

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007975.D
 Acq On : 29 Sep 2018 01:23
 Operator : SY/MD
 Sample : J5091-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62T0

Quant Time: Oct 01 05:49:46 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	88178	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17252	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.59	69	17473	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.14	63	29911	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	3.97	46	67909	47.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.52%
24) Chloroform-d	4.41	84	67530	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.40%#
26) 1,2-Dichloroethane-d4	5.09	65	26027	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.10	84	88225	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	28854	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	80698	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.67	79	8844	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.14	63	47361	44.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21883	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	36388	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

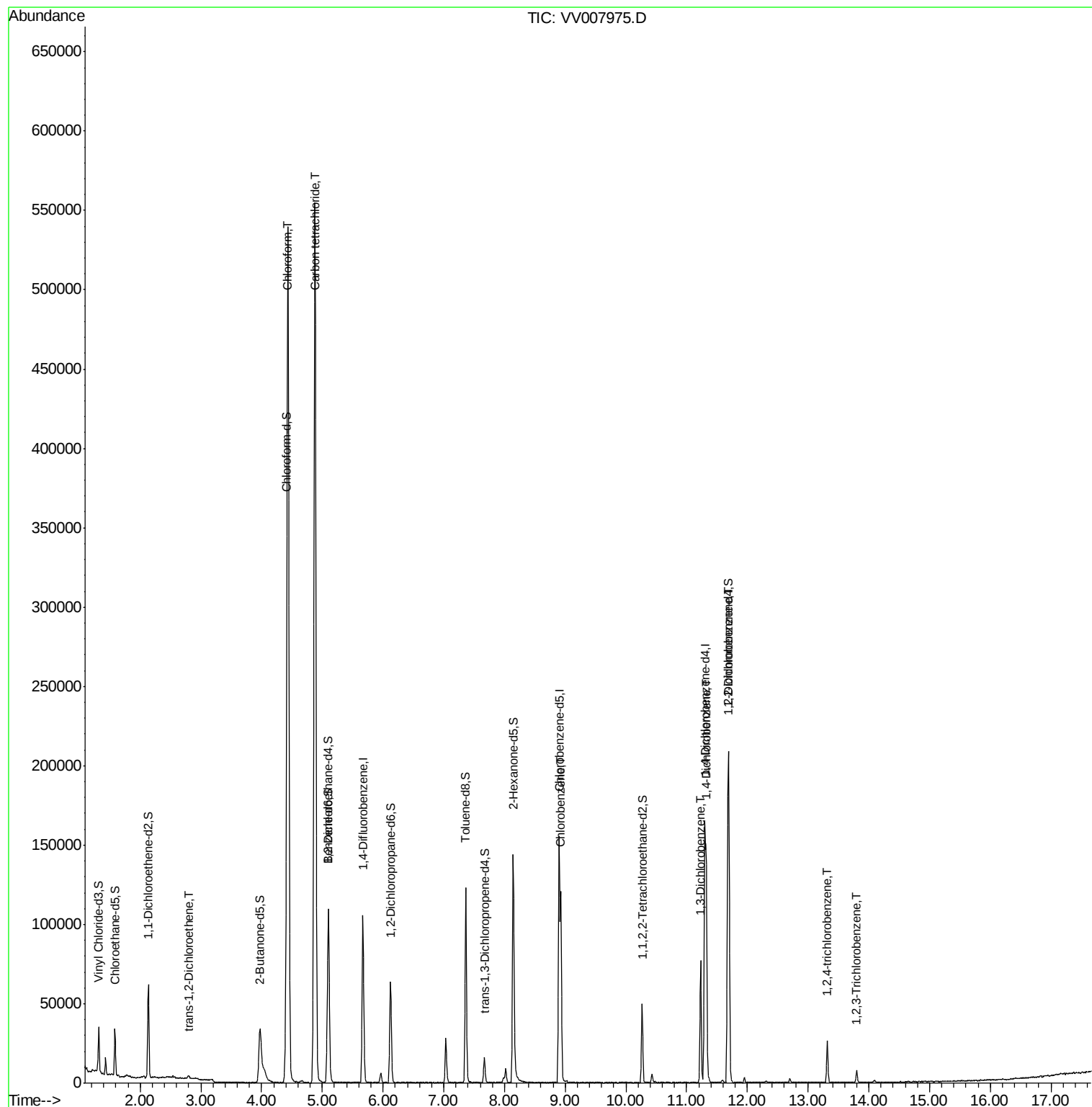
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
18) trans-1,2-Dichloroethene	2.79	96	612	0.095	ug/L #	66
25) Chloroform	4.43	83	498832	42.072	ug/L	98
31) Carbon tetrachloride	4.88	117	406312	45.858	ug/L	99
51) Chlorobenzene	8.93	112	61002	3.388	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	32810	2.340	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	55965	3.840	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	70862	5.362	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	9217	0.909	ug/L	95
70) 1,2,3-Trichlorobenzene	13.80	180	2753	0.300	ug/L	99

