

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
 Data File : VV006427.D
 Acq On : 25 Jun 2018 11:45
 Operator : SY/MD
 Sample : VSTD00582
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

Quant Time: Jun 26 06:01:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:00:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	347465	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	319035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	153236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111925	4.90	ug/L	0.00
7) Chloroethane-d5	1.59	69	87270	4.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	196266	4.85	ug/L	0.00
20) 2-Butanone-d5	3.98	46	210983	50.58	ug/L	0.00
24) Chloroform-d	4.41	84	189927	4.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	89742	4.92	ug/L	0.00
32) Benzene-d6	5.11	84	402960	4.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	119651	4.83	ug/L	0.00
41) Toluene-d8	7.37	98	386399	4.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	44140	4.84	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	180718	50.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75831	4.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	137360	4.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	124506	4.888 ug/L	100
3) Chloromethane	1.26	50	124839	4.783 ug/L	100
5) Vinyl chloride	1.32	62	137861	4.861 ug/L	100
6) Bromomethane	1.54	94	78617	4.786 ug/L	100
8) Chloroethane	1.60	64	85054	4.728 ug/L	100
9) Trichlorofluoromethane	1.77	101	167808	4.923 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103079	4.814 ug/L	100
12) 1,1-Dichloroethene	2.14	96	99775	4.748 ug/L	100
13) Acetone	2.23	43	134351	51.199 ug/L	100
14) Carbon disulfide	2.32	76	282191	4.756 ug/L	100
15) Methyl Acetate	2.48	43	39535	5.117 ug/L	100
16) Methylene chloride	2.54	84	109503	4.449 ug/L	100
17) Methyl tert-butyl Ether	2.82	73	246109	4.832 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	110373	4.798 ug/L	100
19) 1,1-Dichloroethane	3.23	63	196100	4.786 ug/L	100
21) 2-Butanone	4.06	43	224868	49.673 ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	121572	4.806 ug/L	100
23) Bromochloromethane	4.31	128	49585	4.824 ug/L	100
25) Chloroform	4.44	83	197551	4.784 ug/L	100
27) 1,2-Dichloroethane	5.19	62	111597	4.809 ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	167721	4.821 ug/L	100
30) Cyclohexane	4.73	56	169197	4.866 ug/L	100
31) Carbon tetrachloride	4.88	117	140072	4.800 ug/L	100
33) Benzene	5.15	78	451302	4.790 ug/L	100
34) Trichloroethene	5.96	95	125243	4.647 ug/L	100
35) Methylcyclohexane	6.18	83	193220	4.930 ug/L	100
37) 1,2-Dichloropropane	6.23	63	111448	4.840 ug/L	100
38) Bromodichloromethane	6.56	83	125468	4.734 ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	155542	4.855 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	542327	48.406 ug/L	100

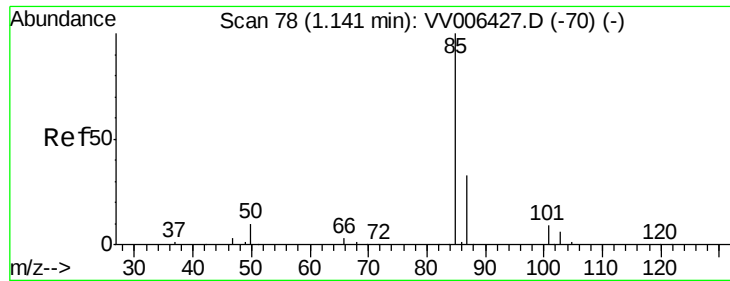
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	482388	4.835	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	121391	4.830	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	76884	4.835	ug/L	100
47) Tetrachloroethene	8.02	164	97756	4.801	ug/L	100
48) 2-Hexanone	8.20	43	391541	48.577	ug/L	100
49) Dibromochloromethane	8.30	129	82050	4.840	ug/L	100
50) 1,2-Dibromoethane	8.40	107	69665	4.873	ug/L	100
51) Chlorobenzene	8.93	112	317133	4.803	ug/L	100
52) Ethylbenzene	9.06	91	526532	4.874	ug/L	100
53) m,p-xylene	9.19	106	203057	4.874	ug/L	100
54) o-xylene	9.59	106	198781	4.864	ug/L	100
55) Styrene	9.61	104	331008	4.950	ug/L	100
56) Isopropylbenzene	9.98	105	523933	4.920	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	73523	4.902	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	60994	4.870	ug/L	100
61) Bromoform	9.78	173	41006	4.768	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	245194	4.858	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	243118	4.816	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	228017	4.827	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9709	4.837	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	184338	4.806	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	142036	5.050	ug/L	100
69) Naphthalene	13.56	128	212223	5.163	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	131193	5.011	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 4.888 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

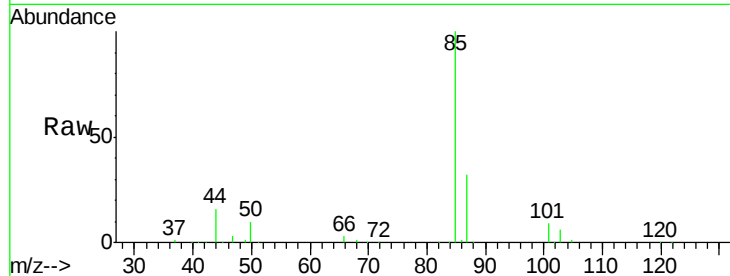
VSTD00582

Tgt Ion: 85 Resp: 124506

Ion Ratio Lower Upper

85 100

87 32.4 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VV006427.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006427.D (-70) (-)

1.14

120000

100000

80000

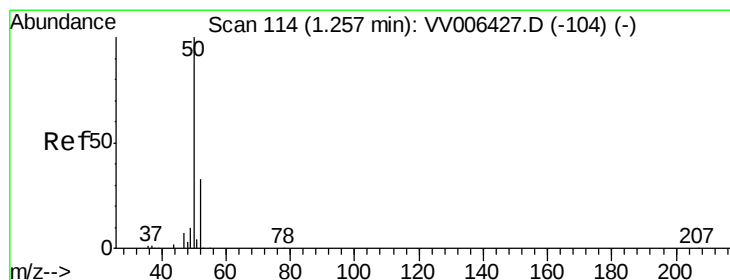
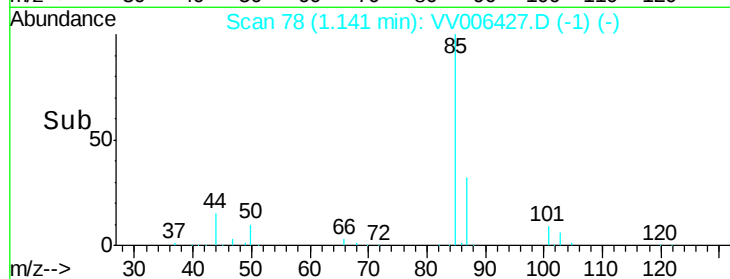
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 4.783 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006427.D

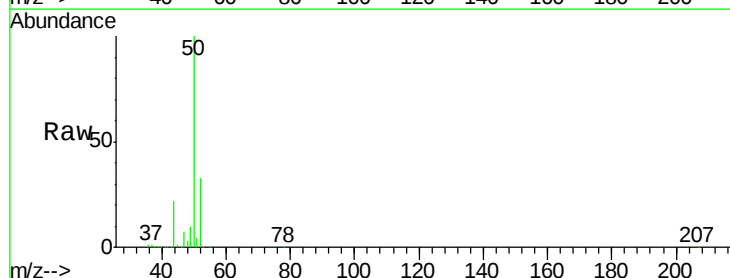
Acq: 25 Jun 2018 11:45

Tgt Ion: 50 Resp: 124839

Ion Ratio Lower Upper

50 100

52 32.7 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV006427.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006427.D (-104) (-)

1.26

80000

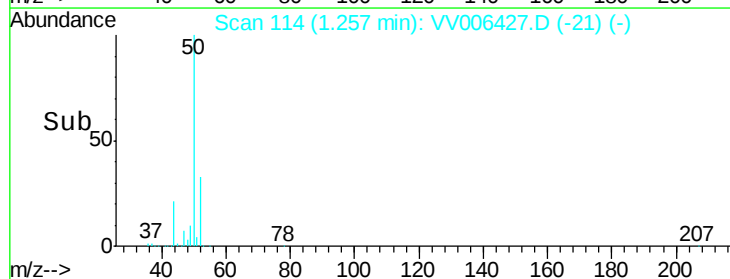
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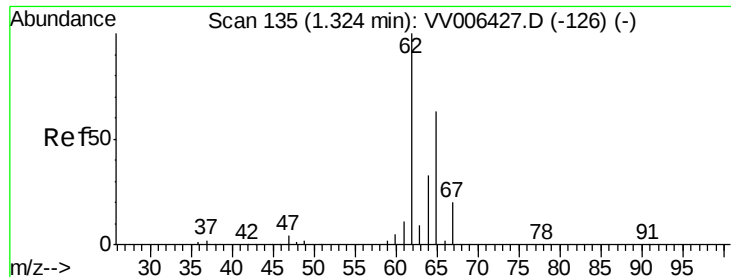
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 4.861 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

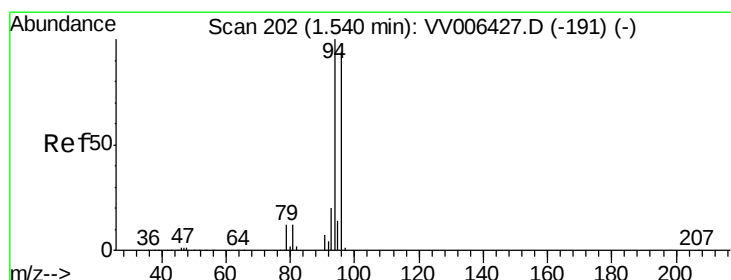
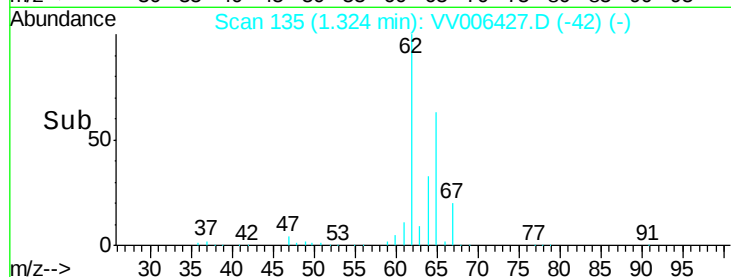
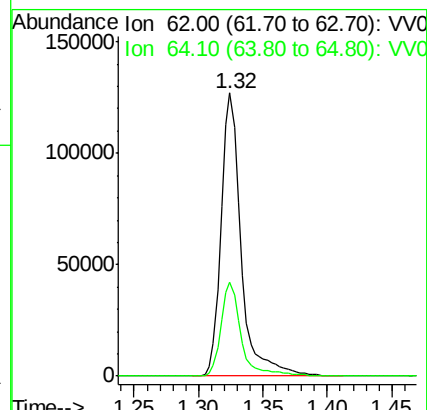
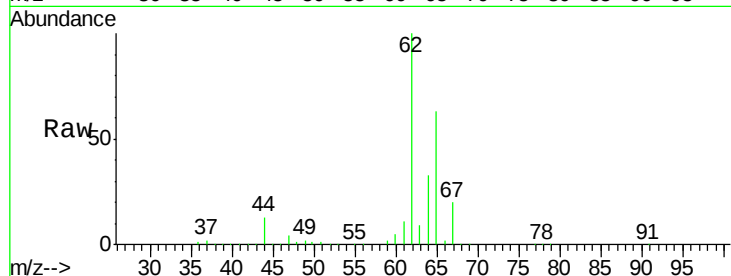
VSTD00582

Tgt Ion: 62 Resp: 137861

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 4.786 ug/L

RT: 1.54 min Scan# 202

Delta R.T. 0.00 min

Lab File: VV006427.D

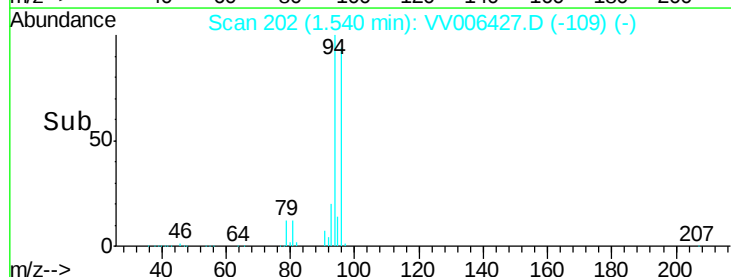
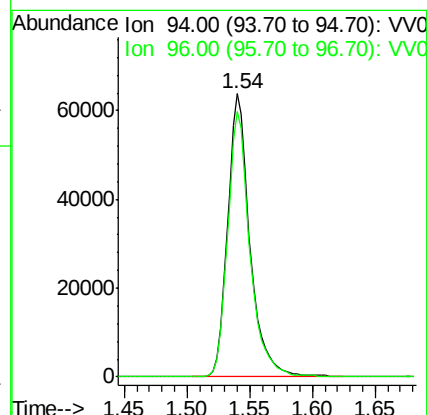
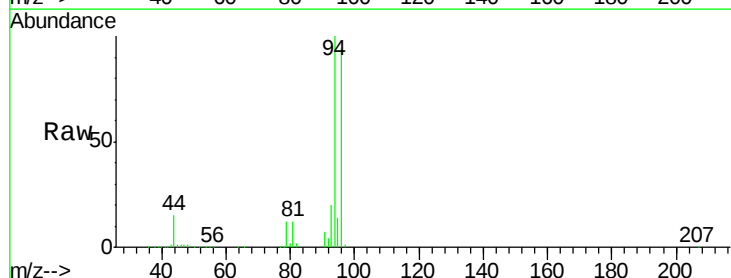
Acq: 25 Jun 2018 11:45

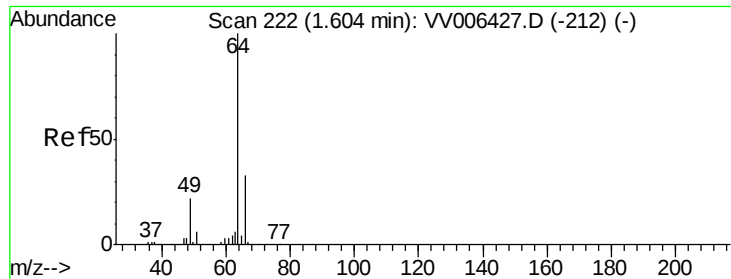
Tgt Ion: 94 Resp: 78617

Ion Ratio Lower Upper

94 100

96 93.9 65.7 122.1





#8

Chloroethane

Concen: 4.728 ug/L

RT: 1.60 min Scan# 222

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

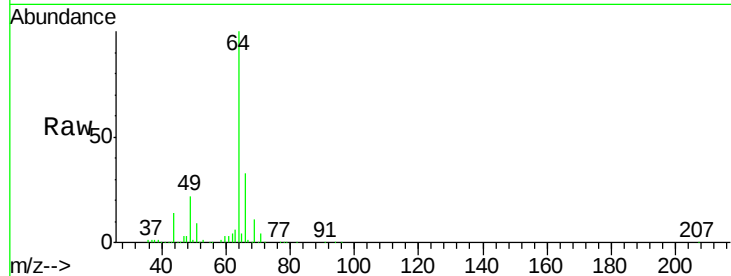
VSTD00582

Tgt Ion: 64 Resp: 85054

Ion Ratio Lower Upper

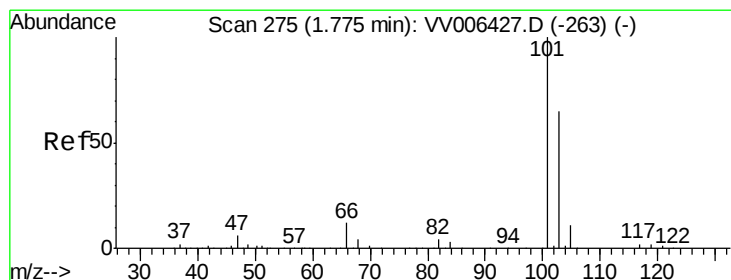
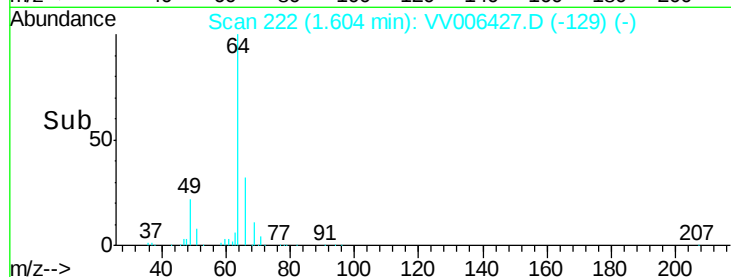
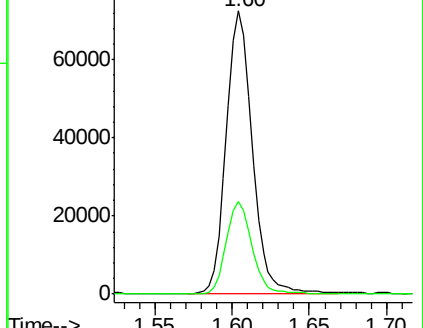
64 100

66 32.6 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV006427.D (-212) (-)

Ion 66.05 (65.75 to 66.75): VV006427.D (-212) (-)



#9

Trichlorofluoromethane

Concen: 4.923 ug/L

RT: 1.77 min Scan# 275

Delta R.T. 0.00 min

Lab File: VV006427.D

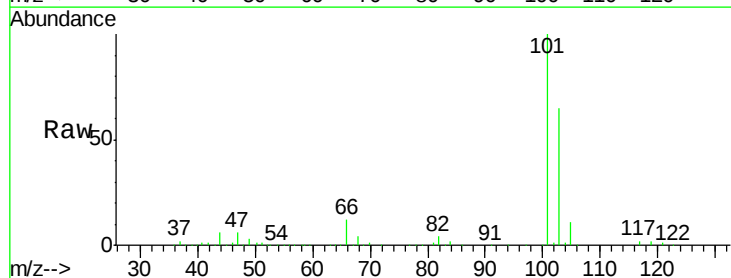
Acq: 25 Jun 2018 11:45

Tgt Ion: 101 Resp: 167808

Ion Ratio Lower Upper

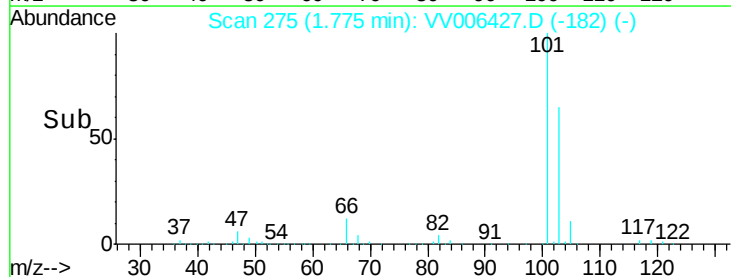
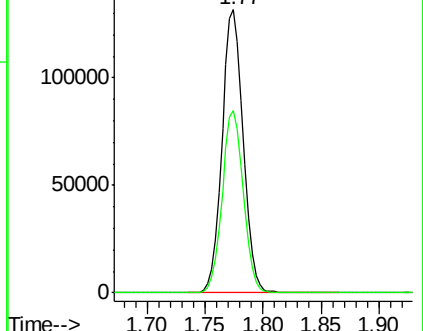
101 100

