

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007479.D
 Acq On : 13 Dec 2018 11:17
 Operator : SY/AP
 Sample : J6319-10
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2

Quant Time: Dec 13 12:49:56 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

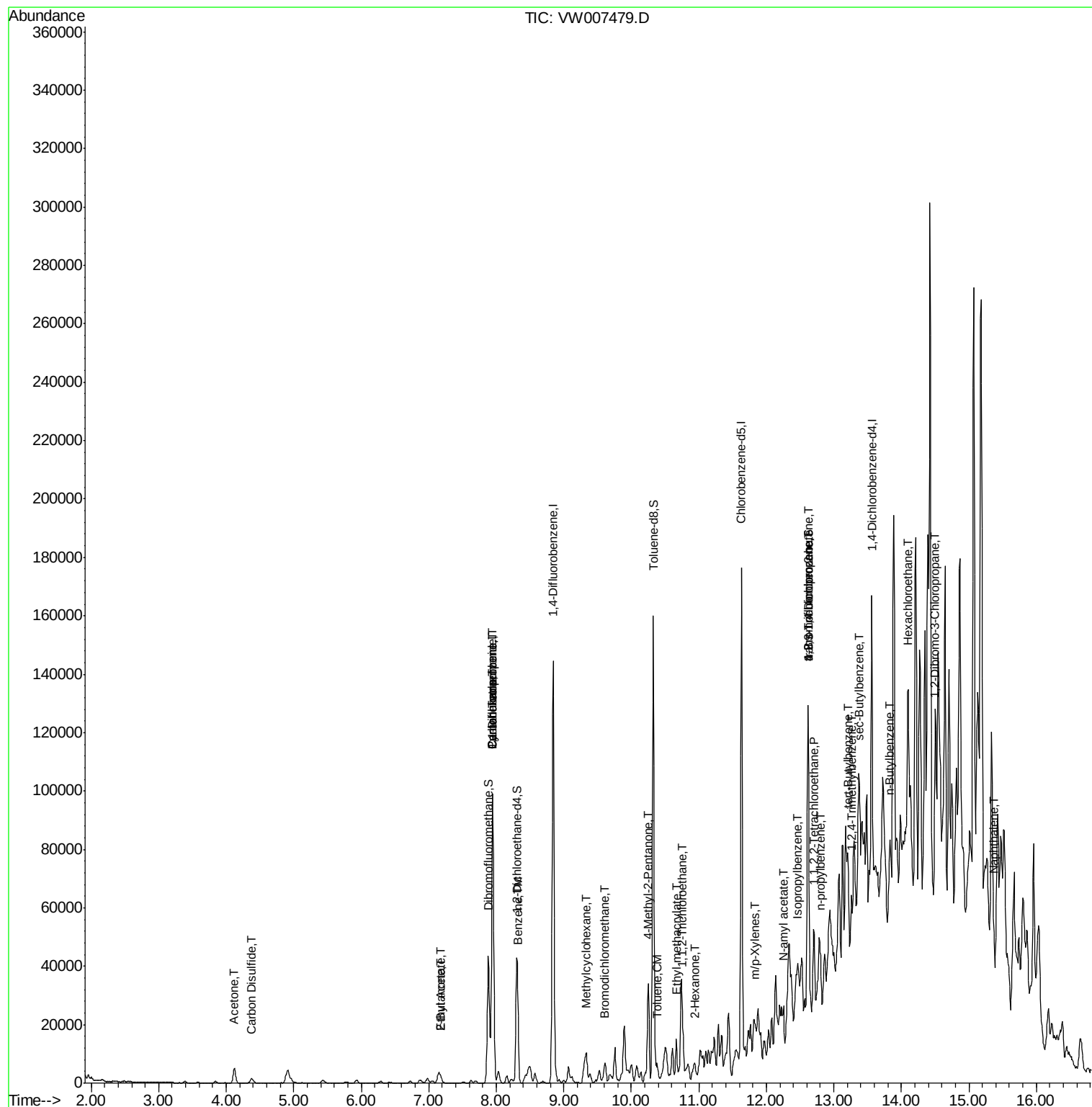
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33419	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
35) Dibromofluoromethane	7.88	113	31816	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
50) Toluene-d8	10.32	98	102624	38.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.34%	
62) 4-Bromofluorobenzene	12.62	95	36266	36.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.36%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	8830	64.778	ug/l	92
17) Carbon Disulfide	4.37	76	3610	1.725	ug/l	97
25) 2-Butanone	7.18	43	3093	17.381	ug/l	94
31) Cyclohexane	7.95	56	3344	2.758	ug/l #	54
36) 1,1-Dichloropropene	7.95	75	5516	5.104	ug/l #	48
37) Ethyl Acetate	7.18	43	3093	7.695	ug/l #	66
38) Carbon Tetrachloride	7.95	117	7271	6.184	ug/l #	19
39) Methylcyclohexane	9.34	83	3312	2.531	ug/l	96
40) Benzene	8.32	78	3972	1.324	ug/l	99
47) Bromodichloromethane	9.62	83	2131	2.061	ug/l #	28
51) 4-Methyl-2-Pentanone	10.25	43	1884	5.022	ug/l #	55
52) Toluene	10.38	92	2334	1.203	ug/l	94
55) 1,1,2-Trichloroethane	10.76	97	4038	7.528	ug/l #	25
56) Ethyl methacrylate	10.66	69	1314	2.038	ug/l #	23
59) 2-Hexanone	10.94	43	2098	8.387	ug/l #	24
68) m/p-Xylenes	11.84	106	3640	2.903	ug/l	99
73) Isopropylbenzene	12.47	105	9013	3.518	ug/l	98
74) N-amyl acetate	12.26	43	3321	7.133	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.70	83	1843	4.857	ug/l #	89
76) 1,2,3-Trichloropropane	12.62	75	15682	56.885	ug/l #	1
78) n-propylbenzene	12.81	91	9176	3.183	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.62	75	15682	125.658	ug/l #	9
83) tert-Butylbenzene	13.21	119	5620	2.963	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	4929	2.225	ug/l	98
85) sec-Butylbenzene	13.38	105	15746	6.081	ug/l #	1
89) n-Butylbenzene	13.83	91	5580	2.588	ug/l	91
90) Hexachloroethane	14.10	117	3828	9.249	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.49	75	394	5.174	ug/l #	3
95) Naphthalene	15.37	128	2161	1.619	ug/l #	70

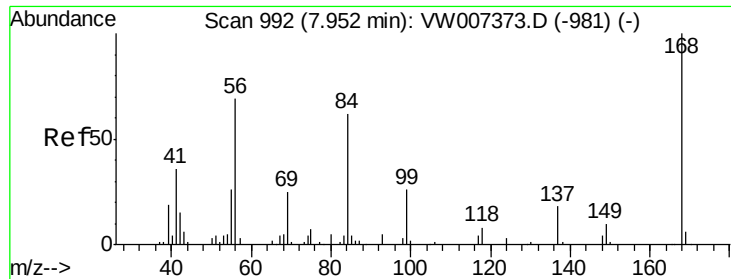
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

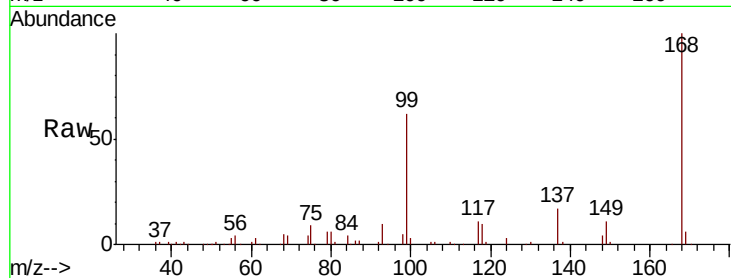
064_SW-E-2

Tot Ion:168 Resp: 70342

Ion Ratio Lower Upper

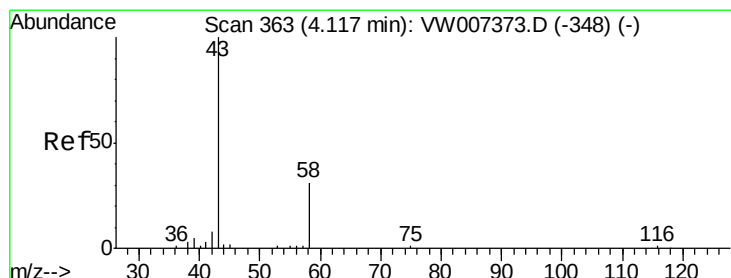
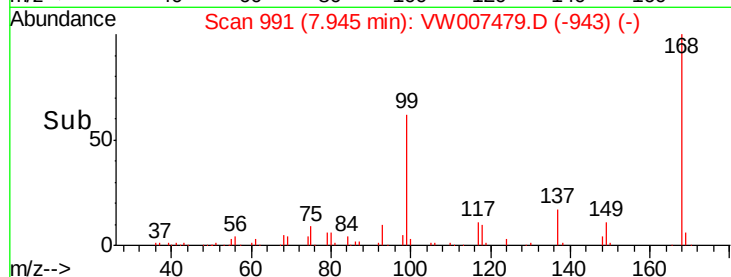
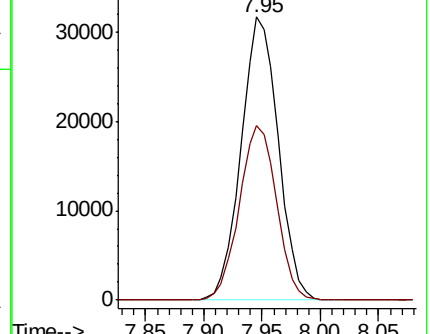
168 100

99 61.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 64.778 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007479.D

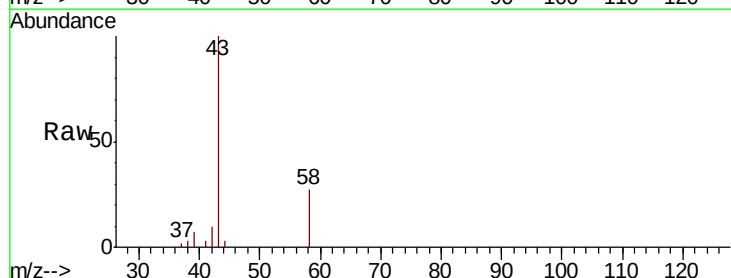
Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 8830

Ion Ratio Lower Upper

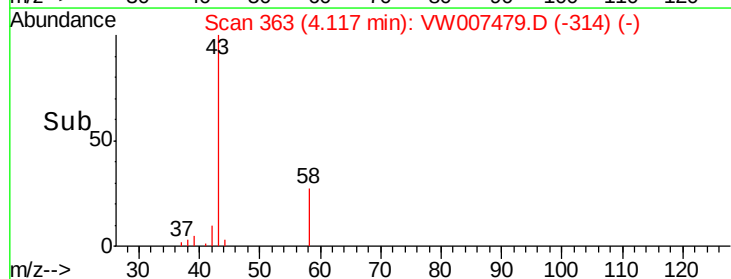
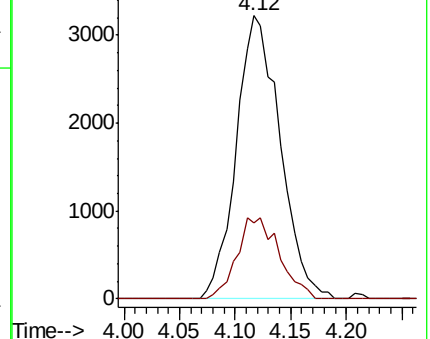
43 100

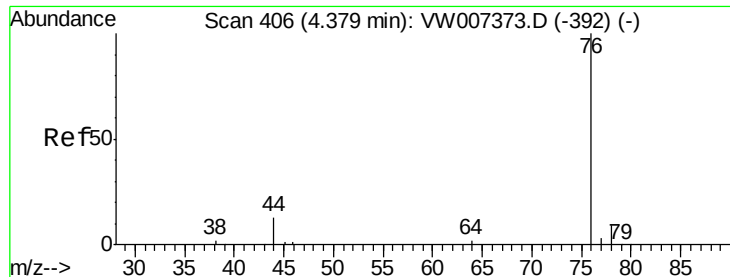
58 26.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.725 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampled :

