

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007776.D
 Acq On : 23 Sep 2018 09:13
 Operator : SY/MD
 Sample : J5013-17DL 5X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4DL

Quant Time: Sep 24 05:18:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178207	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36344	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.04%
7) Chloroethane-d5	1.59	69	37087	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.14	63	73440	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	3.95	46	57692	90.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.19%
24) Chloroform-d	4.41	84	88372	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.09	65	59331	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
32) Benzene-d6	5.11	84	173715	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.13	67	52892	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.48%
41) Toluene-d8	7.36	98	181862	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%
43) trans-1,3-Dichloropropene-	7.67	79	20964	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
47) 2-Hexanone-d5	8.14	63	42555	81.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.75%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78637	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	84824	43.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.92%

Target Compounds

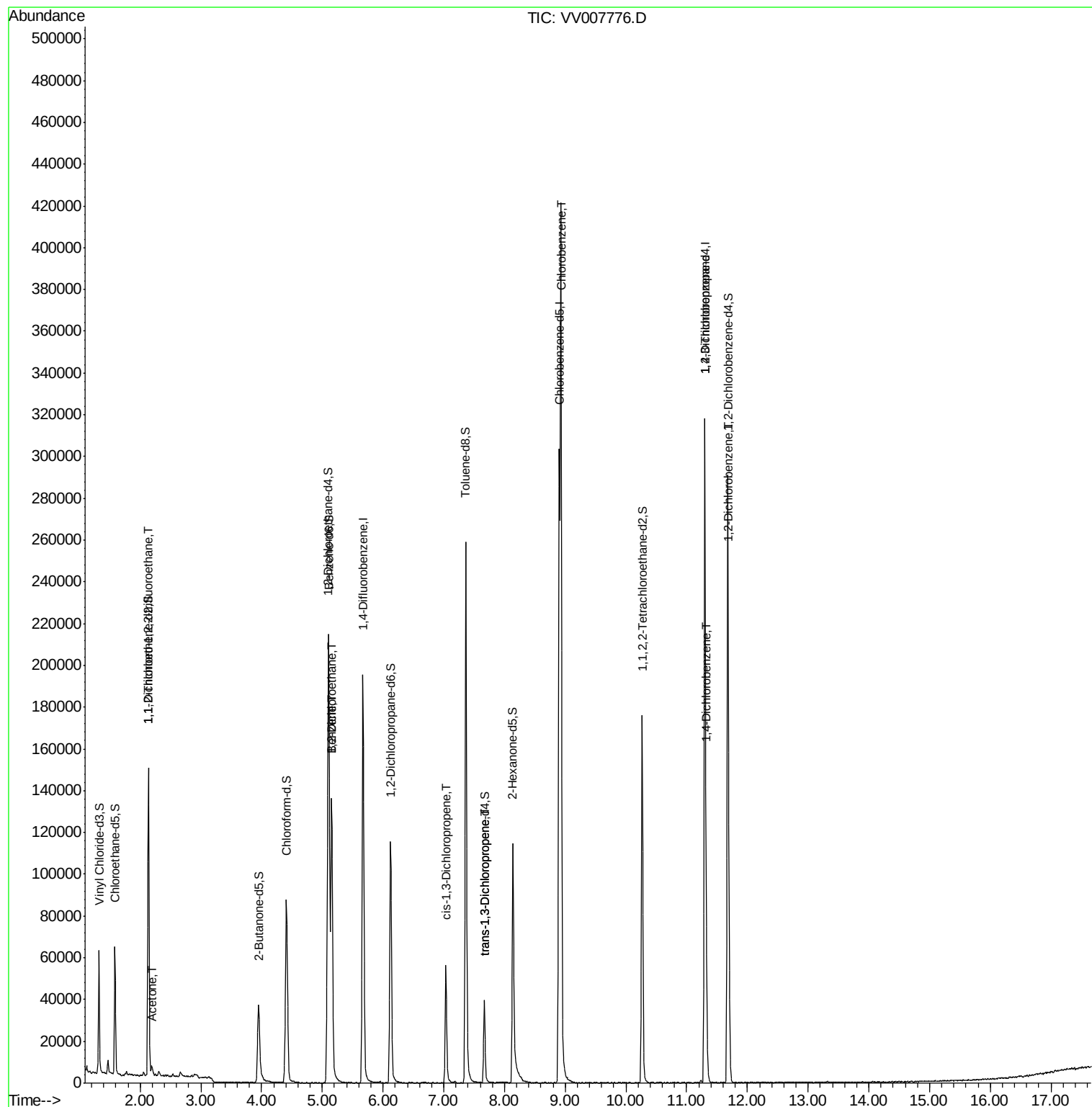
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	816	0.606	ug/L #	14
13) Acetone	2.19	43	2252	3.336	ug/L	99
27) 1,2-Dichloroethane	5.15	62	1109	0.685	ug/L #	74
33) Benzene	5.15	78	132495	31.763	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	1598	0.947	ug/L #	76
44) trans-1,3-Dichloropropene	7.67	75	1086	0.678	ug/L	86
51) Chlorobenzene	8.93	112	232528	65.287	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	13310	8.962	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	17192	5.573	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	16661	5.540	ug/L	96

