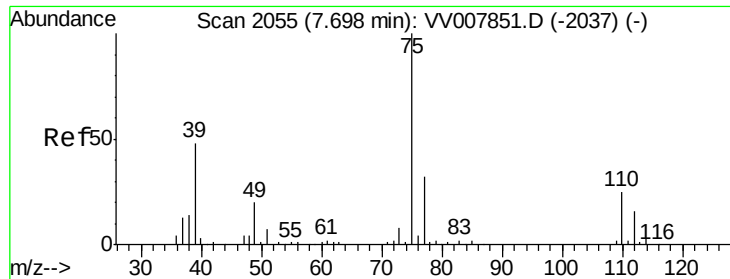
Tgt Ion: 83 Resp: 12819
Ion Ratio Lower Upper
83 100
85 68.0 45.9 85.3



#34
Trichloroethene
Concen: 3.486 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV007858.D
Acq: 25 Sep 2018 17:11

Tgt Ion: 95 Resp: 4960
Ion Ratio Lower Upper
95 100
97 57.7 45.4 84.2
132 105.3 72.2 134.0
130 105.6 75.5 140.3





#44

trans-1,3-Dichloropropene

Concen: 0.812 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

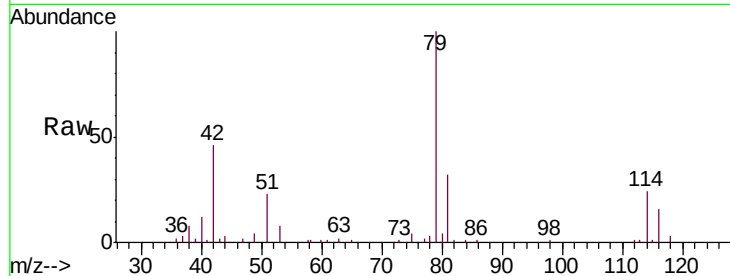
E5FE3DL

Tgt Ion: 75 Resp: 1603

Ion Ratio Lower Upper

75 100

77 49.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV007851.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV007851.D (-2037) (-)

7.67

800

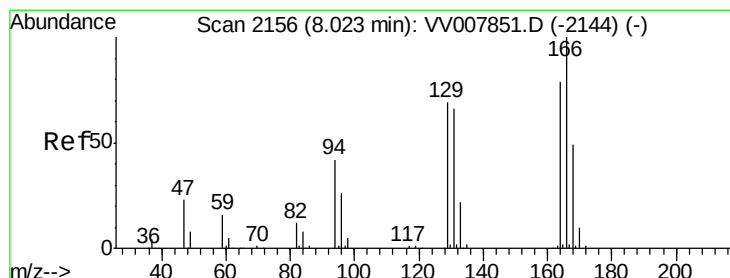
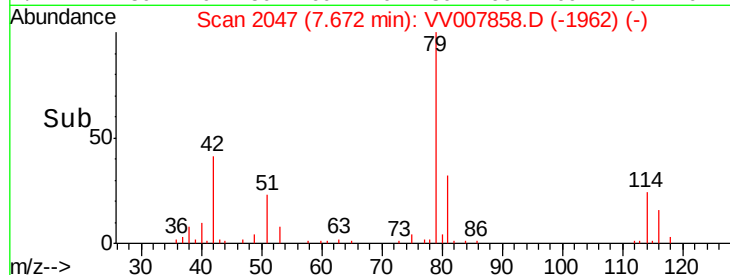
600

400

200

0

Time--> 7.62 7.64 7.66 7.68 7.70



#46

Tetrachloroethene

Concen: 47.235 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV007858.D

Acq: 25 Sep 2018 17:11

Tgt Ion: 164 Resp: 64574

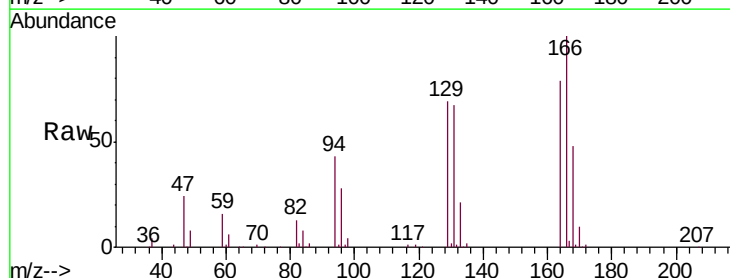
Ion Ratio Lower Upper

164 100

129 87.5 60.9 113.1

131 85.0 58.8 109.2

166 126.9 88.8 164.8



Abundance Ion 164.00 (163.70 to 164.70): VV007851.D (-2144) (-)

Ion 129.00 (128.70 to 129.70): VV007851.D (-2144) (-)