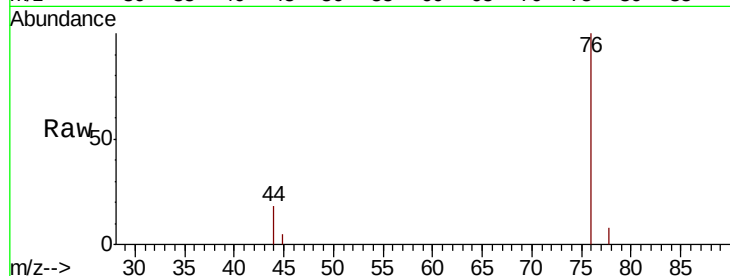
064_SW-E-2

Tot Ion: 76 Resp: 3610

Ion Ratio Lower Upper

76 100

78 7.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

1200

1000

800

600

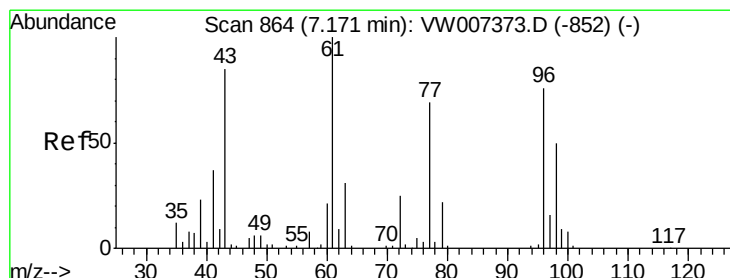
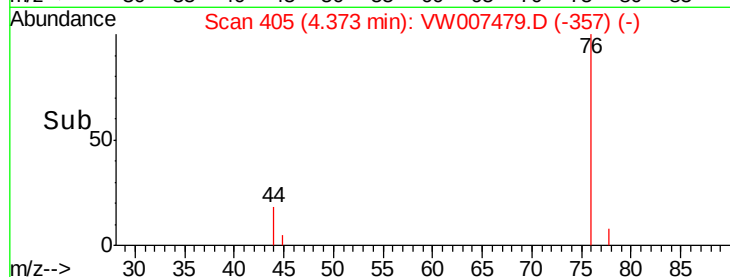
400

200

0

Time-->

4.30 4.35 4.40 4.45



#25

2-Butanone

Concen: 17.381 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007479.D

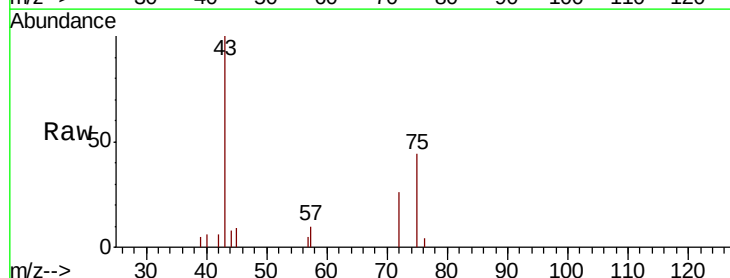
Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

43 100

72 25.9 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

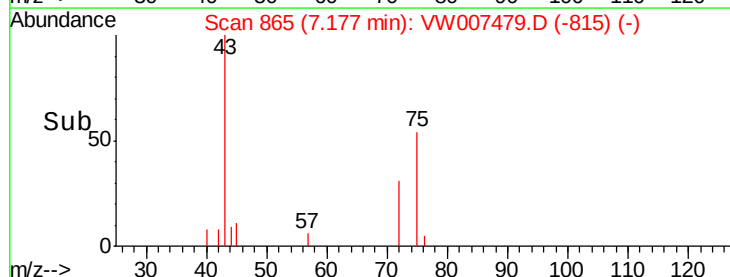
1000

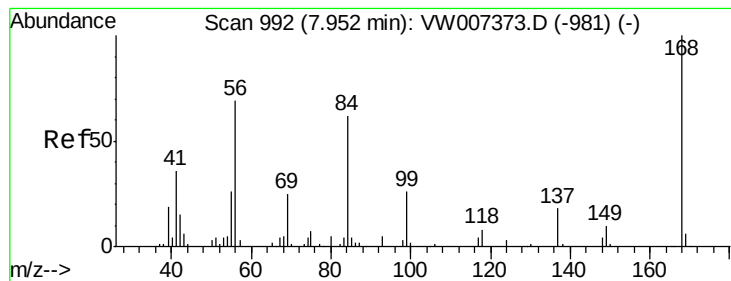
500

0

Time-->

7.10 7.20 7.30





#31

Cyclohexane

Concen: 2.758 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

064_SW-E-2

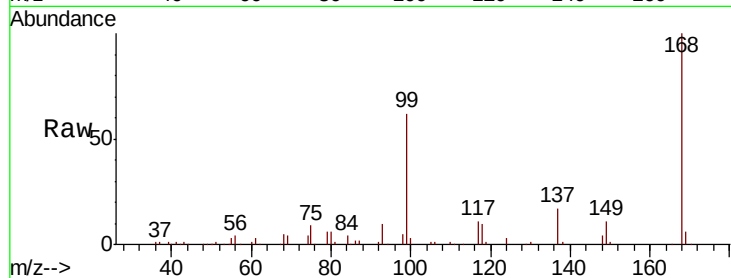
Tot Ion: 56 Resp: 3344

Ion Ratio Lower Upper

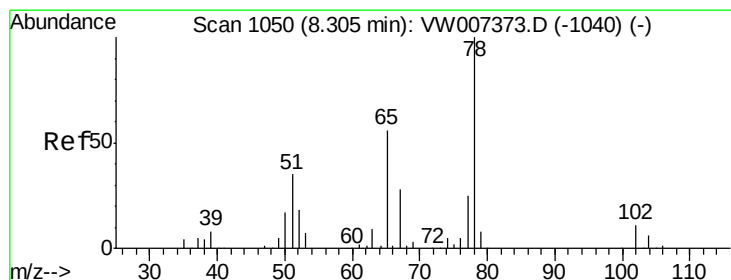
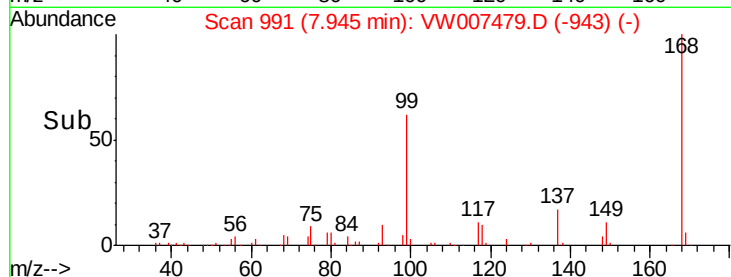
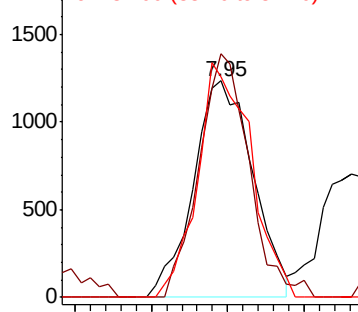
56 100

69 112.4 28.9 43.3#

84 101.7 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 42.824 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007479.D

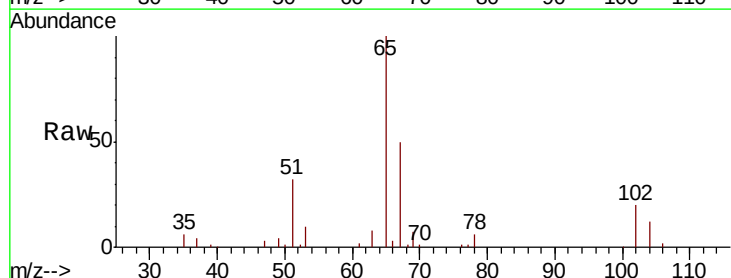
Acq: 13 Dec 2018 11:17

Tgt Ion: 65 Resp: 33419

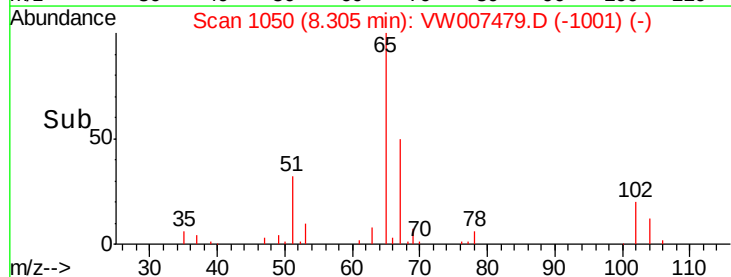
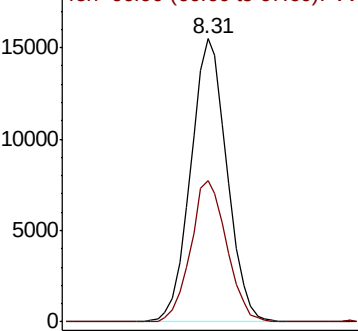
Ion Ratio Lower Upper

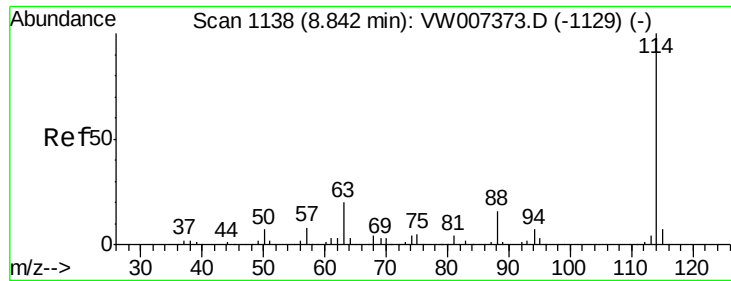
65 100

67 49.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

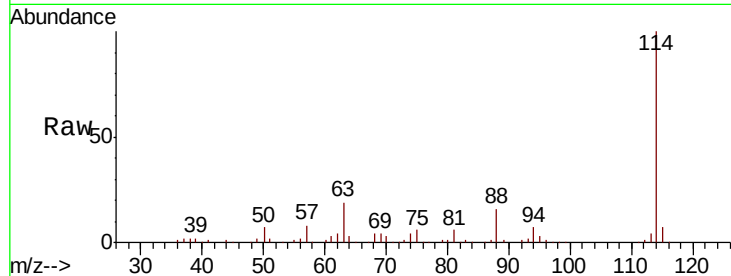




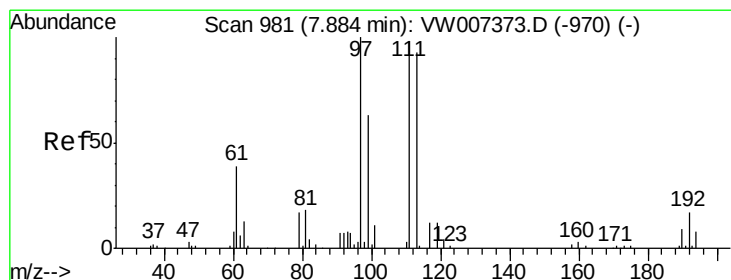
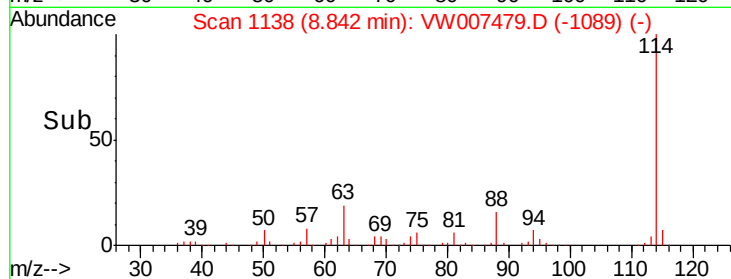
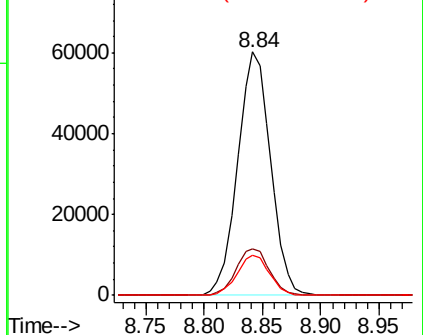
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 064_SW-E-2

