

Data File : VV007857.D
Acq On : 25 Sep 2018 16:46
Operator : SY/MD
Sample : J5043-19DL 5X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E5FF9DL

Quant Time: Sep 26 04:59:29 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	201997	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56825	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.76%
7) Chloroethane-d5	1.59	69	51544	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.14	63	95600	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.86%
21) 2-Butanone-d5	3.95	46	52845	61.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.92%
24) Chloroform-d	4.41	84	111396	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
26) 1,2-Dichloroethane-d4	5.09	65	87337	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.10	84	242640	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.12	67	77198	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.04%
41) Toluene-d8	7.36	98	238904	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.67	79	33919	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.14	63	57609	83.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104305	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	103433	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

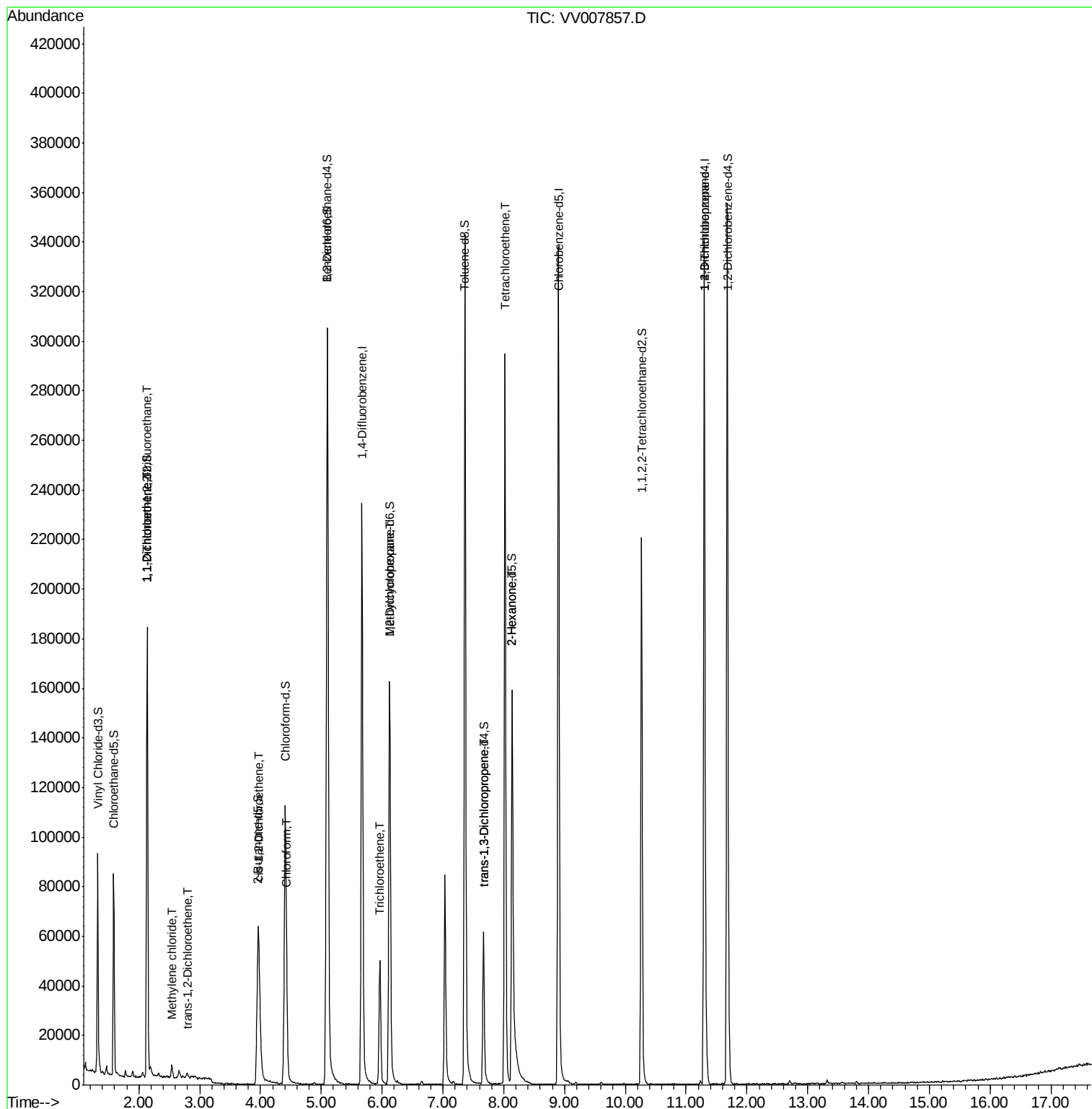
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	963	0.695 ug/L #	20
12) 1,1-Dichloroethene	2.14	96	803	0.646 ug/L #	1
16) Methylene chloride	2.54	84	2055	1.494 ug/L	97
17) trans-1,2-Dichloroethene	2.80	96	675	0.509 ug/L	79
20) cis-1,2-Dichloroethene	3.97	96	12882	8.966 ug/L	97
25) Chloroform	4.44	83	11287	4.179 ug/L	97
34) Trichloroethene	5.96	95	16878	11.682 ug/L	97
35) Methylcyclohexane	6.13	83	18737	8.266 ug/L #	19
44) trans-1,3-Dichloropropene	7.67	75	2020	1.008 ug/L	84
46) Tetrachloroethene	8.02	164	69367	49.965 ug/L	98
48) 2-Hexanone	8.14	43	7780	5.015 ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	10739	5.808 ug/L	89