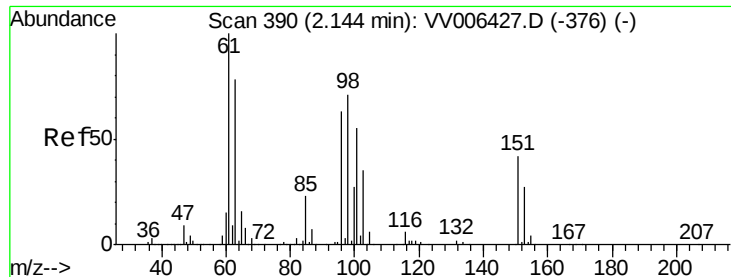
103 64.4 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VV006427.D (-263) (-)

Ion 103.00 (102.70 to 103.70): VV006427.D (-263) (-)





#10

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

Concen: 4.814 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00582

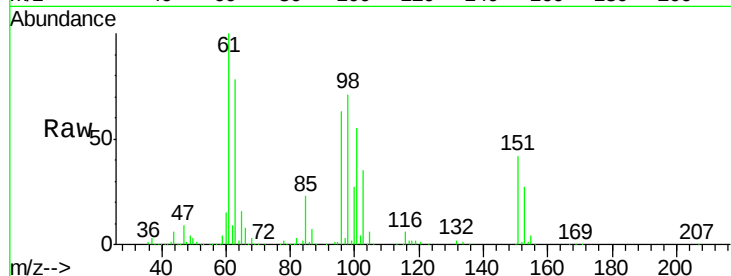
Tgt Ion: 101 Resp: 103079

Ion Ratio Lower Upper

101 100

85 41.4 33.1 49.7

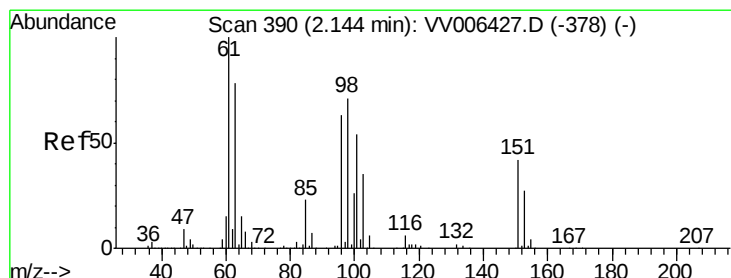
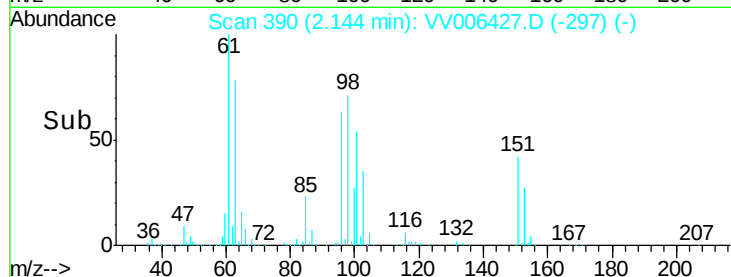
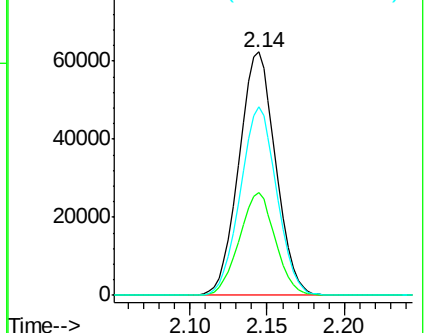
151 77.1 61.7 92.5



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



#12

1,1-Dichloroethene

Concen: 4.748 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

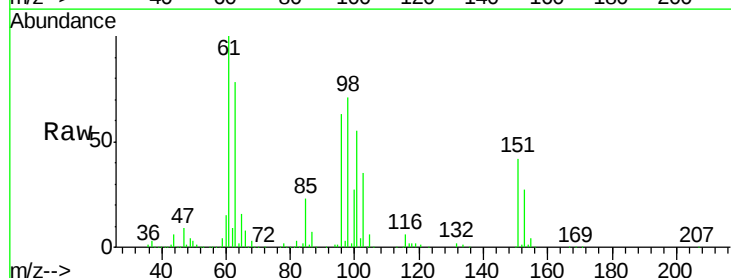
Tgt Ion: 96 Resp: 99775

Ion Ratio Lower Upper

96 100

61 159.2 111.4 207.0

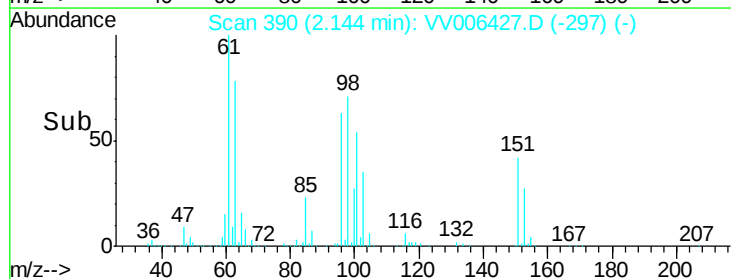
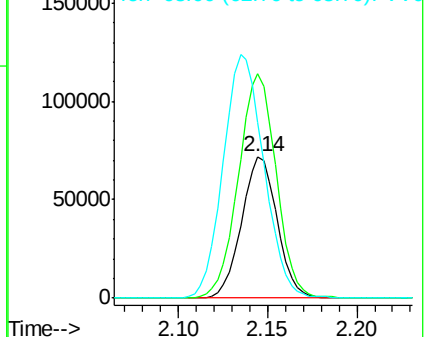
63 124.8 87.4 162.2

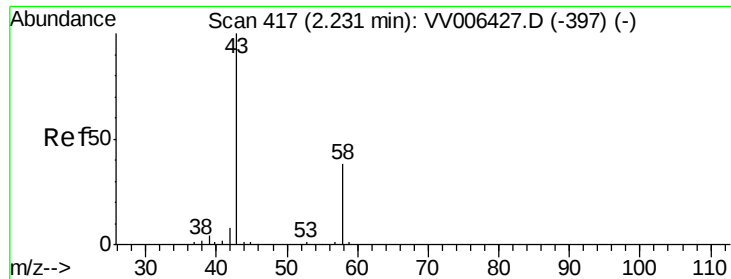


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 51.199 ug/L

RT: 2.23 min Scan# 417

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

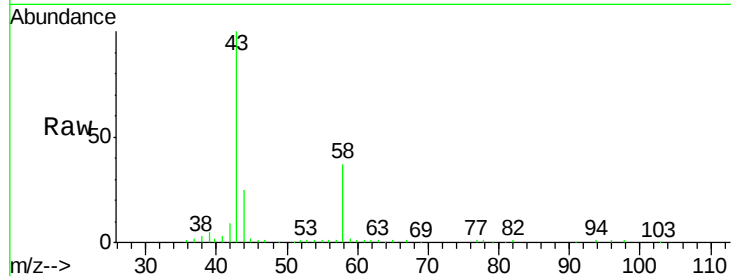
VSTD00582

Tgt Ion: 43 Resp: 134351

Ion Ratio Lower Upper

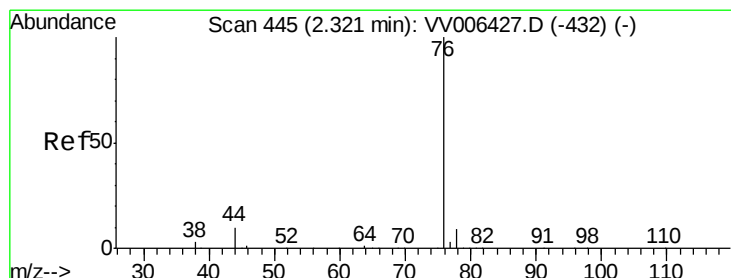
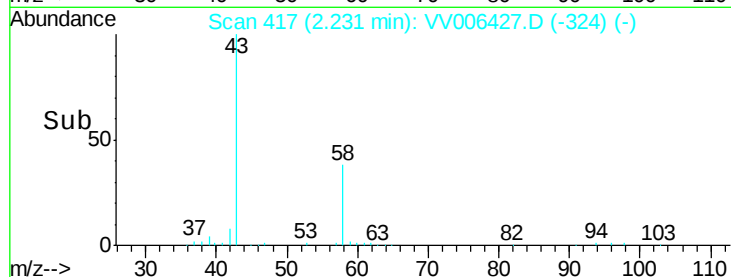
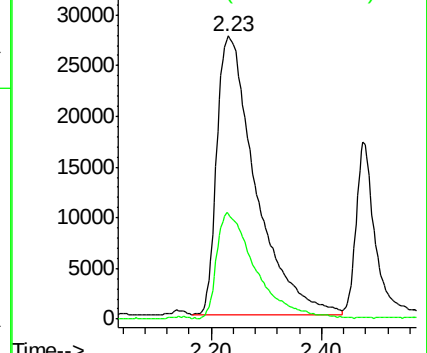
43 100

58 38.7 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 4.756 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006427.D

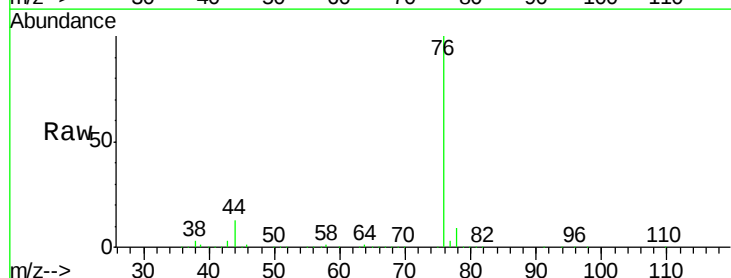
Acq: 25 Jun 2018 11:45

Tgt Ion: 76 Resp: 282191

Ion Ratio Lower Upper

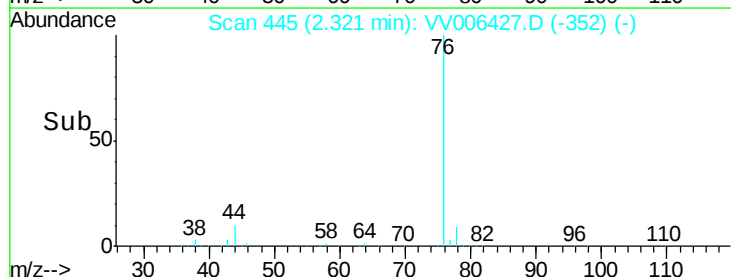
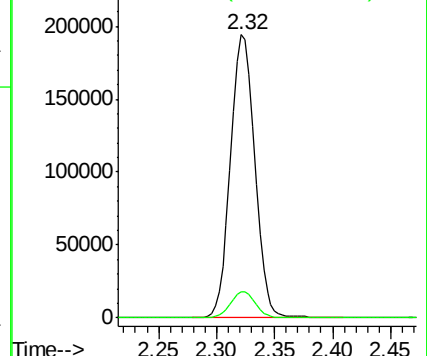
76 100

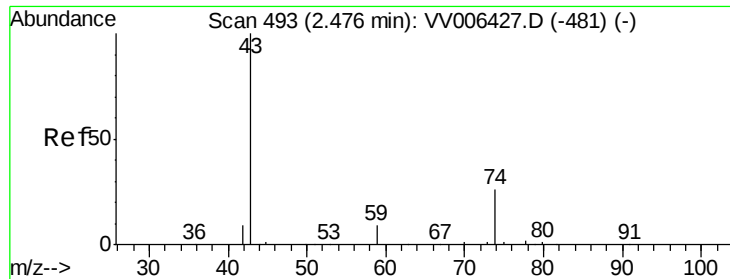
78 9.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

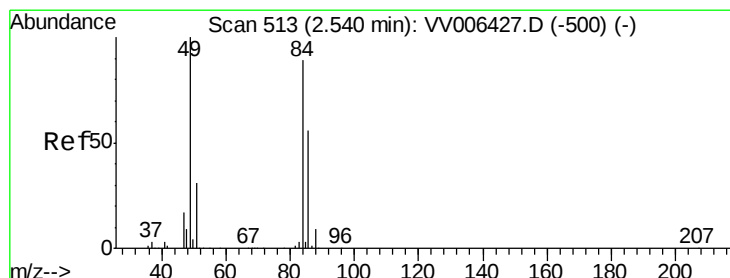
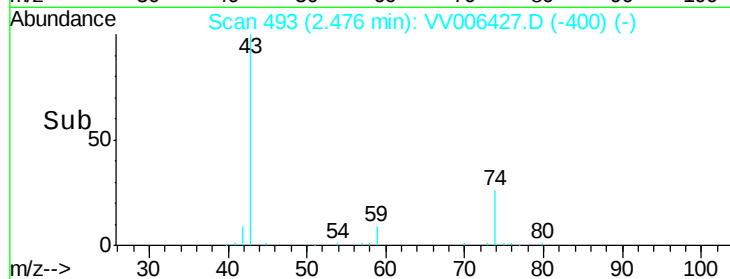
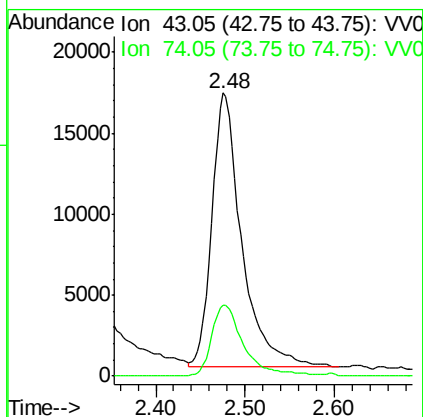
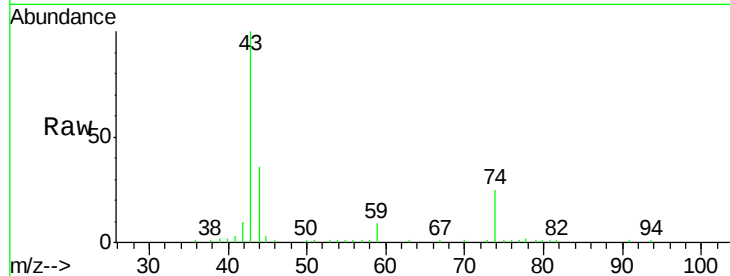




#15
Methyl Acetate
Concen: 5.117 ug/L
RT: 2.48 min Scan# 493
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

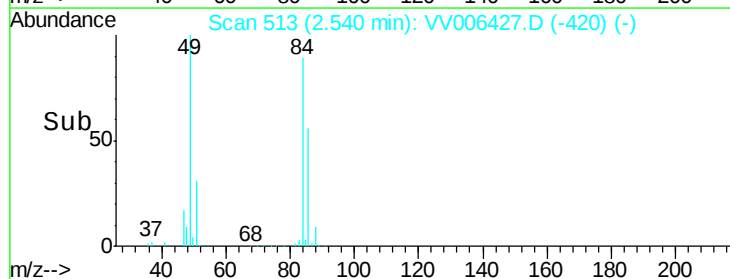
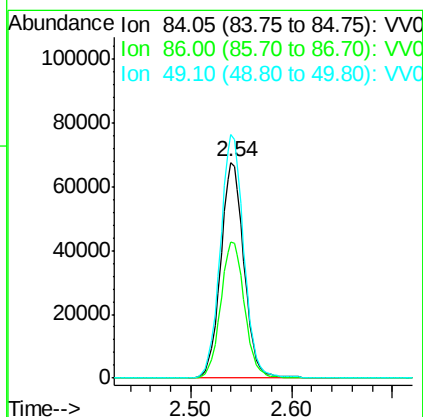
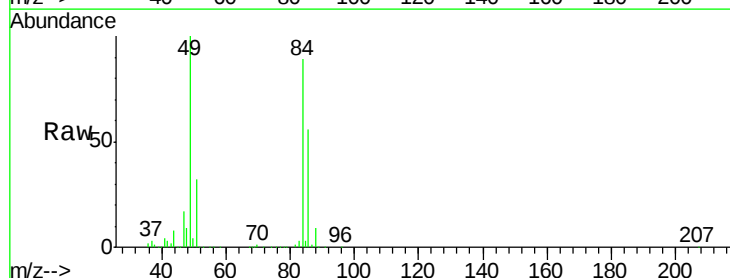
Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

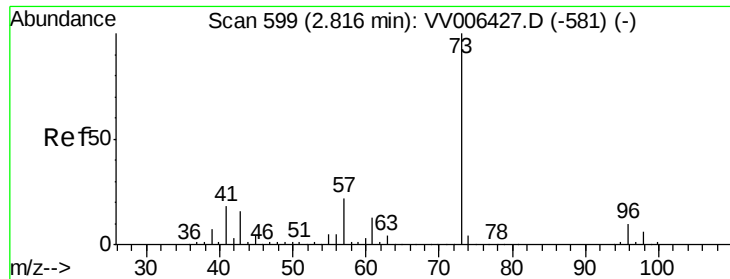
Tgt Ion: 43 Resp: 39535
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4



#16
Methylene chloride
Concen: 4.449 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion: 84 Resp: 109503
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 112.9 79.0 146.8