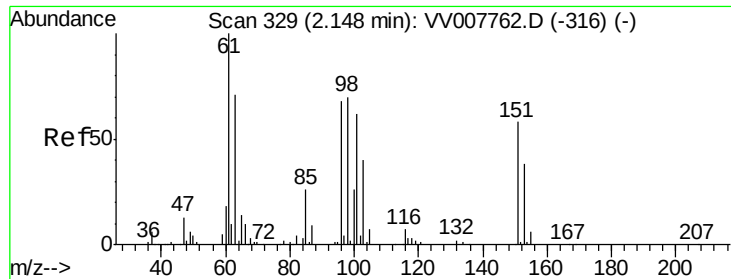
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.606 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007776.D

Acq: 23 Sep 2018 09:13

Instrument :

MSVOA_V

ClientSampled :

C08S4DL

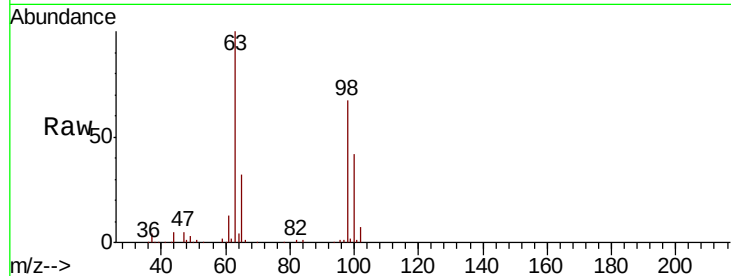
Tgt Ion: 101 Resp: 816

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

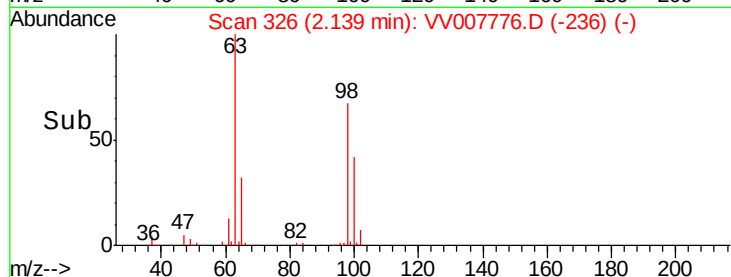
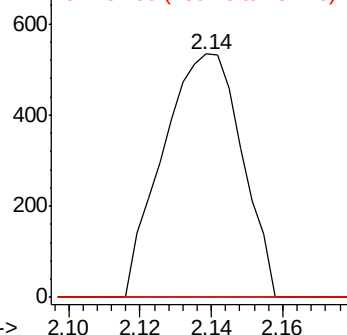
151 0.0 72.2 108.2#



