

Data File : VV007861.D
Acq On : 25 Sep 2018 18:26
Operator : SY/MD
Sample : J5043-09
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E5FE9

Quant Time: Sep 26 05:00:09 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	202648	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54712	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.14%
7) Chloroethane-d5	1.59	69	51204	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.36%
11) 1,1-Dichloroethene-d2	2.14	63	92952	34.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.68%
21) 2-Butanone-d5	3.95	46	51789	60.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.49%
24) Chloroform-d	4.41	84	113151	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.09	65	89799	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.46%
32) Benzene-d6	5.11	84	247864	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.13	67	78699	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.88%
41) Toluene-d8	7.36	98	240945	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.67	79	34561	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.28%
47) 2-Hexanone-d5	8.14	63	64216	94.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	108578	45.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	104656	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%

Target Compounds

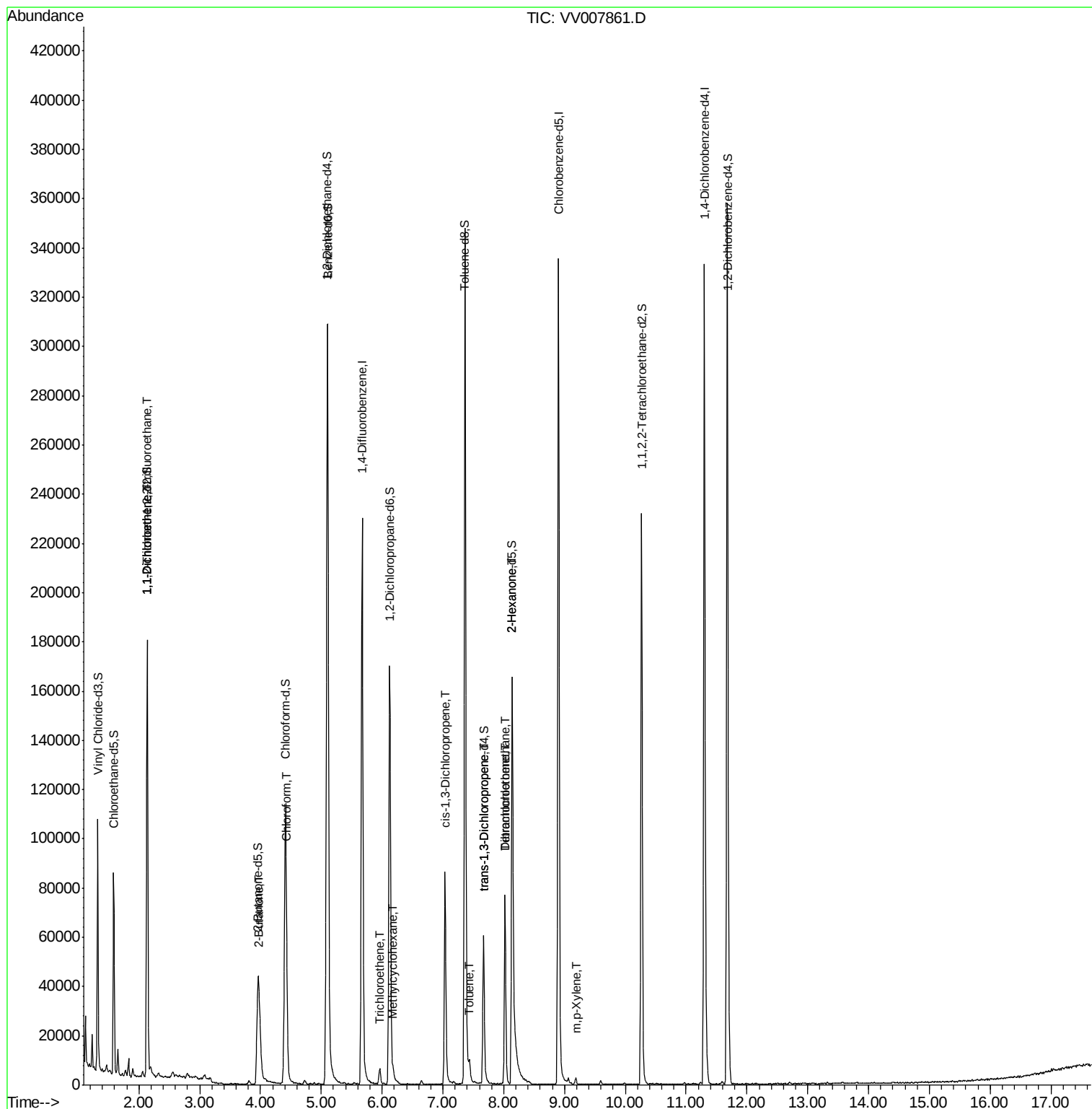
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1112	0.800	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	819	0.657	ug/L #	1
22) 2-Butanone	3.99	43	2519	2.131	ug/L #	50
25) Chloroform	4.43	83	11940	4.407	ug/L	98
34) Trichloroethene	5.96	95	1515	1.059	ug/L	96
35) Methylcyclohexane	6.18	83	1576	0.702	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	2506	1.255	ug/L #	68
42) Toluene	7.44	91	4122	0.710	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	1874	0.945	ug/L	94
46) Tetrachloroethene	8.02	164	18428	13.409	ug/L	98
48) 2-Hexanone	8.14	43	8471	5.516	ug/L #	75
49) Dibromochloromethane	8.02	129	14687	9.775	ug/L #	10
53) m,p-Xylene	9.19	106	1030	0.412	ug/L	76