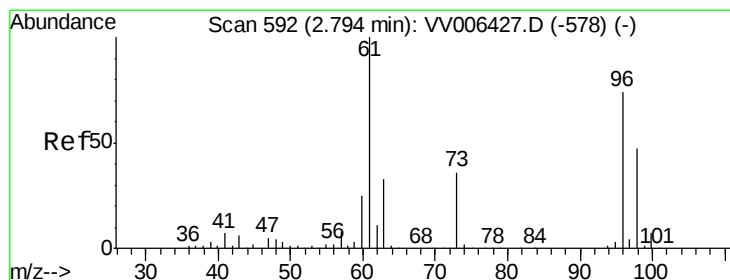
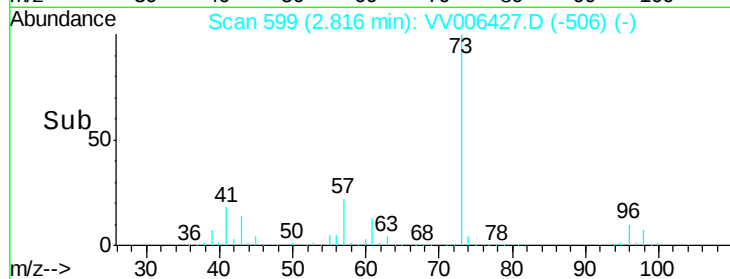
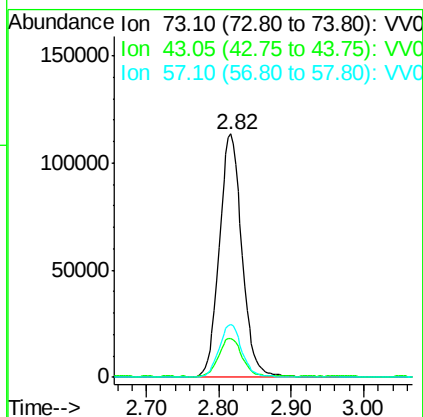
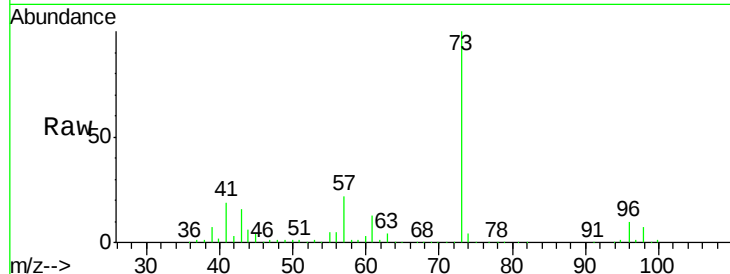




#17
Methyl tert-butyl Ether
Concen: 4.832 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

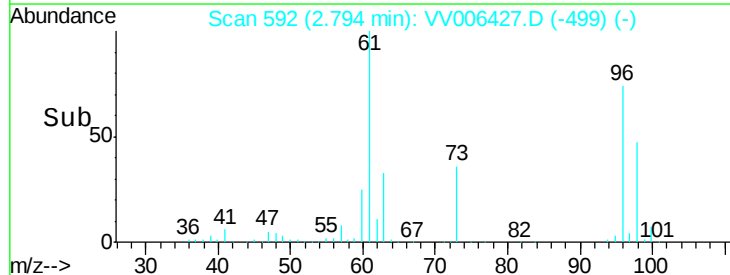
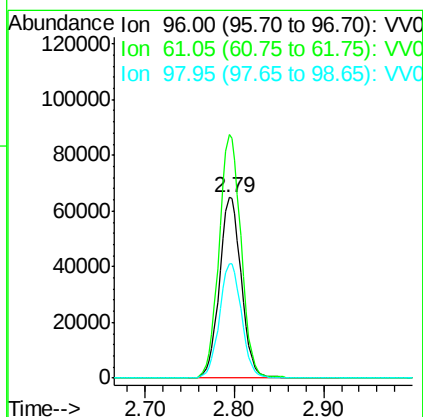
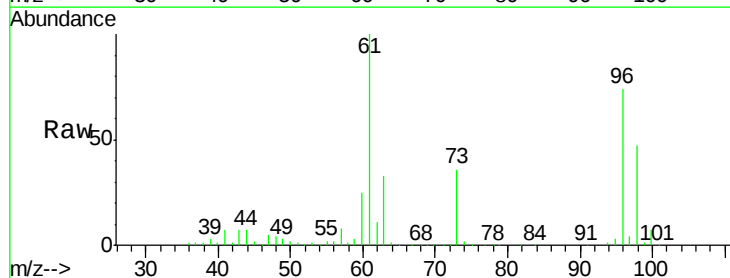
Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

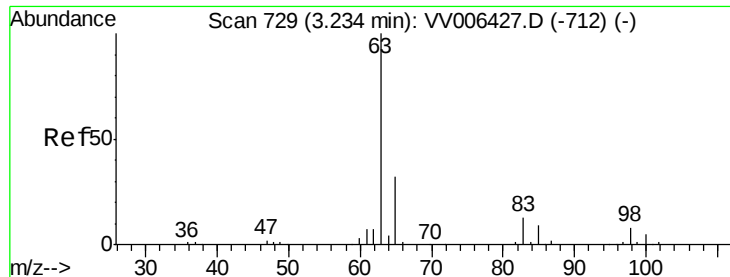
Tgt Ion: 73 Resp: 246109
Ion Ratio Lower Upper
73 100
43 16.1 12.9 19.3
57 21.9 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 4.798 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion: 96 Resp: 110373
Ion Ratio Lower Upper
96 100
61 134.8 94.4 175.2
98 63.3 44.3 82.3

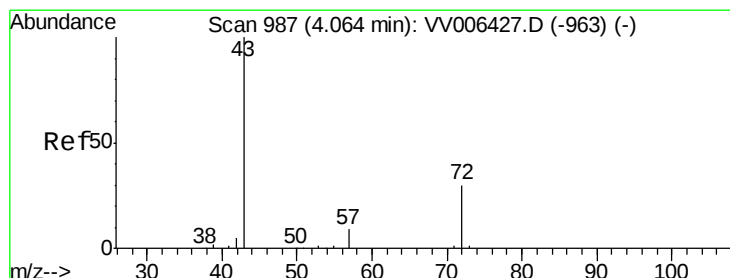
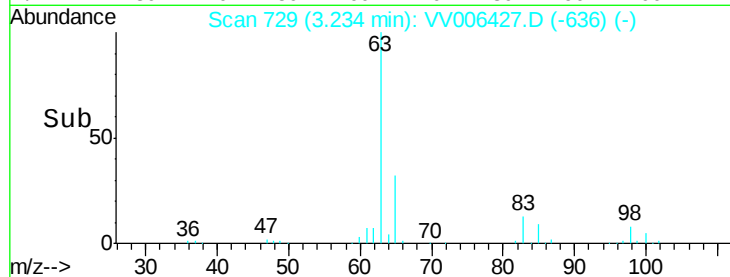
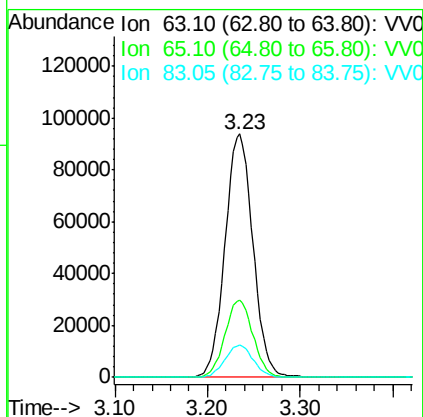
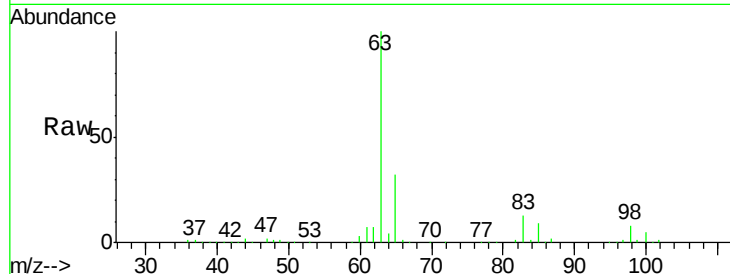




#19
 1,1-Dichloroethane
 Concen: 4.786 ug/L
 RT: 3.23 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

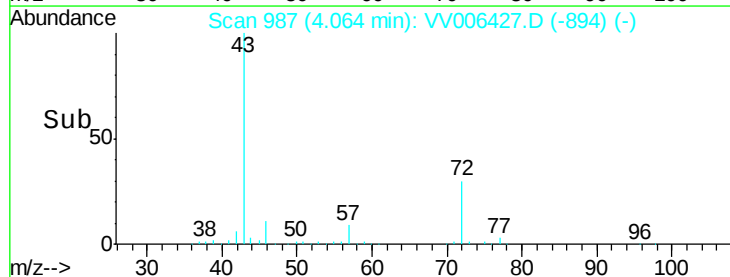
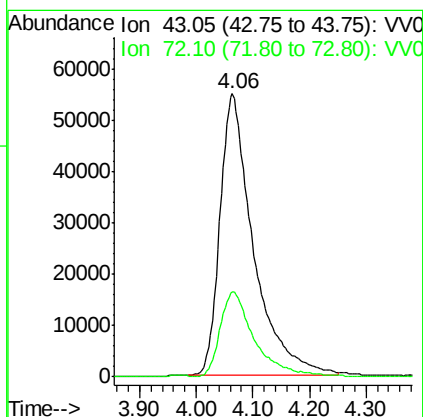
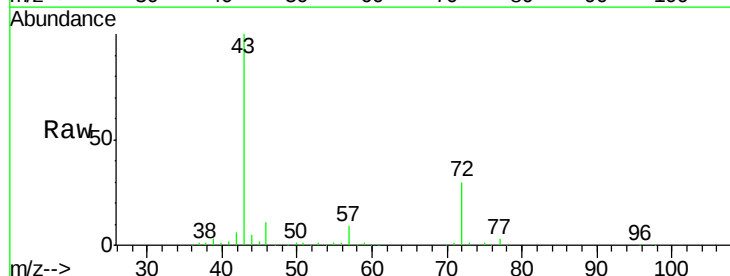
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

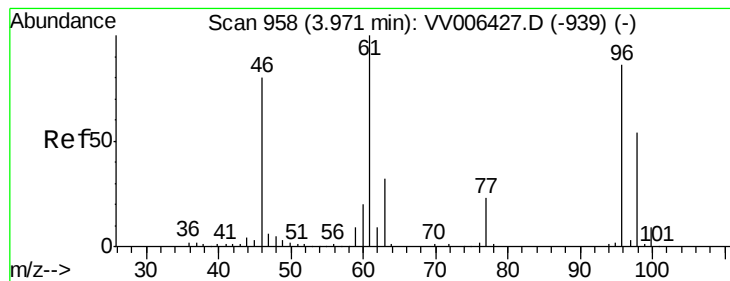
Tgt Ion: 63 Resp: 196100
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.2 41.2
 83 13.2 9.2 17.2



#21
 2-Butanone
 Concen: 49.673 ug/L
 RT: 4.06 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion: 43 Resp: 224868
 Ion Ratio Lower Upper
 43 100
 72 30.7 15.4 46.1



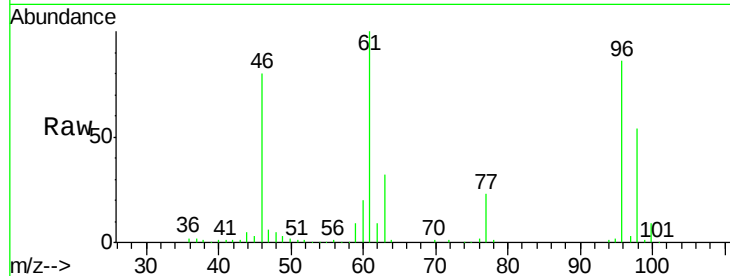


#22

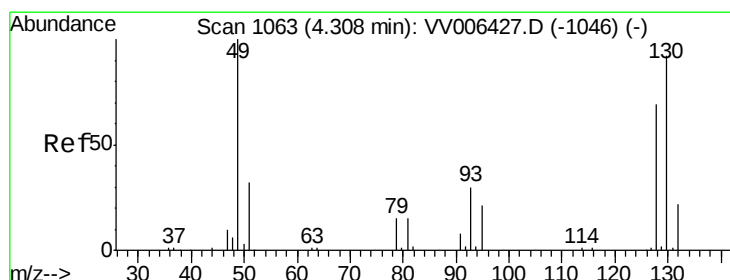
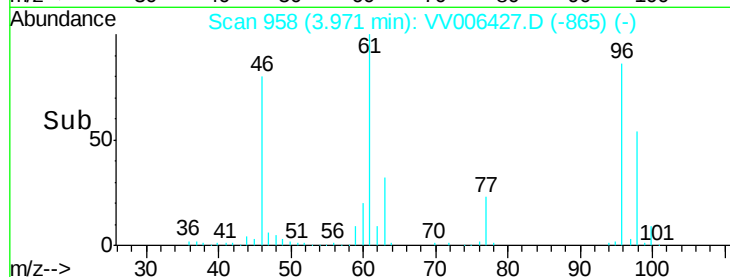
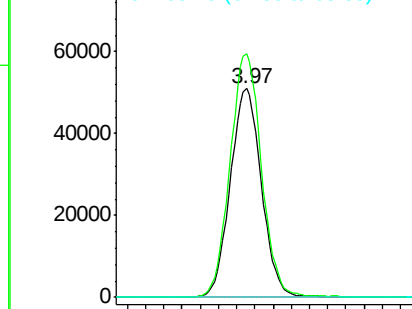
cis-1,2-Dichloroethene
Concen: 4.806 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

Tgt Ion: 96 Resp: 121572
Ion Ratio Lower Upper
96 100
61 116.8 81.8 151.8
68 0.0 0.0 0.0



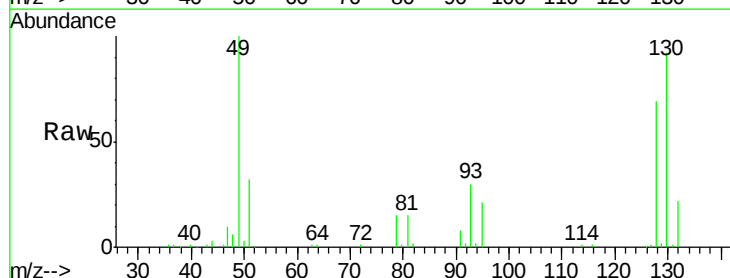
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



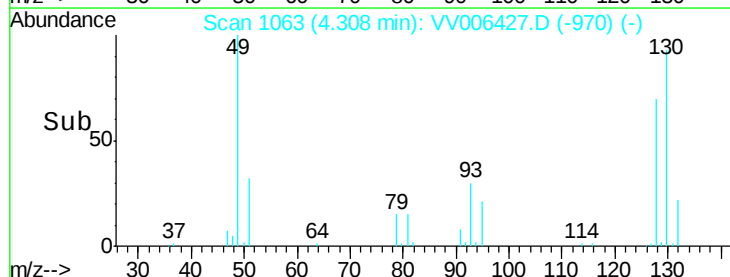
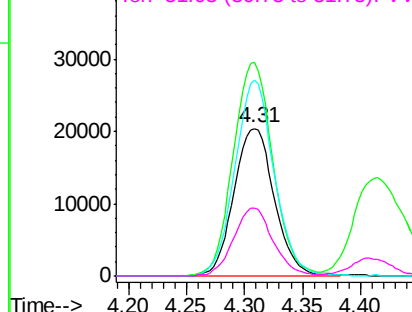
#23

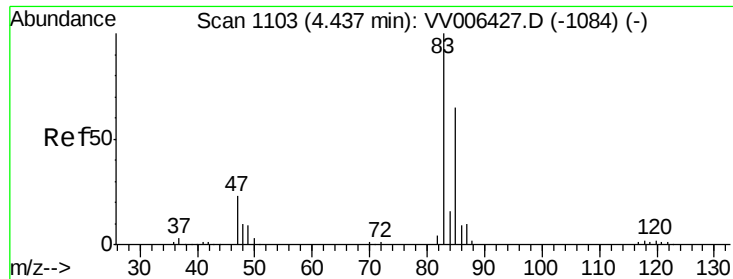
Bromochloromethane
Concen: 4.824 ug/L
RT: 4.31 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion: 128 Resp: 49585
Ion Ratio Lower Upper
128 100
49 144.6 101.2 188.0
130 132.8 93.0 172.6
51 46.3 37.0 55.6



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

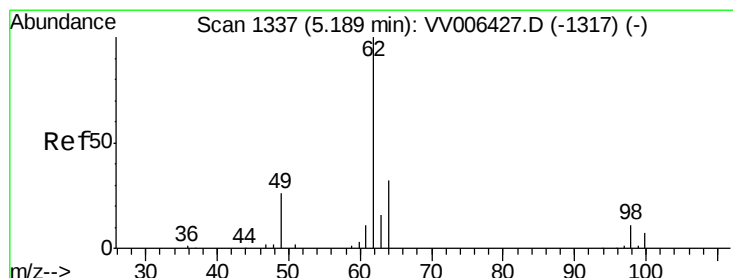
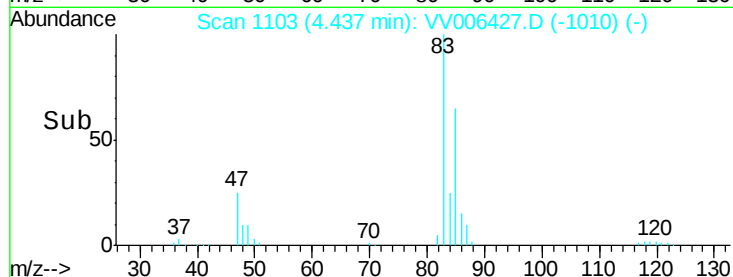
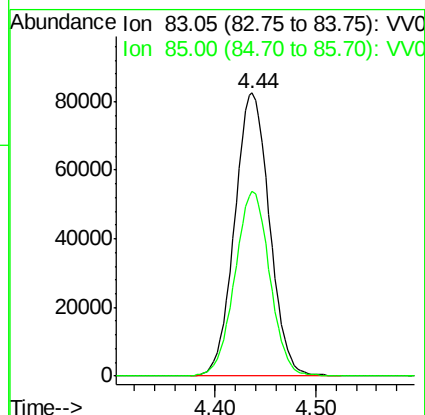
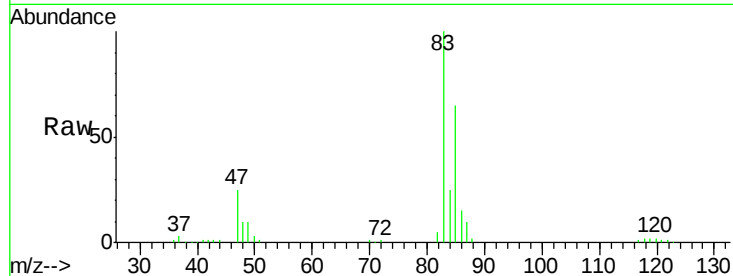