Tot Ion:114 Resp: 118464
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 16.3 0.0 31.4

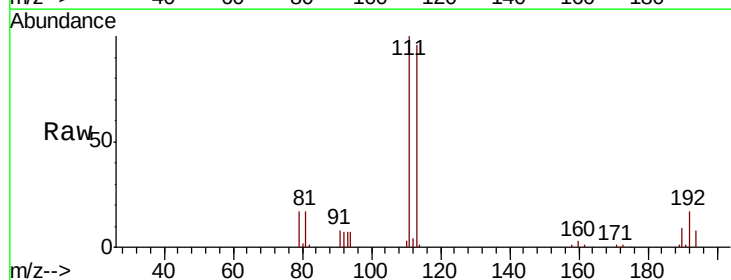


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

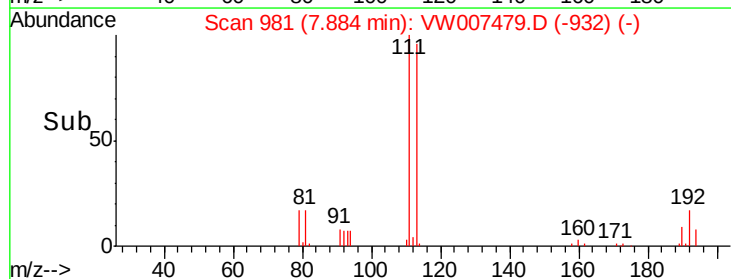
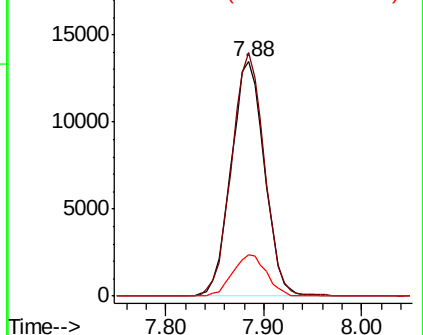


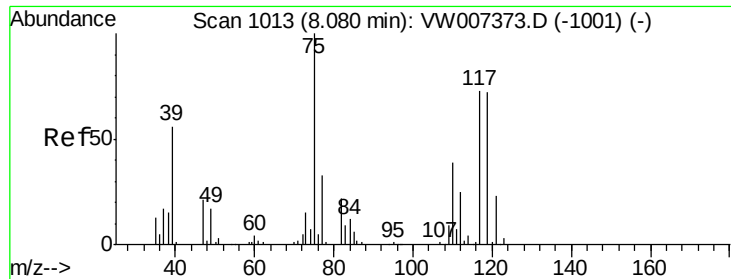
#35
 Dibromofluoromethane
 Concen: 44.367 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

Tgt Ion:113 Resp: 31816
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 17.8 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: 5.104 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

064_SW-E-2

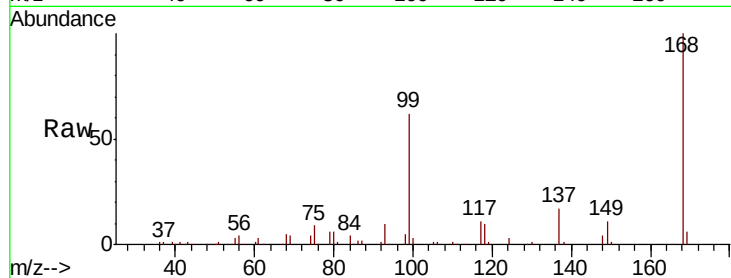
Tot Ion: 75 Resp: 5516

Ion Ratio Lower Upper

75 100

110 9.2 18.5 55.5#

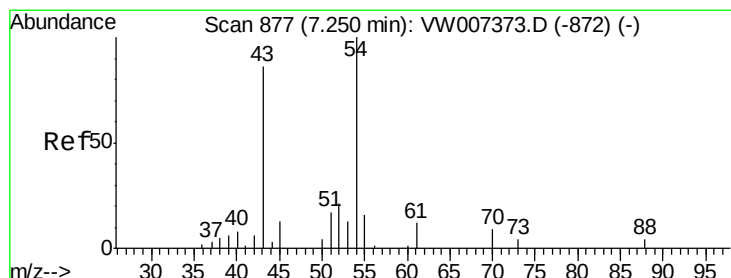
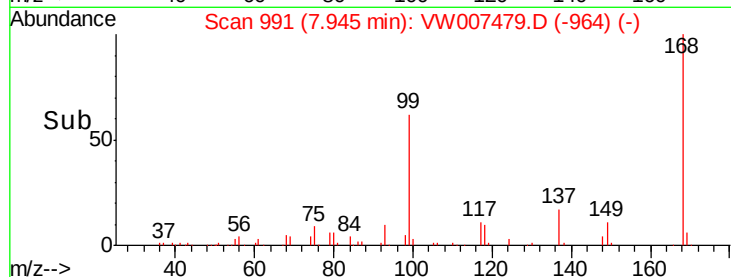
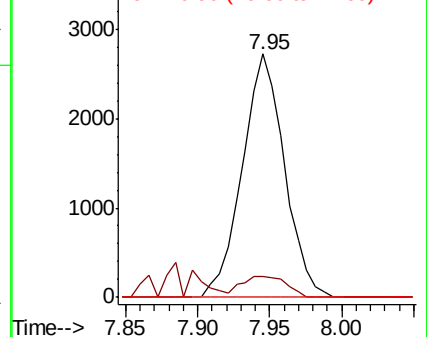
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 7.695 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

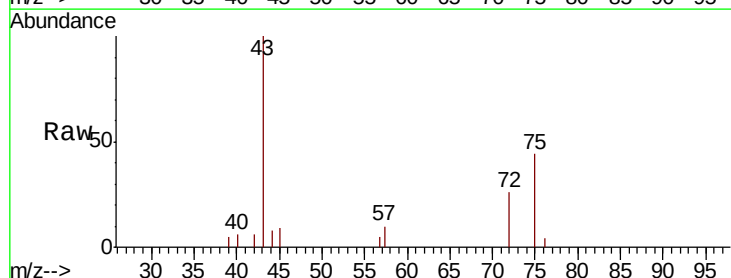
Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

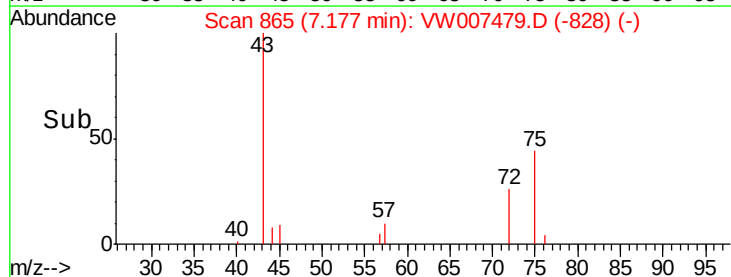
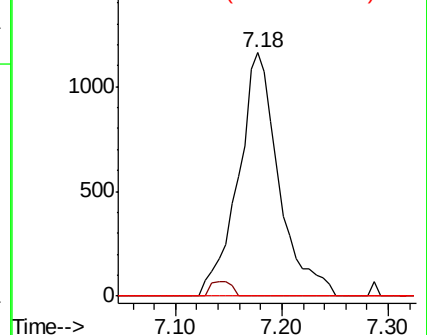
70 0.0 10.0 15.0#

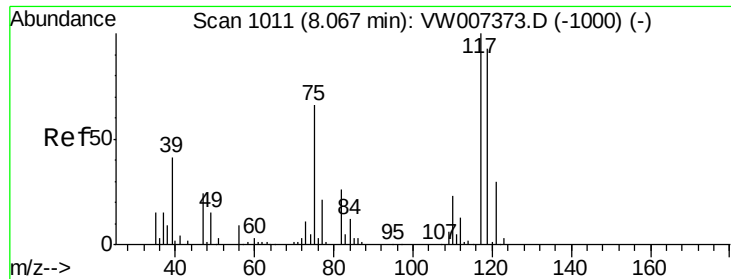


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

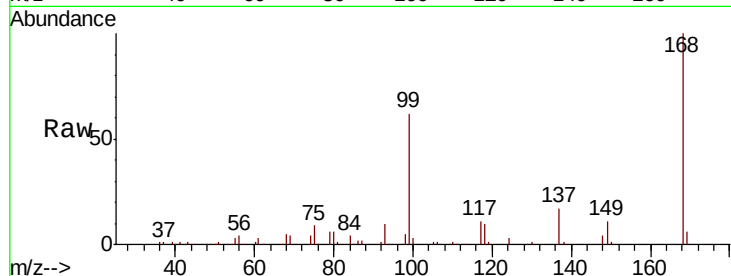




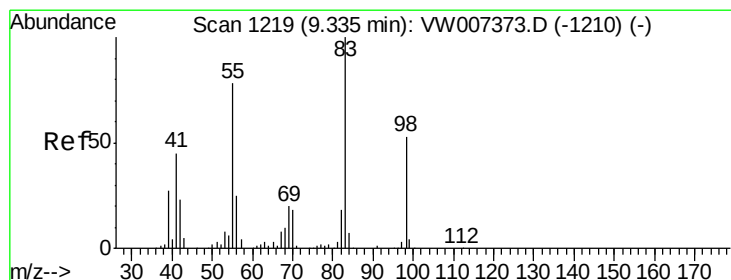
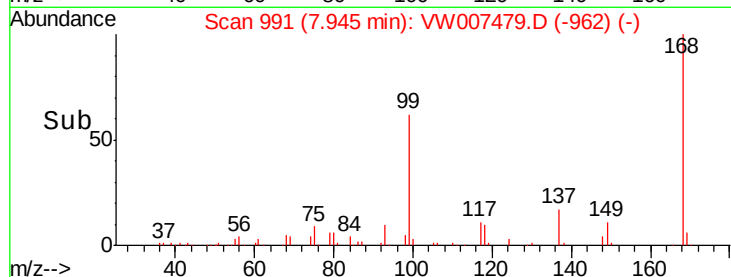
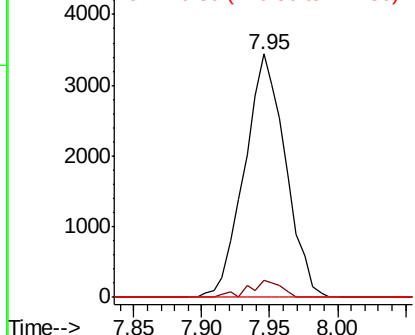
#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Instrument :
MSVOA_W
ClientSampleId :
064_SW-E-2

Tot Ion:117 Resp: 7271
Ion Ratio Lower Upper
117 100
119 7.1 74.3 111.5#
121 0.0 24.3 36.5#

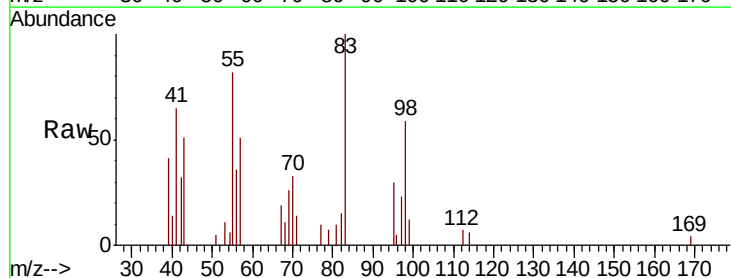


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

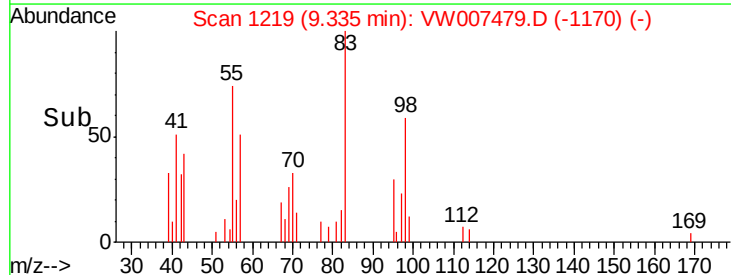
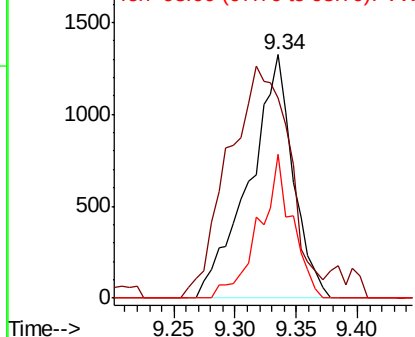


