

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070718\
 Data File : VV006552.D
 Acq On : 07 Jul 2018 08:46
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Quant Time: Jul 09 02:36:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 09 02:36:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	335405	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9541	0.45	ug/L	0.00
7) Chloroethane-d5	1.59	69	7767	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	17720	0.46	ug/L	0.00
20) 2-Butanone-d5	3.98	46	22700	5.37	ug/L	0.00
24) Chloroform-d	4.41	84	18256	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8259	0.47	ug/L	0.00
32) Benzene-d6	5.10	84	34518	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11559	0.49	ug/L	0.00
41) Toluene-d8	7.36	98	29109	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3533	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	15525	4.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	8733	0.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11697	0.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9996	0.396 ug/L	96
3) Chloromethane	1.26	50	18041	0.678 ug/L	100
5) Vinyl chloride	1.32	62	15038	0.537 ug/L	98
6) Bromomethane	1.54	94	6764	0.434 ug/L	98
8) Chloroethane	1.60	64	9372	0.531 ug/L	97
9) Trichlorofluoromethane	1.77	101	16162	0.484 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10096	0.480 ug/L	99
12) 1,1-Dichloroethene	2.15	96	10485	0.508 ug/L	91
13) Acetone	2.23	43	15677	6.079 ug/L	64
14) Carbon disulfide	2.32	76	30575	0.519 ug/L #	94
15) Methyl Acetate	2.48	43	4506	0.593 ug/L	96
16) Methylene chloride	2.54	84	13290	0.553 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	23828	0.480 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	11385	0.506 ug/L	97
19) 1,1-Dichloroethane	3.23	63	19846	0.497 ug/L	98
21) 2-Butanone	4.07	43	22877	4.906 ug/L #	64
22) cis-1,2-Dichloroethene	3.97	96	11973	0.486 ug/L	98
23) Bromochloromethane	4.30	128	4894	0.487 ug/L	92
25) Chloroform	4.43	83	19881	0.496 ug/L	100
27) 1,2-Dichloroethane	5.19	62	11301	0.502 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	15386	0.462 ug/L	98
30) Cyclohexane	4.73	56	15708	0.463 ug/L	95
31) Carbon tetrachloride	4.88	117	12532	0.447 ug/L	97
33) Benzene	5.15	78	43495	0.477 ug/L	100
34) Trichloroethene	5.96	95	11532	0.449 ug/L	97
35) Methylcyclohexane	6.18	83	17280	0.453 ug/L	98
37) 1,2-Dichloropropane	6.23	63	10790	0.485 ug/L #	96
38) Bromodichloromethane	6.56	83	12146	0.476 ug/L	94
39) cis-1,3-Dichloropropene	7.08	75	13170	0.428 ug/L	93
40) 4-Methyl-2-pentanone	7.29	43	52792	4.832 ug/L	98

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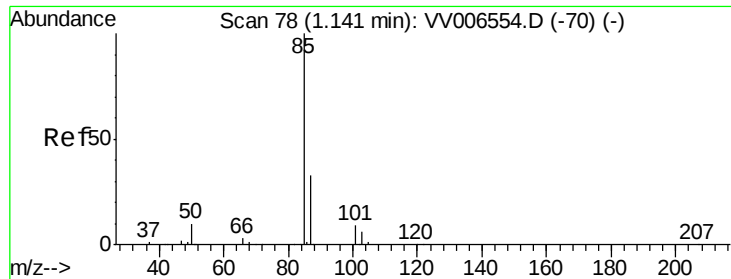
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Quant Time: Jul 09 02:36:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.44	91	44912	0.466	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	9856	0.410	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	7623	0.495	ug/L	98
47) Tetrachloroethene	8.02	164	9244	0.469	ug/L	99
48) 2-Hexanone	8.20	43	36681	4.672	ug/L	98
49) Dibromochloromethane	8.30	129	7359	0.451	ug/L	89
50) 1,2-Dibromoethane	8.40	107	6676	0.482	ug/L	97
51) Chlorobenzene	8.93	112	29949	0.471	ug/L	97
52) Ethylbenzene	9.06	91	46194	0.444	ug/L	99
53) m,p-xylene	9.19	106	17193	0.428	ug/L	100
54) o-xylene	9.59	106	17092	0.434	ug/L	98
55) Styrene	9.61	104	27990	0.433	ug/L	96
56) Isopropylbenzene	9.98	105	42433	0.414	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	8751	0.576	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	6473	0.527	ug/L	98
61) Bromoform	9.78	173	3681	0.483	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	20826	0.471	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	21443	0.482	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	20482	0.491	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	971	0.523	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	16484	0.485	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	12277	0.489	ug/L	100
69) Naphthalene	13.56	128	18866	0.498	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	11317	0.481	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 0.396 ug/L

RT: 1.14 min Scan# 78

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

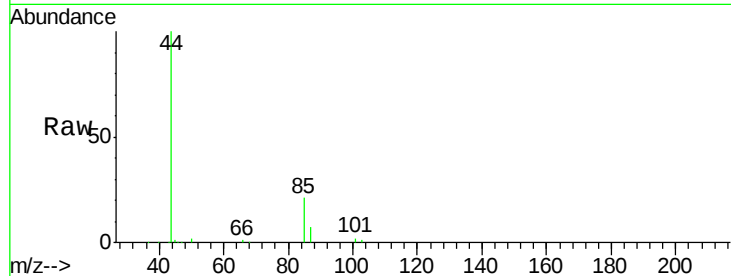
VSTD0.561

Tgt Ion: 85 Resp: 9996

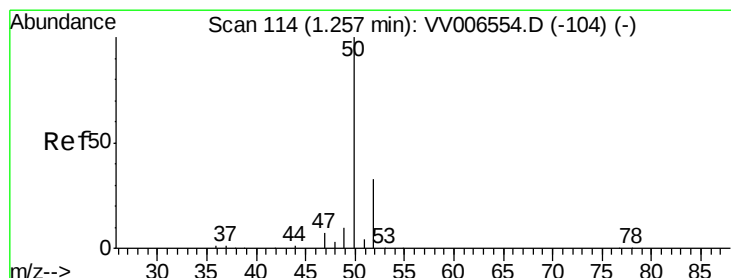
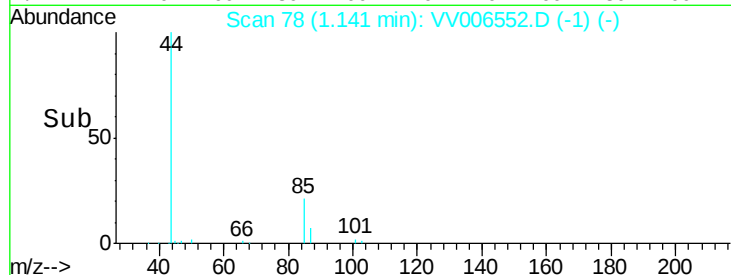
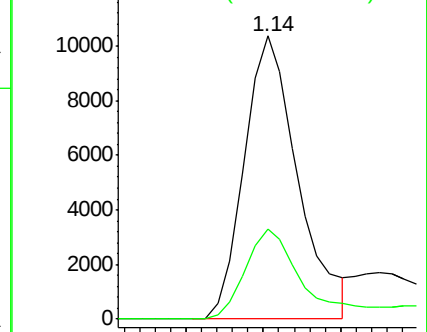
Ion Ratio Lower Upper

85 100

87 34.2 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV006554.D (-70) (-)



#3

Chloromethane

Concen: 0.678 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006552.D

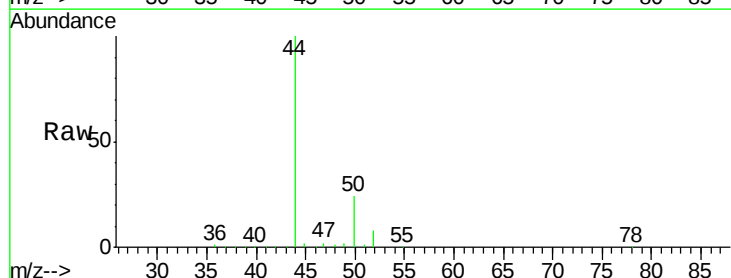
Acq: 07 Jul 2018 08:46

Tgt Ion: 50 Resp: 18041

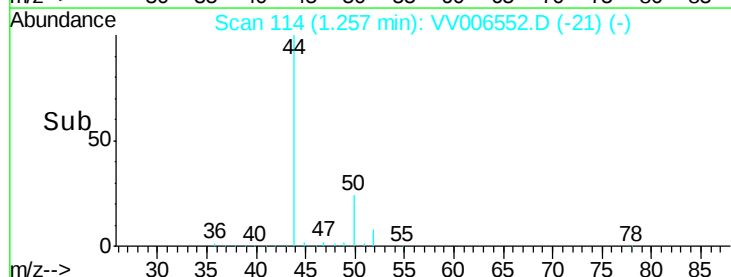
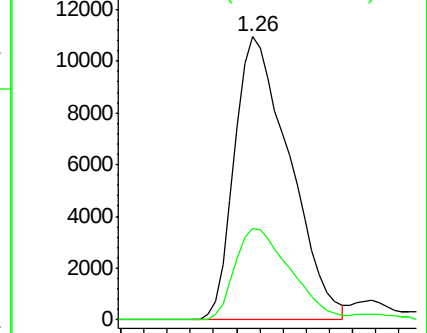
Ion Ratio Lower Upper

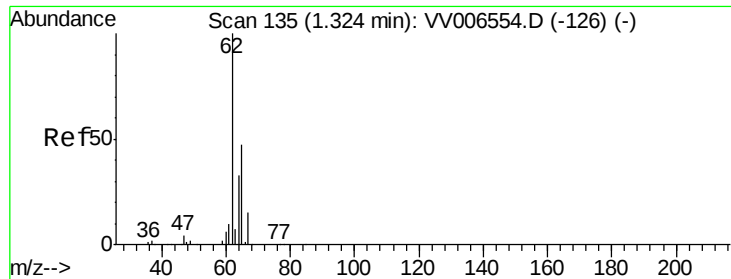
50 100

52 32.5 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV006554.D (-104) (-)





#5

Vinyl chloride

Concen: 0.537 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

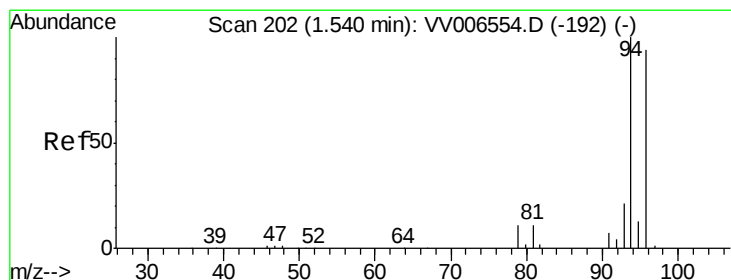
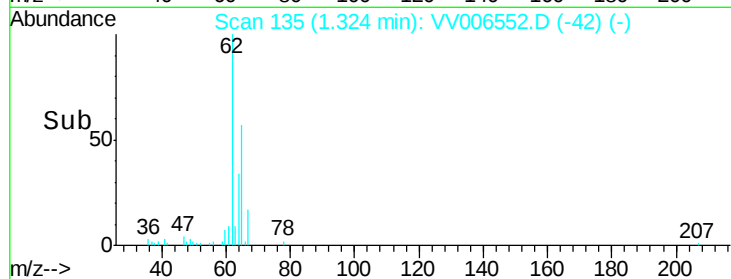
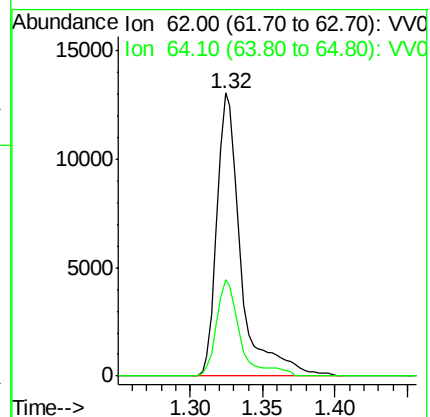
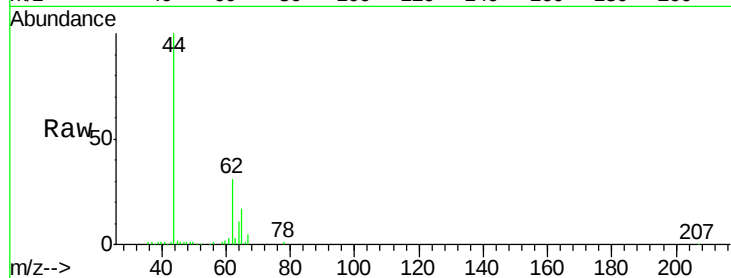
VSTD0.561

Tgt Ion: 62 Resp: 15038

Ion Ratio Lower Upper

62 100

64 34.1 23.0 42.6



#6

Bromomethane

Concen: 0.434 ug/L

RT: 1.54 min Scan# 202

Delta R.T. -0.00 min

Lab File: VV006552.D

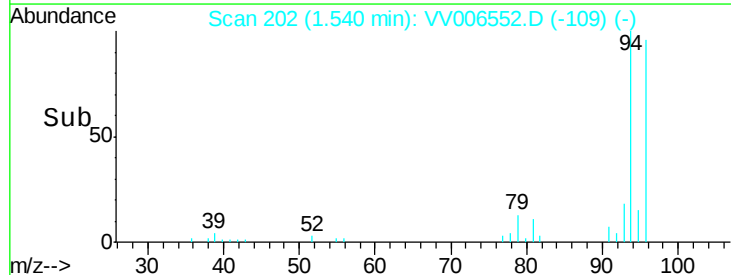
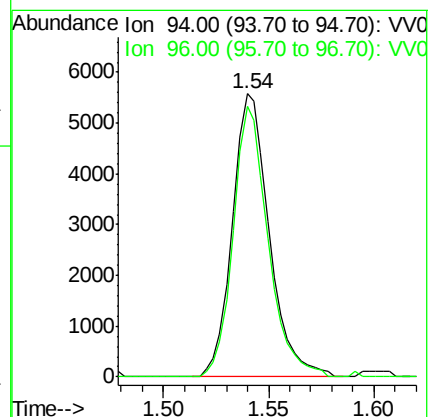
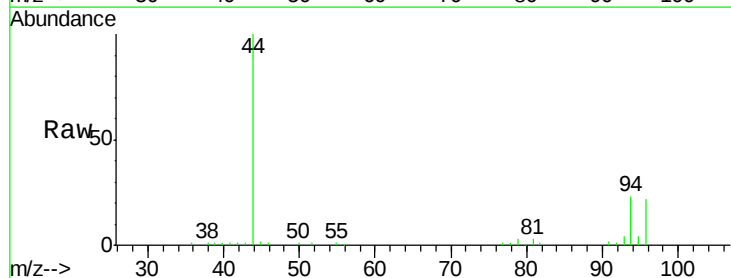
Acq: 07 Jul 2018 08:46

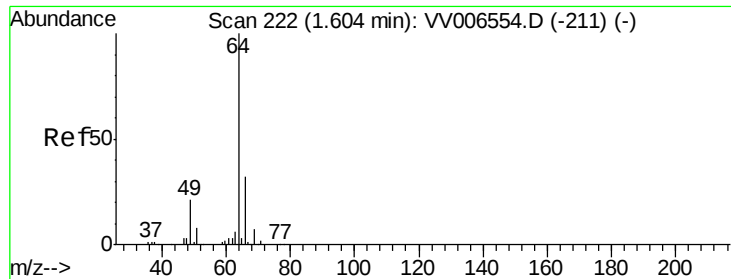
Tgt Ion: 94 Resp: 6764

Ion Ratio Lower Upper

94 100

96 95.8 65.7 122.1





#8

Chloroethane

Concen: 0.531 ug/L

RT: 1.60 min Scan# 222

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

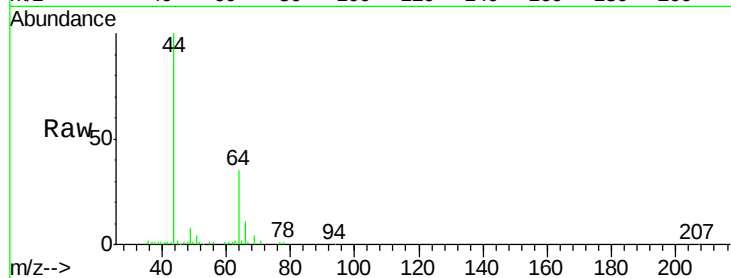
VSTD0.561

Tgt Ion: 64 Resp: 9372

Ion Ratio Lower Upper

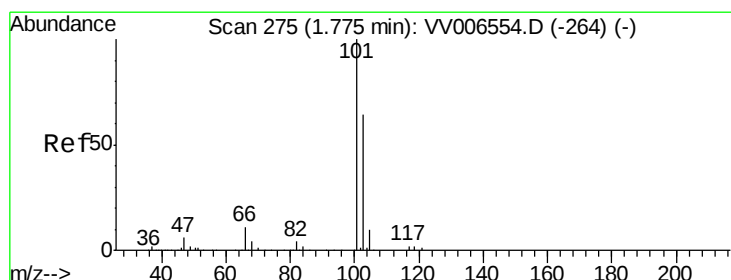
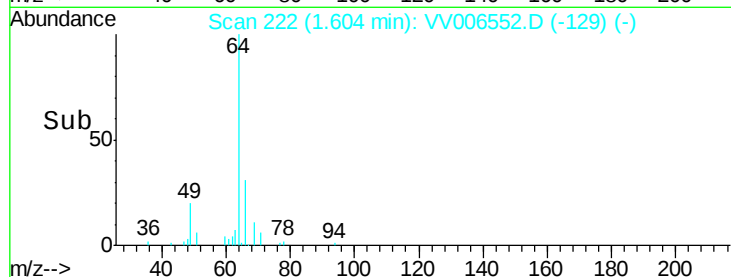
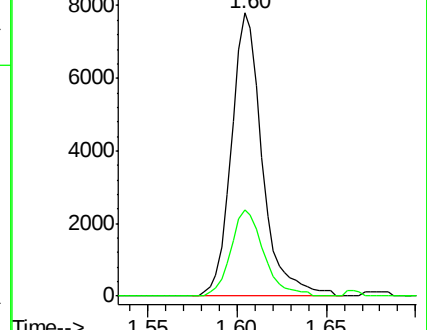
64 100

66 30.6 22.5 41.7



Abundance Ion 64.10 (63.80 to 64.80): VV006552.D (-129) (-)

Ion 66.05 (65.75 to 66.75): VV006552.D (-129) (-)



