

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007882.D
 Acq On : 26 Sep 2018 14:32
 Operator : SY/MD
 Sample : J5036-01
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 04:55:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191250	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47735	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.59	69	45353	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.14	63	81724	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	3.96	46	49315	61.03	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.03%
24) Chloroform-d	4.41	84	110834	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.09	65	81570	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
32) Benzene-d6	5.11	84	226992	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.13	67	72694	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.64%
41) Toluene-d8	7.36	98	217510	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.67	79	31738	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.14	63	58924	90.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.83%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104312	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	100083	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	2.14	101	859	0.366 ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	859	0.655 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	787	0.669 ug/L #	1
13) Acetone	2.19	43	57670	59.246 ug/L	100
22) 2-Butanone	4.01	43	5052	4.529 ug/L #	56
33) Benzene	5.15	78	3109	0.631 ug/L	100
35) Methylcyclohexane	6.13	83	17878	8.341 ug/L #	18
44) trans-1,3-Dichloropropene	7.67	75	1418	0.748 ug/L	92
48) 2-Hexanone	8.14	43	9510	6.482 ug/L #	83
51) Chlorobenzene	8.93	112	53884	14.029 ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	2203	1.260 ug/L #	42
62) 1,3-Dichlorobenzene	11.23	146	7748	2.570 ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	51245	15.997 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	346502	110.767 ug/L	100
67) 1,3,5-Trichlorobenzene	13.31	180	64513	25.385 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	64513	30.087 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	46017	21.196 ug/L	99

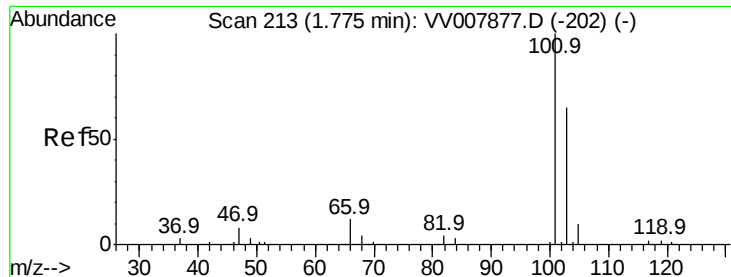
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
Data File : VV007882.D
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Operator : SY/MD
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Quant Time: Sep 27 04:55:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

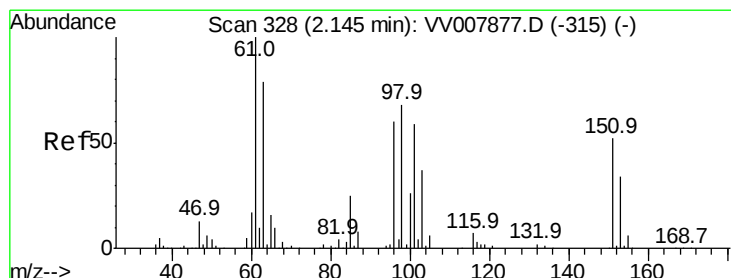
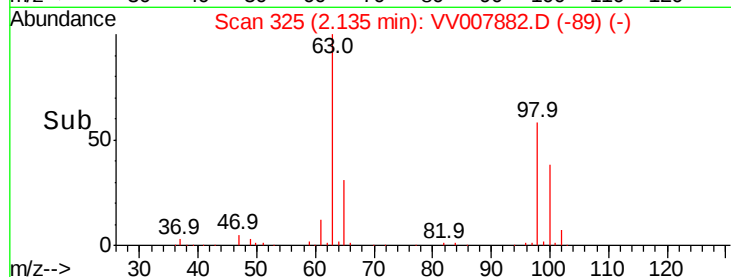
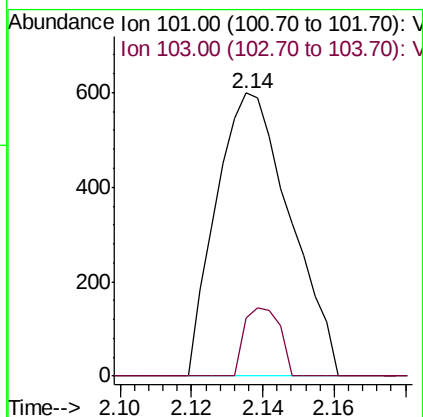
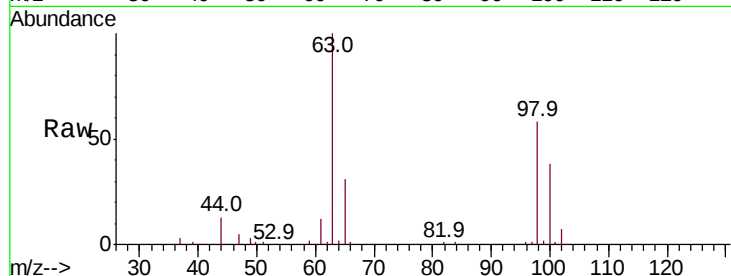


#9

Trichlorofluoromethane
 Concen: 0.366 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.36 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Instrument :
 MSVOA_V
 ClientSampleId :

