

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007785.D
 Acq On : 23 Sep 2018 13:53
 Operator : SY/MD
 Sample : J5014-10
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JC4

Quant Time: Sep 24 07:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	173976	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87584	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36146	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.59	69	37827	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.04%
11) 1,1-Dichloroethene-d2	2.14	63	74799	33.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.10%
21) 2-Butanone-d5	3.95	46	60414	96.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.74%
24) Chloroform-d	4.41	84	89491	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
26) 1,2-Dichloroethane-d4	5.09	65	60705	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.11	84	176806	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
36) 1,2-Dichloropropane-d6	6.13	67	53459	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.36	98	184722	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%
43) trans-1,3-Dichloropropene-	7.67	79	24209	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.88%
47) 2-Hexanone-d5	8.14	63	42743	85.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.79%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79934	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.68	152	86662	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

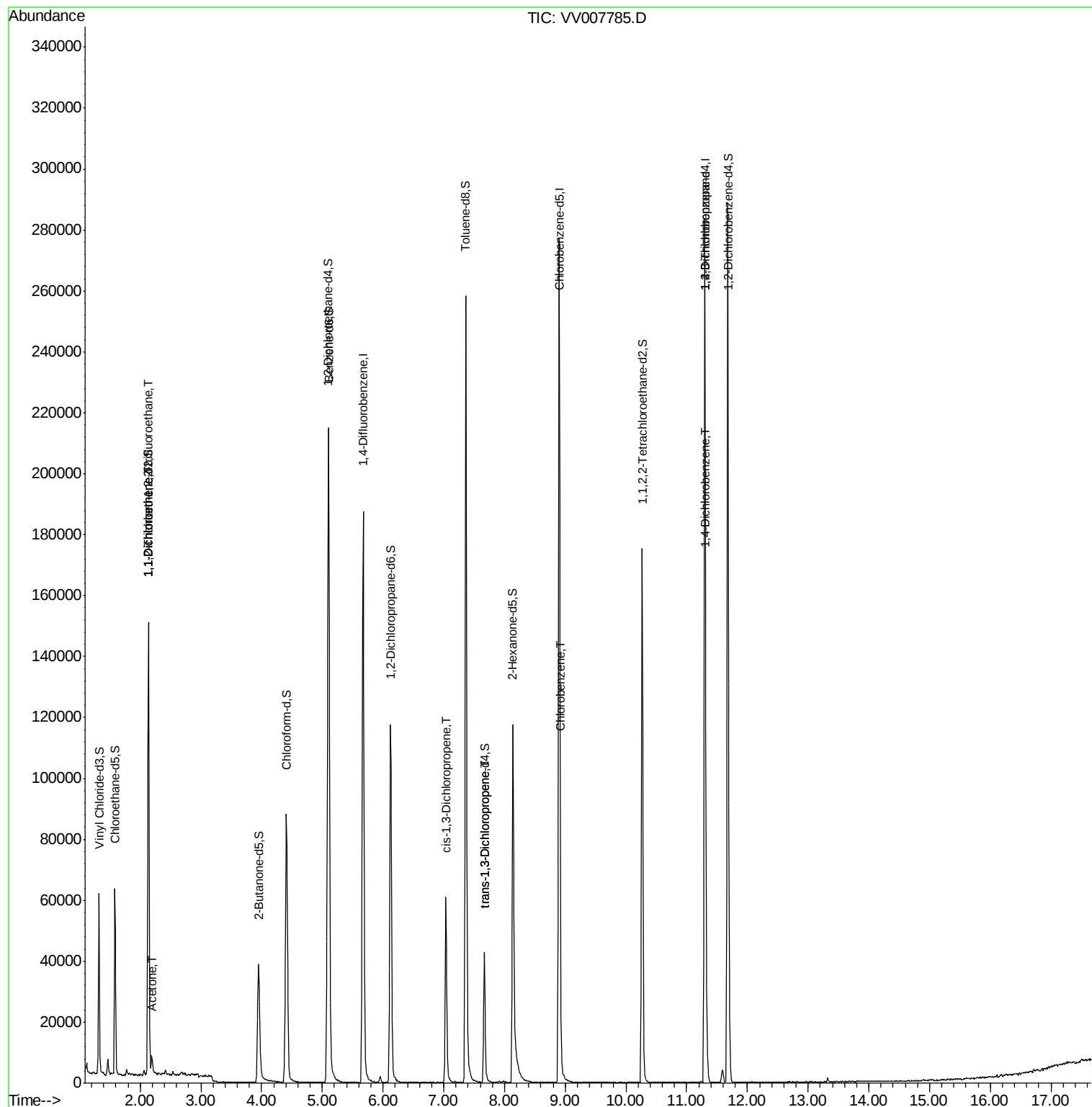
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	752	0.572 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	760	0.659 ug/L #	1
13) Acetone	2.19	43	4123	6.256 ug/L	96
39) cis-1,3-Dichloropropene	7.03	75	1711	1.059 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	1206	0.786 ug/L	88
51) Chlorobenzene	8.93	112	1569	0.460 ug/L	100
59) 1,2,3-Trichloropropane	11.30	75	8790	6.183 ug/L #	88
63) 1,4-Dichlorobenzene	11.32	146	1708	0.593 ug/L #	82