#9

Trichlorofluoromethane

Concen: 0.484 ug/L

RT: 1.77 min Scan# 275

Delta R.T. -0.00 min

Lab File: VV006552.D

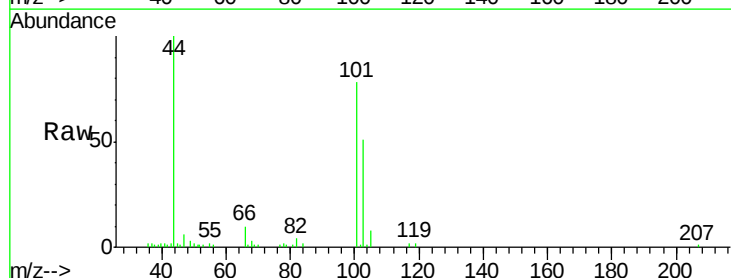
Acq: 07 Jul 2018 08:46

Tgt Ion: 101 Resp: 16162

Ion Ratio Lower Upper

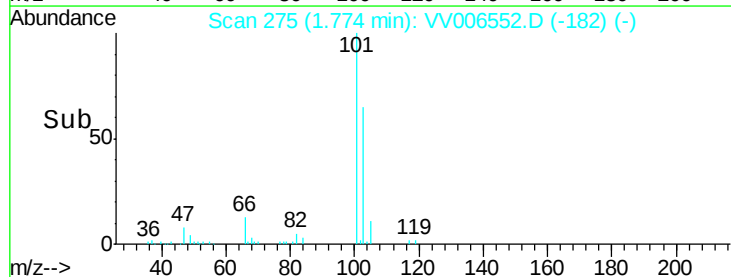
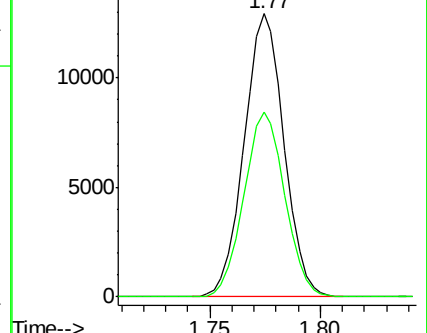
101 100

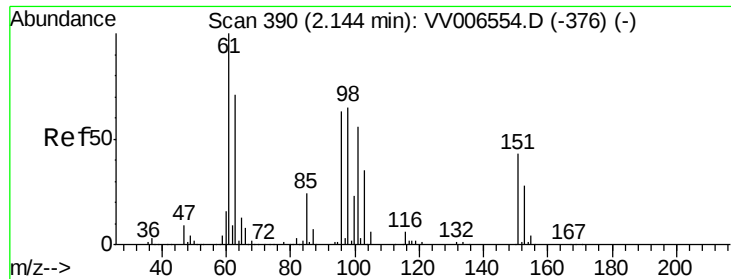
103 67.2 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VV006552.D (-182) (-)

Ion 103.00 (102.70 to 103.70): VV006552.D (-182) (-)





#10

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

Concen: 0.480 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.561

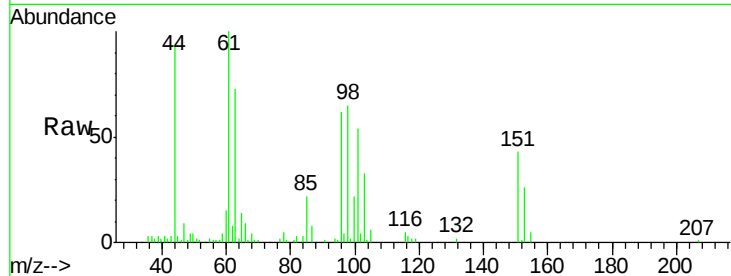
Tgt Ion: 101 Resp: 10096

Ion Ratio Lower Upper

101 100

85 42.1 33.1 49.7

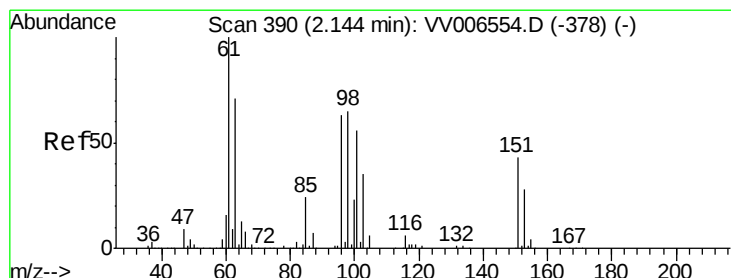
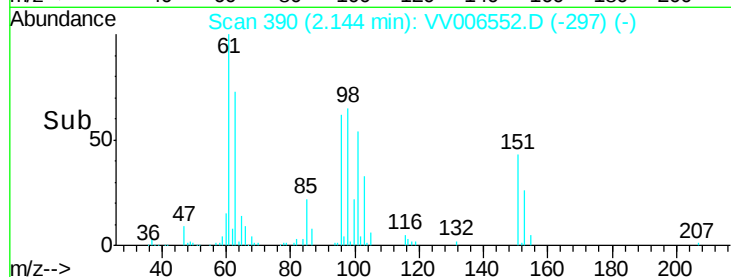
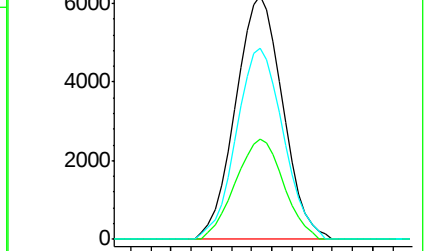
151 78.3 61.5 92.3



Abundance Ion 101.00 (100.70 to 101.70): VV006552.D (-297) (-)

Ion 85.00 (84.70 to 85.70): VV006552.D (-297) (-)

Ion 151.00 (150.70 to 151.70): VV006552.D (-297) (-)



#12

1,1-Dichloroethene

Concen: 0.508 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

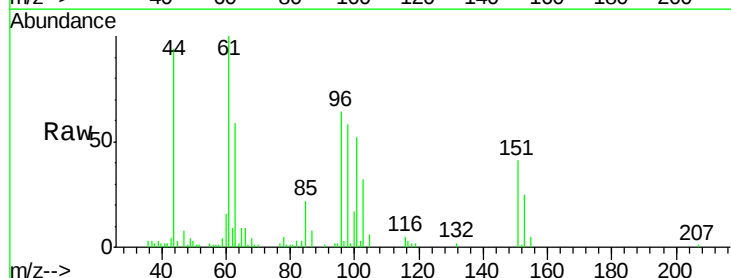
Tgt Ion: 96 Resp: 10485

Ion Ratio Lower Upper

96 100

61 156.1 110.7 205.7

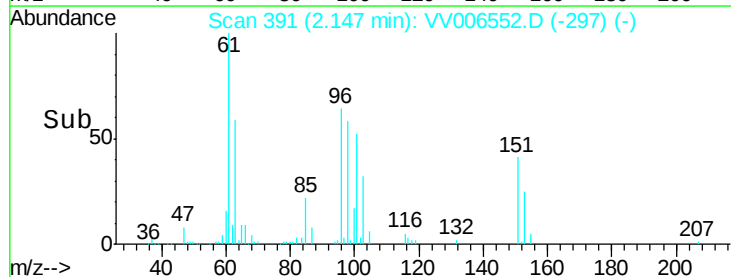
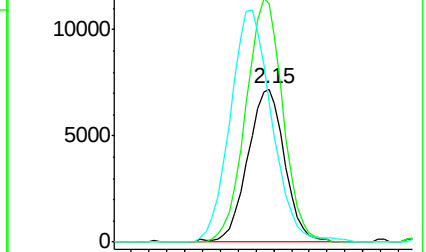
63 91.9 79.0 146.8

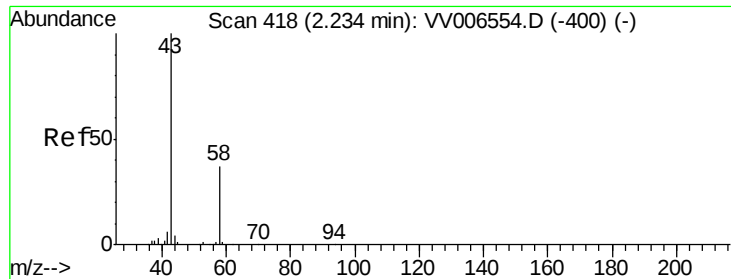


Abundance Ion 96.00 (95.70 to 96.70): VV006552.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VV006552.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006552.D (-297) (-)

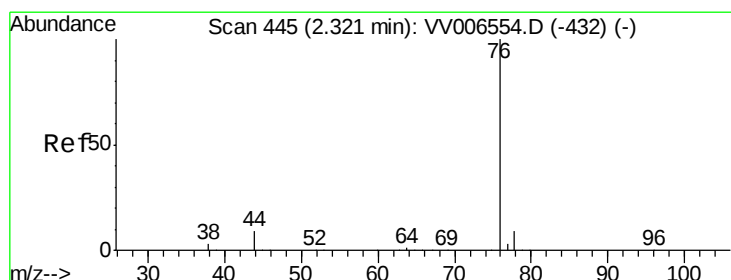
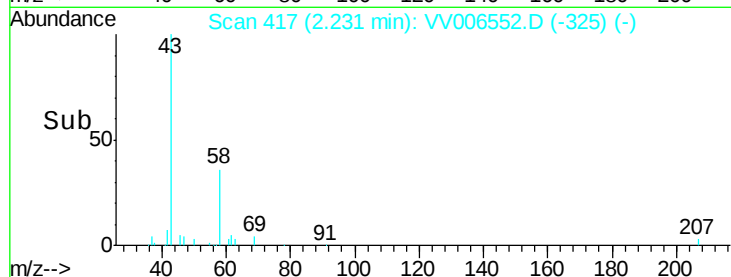
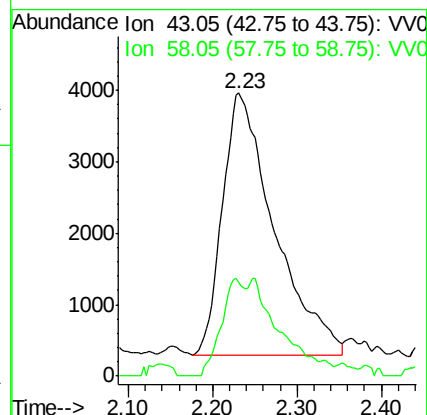
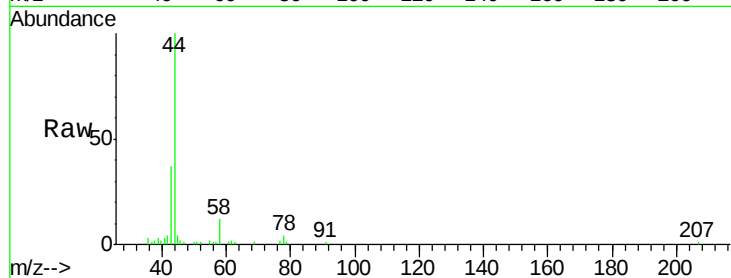




#13
Acetone
Concen: 6.079 ug/L
RT: 2.23 min Scan# 417
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

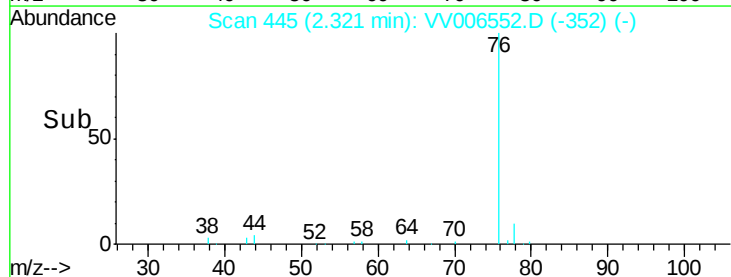
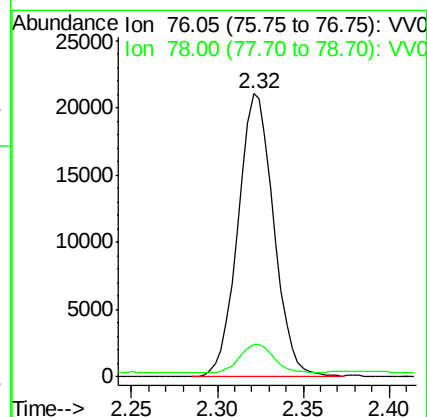
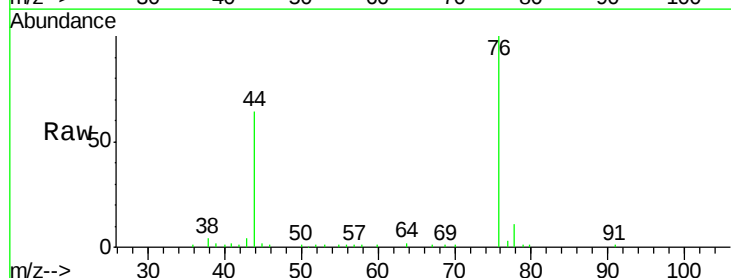
Instrument :
MSVOA_V
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VSTD0.561

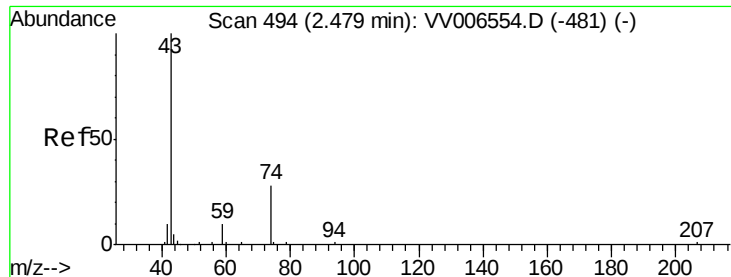
Tgt Ion: 43 Resp: 15677
Ion Ratio Lower Upper
43 100
58 16.1 0.0 76.2



#14
Carbon disulfide
Concen: 0.519 ug/L
RT: 2.32 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion: 76 Resp: 30575
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.2#

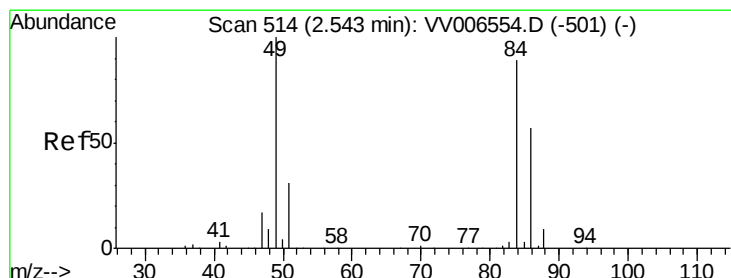
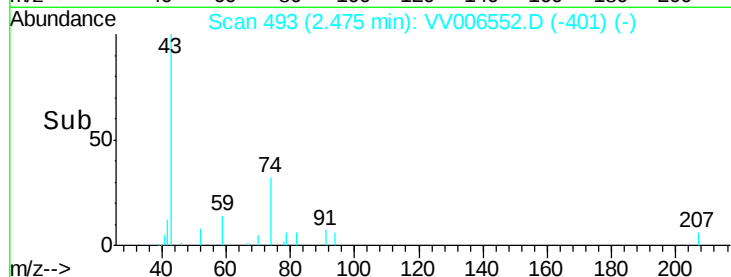
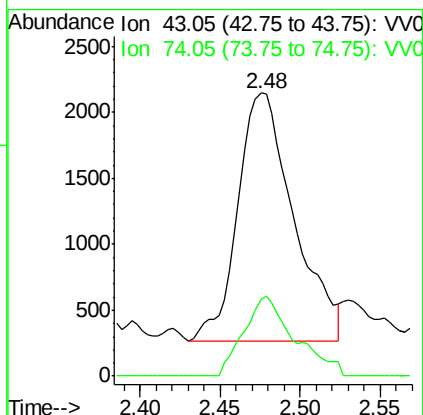
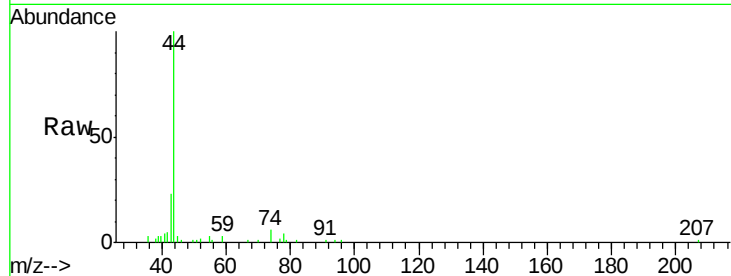




#15
Methyl Acetate
Concen: 0.593 ug/L
RT: 2.48 min Scan# 493
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

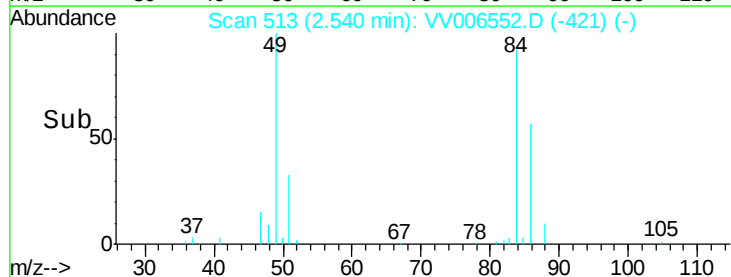
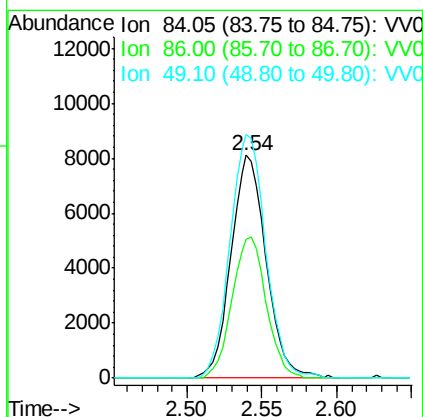
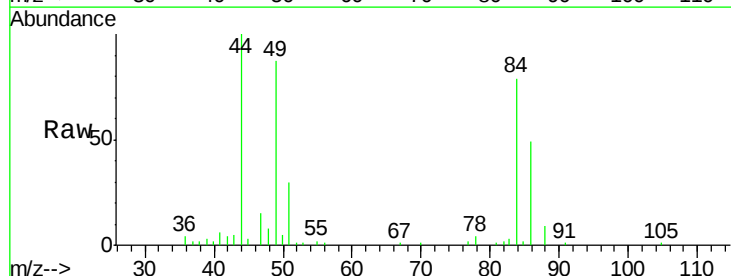
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.561

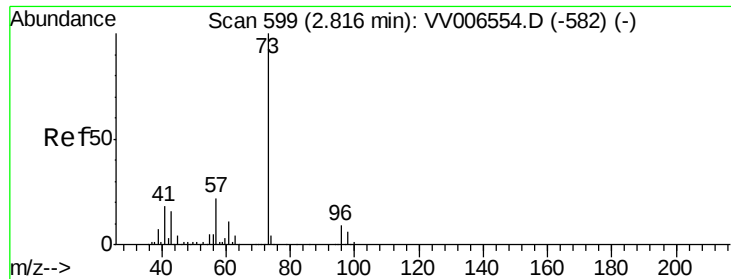
Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
74 29.3 21.8 32.6



