

Data File : VV007976.D
Acq On : 29 Sep 2018 01:51
Operator : SY/MD
Sample : J5091-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Quant Time: Oct 10 04:10:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88611	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17809	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.59	69	18057	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.14	63	31187	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	3.97	46	69599	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	4.41	84	72594	6.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.20%#
26) 1,2-Dichloroethane-d4	5.09	65	27109	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	92920	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	30769	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	84436	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	9470	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.14	63	49784	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23579	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38247	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

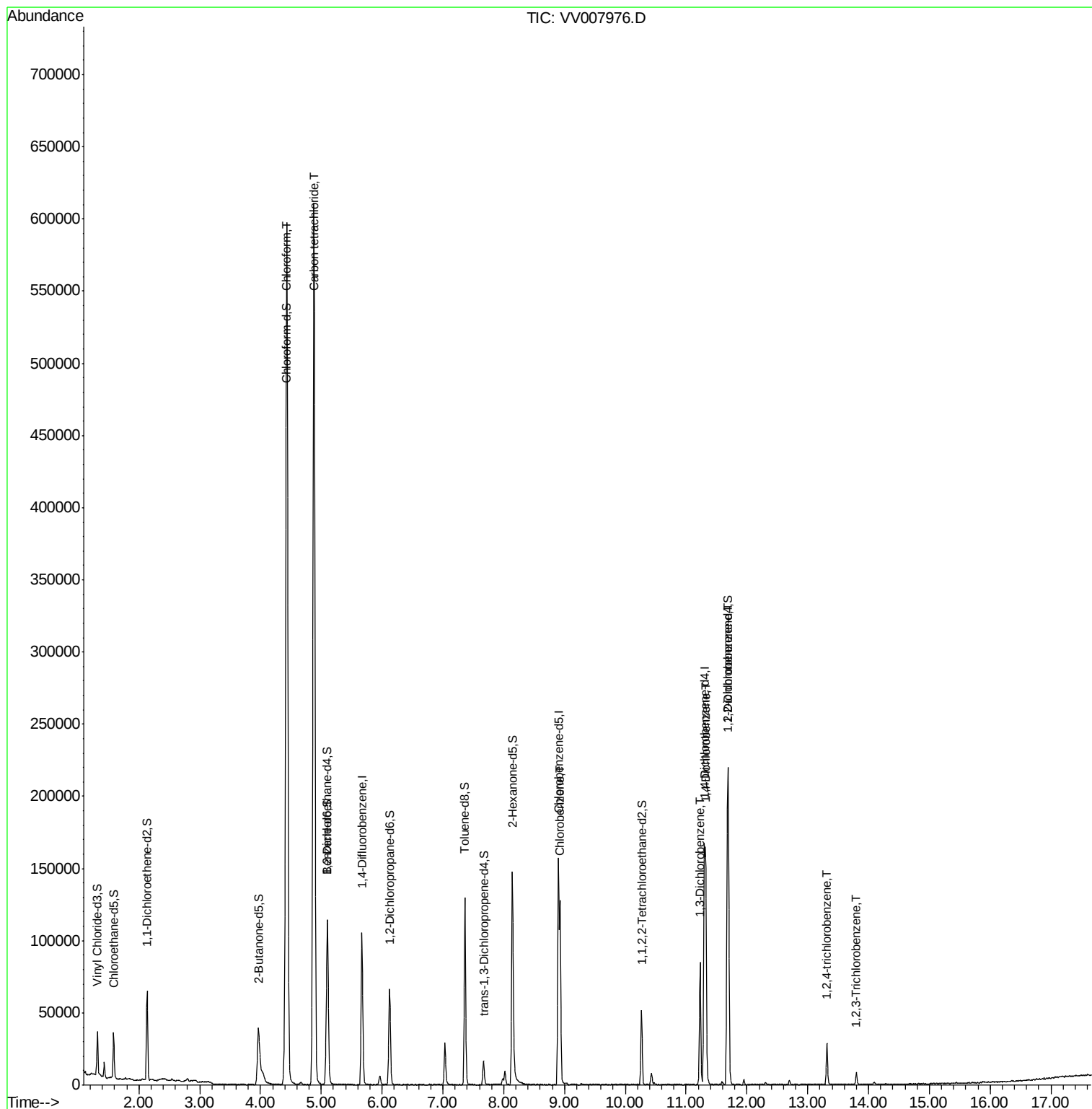
					Qvalue
25) Chloroform	4.43	83	555503	46.623 ug/L	99
31) Carbon tetrachloride	4.88	117	447821	50.284 ug/L	100
51) Chlorobenzene	8.93	112	63495	3.509 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	36464	2.610 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	62811	4.325 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76979	5.846 ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	10141	1.003 ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	3076	0.336 ug/L	98