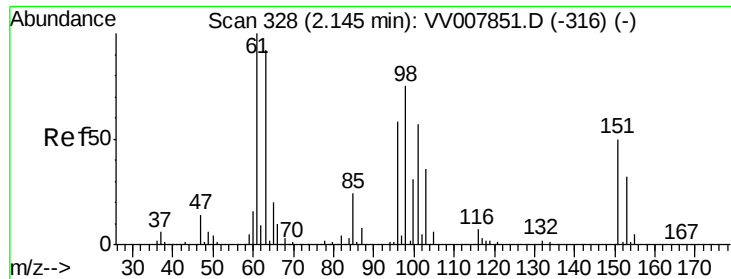
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.800 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

Instrument :

MSVOA_V

ClientSampleId :

E5FE9

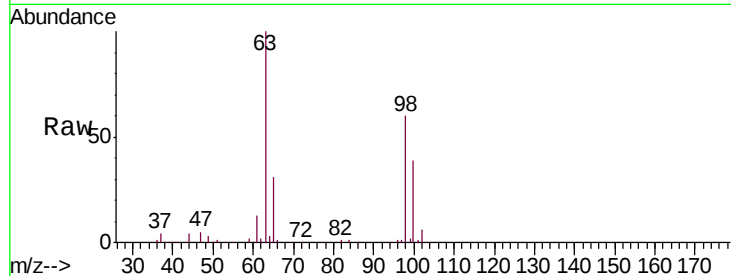
Tgt Ion: 101 Resp: 1112

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

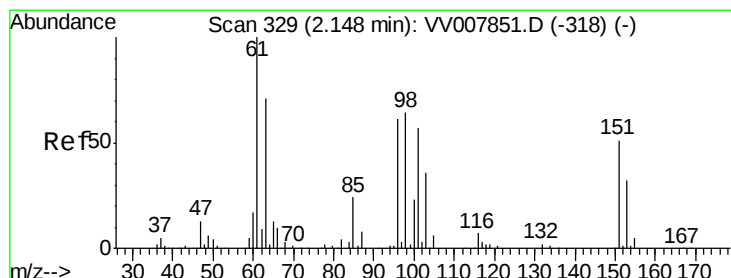
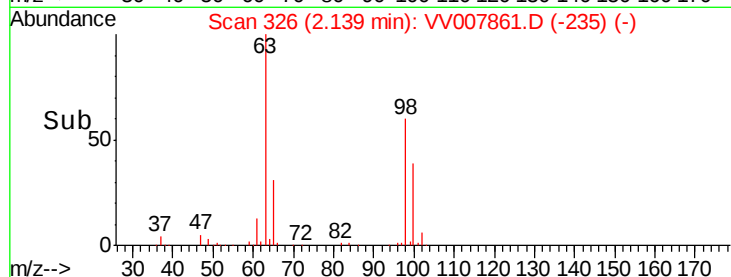
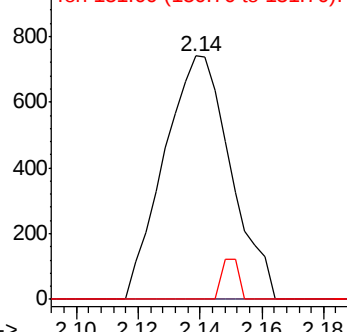
151 4.2 69.7 104.5#



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: 0.657 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