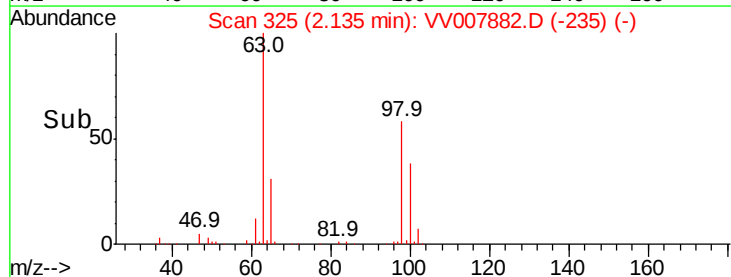
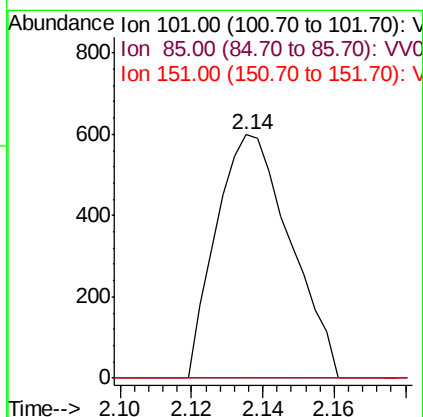
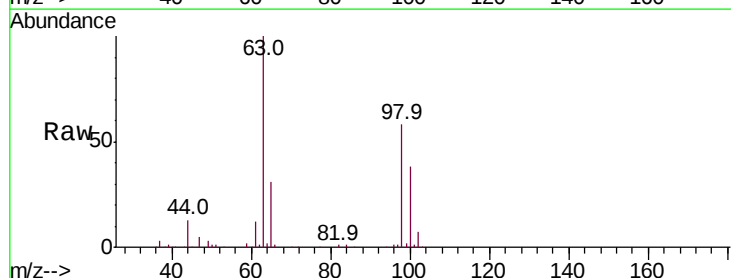
Tot Ion:101 Resp: 859
 Ion Ratio Lower Upper
 101 100
 103 11.5 52.4 78.6#

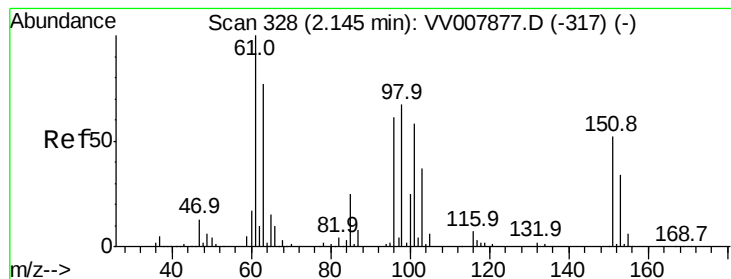


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.655 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Tgt Ion:101 Resp: 859
 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: 0.669 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

Instrument :

MSVOA_V

ClientSampleId :

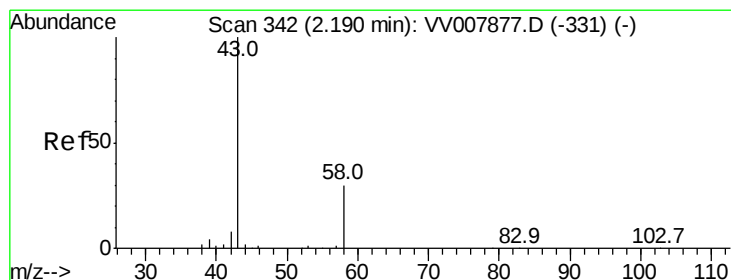
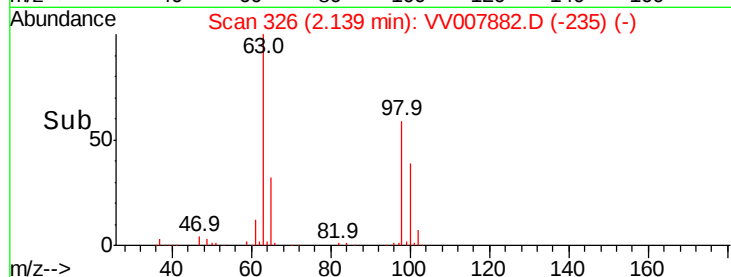
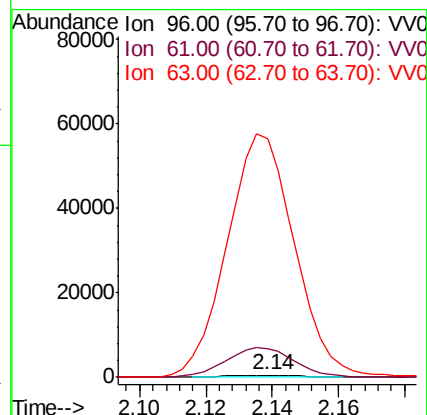
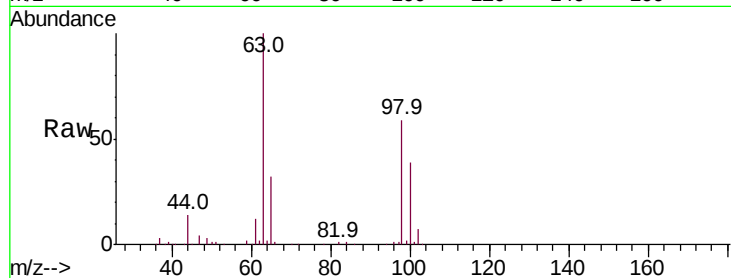
Tot Ion: 96 Resp: 787

