

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007493.D
 Acq On : 13 Dec 2018 17:20
 Operator : SY/AP
 Sample : J6329-02RE
 Misc : 4.86G/6ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1RE

Quant Time: Dec 14 04:02:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	141380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	37096	40.74	ug/l	0.00
Spiked Amount			Recovery	=	81.48%	
35) Dibromofluoromethane	7.88	113	34622	40.45	ug/l	0.00
Spiked Amount			Recovery	=	80.90%	
50) Toluene-d8	10.32	98	161659	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	161532	136.91	ug/l	0.00
Spiked Amount			Recovery	=	273.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	563	9.002	ug/l #	74
14) Allyl chloride	4.90	41	3737	3.149	ug/l #	50
16) Acetone	4.12	43	8072	50.749	ug/l #	88
18) Methyl Acetate	4.90	43	7222	16.729	ug/l #	49
20) Methylene Chloride	4.91	84	2822	Below Cal		94
25) 2-Butanone	7.17	43	3987	19.200	ug/l #	72
30) Chloroform	7.63	83	6768	4.034	ug/l #	18
31) Cyclohexane	7.94	56	4380	3.096	ug/l #	75
36) 1,1-Dichloropropene	7.95	75	6348	4.922	ug/l #	50
37) Ethyl Acetate	7.17	43	3987	8.312	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9056	6.453	ug/l #	17
39) Methylcyclohexane	9.30	83	79358	50.815	ug/l #	3
43) Isopropyl Acetate	8.42	43	24843	26.218	ug/l #	50
47) Bromodichloromethane	9.62	83	142542	115.534	ug/l #	31
48) Methyl methacrylate	9.38	41	55154	113.337	ug/l #	39
51) 4-Methyl-2-Pentanone	10.26	43	83079	185.564	ug/l #	54
55) 1,1,2-Trichloroethane	10.77	97	401126	626.601	ug/l #	23
56) Ethyl methacrylate	10.67	69	125818	163.517	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	3251	9.162	ug/l #	43
59) 2-Hexanone	10.94	43	487849	1634.148	ug/l #	30
60) Dibromochloromethane	11.04	129	1930	2.389	ug/l	97
61) 1,2-Dibromoethane	11.21	107	4399	6.954	ug/l #	1
67) Ethyl Benzene	11.77	91	15839	4.303	ug/l #	49
73) Isopropylbenzene	12.47	105	136254	27.647	ug/l	100
74) N-amyl acetate	12.26	43	438415	489.481	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.69	83	59811	81.940	ug/l #	91
76) 1,2,3-Trichloropropane	12.80	75	1051	1.982	ug/l #	1
78) n-propylbenzene	12.81	91	89499	16.137	ug/l	91
79) 2-Chlorotoluene	13.13	91	10978	3.271	ug/l	72
80) 1,3,5-Trimethylbenzene	13.11	105	12930	3.122	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.46	75	1841	7.669	ug/l #	1
82) 4-Chlorotoluene	13.13	91	10978	3.103	ug/l	72
83) tert-Butylbenzene	13.21	119	23486	6.437	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.11	105	13142	3.084	ug/l	75

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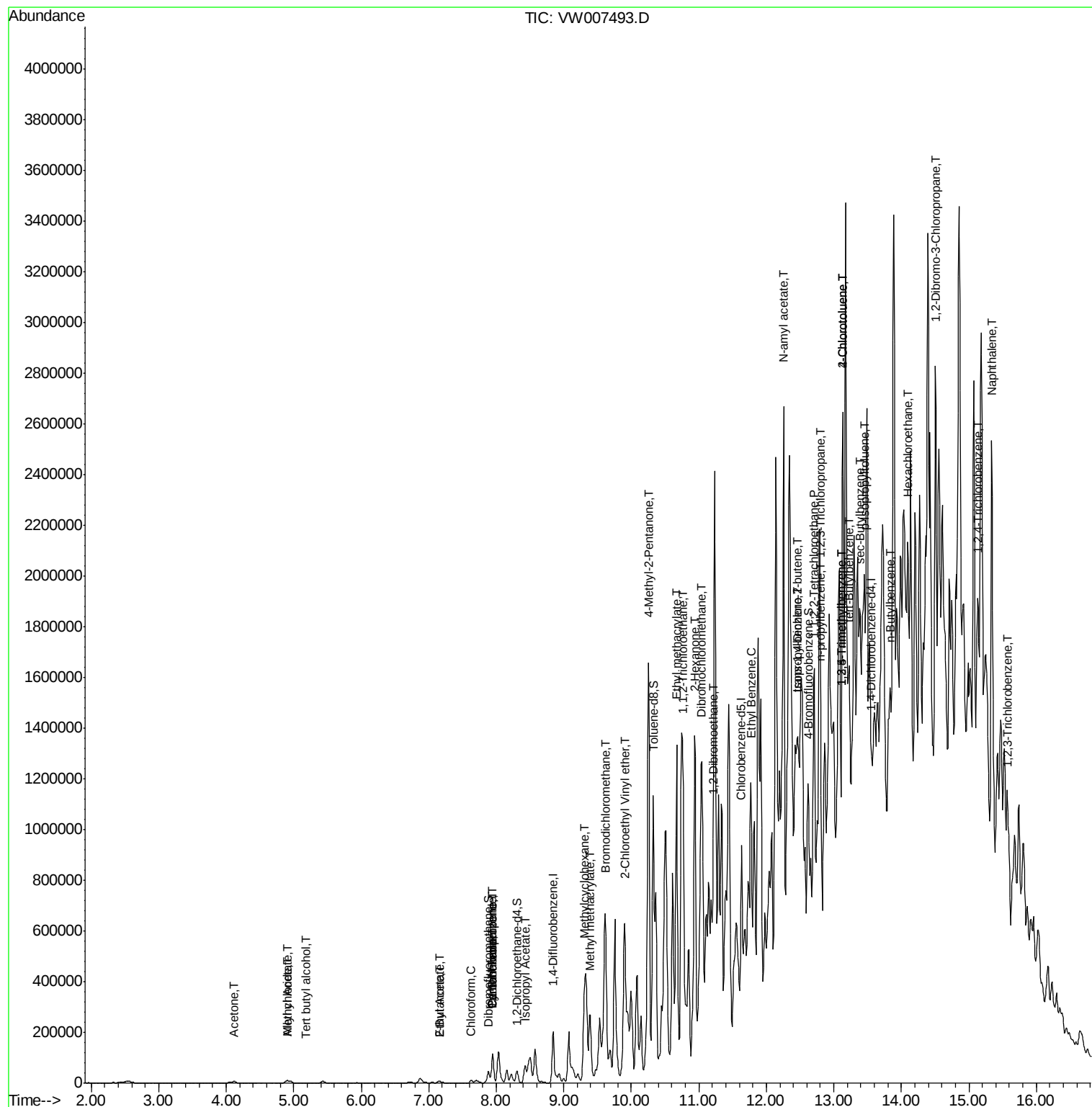
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	232229	46.623	ug/l #	54
86) p-Isopropyltoluene	13.45	119	21687	4.846	ug/l #	85
89) n-Butylbenzene	13.83	91	96879	23.354	ug/l #	63
90) Hexachloroethane	14.09	117	9862	12.386	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.50	75	5380	36.728	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.13	180	1870	1.393	ug/l #	1
95) Naphthalene	15.34	128	40858	15.909	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	2614	2.241	ug/l #	42

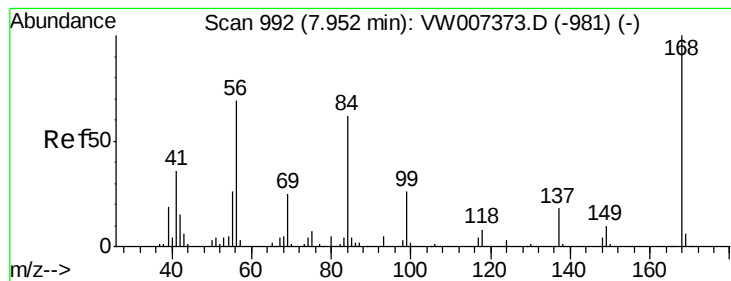
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

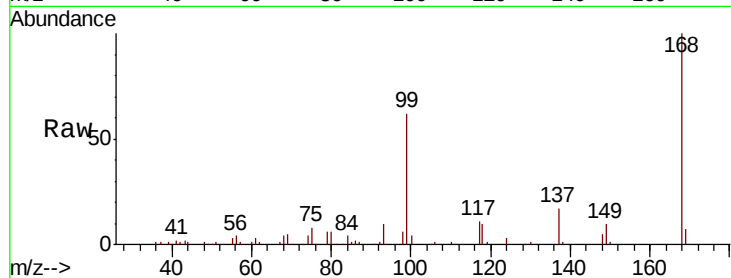
072-DUP-1RE

Tot Ion:168 Resp: 82081

Ion Ratio Lower Upper

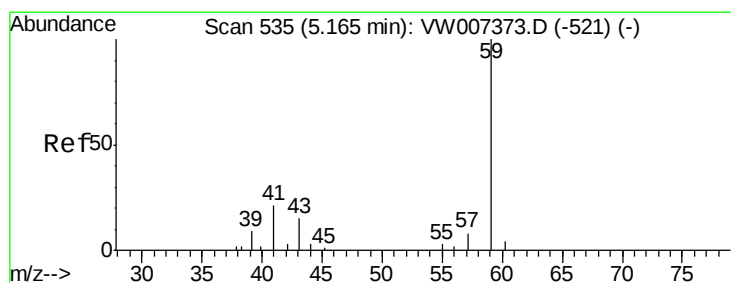
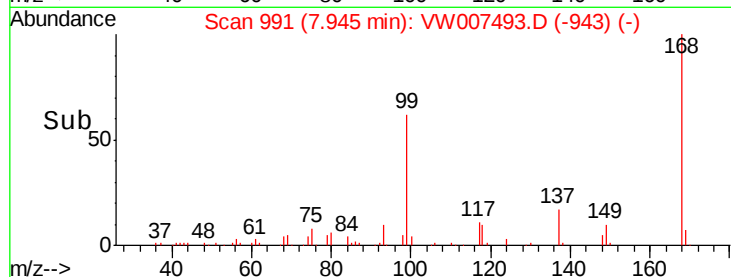
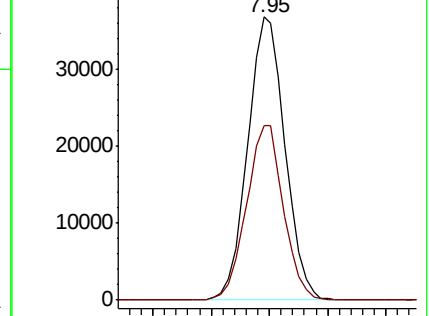
168 100

99 61.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 9.002 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW007493.D

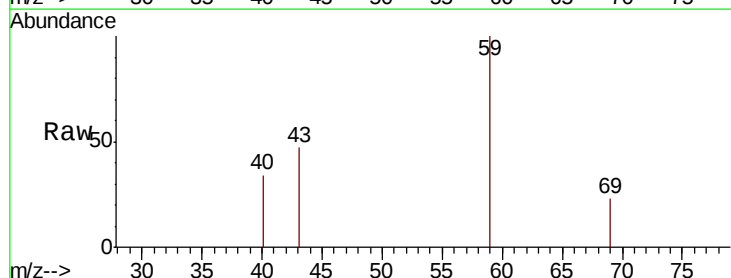
Acq: 13 Dec 2018 17:20

Tgt Ion: 59 Resp: 563

Ion Ratio Lower Upper

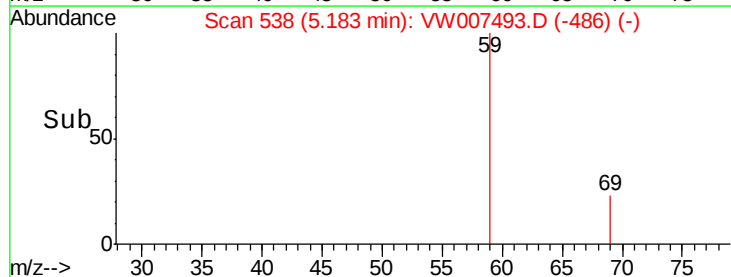
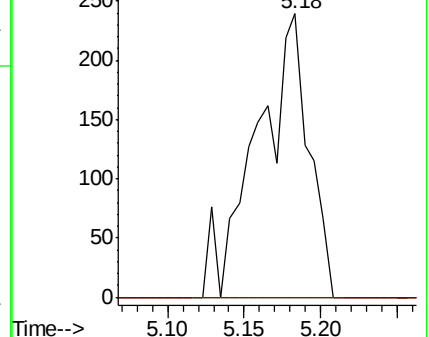
59 100

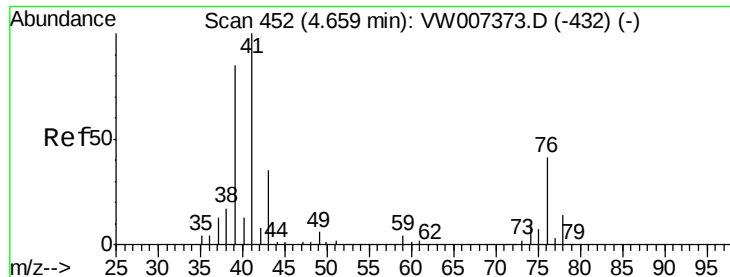
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#14

Allvl chloride

Concen: 3.149 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.24 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1RE

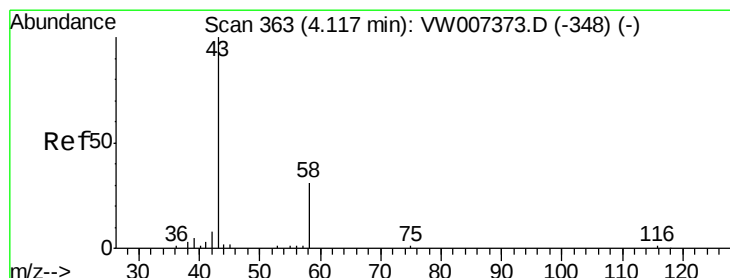
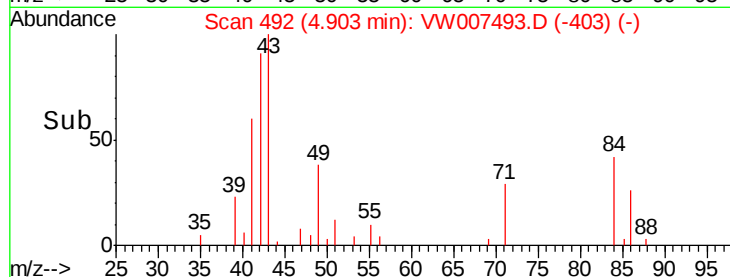
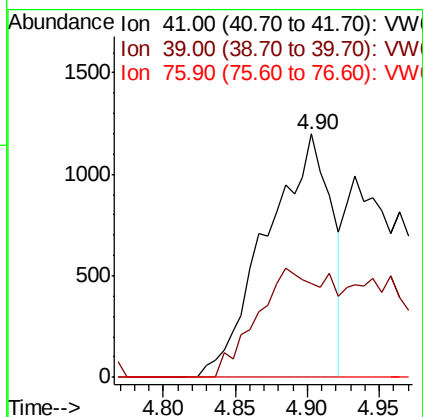
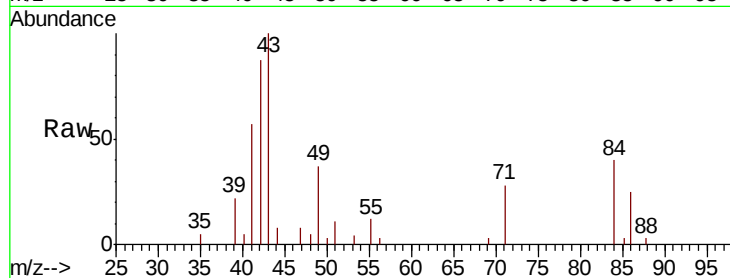
Tot Ion: 41 Resp: 3737

Ion Ratio Lower Upper

41 100

39 41.3 63.4 95.2#

76 0.0 32.1 48.1#



#16

Acetone

Concen: 50.749 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007493.D

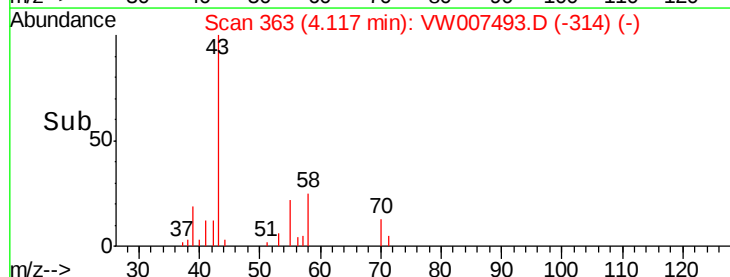
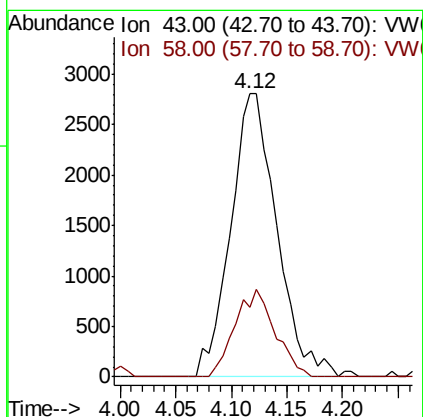
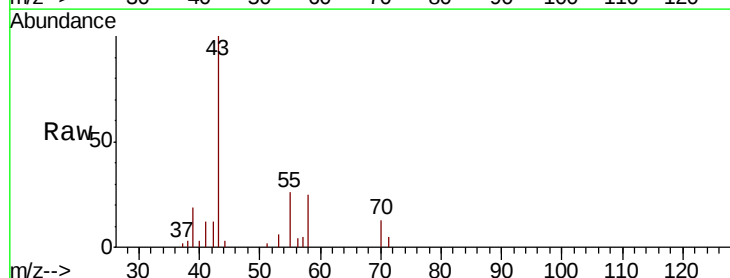
Acq: 13 Dec 2018 17:20