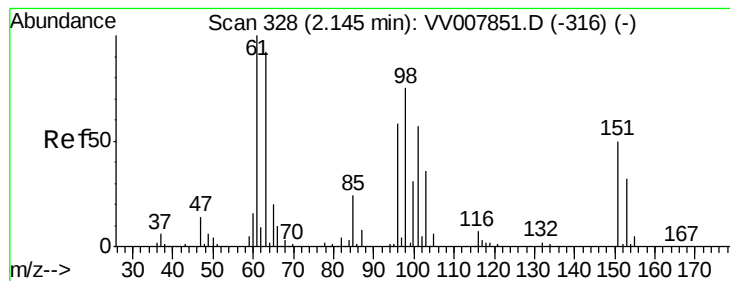
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.695 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007857.D

Acq: 25 Sep 2018 16:46

Instrument :

MSVOA_V

ClientSampleId :

E5FF9DL

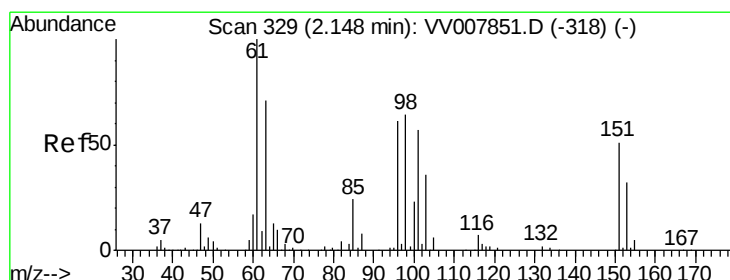
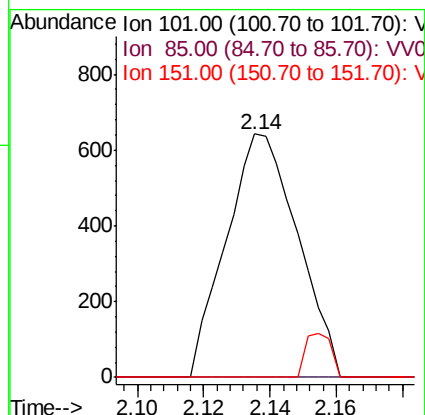
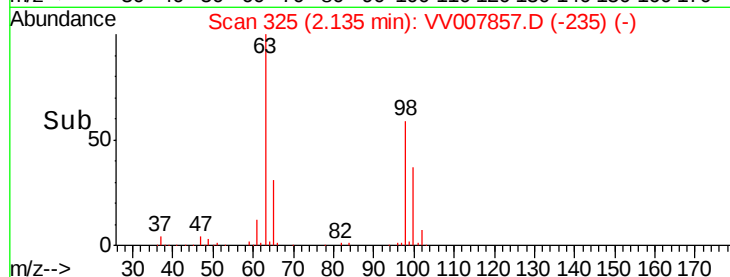
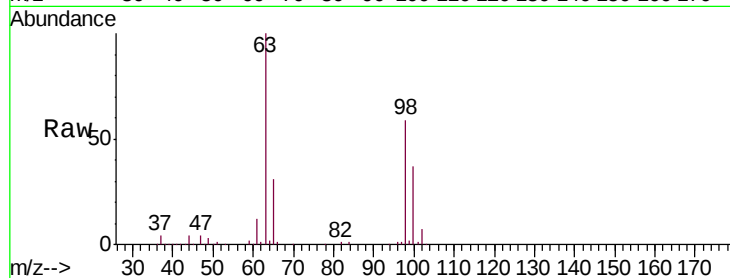
Tgt Ion:101 Resp: 963