#16
Methylene chloride
Concen: 0.553 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion: 84 Resp: 13290
Ion Ratio Lower Upper
84 100
86 62.0 44.7 82.9
49 109.2 78.7 146.1

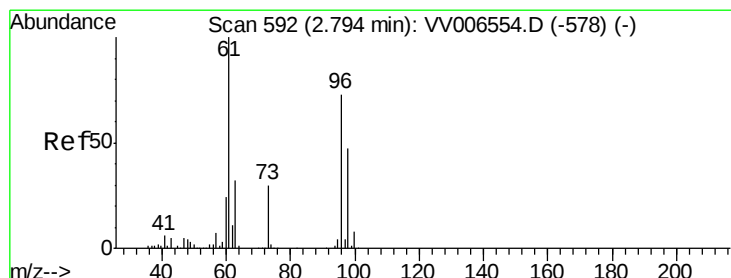
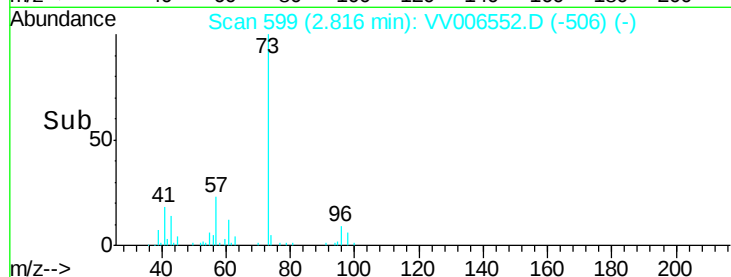
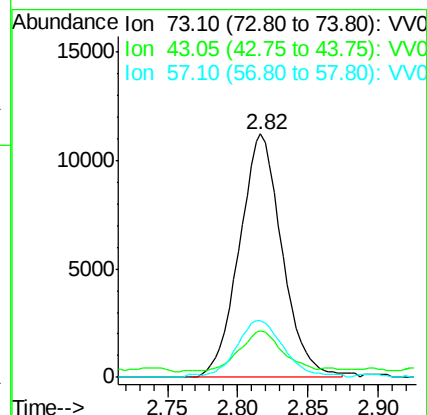
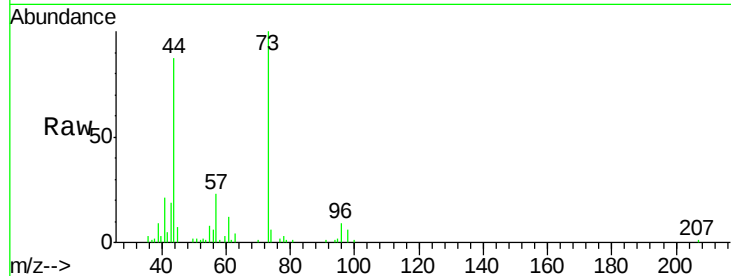




#17
Methyl tert-butyl Ether
Concen: 0.480 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

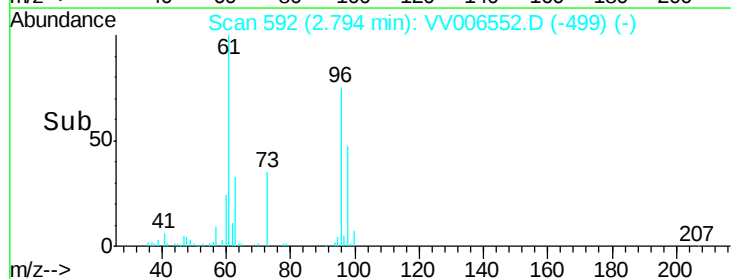
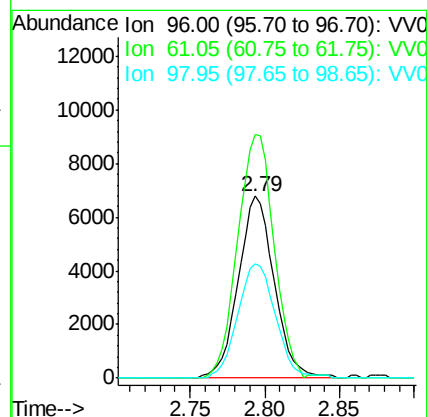
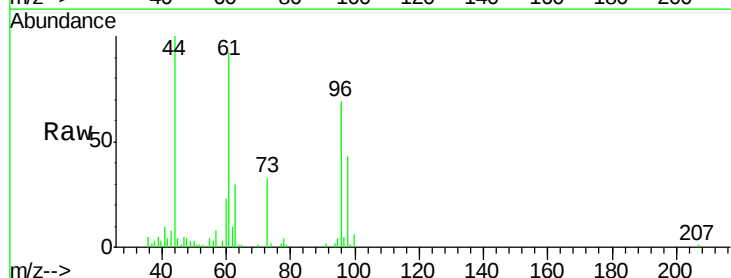
Instrument :
MSVOA_V
ClientSampled :
VSTD0.561

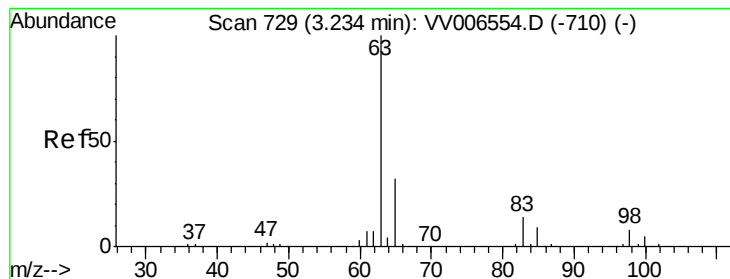
Tgt Ion: 73 Resp: 23828
Ion Ratio Lower Upper
73 100
43 15.7 12.5 18.7
57 25.7 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 0.506 ug/L
RT: 2.79 min Scan# 592
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion: 96 Resp: 11385
Ion Ratio Lower Upper
96 100
61 134.0 96.5 179.3
98 62.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.497 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.561

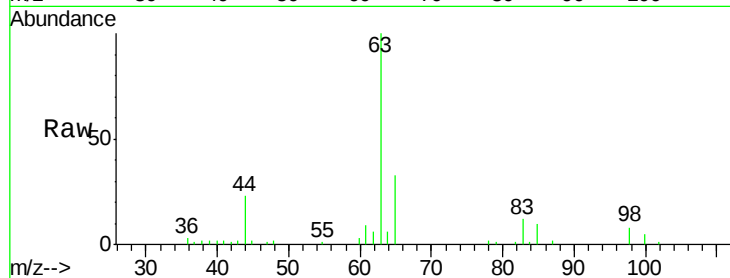
Tgt Ion: 63 Resp: 19846

Ion Ratio Lower Upper

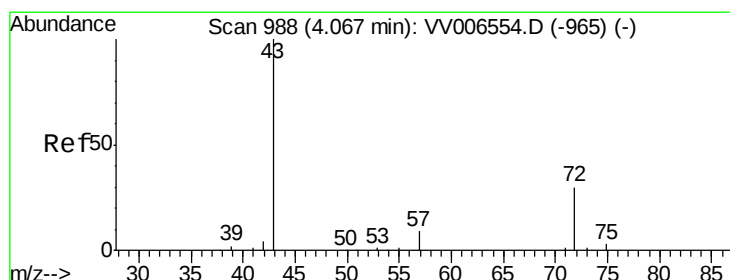
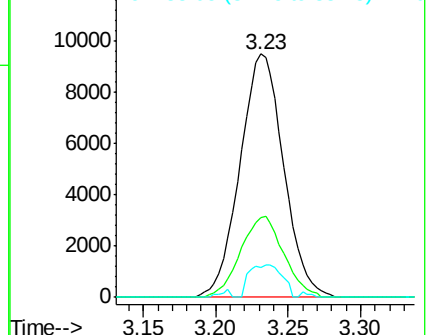
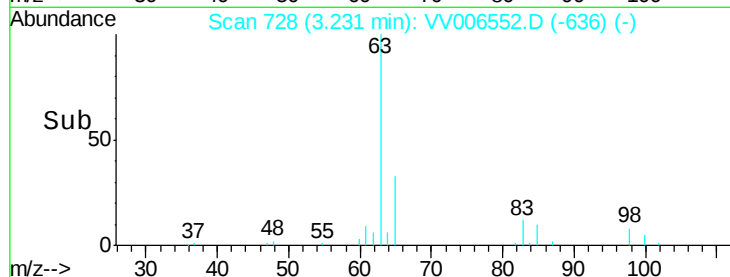
63 100

65 32.8 22.0 41.0

83 12.4 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VV006552.D (-636) (-)



#21

2-Butanone

Concen: 4.906 ug/L

RT: 4.07 min Scan# 988

Delta R.T. -0.00 min

Lab File: VV006552.D

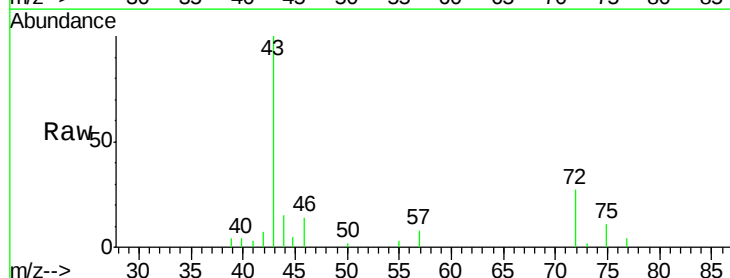
Acq: 07 Jul 2018 08:46

Tgt Ion: 43 Resp: 22877

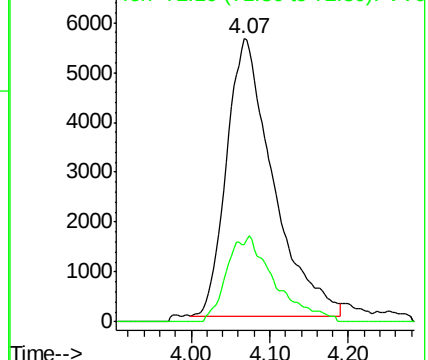
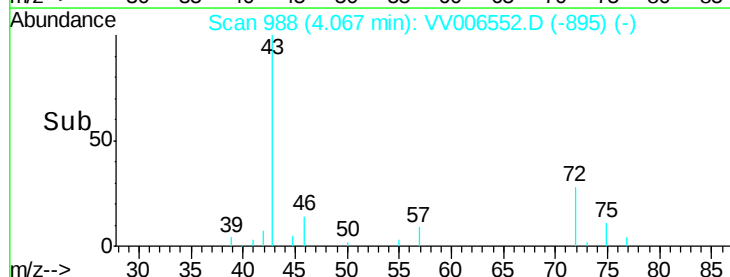
Ion Ratio Lower Upper

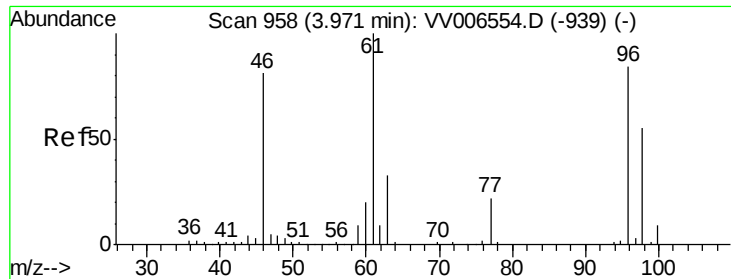
43 100

72 10.8 15.1 45.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006552.D (-895) (-)



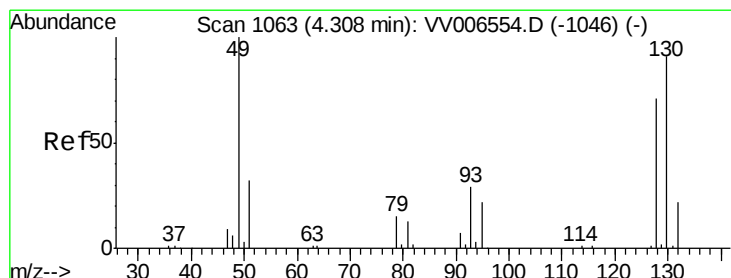
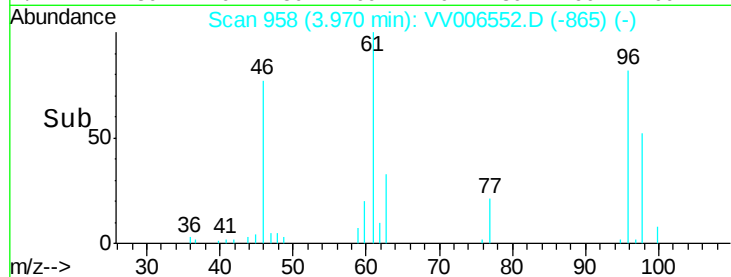
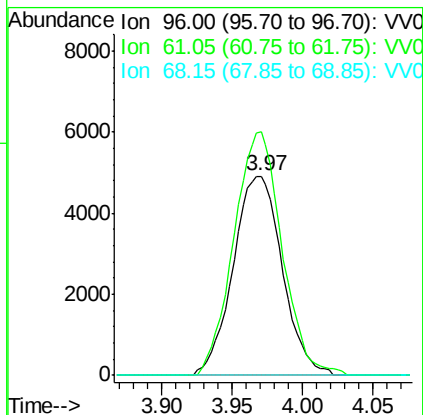
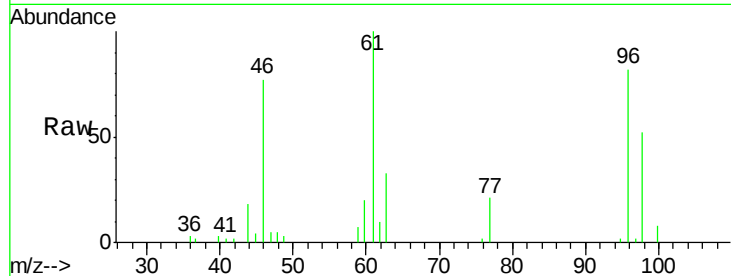


#22

cis-1,2-Dichloroethene
Concen: 0.486 ug/L
RT: 3.97 min Scan# 958
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.561

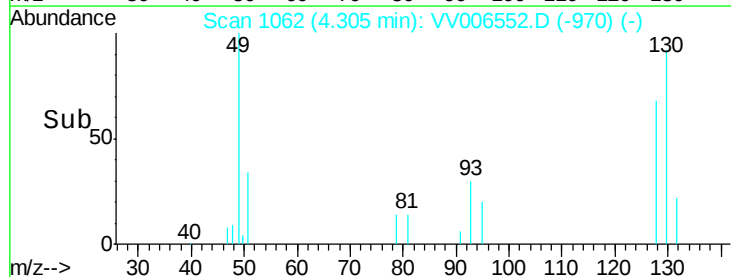
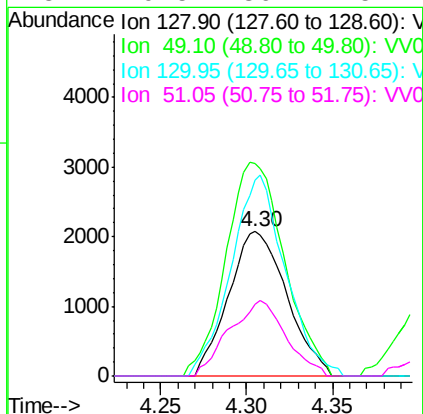
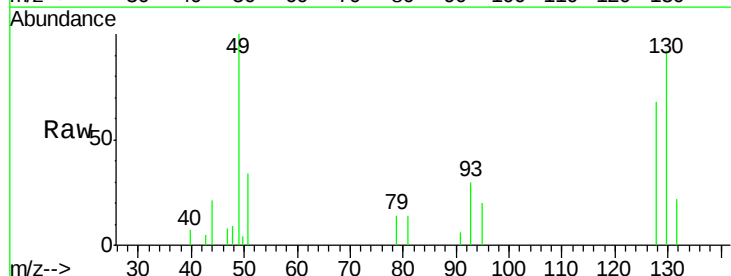
Tgt Ion: 96 Resp: 11973
Ion Ratio Lower Upper
96 100
61 122.3 83.8 155.6
68 0.0 0.0 0.0

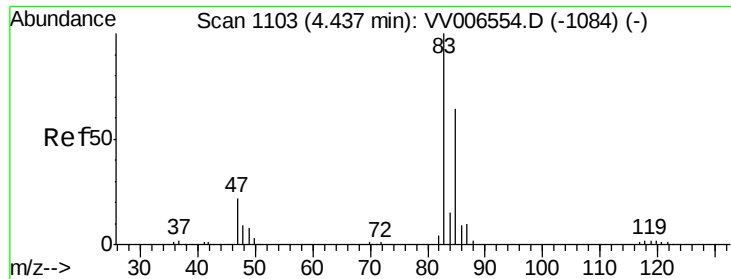


#23

Bromochloromethane
Concen: 0.487 ug/L
RT: 4.30 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion: 128 Resp: 4894
Ion Ratio Lower Upper
128 100
49 153.0 98.8 183.4
130 135.5 89.5 166.1
51 49.5 36.2 54.2

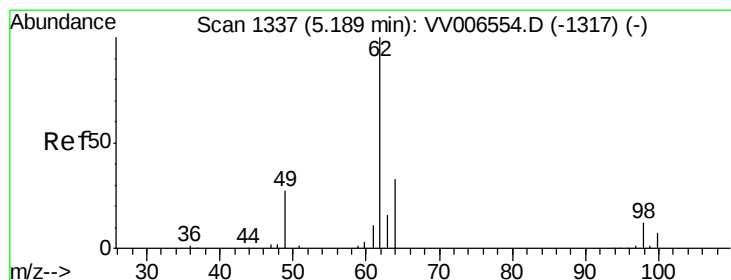
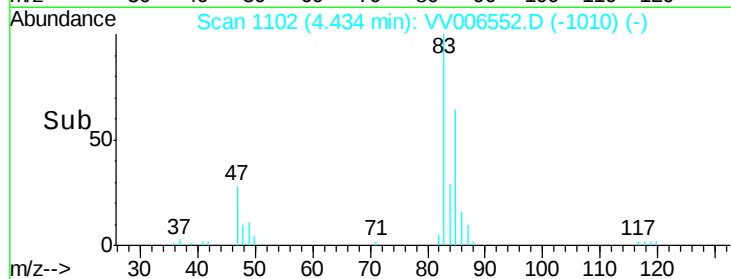
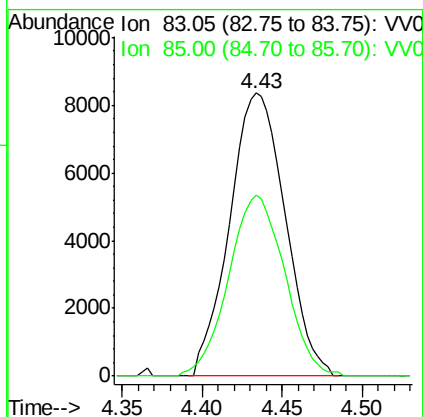
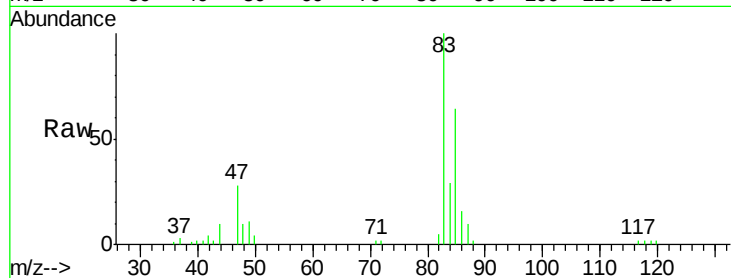