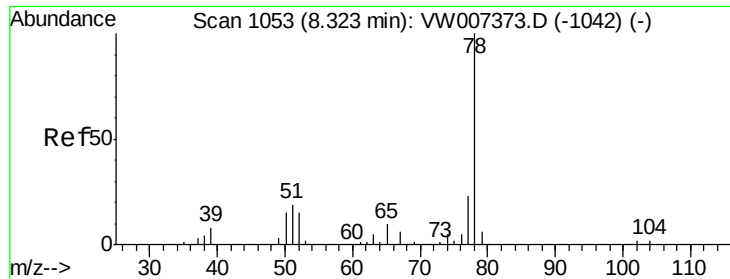
#39
Methylcyclohexane
Concen: 2.531 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Tgt Ion: 83 Resp: 3312
Ion Ratio Lower Upper
83 100
55 77.9 62.8 94.2
98 59.2 42.2 63.2



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 1.324 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampled :

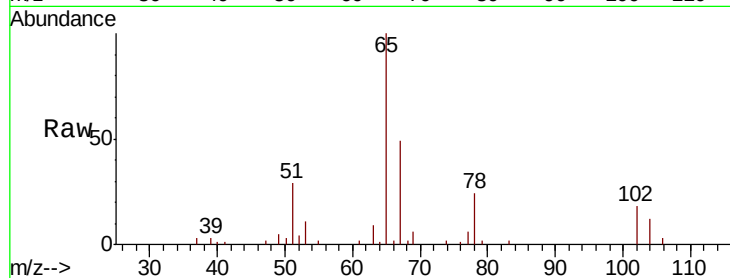
064_SW-E-2

Tot Ion: 78 Resp: 3972

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

8.32

2000

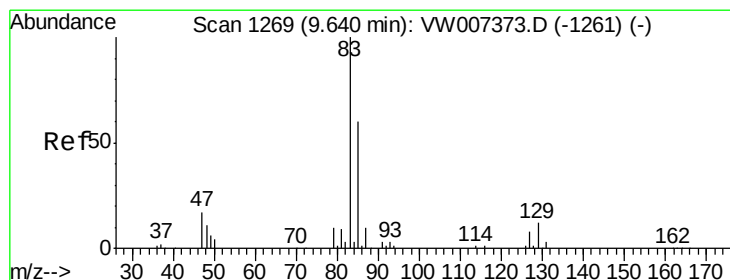
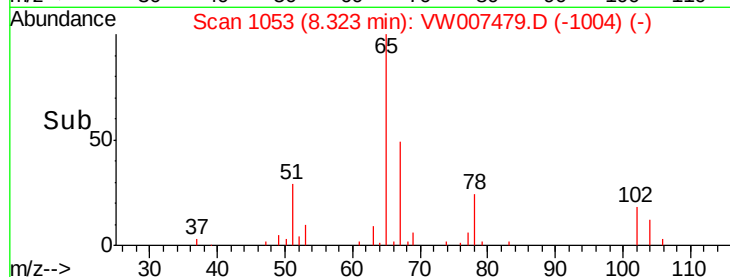
1500

1000

500

0

Time-->



#47

Bromodichloromethane

Concen: 2.061 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

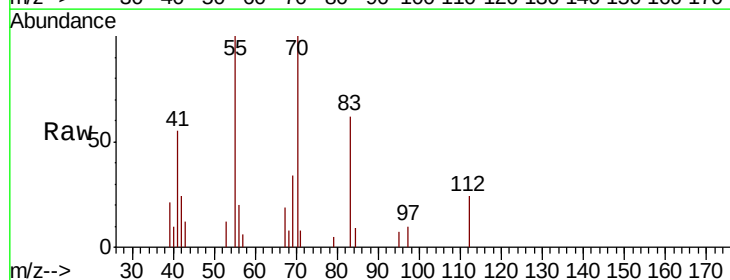
Tgt Ion: 83 Resp: 2131

Ion Ratio Lower Upper

83 100

85 0.0 47.6 71.4#

127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

9.62

1000

800

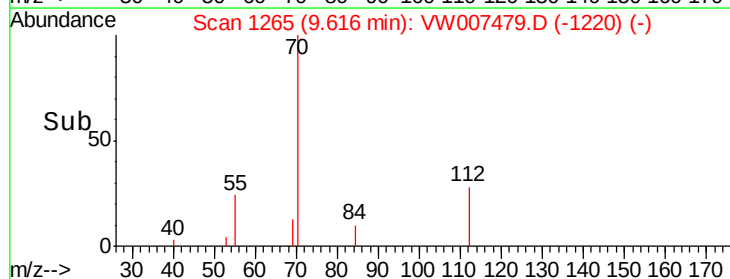
600

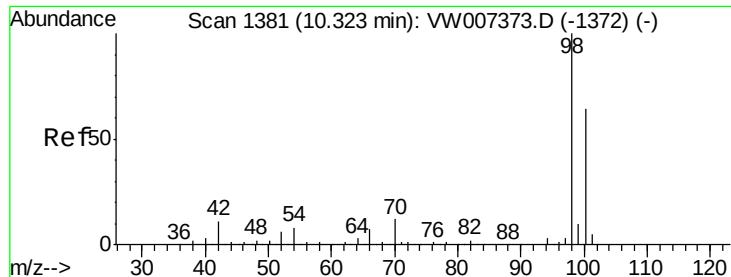
400

200

0

Time-->





#50

Toluene-d8

Concen: 38.168 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

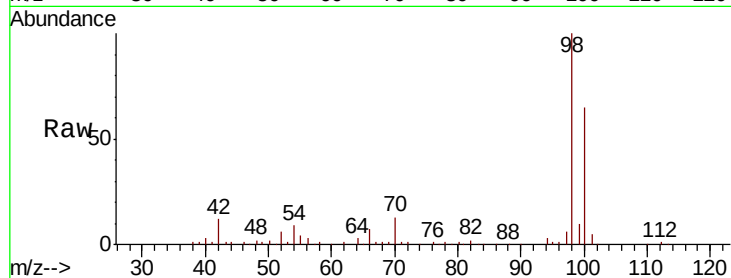
064_SW-E-2

Tot Ion: 98 Resp: 102624

Ion Ratio Lower Upper

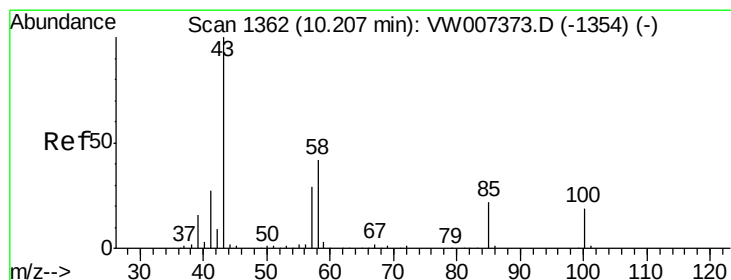
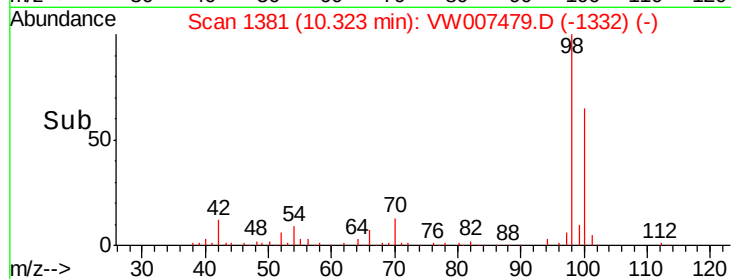
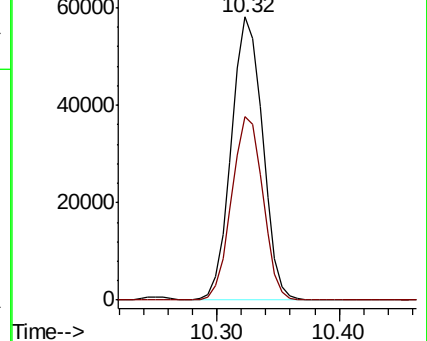
98 100

100 64.9 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: 5.022 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW007479.D

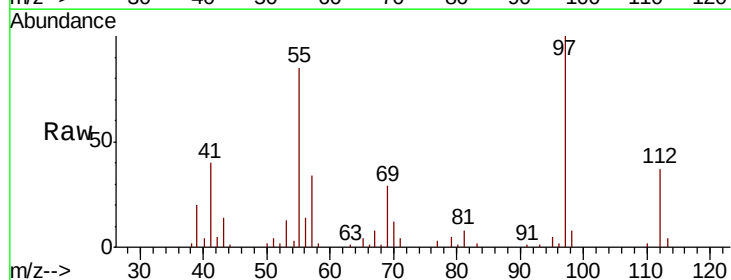
Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 1884

Ion Ratio Lower Upper

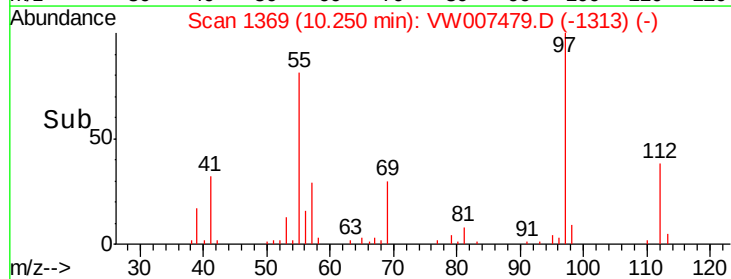
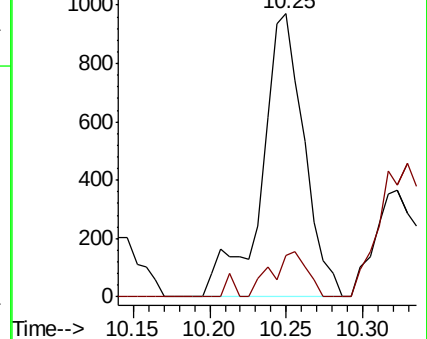
43 100

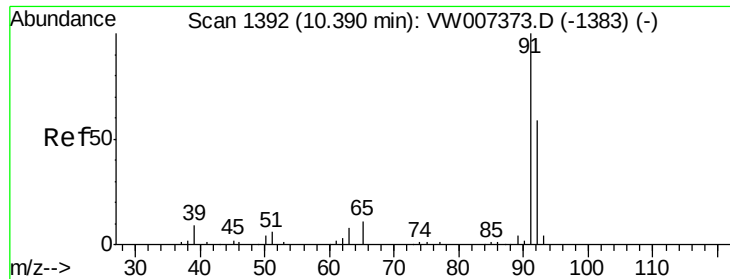
58 13.2 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1.203 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