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 6.5 69.7 104.5#



#12

1,1-Dichloroethene

Concen: 0.646 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007857.D

Acq: 25 Sep 2018 16:46

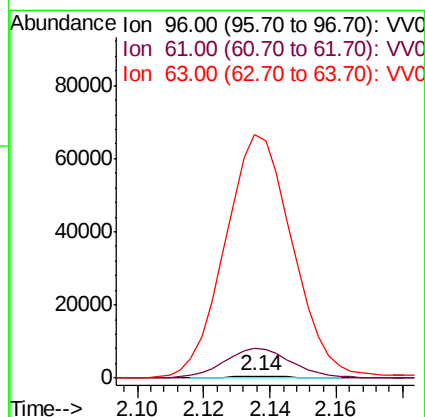
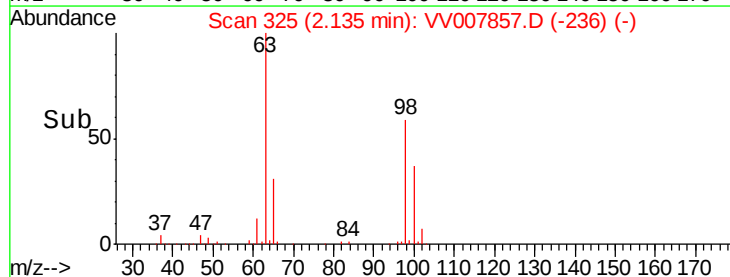
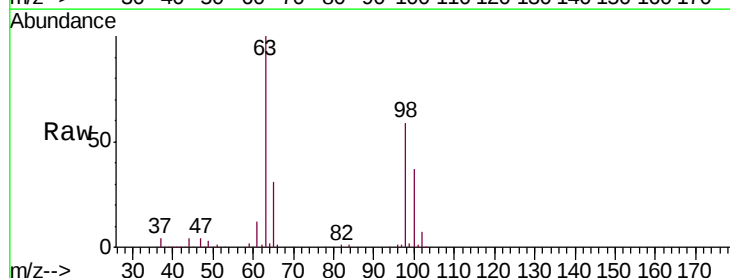
Tgt Ion: 96 Resp: 803

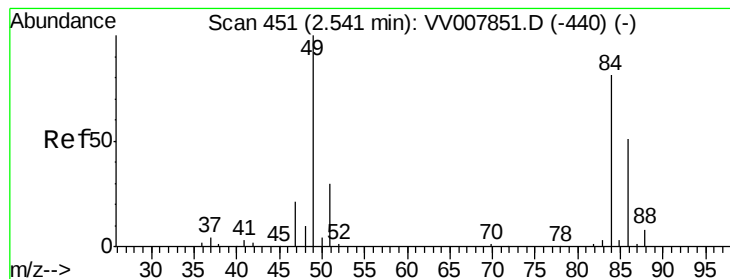
Ion Ratio Lower Upper

96 100

61 1424.7 116.1 215.7#

63 11761.1 86.5 160.7#





#16

Methylene chloride

Concen: 1.494 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV007857.D

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Instrument :

MSVOA_V

ClientSampleId :

E5FF9DL

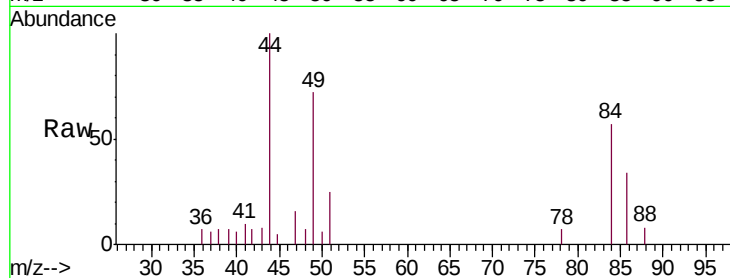
Tgt Ion: 84 Resp: 2055

Ion Ratio Lower Upper

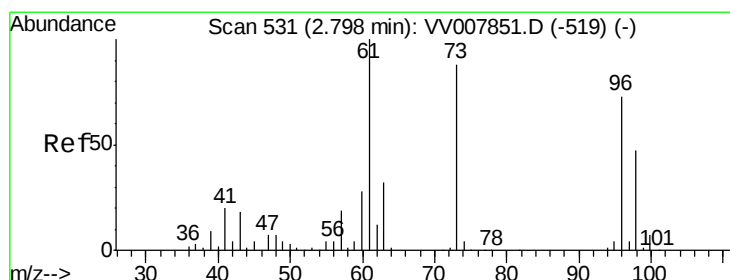
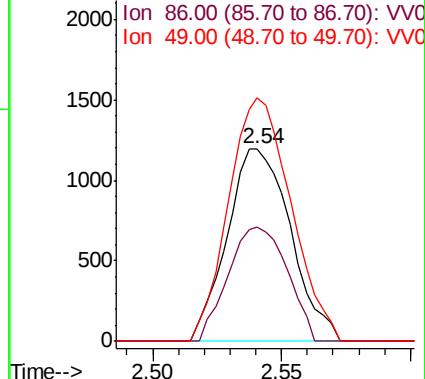
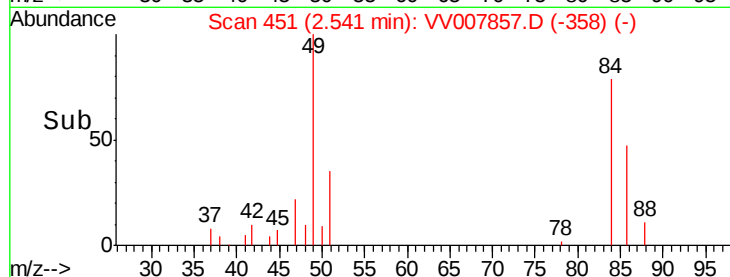
84 100