#25
Chloroform
Concen: 0.496 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

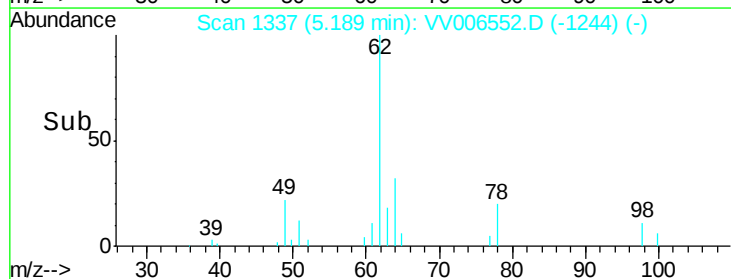
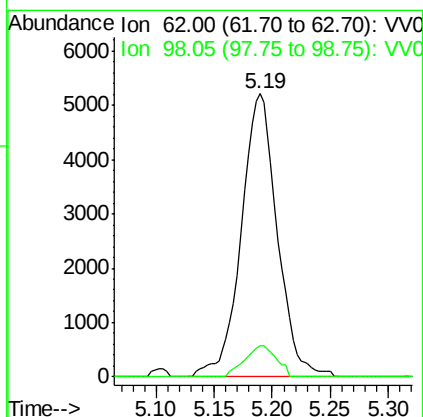
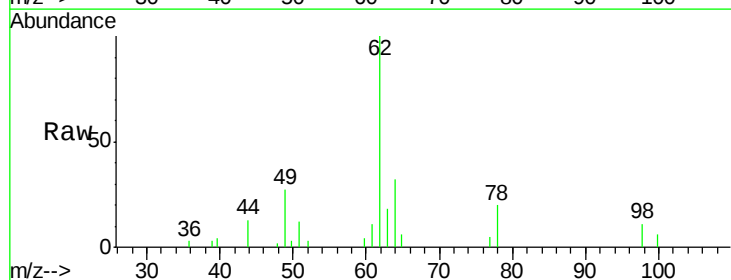
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.561

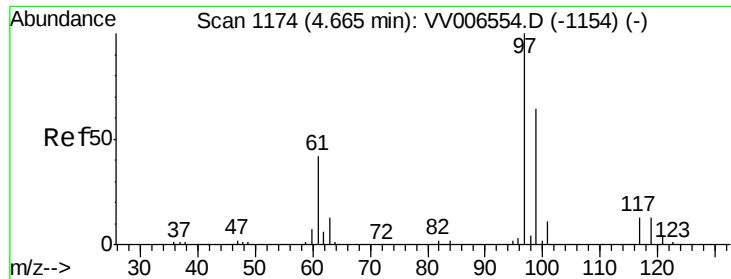
Tgt Ion: 83 Resp: 19881
Ion Ratio Lower Upper
83 100
85 64.1 44.8 83.2



#27
1,2-Dichloroethane
Concen: 0.502 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion: 62 Resp: 11301
Ion Ratio Lower Upper
62 100
98 11.0 9.5 14.3

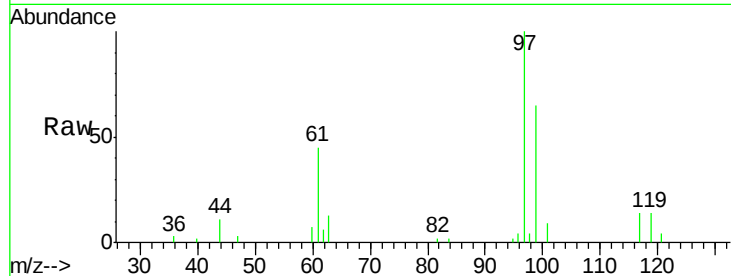




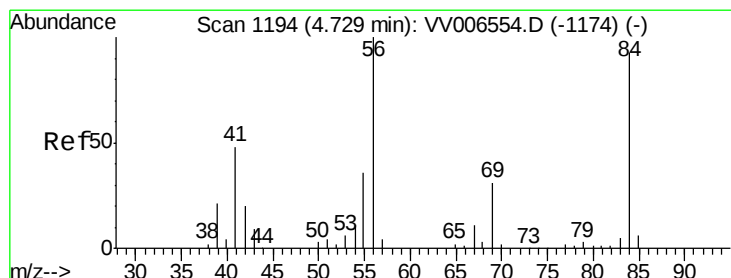
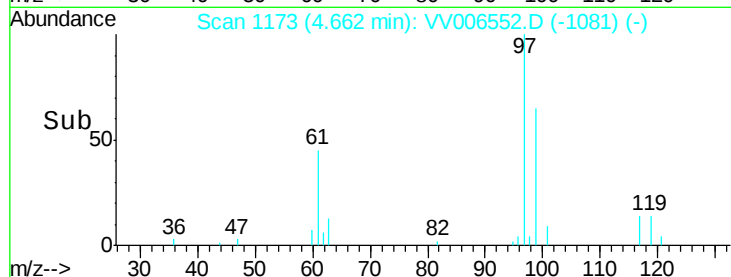
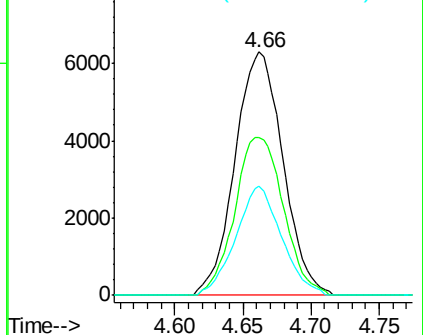
#29
 1,1,1-Trichloroethane
 Concen: 0.462 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Tgt Ion: 97 Resp: 15386
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.2 76.8
 61 42.8 33.7 50.5

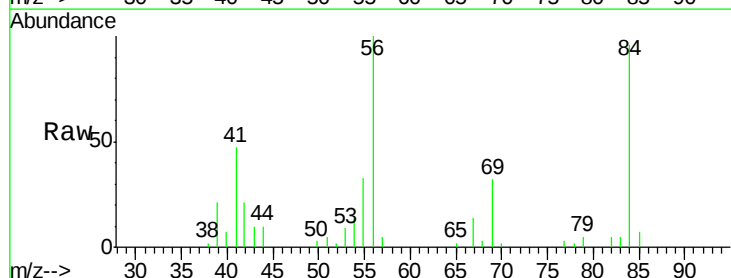


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

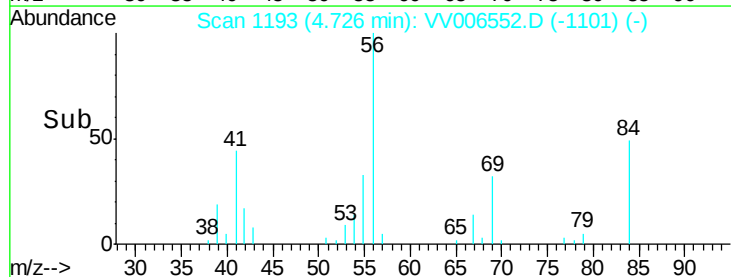
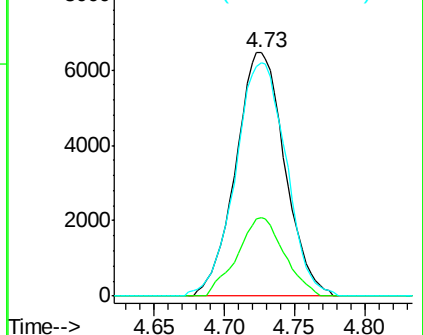


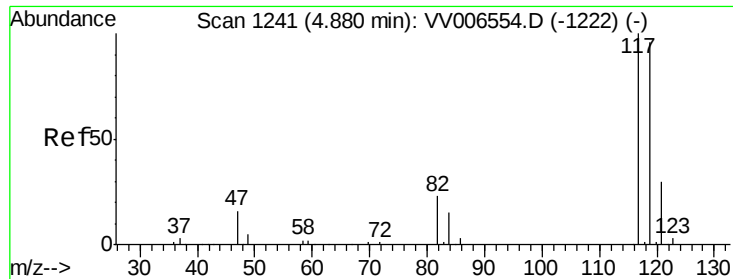
#30
 Cyclohexane
 Concen: 0.463 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion: 56 Resp: 15708
 Ion Ratio Lower Upper
 56 100
 69 30.8 25.5 38.3
 84 99.0 74.7 112.1



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 0.447 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

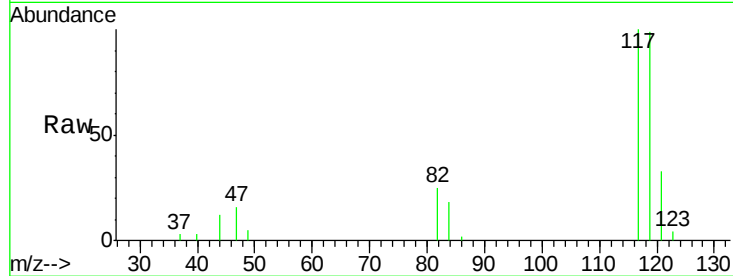
VSTD0.561

Tgt Ion:117 Resp: 12532

Ion Ratio Lower Upper

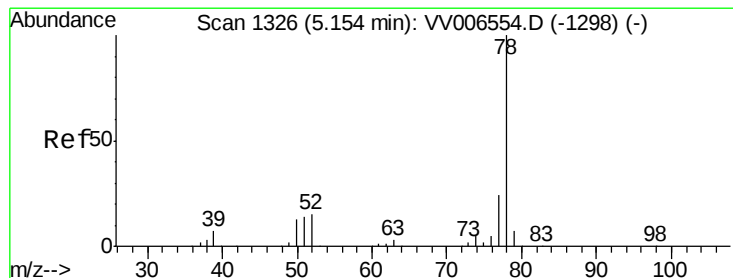
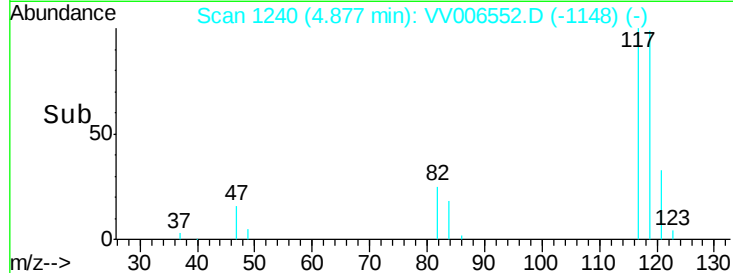
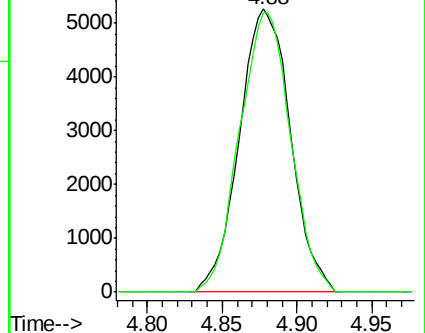
117 100

119 98.1 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.477 ug/L

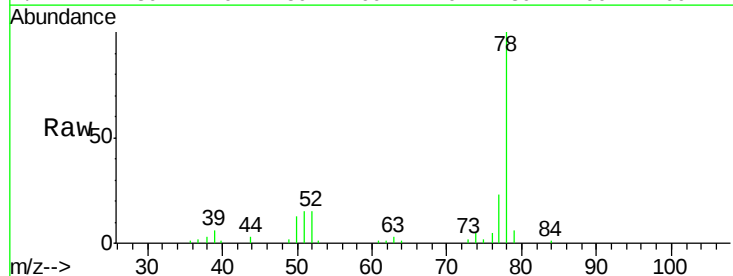
RT: 5.15 min Scan# 1326

Delta R.T. -0.00 min

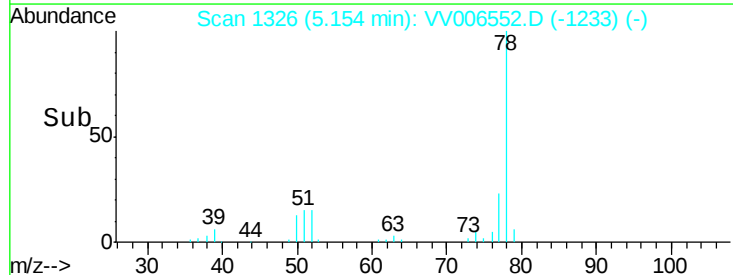
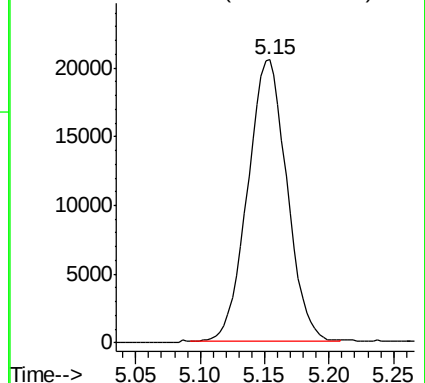
Lab File: VV006552.D

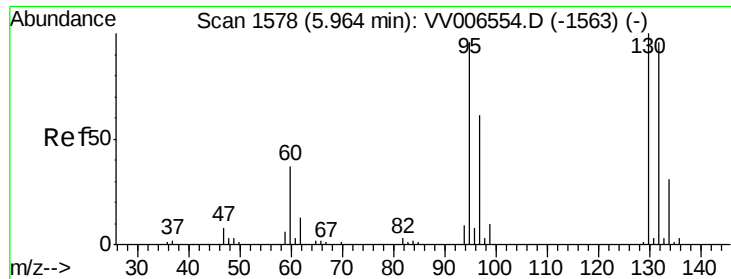
Acq: 07 Jul 2018 08:46

Tgt Ion: 78 Resp: 43495



Abundance Ion 78.10 (77.80 to 78.80): VV0

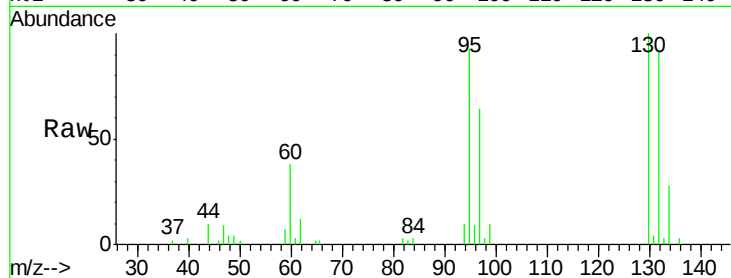




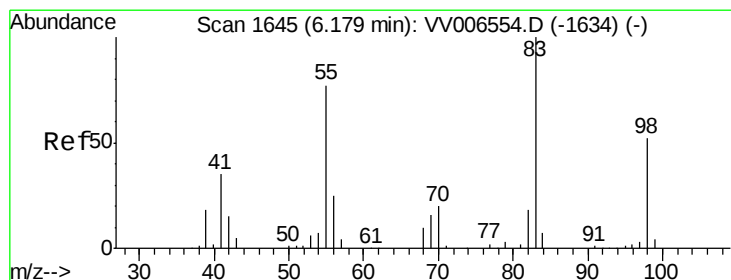
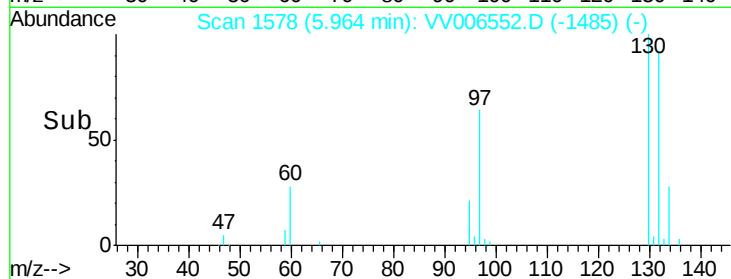
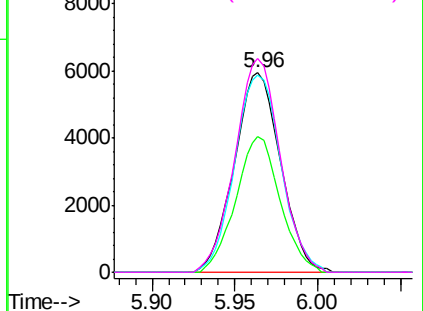
#34
 Trichloroethene
 Concen: 0.449 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Tgt Ion: 95 Resp: 11532
 Ion Ratio Lower Upper
 95 100
 97 68.3 44.3 82.3
 132 98.6 70.0 130.0
 130 107.2 72.7 134.9

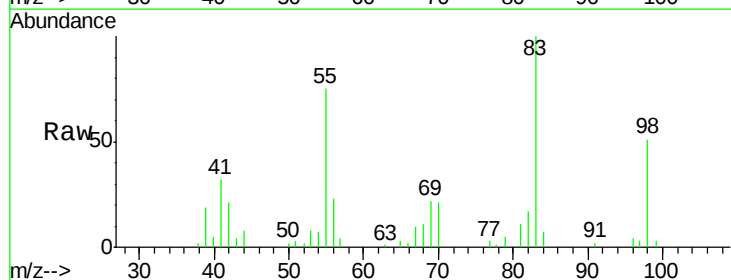


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

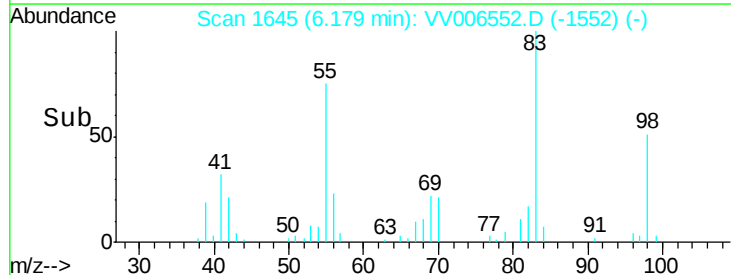
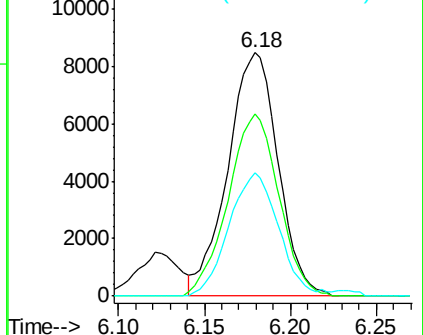