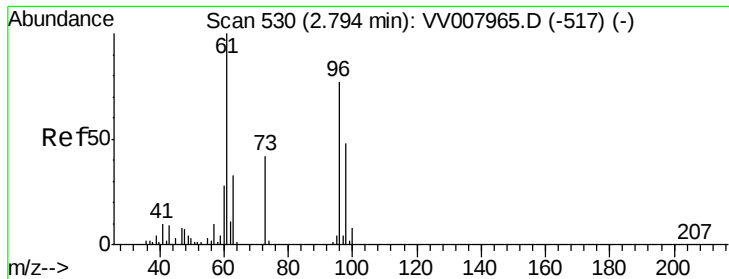
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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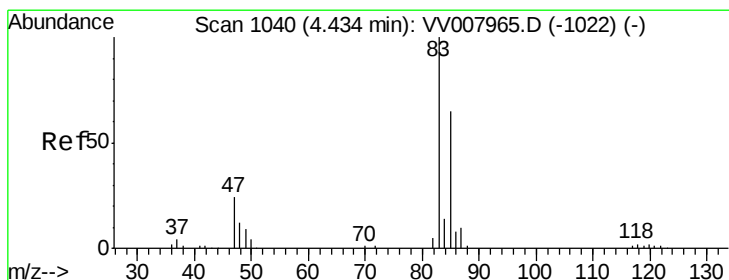
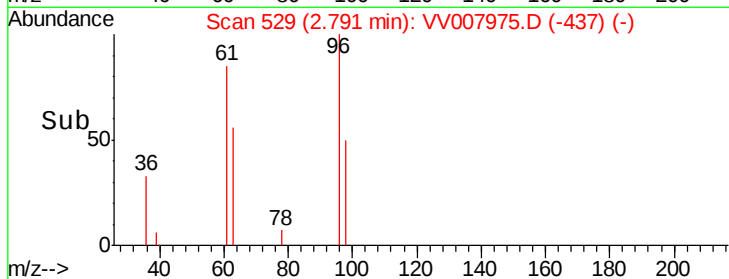
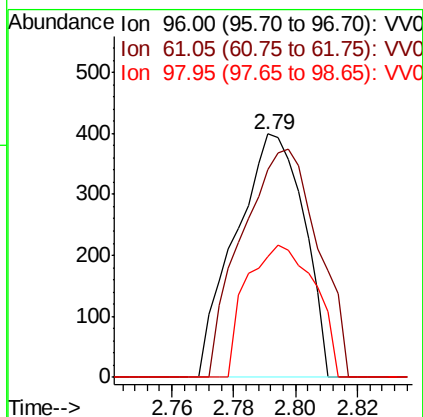
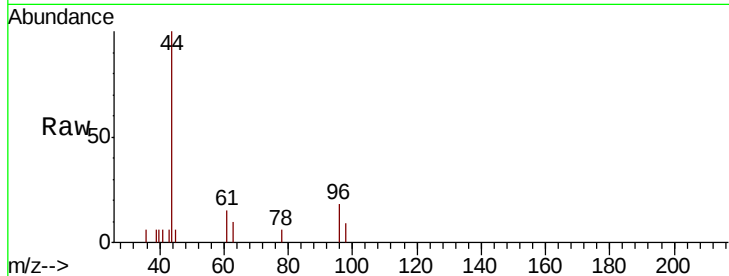