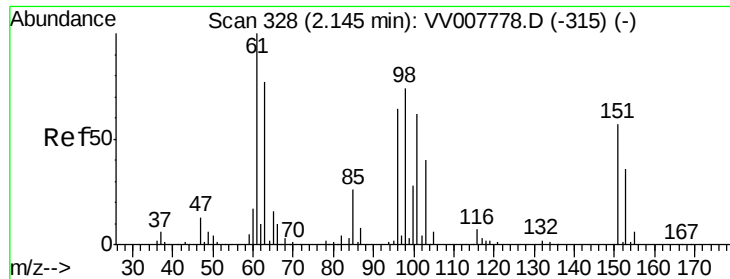
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration





#10

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

Concen: 0.572 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007785.D

Acq: 23 Sep 2018 13:53

Instrument :

MSVOA_V

ClientSampleId :

E8JC4

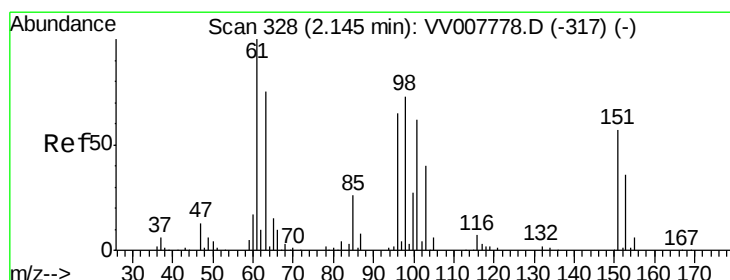
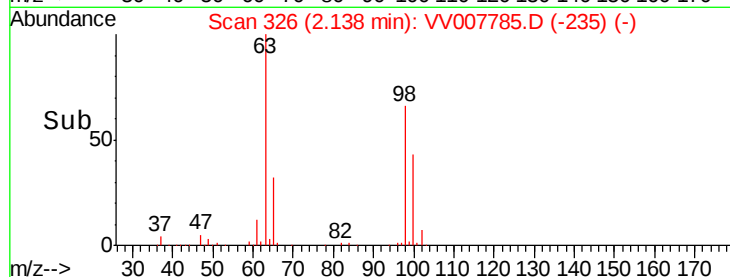
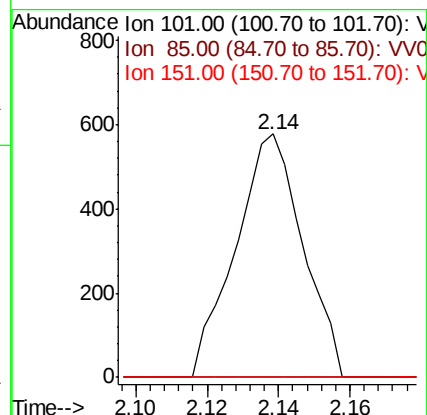
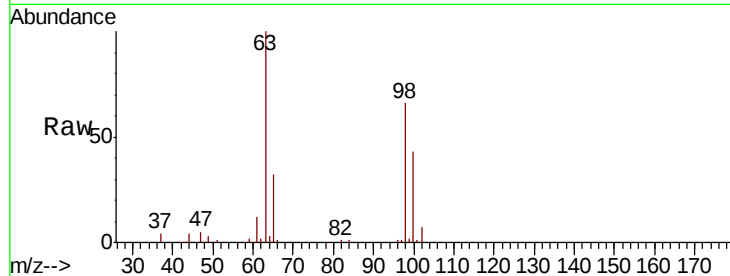
Tgt Ion: 101 Resp: 752