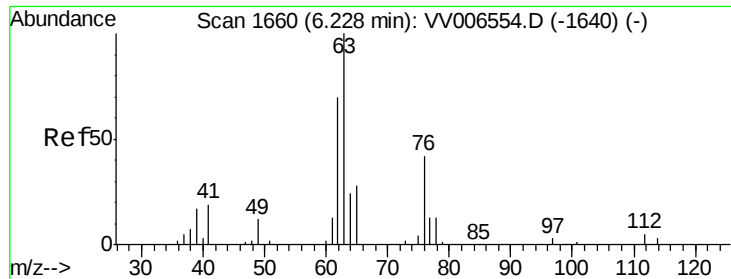
#35
 Methylcyclohexane
 Concen: 0.453 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion: 83 Resp: 17280
 Ion Ratio Lower Upper
 83 100
 55 75.4 58.3 87.5
 98 49.8 39.3 58.9



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

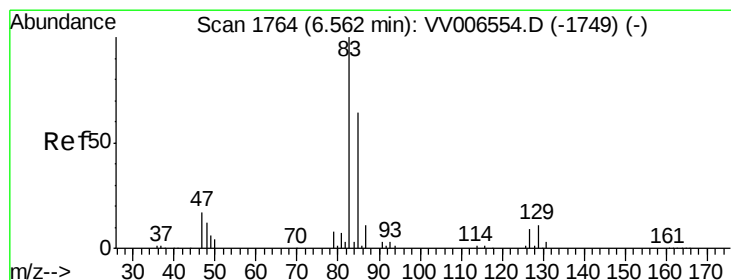
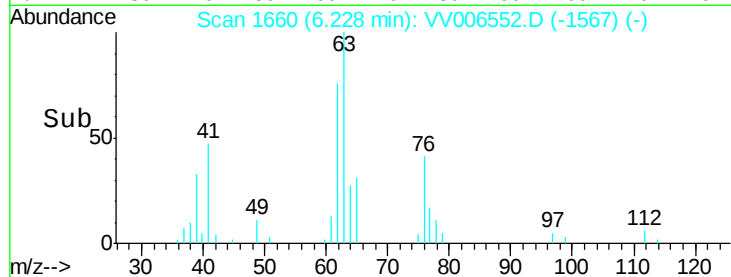
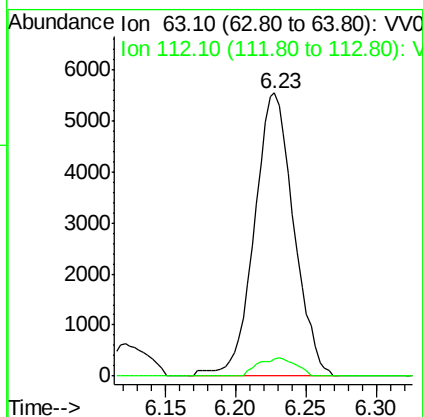
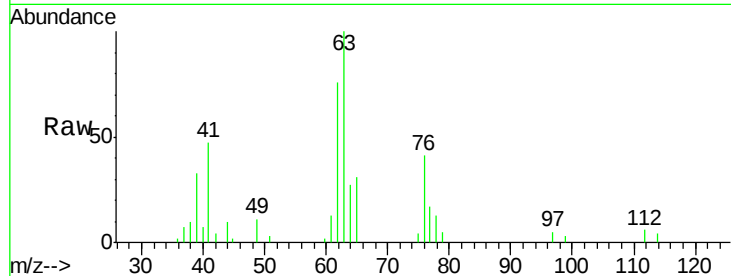




#37
 1,2-Dichloropropane
 Concen: 0.485 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

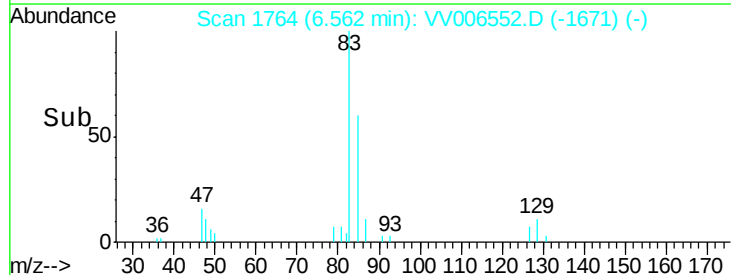
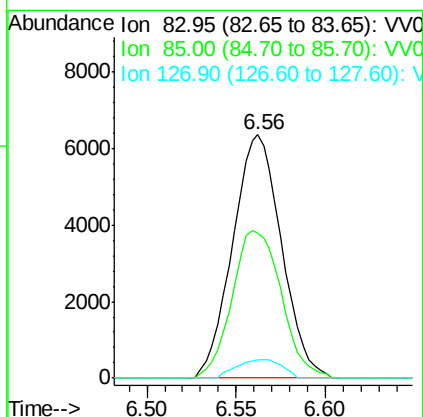
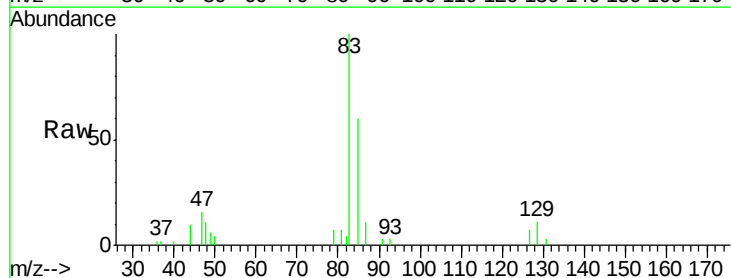
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

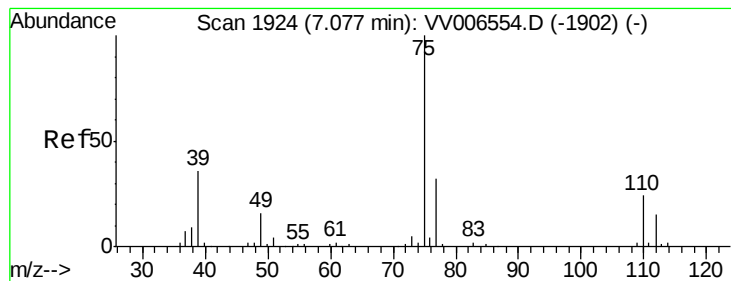
Tgt Ion: 63 Resp: 10790
 Ion Ratio Lower Upper
 63 100
 112 6.1 3.8 5.6#



#38
 Bromodichloromethane
 Concen: 0.476 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion: 83 Resp: 12146
 Ion Ratio Lower Upper
 83 100
 85 59.8 45.1 83.7
 127 7.4 6.9 10.3



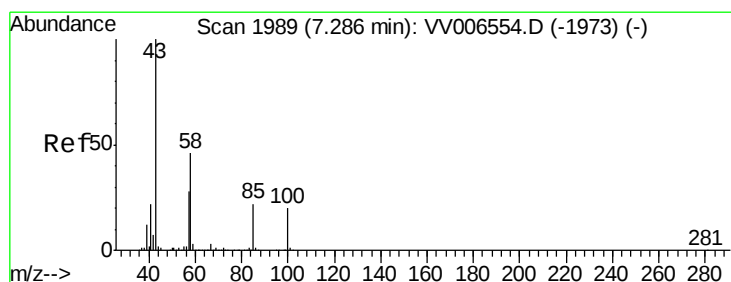
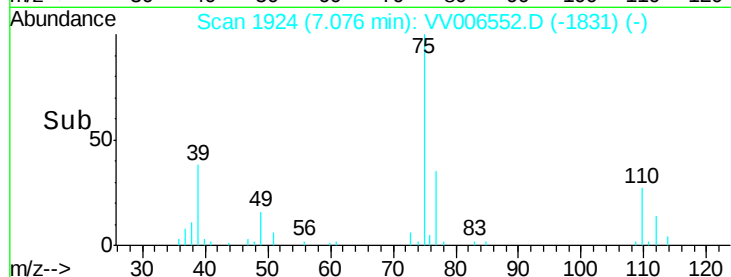
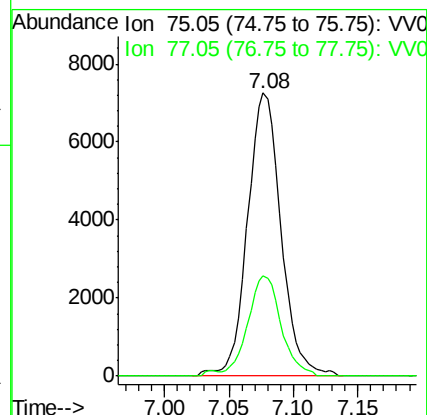
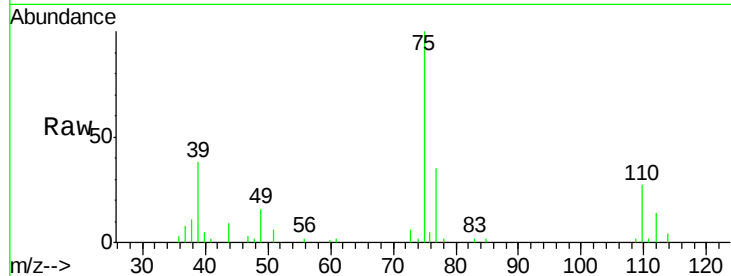


#39

cis-1,3-Dichloropropene
 Concen: 0.428 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

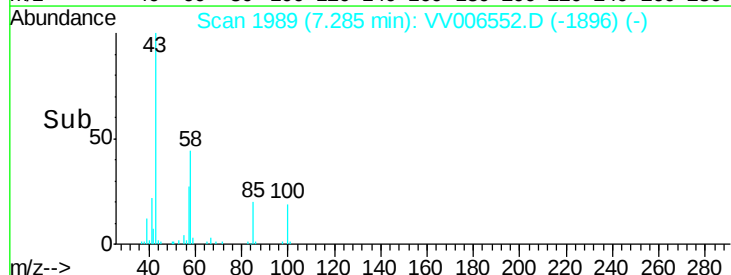
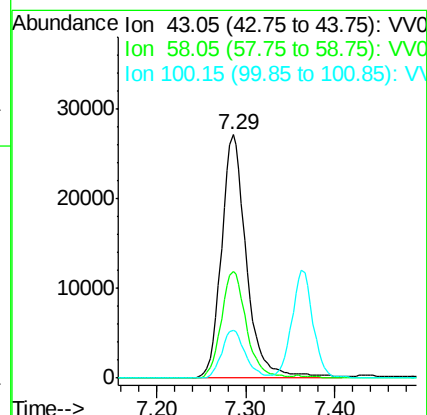
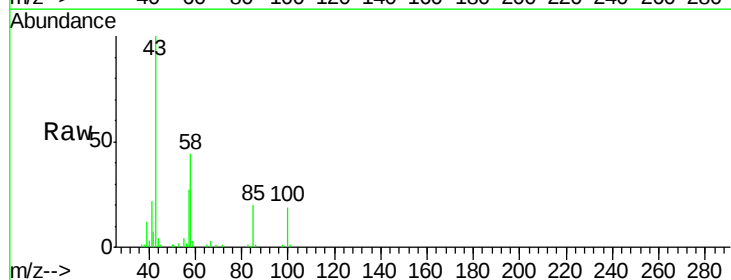
Tgt Ion: 75 Resp: 13170
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.0 41.0

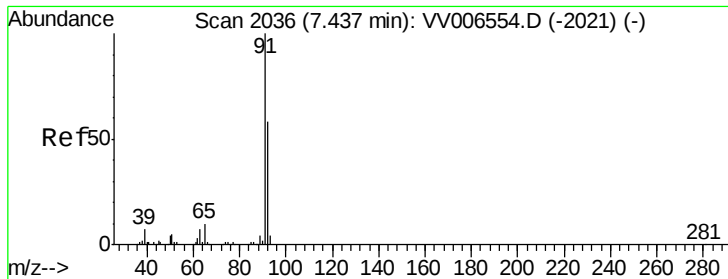


#40

4-Methyl-2-pentanone
 Concen: 4.832 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion: 43 Resp: 52792
 Ion Ratio Lower Upper
 43 100
 58 43.5 35.8 53.6
 100 18.6 15.4 23.0





#42

Toluene

Concen: 0.466 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

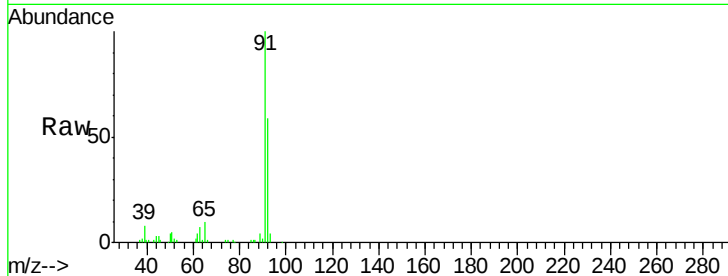
VSTD0.561

Tgt Ion: 91 Resp: 44912

Ion Ratio Lower Upper

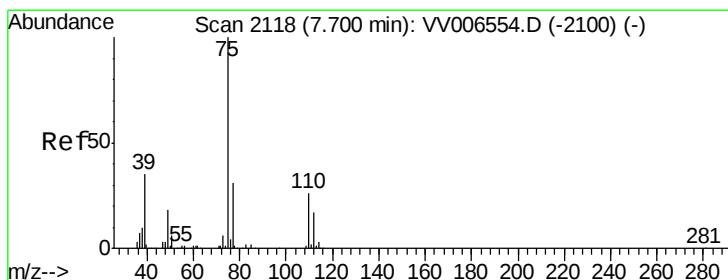
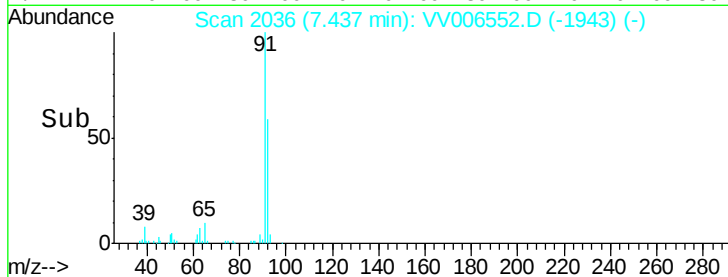
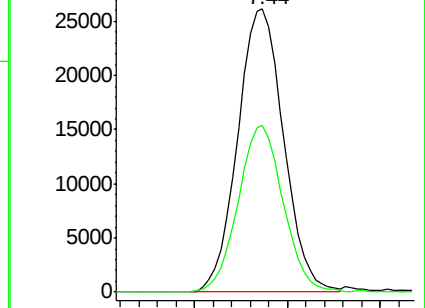
91 100

92 59.0 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV006552.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV006552.D (-1943) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.410 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV006552.D

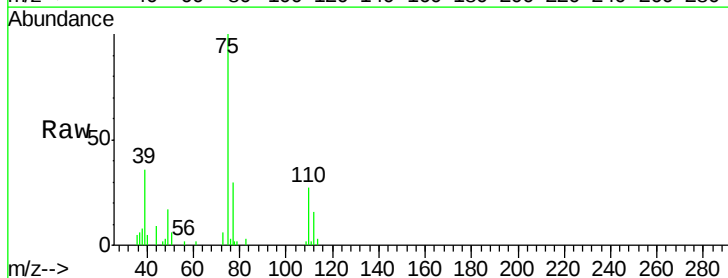
Acq: 07 Jul 2018 08:46

Tgt Ion: 75 Resp: 9856

Ion Ratio Lower Upper

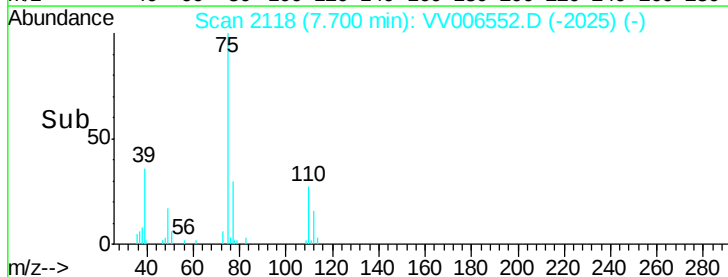
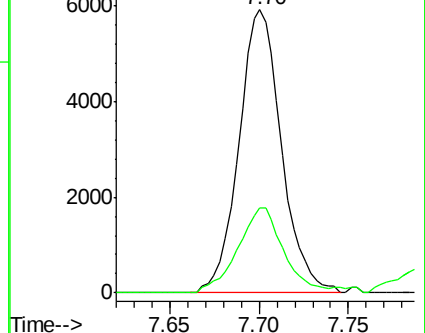
75 100

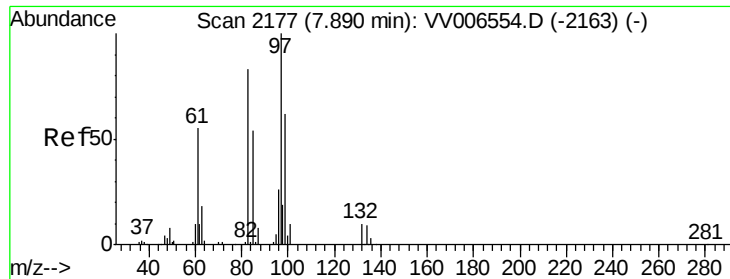
77 30.0 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV006552.D (-2025) (-)

Ion 77.05 (76.75 to 77.75): VV006552.D (-2025) (-)

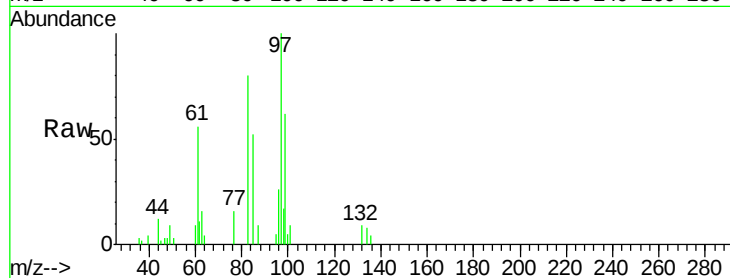




#45
 1,1,2-Trichloroethane
 Concen: 0.495 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Tgt Ion:	97	Resp:	7623
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.3
83	80.0	58.0	107.8
85	52.1	37.8	70.2