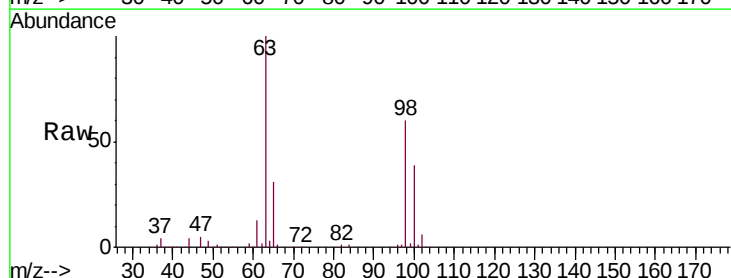
Tgt Ion: 96 Resp: 819

Ion Ratio Lower Upper

96 100

61 1377.1 116.1 215.7#

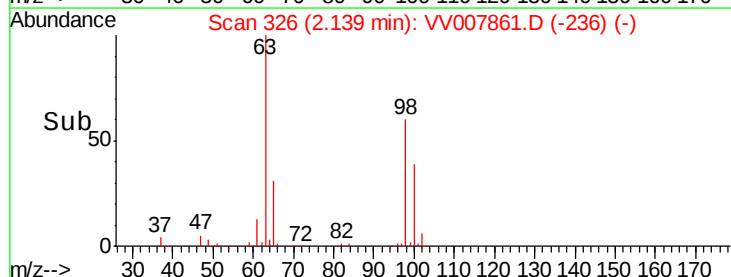
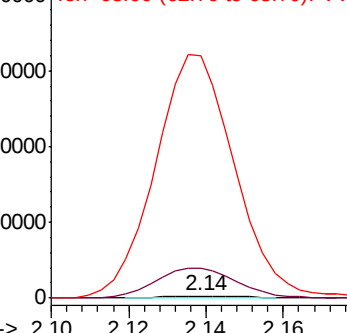
63 11001.7 86.5 160.7#

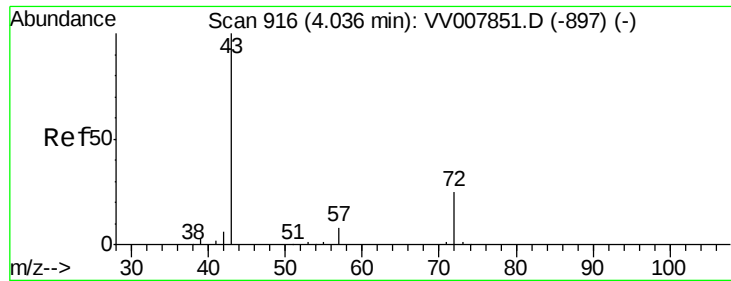


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#22

2-Butanone

Concen: 2.131 ug/L

RT: 3.99 min Scan# 901

Delta R.T. -0.05 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

Instrument :

MSVOA_V

ClientSampleId :

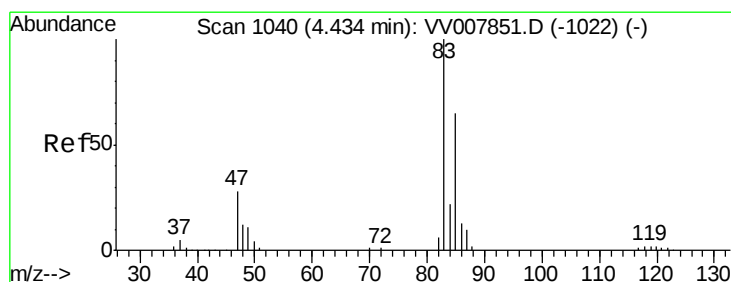
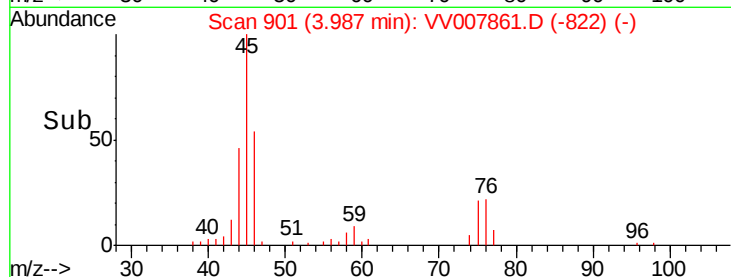
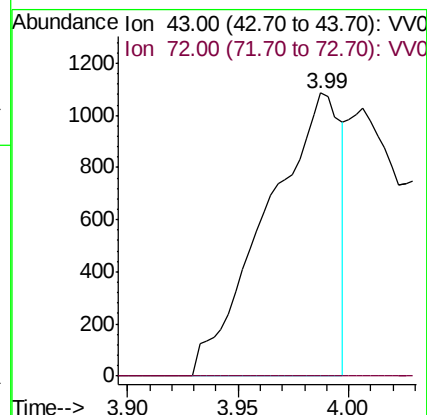
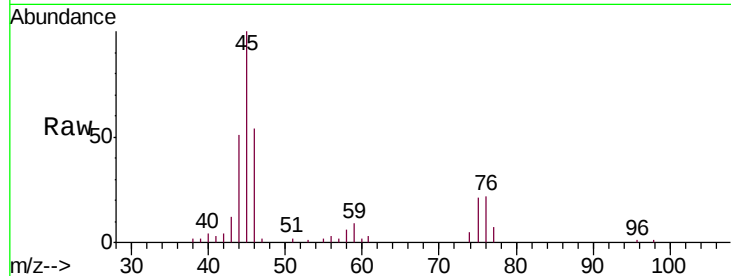
E5FE9

Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.2#



#25

Chloroform

Concen: 4.407 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007861.D

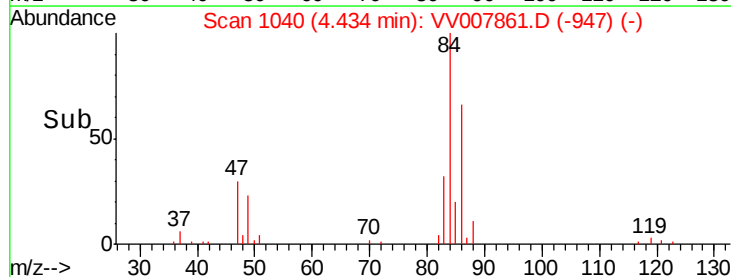
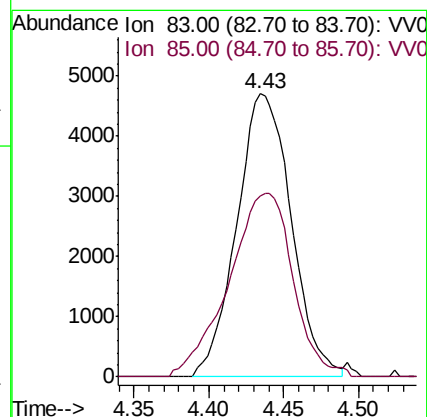
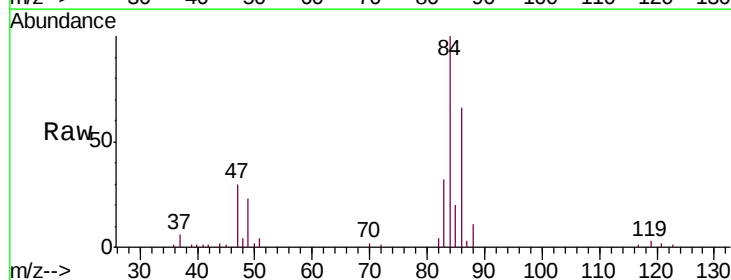
Acq: 25 Sep 2018 18:26

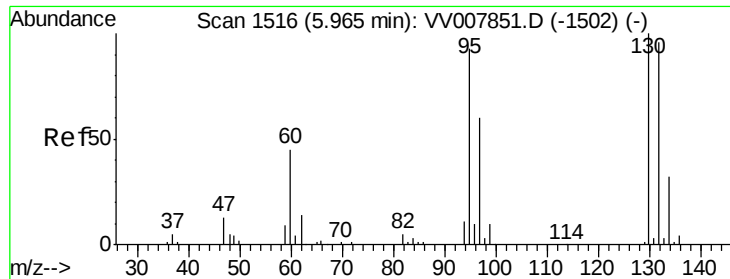
Tgt Ion: 83 Resp: 11940

Ion Ratio Lower Upper

83 100

85 63.8 45.9 85.3

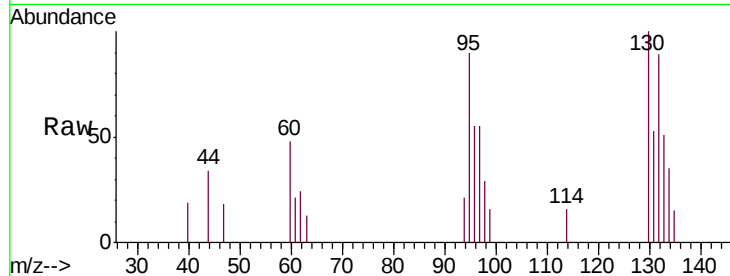




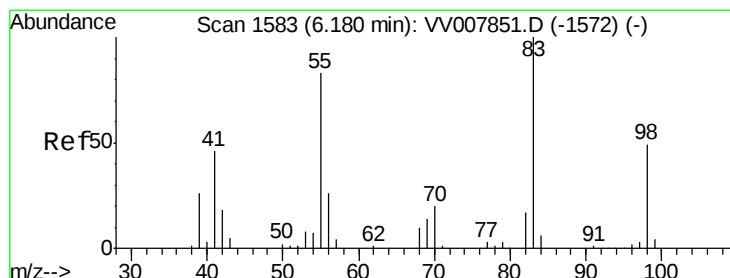
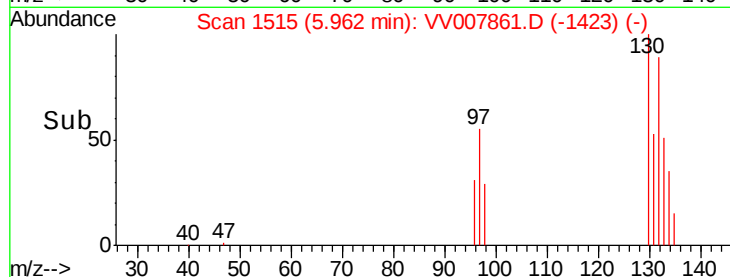
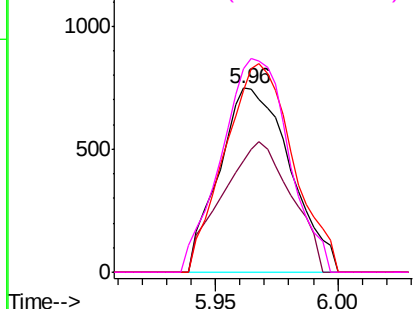
#34
 Trichloroethene
 Concen: 1.059 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV007861.D
 Acq: 25 Sep 2018 18:26