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



#13

Acetone

Concen: 3.336 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007776.D

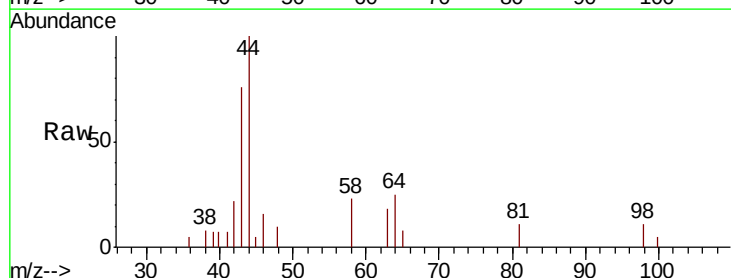
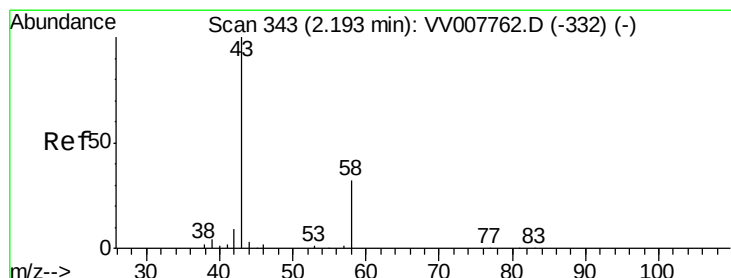
Acq: 23 Sep 2018 09:13

Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

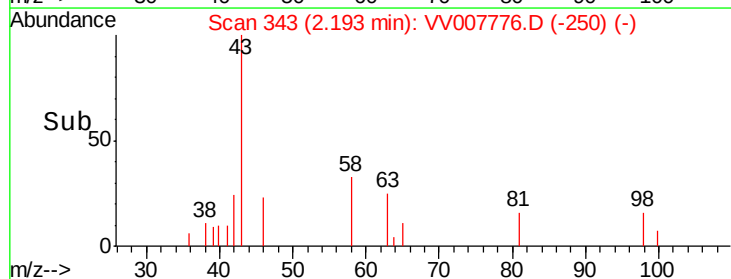
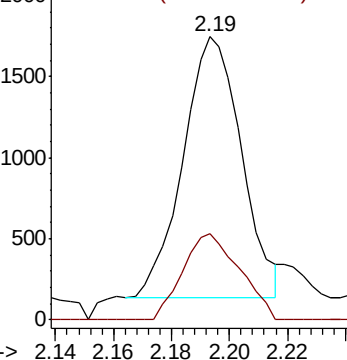
43 100

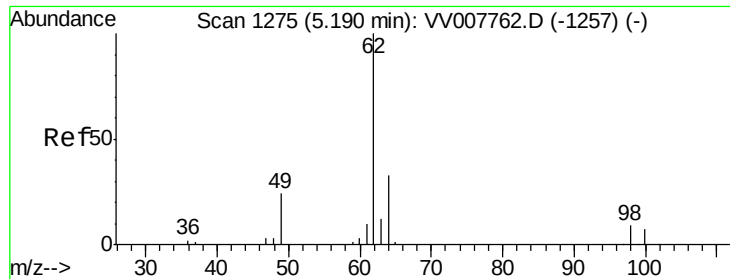
58 32.1 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