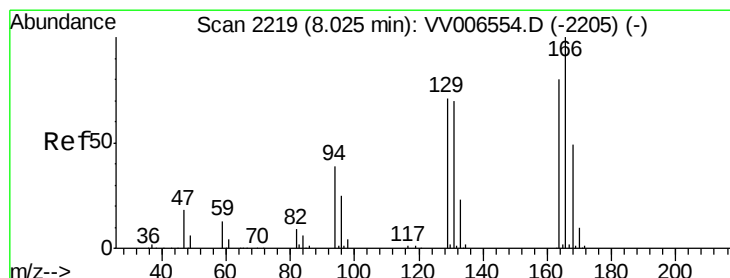
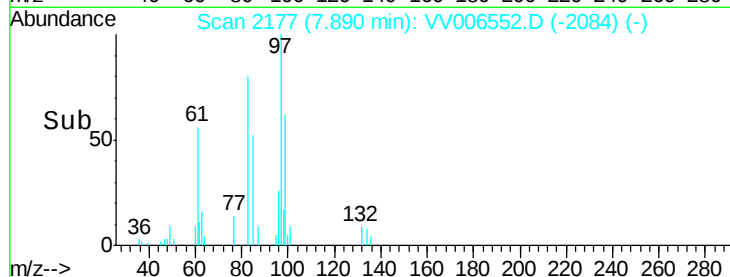
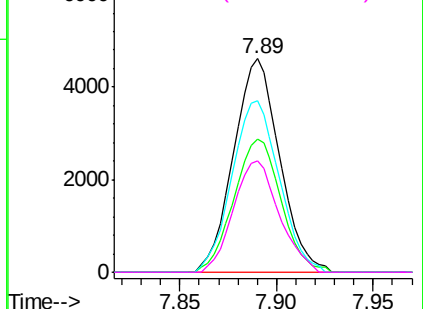


Abundance Ion 96.95 (96.65 to 97.65): VV006552.D (-2084) (-)

Ion 99.05 (98.75 to 99.75): VV006552.D (-2084) (-)

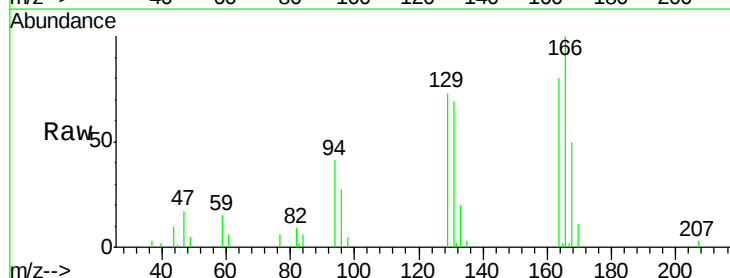
Ion 82.95 (82.65 to 83.65): VV006552.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV006552.D (-2084) (-)



#47
 Tetrachloroethene
 Concen: 0.469 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion:	164	Resp:	9244
Ion	Ratio	Lower	Upper
164	100		
129	91.3	62.1	115.3
131	86.0	60.8	113.0
166	124.8	87.1	161.7

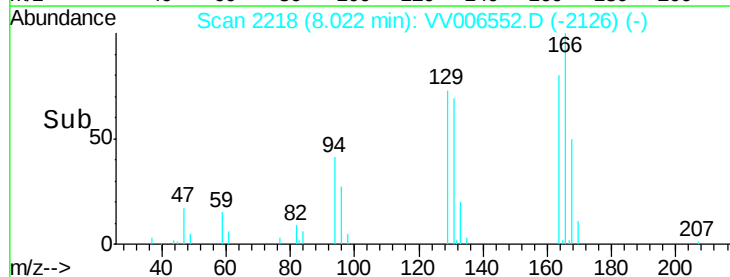
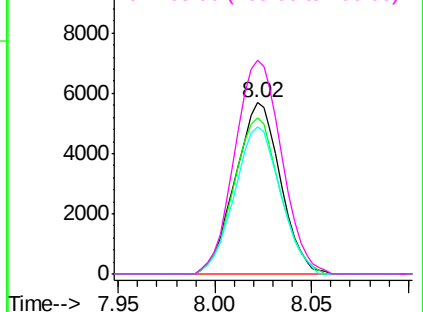


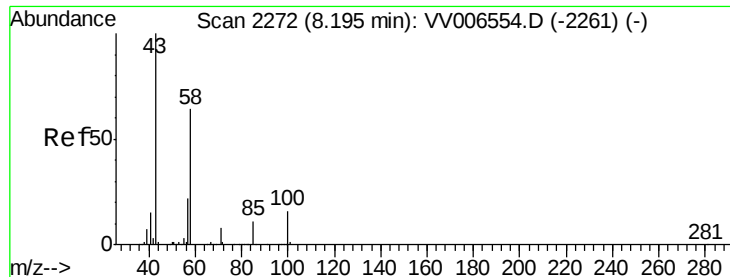
Abundance Ion 163.90 (163.60 to 164.60): VV006552.D (-2126) (-)

Ion 128.95 (128.65 to 129.65): VV006552.D (-2126) (-)

Ion 130.95 (130.65 to 131.65): VV006552.D (-2126) (-)

Ion 165.90 (165.60 to 166.60): VV006552.D (-2126) (-)

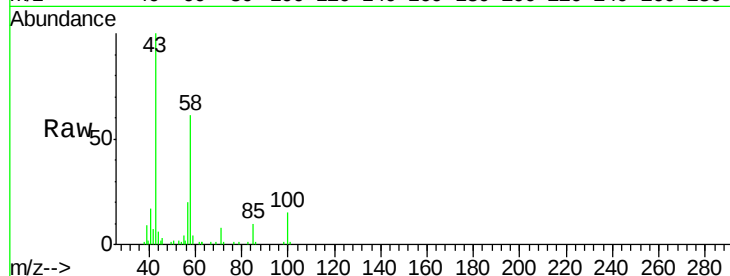




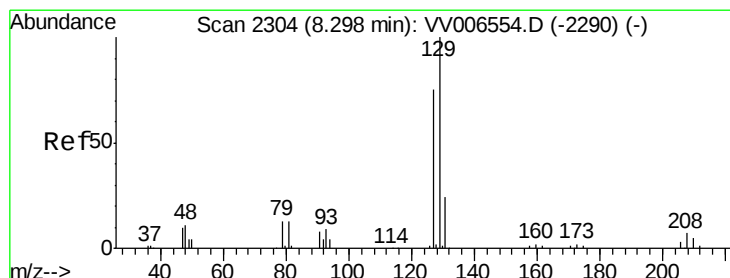
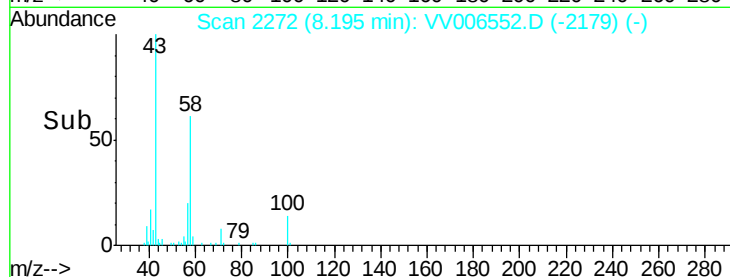
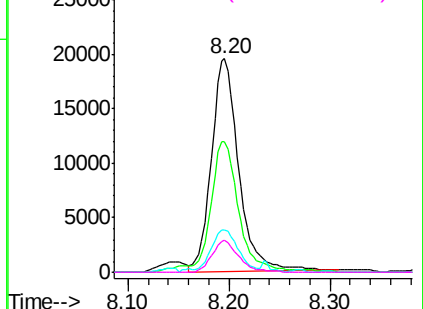
#48
2-Hexanone
Concen: 4.672 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.561

Tgt Ion: 43 Resp: 36681
Ion Ratio Lower Upper
43 100
58 63.9 50.3 75.5
57 19.7 17.0 25.4
100 14.3 12.3 18.5

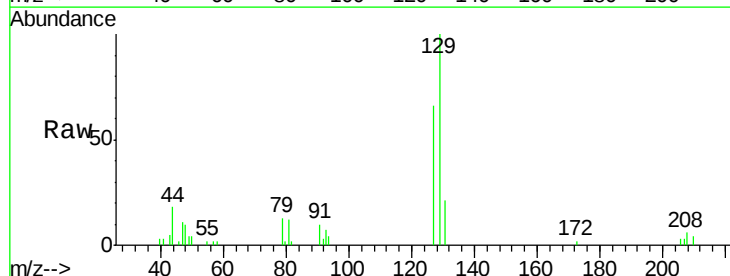


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

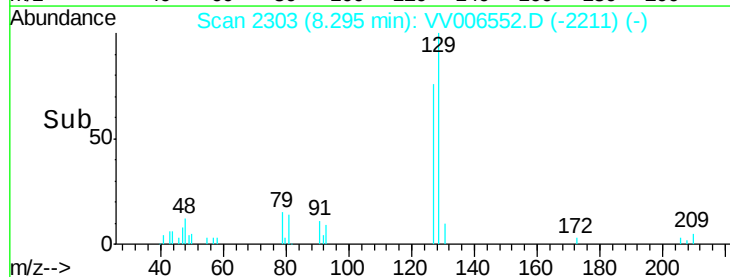
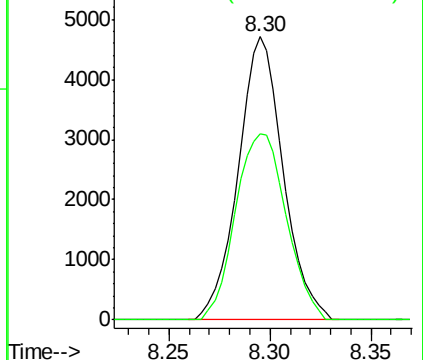


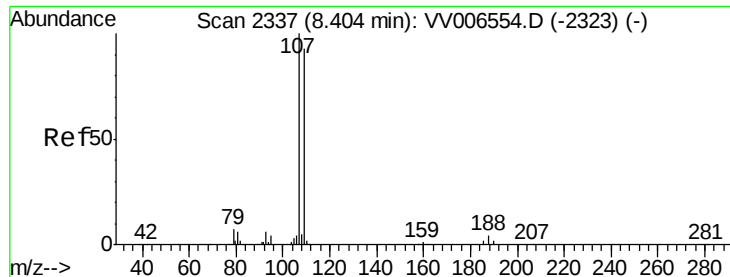
#49
Dibromochloromethane
Concen: 0.451 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion: 129 Resp: 7359
Ion Ratio Lower Upper
129 100
127 65.9 52.7 97.9



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

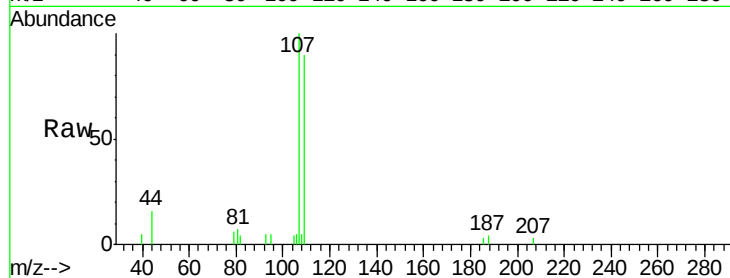




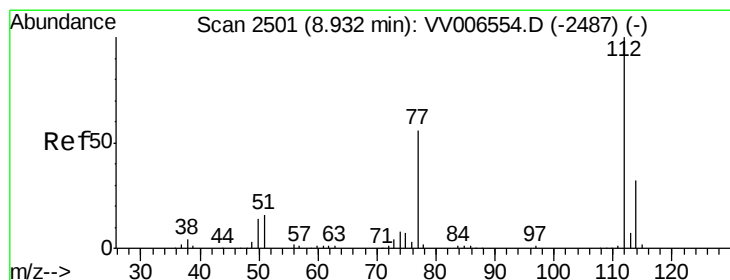
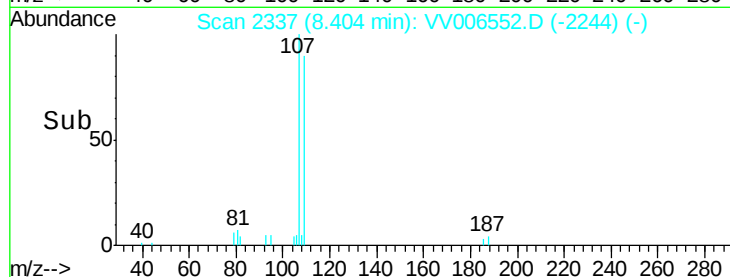
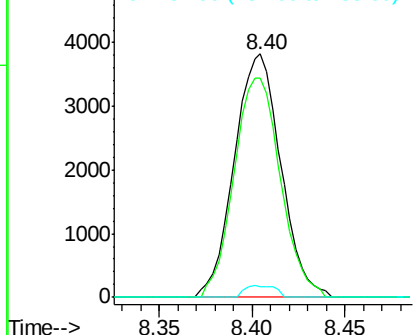
#50
1,2-Dibromoethane
Concen: 0.482 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.561

Tgt Ion:107 Resp: 6676
Ion Ratio Lower Upper
107 100
109 90.1 65.2 121.0
188 4.5 3.4 5.0

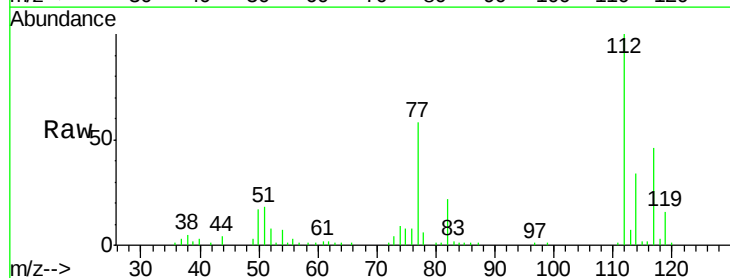


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

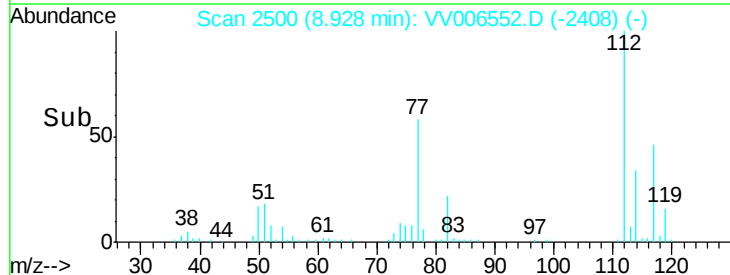
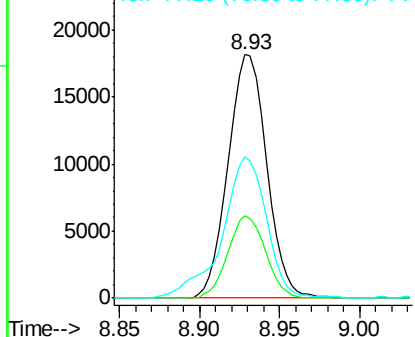


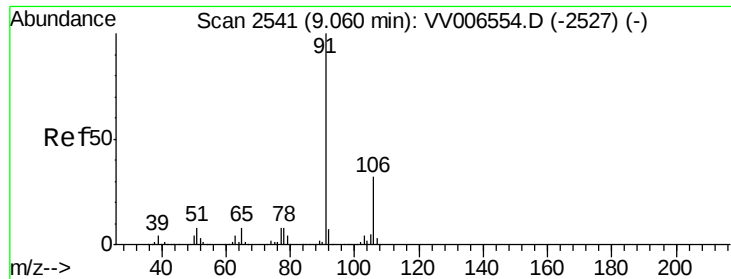
#51
Chlorobenzene
Concen: 0.471 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion:112 Resp: 29949
Ion Ratio Lower Upper
112 100
114 34.0 22.3 41.5
77 58.0 45.1 67.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 0.444 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

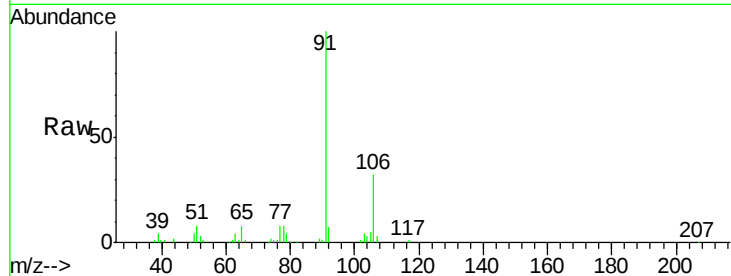
VSTD0.561

Tgt Ion: 91 Resp: 46194

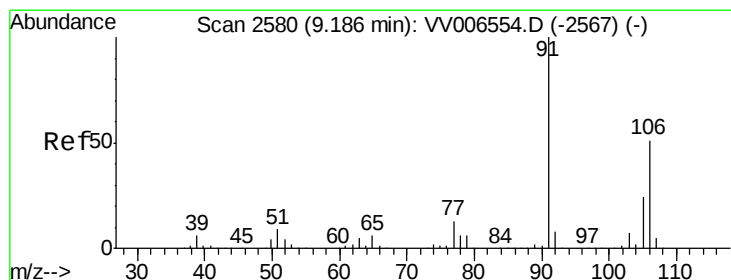
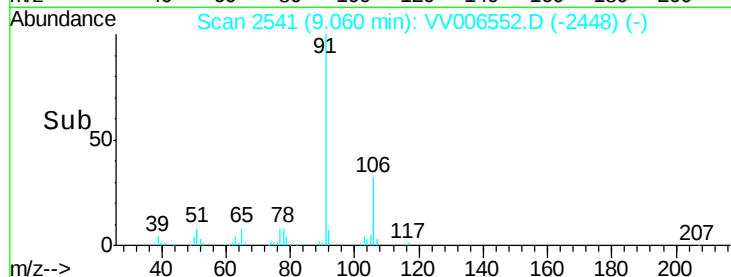
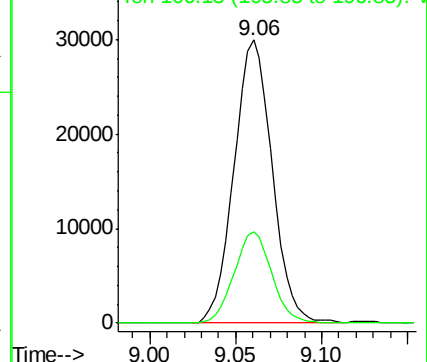
Ion Ratio Lower Upper

91 100

106 32.5 22.4 41.6



Abundance Ion 91.15 (90.85 to 91.85): VV006552.D (-2448) (-)



#53

m,p-xylene

Concen: 0.428 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006552.D

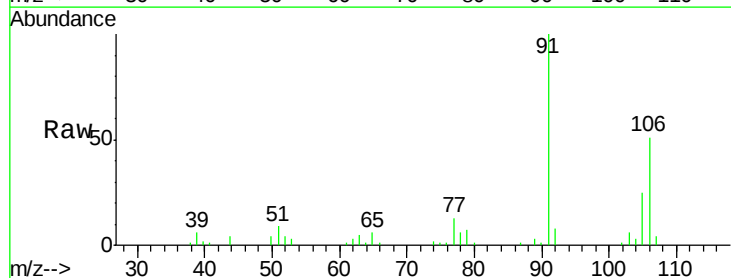
Acq: 07 Jul 2018 08:46

Tgt Ion: 106 Resp: 17193

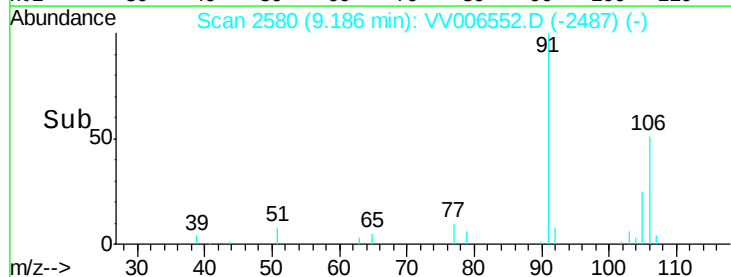
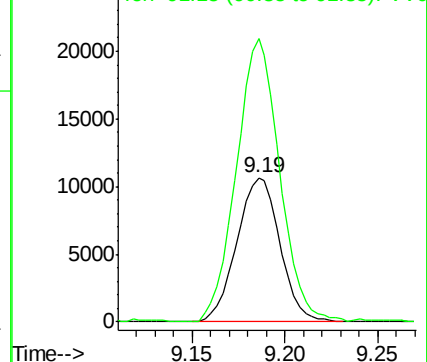
Ion Ratio Lower Upper