Ion Ratio Lower Upper

96 100

61 1352.6 116.1 215.7#

63 11056.0 86.5 160.7#



#13

Acetone

Concen: 59.246 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007882.D

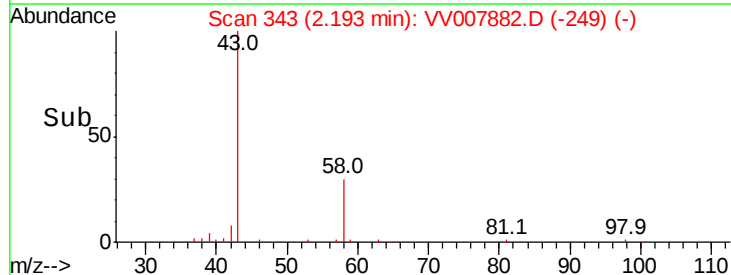
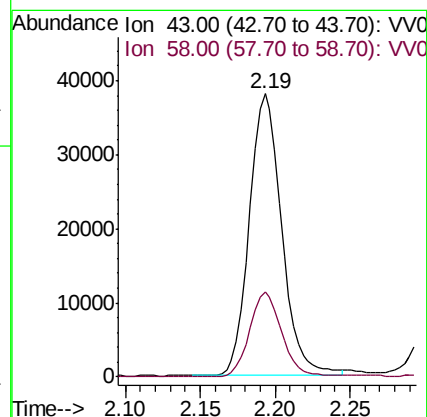
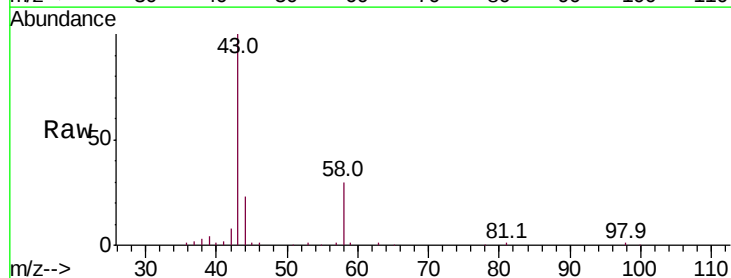
Acq: 26 Sep 2018 14:32

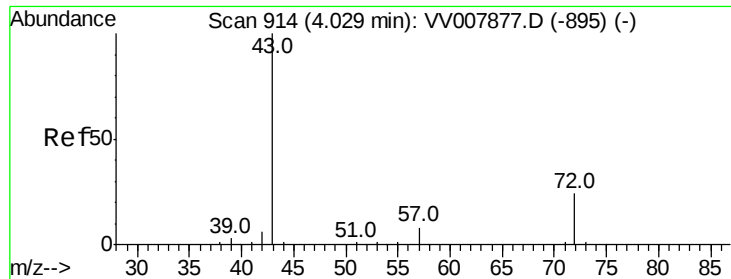
Tgt Ion: 43 Resp: 57670

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.4





#22

2-Butanone

Concen: 4.529 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.02 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

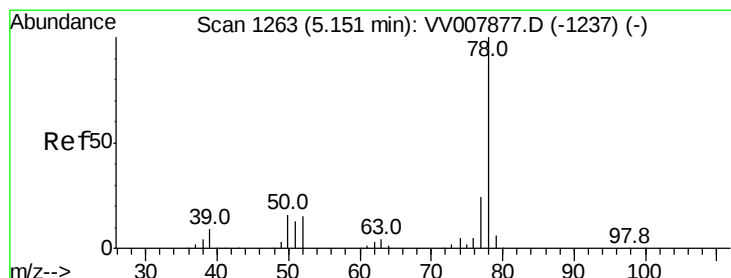
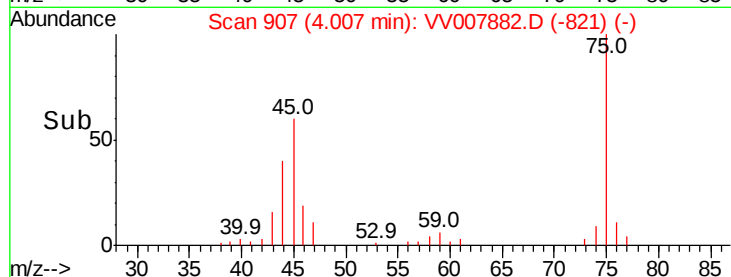
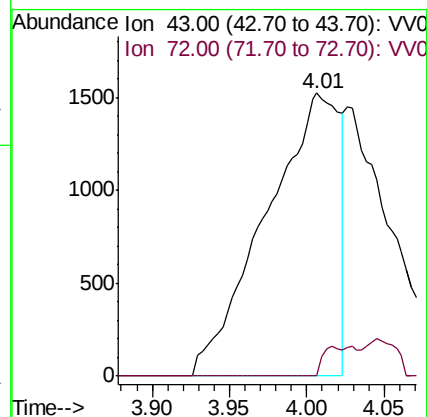
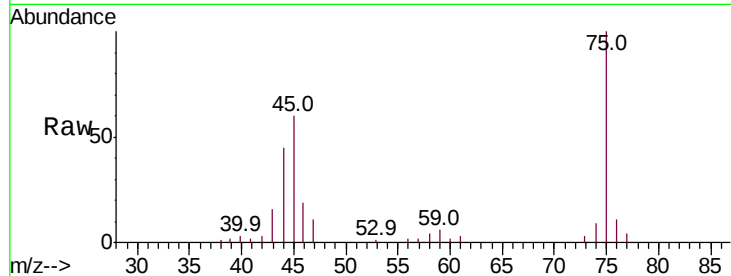
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5052

Ion Ratio Lower Upper

43 100

72 2.7 12.4 37.2#



#33

Benzene

Concen: 0.631 ug/L

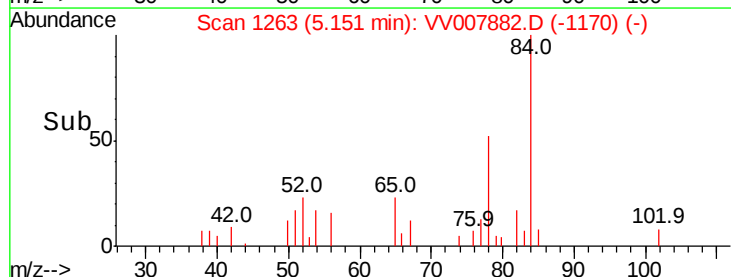
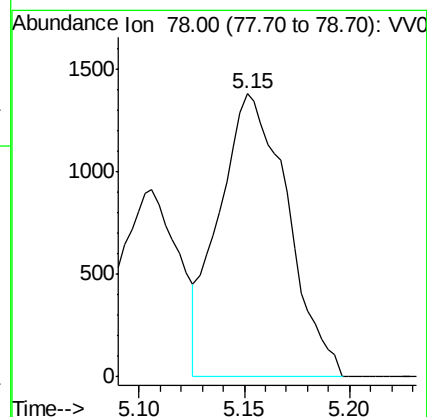
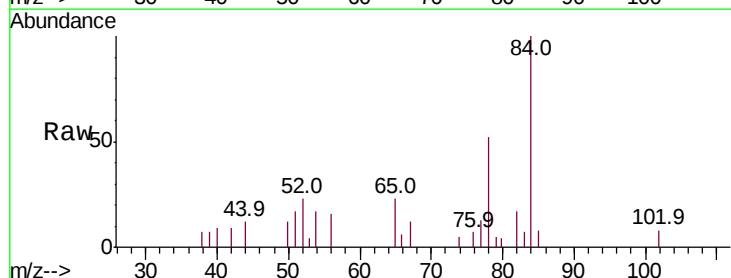
RT: 5.15 min Scan# 1263