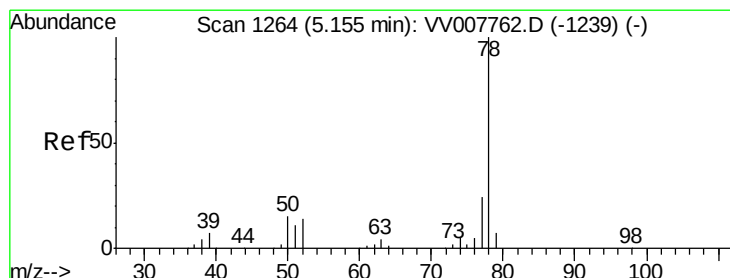
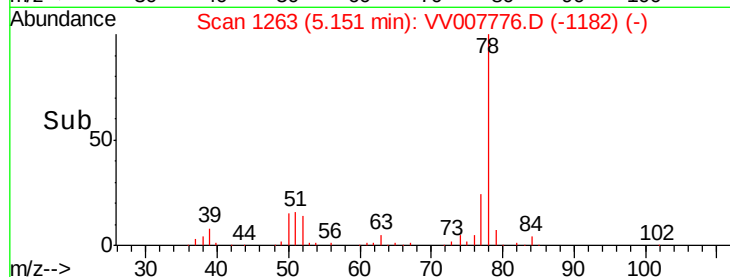
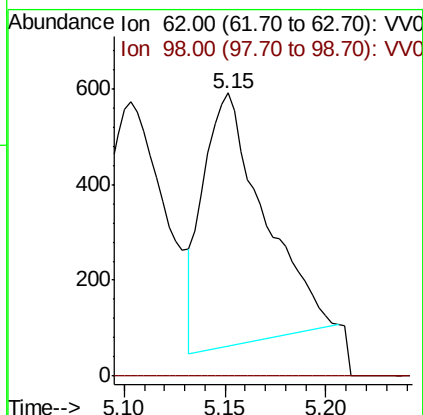
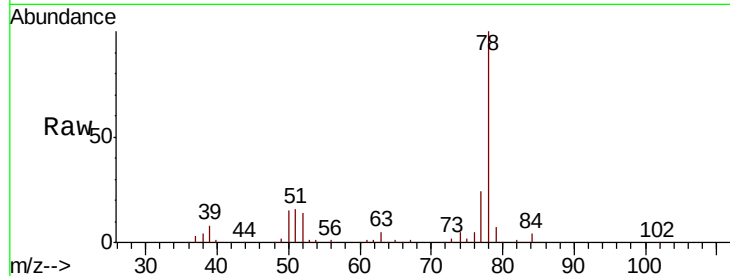




#27
 1,2-Dichloroethane
 Concen: 0.685 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

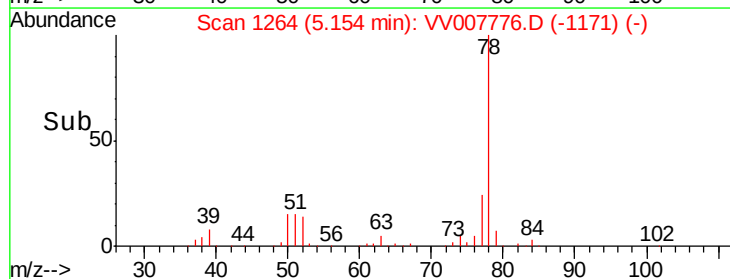
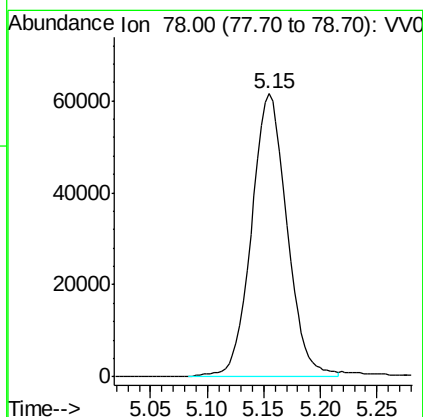
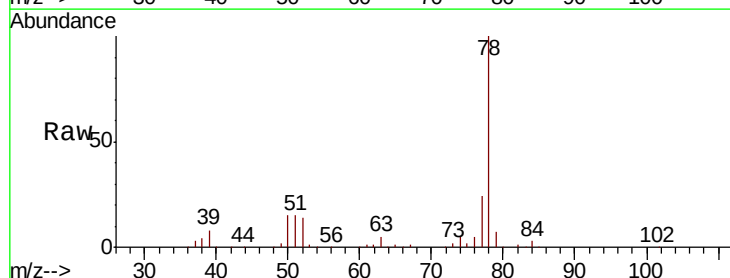
Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4DL