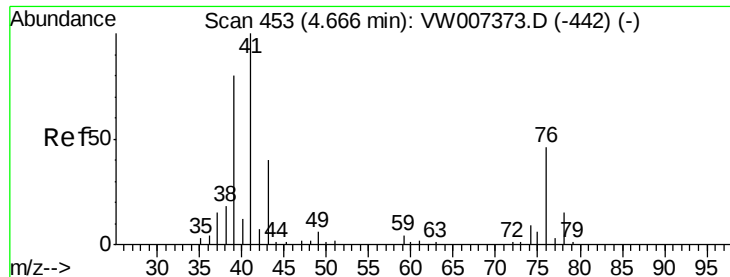
Tgt Ion: 43 Resp: 8072

Ion Ratio Lower Upper

43 100

58 24.7 24.9 37.3#

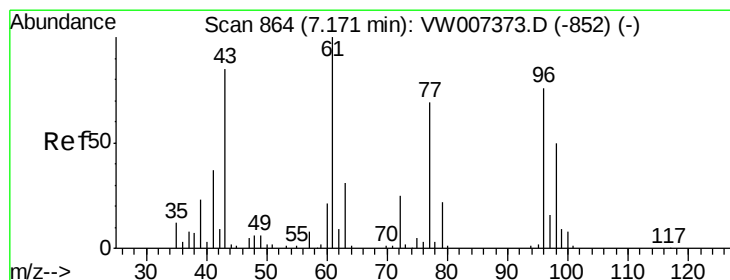
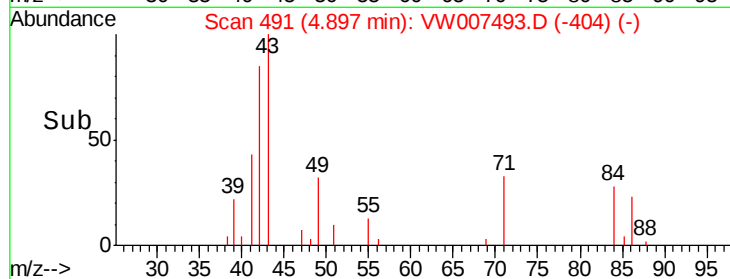
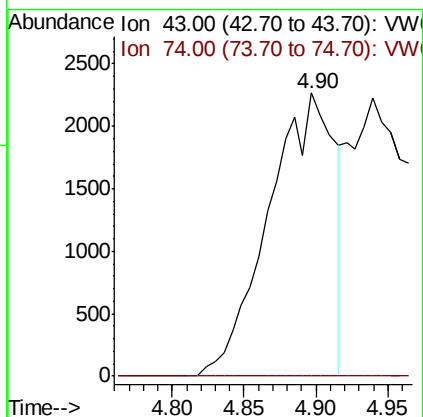
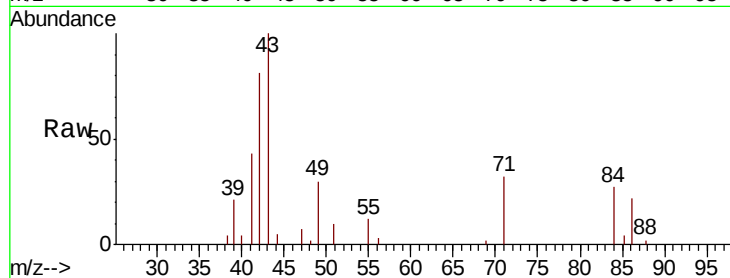




#18
Methyl Acetate
Concen: 16.729 ug/l
RT: 4.90 min Scan# 491
Delta R.T. 0.23 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

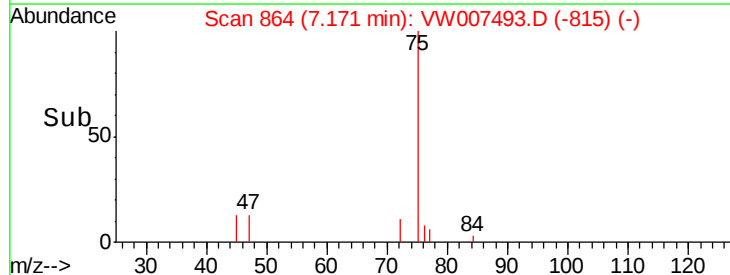
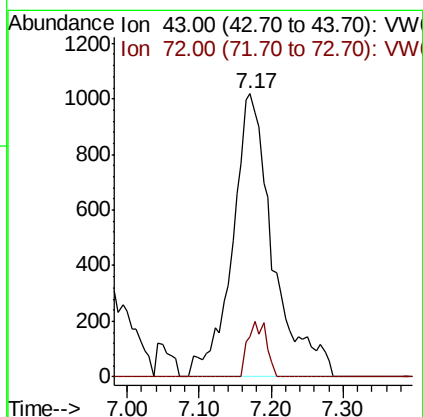
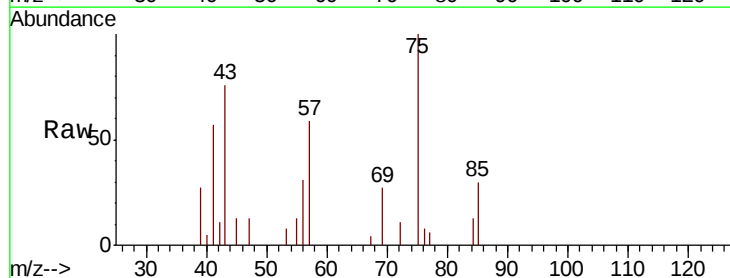
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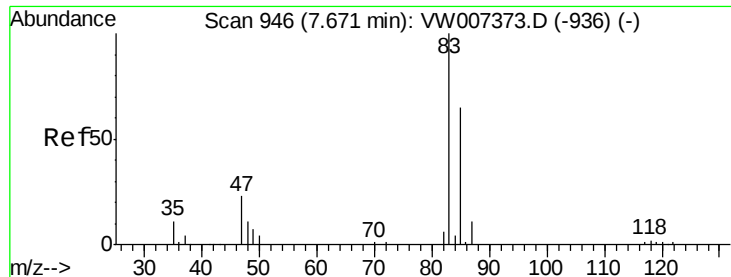
Tot Ion: 43 Resp: 7222
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#25
2-Butanone
Concen: 19.200 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 43 Resp: 3987
Ion Ratio Lower Upper
43 100
72 14.2 23.4 35.2#

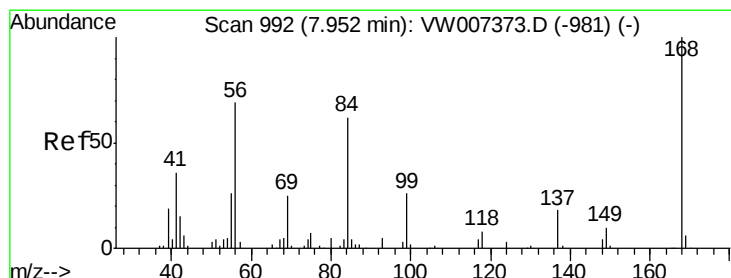
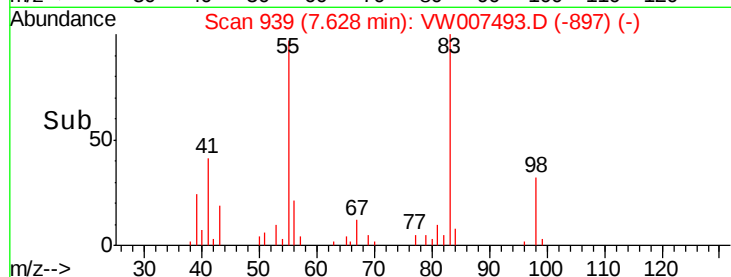
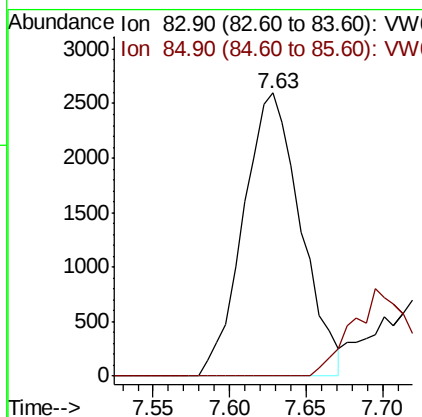
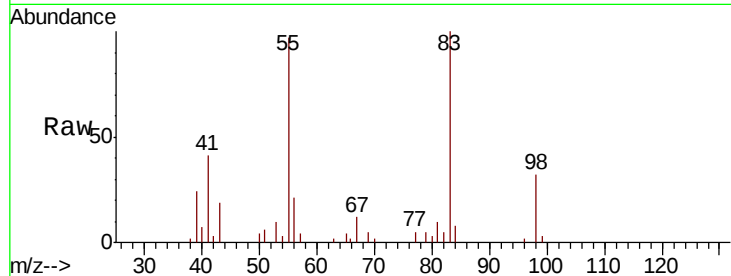




#30
Chloroform
Concen: 4.034 ug/l
RT: 7.63 min Scan# 939
Delta R.T. -0.04 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

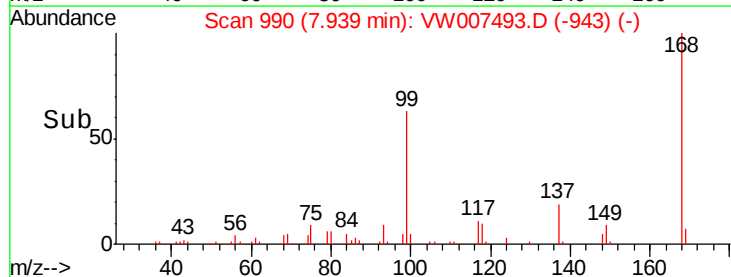
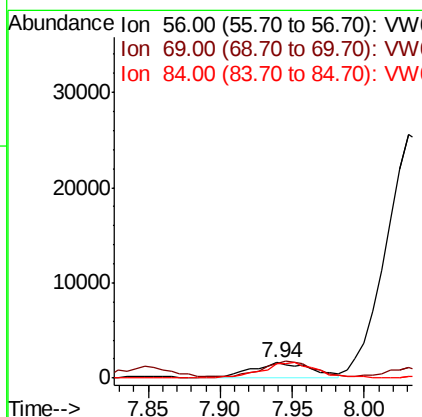
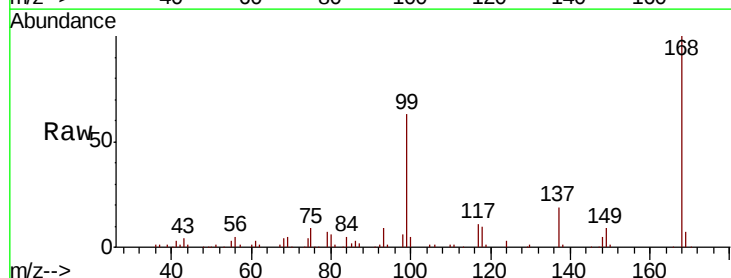
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ClientSampleId :
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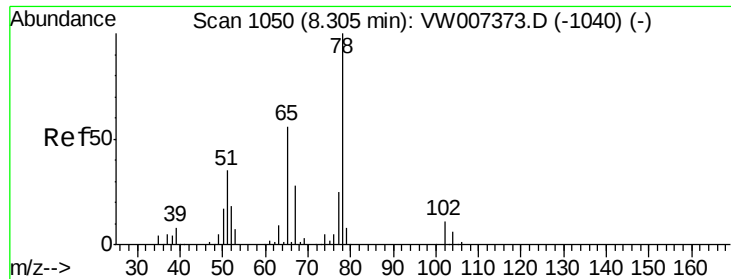
Tot Ion: 83 Resp: 6768
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 3.096 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 56 Resp: 4380
Ion Ratio Lower Upper
56 100
69 77.2 28.9 43.3#
84 96.1 71.8 107.6

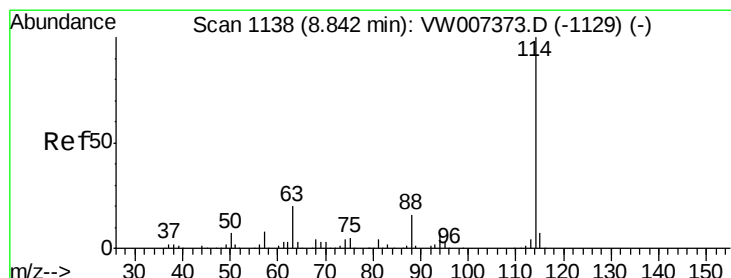
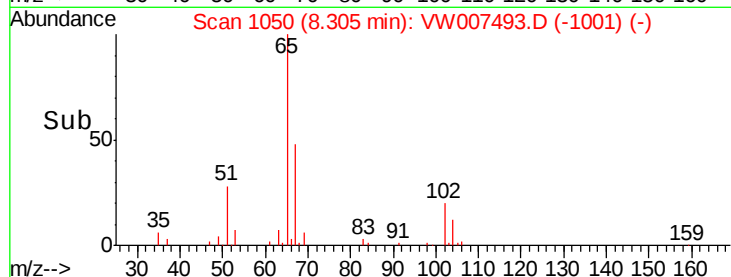
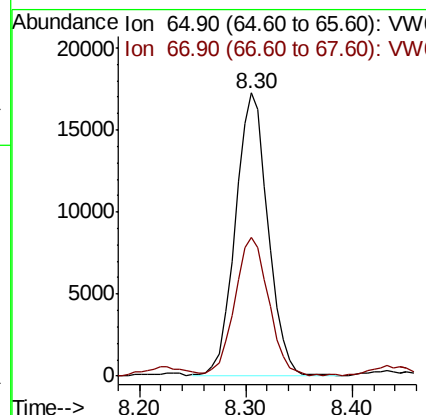
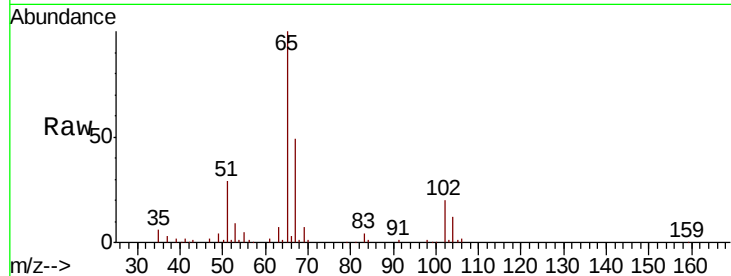




#33
 1,2-Dichloroethane-d4
 Concen: 40.737 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

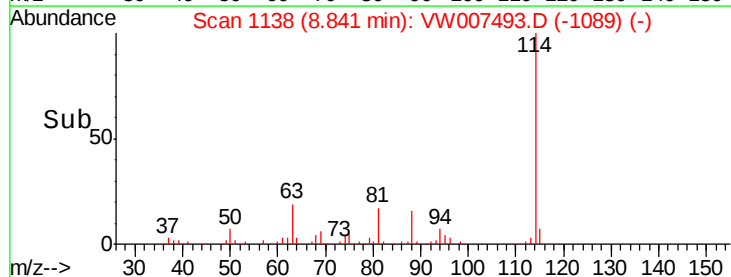
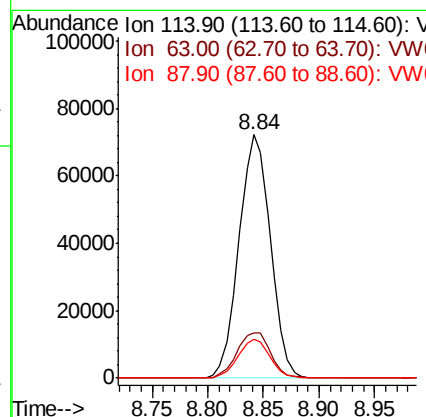
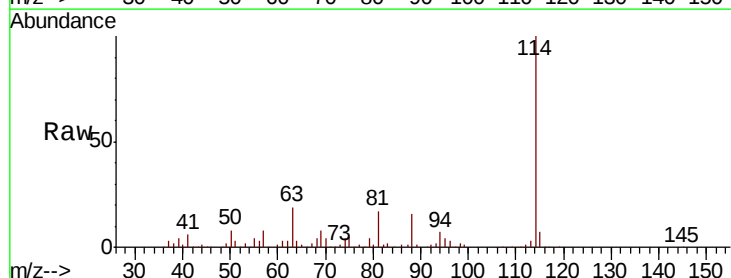
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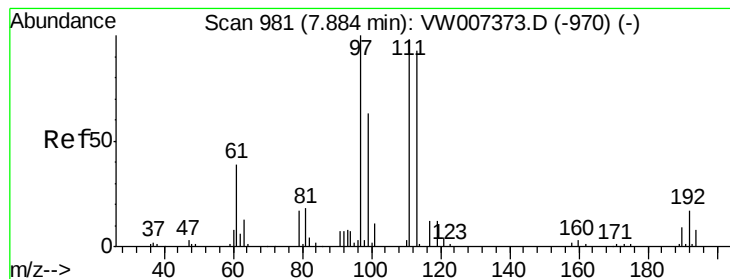
Tot Ion: 65 Resp: 37096
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