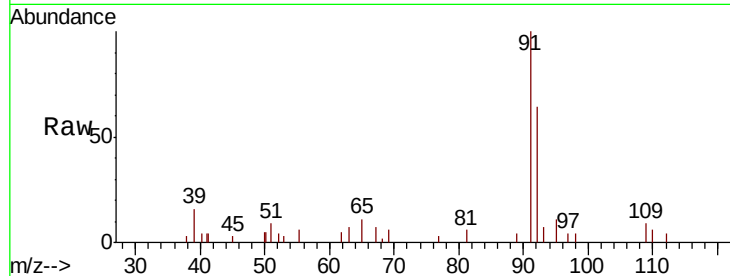
064_SW-E-2

Tot Ion: 92 Resp: 2334

Ion Ratio Lower Upper

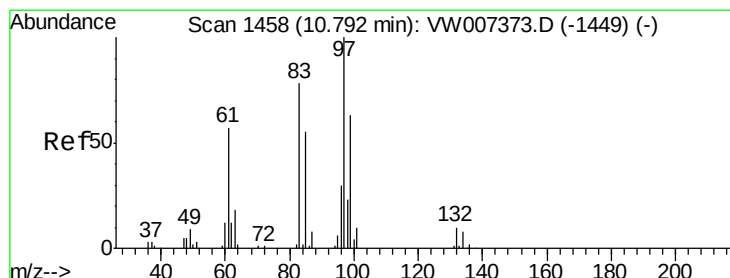
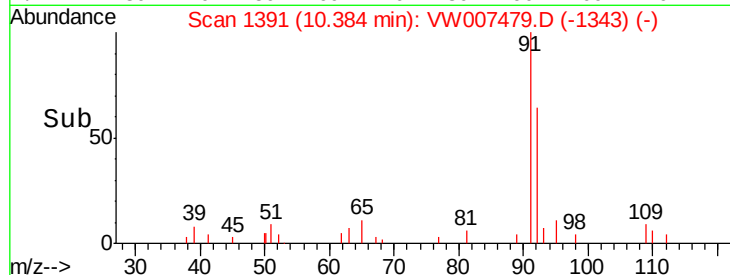
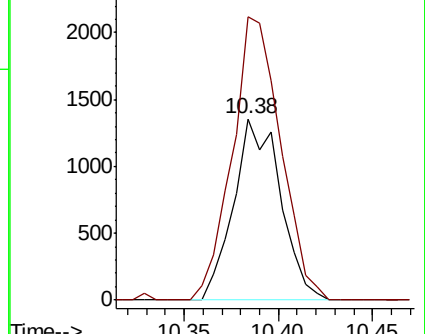
92 100

91 161.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#55

1,1,2-Trichloroethane

Concen: 7.528 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Tgt Ion: 97 Resp: 4038

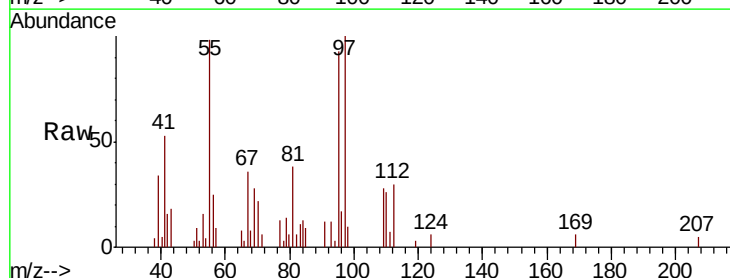
Ion Ratio Lower Upper

97 100

83 11.0 62.1 93.1#

85 8.9 44.2 66.4#

99 0.0 50.2 75.4#

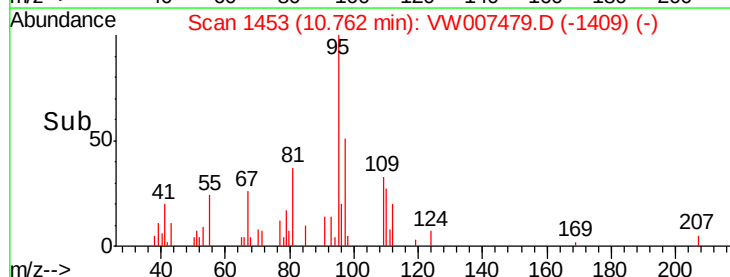
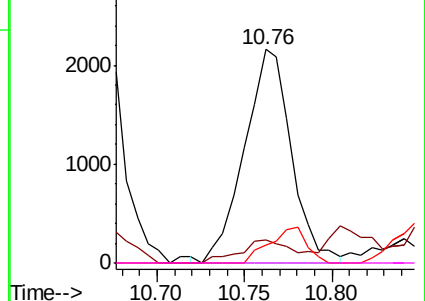


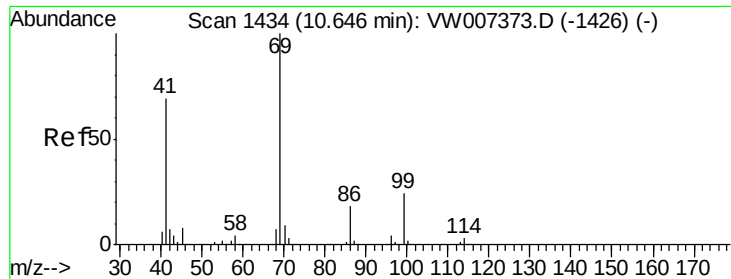
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

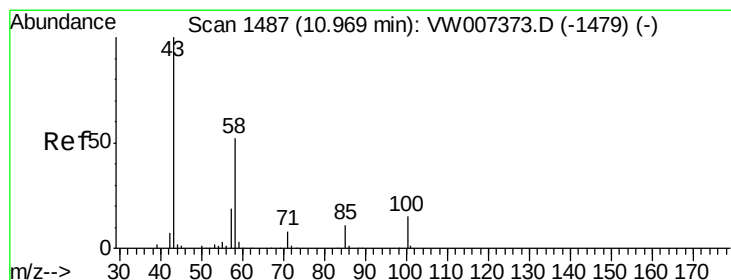
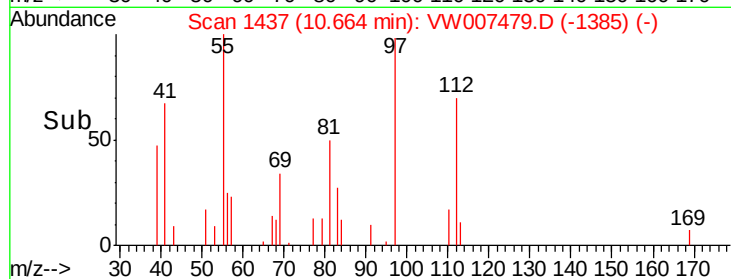
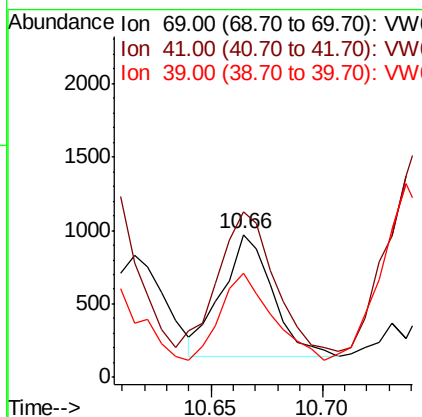
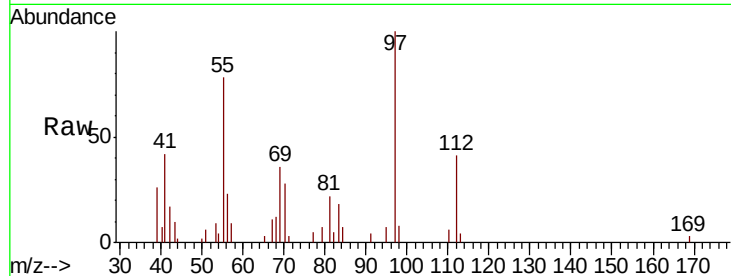




#56
Ethyl methacrylate
Concen: 2.038 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

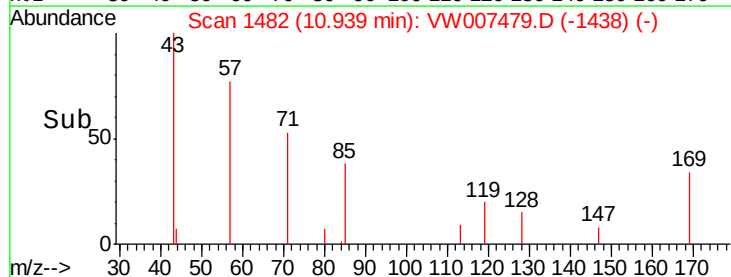
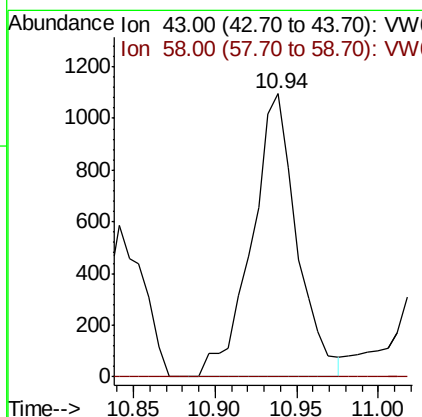
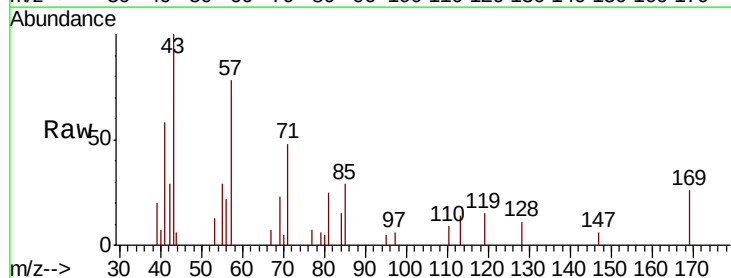
Instrument :
MSVOA_W
ClientSampled :
064_SW-E-2

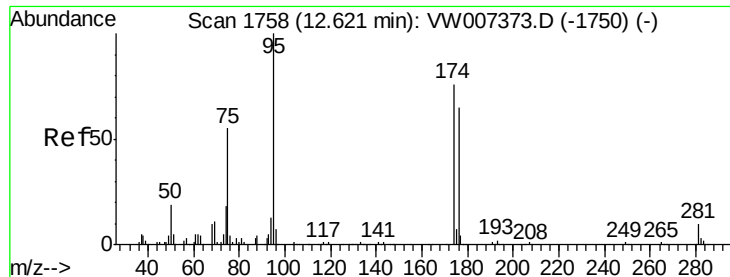
Tot Ion: 69 Resp: 1314
Ion Ratio Lower Upper
69 100
41 124.1 51.0 76.6#
39 85.8 30.8 46.2#



#59
2-Hexanone
Concen: 8.387 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#





#62

4-Bromofluorobenzene

Concen: 36.685 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

064_SW-E-2

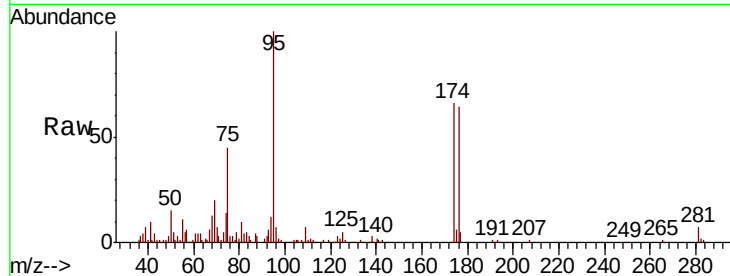
Tot Ion: 95 Resp: 36266

Ion Ratio Lower Upper

95 100

174 64.4 0.0 147.2

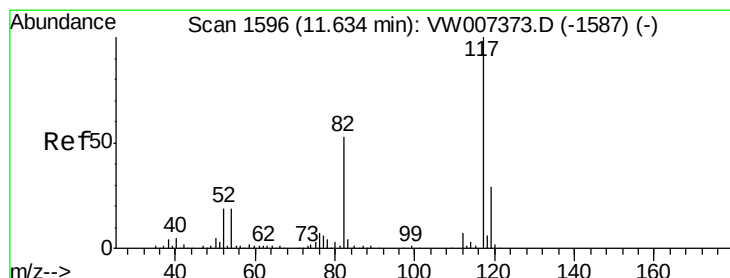
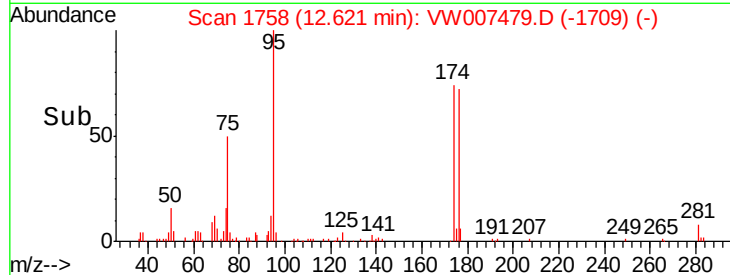
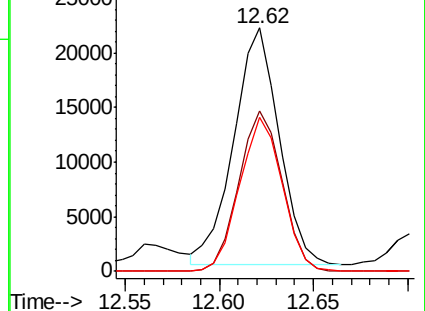
176 61.1 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