#25
Chloroform
Concen: 4.784 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

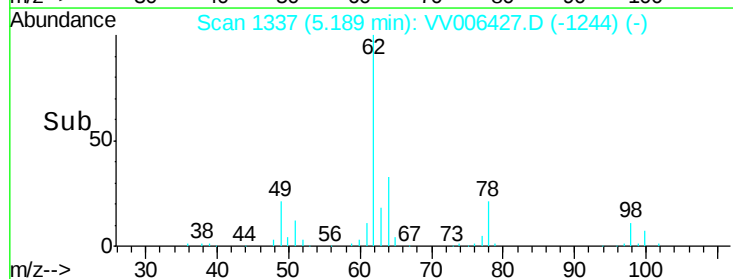
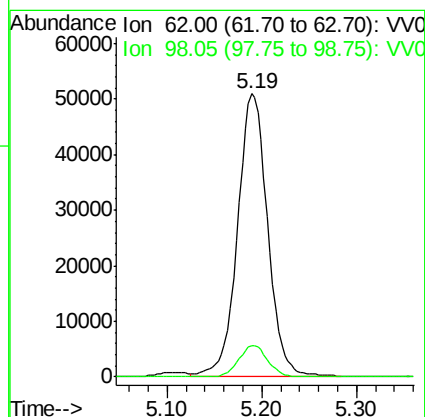
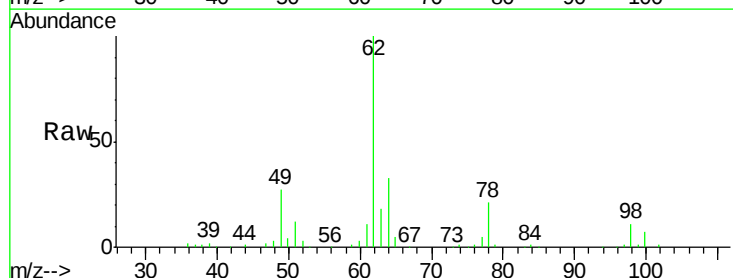
Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

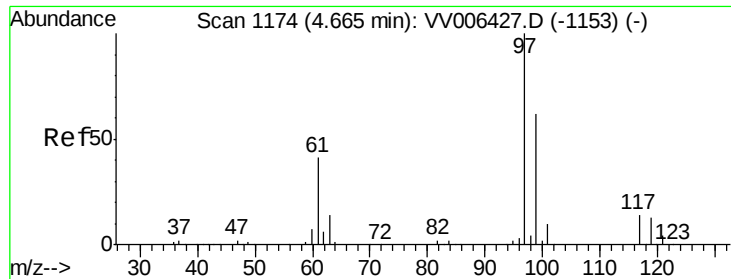
Tgt Ion: 83 Resp: 197551
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.809 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion: 62 Resp: 111597
Ion Ratio Lower Upper
62 100
98 11.0 8.8 13.2

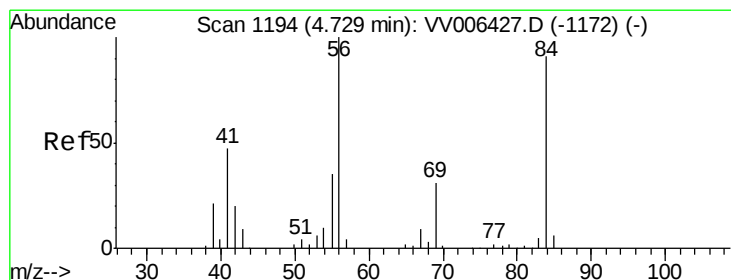
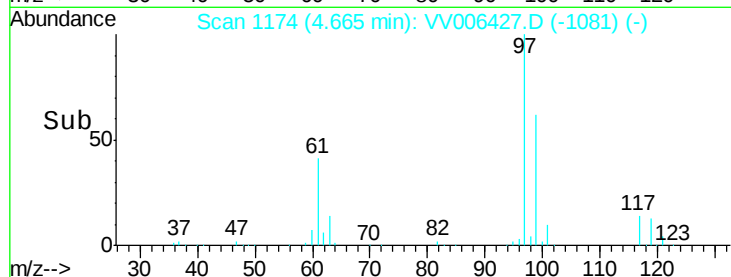
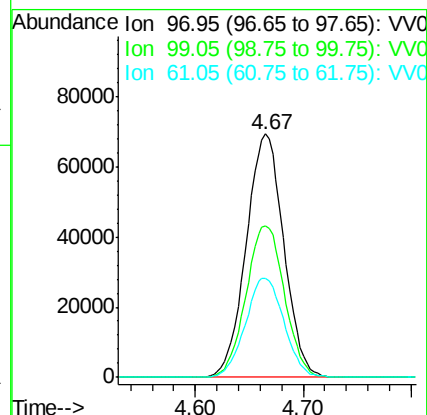
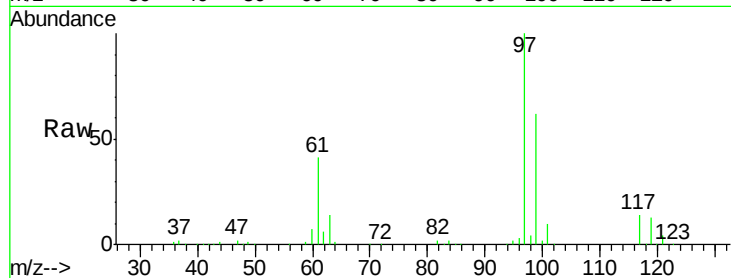




#29
 1,1,1-Trichloroethane
 Concen: 4.821 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

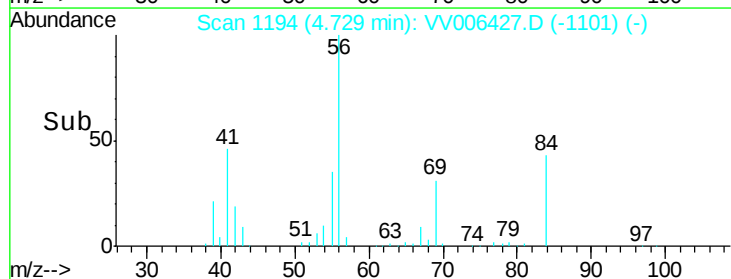
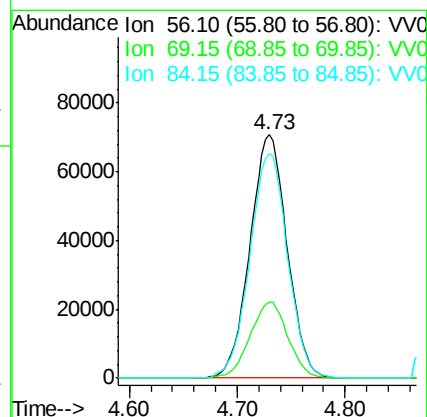
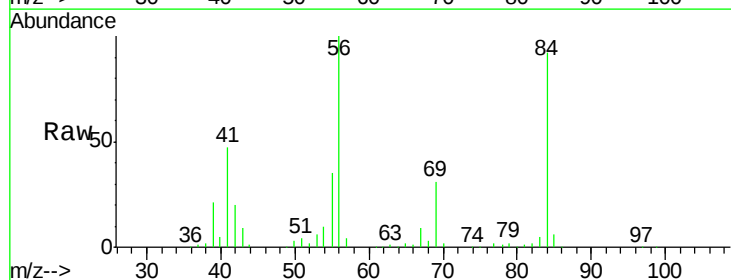
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

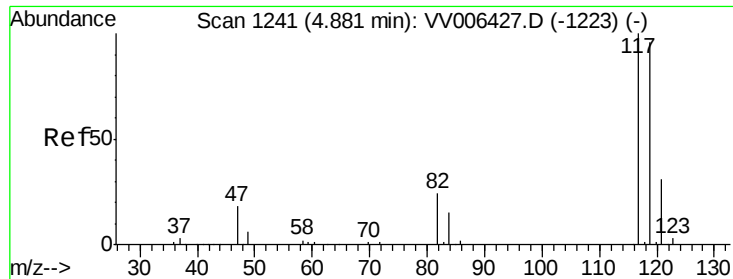
Tgt Ion: 97 Resp: 167721
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 42.2 33.8 50.6



#30
 Cyclohexane
 Concen: 4.866 ug/L
 RT: 4.73 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion: 56 Resp: 169197
 Ion Ratio Lower Upper
 56 100
 69 32.0 25.6 38.4
 84 94.2 75.4 113.0

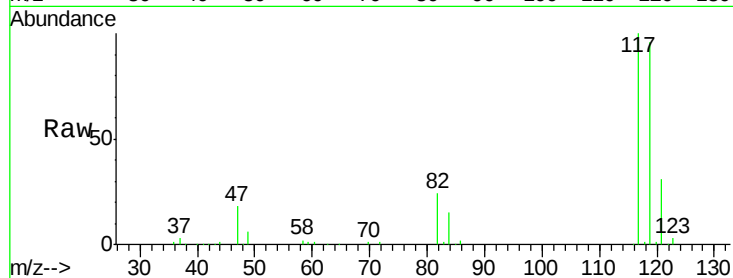




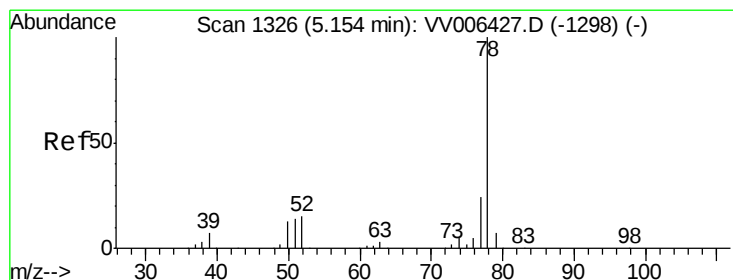
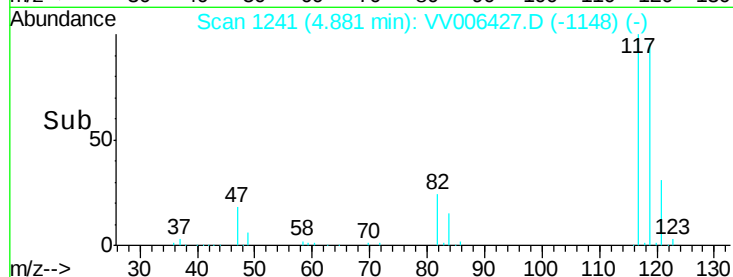
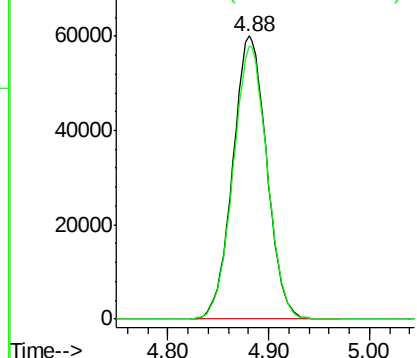
#31
Carbon tetrachloride
Concen: 4.800 ug/L
RT: 4.88 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

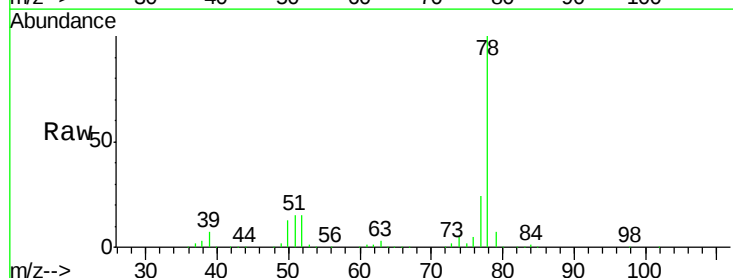
Tgt Ion:117 Resp: 140072
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



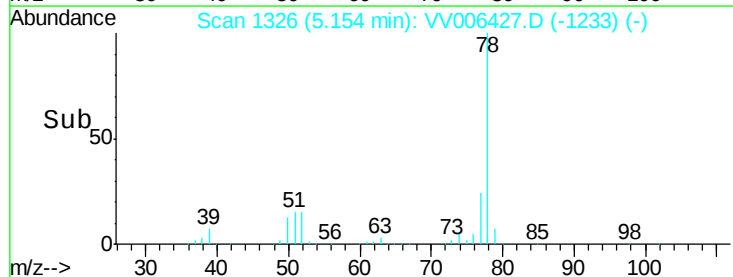
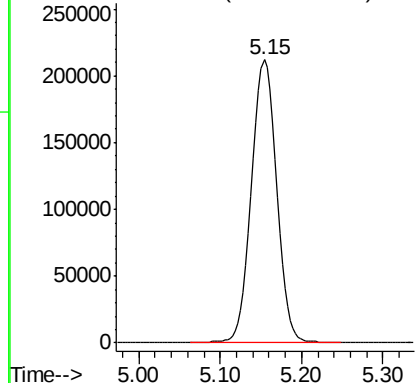
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

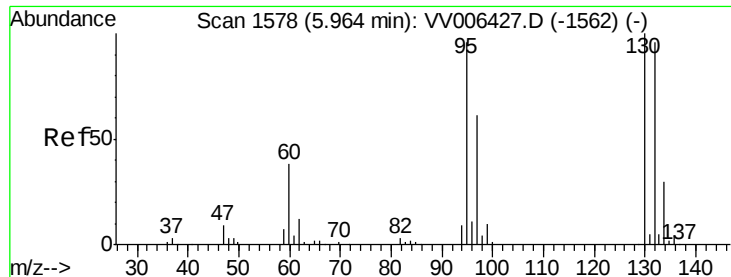


#33
Benzene
Concen: 4.790 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45
Tgt Ion: 78 Resp: 451302



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.647 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00582

Tgt Ion: 95 Resp: 125243

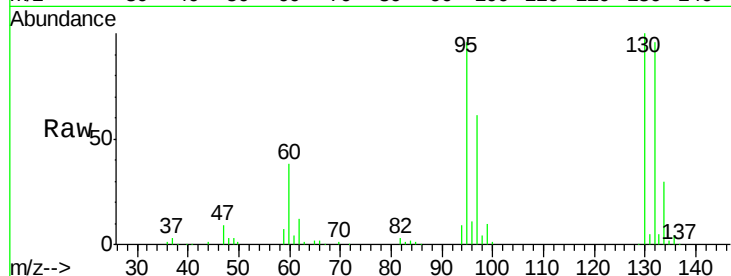
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 100.1 70.1 130.1

130 104.7 73.3 136.1

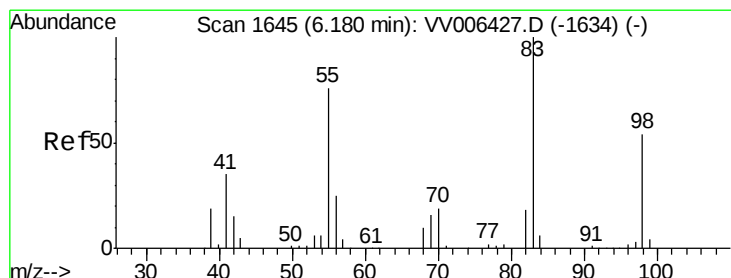
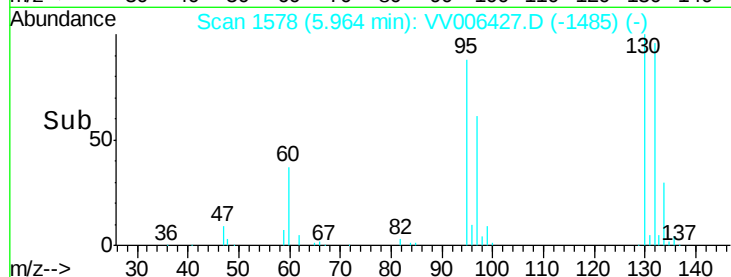
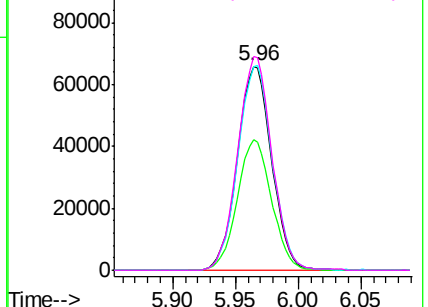


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 4.930 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

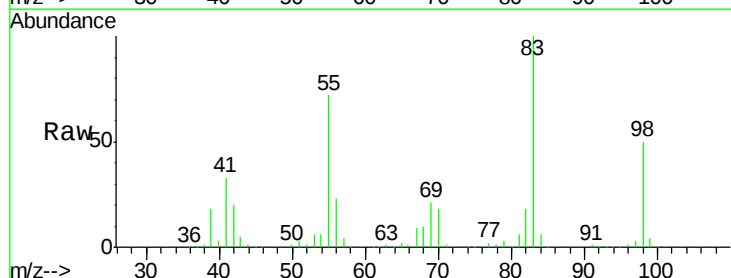
Tgt Ion: 83 Resp: 193220

Ion Ratio Lower Upper

83 100

55 71.9 57.5 86.3

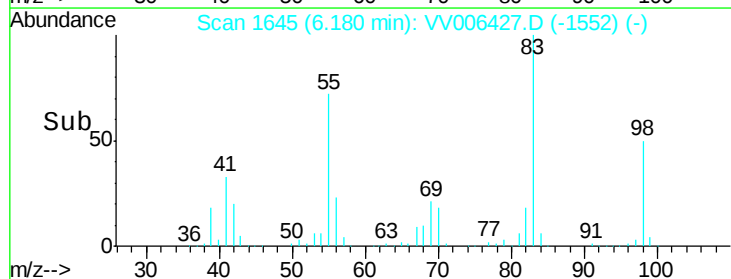
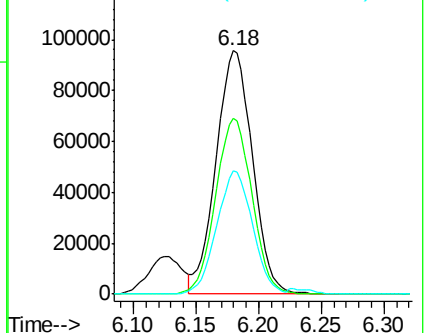
98 49.5 39.6 59.4