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE9

Tgt Ion: 95 Resp: 1515
 Ion Ratio Lower Upper
 95 100
 97 60.8 45.4 84.2
 132 98.8 72.2 134.0
 130 110.7 75.5 140.3

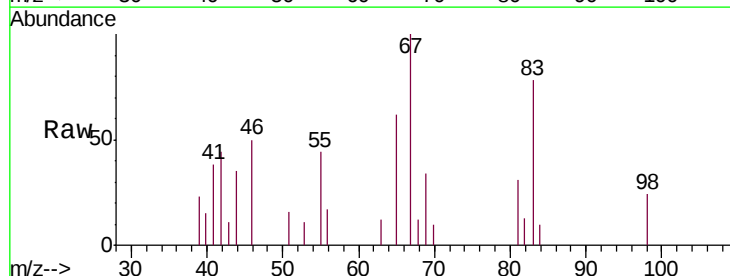


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

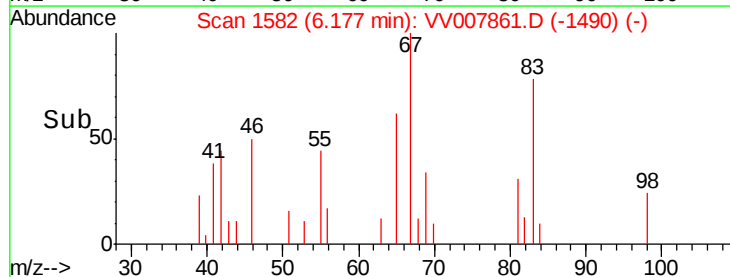
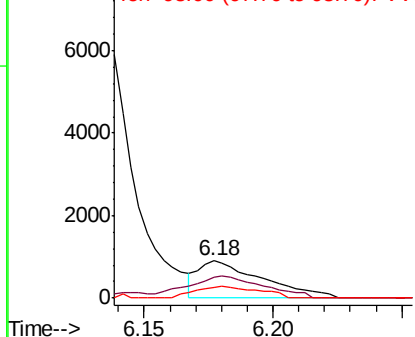


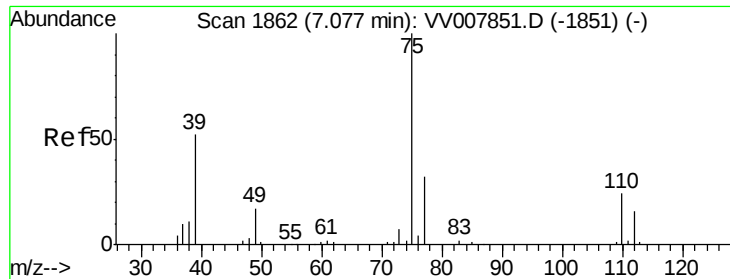
#35
 Methylcyclohexane
 Concen: 0.702 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VV007861.D
 Acq: 25 Sep 2018 18:26

Tgt Ion: 83 Resp: 1576
 Ion Ratio Lower Upper
 83 100
 55 69.9 62.6 94.0
 98 31.5 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





#39

cis-1,3-Dichloropropene

Concen: 1.255 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

Instrument :

MSVOA_V

ClientSampled :