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

151 0.0 72.2 108.2#



#12

1,1-Dichloroethene

Concen: 0.659 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007785.D

Acq: 23 Sep 2018 13:53

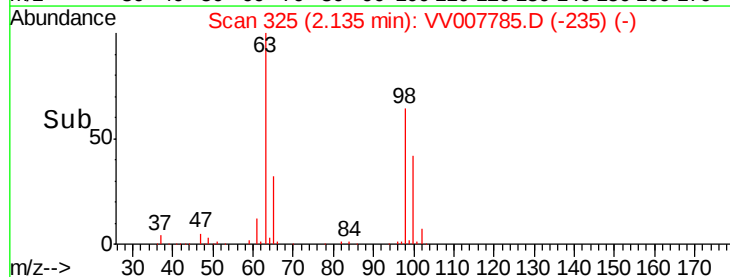
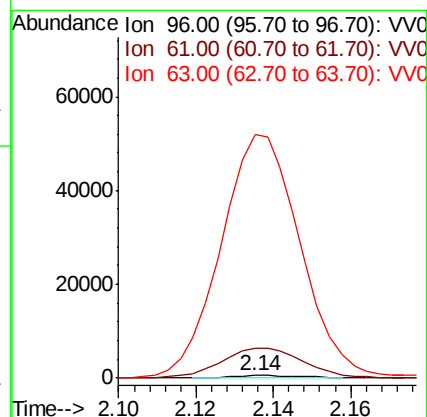
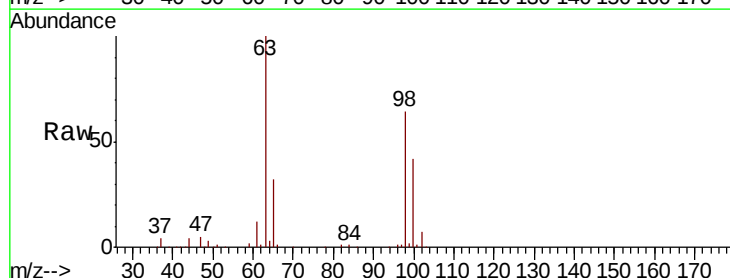
Tgt Ion: 96 Resp: 760

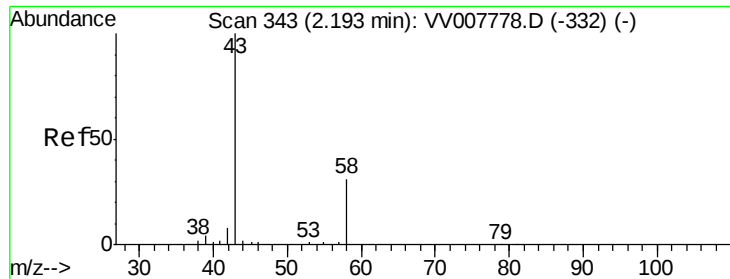
Ion Ratio Lower Upper

96 100

61 1157.6 107.3 199.3#

63 9338.1 78.8 146.4#





#13

Acetone

Concen: 6.256 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007785.D

Acq: 23 Sep 2018 13:53

Instrument :

MSVOA_V

ClientSampleId :