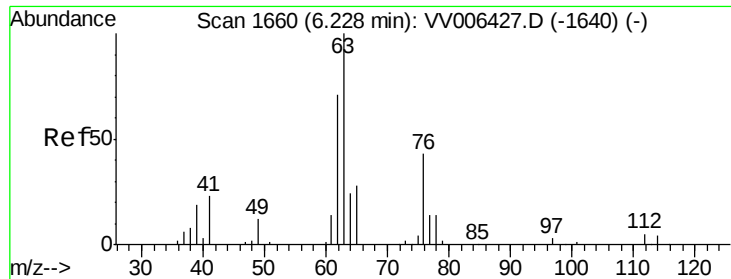


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

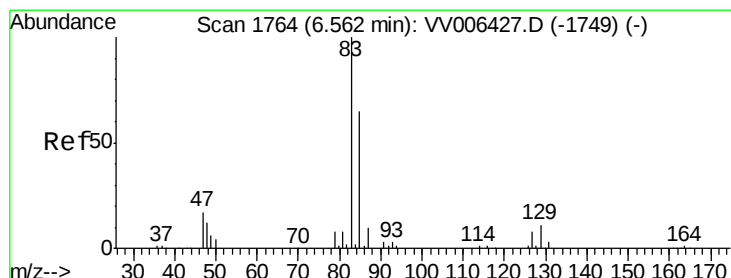
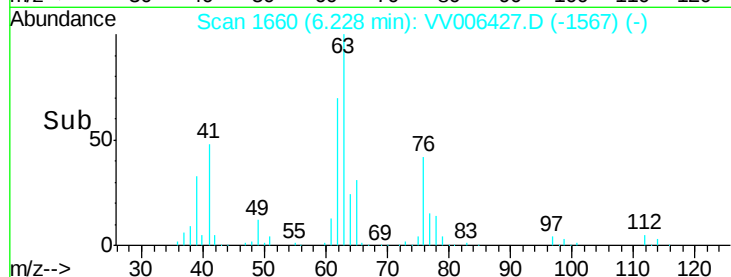
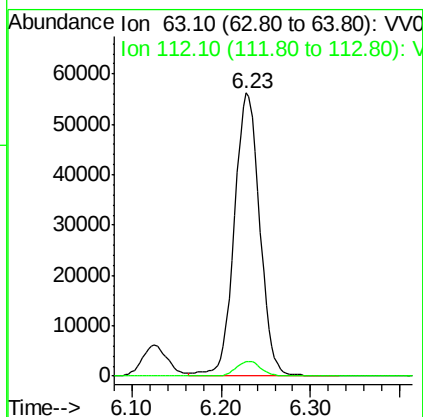
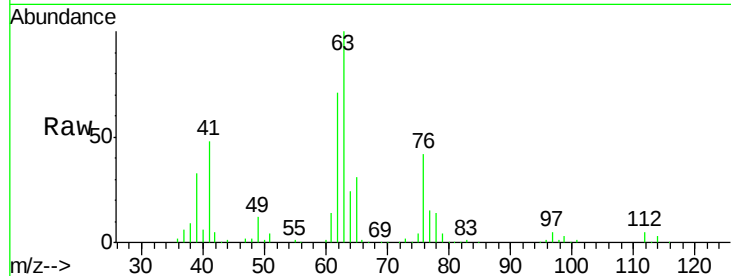




#37
 1,2-Dichloropropane
 Concen: 4.840 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

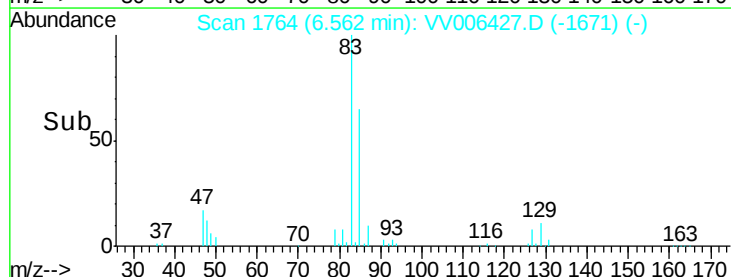
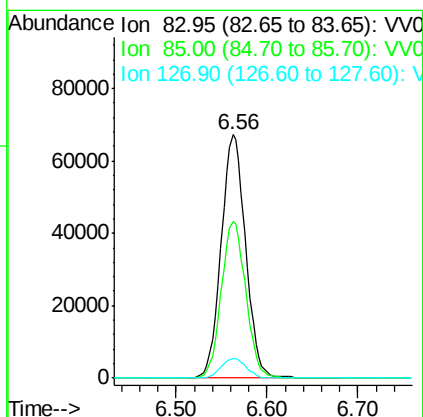
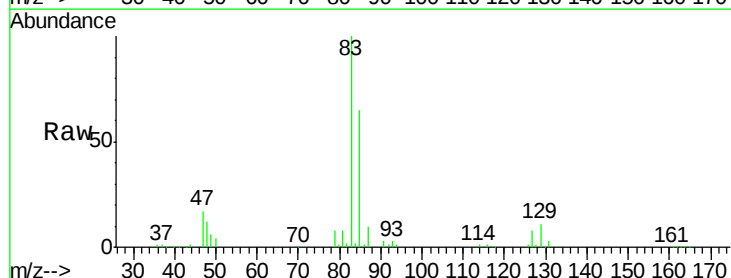
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

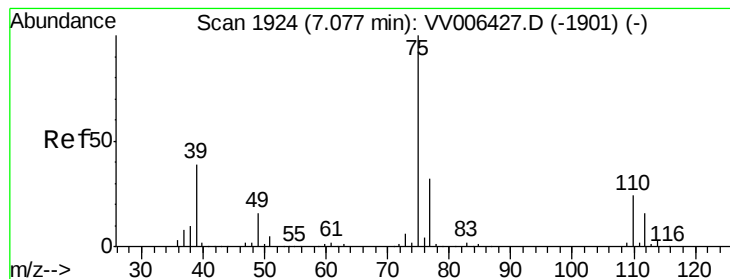
Tgt Ion: 63 Resp: 111448
 Ion Ratio Lower Upper
 63 100
 112 5.0 4.0 6.0



#38
 Bromodichloromethane
 Concen: 4.734 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion: 83 Resp: 125468
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.1 83.9
 127 8.2 6.6 9.8



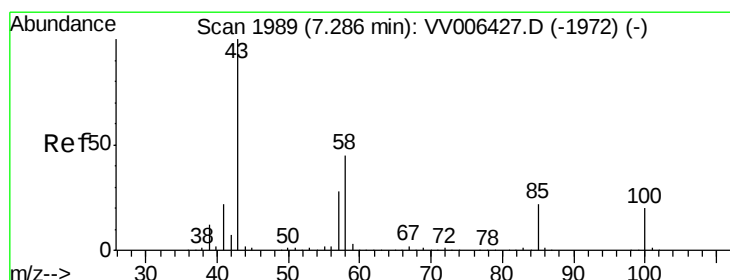
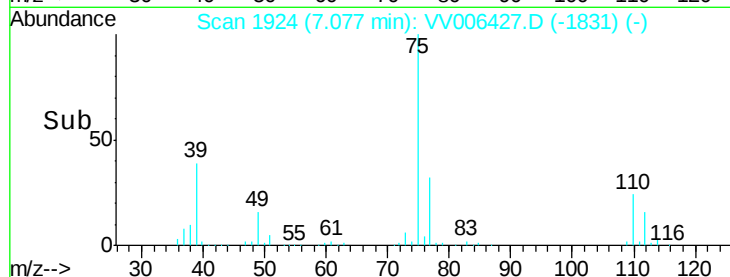
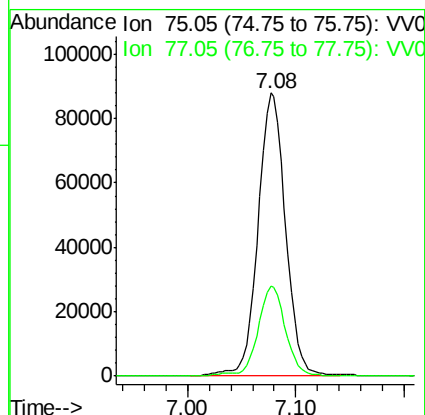
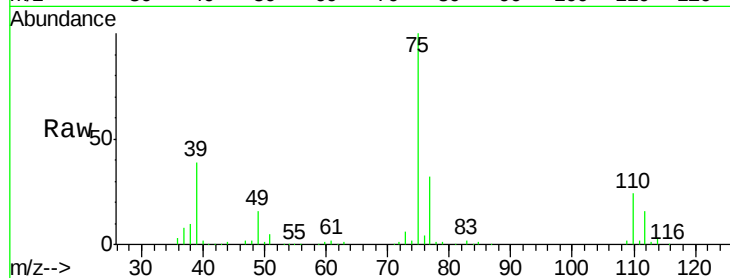


#39

cis-1,3-Dichloropropene
 Concen: 4.855 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

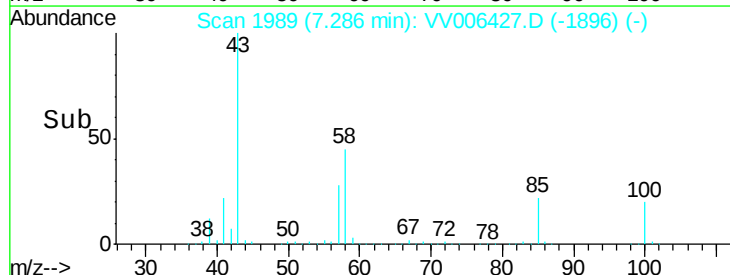
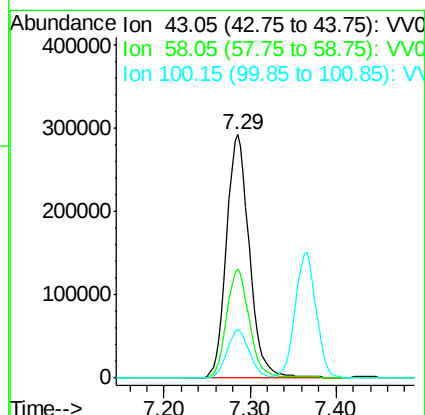
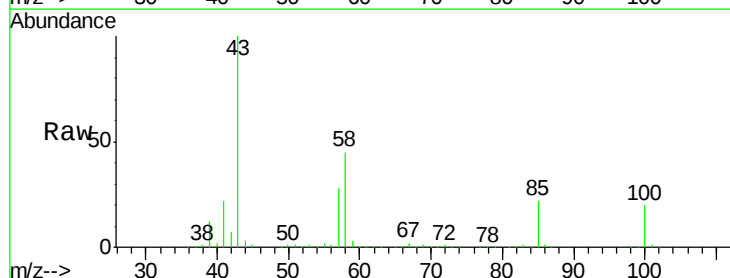
Tgt Ion: 75 Resp: 155542
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3

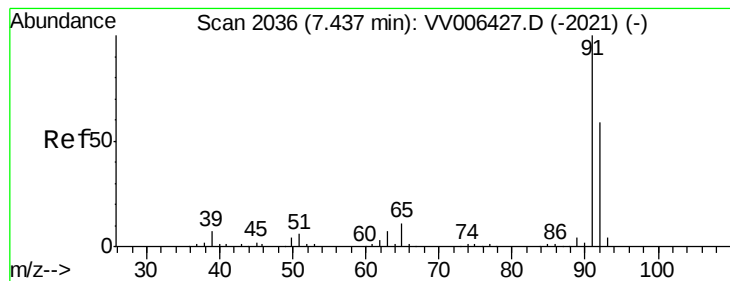


#40

4-Methyl-2-pentanone
 Concen: 48.406 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion: 43 Resp: 542327
 Ion Ratio Lower Upper
 43 100
 58 44.3 35.4 53.2
 100 19.4 15.5 23.3





#42

Toluene

Concen: 4.835 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

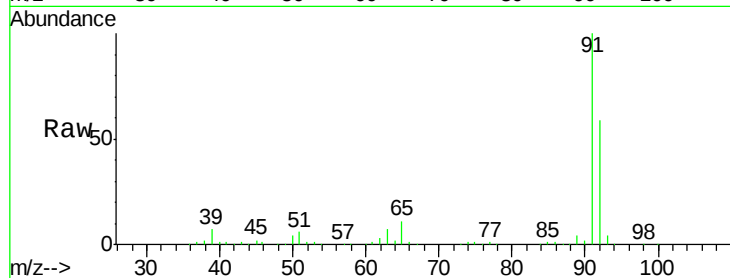
VSTD00582

Tgt Ion: 91 Resp: 482388

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.44

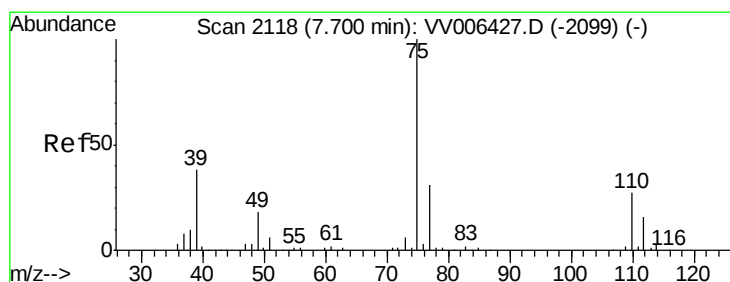
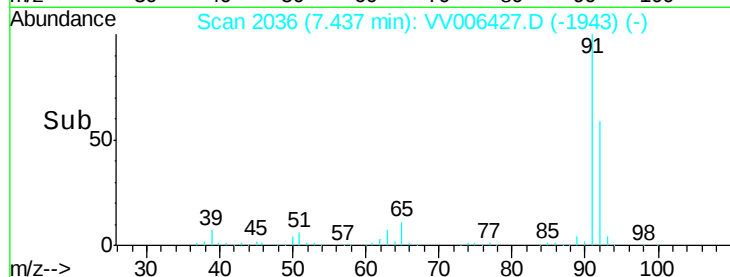
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 4.830 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006427.D

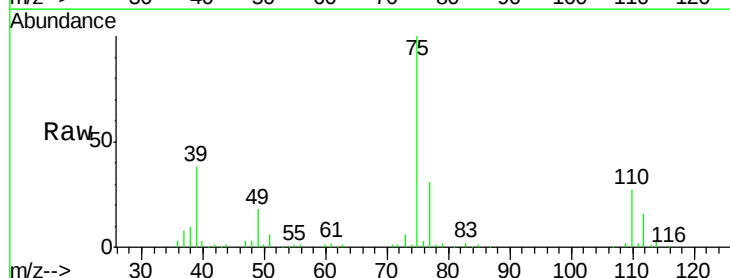
Acq: 25 Jun 2018 11:45

Tgt Ion: 75 Resp: 121391

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.70

80000

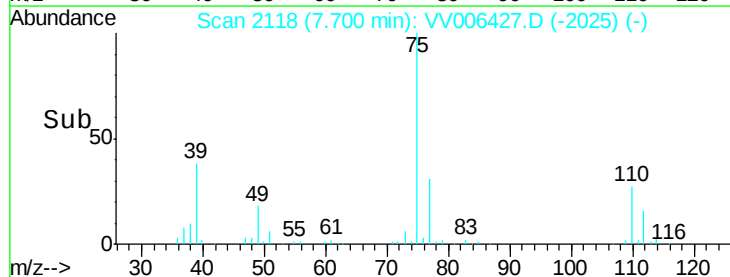
60000

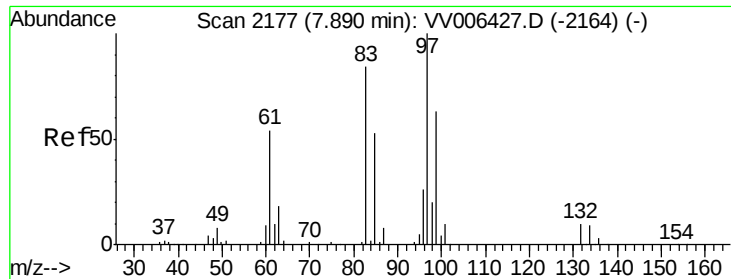
40000

20000

0

Time-->

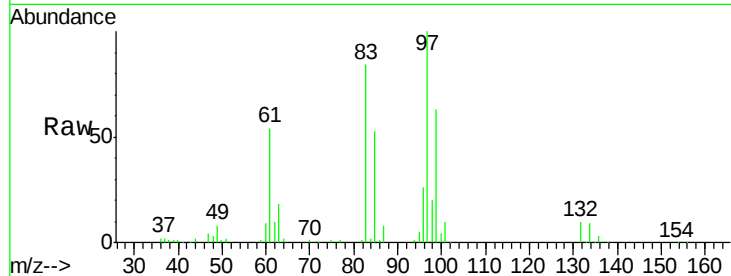




#45
 1,1,2-Trichloroethane
 Concen: 4.835 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

Tgt Ion:	97	Resp:	76884
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	84.3	59.0	109.6
85	52.5	36.8	68.3

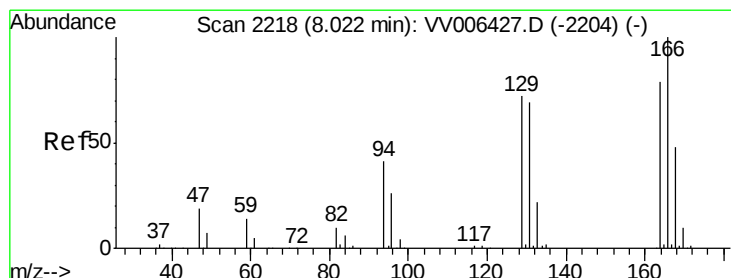
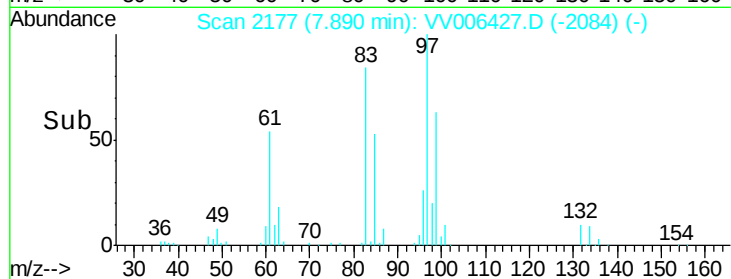
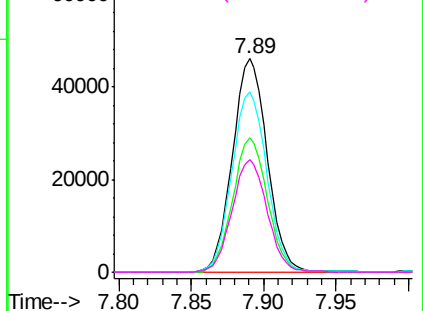


Abundance Ion 96.95 (96.65 to 97.65): VV006427.D (-2164) (-)

Ion 99.05 (98.75 to 99.75): VV006427.D (-2164) (-)