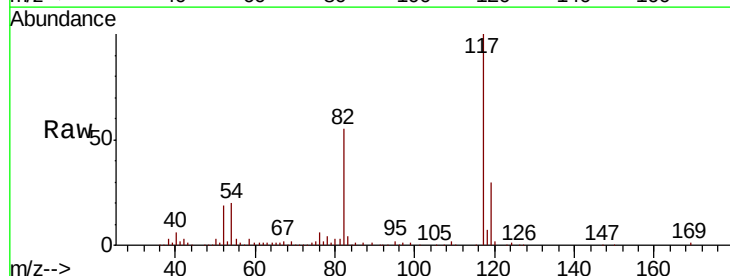
Tgt Ion: 117 Resp: 89994

Ion Ratio Lower Upper

117 100

82 54.3 42.3 63.5

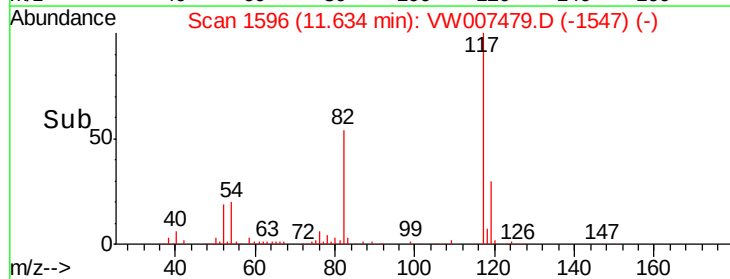
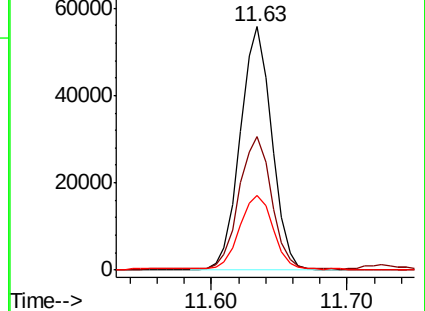
119 30.0 23.0 34.6

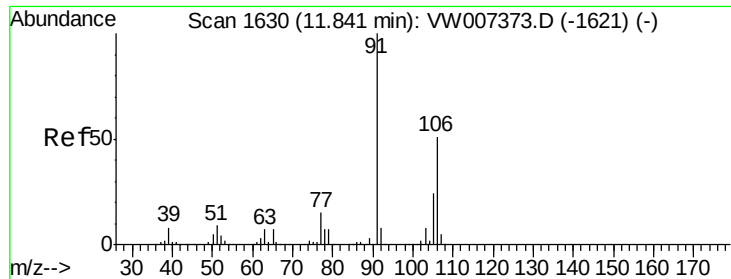


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

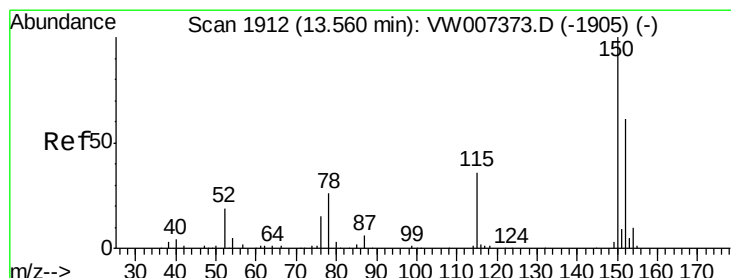
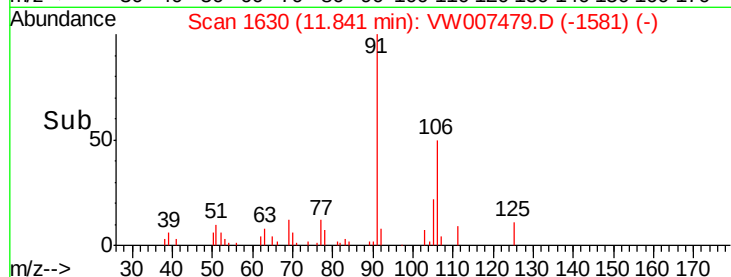
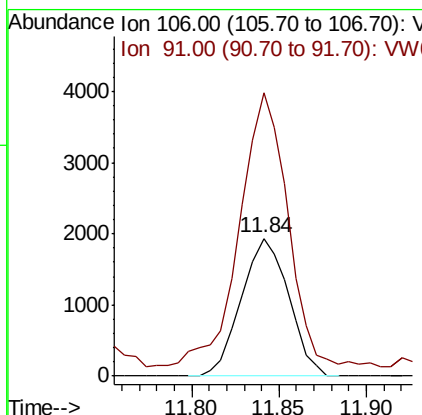
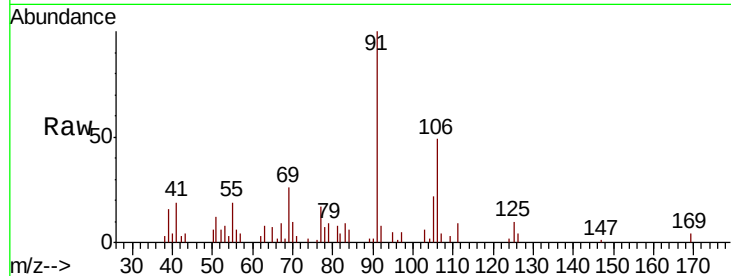




#68
m/p-Xylenes
Concen: 2.903 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

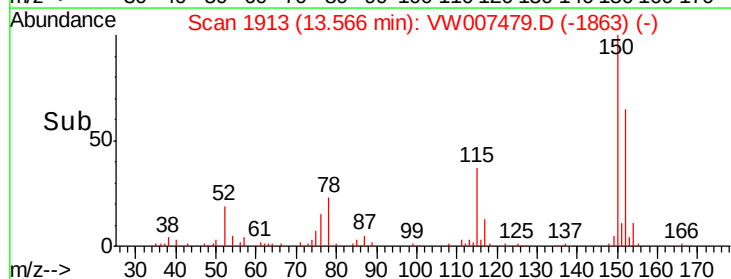
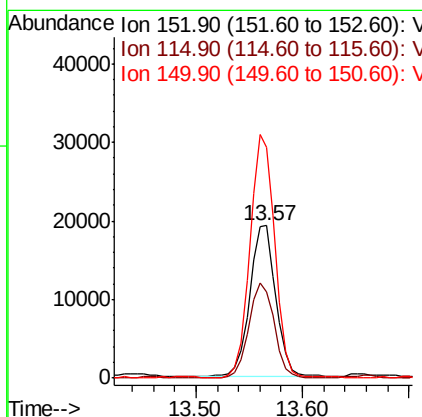
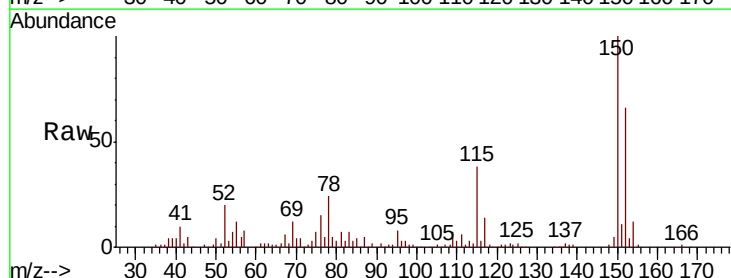
Instrument :
MSVOA_W
ClientSampleId :
064_SW-E-2

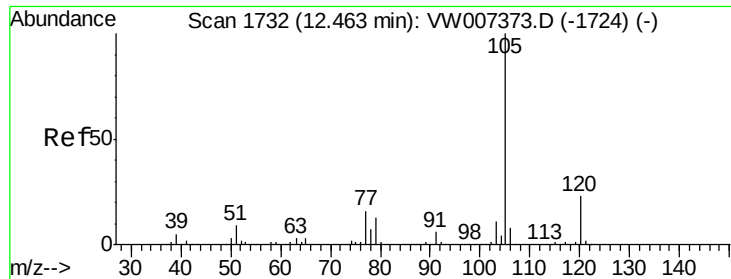
Tot Ion:106 Resp: 3640
Ion Ratio Lower Upper
106 100
91 204.6 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Tgt Ion:152 Resp: 33435
Ion Ratio Lower Upper
152 100
115 61.3 31.4 94.2
150 150.7 0.0 358.4





#73

Isopropylbenzene

Concen: 3.518 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

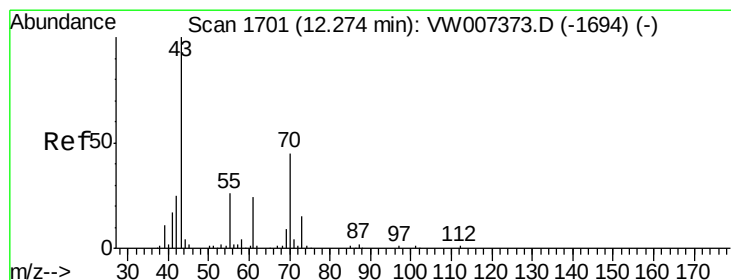
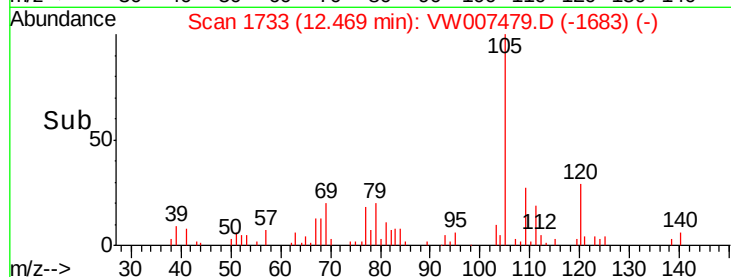
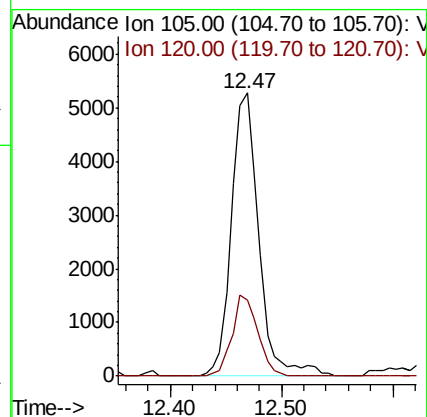
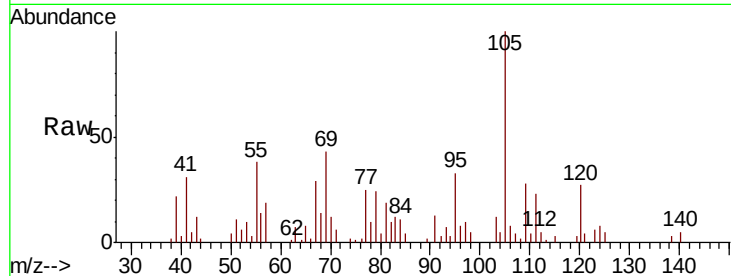
064_SW-E-2

Tot Ion: 105 Resp: 9013

Ion Ratio Lower Upper

105 100

120 26.8 12.8 38.4



#74

N-ethyl acetate

Concen: 7.133 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Tgt Ion: 43 Resp: 3321