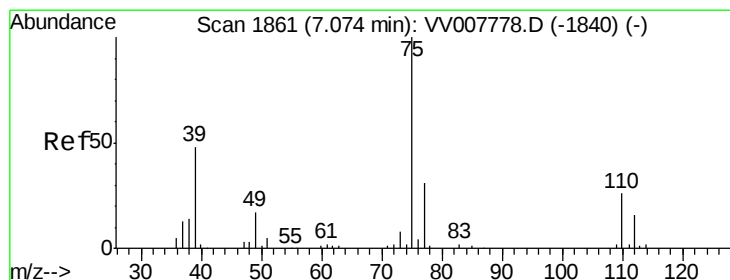
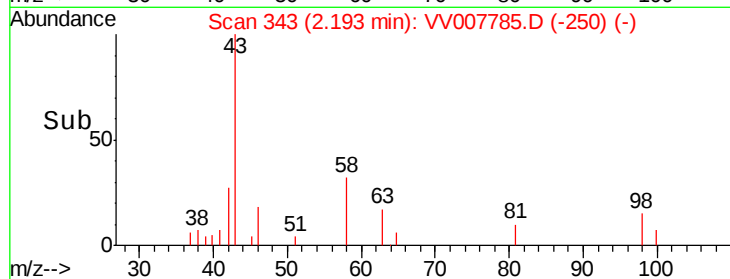
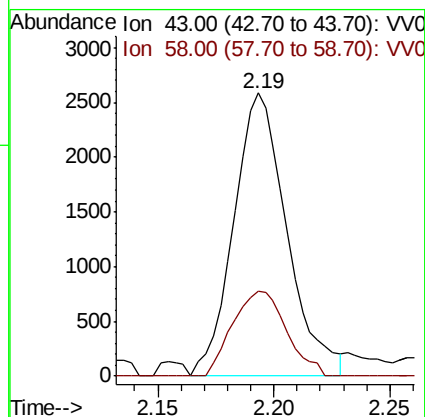
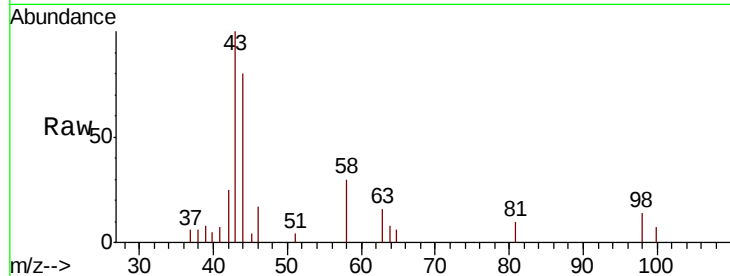
E8JC4

Tgt Ion: 43 Resp: 4123

Ion Ratio Lower Upper

43 100

58 30.4 0.0 65.2



#39

cis-1,3-Dichloropropene

Concen: 1.059 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007785.D

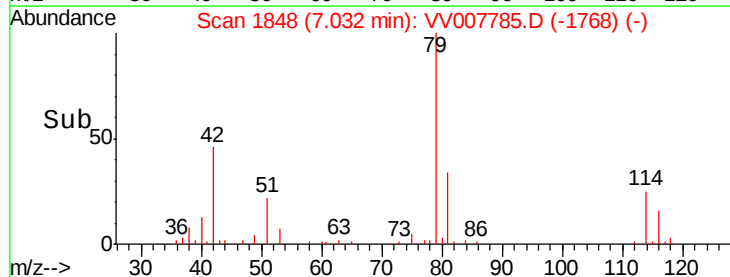
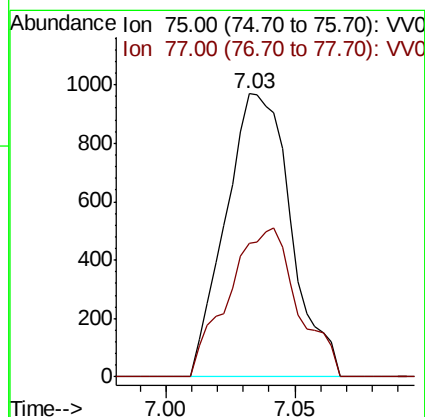
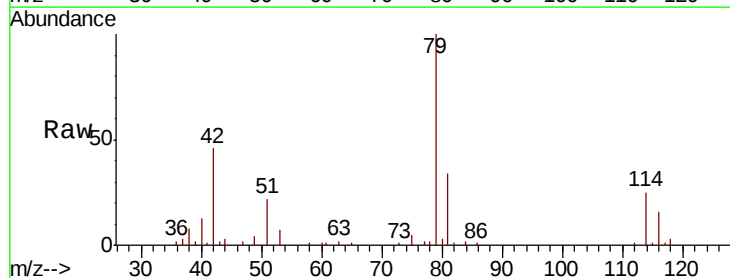
Acq: 23 Sep 2018 13:53

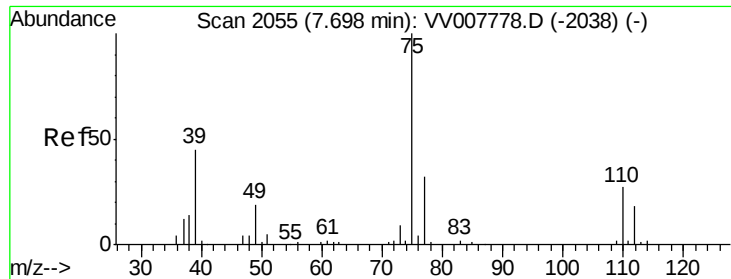
Tgt Ion: 75 Resp: 1711

Ion Ratio Lower Upper

75 100

77 47.2 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.786 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007785.D