Tgt Ion: 114 Resp: 141380
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 40.454 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1RE

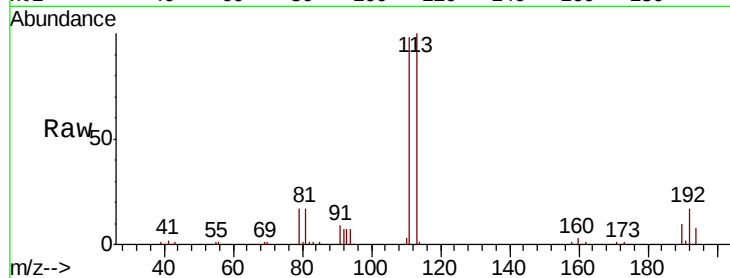
Tot Ion:113 Resp: 34622

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

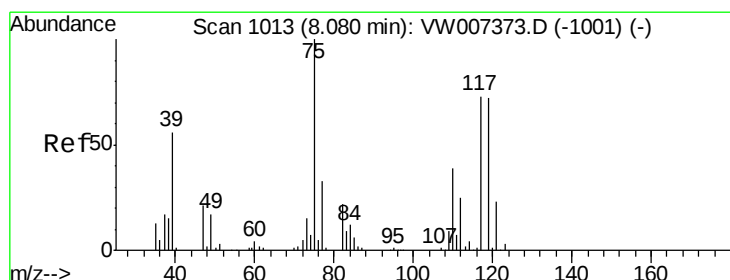
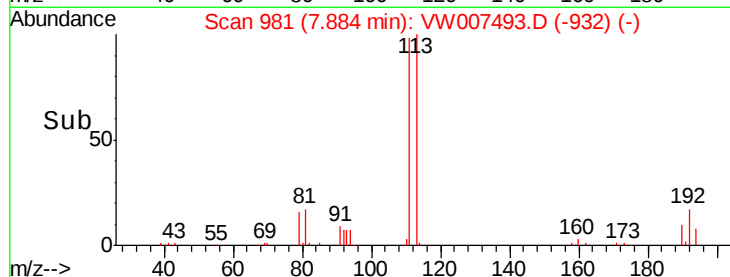
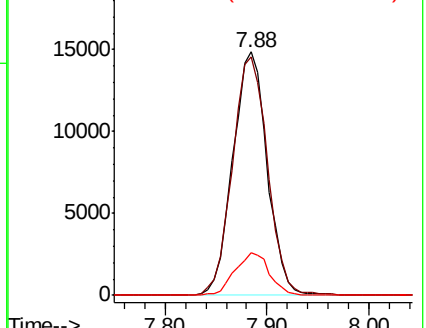
192 17.4 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.922 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

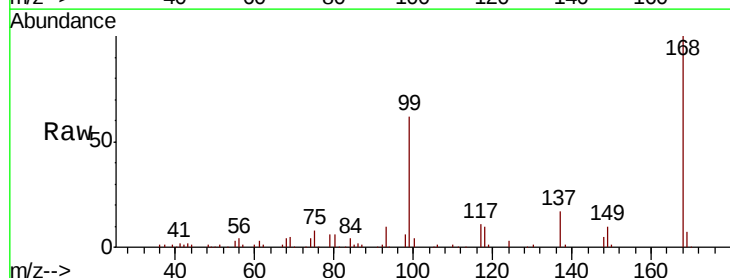
Tgt Ion: 75 Resp: 6348

Ion Ratio Lower Upper

75 100

110 10.6 18.5 55.5#

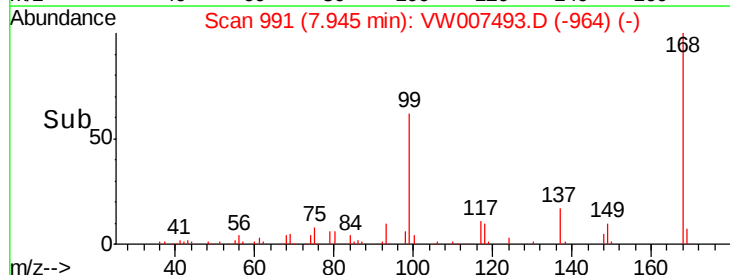
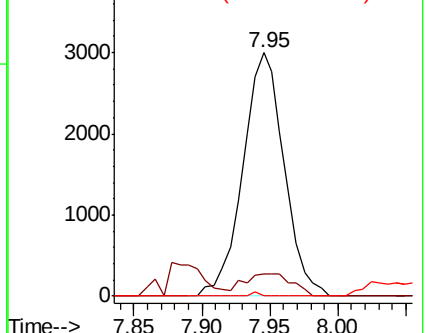
77 0.3 25.6 38.4#

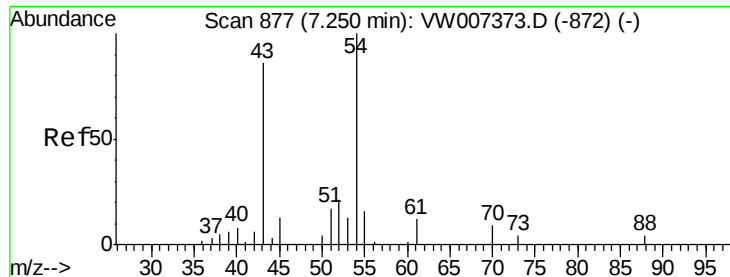


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

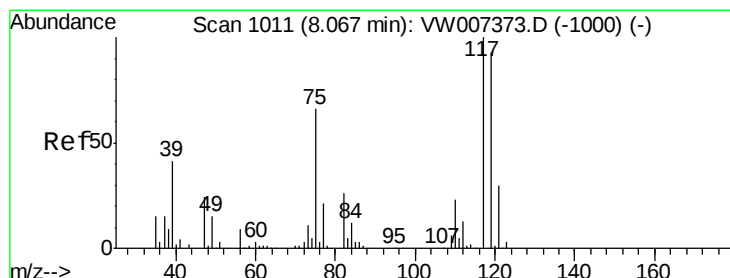
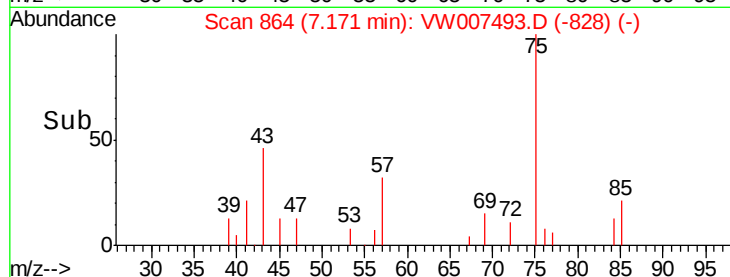
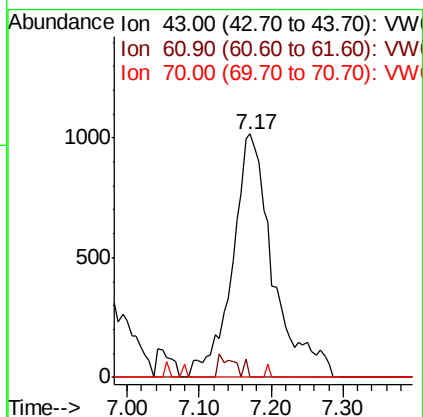
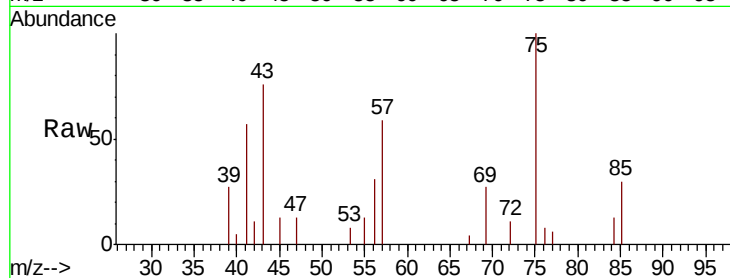




#37
Ethyl Acetate
Concen: 8.312 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

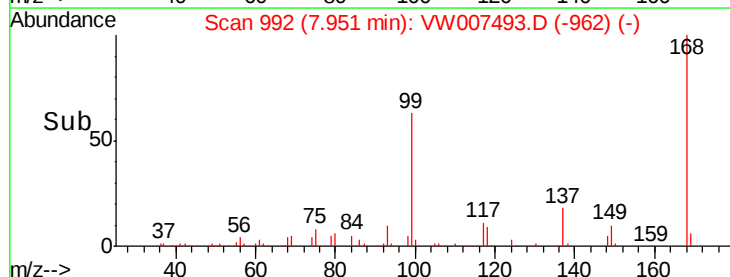
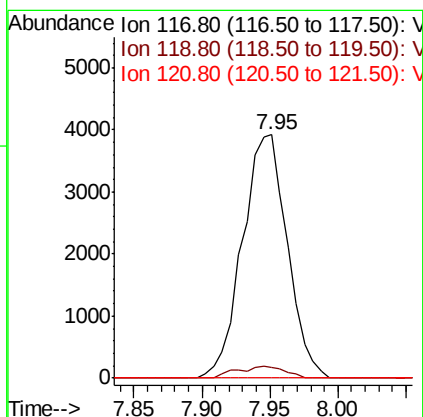
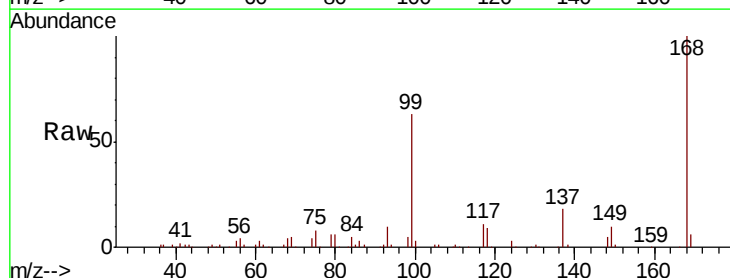
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

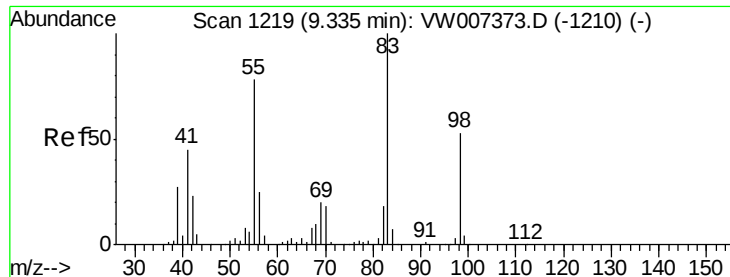
Tot Ion: 43 Resp: 3987
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.453 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 117 Resp: 9056
Ion Ratio Lower Upper
117 100
119 4.4 74.3 111.5#
121 0.0 24.3 36.5#

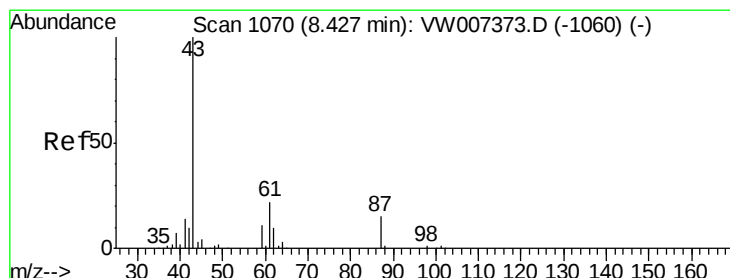
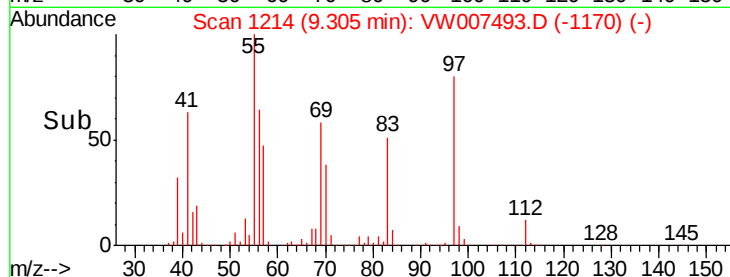
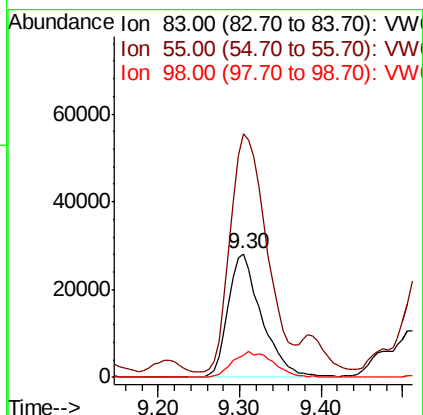
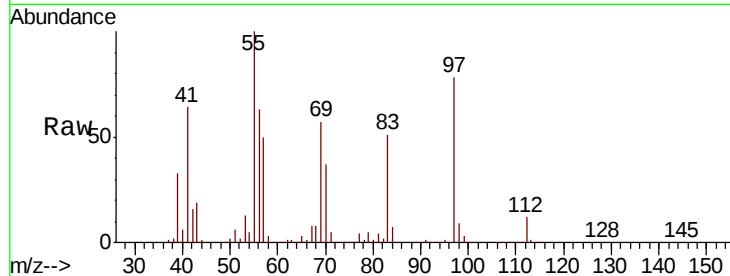




#39
Methylcyclohexane
Concen: 50.815 ug/l
RT: 9.30 min Scan# 1214
Delta R.T. -0.03 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

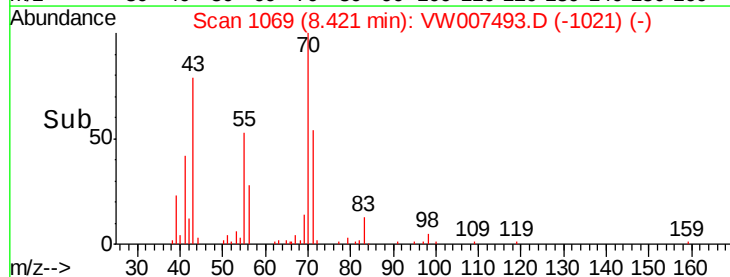
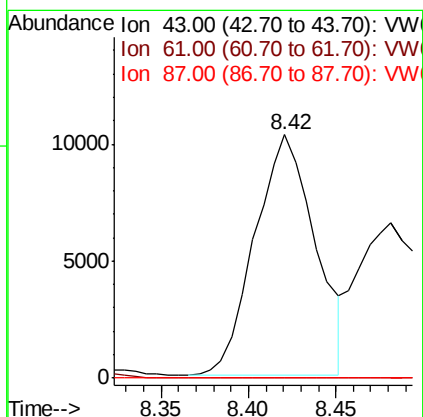
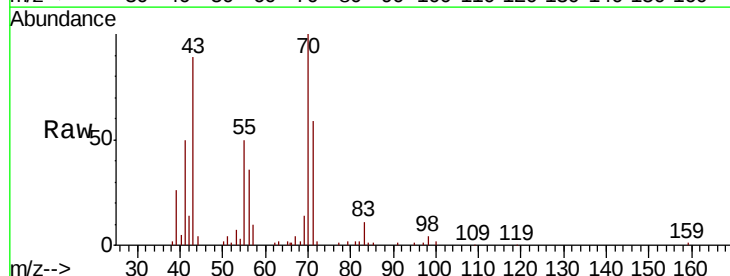
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

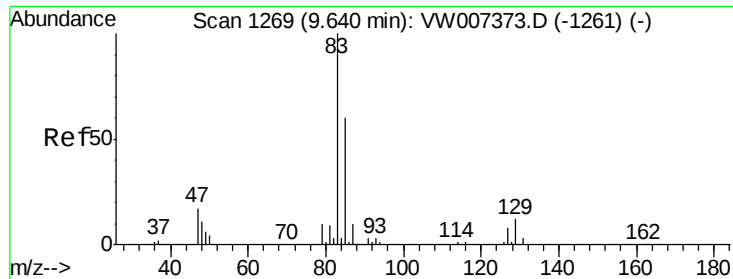
Tot Ion: 83 Resp: 79358
Ion Ratio Lower Upper
83 100
55 191.7 62.8 94.2#
98 18.2 42.2 63.2#



#43
Isopropyl Acetate
Concen: 26.218 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 43 Resp: 24843
Ion Ratio Lower Upper
43 100
61 0.0 25.3 37.9#
87 0.0 11.8 17.8#