#18
trans-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV007975.D
Acq: 29 Sep 2018 01:23

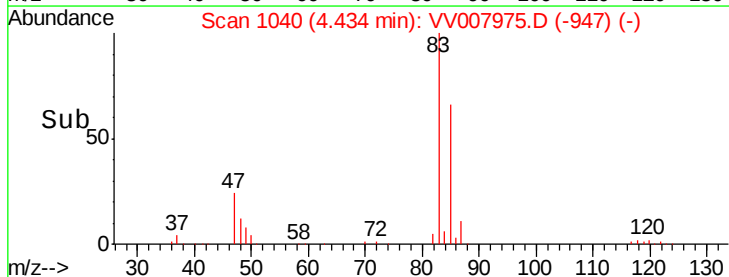
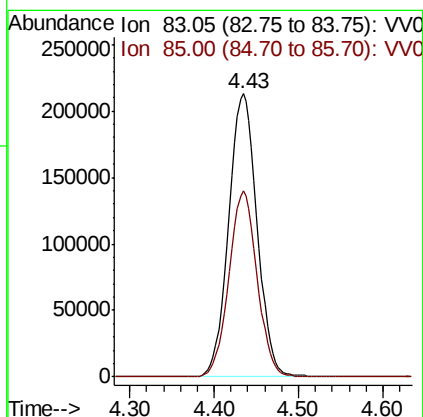
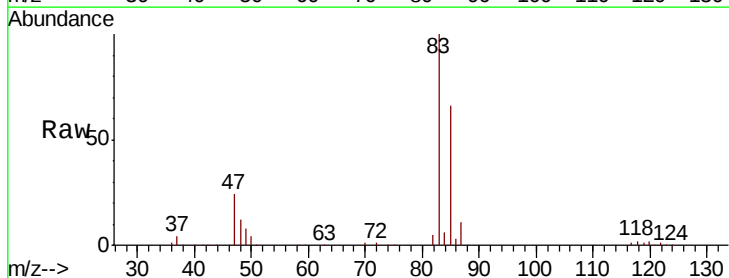
Instrument :
MSVOA_V
ClientSampled :
E62T0

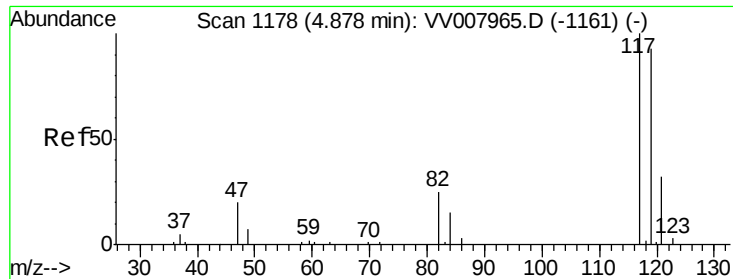
Tot Ion: 96 Resp: 612
Ion Ratio Lower Upper
96 100
61 85.5 94.2 175.0#
98 49.9 44.9 83.5



#25
Chloroform
Concen: 42.072 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007975.D
Acq: 29 Sep 2018 01:23