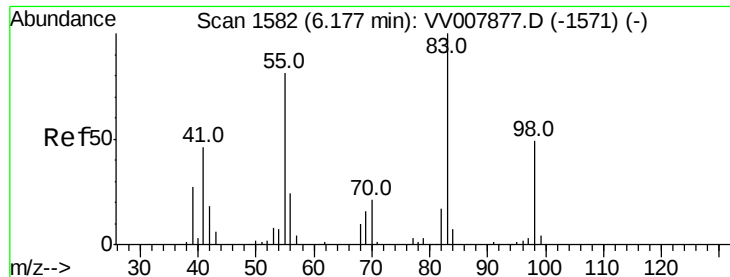
Delta R.T. -0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

Tgt Ion: 78 Resp: 3109

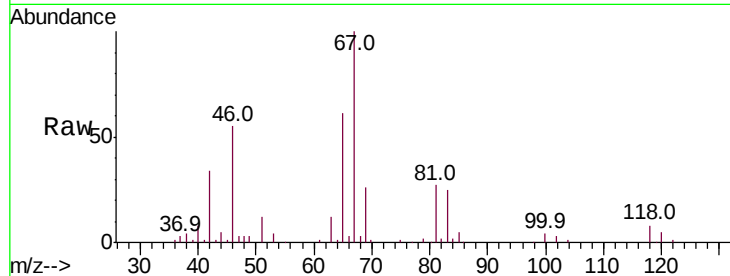




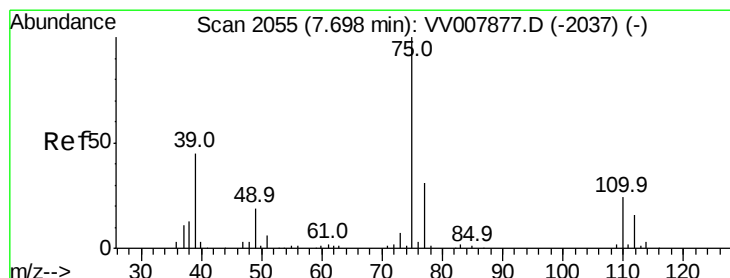
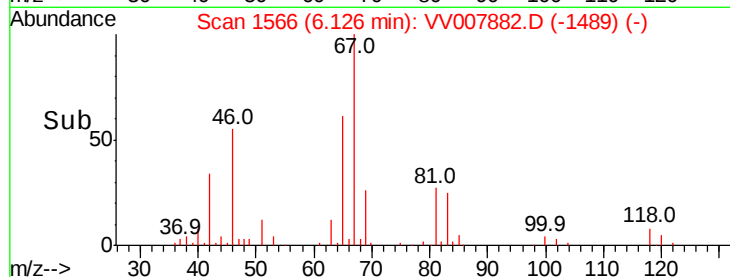
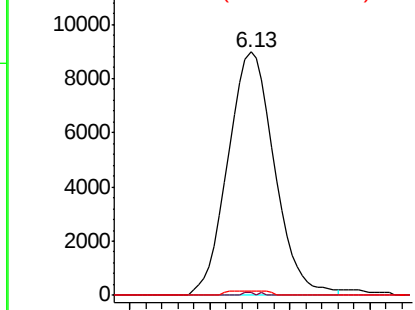
#35
Methvlcvclohexane
Concen: 8.341 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007882.D
Acq: 26 Sep 2018 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 17878
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.6 37.6 56.4#

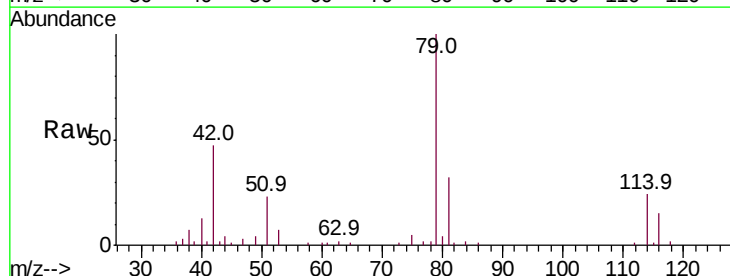


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

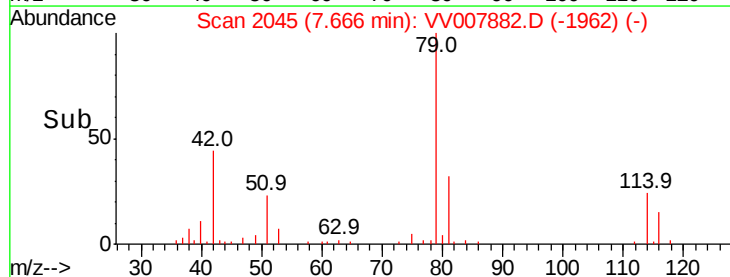
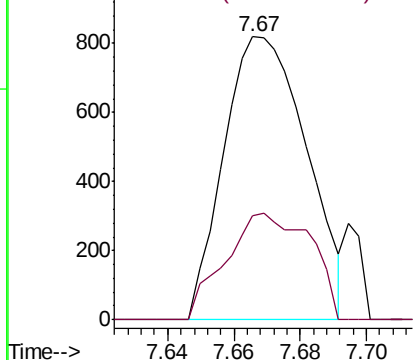