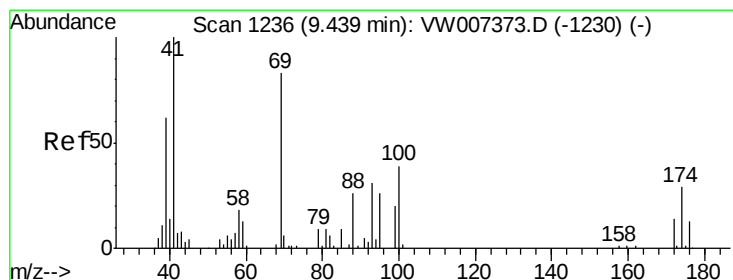
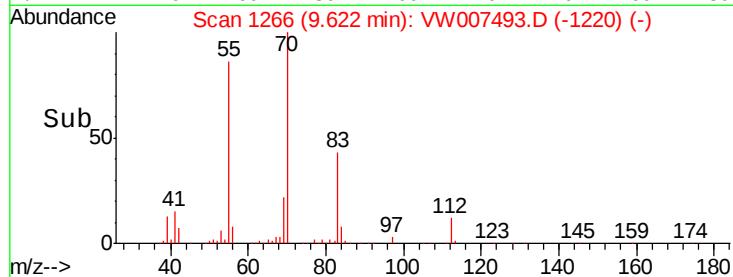
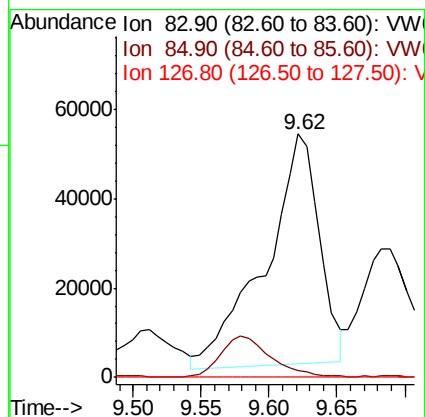
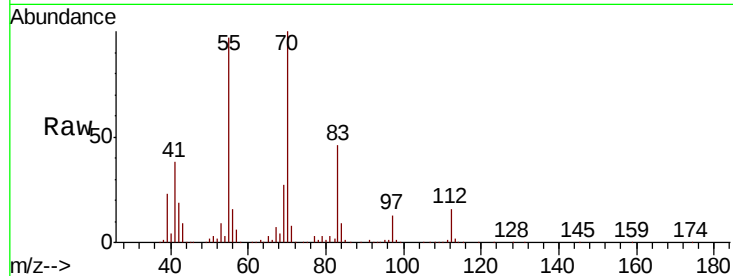




#47
Bromodichloromethane
Concen: 115.534 ug/l
RT: 9.62 min Scan# 1266
Delta R.T. -0.02 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

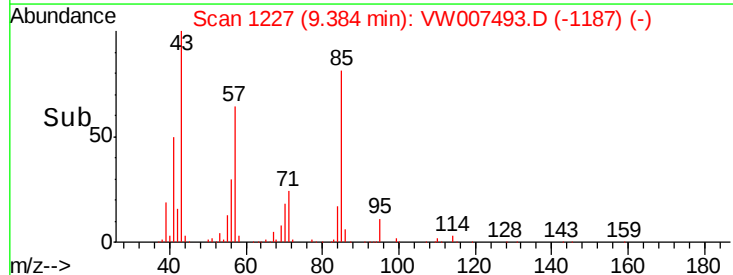
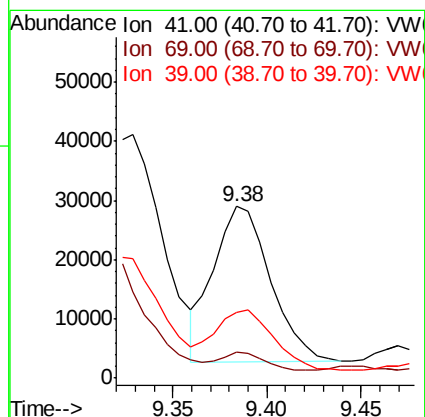
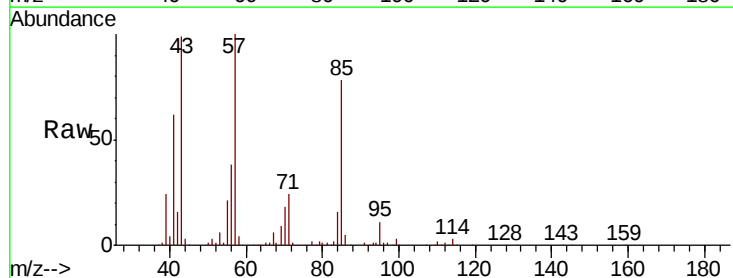
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

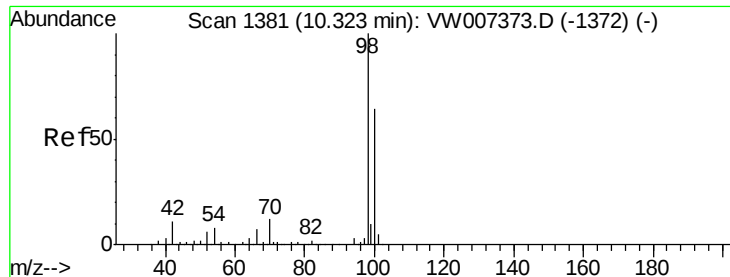
Tot Ion: 83 Resp: 142542
Ion Ratio Lower Upper
83 100
85 2.5 47.6 71.4#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 113.337 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.06 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 41 Resp: 55154
Ion Ratio Lower Upper
41 100
69 9.1 69.8 104.8#
39 41.2 50.9 76.3#





#50

Toluene-d8

Concen: 50.379 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

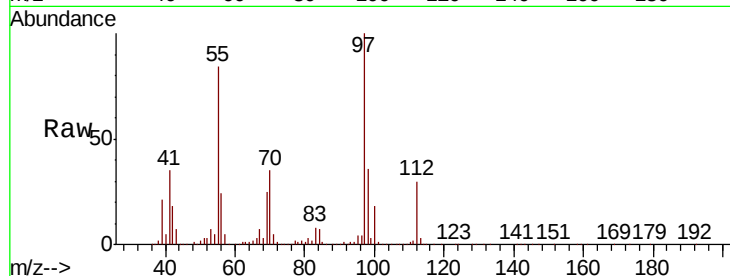
072-DUP-1RE

Tot Ion: 98 Resp: 161659

Ion Ratio Lower Upper

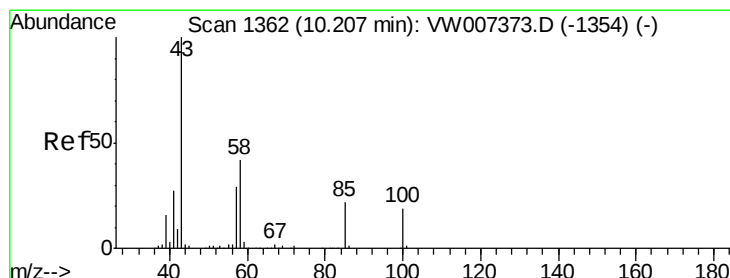
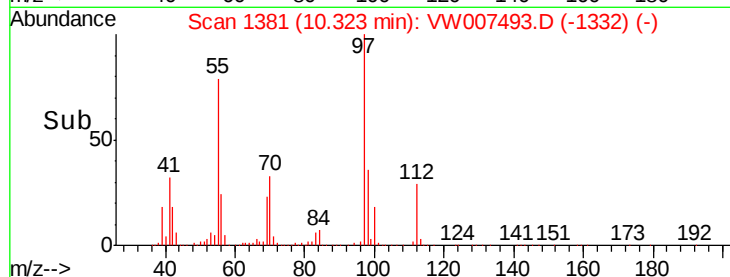
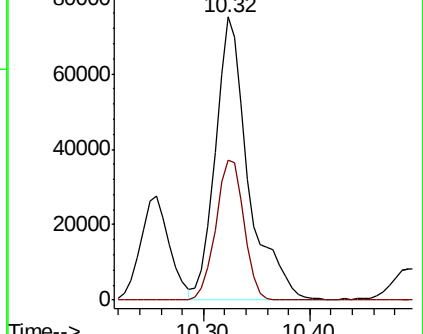
98 100

100 42.2 51.8 77.8#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 185.564 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.05 min

Lab File: VW007493.D

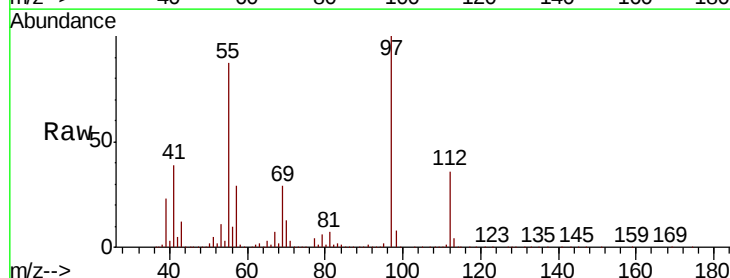
Acq: 13 Dec 2018 17:20

Tgt Ion: 43 Resp: 83079

Ion Ratio Lower Upper

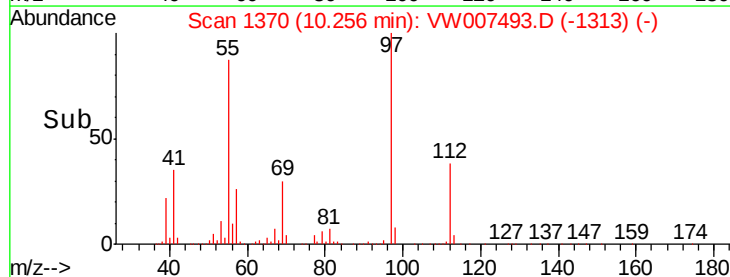
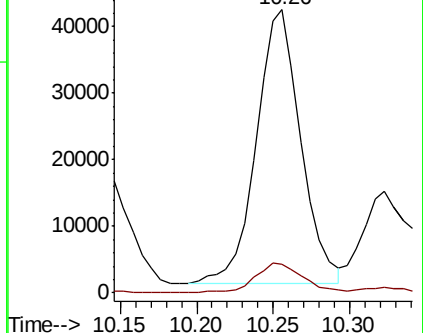
43 100

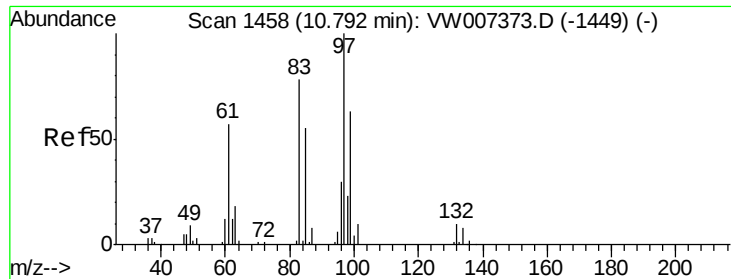
58 12.2 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

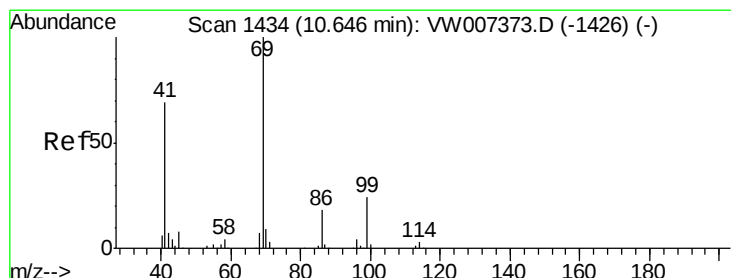
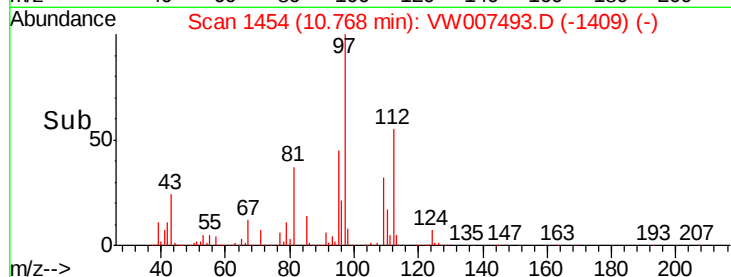
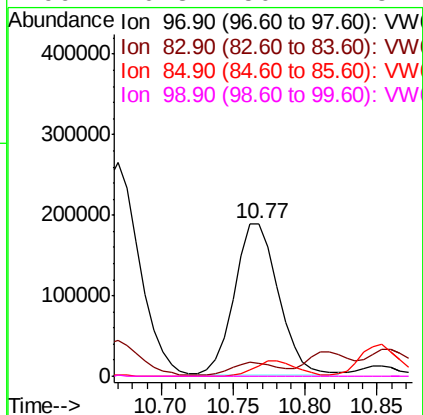
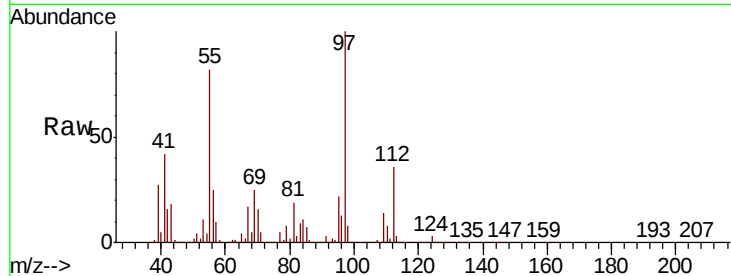




#55
 1,1,2-Trichloroethane
 Concen: 626.601 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

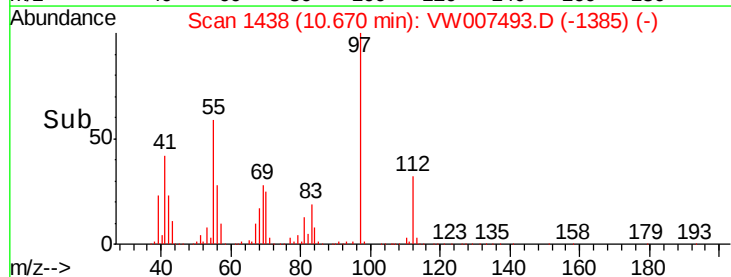
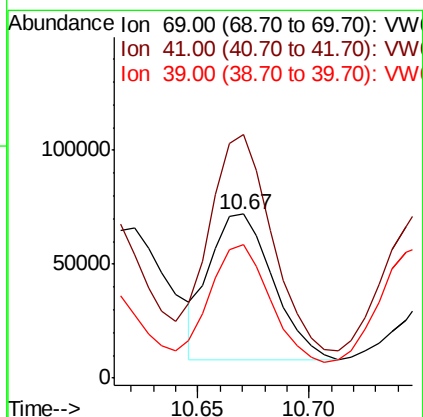
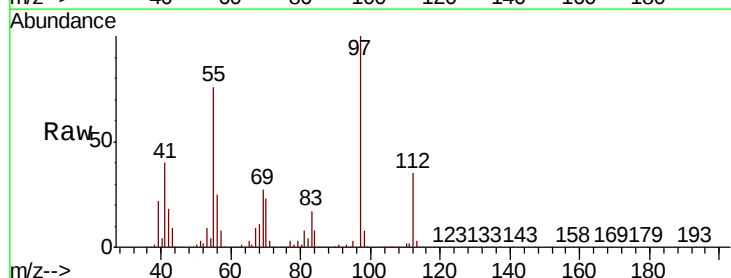
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1RE

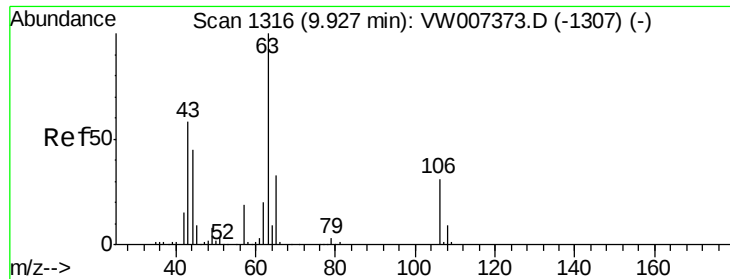
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.6	62.1	93.1#
85	7.1	44.2	66.4#
99	0.3	50.2	75.4#



#56
 Ethyl methacrylate
 Concen: 163.517 ug/l
 RT: 10.67 min Scan# 1438
 Delta R.T. 0.02 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	161.7	51.0	76.6#
39	85.7	30.8	46.2#

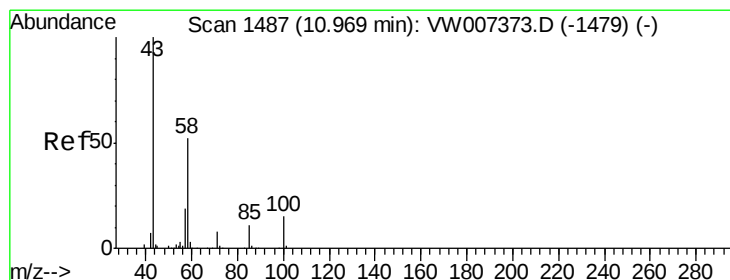
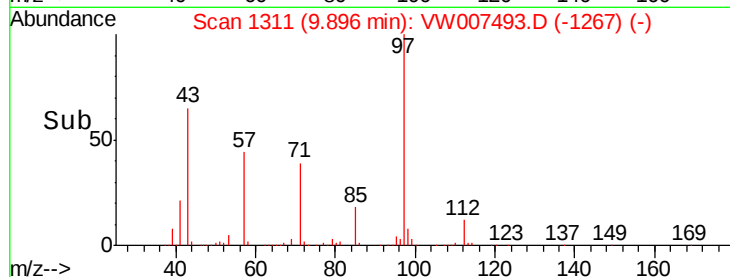
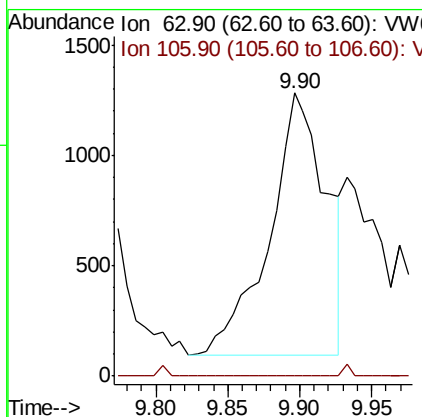
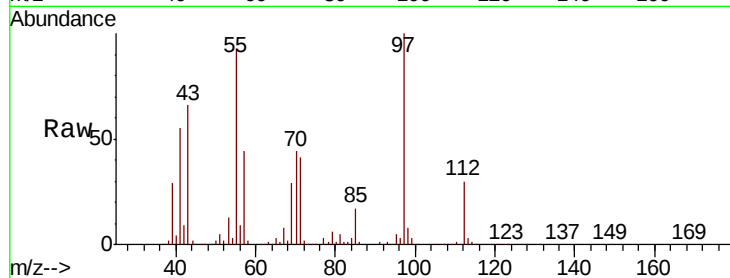