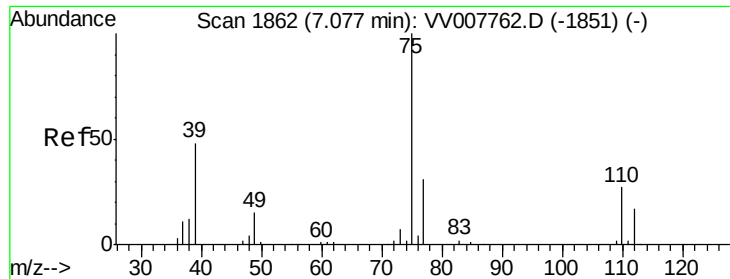
Tgt Ion: 62 Resp: 1109
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#33
 Benzene
 Concen: 31.763 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

Tgt Ion: 78 Resp: 132495

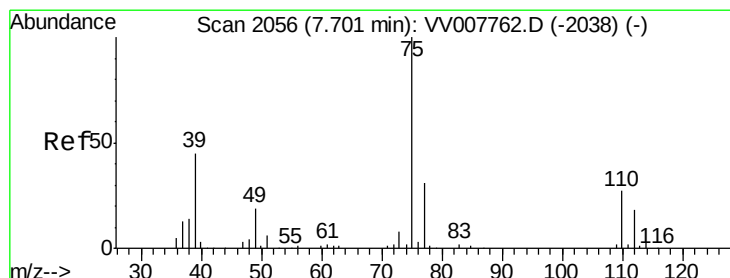
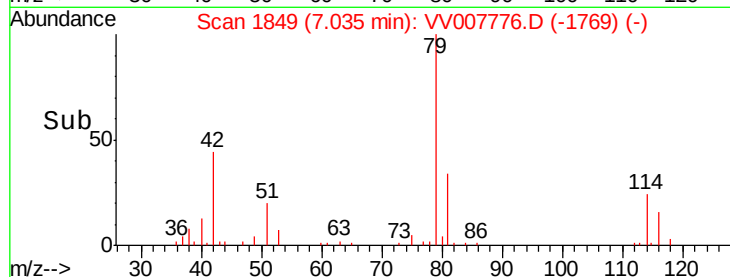
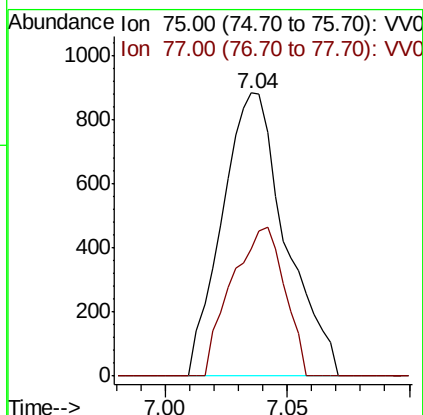
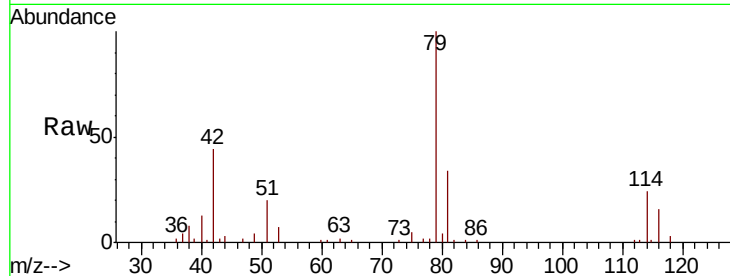