Ion 131.00 (130.70 to 131.70): VV007851.D (-2144) (-)

Ion 166.00 (165.70 to 166.70): VV007851.D (-2144) (-)

8.02

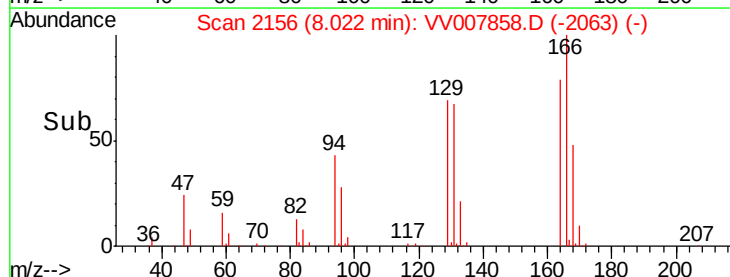
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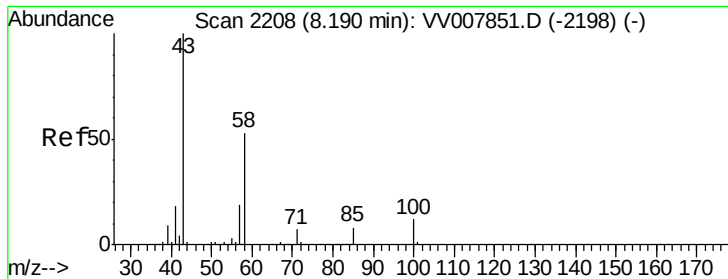
40000

20000

0

Time--> 7.95 8.00 8.05 8.10

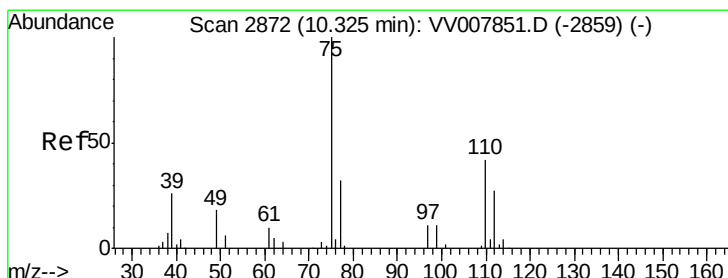
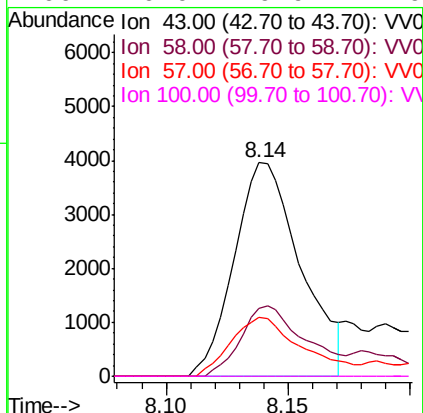
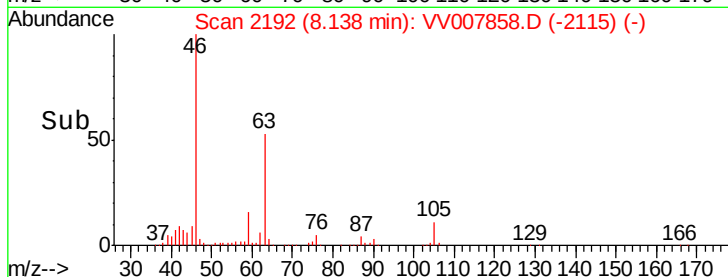
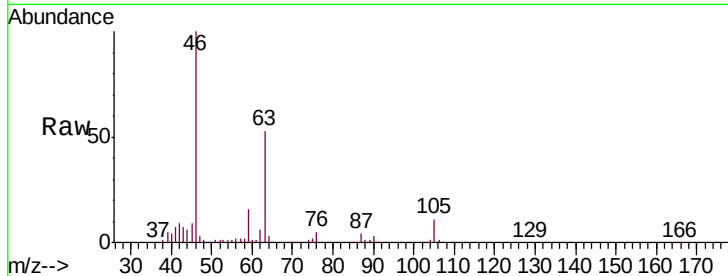




#48
 2-Hexanone
 Concen: 4.900 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV007858.D
 Acq: 25 Sep 2018 17:11

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE3DL

Tgt Ion: 43 Resp: 7485
 Ion Ratio Lower Upper
 43 100
 58 32.4 41.1 61.7#
 57 30.0 14.3 21.5#
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.779 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007858.D
 Acq: 25 Sep 2018 17:11

Tgt Ion: 75 Resp: 10523
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.8 38.6