Tgt Ion: 83 Resp: 498832
Ion Ratio Lower Upper
83 100
85 65.6 44.8 83.2

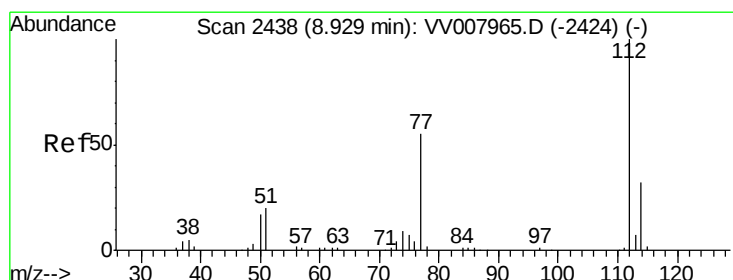
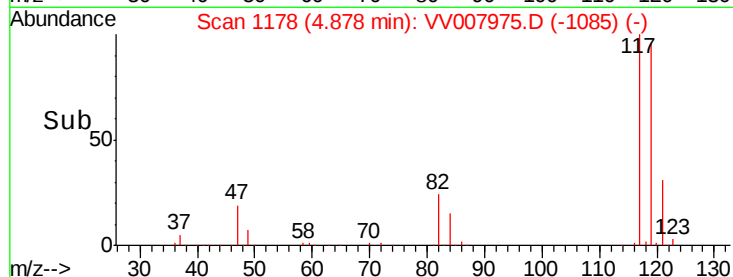
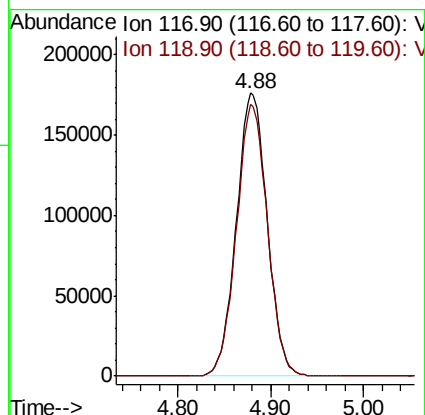
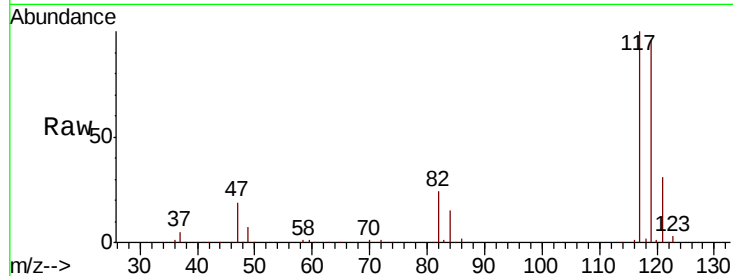




#31
Carbon tetrachloride
Concen: 45.858 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV007975.D
Acq: 29 Sep 2018 01:23

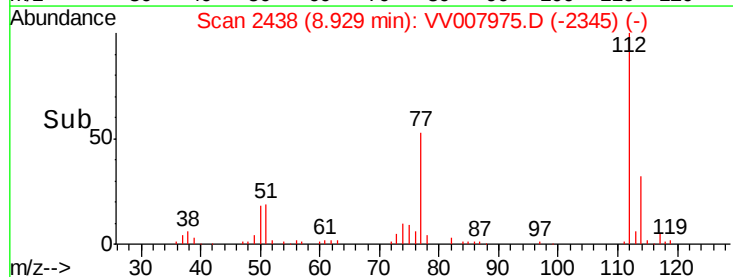
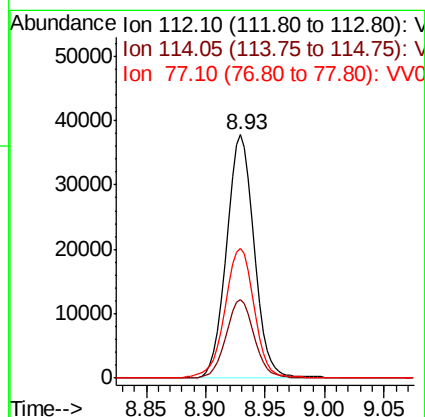
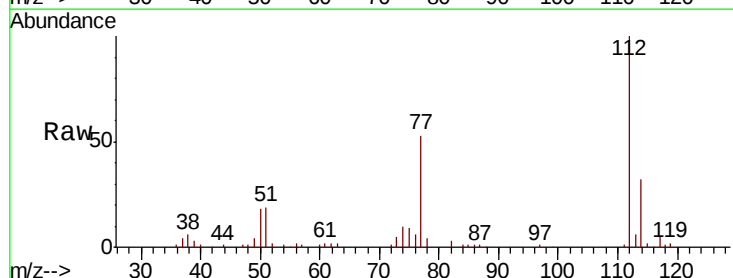
Instrument :
MSVOA_V
ClientSampleId :
E62T0