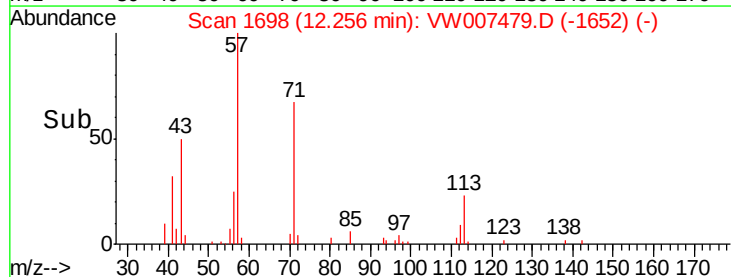
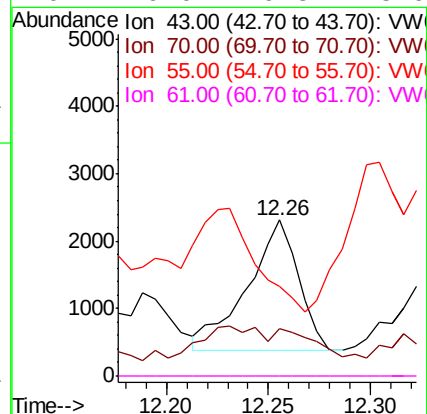
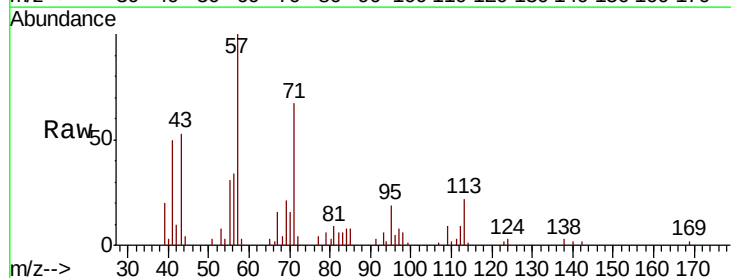
Ion Ratio Lower Upper

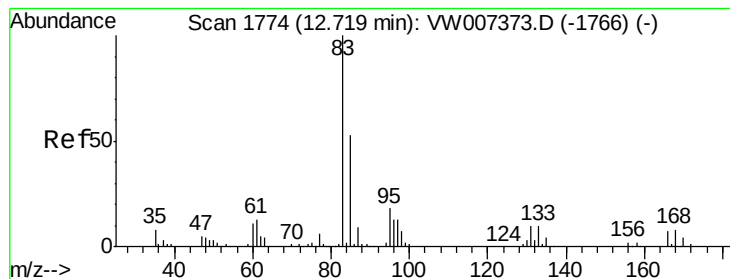
43 100

70 0.0 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: 4.857 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampled :

064_SW-E-2

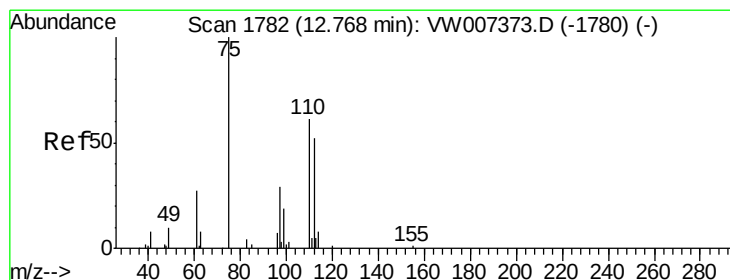
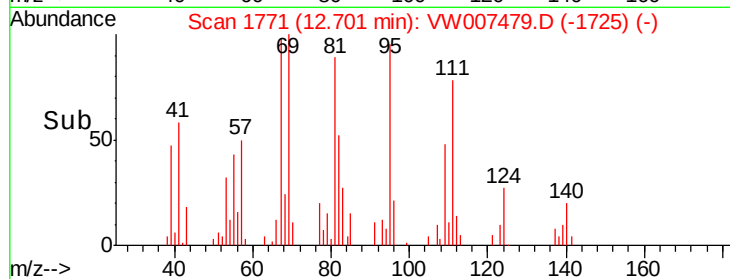
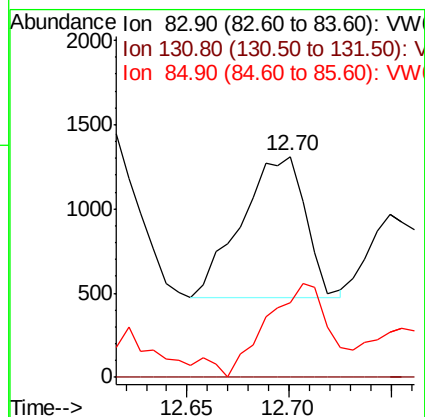
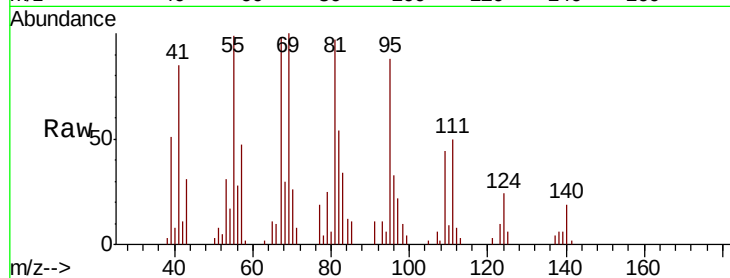
Tot Ion: 83 Resp: 1843

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

85 65.1 30.0 90.0



#76

1,2,3-Trichloropropane

Concen: 56.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007479.D

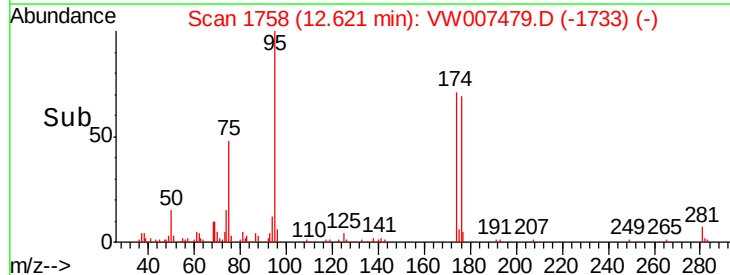
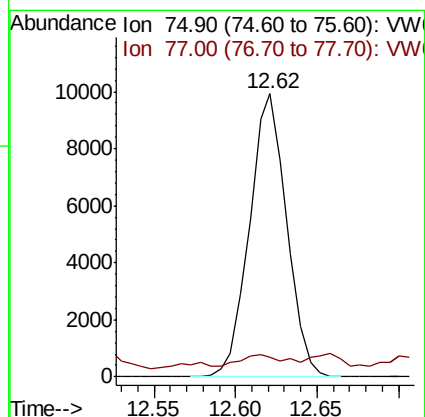
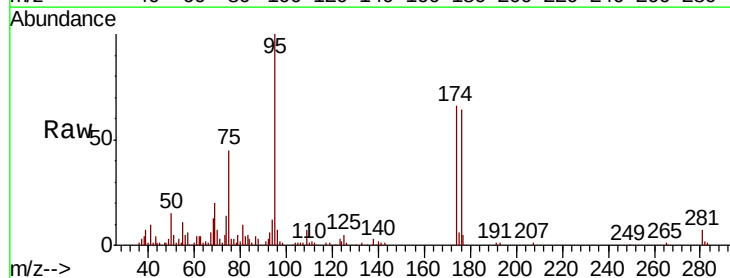
Acq: 13 Dec 2018 11:17

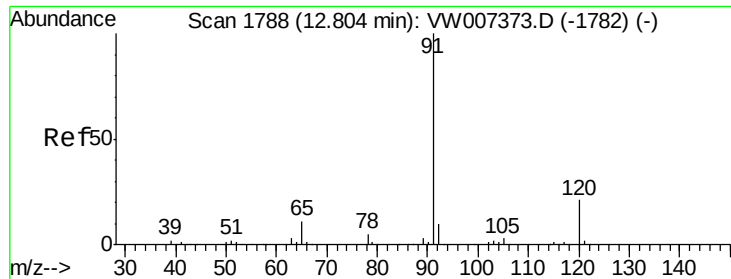
Tgt Ion: 75 Resp: 15682

Ion Ratio Lower Upper

75 100

77 5.1 166.9 500.8#





#78

n-propylbenzene

Concen: 3.183 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

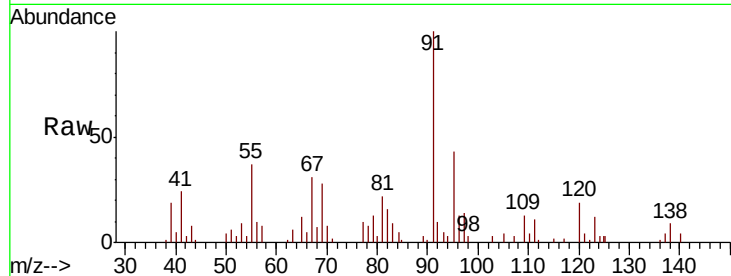
064_SW-E-2

Tot Ion: 91 Resp: 9176

Ion Ratio Lower Upper

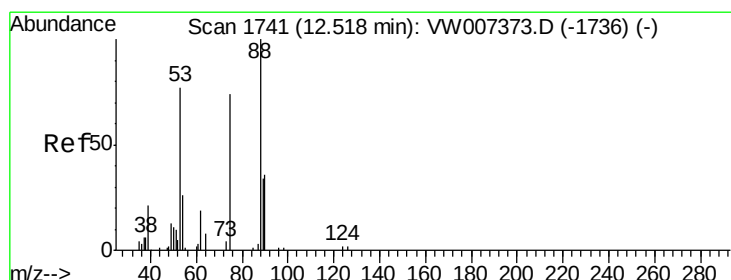
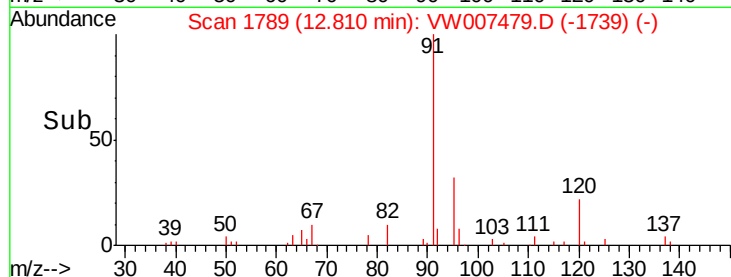
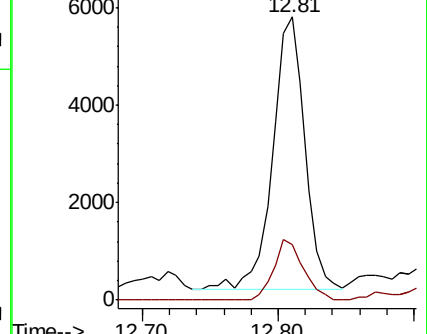
91 100

120 20.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 125.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

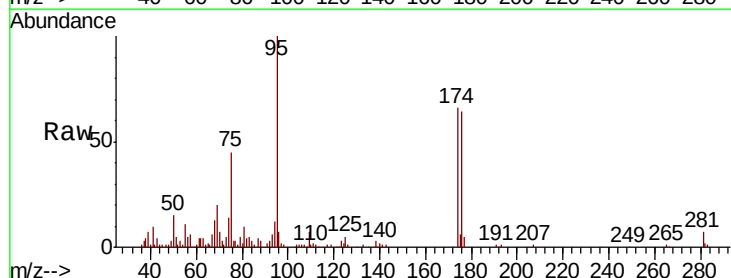
Tgt Ion: 75 Resp: 15682

Ion Ratio Lower Upper

75 100

53 2.3 84.9 127.3#

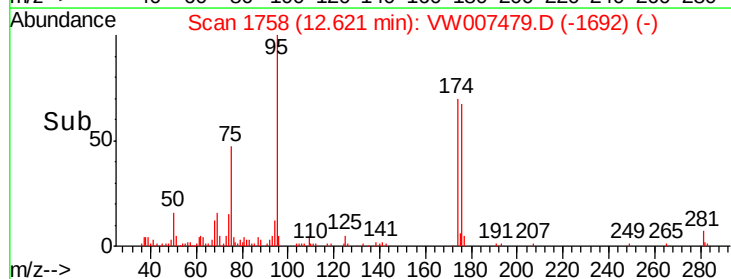
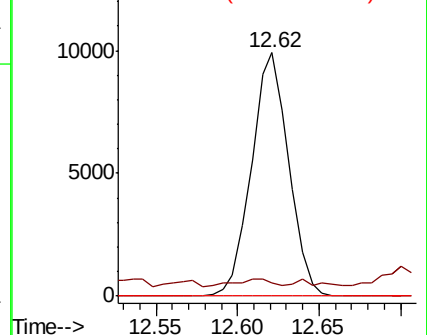
89 0.0 40.3 60.5#