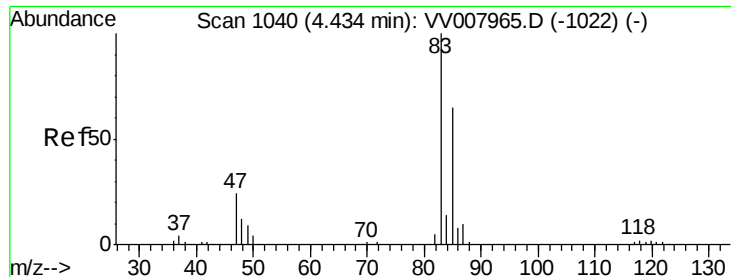
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 46.623 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

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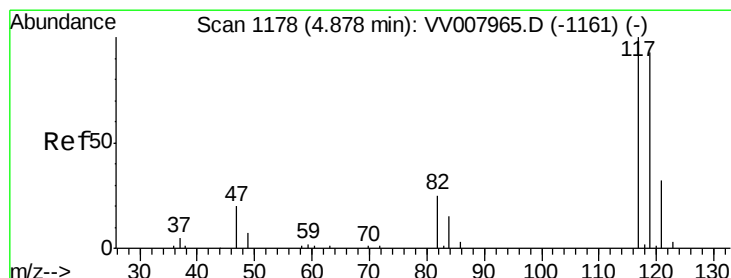
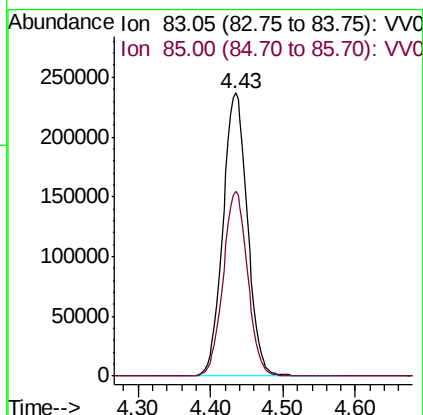
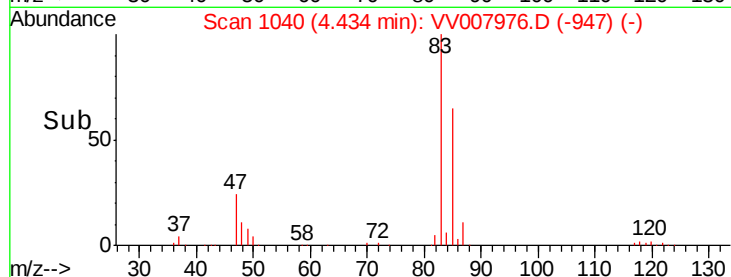
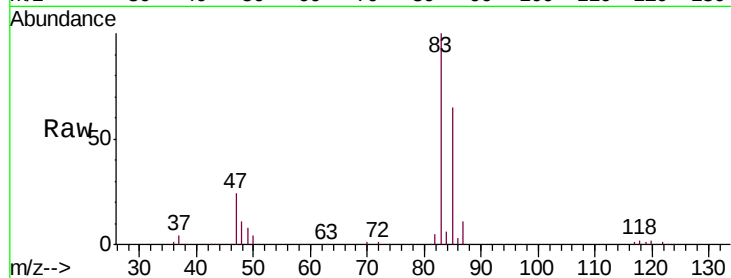
E62T1