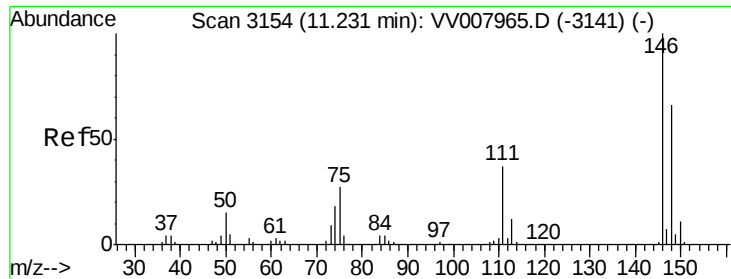
Tot Ion:117 Resp: 406312
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8



#51
Chlorobenzene
Concen: 3.388 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007975.D
Acq: 29 Sep 2018 01:23

Tgt Ion:112 Resp: 61002
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 53.2 45.0 67.6





#62

1,3-Dichlorobenzene

Concen: 2.340 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007975.D

Acq: 29 Sep 2018 01:23

Instrument :

MSVOA_V

ClientSampleId :

E62T0

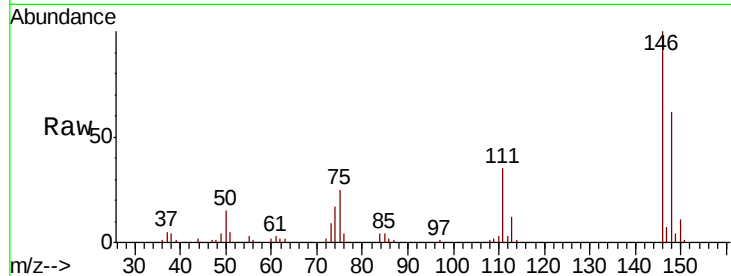
Tot Ion:146 Resp: 32810

Ion Ratio Lower Upper

146 100

111 35.3 25.8 48.0

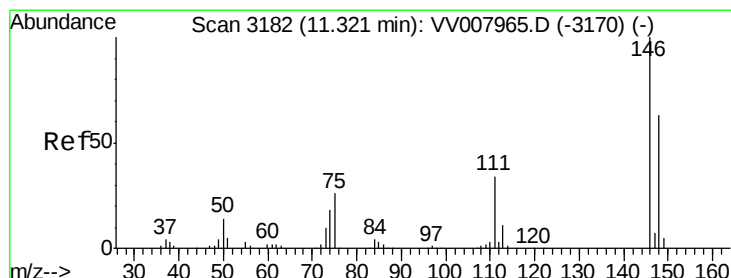
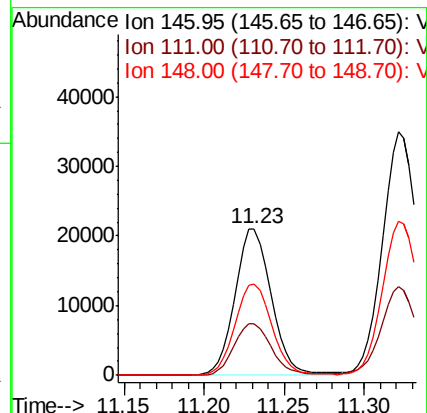
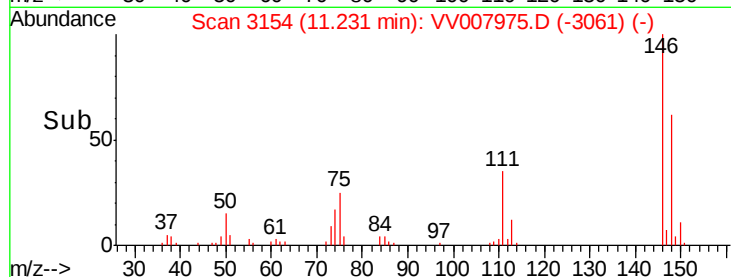
148 62.4 44.7 82.9



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: 3.840 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007975.D