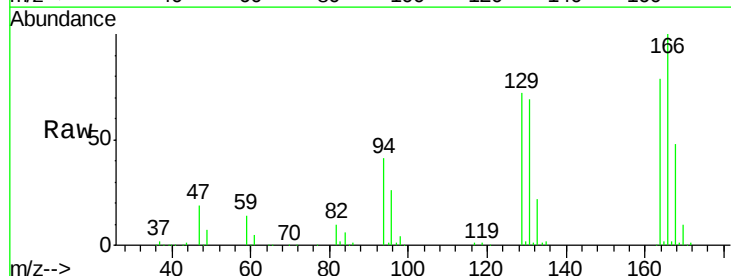
Ion 82.95 (82.65 to 83.65): VV006427.D (-2164) (-)

Ion 85.00 (84.70 to 85.70): VV006427.D (-2164) (-)



#47
 Tetrachloroethene
 Concen: 4.801 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion:	164	Resp:	97756
Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.0	118.8
131	88.1	61.7	114.5
166	127.1	89.0	165.2

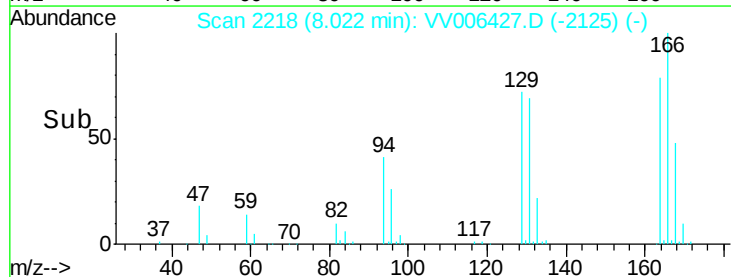
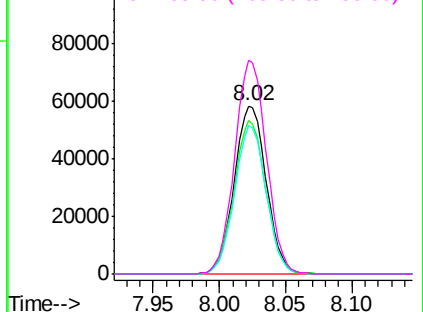


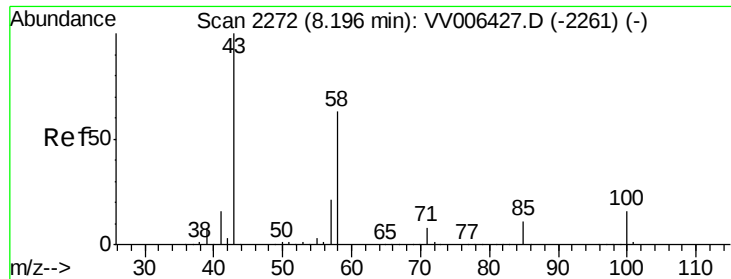
Abundance Ion 163.90 (163.60 to 164.60): VV006427.D (-2204) (-)

Ion 128.95 (128.65 to 129.65): VV006427.D (-2204) (-)

Ion 130.95 (130.65 to 131.65): VV006427.D (-2204) (-)

Ion 165.90 (165.60 to 166.60): VV006427.D (-2204) (-)

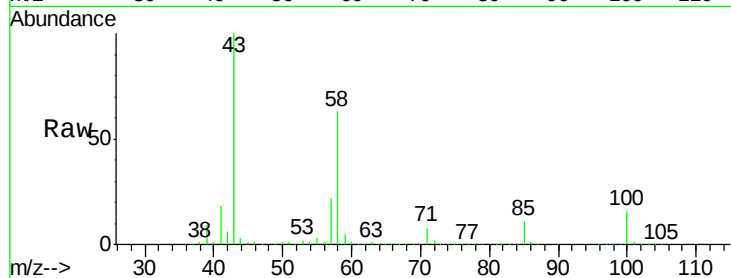




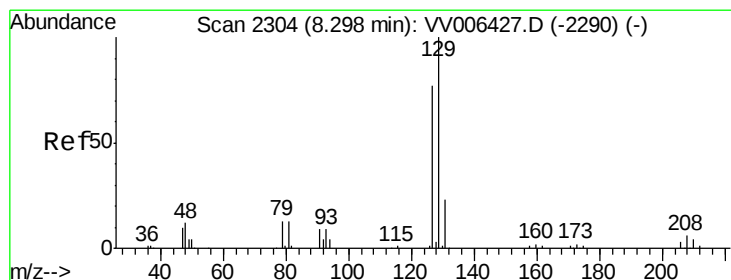
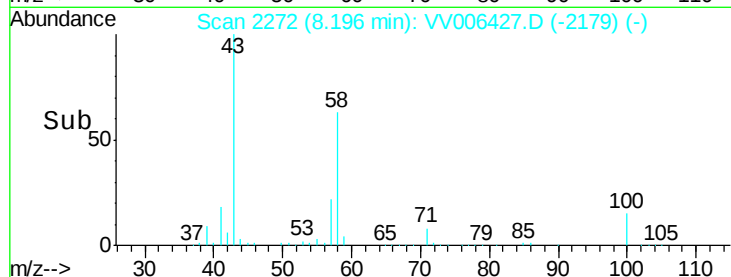
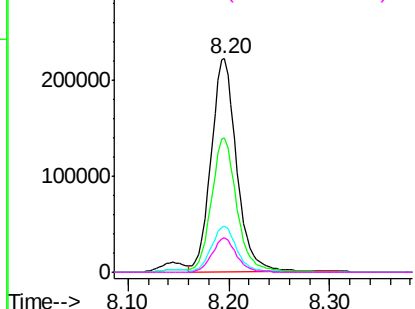
#48
2-Hexanone
Concen: 48.577 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

Tgt Ion: 43 Resp: 391541
Ion Ratio Lower Upper
43 100
58 62.4 49.9 74.9
57 21.6 17.3 25.9
100 15.6 12.5 18.7

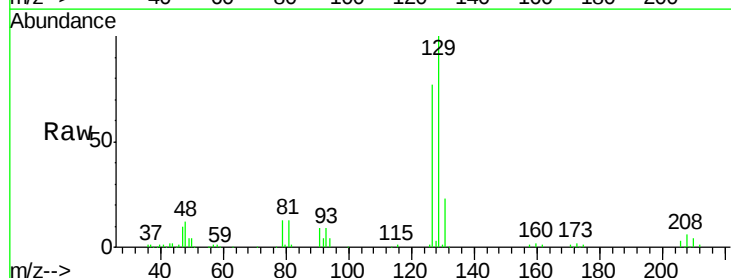


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

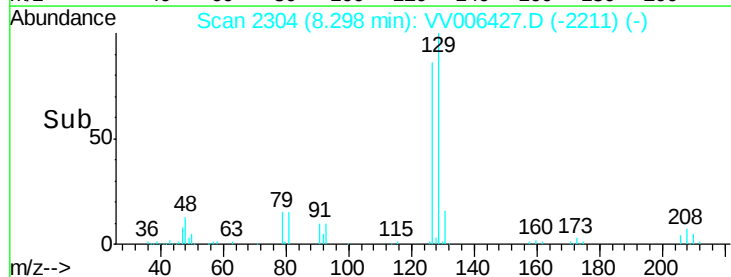
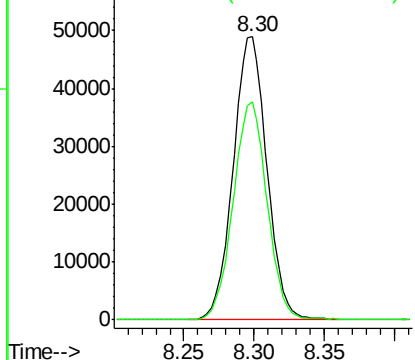


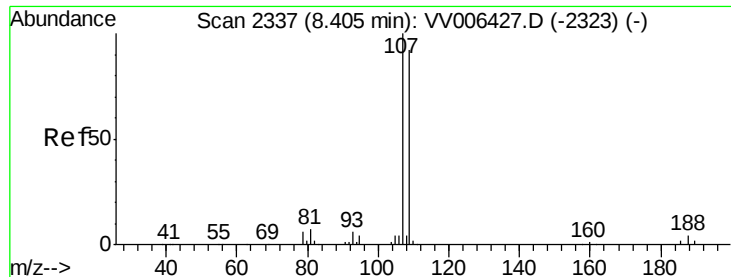
#49
Dibromochloromethane
Concen: 4.840 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion: 129 Resp: 82050
Ion Ratio Lower Upper
129 100
127 77.1 54.0 100.2



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

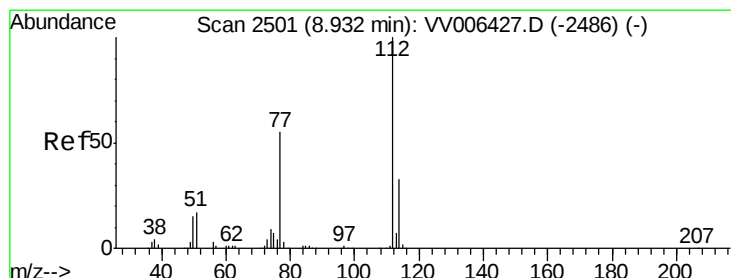
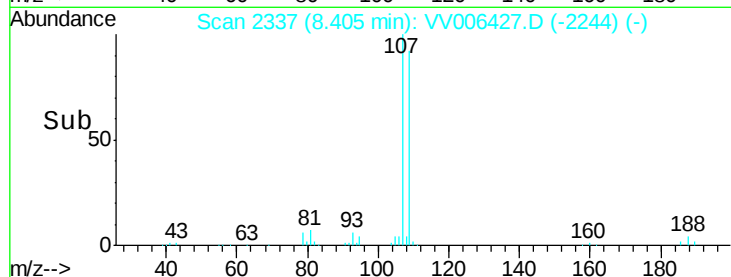
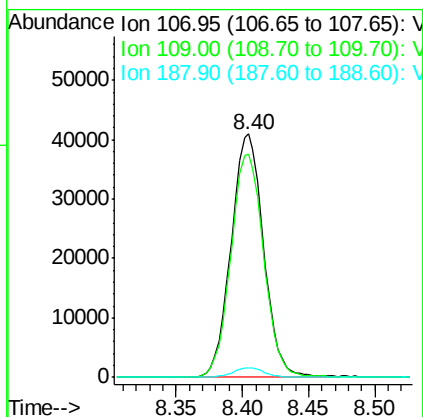
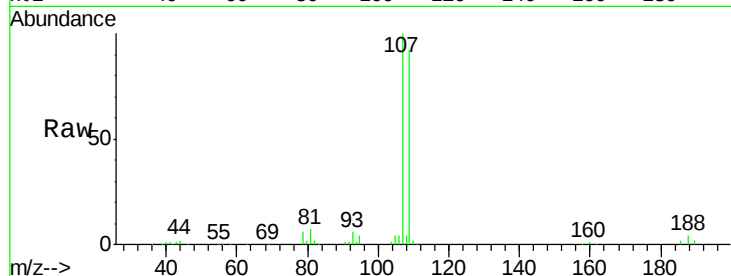




#50
1,2-Dibromoethane
Concen: 4.873 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

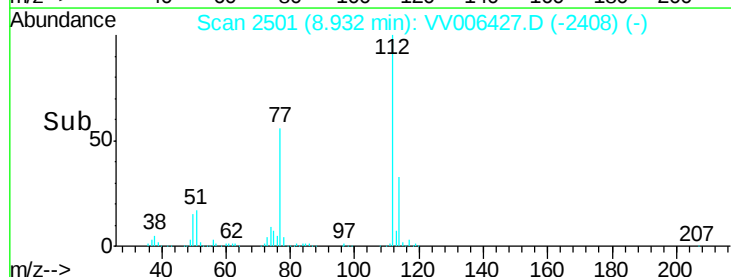
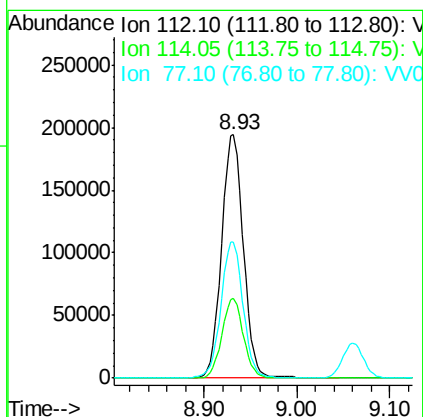
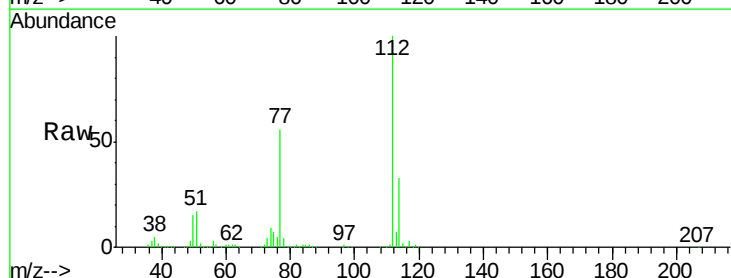
Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

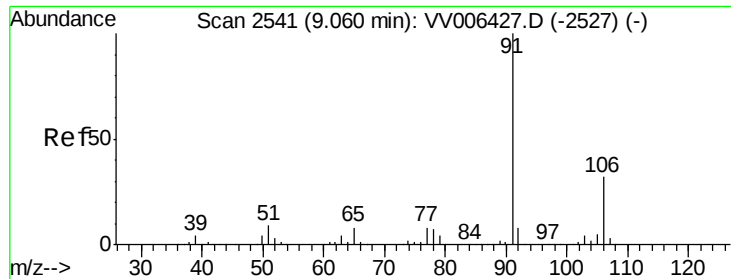
Tgt Ion:107 Resp: 69665
Ion Ratio Lower Upper
107 100
109 91.9 64.3 119.5
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 4.803 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion:112 Resp: 317133
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 55.7 44.6 66.8





#52

Ethylbenzene

Concen: 4.874 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

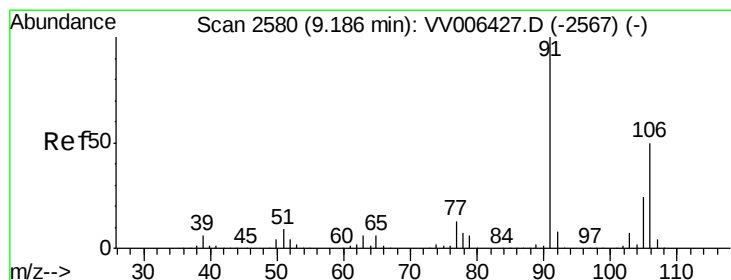
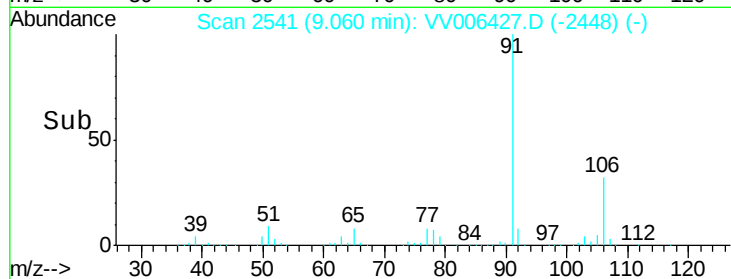
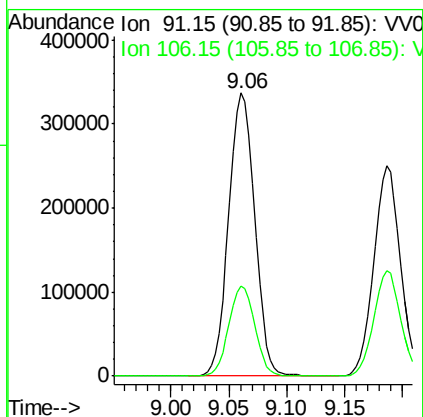
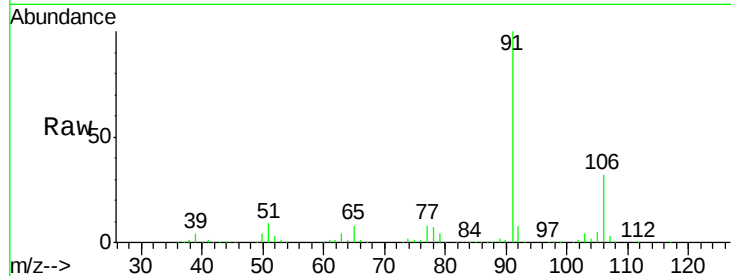
VSTD00582

Tgt Ion: 91 Resp: 526532

Ion Ratio Lower Upper

91 100

106 31.7 22.2 41.2



#53

m,p-xylene

Concen: 4.874 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006427.D

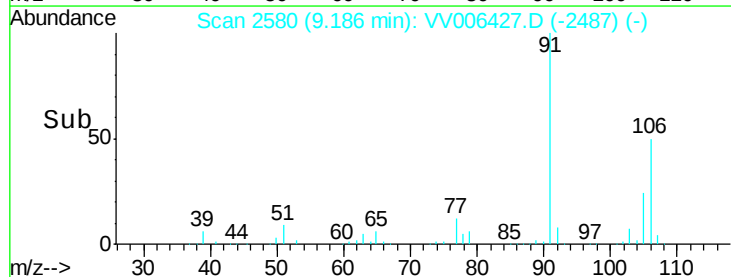
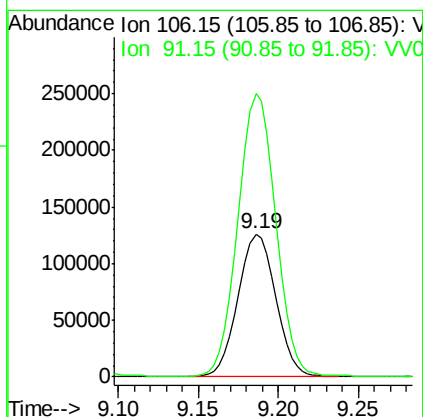
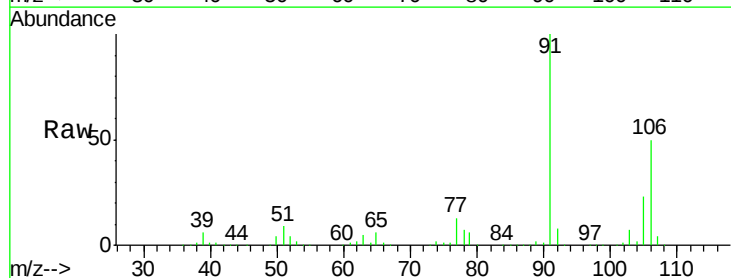
Acq: 25 Jun 2018 11:45