86 59.1 44.4 82.4

49 126.4 86.8 161.2



Abundance Ion 84.00 (83.70 to 84.70): VV007857.D (-358) (-)



#17

trans-1,2-Dichloroethene

Concen: 0.509 ug/L

RT: 2.80 min Scan# 532

Delta R.T. 0.01 min

Lab File: VV007857.D

Acq: 25 Sep 2018 16:46

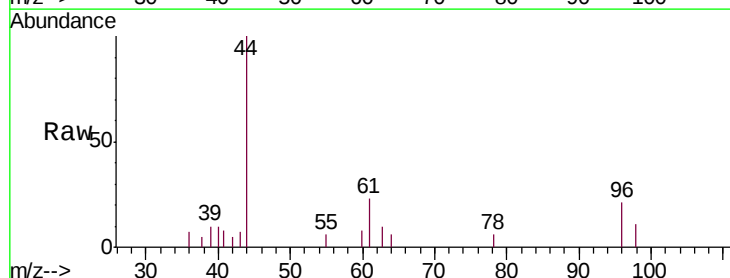
Tgt Ion: 96 Resp: 675

Ion Ratio Lower Upper

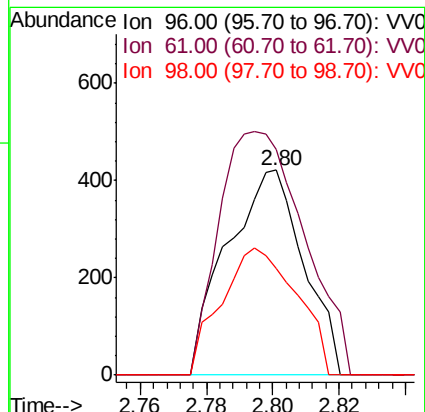
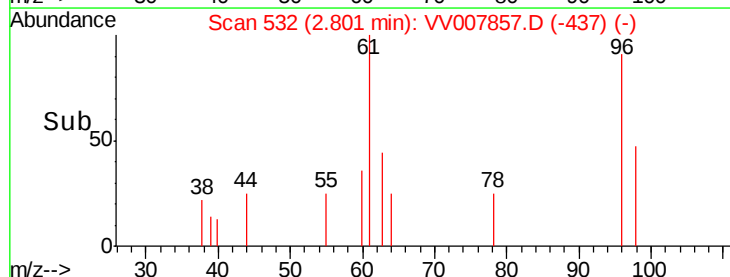
96 100

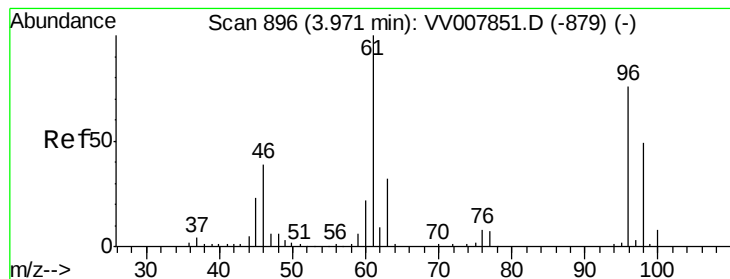
61 110.5 96.8 179.8

98 52.0 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VV007857.D (-437) (-)