Acq: 29 Sep 2018 01:23

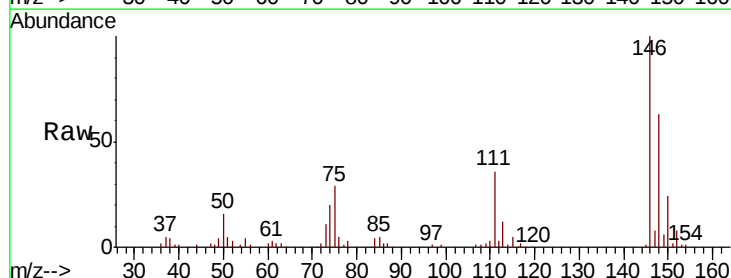
Tgt Ion:146 Resp: 55965

Ion Ratio Lower Upper

146 100

111 36.2 25.3 47.1

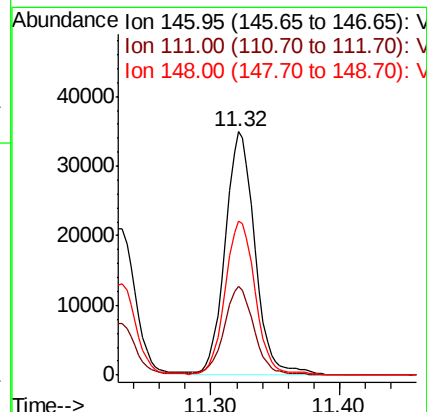
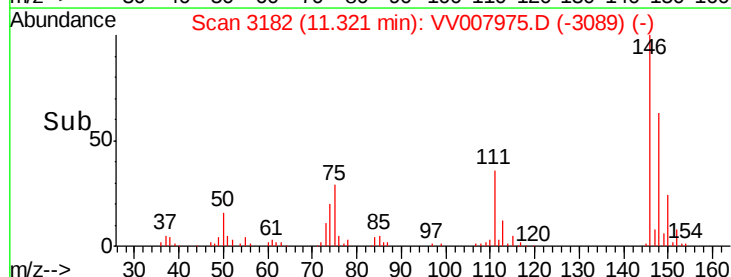
148 63.2 44.7 82.9

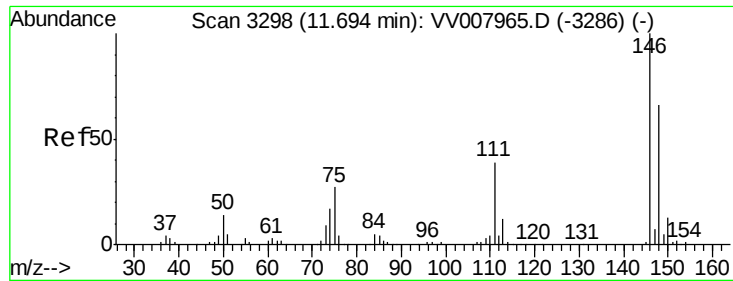


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.362 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007975.D

Acq: 29 Sep 2018 01:23

Instrument :

MSVOA_V

ClientSampleId :