#58
2-Chloroethyl Vinyl ether
Concen: 9.162 ug/l
RT: 9.90 min Scan# 1311
Delta R.T. -0.03 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

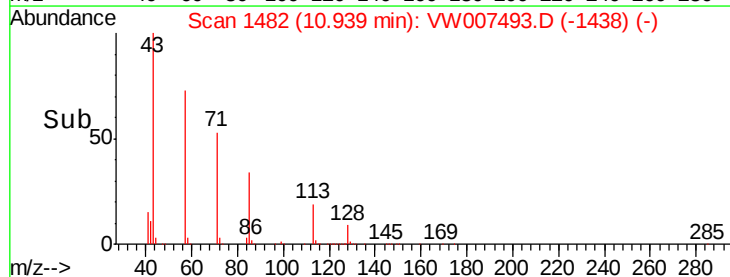
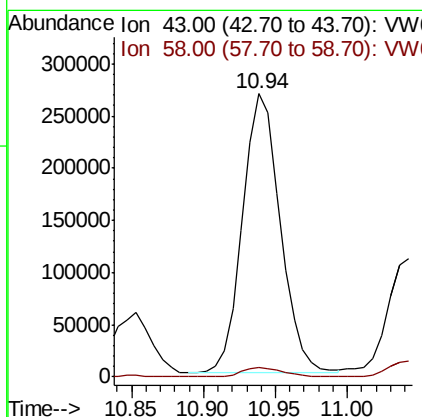
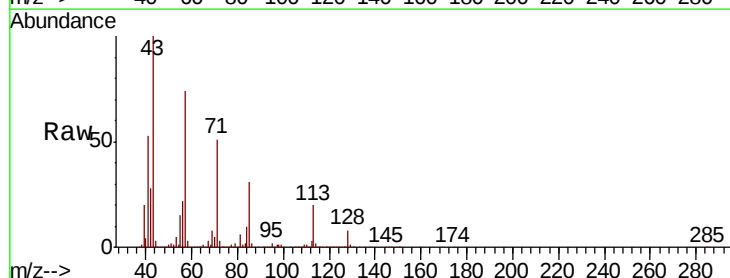
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

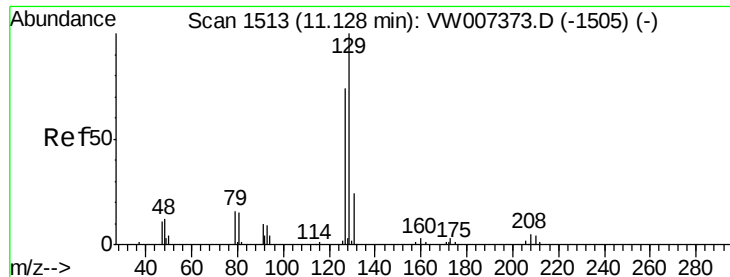
Tot Ion: 63 Resp: 3251
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#59
2-Hexanone
Concen: 1634.148 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 43 Resp: 487849
Ion Ratio Lower Upper
43 100
58 3.8 27.1 81.3#





#60

Dibromochloromethane

Concen: 2.389 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. -0.09 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

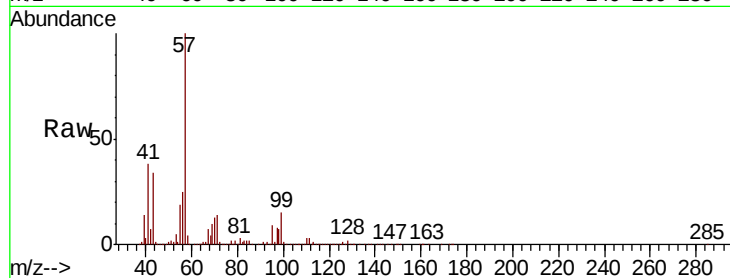
072-DUP-1RE

Tot Ion:129 Resp: 1930

Ion Ratio Lower Upper

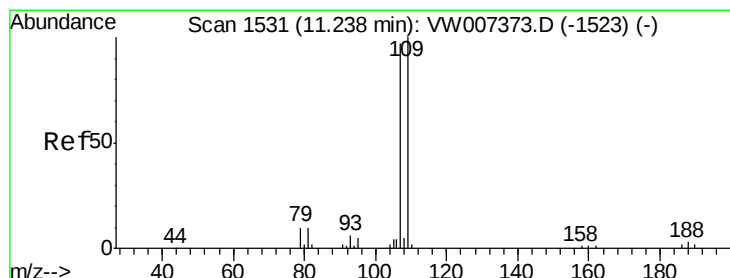
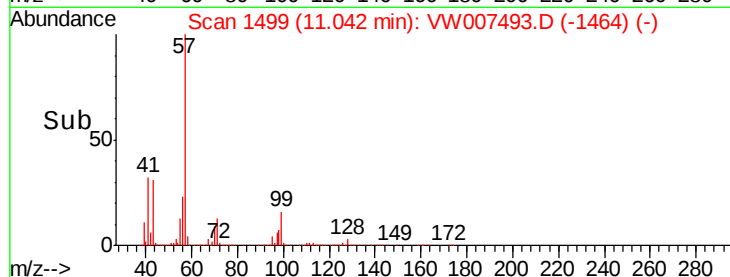
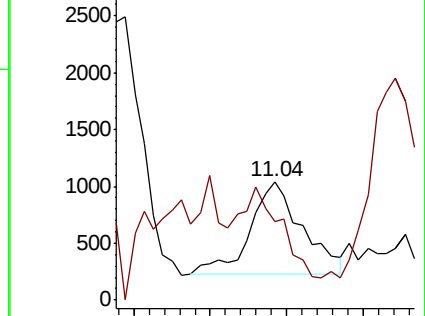
129 100

127 73.7 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 6.954 ug/l

RT: 11.21 min Scan# 1526

Delta R.T. -0.03 min

Lab File: VW007493.D

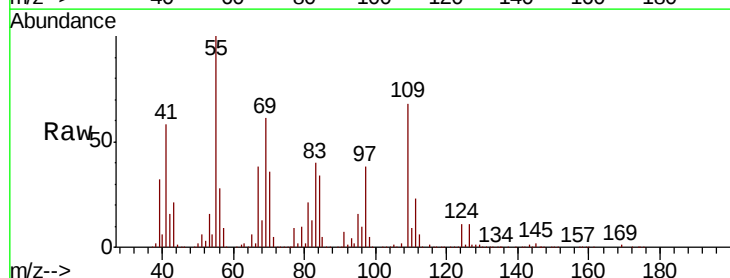
Acq: 13 Dec 2018 17:20

Tgt Ion:107 Resp: 4399

Ion Ratio Lower Upper

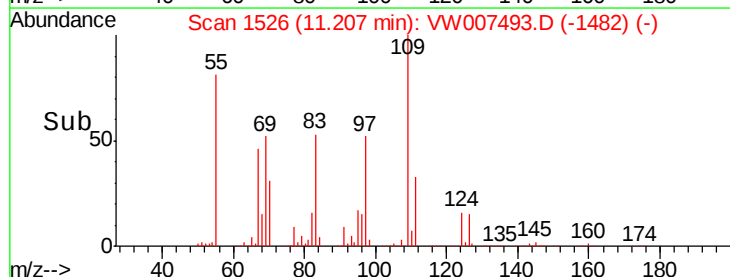
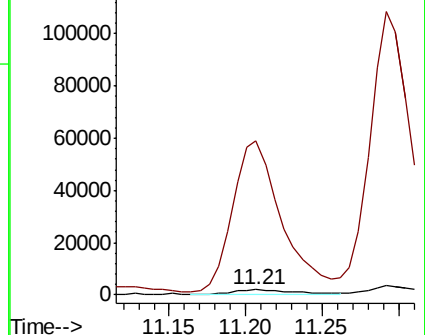
107 100

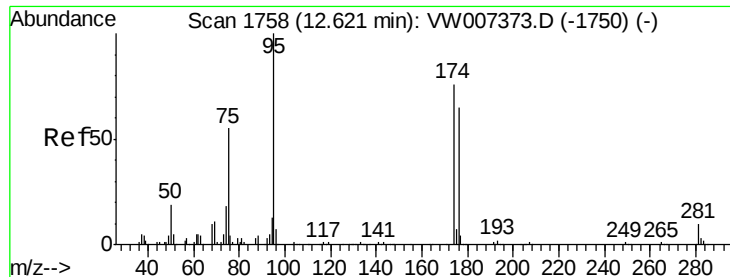
109 2889.1 79.1 118.7#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

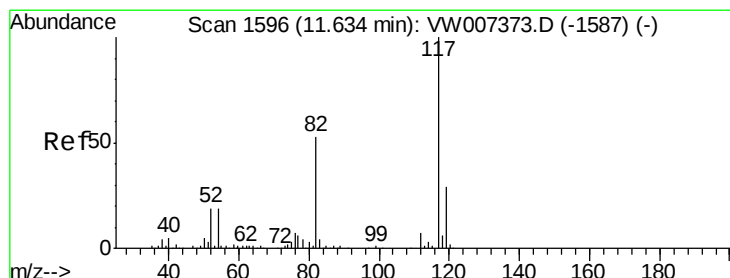
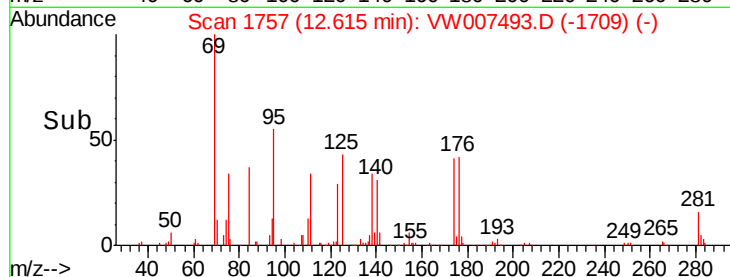
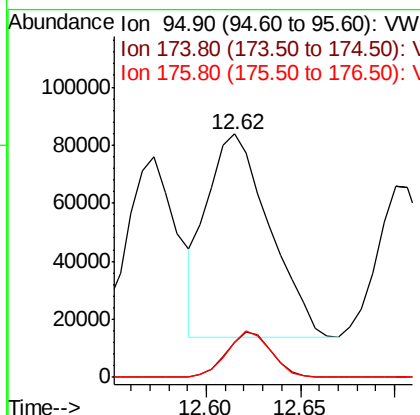
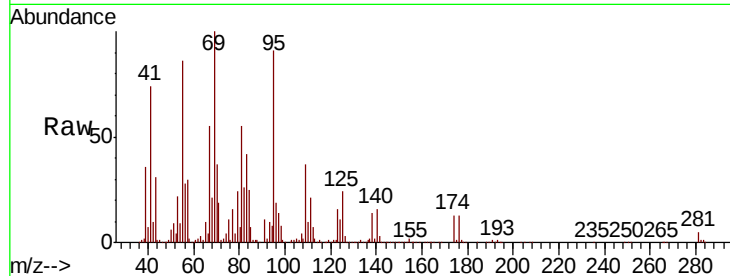




#62
4-Bromofluorobenzene
Concen: 136.912 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

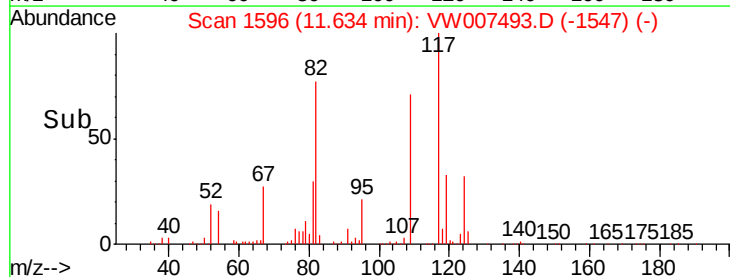
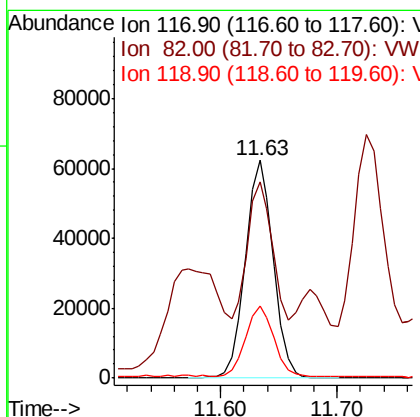
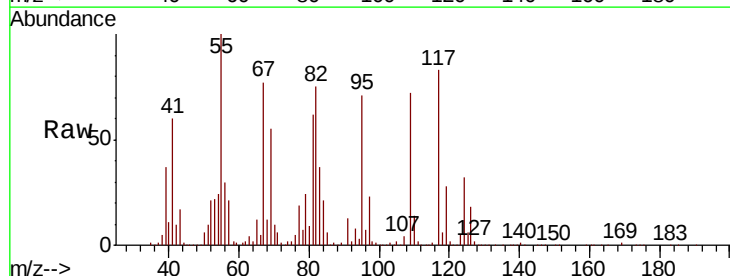
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

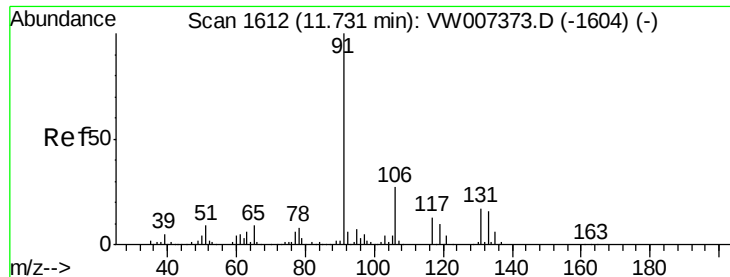
Tot Ion: 95 Resp: 161532
Ion Ratio Lower Upper
95 100
174 16.0 0.0 147.2
176 15.8 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 117 Resp: 102727
Ion Ratio Lower Upper
117 100
82 66.3 42.3 63.5#
119 32.5 23.0 34.6





#67

Ethyl Benzene

Concen: 4.303 ug/l

RT: 11.77 min Scan# 1618

Delta R.T. 0.04 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

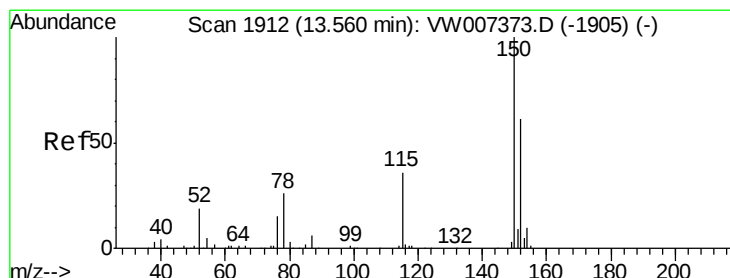
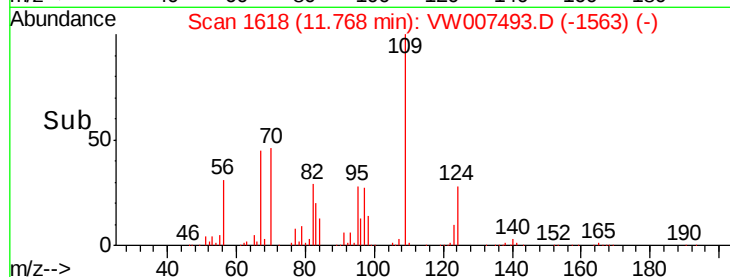
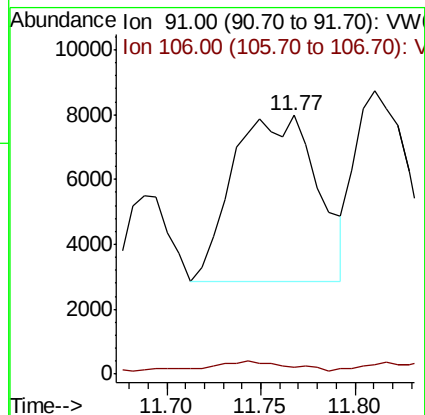
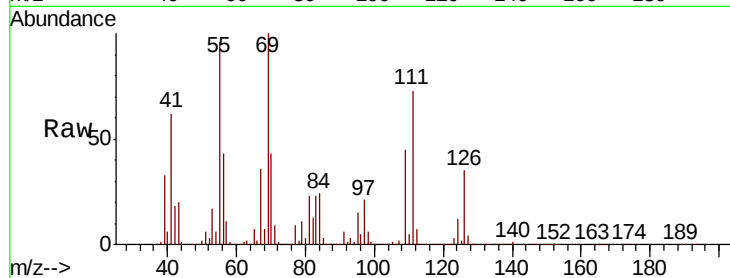
072-DUP-1RE