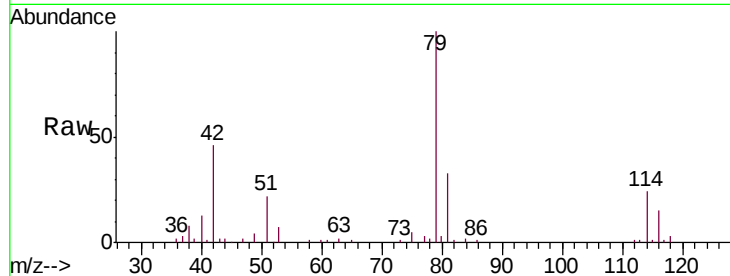
E5FE9

Tgt Ion: 75 Resp: 2506

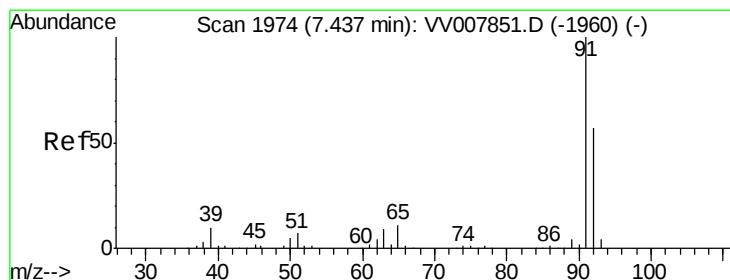
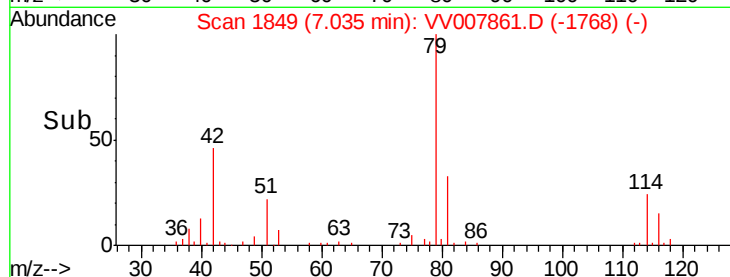
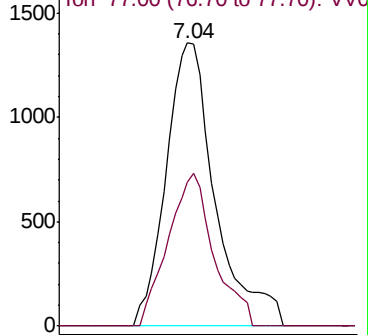
Ion Ratio Lower Upper

75 100

77 50.8 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV007851.D (-1851) (-)



#42

Toluene

Concen: 0.710 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007861.D

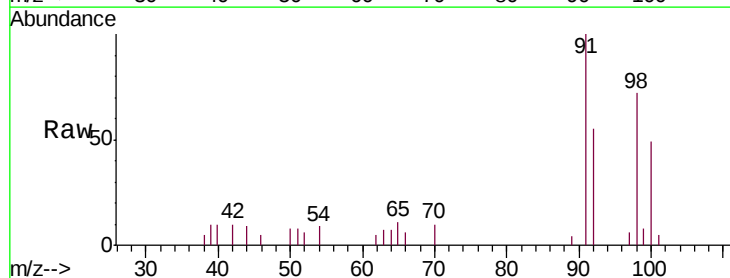
Acq: 25 Sep 2018 18:26

Tgt Ion: 91 Resp: 4122

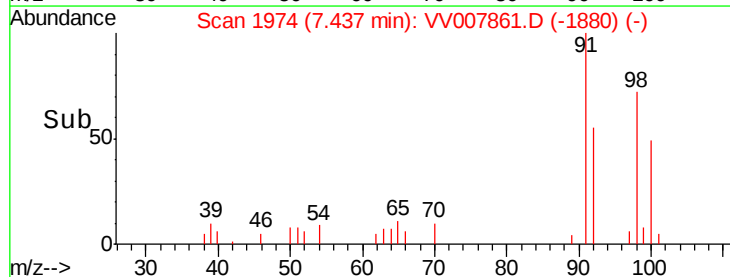
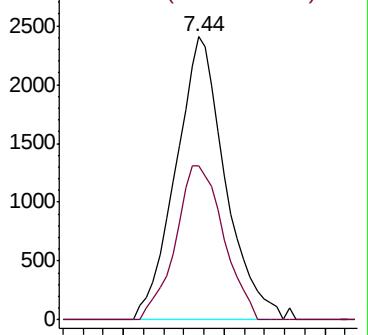
Ion Ratio Lower Upper

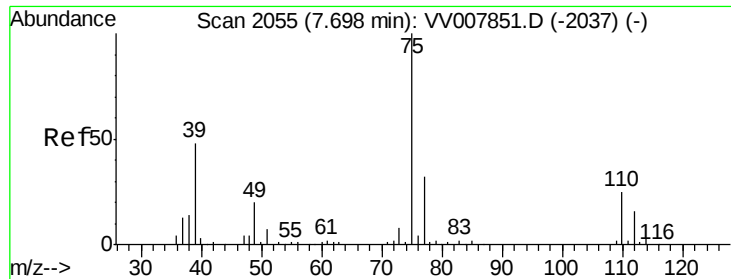
91 100

92 54.6 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VV007851.D (-1960) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

Instrument :

MSVOA_V

ClientSampleId :