Tgt Ion: 83 Resp: 555503

Ion Ratio Lower Upper

83 100

85 65.2 44.8 83.2



#31

Carbon tetrachloride

Concen: 50.284 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

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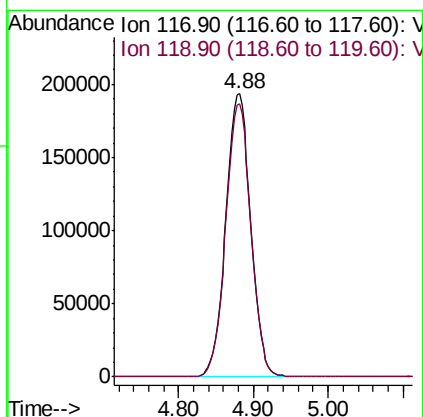
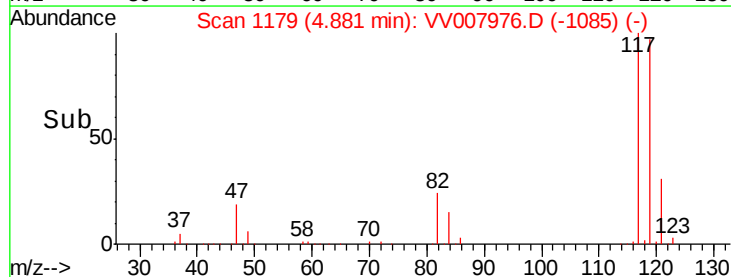
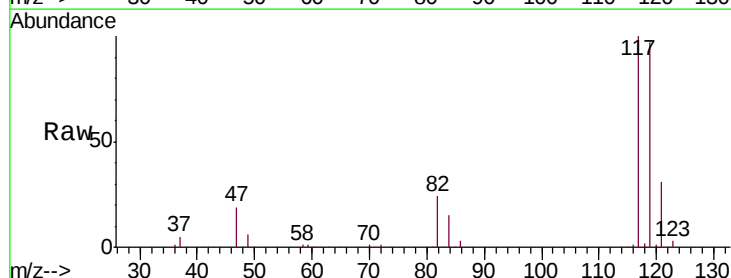
Acq: 29 Sep 2018 01:51

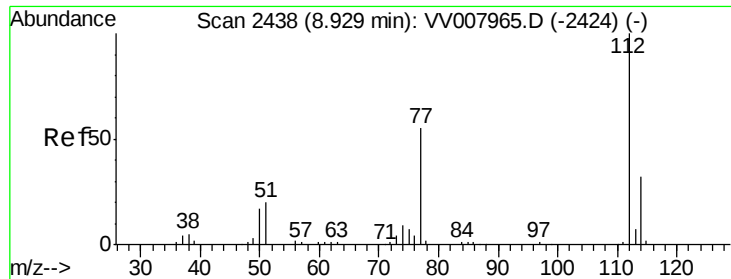
Tgt Ion: 117 Resp: 447821

Ion Ratio Lower Upper

117 100

119 96.9 77.8 116.8





#51

Chlorobenzene

Concen: 3.509 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

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E62T1

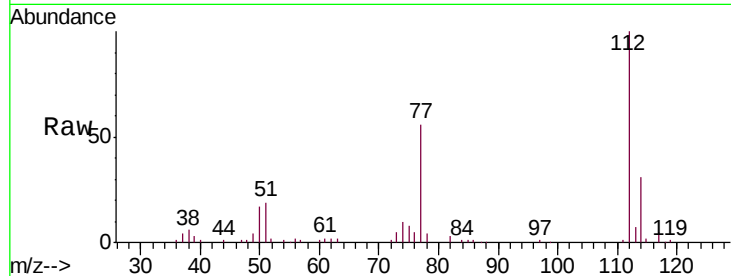
Tgt Ion:112 Resp: 63495

Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

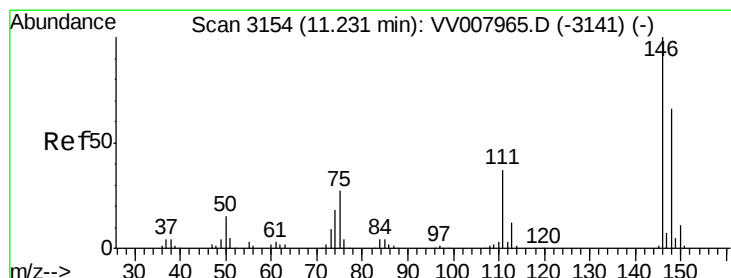
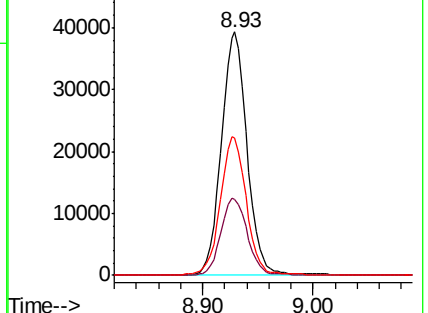
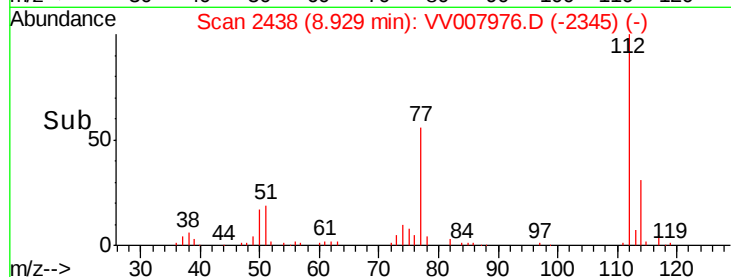
77 56.4 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0