Tot Ion: 91 Resp: 15839

Ion Ratio Lower Upper

91 100

106 0.6 21.8 32.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

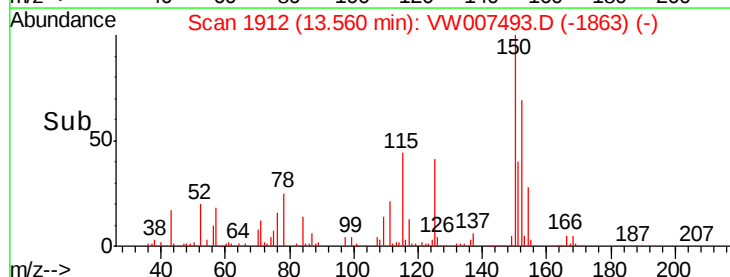
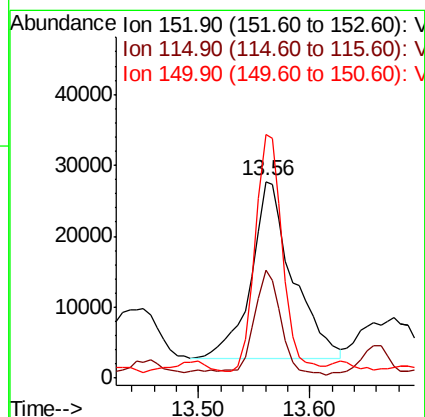
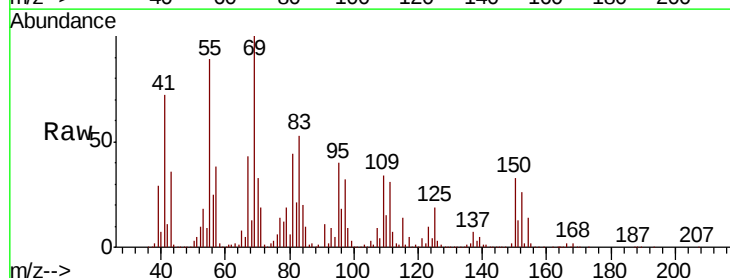
Tgt Ion: 152 Resp: 64318

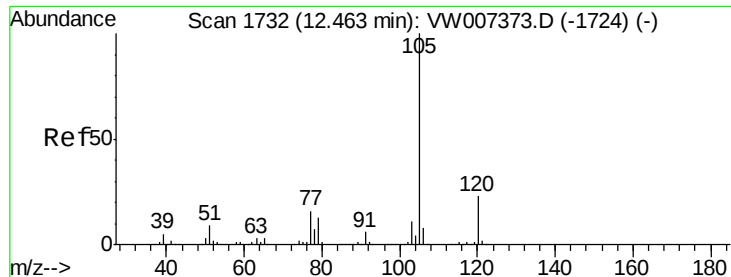
Ion Ratio Lower Upper

152 100

115 37.6 31.4 94.2

150 88.8 0.0 358.4





#73

Isopropylbenzene

Concen: 27.647 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

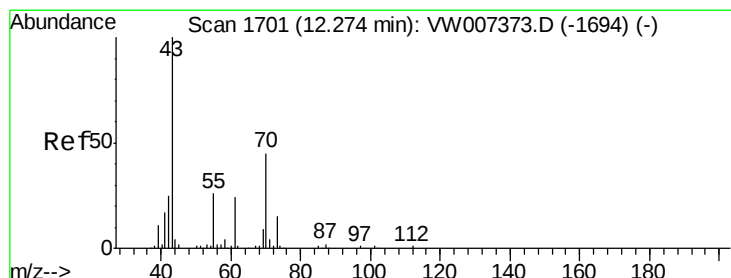
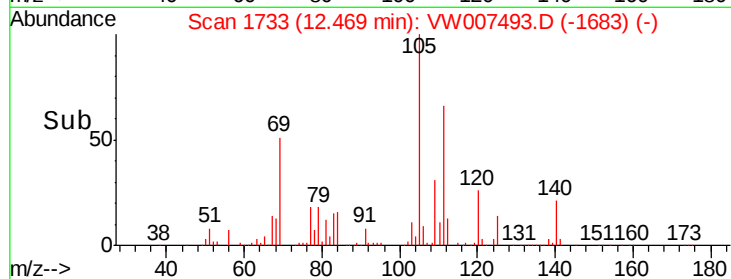
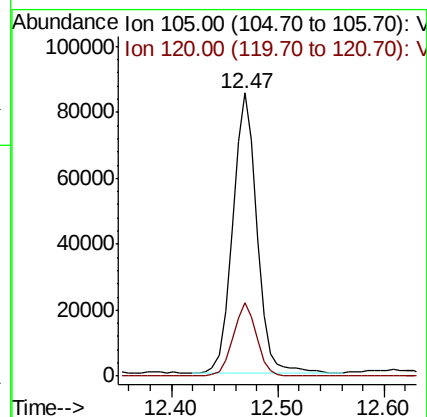
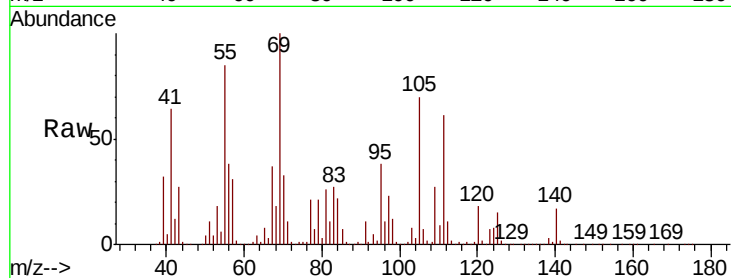
072-DUP-1RE

Tot Ion:105 Resp: 136254

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



#74

N-ethyl acetate

Concen: 489.481 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Tgt Ion: 43 Resp: 438415

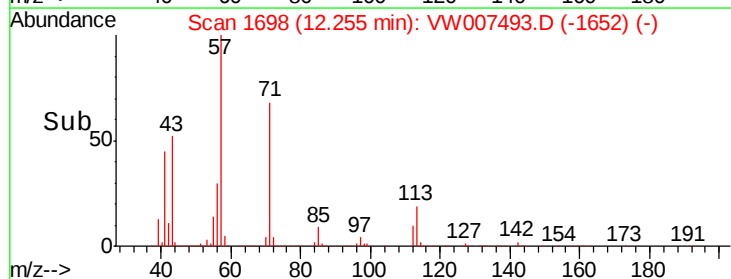
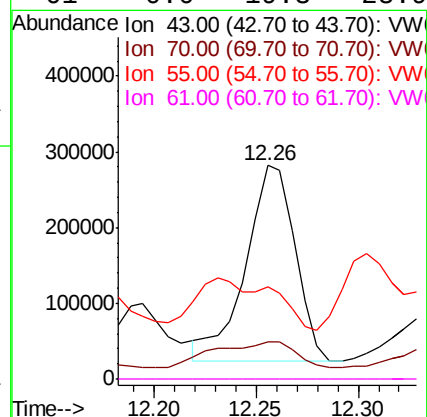
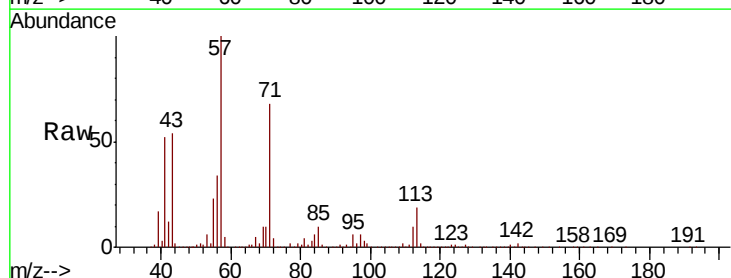
Ion Ratio Lower Upper

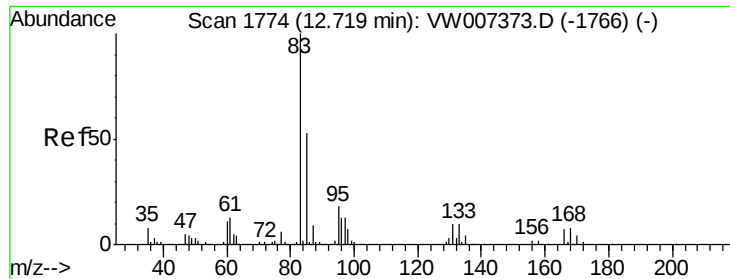
43 100

70 21.4 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 81.940 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1RE

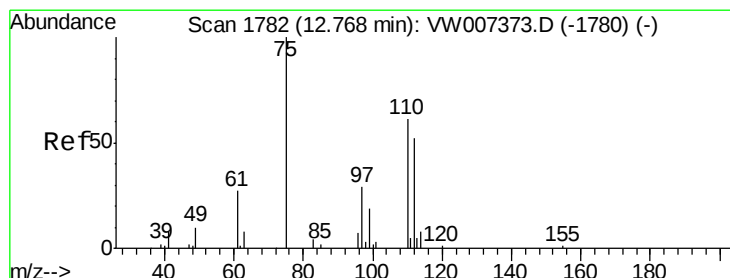
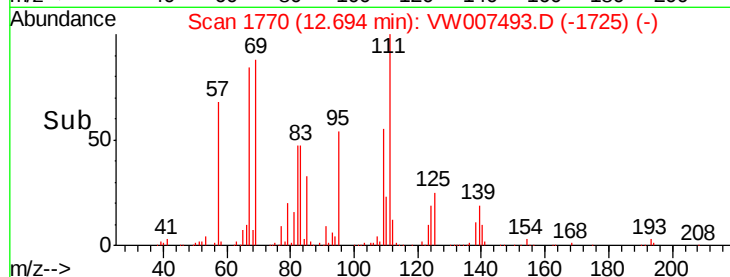
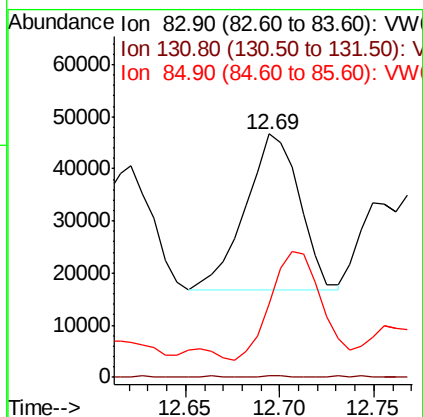
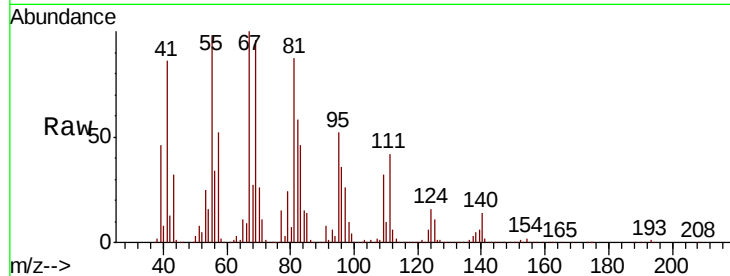
Tot Ion: 83 Resp: 59811

Ion Ratio Lower Upper

83 100

131 0.3 5.9 17.8#

85 63.8 30.0 90.0



#76

1,2,3-Trichloropropane

Concen: 1.982 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW007493.D

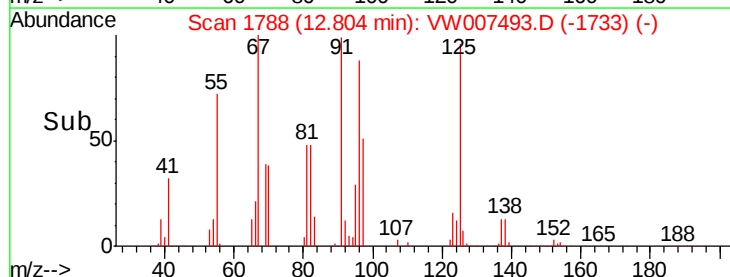
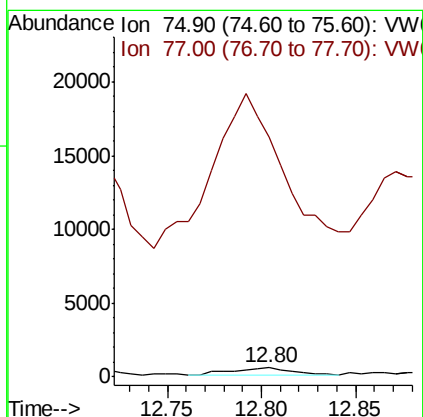
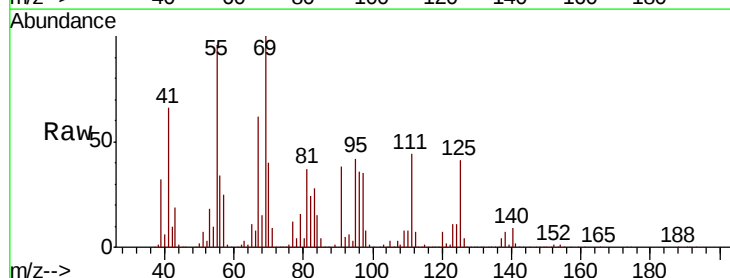
Acq: 13 Dec 2018 17:20

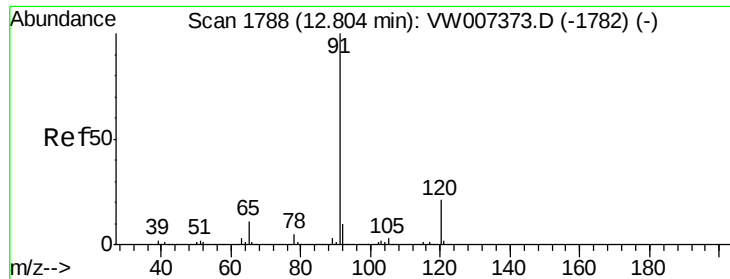
Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

77 2528.8 166.9 500.8#

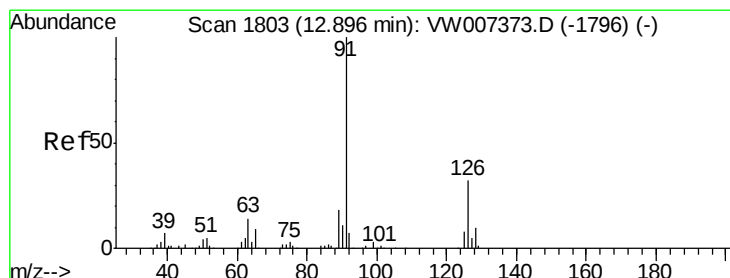
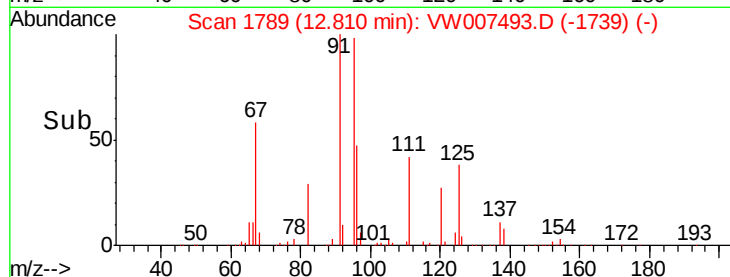
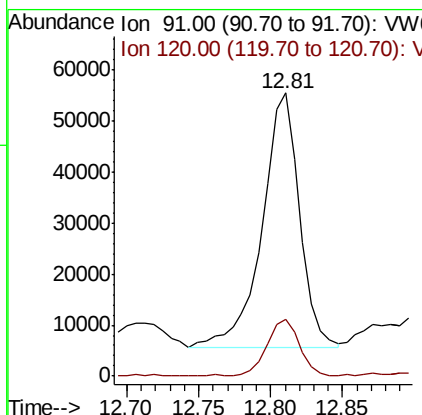
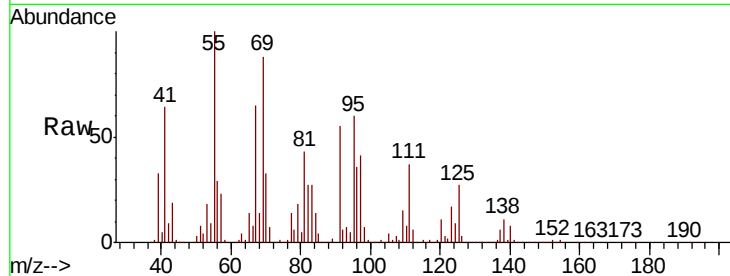




#78
 n-propylbenzene
 Concen: 16.137 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

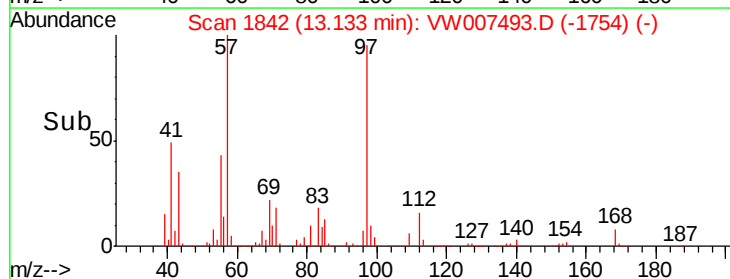
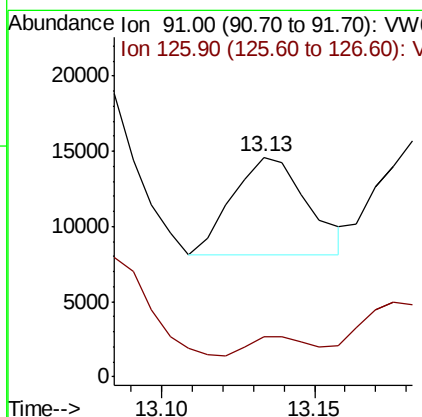
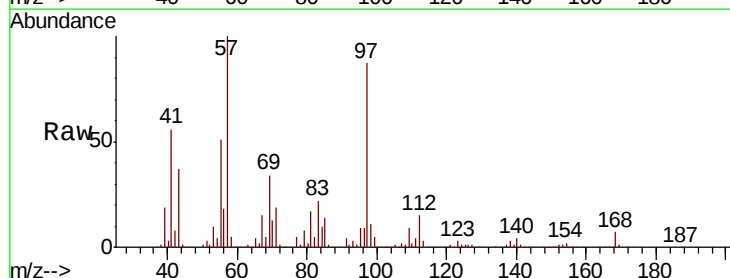
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1RE