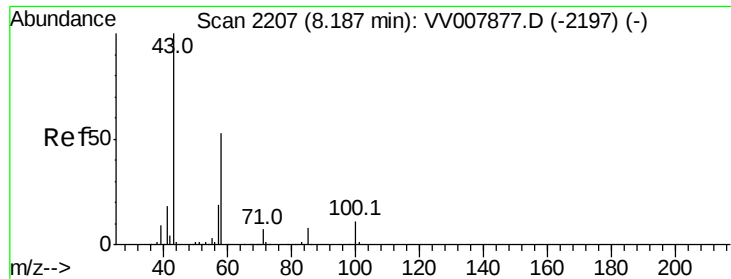
#44
trans-1,3-Dichloropropene
Concen: 0.748 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007882.D
Acq: 26 Sep 2018 14:32

Tgt Ion: 75 Resp: 1418
Ion Ratio Lower Upper
75 100
77 36.8 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

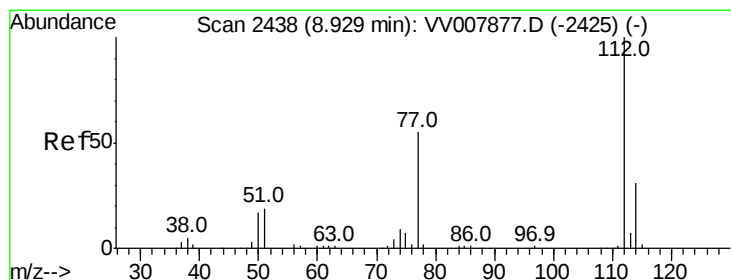
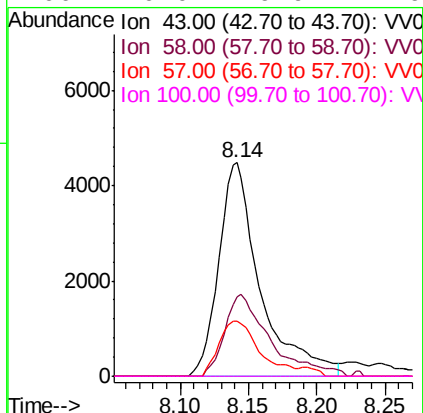
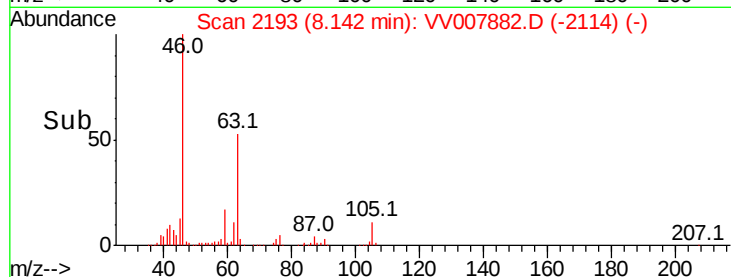
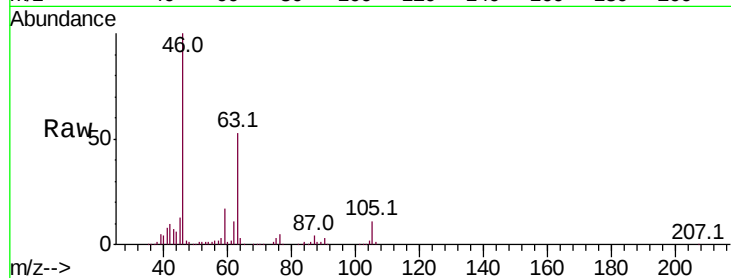




#48
2-Hexanone
Concen: 6.482 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007882.D
Acq: 26 Sep 2018 14:32

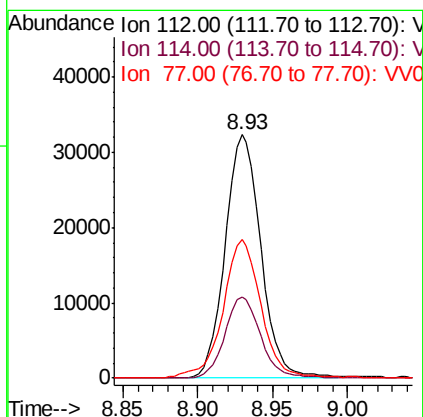
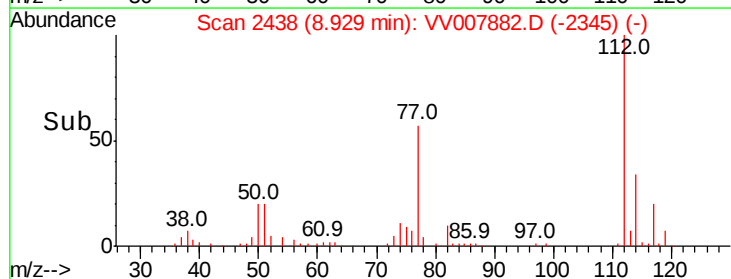
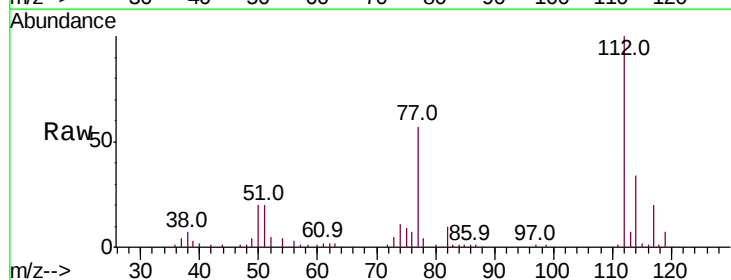
Instrument :
MSVOA_V
ClientSampleId :