#39
 cis-1,3-Dichloropropene
 Concen: 0.947 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

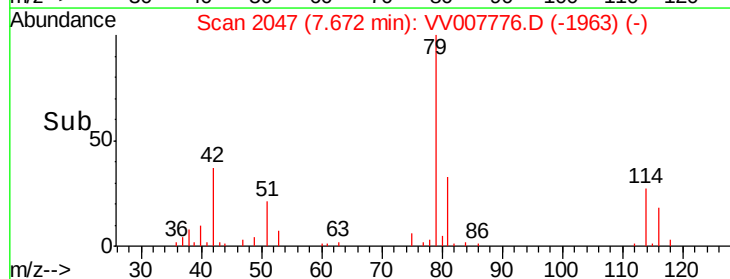
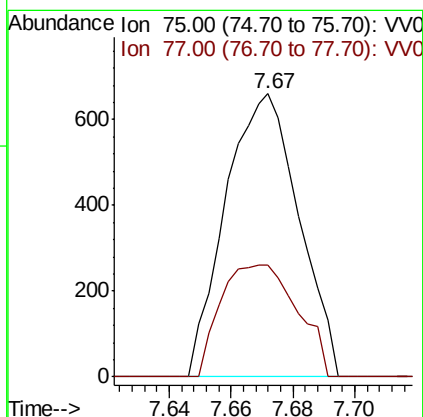
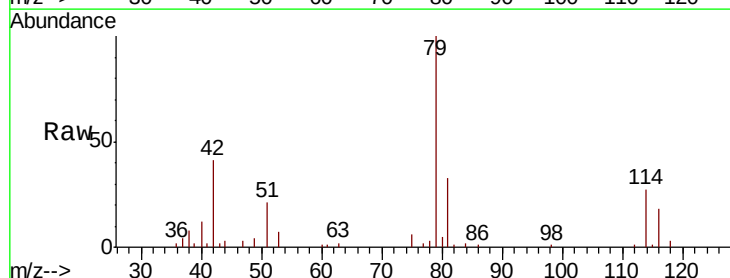
Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4DL

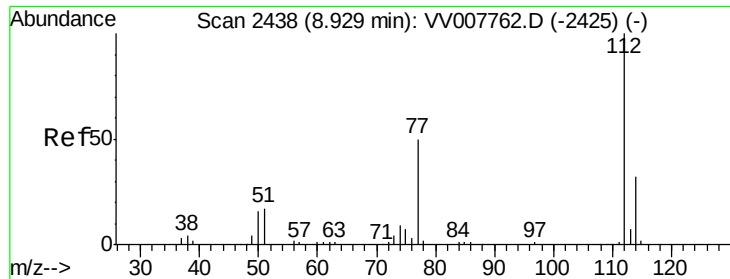
Tgt Ion: 75 Resp: 1598
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.678 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

Tgt Ion: 75 Resp: 1086
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.0 40.8





#51

Chlorobenzene

Concen: 65.287 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007776.D

Acq: 23 Sep 2018 09:13

Instrument :

MSVOA_V

ClientSampleId :