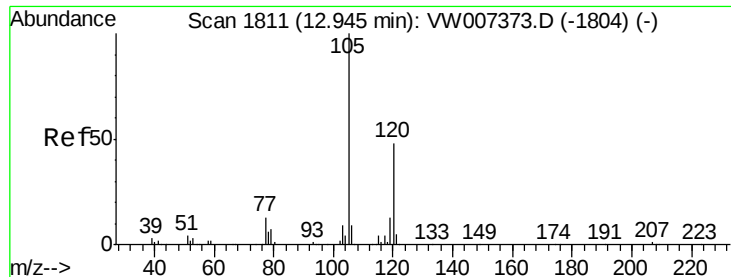
Tot Ion: 91 Resp: 89499
 Ion Ratio Lower Upper
 91 100
 120 19.2 11.9 35.5



#79
 2-Chlorotoluene
 Concen: 3.271 ug/l
 RT: 13.13 min Scan# 1842
 Delta R.T. 0.24 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

Tgt Ion: 91 Resp: 10978
 Ion Ratio Lower Upper
 91 100
 126 16.2 15.9 47.6





#80

1,3,5-Trimethylbenzene

Concen: 3.122 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

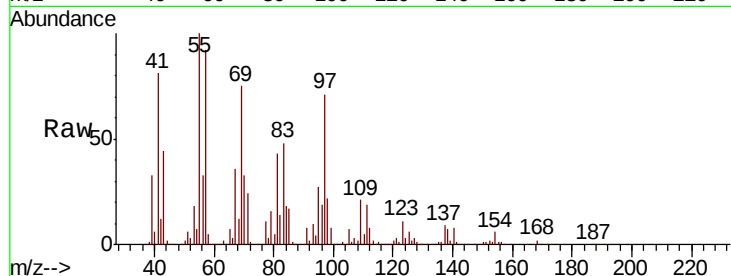
072-DUP-1RE

Tot Ion:105 Resp: 12930

Ion Ratio Lower Upper

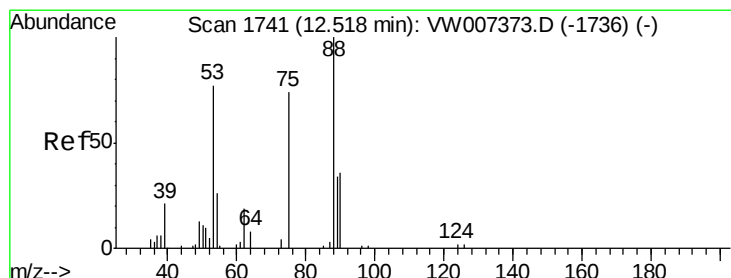
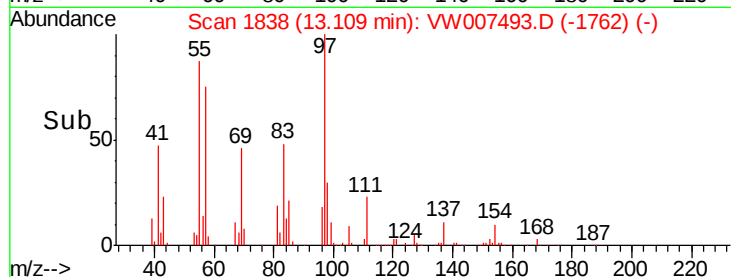
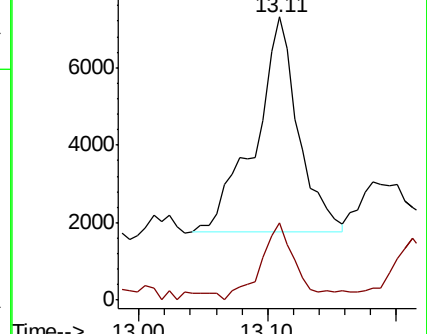
105 100

120 29.0 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 7.669 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.06 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

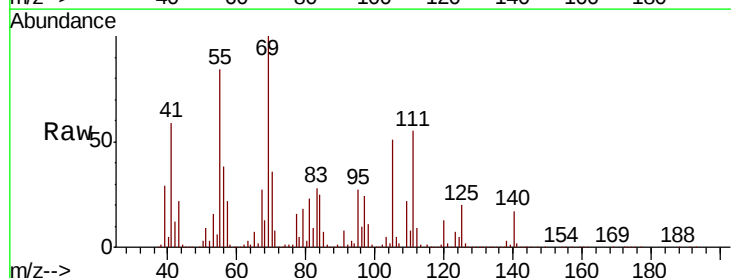
Tgt Ion: 75 Resp: 1841

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

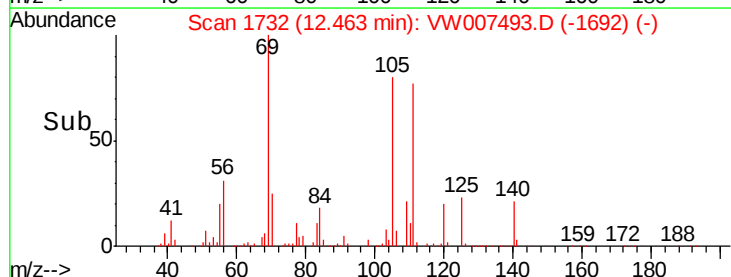
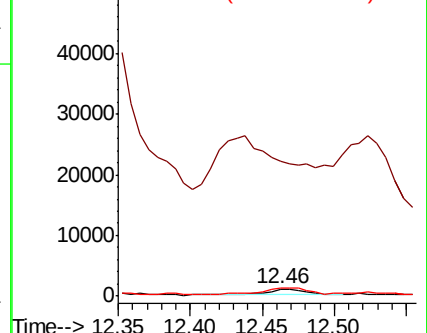
89 156.4 40.3 60.5#

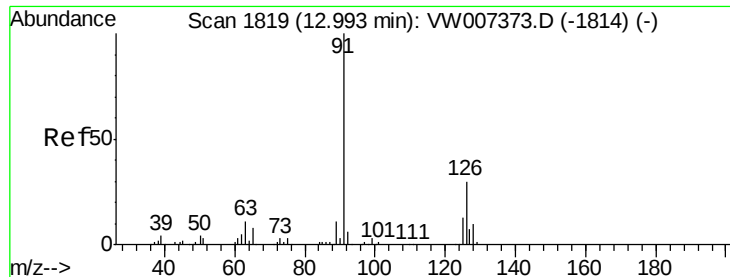


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

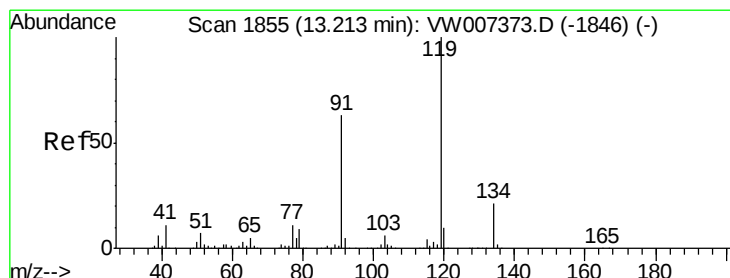
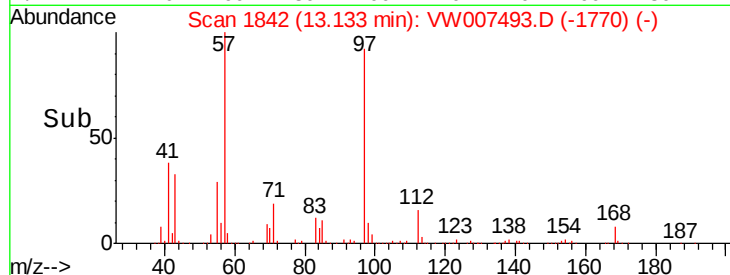
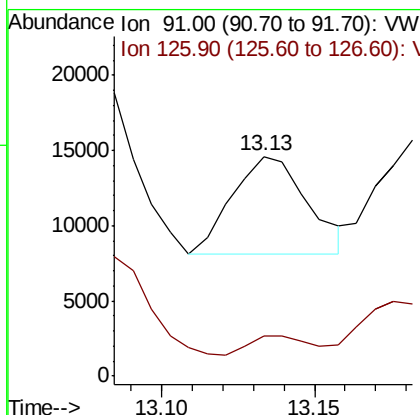
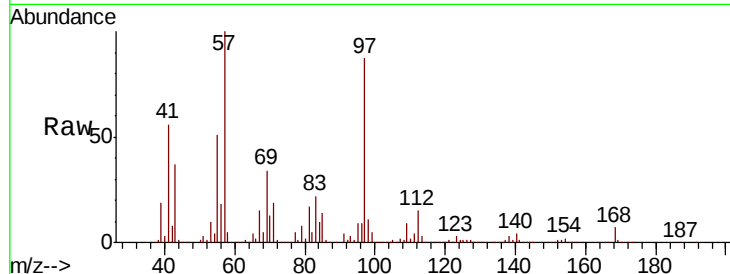




#82
4-Chlorotoluene
Concen: 3.103 ug/l
RT: 13.13 min Scan# 1842
Delta R.T. 0.14 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

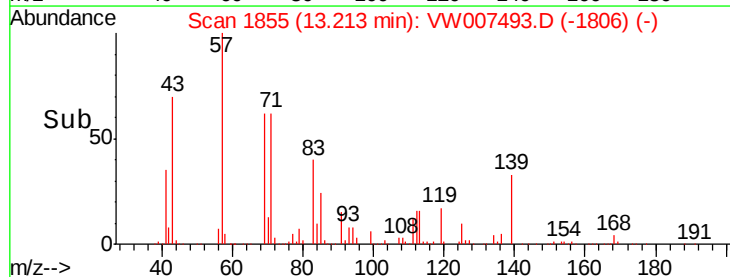
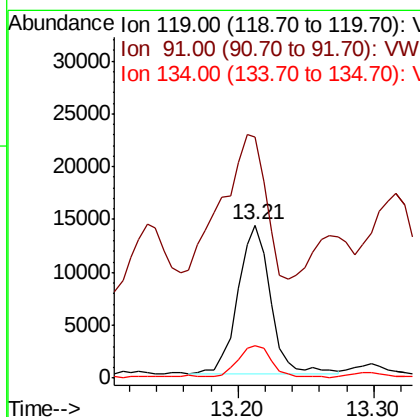
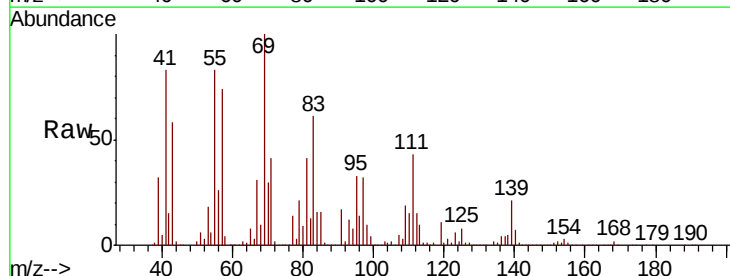
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

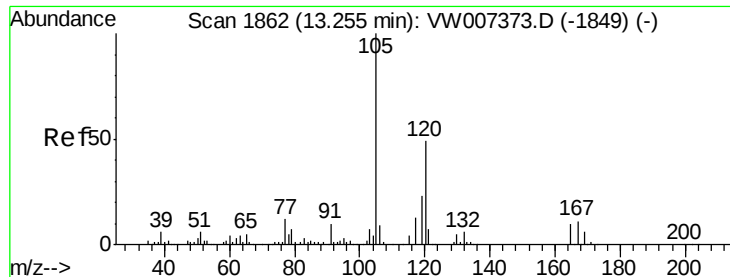
Tot Ion: 91 Resp: 10978
Ion Ratio Lower Upper
91 100
126 16.2 16.0 48.0



#83
tert-Butylbenzene
Concen: 6.437 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 119 Resp: 23486
Ion Ratio Lower Upper
119 100
91 128.7 33.1 99.2#
134 23.9 12.5 37.5

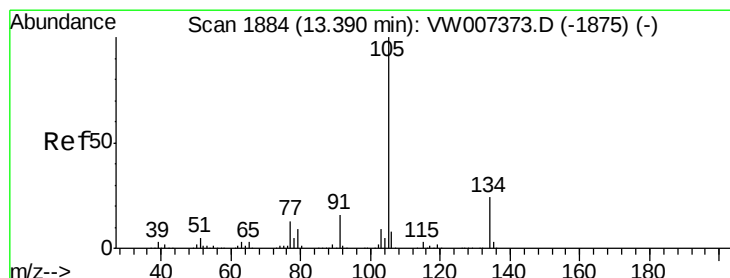
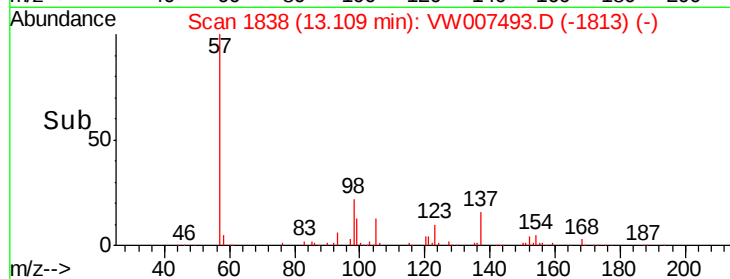
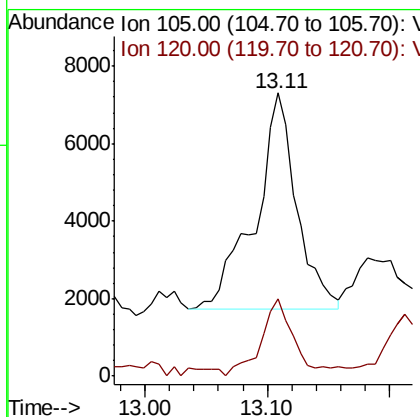
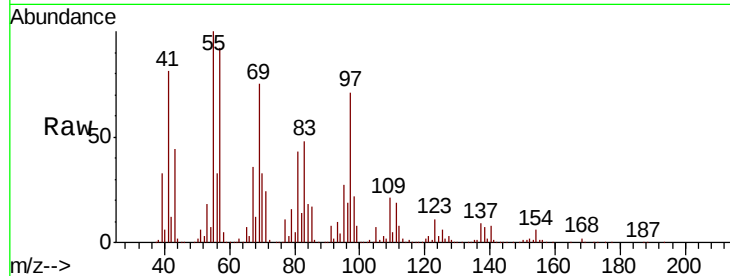




#84
 1,2,4-Trimethylbenzene
 Concen: 3.084 ug/l
 RT: 13.11 min Scan# 1838
 Delta R.T. -0.15 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

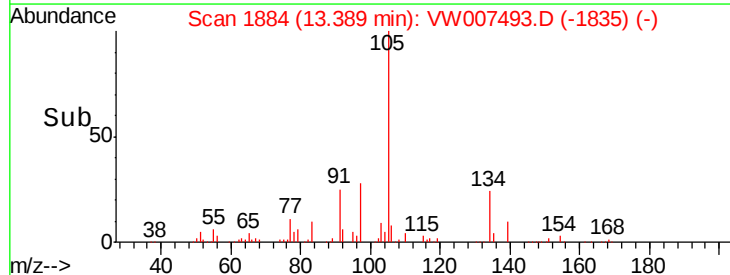
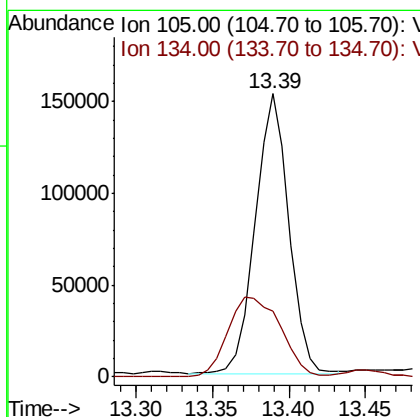
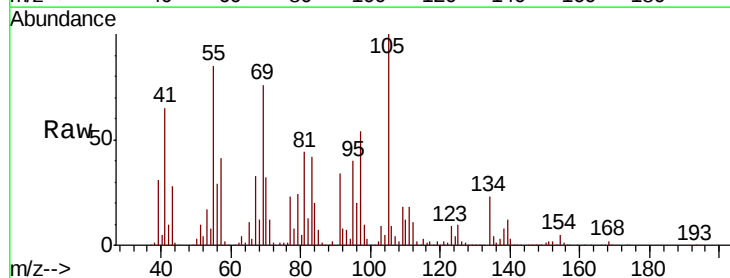
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1RE

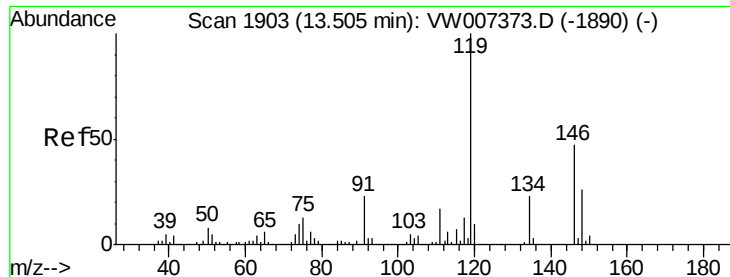
Tot Ion:105 Resp: 13142
 Ion Ratio Lower Upper
 105 100
 120 28.5 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 46.623 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