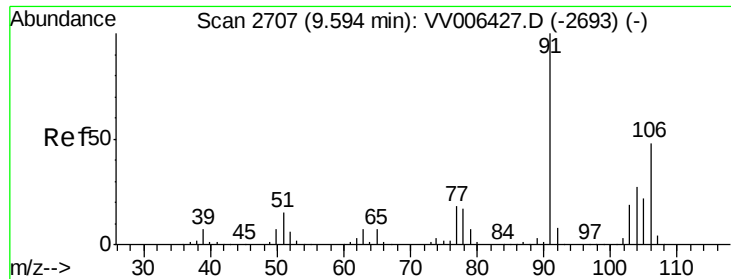
Tgt Ion: 106 Resp: 203057

Ion Ratio Lower Upper

106 100

91 198.3 138.8 257.8

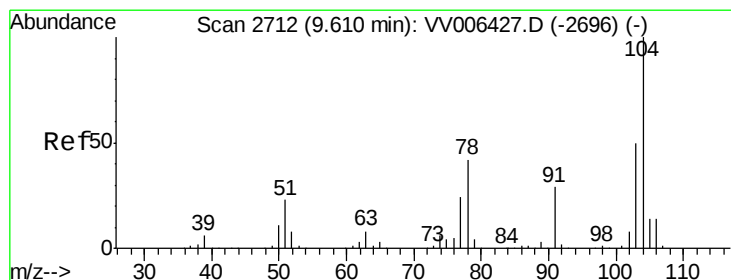
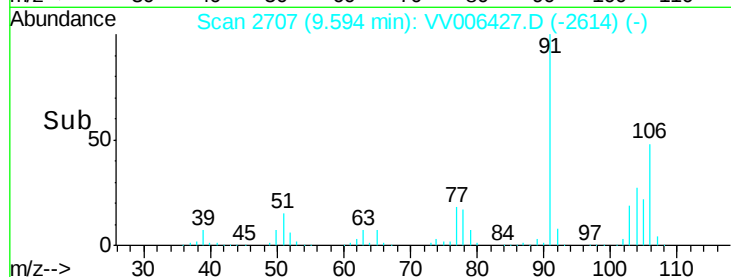
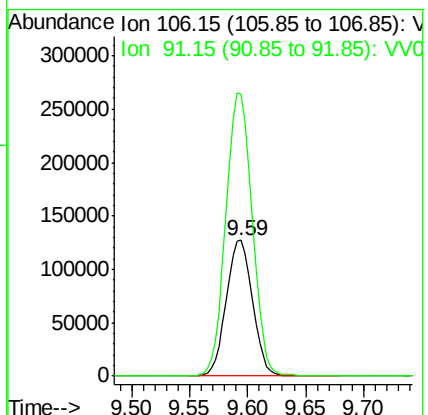
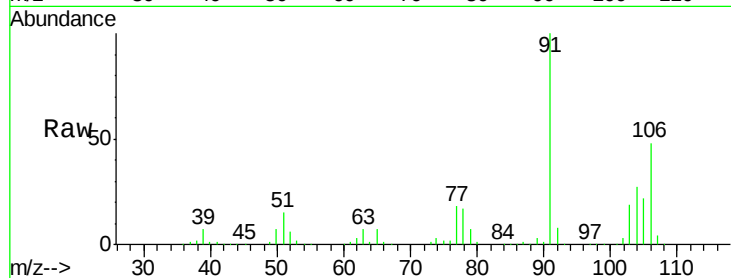




#54
o-xylene
Concen: 4.864 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

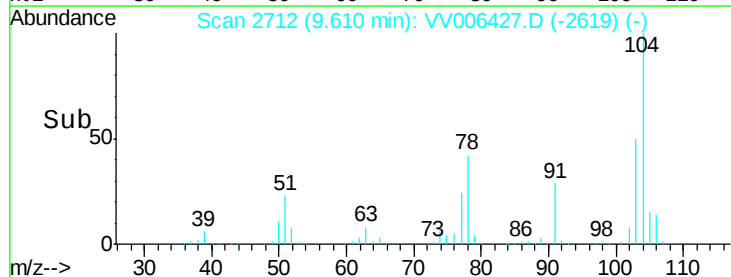
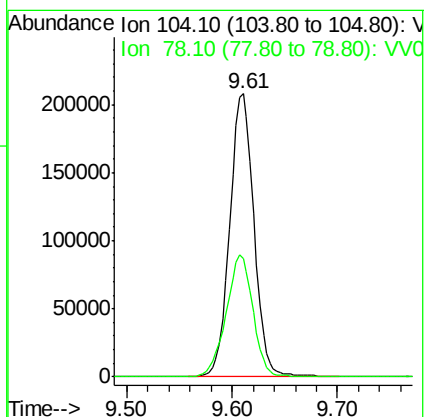
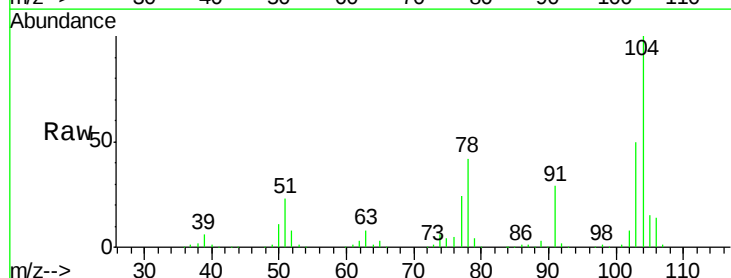
Instrument :
MSVOA_V
ClientSampleId :
VSTD00582

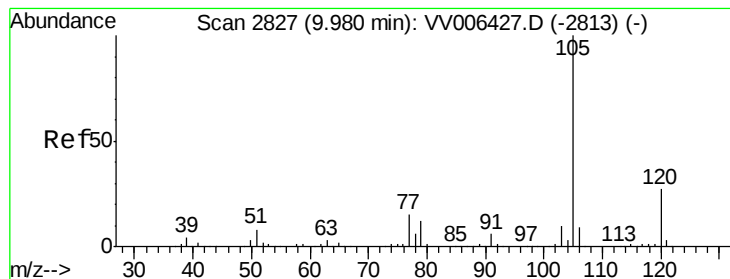
Tgt Ion:106 Resp: 198781
Ion Ratio Lower Upper
106 100
91 208.2 145.7 270.7



#55
Styrene
Concen: 4.950 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006427.D
Acq: 25 Jun 2018 11:45

Tgt Ion:104 Resp: 331008
Ion Ratio Lower Upper
104 100
78 41.6 29.1 54.1





#56

Isopropylbenzene

Concen: 4.920 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00582

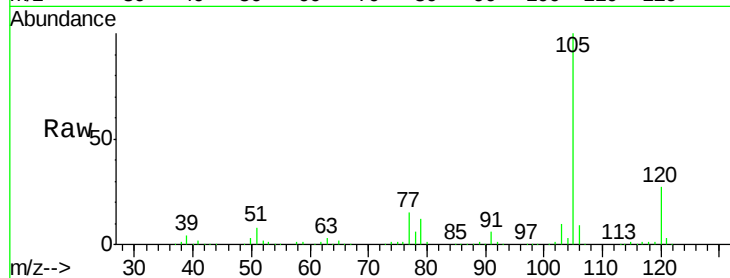
Tgt Ion: 105 Resp: 523933

Ion Ratio Lower Upper

105 100

120 27.1 21.7 32.5

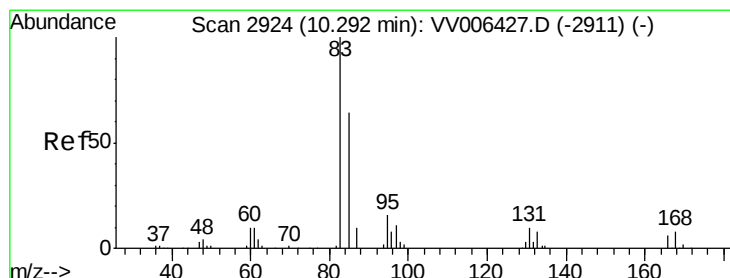
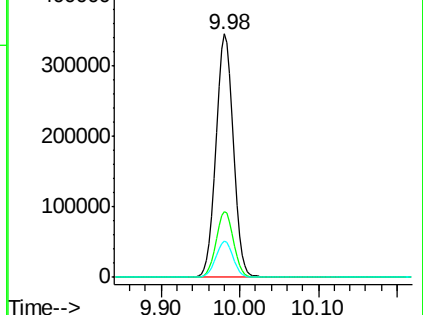
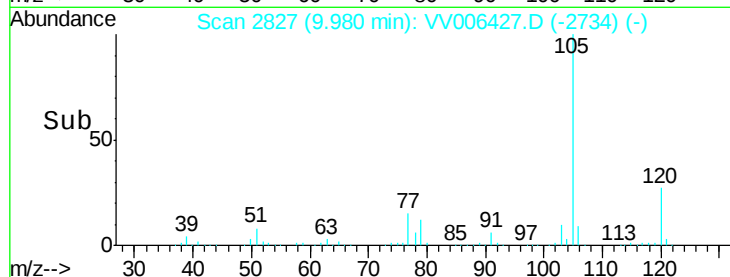
77 14.8 11.8 17.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.902 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

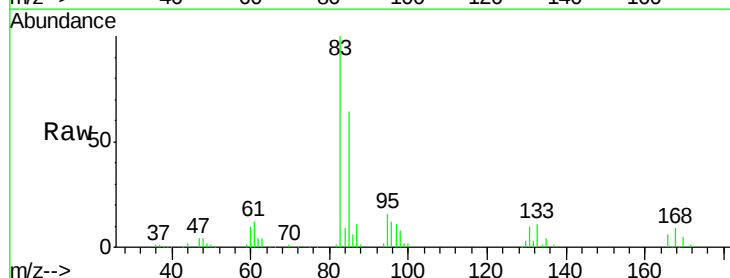
Tgt Ion: 83 Resp: 73523

Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

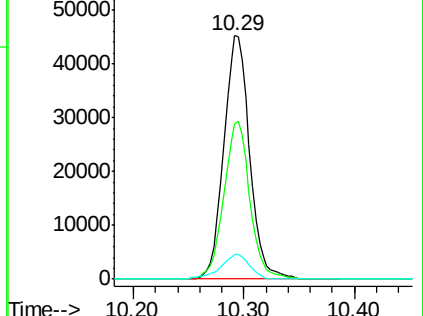
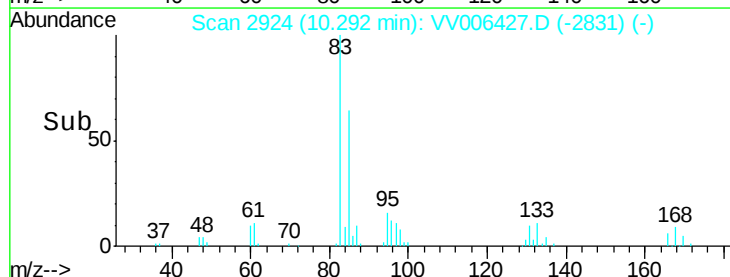
131 9.9 7.9 11.9

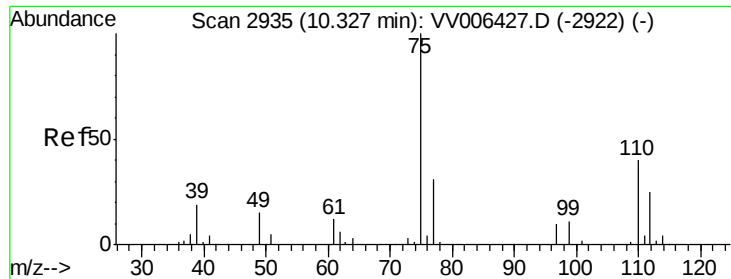


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

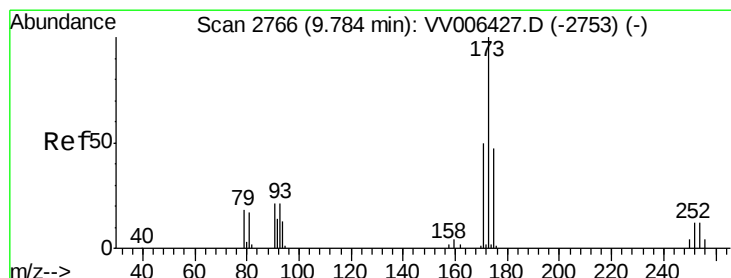
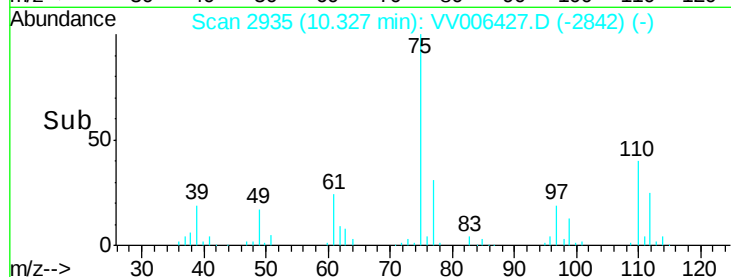
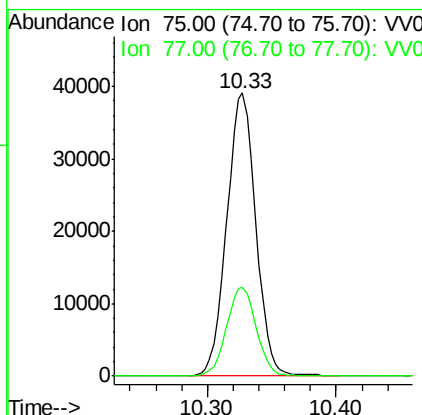
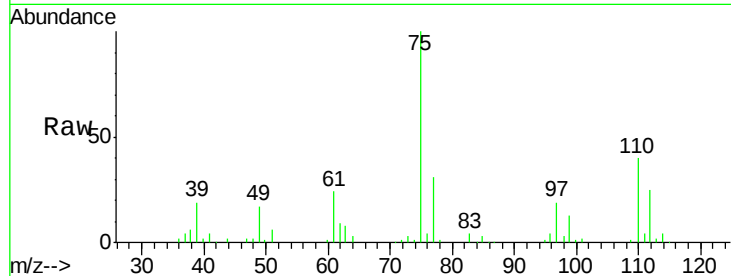




#59
 1,2,3-Trichloropropane
 Concen: 4.870 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

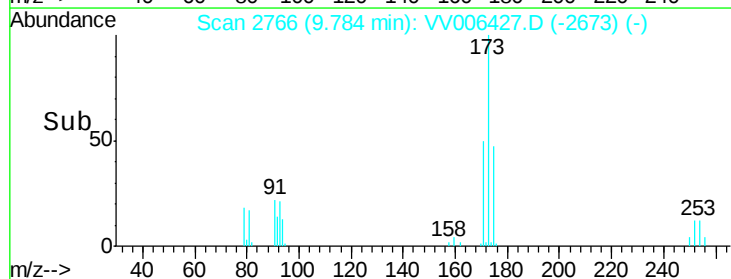
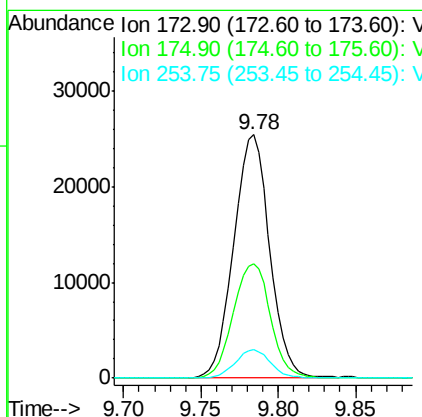
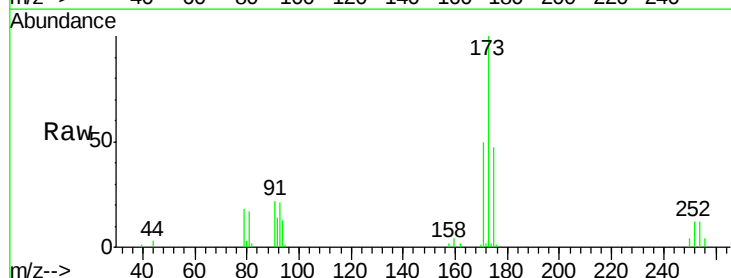
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

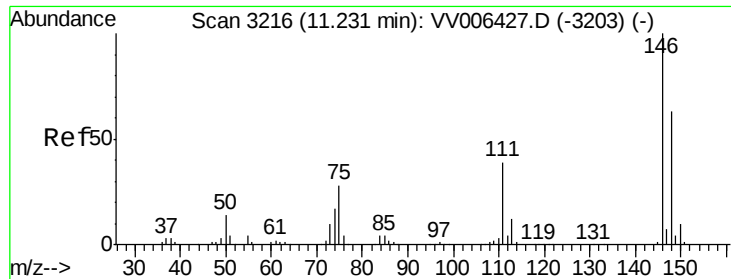
Tgt Ion: 75 Resp: 60994
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5



#61
 Bromoform
 Concen: 4.768 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion: 173 Resp: 41006
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.8 58.2
 254 11.3 9.0 13.6