E62T0

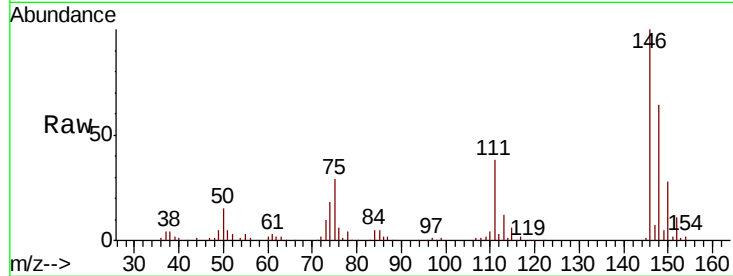
Tot Ion:146 Resp: 70862

Ion Ratio Lower Upper

146 100

111 38.4 31.2 46.8

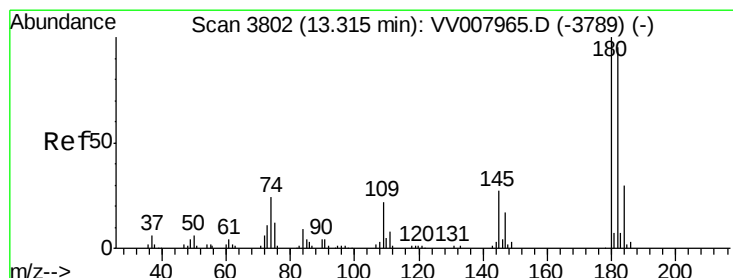
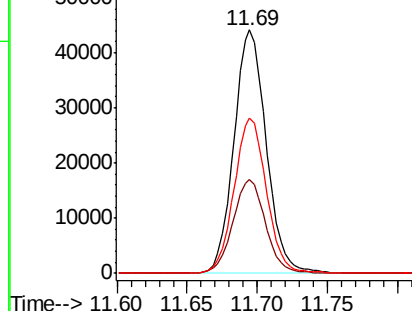
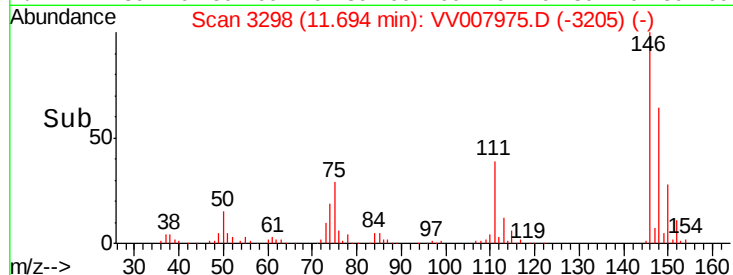
148 64.0 50.3 75.5



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



#68

1,2,4-trichlorobenzene

Concen: 0.909 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.00 min

Lab File: VV007975.D

Acq: 29 Sep 2018 01:23

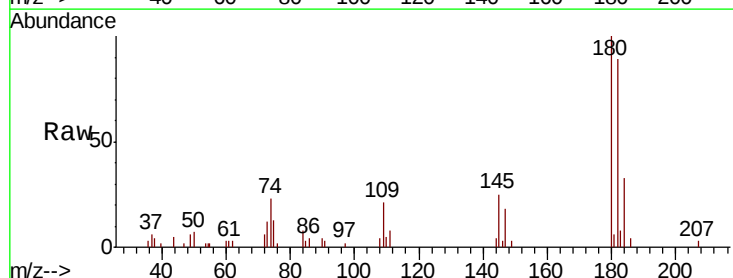
Tgt Ion:180 Resp: 9217

Ion Ratio Lower Upper

180 100

182 92.1 77.4 116.2

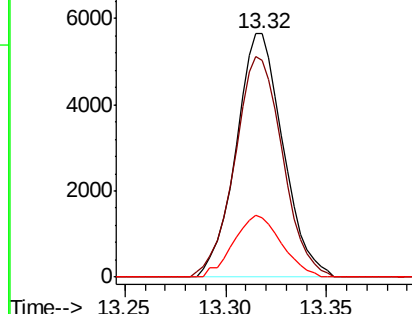
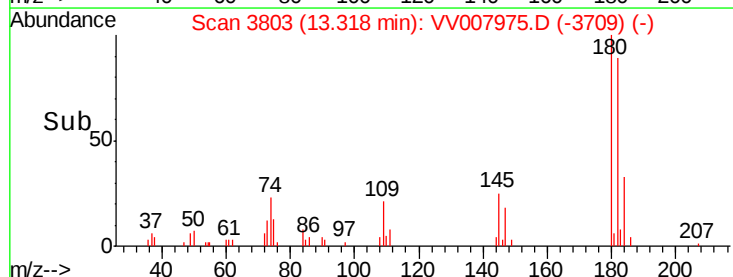
145 25.7 22.6 33.8

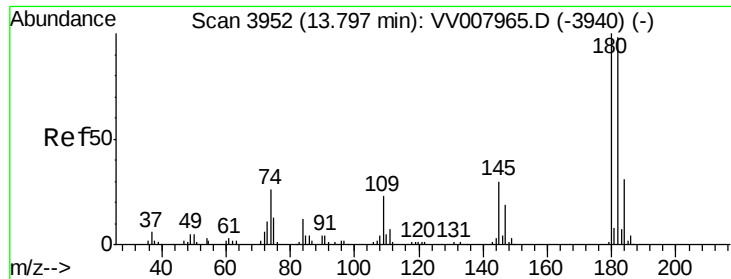


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.300 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007975.D
 Acq: 29 Sep 2018 01:23

Instrument :
 MSVOA_V
 ClientSampleId :
 E62T0

Tot Ion:180	Resp:	2753
Ion	Ratio	Lower Upper
180	100	
182	95.8	75.7 113.5
145	29.4	23.4 35.0