Tgt Ion:105 Resp: 232229
 Ion Ratio Lower Upper
 105 100
 134 44.3 11.1 33.3#

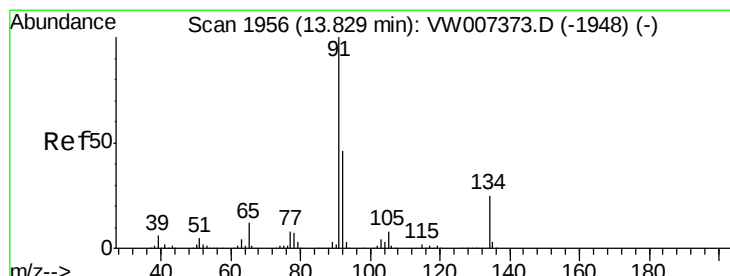
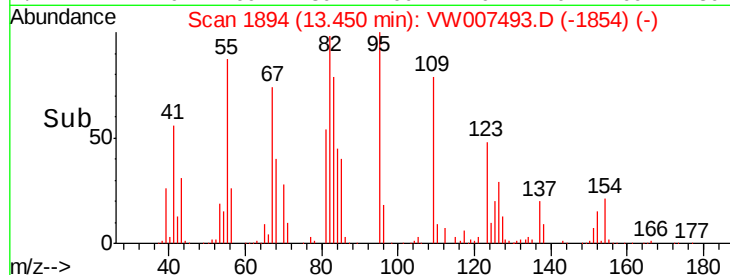
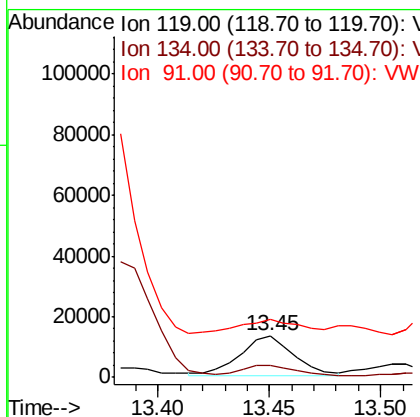
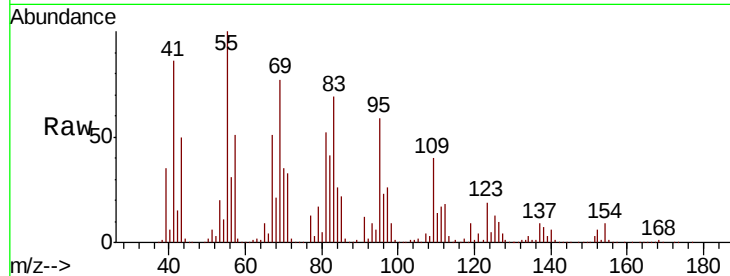




#86
p-Isopropyltoluene
Concen: 4.846 ug/l
RT: 13.45 min Scan# 1894
Delta R.T. -0.06 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

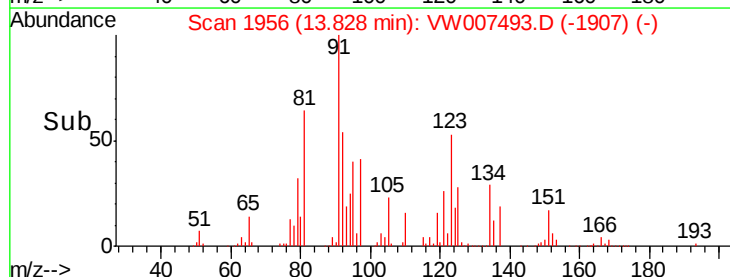
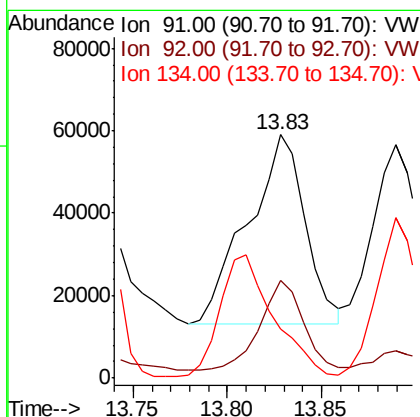
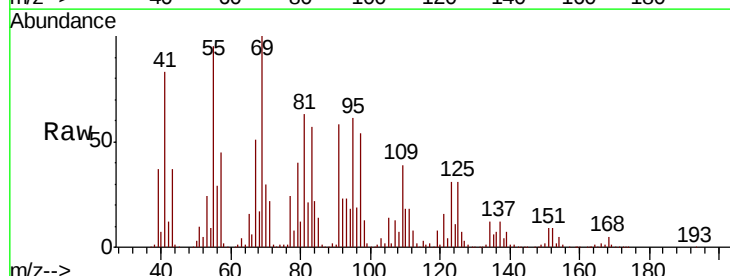
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1RE

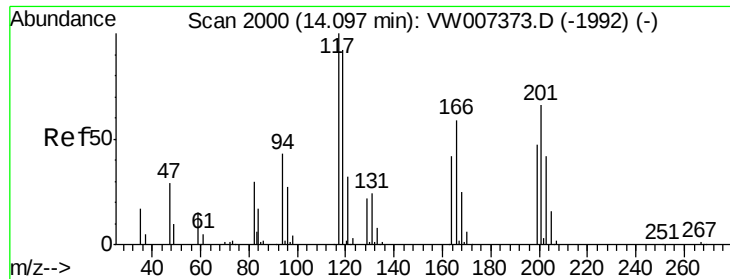
Tot Ion: 119 Resp: 21687
Ion Ratio Lower Upper
119 100
134 27.4 12.9 38.7
91 37.4 11.9 35.9#



#89
n-Butylbenzene
Concen: 23.354 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007493.D
Acq: 13 Dec 2018 17:20

Tgt Ion: 91 Resp: 96879
Ion Ratio Lower Upper
91 100
92 35.0 25.7 77.1
134 59.8 13.4 40.2#





#90

Hexachloroethane

Concen: 12.386 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

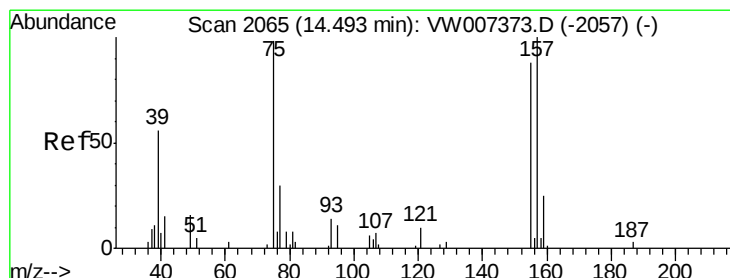
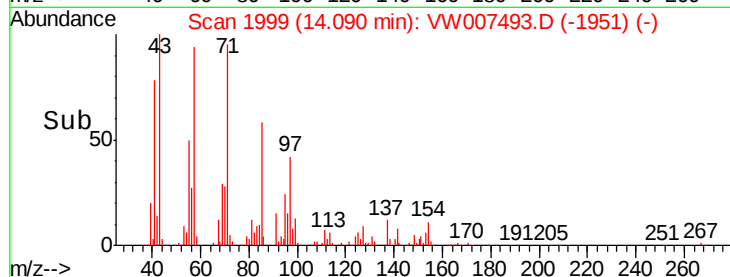
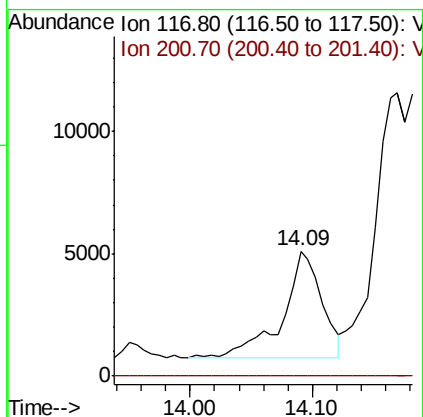
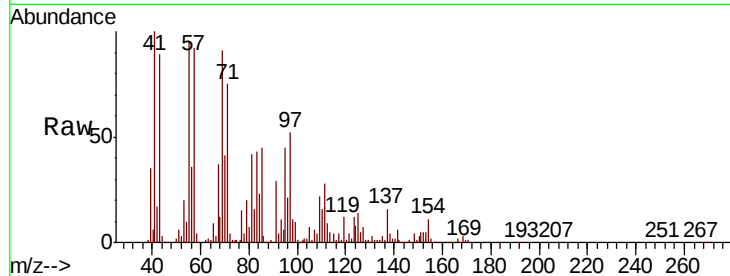
072-DUP-1RE

Tot Ion:117 Resp: 9862

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 36.728 ug/l

RT: 14.50 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW007493.D

Acq: 13 Dec 2018 17:20

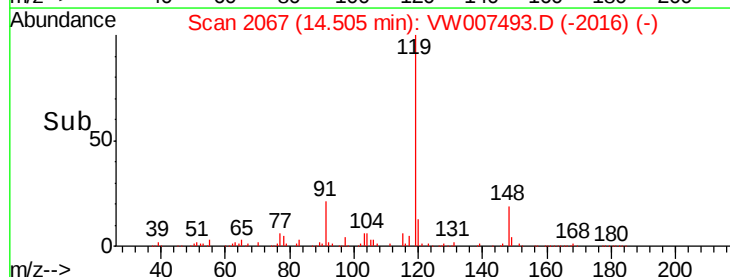
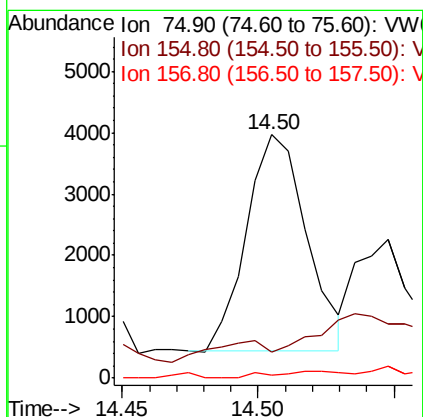
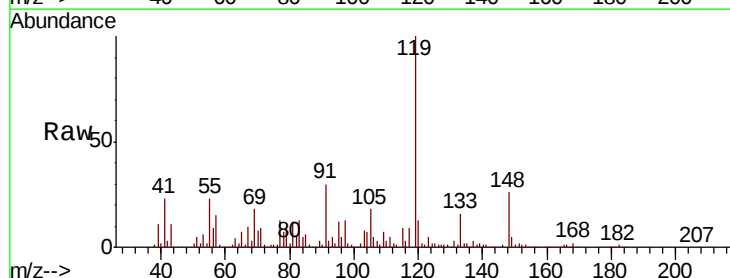
Tgt Ion: 75 Resp: 5380

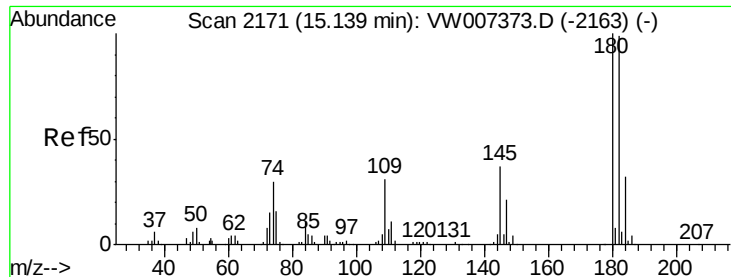
Ion Ratio Lower Upper

75 100

155 10.1 40.8 122.2#

157 0.0 51.1 153.4#

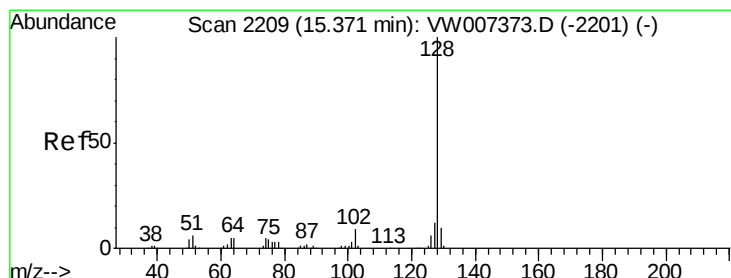
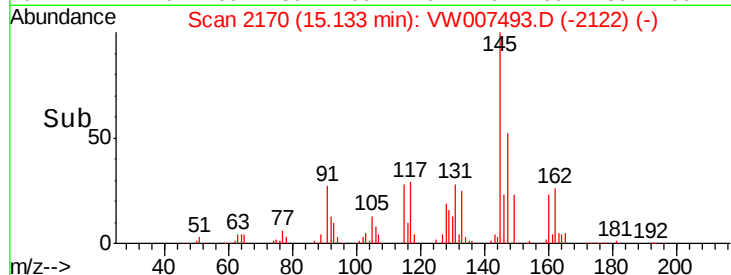
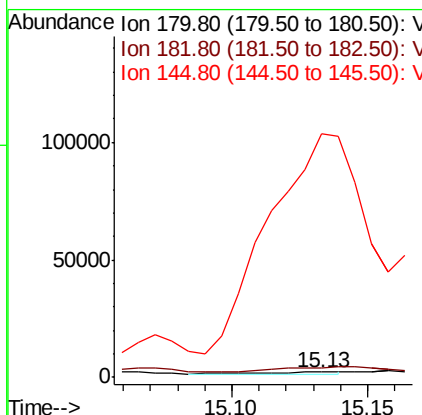
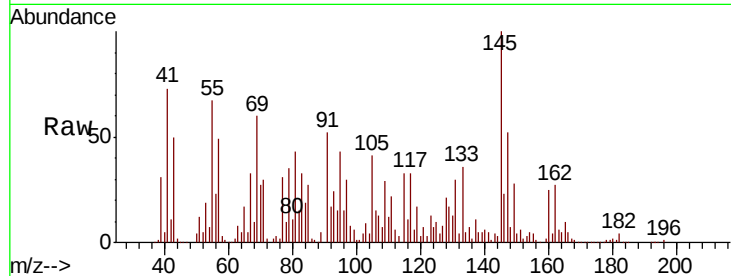




#93
 1,2,4-Trichlorobenzene
 Concen: 1.393 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

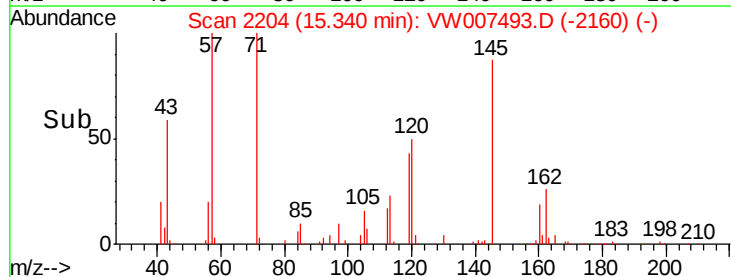
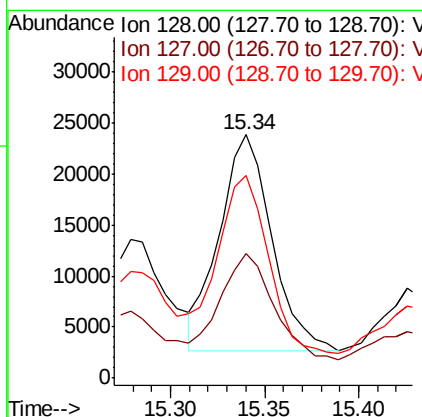
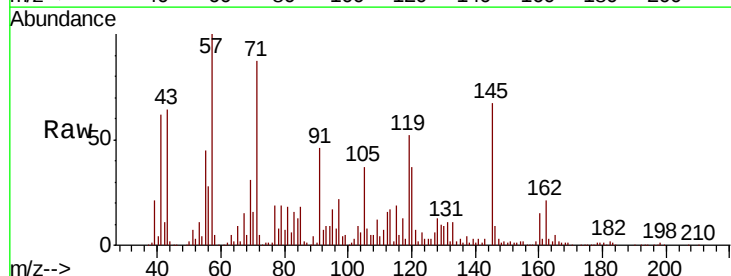
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1RE

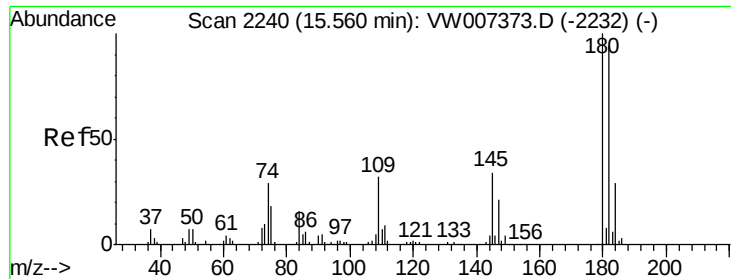
Tot Ion:180 Resp: 1870
 Ion Ratio Lower Upper
 180 100
 182 376.5 49.9 149.6#
 145 14069.9 17.8 53.4#



#95
 Naphthalene
 Concen: 15.909 ug/l
 RT: 15.34 min Scan# 2204
 Delta R.T. -0.03 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

Tgt Ion:128 Resp: 40858
 Ion Ratio Lower Upper
 128 100
 127 50.4 10.2 15.4#
 129 79.7 8.3 12.5#

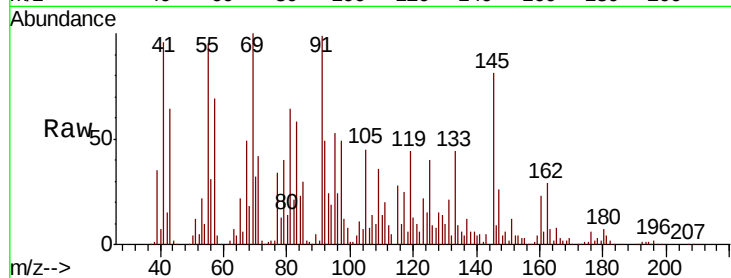




#96
 1,2,3-Trichlorobenzene
 Concen: 2.241 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW007493.D
 Acq: 13 Dec 2018 17:20

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	36.8	45.6	136.7#
145	0.0	17.5	52.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