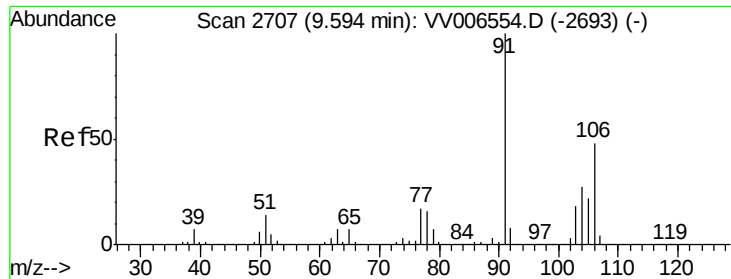
106 100

91 196.1 137.5 255.3



Abundance Ion 106.15 (105.85 to 106.85): VV006552.D (-2487) (-)

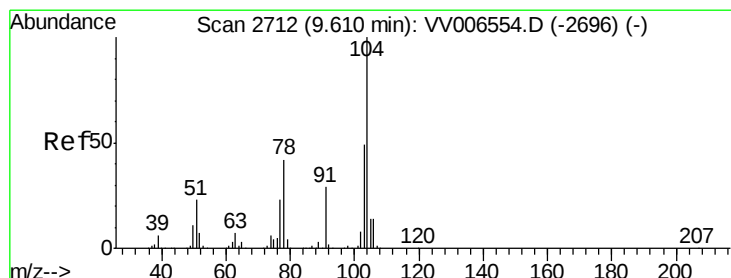
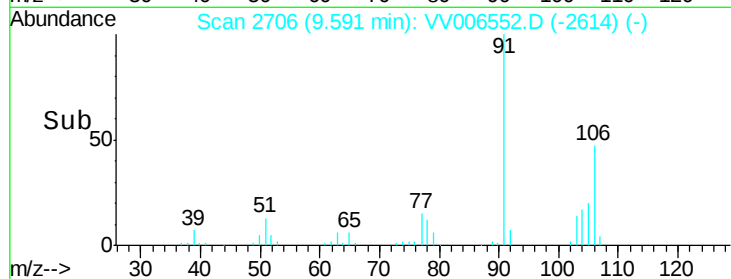
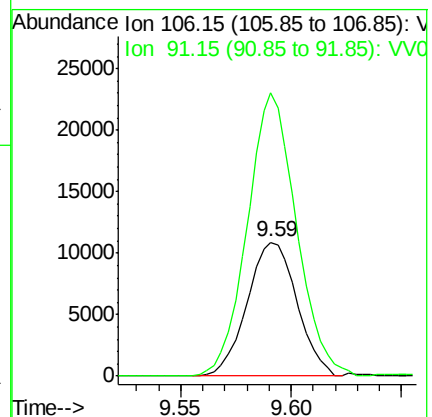
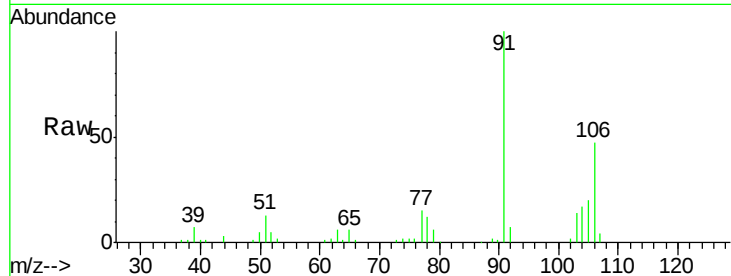




#54
o-xylene
Concen: 0.434 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

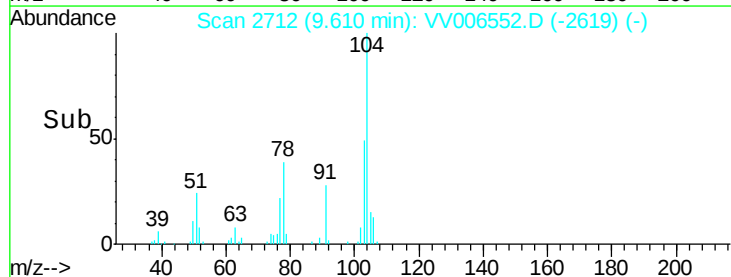
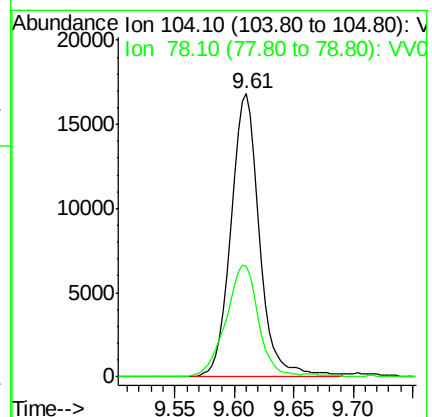
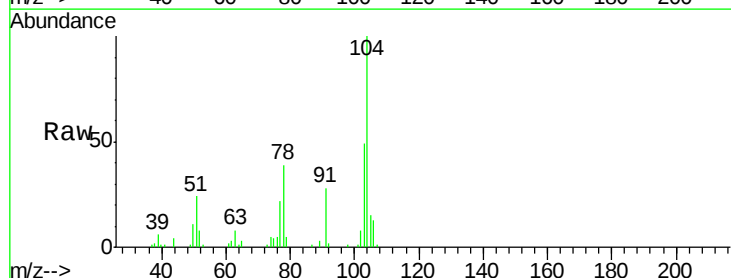
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.561

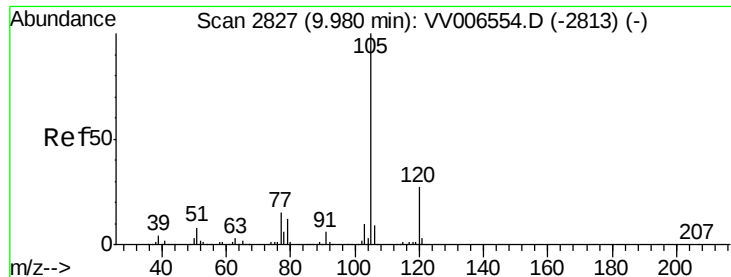
Tgt Ion:106 Resp: 17092
Ion Ratio Lower Upper
106 100
91 211.1 146.1 271.3



#55
Styrene
Concen: 0.433 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. -0.00 min
Lab File: VV006552.D
Acq: 07 Jul 2018 08:46

Tgt Ion:104 Resp: 27990
Ion Ratio Lower Upper
104 100
78 39.0 29.1 54.1





#56

Isopropylbenzene

Concen: 0.414 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.561

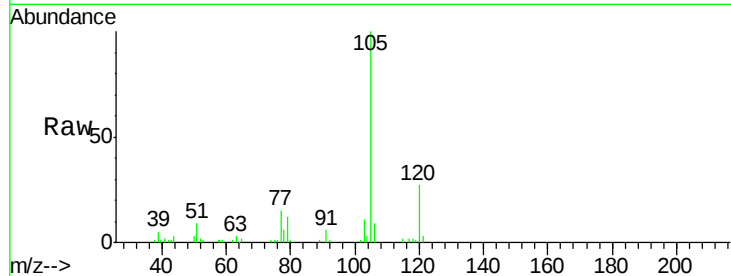
Tgt Ion: 105 Resp: 42433

Ion Ratio Lower Upper

105 100

120 26.2 21.5 32.3

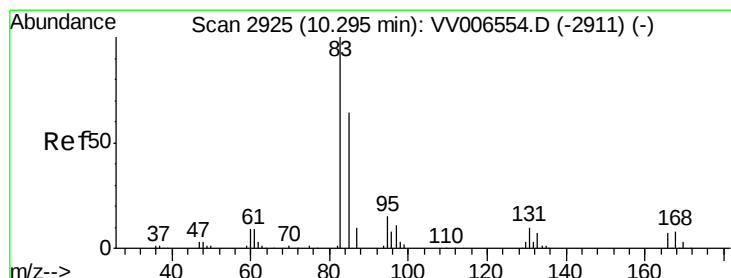
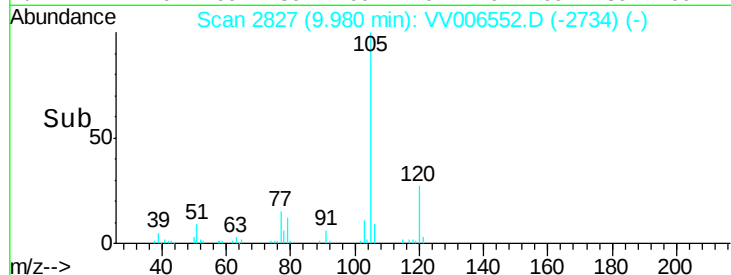
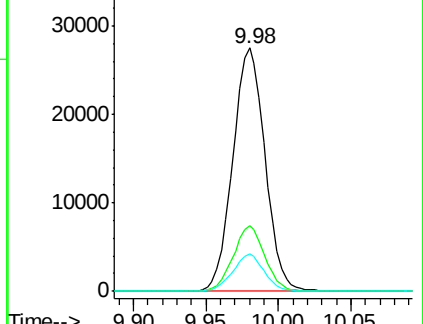
77 15.0 11.8 17.6



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: 0.576 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

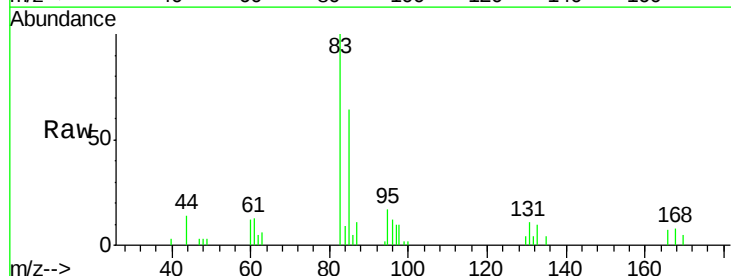
Tgt Ion: 83 Resp: 8751

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

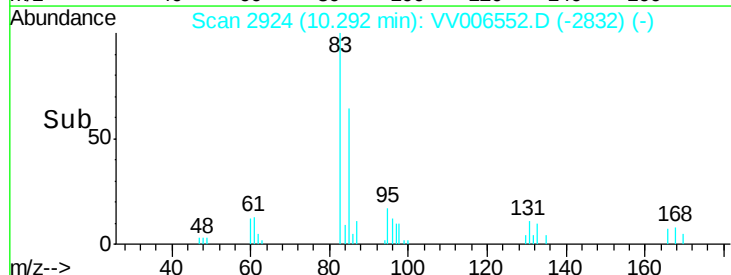
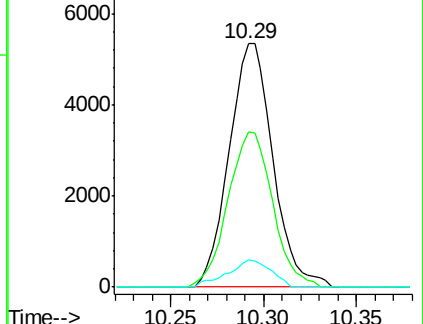
131 11.0 8.6 13.0

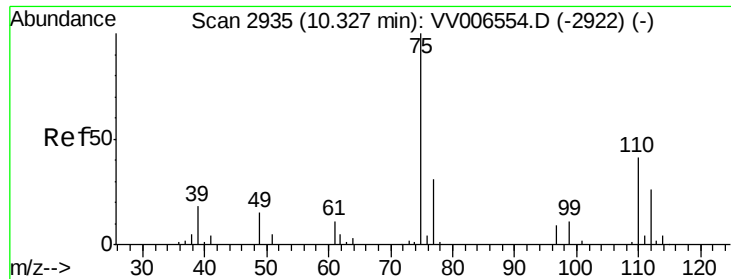


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

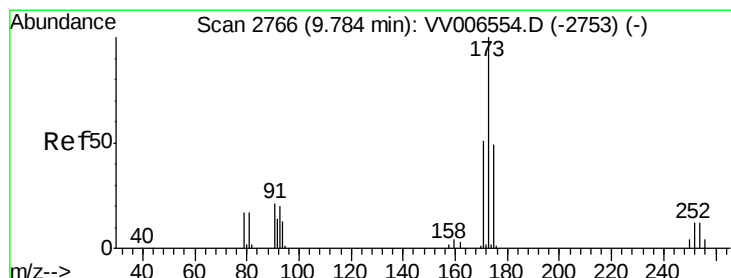
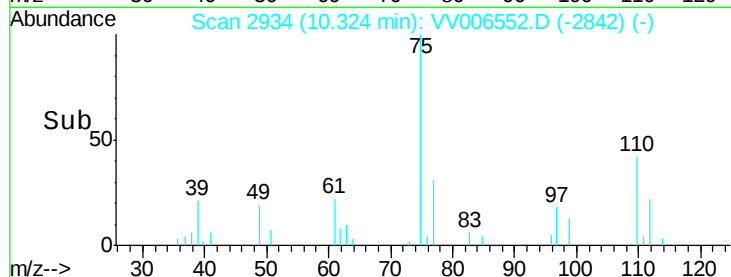
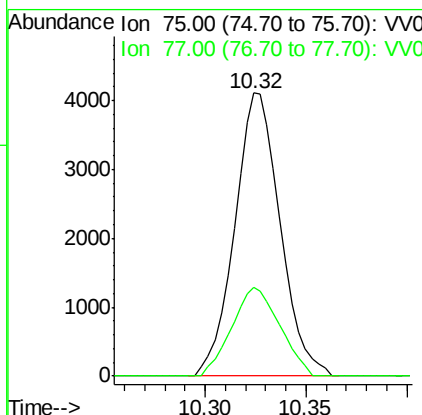
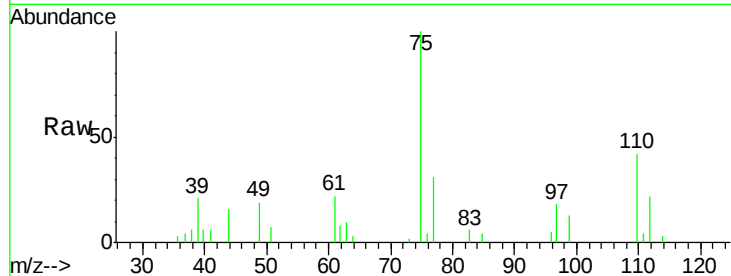




#59
 1,2,3-Trichloropropane
 Concen: 0.527 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

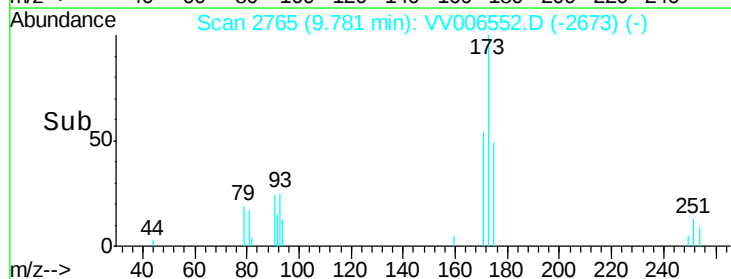
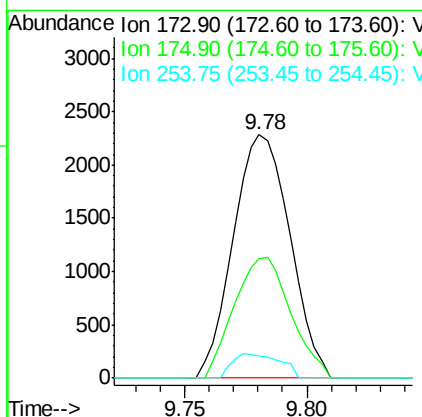
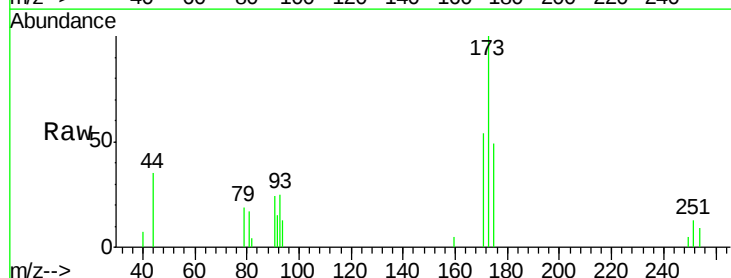
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

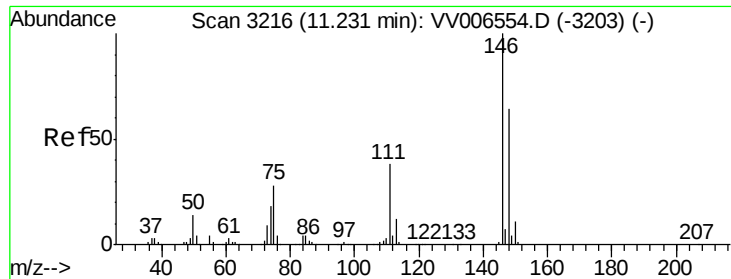
Tgt Ion: 75 Resp: 6473
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5



#61
 Bromoform
 Concen: 0.483 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion: 173 Resp: 3681
 Ion Ratio Lower Upper
 173 100
 175 49.4 39.0 58.4
 254 8.4 9.6 14.4#