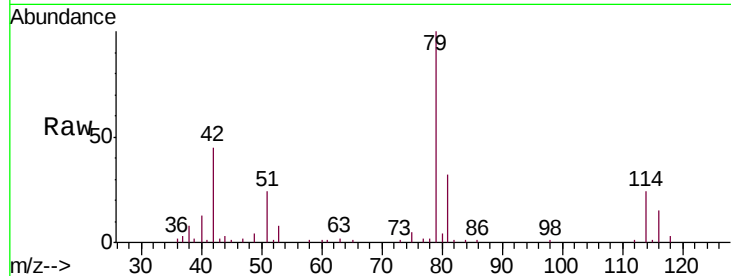
E5FE9

Tgt Ion: 75 Resp: 1874

Ion Ratio Lower Upper

75 100

77 35.6 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

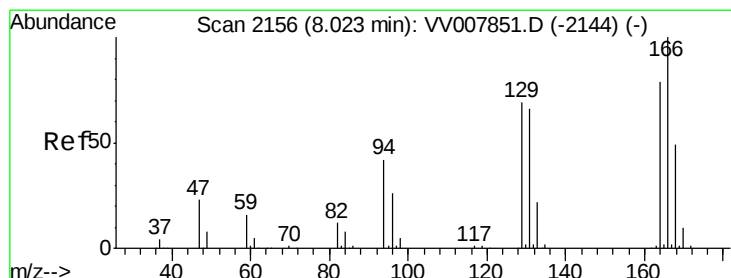
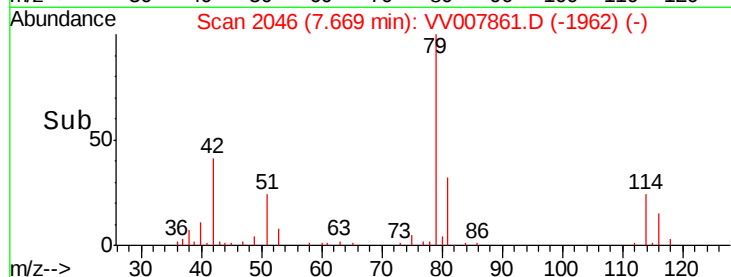
400

200

0

7.65 7.70 7.75

Time-->



#46

Tetrachloroethene

Concen: 13.409 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

Tgt Ion: 164 Resp: 18428

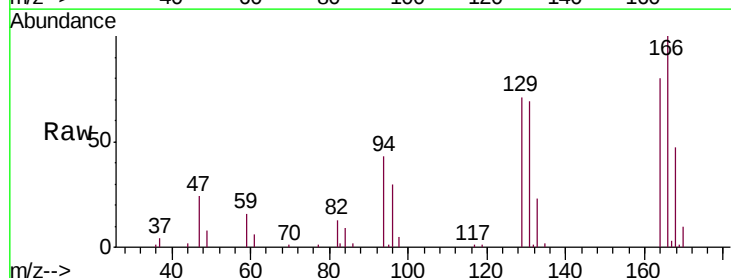
Ion Ratio Lower Upper

164 100

129 88.5 60.9 113.1

131 86.5 58.8 109.2

166 125.3 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

20000

15000

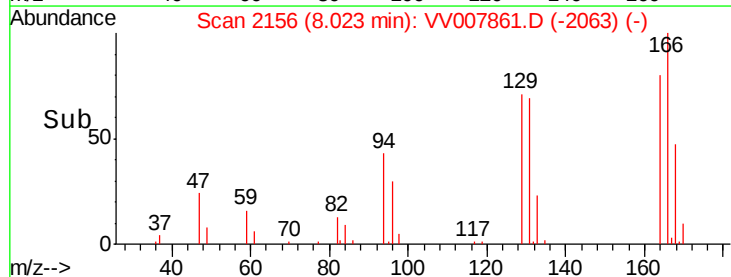
10000

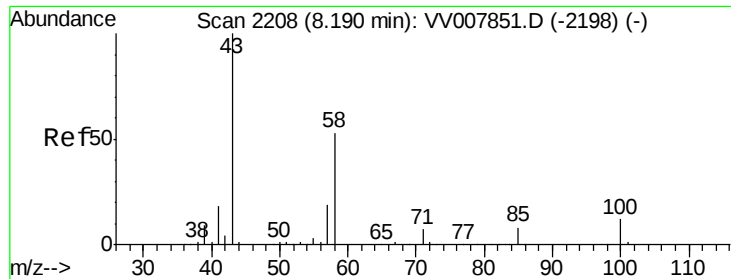
5000

0

7.95 8.00 8.05

Time-->

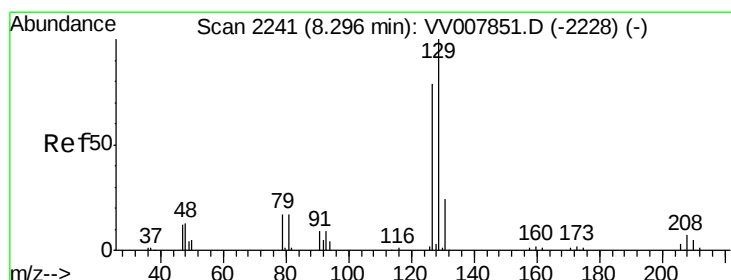
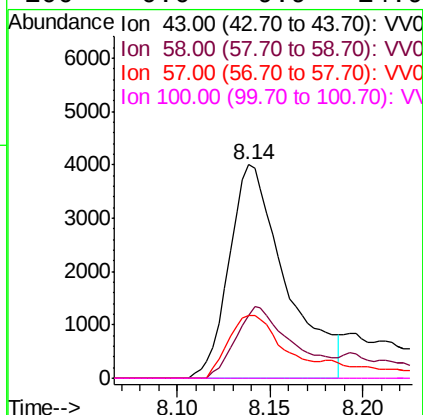
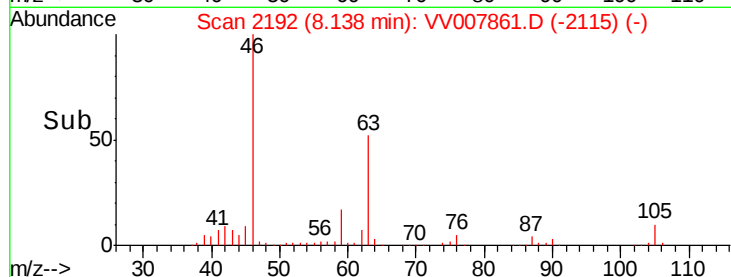
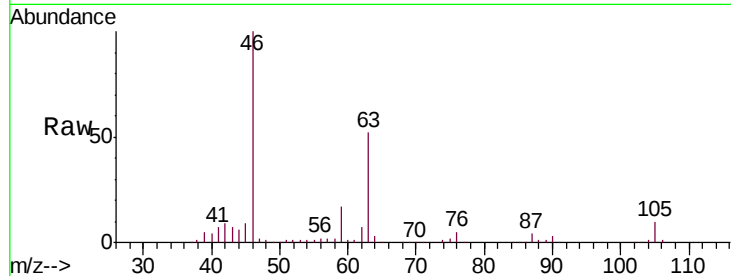