Acq: 23 Sep 2018 13:53

Instrument :

MSVOA_V

ClientSampleId :

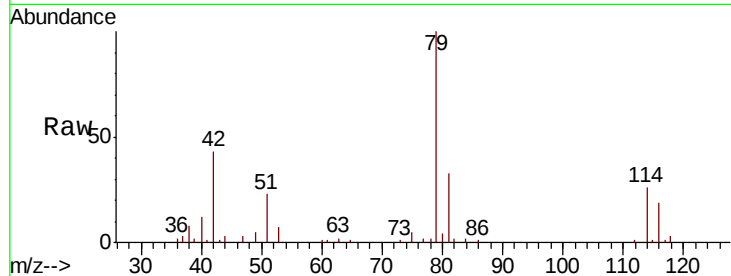
E8JC4

Tgt Ion: 75 Resp: 1206

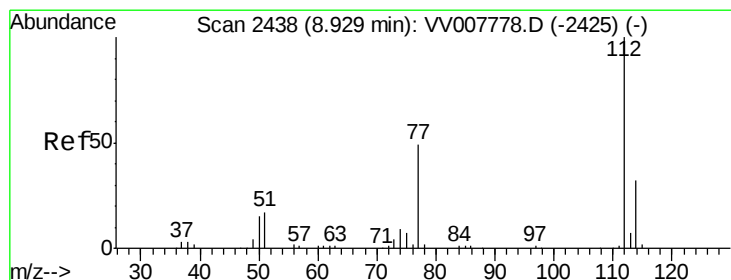
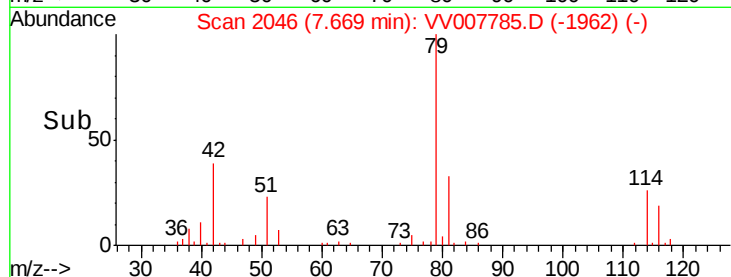
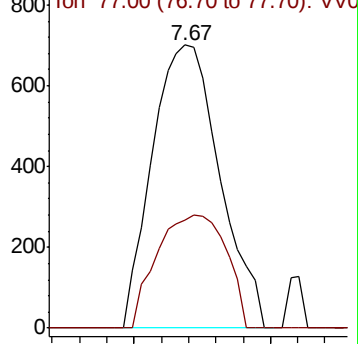
Ion Ratio Lower Upper

75 100

77 37.9 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-2038) (-)



#51

Chlorobenzene

Concen: 0.460 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV007785.D

Acq: 23 Sep 2018 13:53

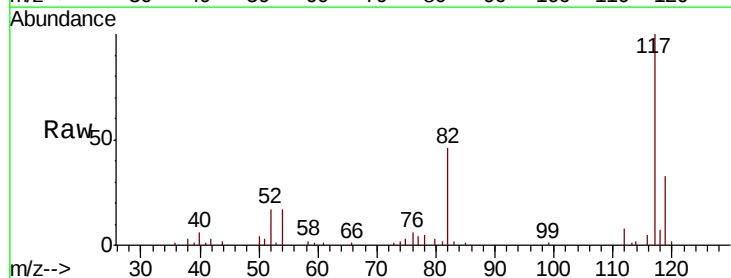
Tgt Ion: 112 Resp: 1569

Ion Ratio Lower Upper

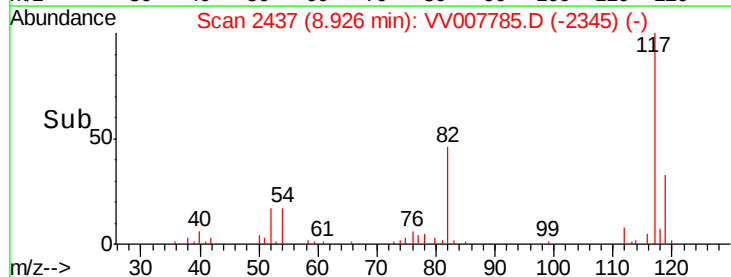
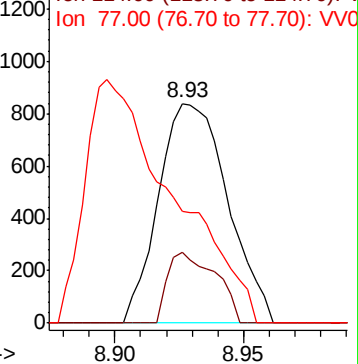
112 100