#62

1,3-Dichlorobenzene

Concen: 2.610 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007976.D

Acq: 29 Sep 2018 01:51

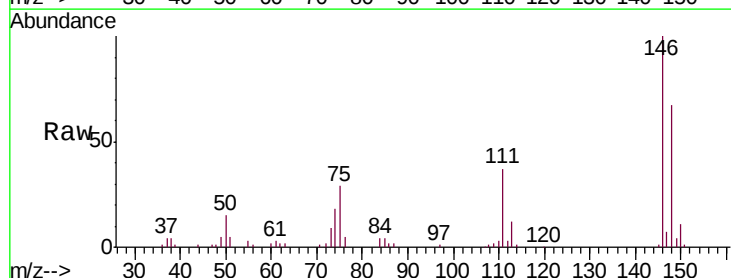
Tgt Ion:146 Resp: 36464

Ion Ratio Lower Upper

146 100

111 37.2 25.8 48.0

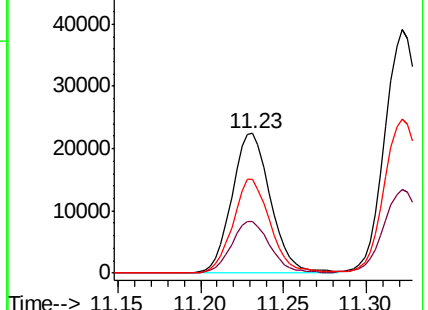
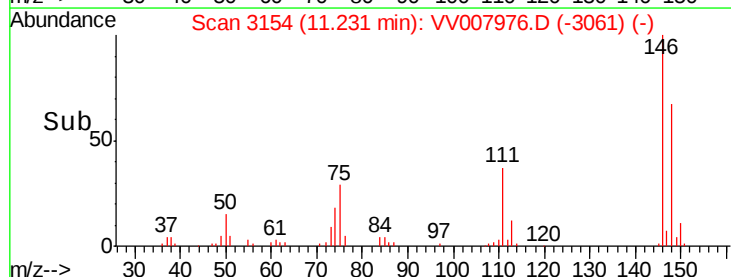
148 66.7 44.7 82.9