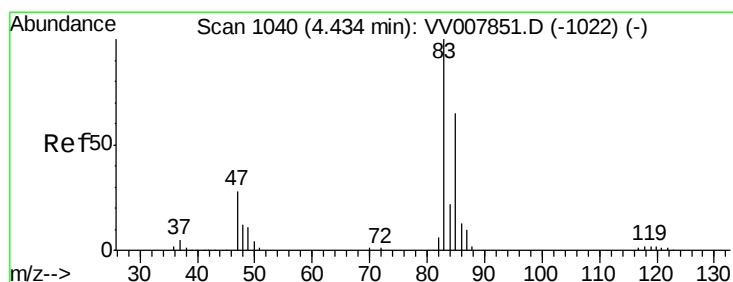
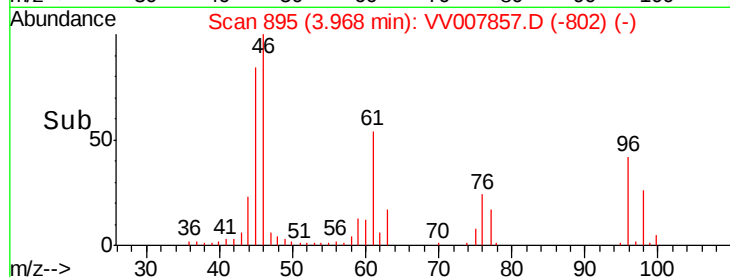
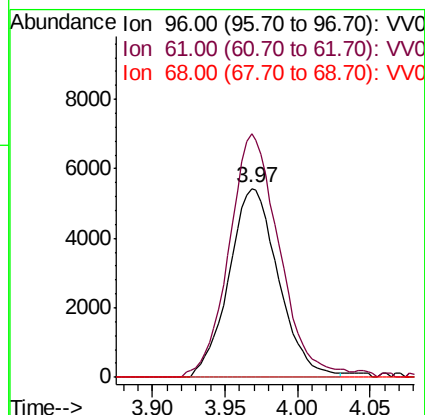
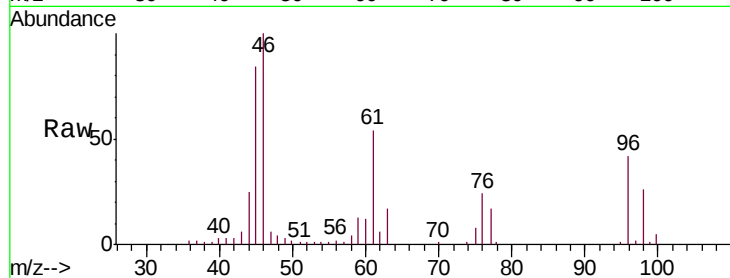


#20

cis-1,2-Dichloroethene
 Concen: 8.966 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007857.D
 Acq: 25 Sep 2018 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF9DL

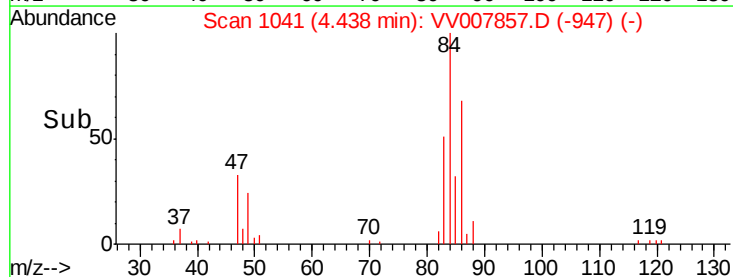
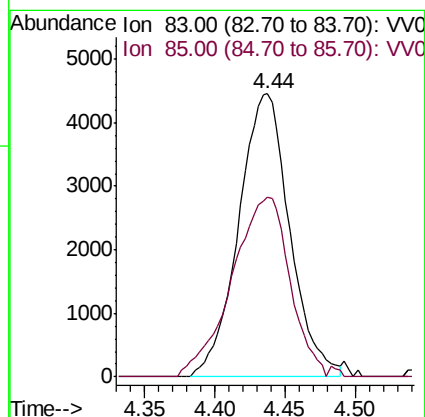
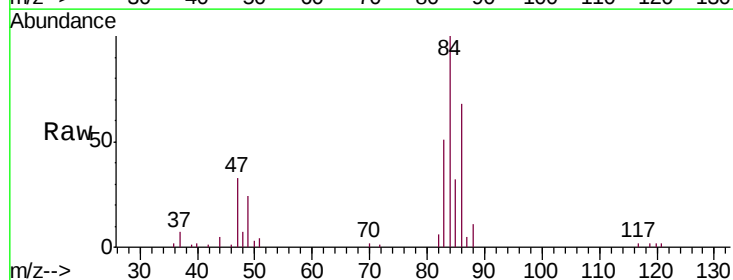
Tgt Ion: 96 Resp: 12882
 Ion Ratio Lower Upper
 96 100
 61 129.0 92.6 172.0
 68 0.0 0.0 0.0

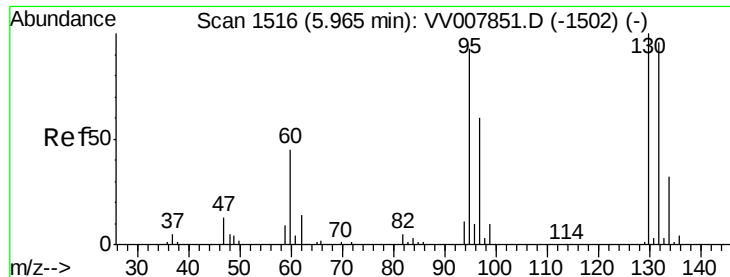


#25

Chloroform
 Concen: 4.179 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VV007857.D
 Acq: 25 Sep 2018 16:46

Tgt Ion: 83 Resp: 11287
 Ion Ratio Lower Upper
 83 100
 85 63.4 45.9 85.3





#34

Trichloroethene

Concen: 11.682 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007857.D

Acq: 25 Sep 2018 16:46

Instrument :