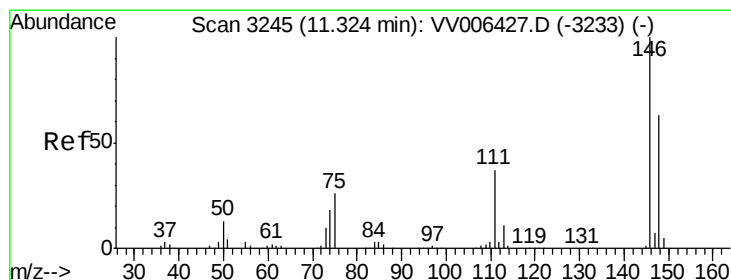
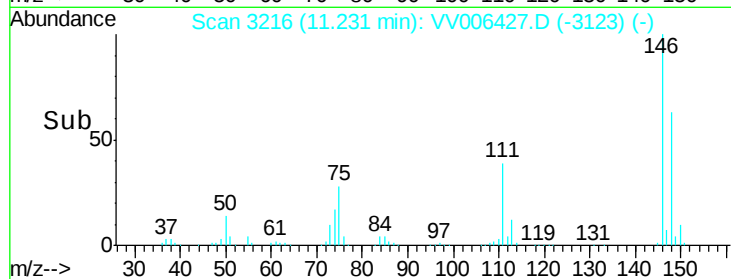
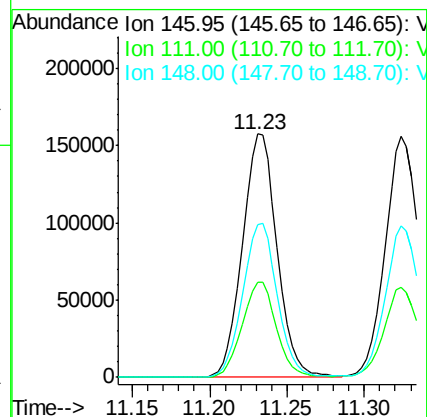
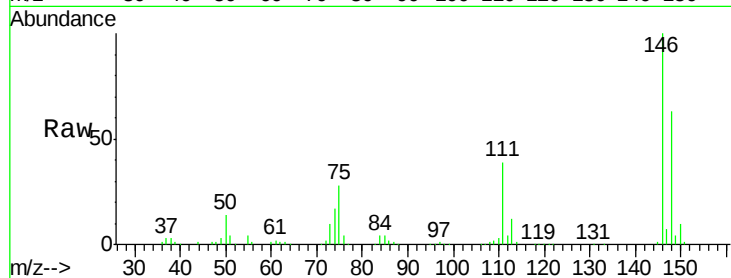




#62
 1,3-Dichlorobenzene
 Concen: 4.858 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

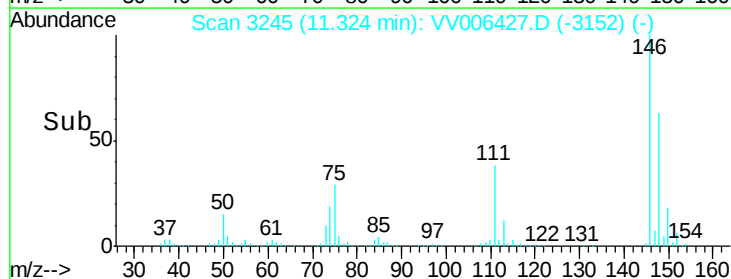
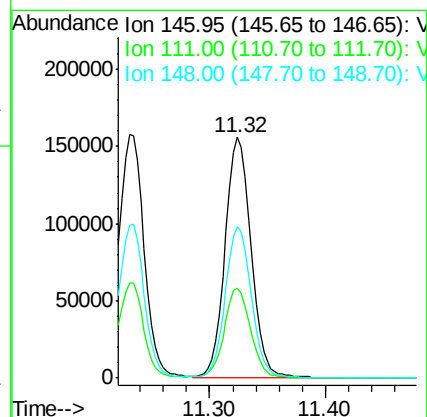
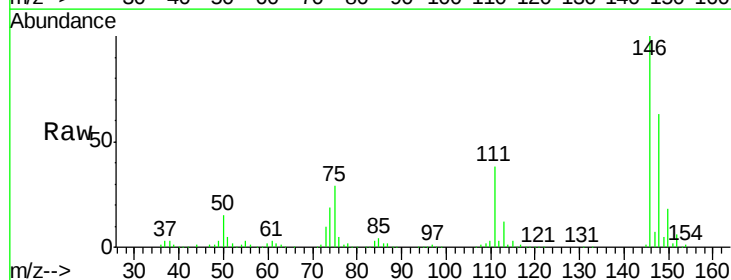
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

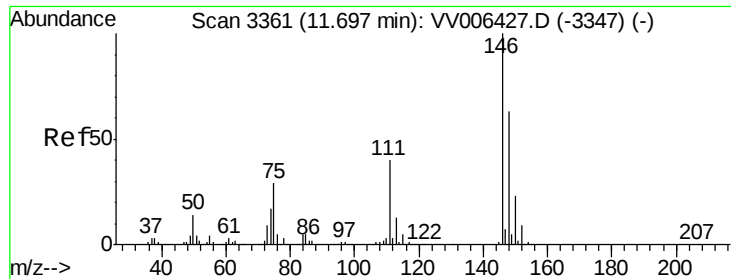
Tgt Ion:146 Resp: 245194
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.4 51.0
 148 63.0 44.1 81.9



#63
 1,4-Dichlorobenzene
 Concen: 4.816 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion:146 Resp: 243118
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.3 48.9
 148 62.8 44.0 81.6

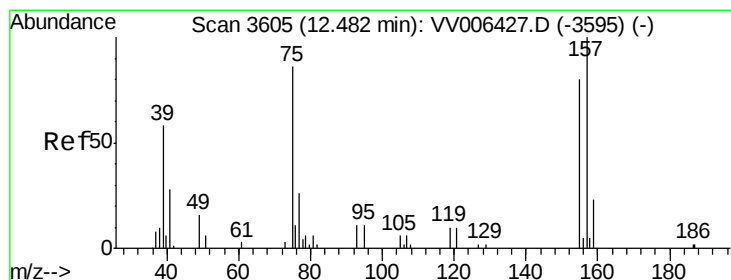
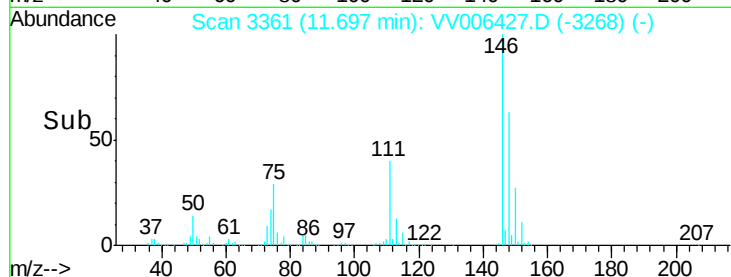
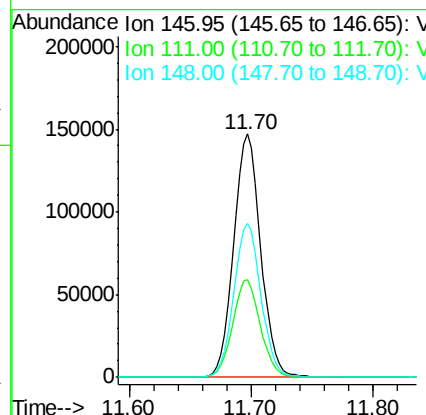
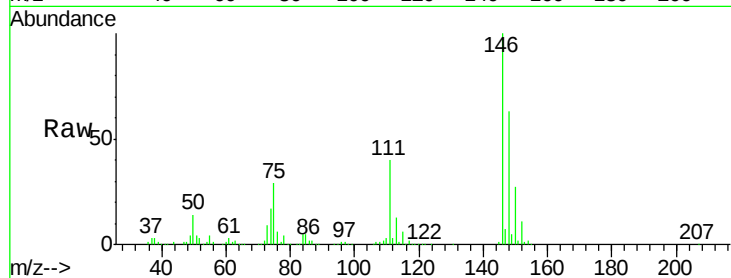




#65
 1,2-Dichlorobenzene
 Concen: 4.827 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

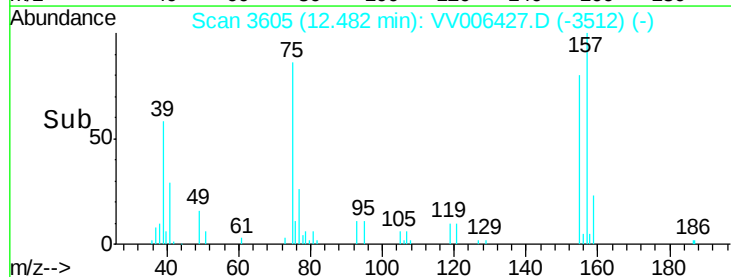
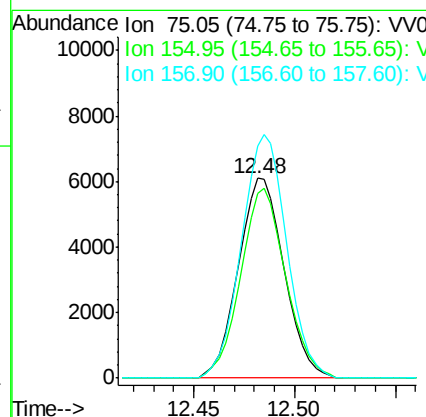
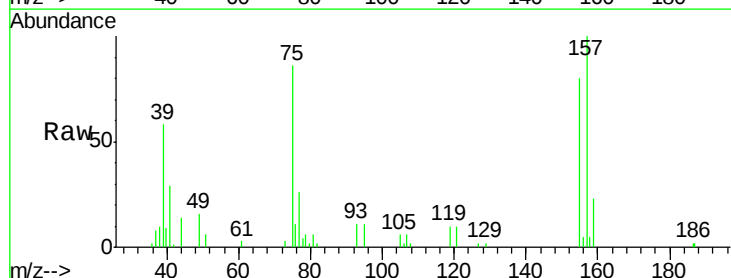
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

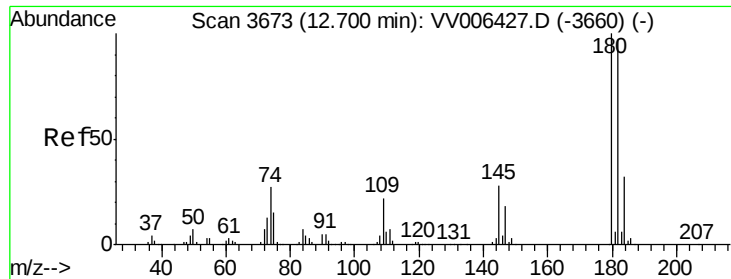
Tgt Ion: 146 Resp: 228017
 Ion Ratio Lower Upper
 146 100
 111 40.0 32.0 48.0
 148 63.5 50.8 76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.837 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion: 75 Resp: 9709
 Ion Ratio Lower Upper
 75 100
 155 92.4 73.9 110.9
 157 116.1 92.9 139.3

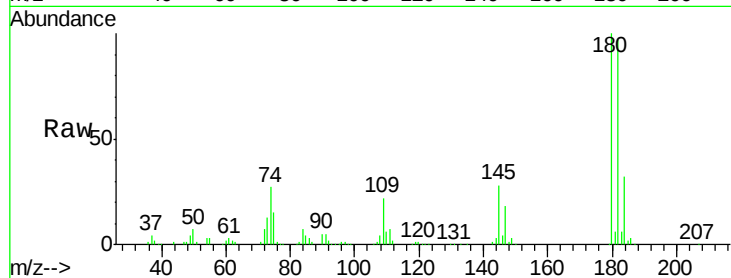




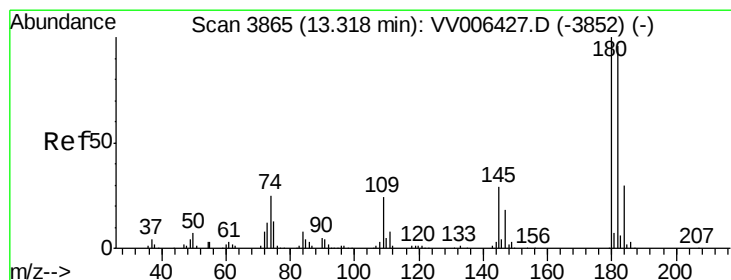
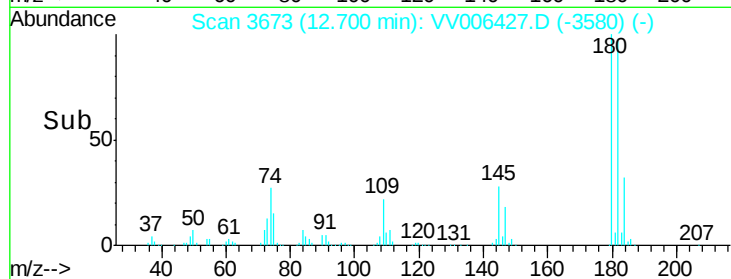
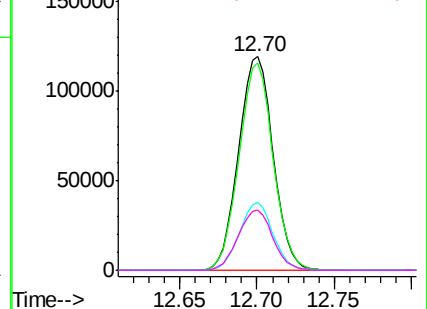
#67
 1,3,5-Trichlorobenzene
 Concen: 4.806 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

Tgt Ion:180 Resp: 184338
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 184 30.6 24.5 36.7
 145 28.3 22.6 34.0

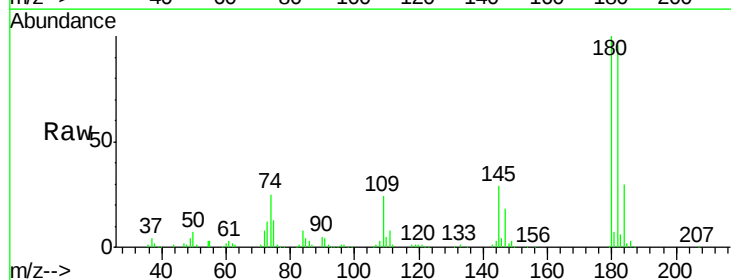


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

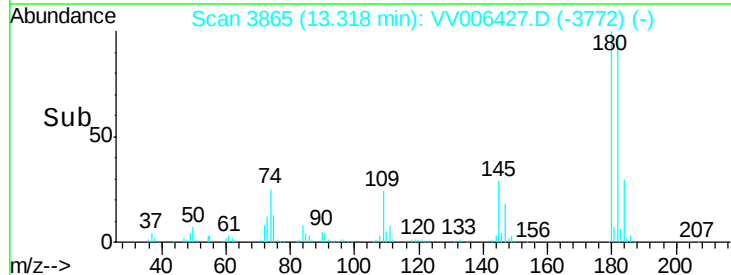
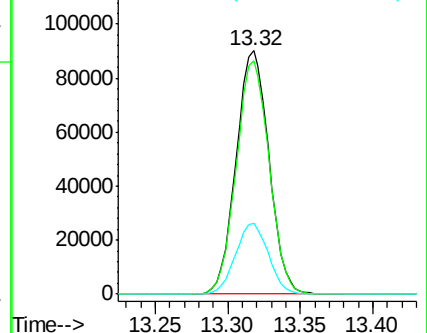


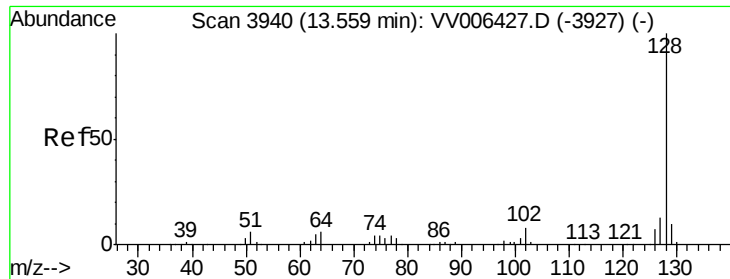
#68
 1,2,4-trichlorobenzene
 Concen: 5.050 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006427.D
 Acq: 25 Jun 2018 11:45

Tgt Ion:180 Resp: 142036
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 28.8 23.0 34.6



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





#69

Naphthalene

Concen: 5.163 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00582

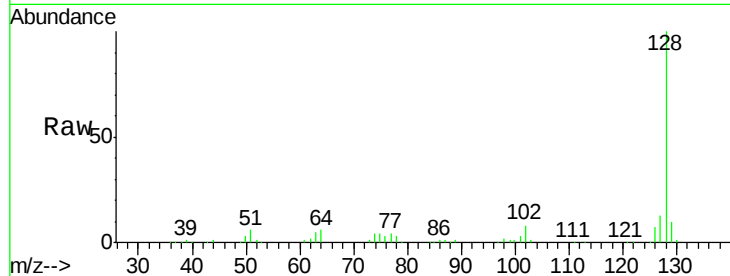
Tgt Ion:128 Resp: 212223

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

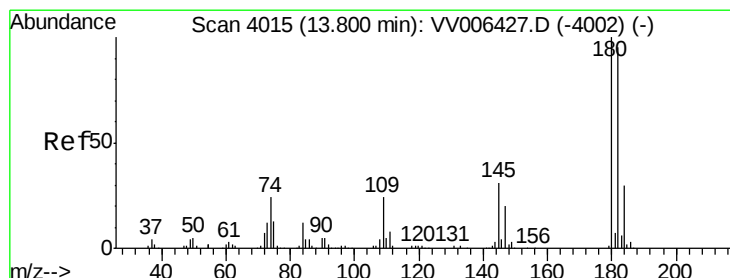
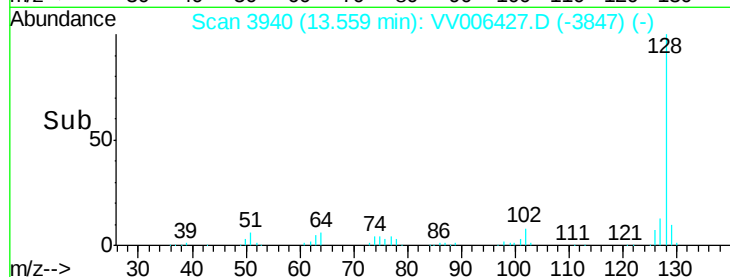
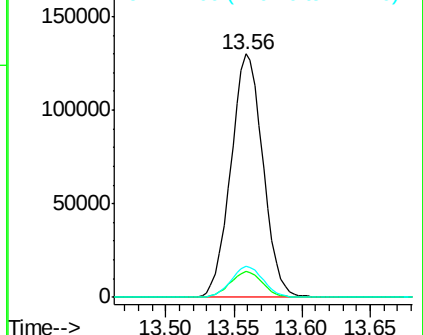
127 12.8 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.011 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV006427.D

Acq: 25 Jun 2018 11:45

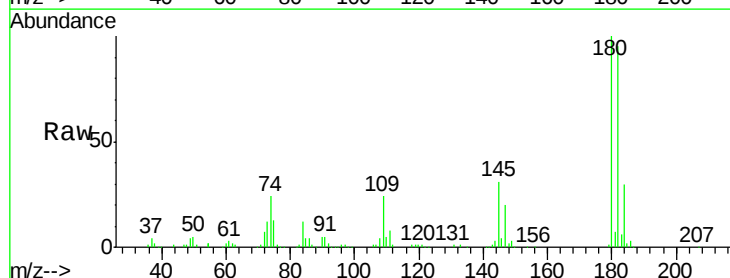
Tgt Ion:180 Resp: 131193

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 31.0 24.8 37.2



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