#62

1,3-Dichlorobenzene

Concen: 0.471 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.561

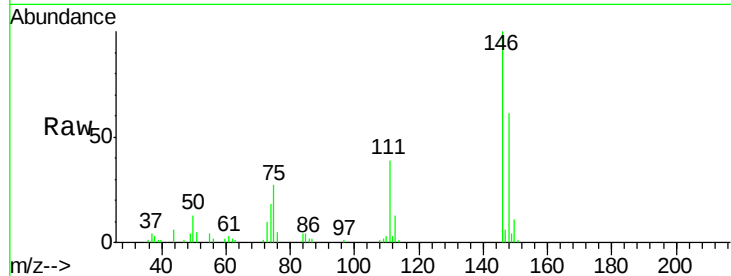
Tgt Ion:146 Resp: 20826

Ion Ratio Lower Upper

146 100

111 38.7 26.9 49.9

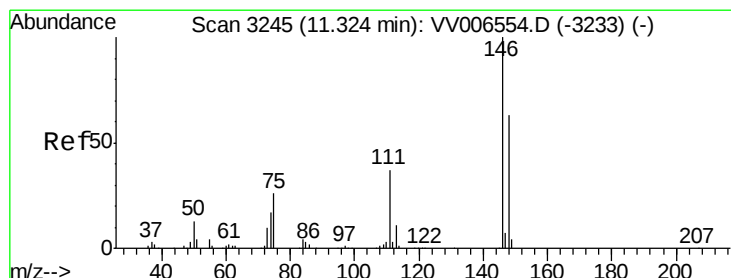
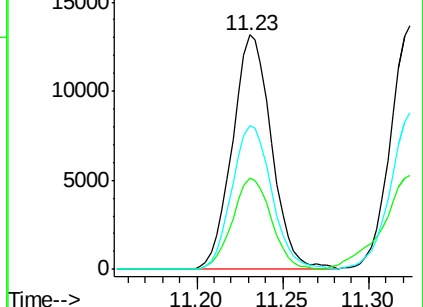
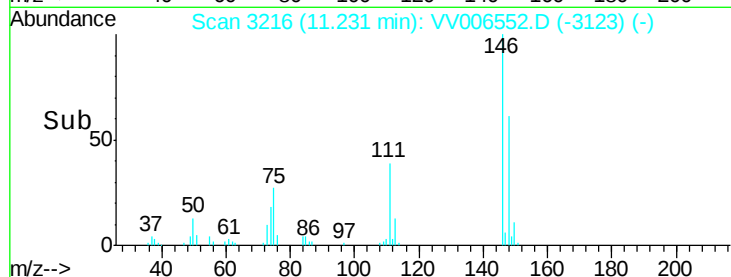
148 61.2 44.4 82.5



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



#63

1,4-Dichlorobenzene

Concen: 0.482 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

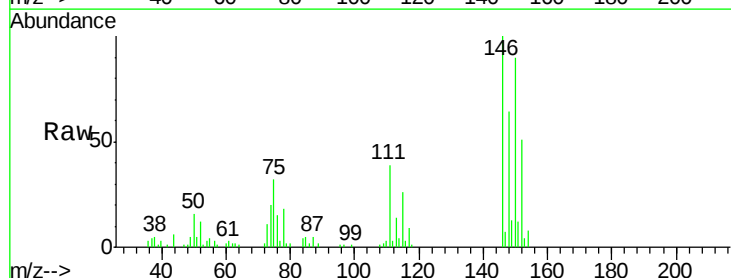
Tgt Ion:146 Resp: 21443

Ion Ratio Lower Upper

146 100

111 38.7 26.0 48.4

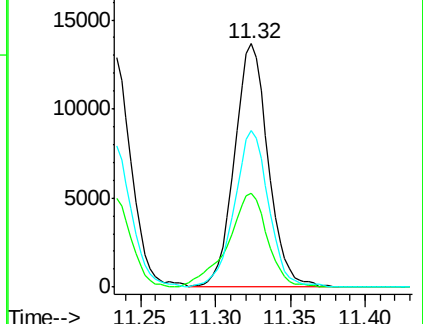
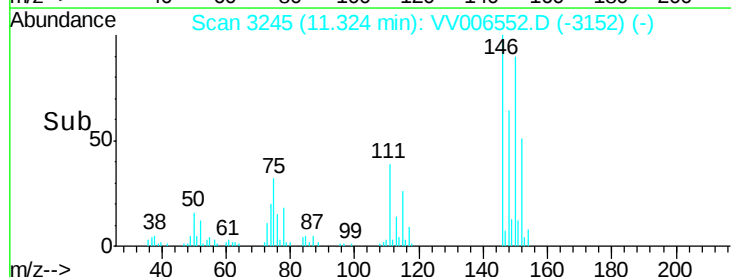
148 64.3 44.2 82.0

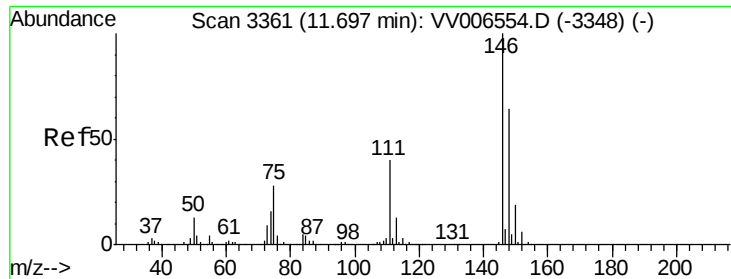


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

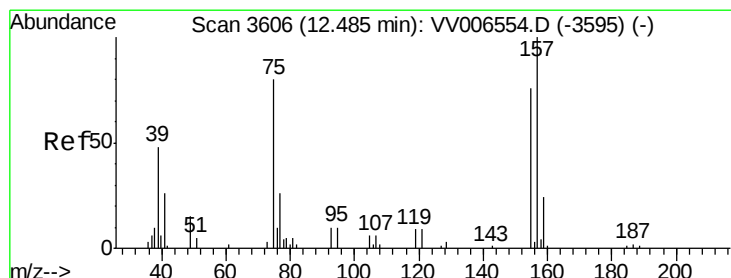
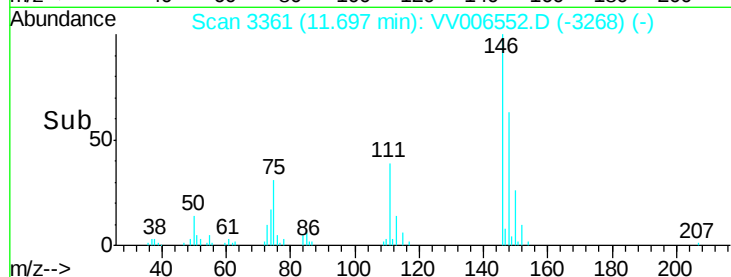
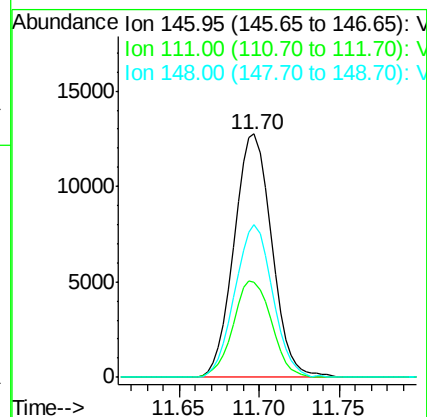
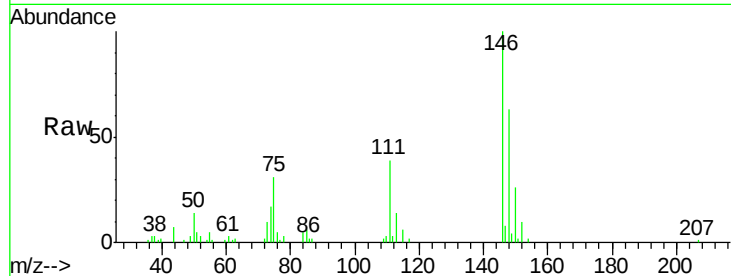




#65
 1,2-Dichlorobenzene
 Concen: 0.491 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

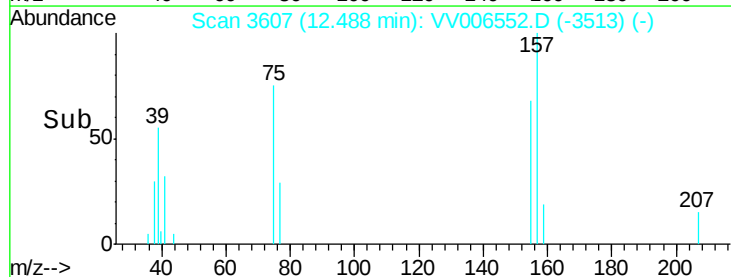
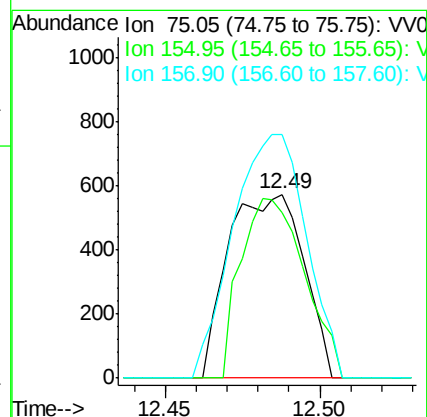
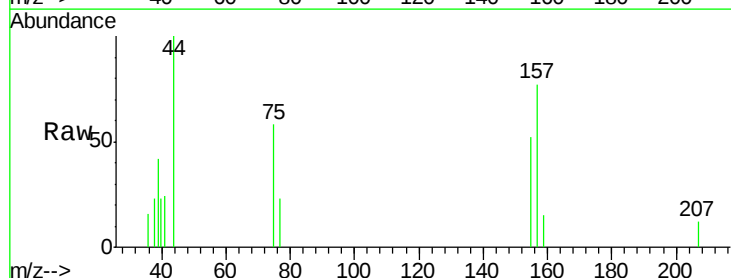
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

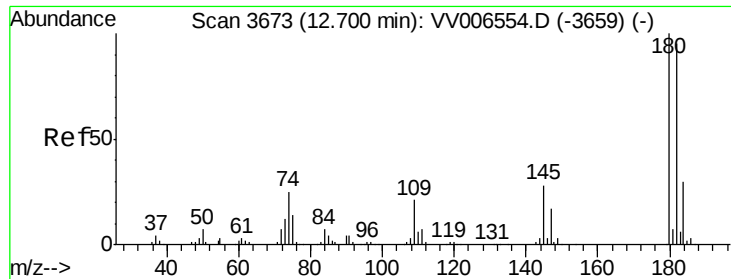
Tgt Ion:146 Resp: 20482
 Ion Ratio Lower Upper
 146 100
 111 39.0 32.4 48.6
 148 62.7 51.3 76.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.523 ug/L
 RT: 12.49 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion: 75 Resp: 971
 Ion Ratio Lower Upper
 75 100
 155 90.4 75.4 113.2
 157 132.7 99.6 149.4

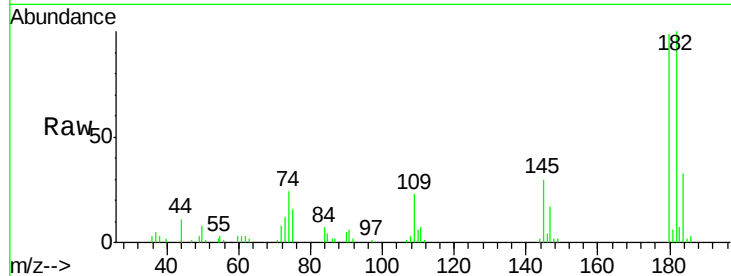




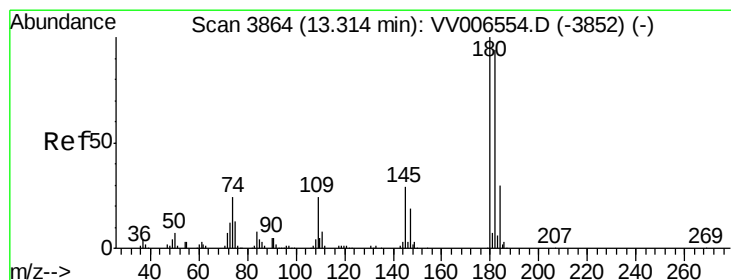
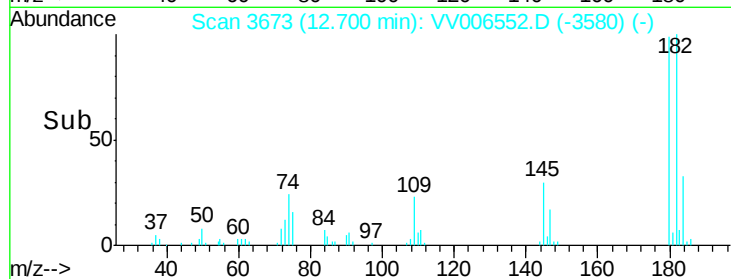
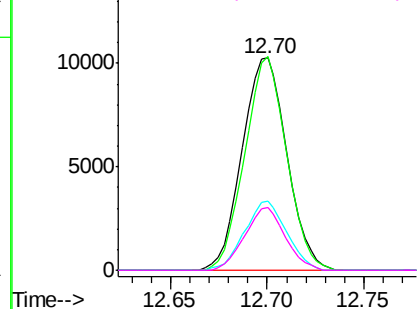
#67
 1,3,5-Trichlorobenzene
 Concen: 0.485 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Tgt Ion:	180	Resp:	16484
Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.1	114.1
184	30.8	24.1	36.1
145	26.9	22.3	33.5

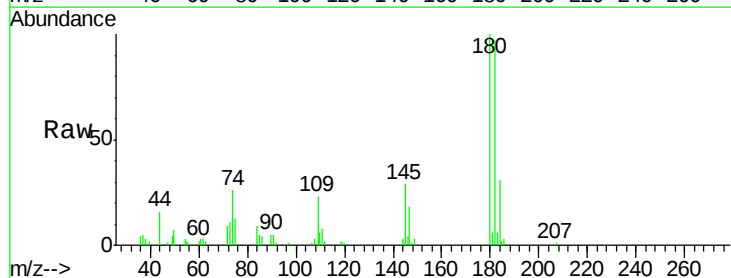


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

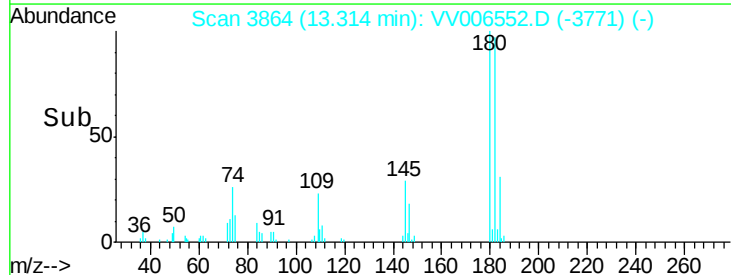
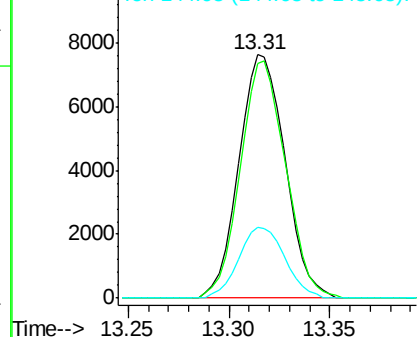


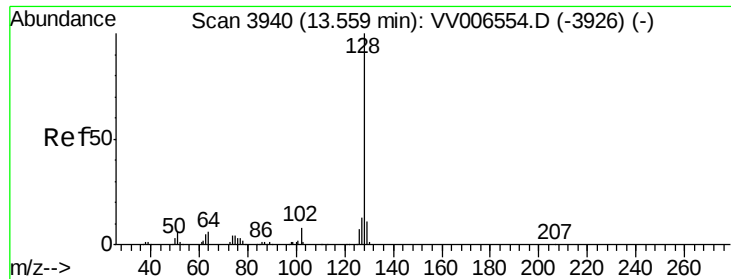
#68
 1,2,4-trichlorobenzene
 Concen: 0.489 ug/L
 RT: 13.31 min Scan# 3864
 Delta R.T. -0.00 min
 Lab File: VV006552.D
 Acq: 07 Jul 2018 08:46

Tgt Ion:	180	Resp:	12277
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.5	114.7
145	28.8	23.0	34.4



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: 0.498 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.561

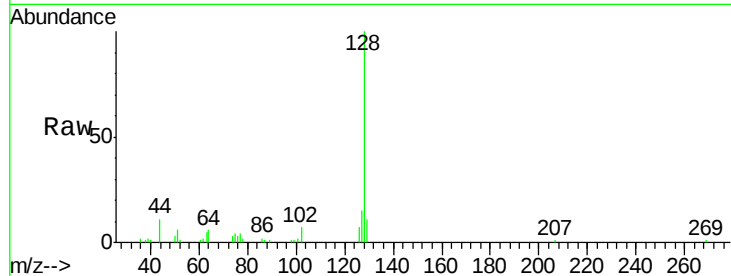
Tgt Ion:128 Resp: 18866

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

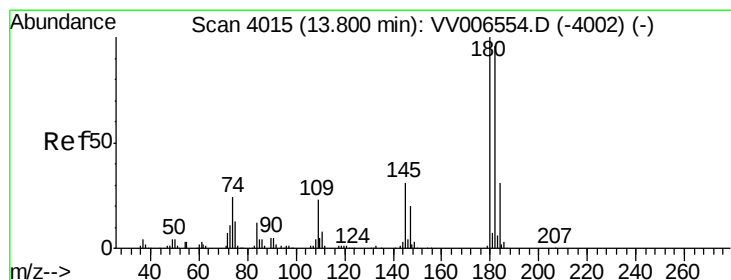
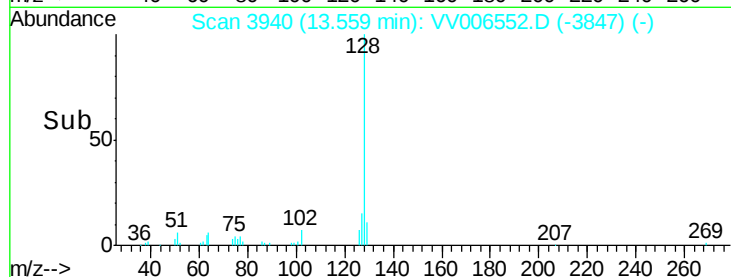
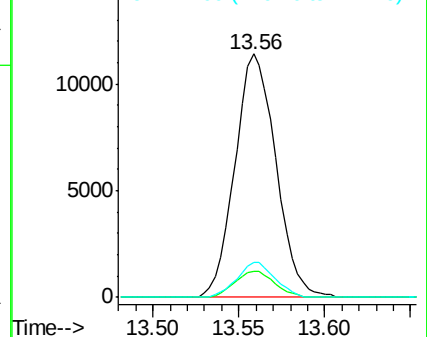
127 13.2 10.2 15.2



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: 0.481 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV006552.D

Acq: 07 Jul 2018 08:46

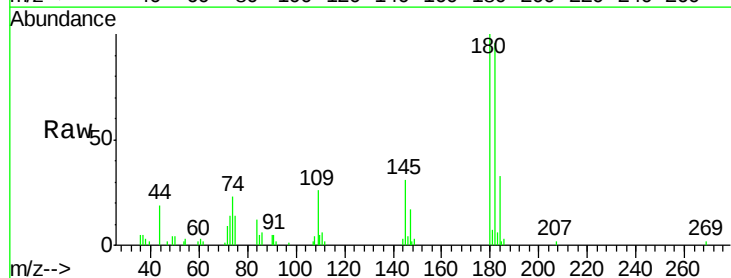
Tgt Ion:180 Resp: 11317

Ion Ratio Lower Upper

180 100

182 97.1 76.3 114.5

145 31.4 24.7 37.1



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