C08S4DL

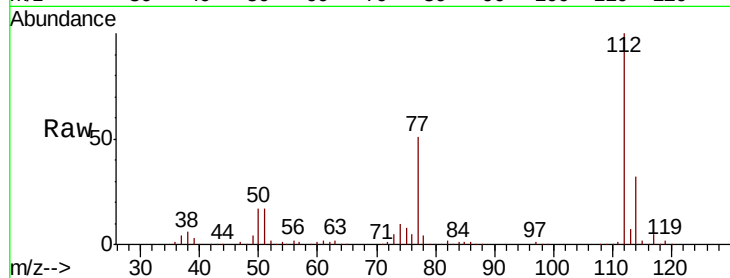
Tgt Ion: 112 Resp: 232528

Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.3

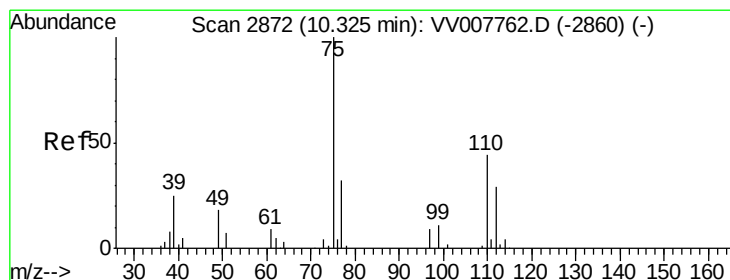
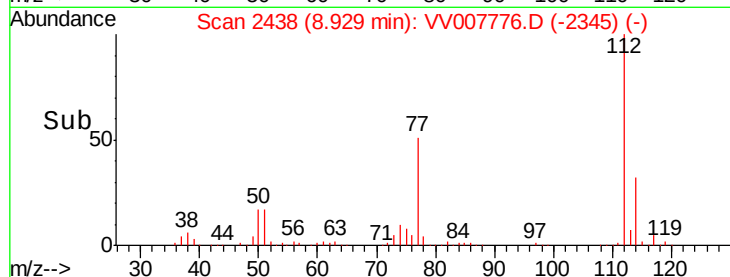
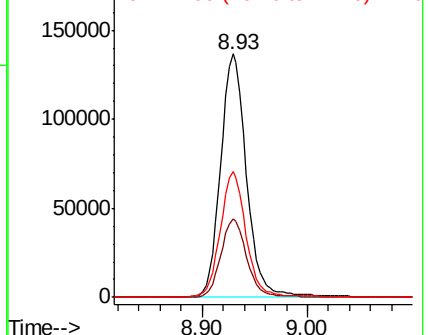
77 51.4 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 8.962 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007776.D

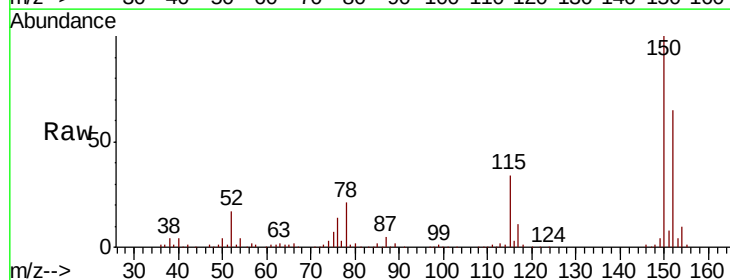
Acq: 23 Sep 2018 09:13

Tgt Ion: 75 Resp: 13310

Ion Ratio Lower Upper

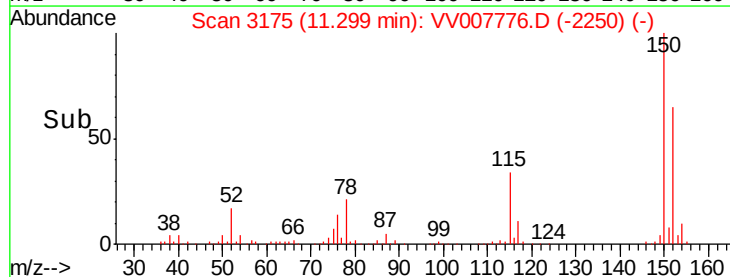
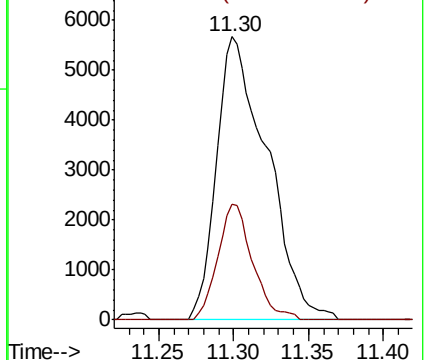
75 100