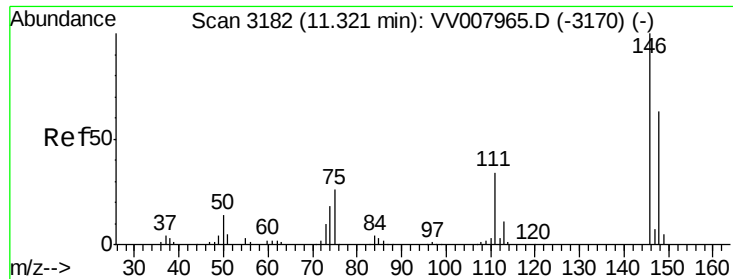


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

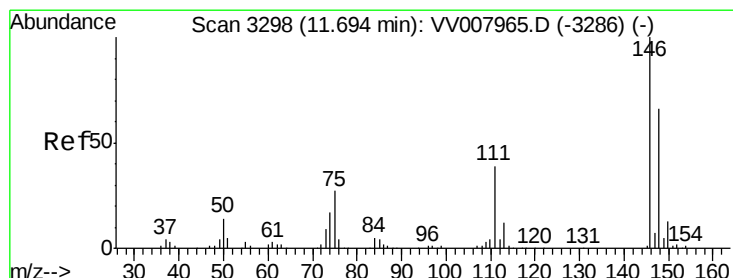
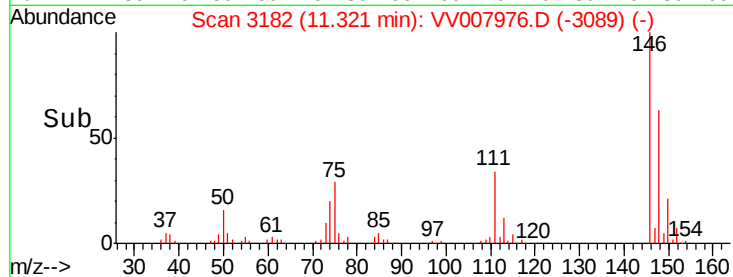
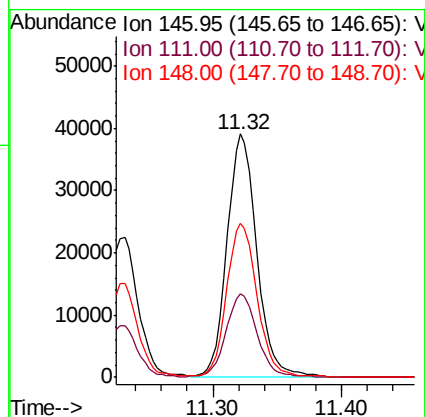
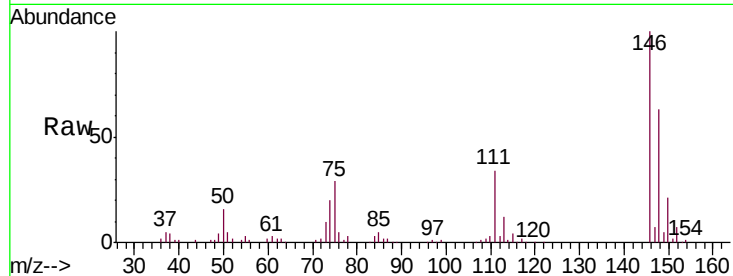




#63
 1,4-Dichlorobenzene
 Concen: 4.325 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007976.D
 Acq: 29 Sep 2018 01:51

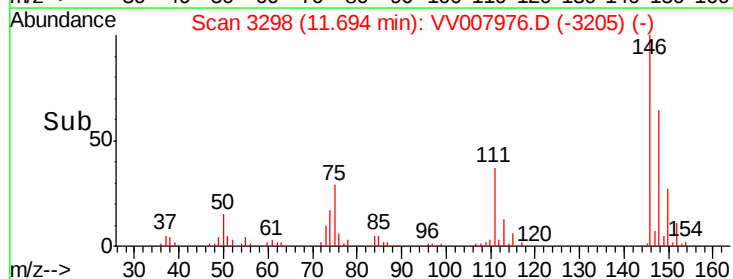
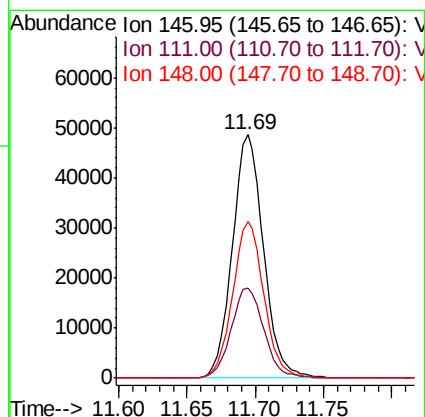
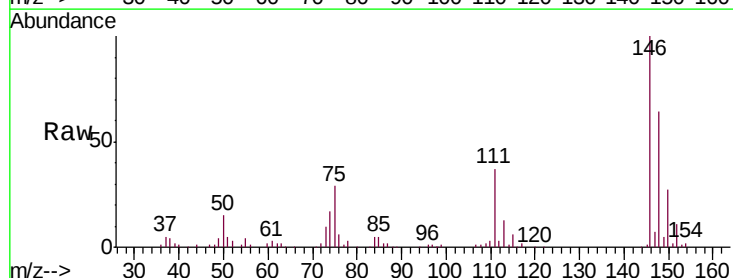
Instrument :
 MSVOA_V
 ClientSampled :
 E62T1

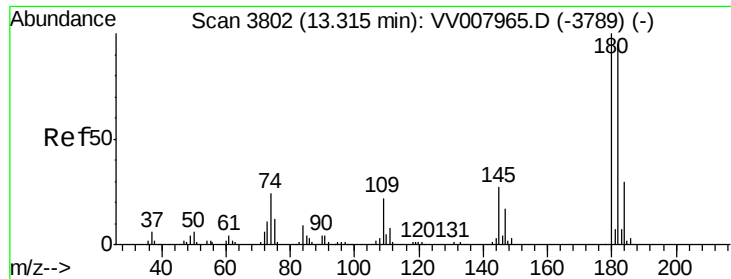
Tgt Ion:146 Resp: 62811
 Ion Ratio Lower Upper
 146 100
 111 34.3 25.3 47.1
 148 63.0 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 5.846 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007976.D
 Acq: 29 Sep 2018 01:51