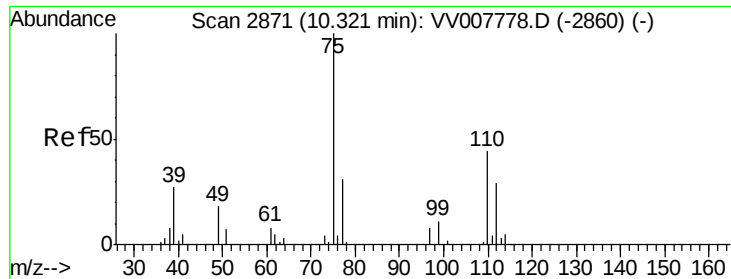
114 32.1 22.3 41.3

77 50.8 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): VV007778.D (-2425) (-)

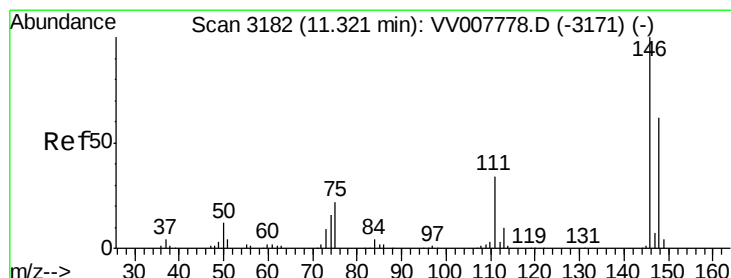
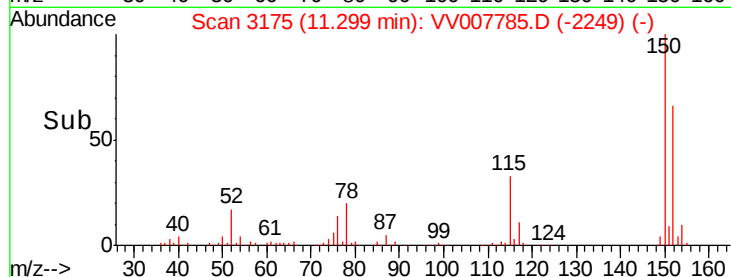
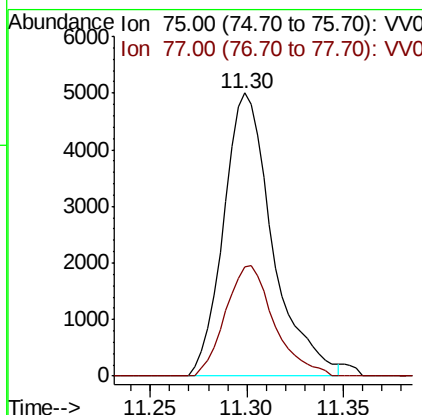
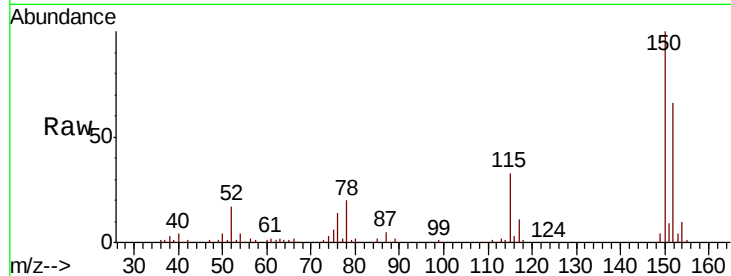




#59
 1,2,3-Trichloropropane
 Concen: 6.183 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV007785.D
 Acq: 23 Sep 2018 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JC4

Tgt Ion: 75 Resp: 8790
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.6 38.4#



#63
 1,4-Dichlorobenzene
 Concen: 0.593 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV007785.D
 Acq: 23 Sep 2018 13:53

Tgt Ion: 146 Resp: 1708
 Ion Ratio Lower Upper
 146 100
 111 45.4 24.4 45.4#
 148 79.0 45.1 83.7