#48
2-Hexanone
Concen: 5.516 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV007861.D
Acq: 25 Sep 2018 18:26

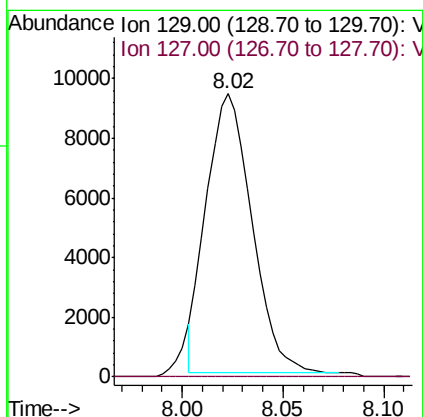
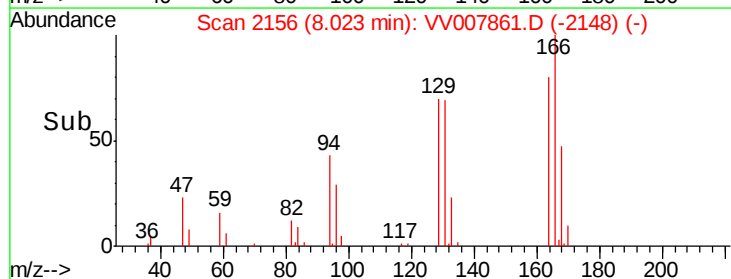
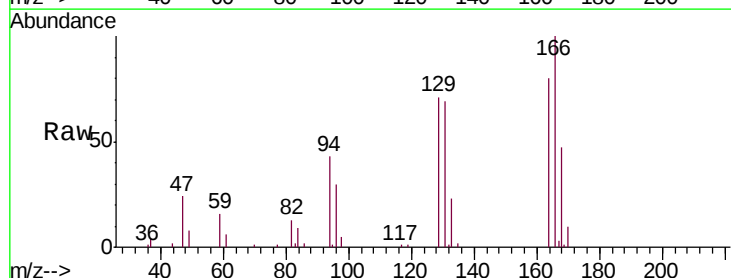
Instrument :
MSVOA_V
ClientSampleId :
E5FE9

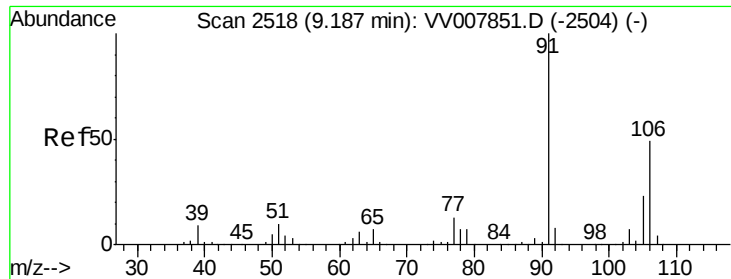
Tgt Ion: 43 Resp: 8471
Ion Ratio Lower Upper
43 100
58 34.5 41.1 61.7#
57 28.8 14.3 21.5#
100 0.0 9.9 14.9#



#49
Dibromochloromethane
Concen: 9.775 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007861.D
Acq: 25 Sep 2018 18:26

Tgt Ion: 129 Resp: 14687
Ion Ratio Lower Upper
129 100
127 0.0 55.5 103.1#





#53

m,p-Xylene

Concen: 0.412 ug/L

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VV007861.D

Acq: 25 Sep 2018 18:26

Instrument :
MSVOA_V
ClientSampleId :
E5FE9

Tgt Ion:106 Resp: 1030

Ion Ratio Lower Upper

106 100

91 166.8 142.3 264.3