MSVOA_V

ClientSampled :

E5FF9DL

Tgt Ion: 95 Resp: 16878

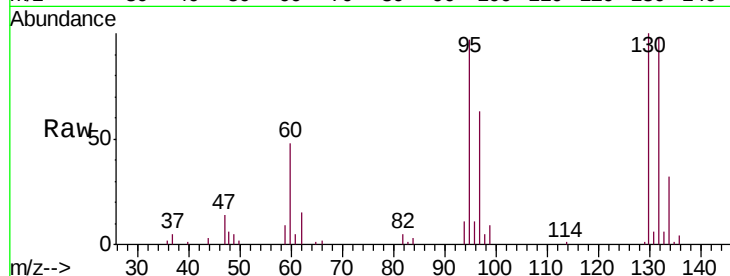
Ion Ratio Lower Upper

95 100

97 65.0 45.4 84.2

132 101.3 72.2 134.0

130 103.0 75.5 140.3

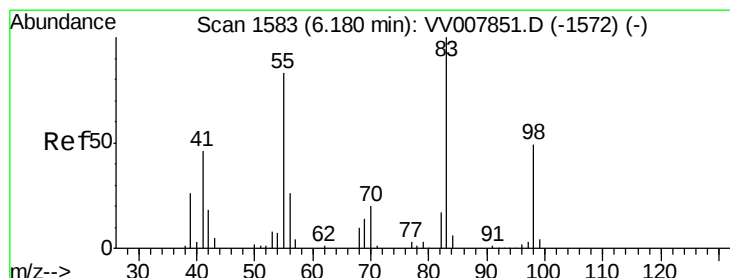
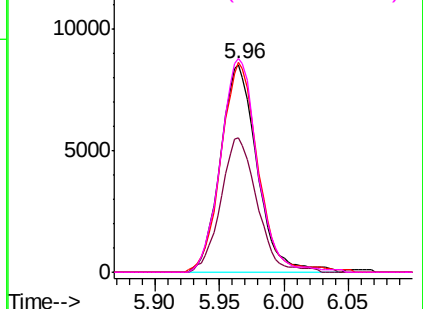
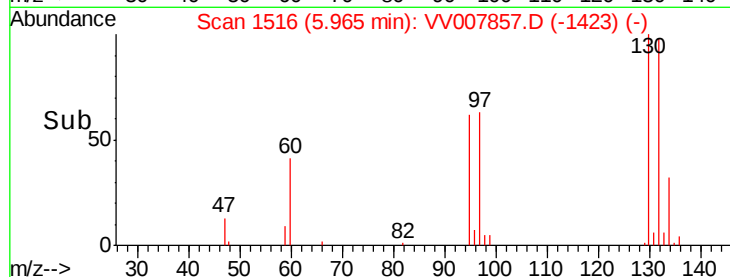


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 8.266 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007857.D

Acq: 25 Sep 2018 16:46

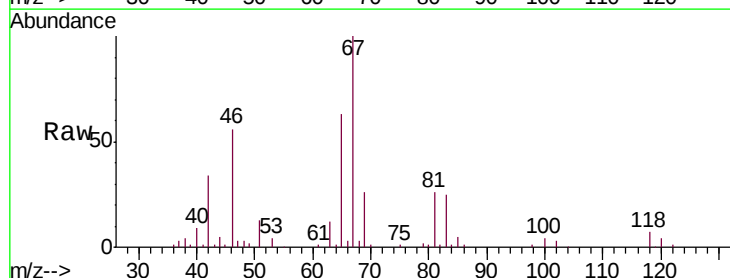
Tgt Ion: 83 Resp: 18737

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

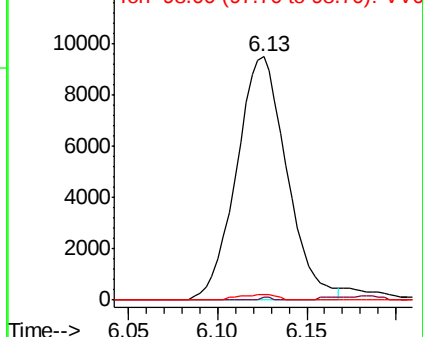
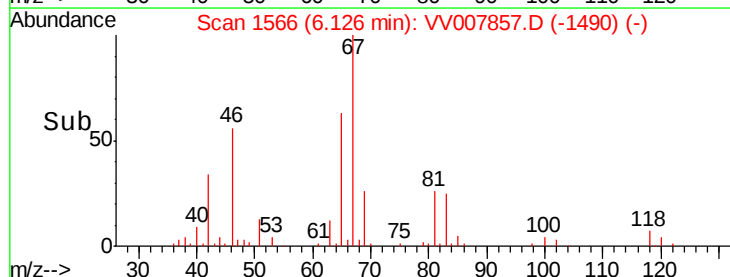
98 1.7 37.6 56.4#