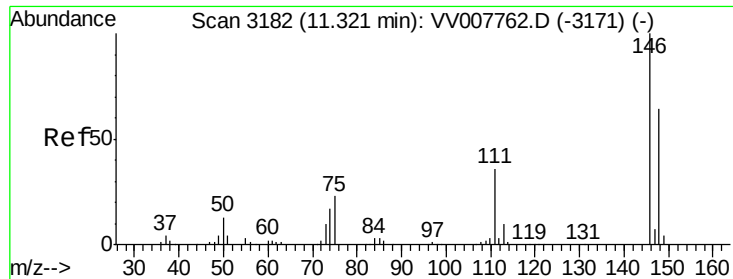
77 28.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

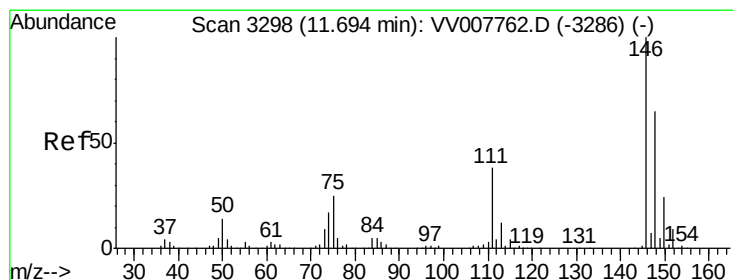
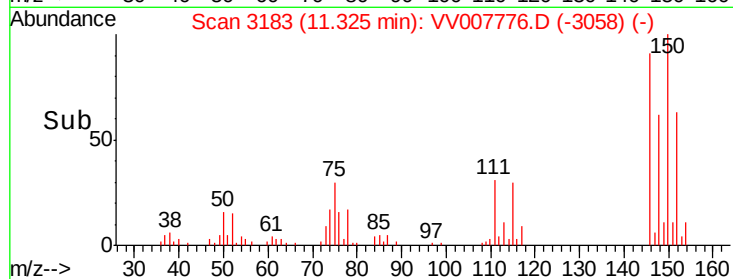
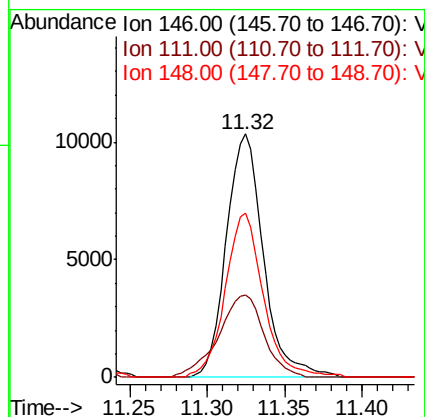
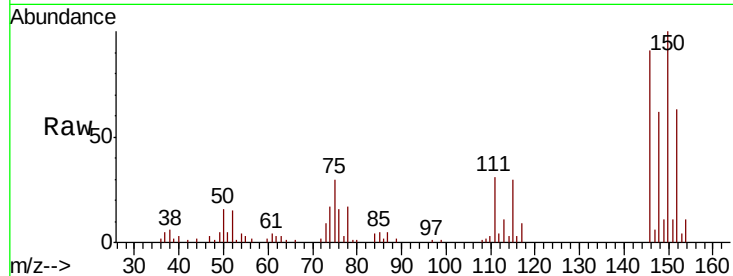




#63
 1,4-Dichlorobenzene
 Concen: 5.573 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

Instrument :
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 ClientSampleId :
 C08S4DL

Tgt Ion:146 Resp: 17192
 Ion Ratio Lower Upper
 146 100
 111 33.9 24.4 45.4
 148 67.7 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 5.540 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007776.D
 Acq: 23 Sep 2018 09:13

Tgt Ion:146 Resp: 16661
 Ion Ratio Lower Upper
 146 100
 111 39.2 29.8 44.8
 148 66.4 50.8 76.2