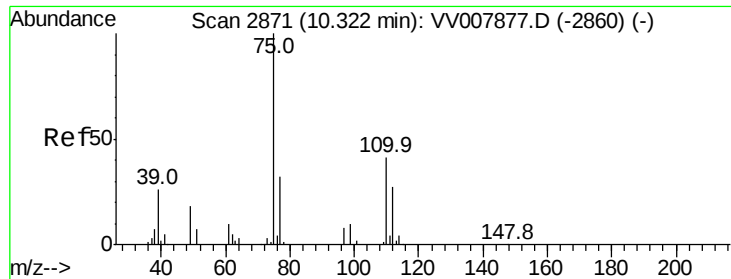
Tot Ion: 43 Resp: 9510
Ion Ratio Lower Upper
43 100
58 41.8 41.1 61.7
57 25.4 14.3 21.5#
100 0.0 9.9 14.9#



#51
Chlorobenzene
Concen: 14.029 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007882.D
Acq: 26 Sep 2018 14:32

Tgt Ion: 112 Resp: 53884
Ion Ratio Lower Upper
112 100
114 33.5 22.3 41.5
77 56.8 45.2 67.8





#59

1,2,3-Trichloropropane

Concen: 1.260 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

Instrument :

MSVOA_V

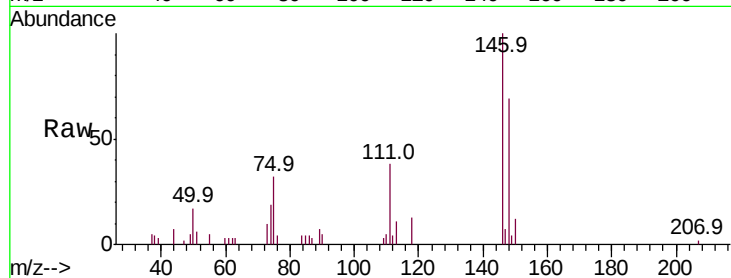
ClientSampleId :

Tot Ion: 75 Resp: 2203

Ion Ratio Lower Upper

75 100

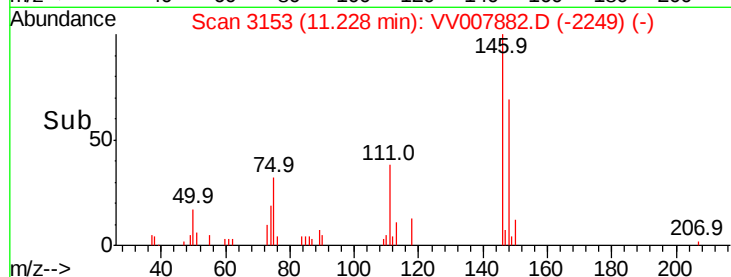
77 0.0 25.8 38.6#



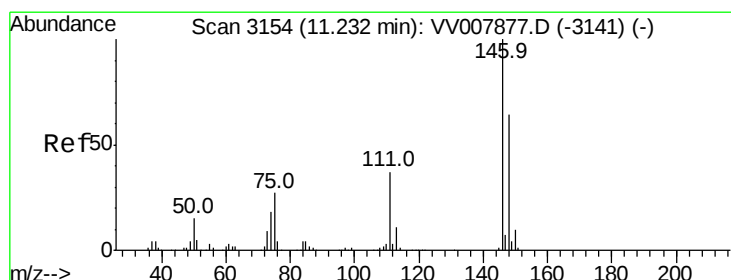
Abundance Ion 75.00 (74.70 to 75.70): VV007877.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007877.D (-2860) (-)

Time-->



Time-->



#62

1,3-Dichlorobenzene

Concen: 2.570 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

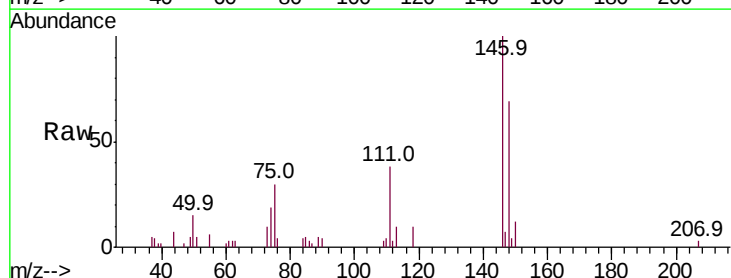
Tgt Ion: 146 Resp: 7748

Ion Ratio Lower Upper

146 100

111 37.5 25.6 47.4

148 69.1 45.4 84.2

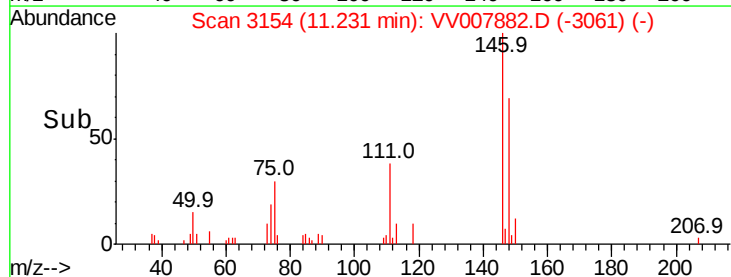


Abundance Ion 146.00 (145.70 to 146.70): VV007877.D (-3141) (-)

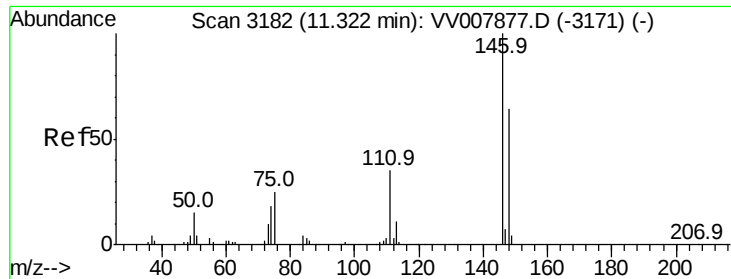
Ion 111.00 (110.70 to 111.70): VV007877.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV007877.D (-3141) (-)