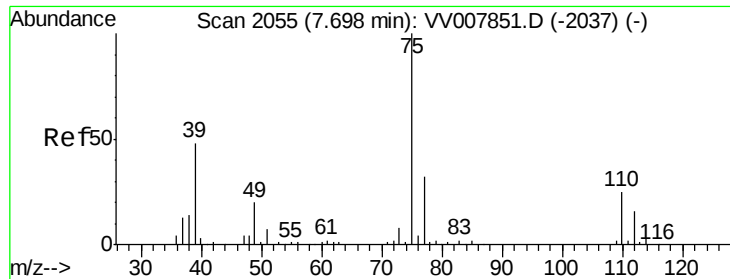


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

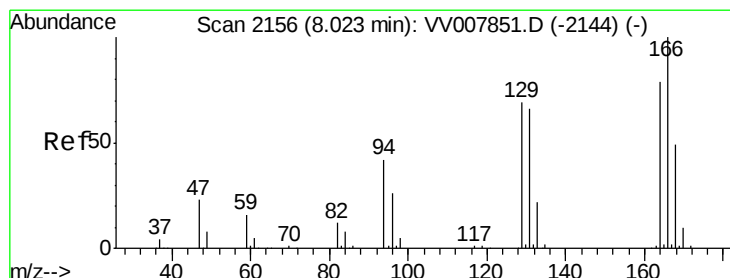
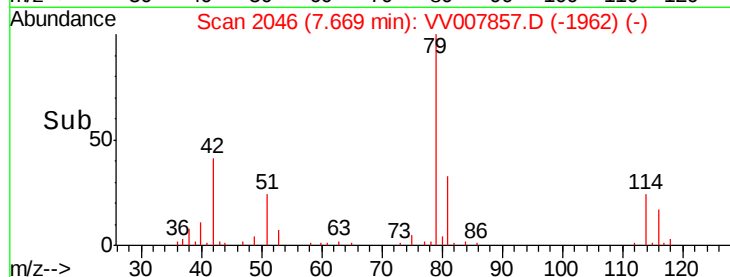
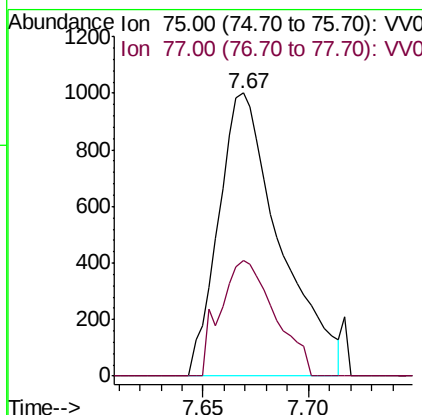
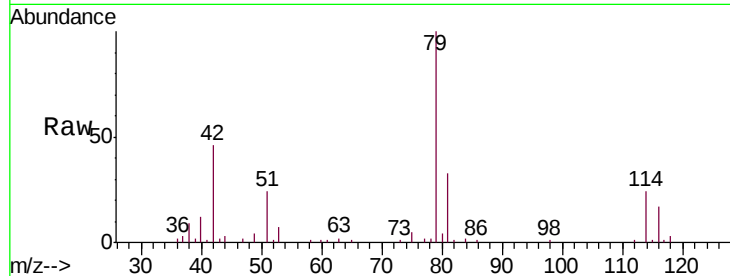




#44
trans-1,3-Dichloropropene
Concen: 1.008 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007857.D
Acq: 25 Sep 2018 16:46