Tgt Ion:146 Resp: 76979
 Ion Ratio Lower Upper
 146 100
 111 37.1 31.2 46.8
 148 64.3 50.3 75.5

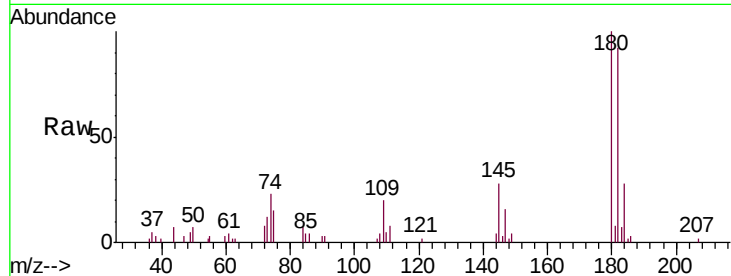




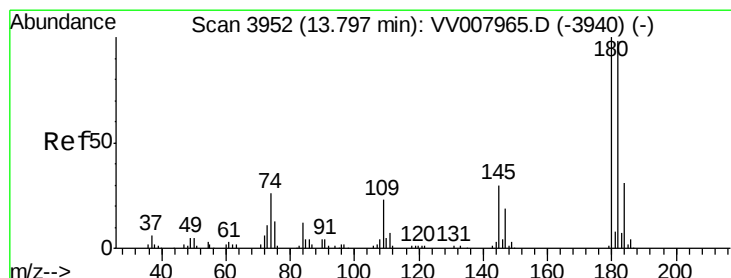
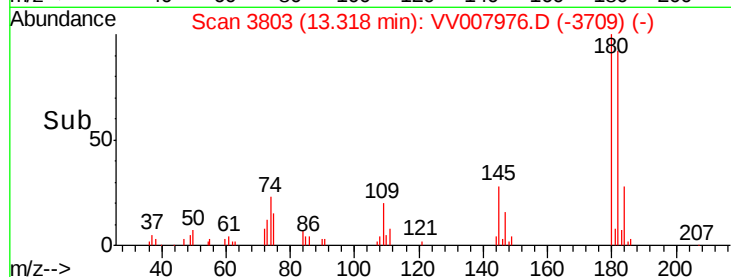
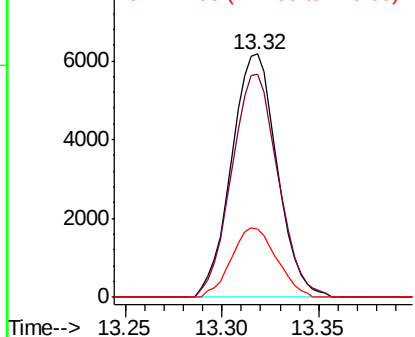
#68
 1,2,4-trichlorobenzene
 Concen: 1.003 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007976.D
 Acq: 29 Sep 2018 01:51

Instrument :
 MSVOA_V
 ClientSampleId :
 E62T1

Tgt Ion:180 Resp: 10141
 Ion Ratio Lower Upper
 180 100
 182 93.1 77.4 116.2
 145 28.3 22.6 33.8

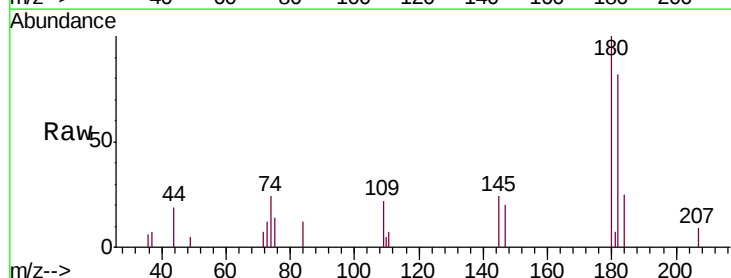


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.336 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007976.D
 Acq: 29 Sep 2018 01:51

Tgt Ion:180 Resp: 3076
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.7 113.5
 145 30.3 23.4 35.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