Time-->



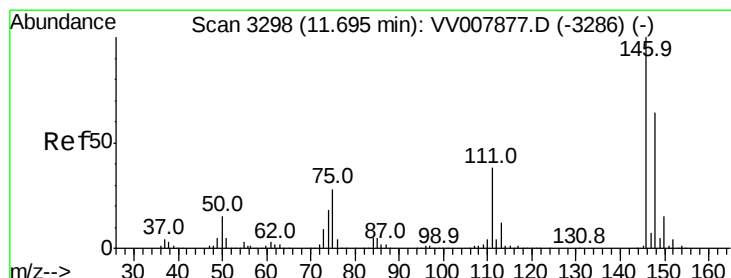
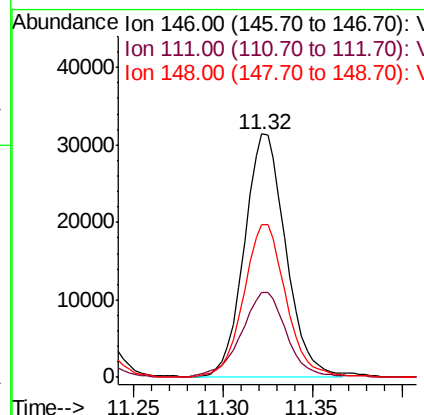
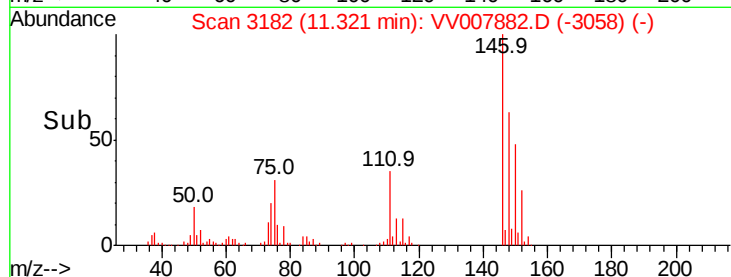
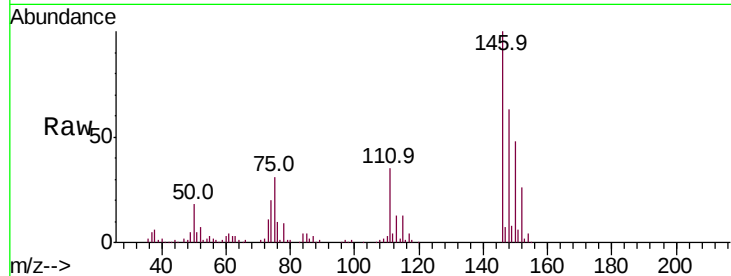
Time-->



#63
 1,4-Dichlorobenzene
 Concen: 15.997 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

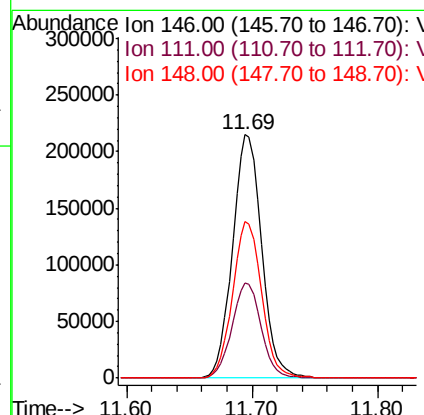
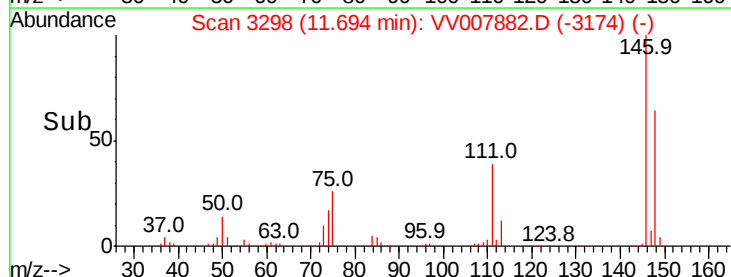
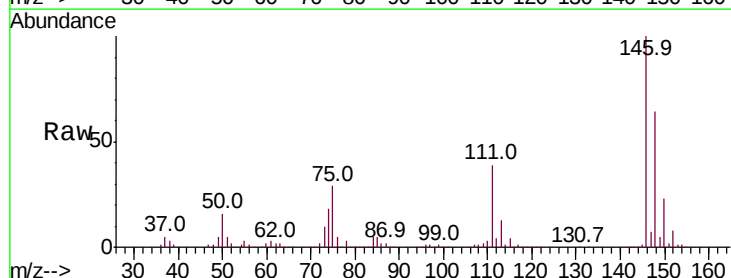
Instrument :
 MSVOA_V
 ClientSampleId :

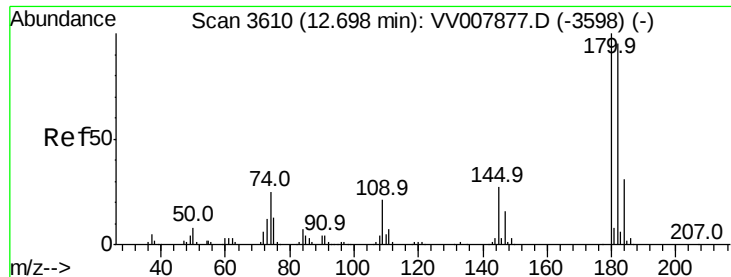
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.8	25.2	46.8
148	62.9	44.2	82.0



#65
 1,2-Dichlorobenzene
 Concen: 110.767 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.2	46.8
148	64.1	51.5	77.3