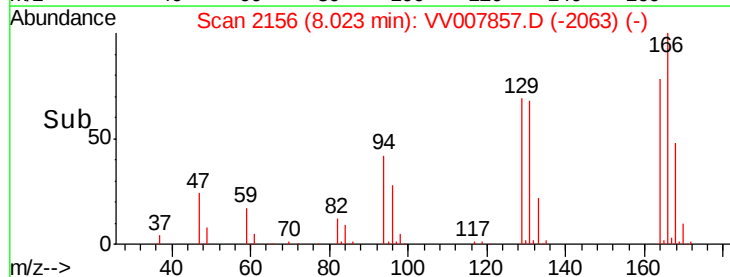
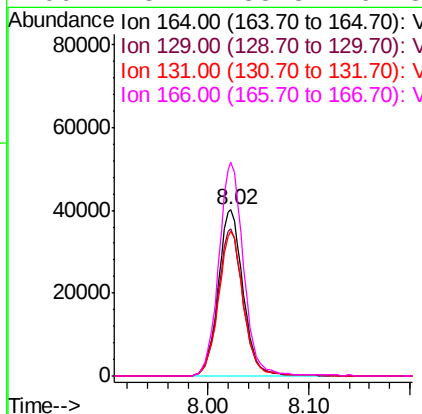
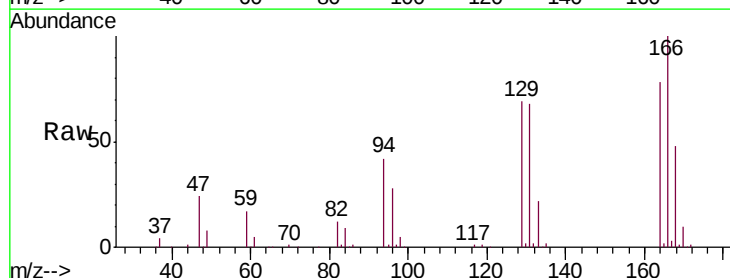
Instrument :
MSVOA_V
ClientSampled :
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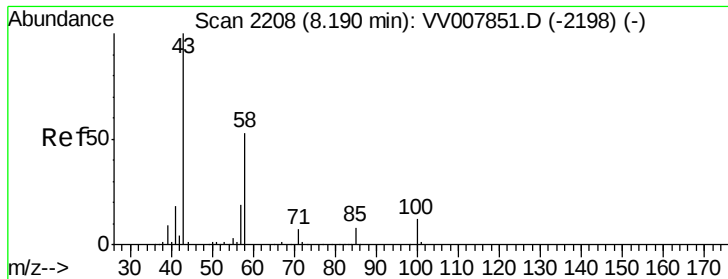
Tgt Ion: 75 Resp: 2020
Ion Ratio Lower Upper
75 100
77 41.0 22.5 41.9



#46
Tetrachloroethene
Concen: 49.965 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007857.D
Acq: 25 Sep 2018 16:46

Tgt Ion: 164 Resp: 69367
Ion Ratio Lower Upper
164 100
129 88.8 60.9 113.1
131 87.0 58.8 109.2
166 128.4 88.8 164.8

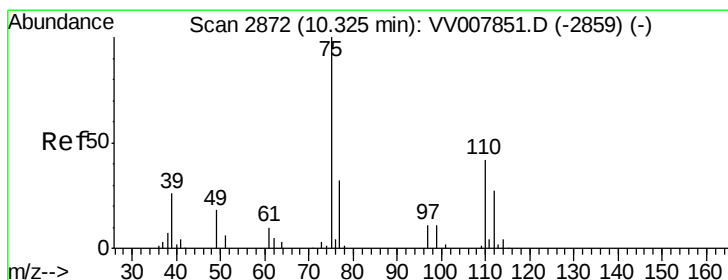
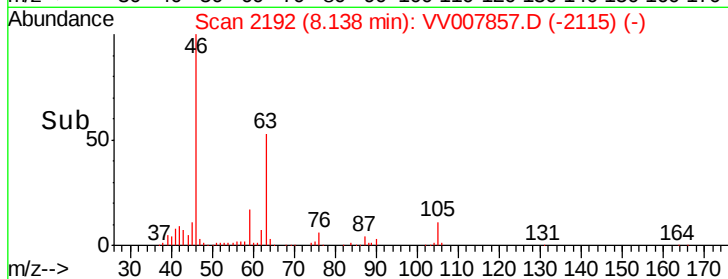
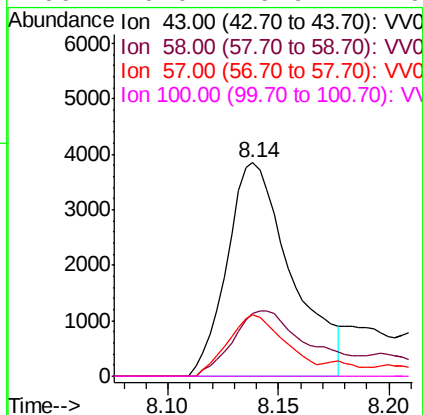
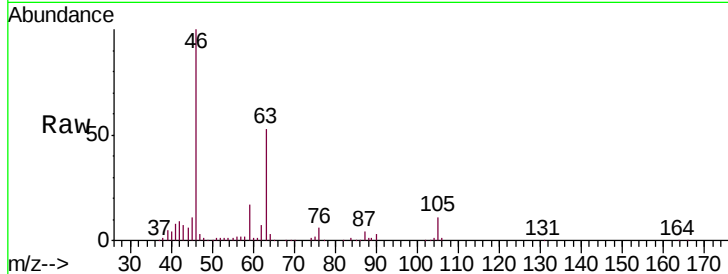




#48
 2-Hexanone
 Concen: 5.015 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV007857.D
 Acq: 25 Sep 2018 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF9DL

Tgt Ion: 43 Resp: 7780
 Ion Ratio Lower Upper
 43 100
 58 36.8 41.1 61.7#
 57 25.7 14.3 21.5#
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.808 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007857.D
 Acq: 25 Sep 2018 16:46

Tgt Ion: 75 Resp: 10739
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.8 38.6