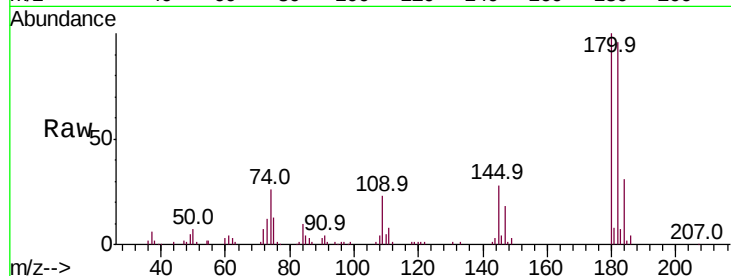




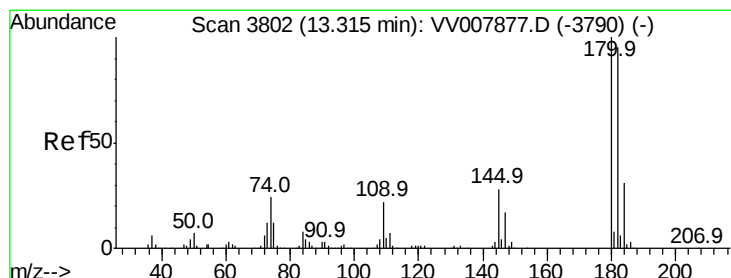
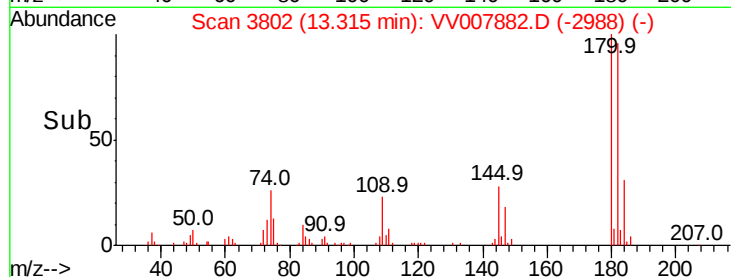
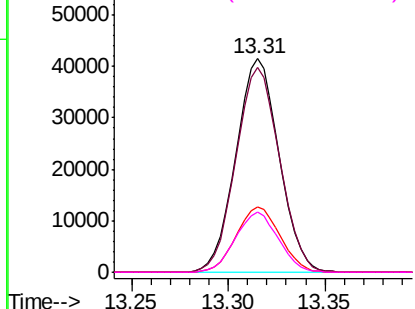
#67
 1,3,5-Trichlorobenzene
 Concen: 25.385 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.62 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 64513
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.8 115.2
 184 31.1 24.6 36.8
 145 27.9 21.7 32.5

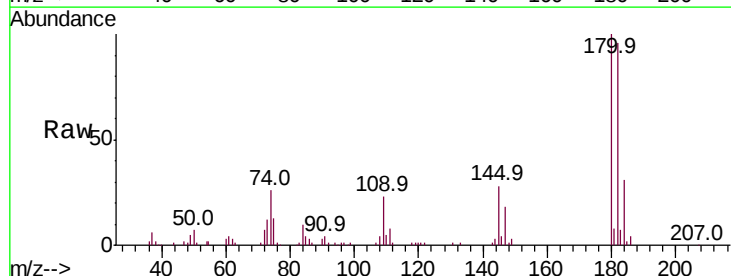


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

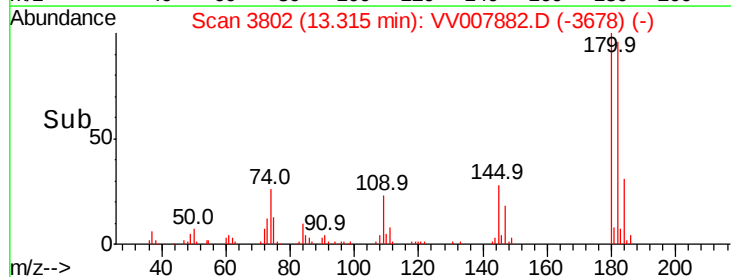
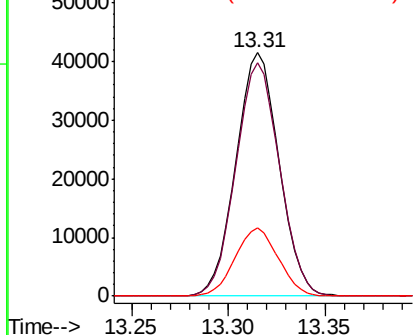


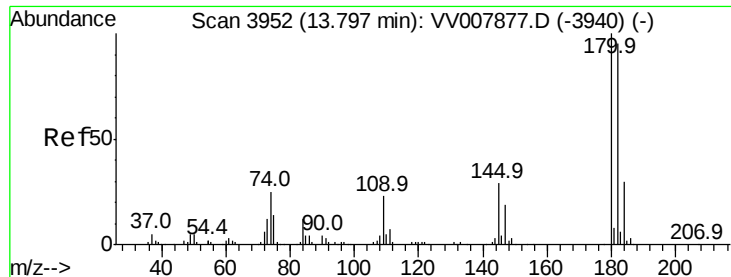
#68
 1,2,4-trichlorobenzene
 Concen: 30.087 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. -0.00 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Tgt Ion:180 Resp: 64513
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.6 115.0
 145 27.9 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

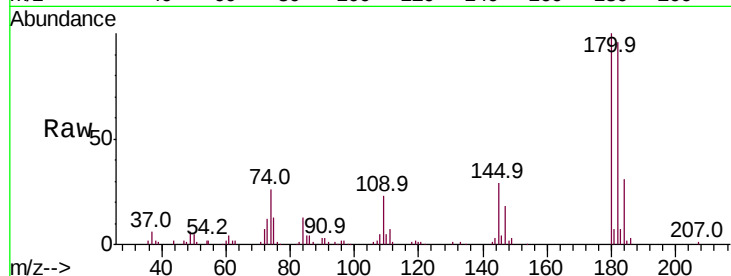




#70
 1,2,3-Trichlorobenzene
 Concen: 21.196 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.7	115.1
145	29.7	23.6	35.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