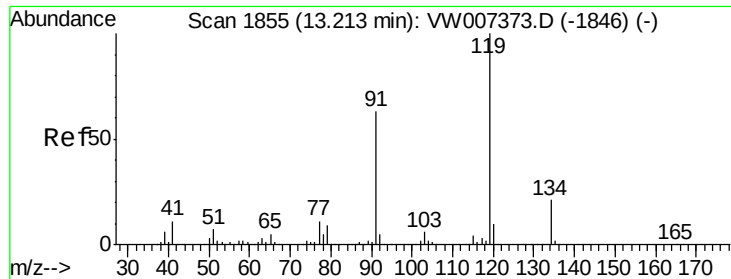


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

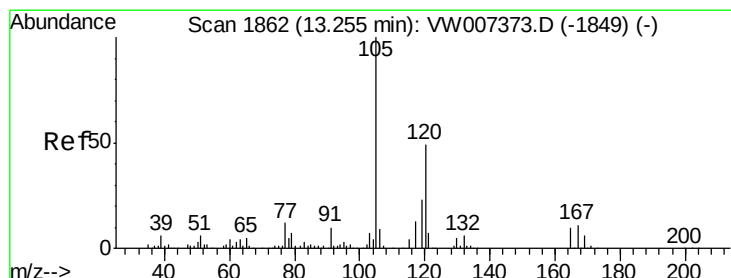
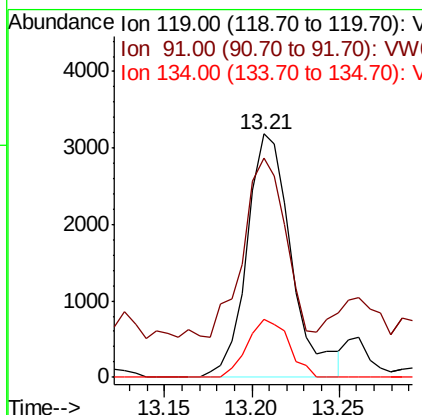
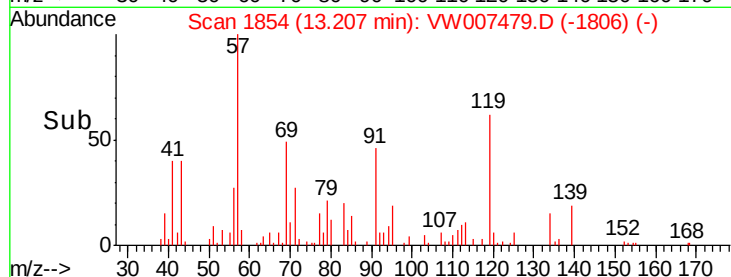
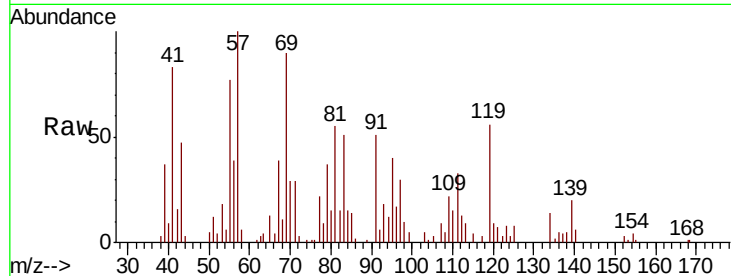




#83
 tert-Butylbenzene
 Concen: 2.963 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

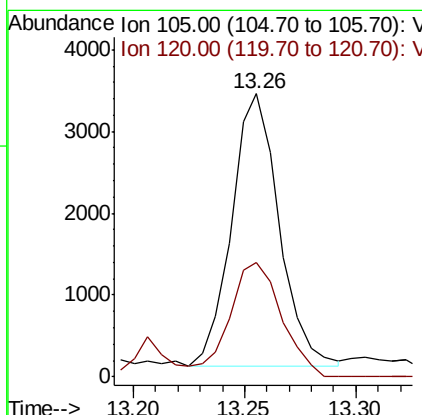
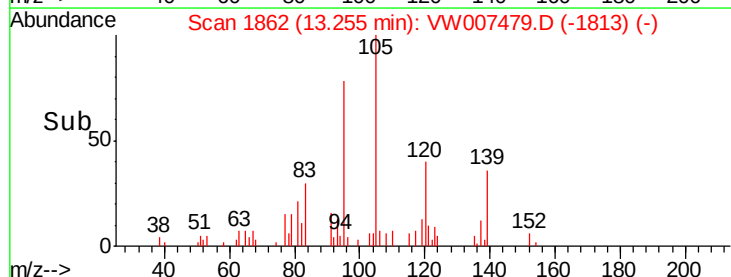
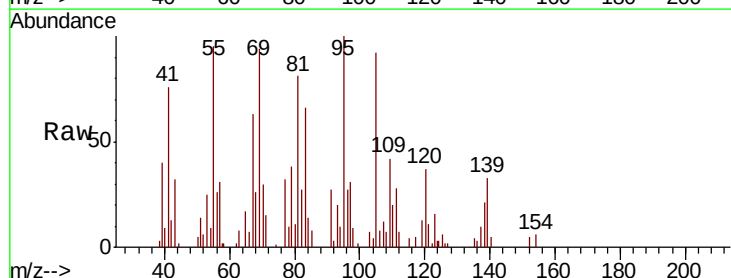
Instrument :
 MSVOA_W
 ClientSampled :
 064_SW-E-2

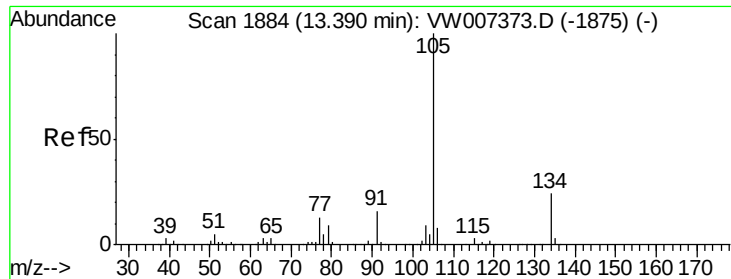
Tot Ion:119 Resp: 5620
 Ion Ratio Lower Upper
 119 100
 91 68.2 33.1 99.2
 134 22.3 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 2.225 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007479.D
 Acq: 13 Dec 2018 11:17

Tgt Ion:105 Resp: 4929
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 6.081 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

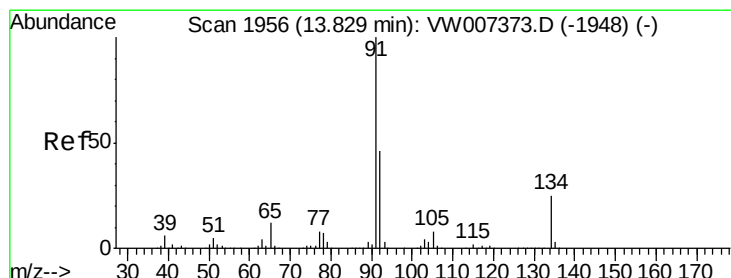
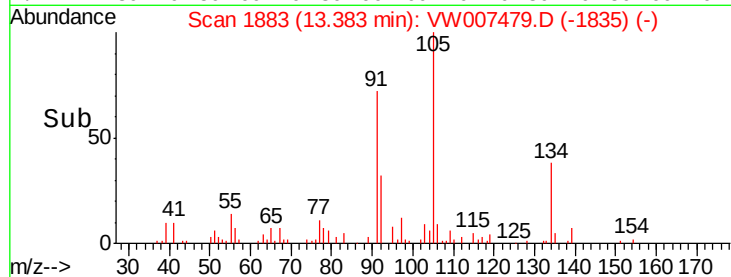
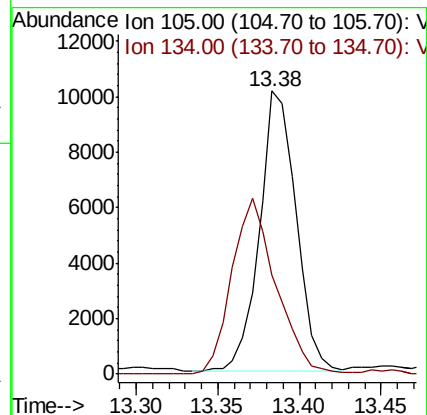
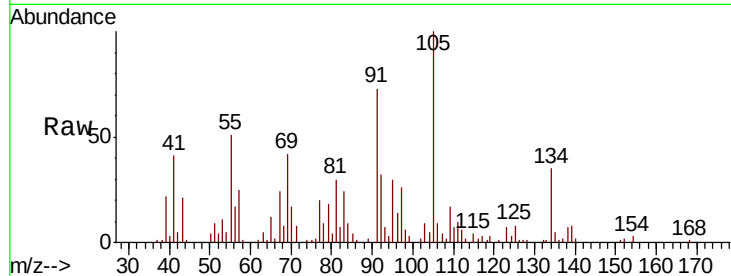
064_SW-E-2

Tot Ion:105 Resp: 15746

Ion Ratio Lower Upper

105 100

134 75.4 11.1 33.3#



#89

n-Butylbenzene

Concen: 2.588 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

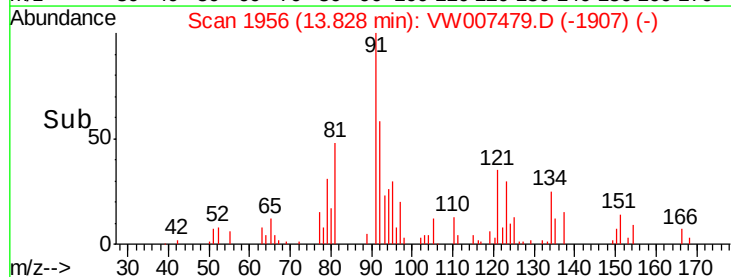
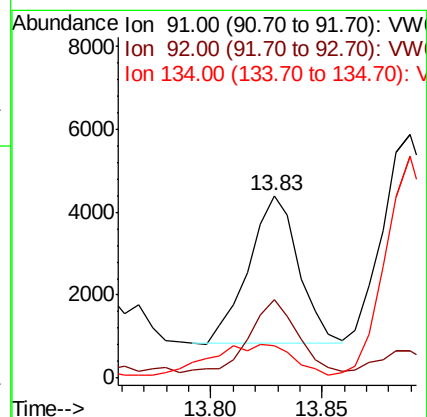
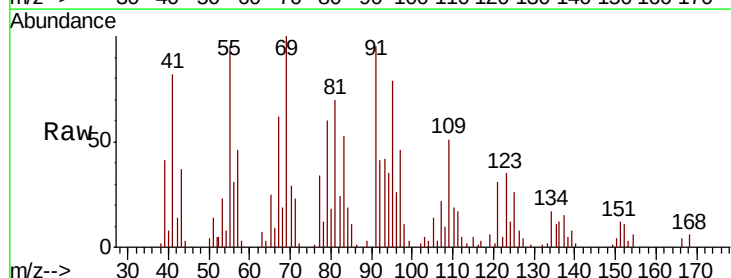
Tgt Ion: 91 Resp: 5580

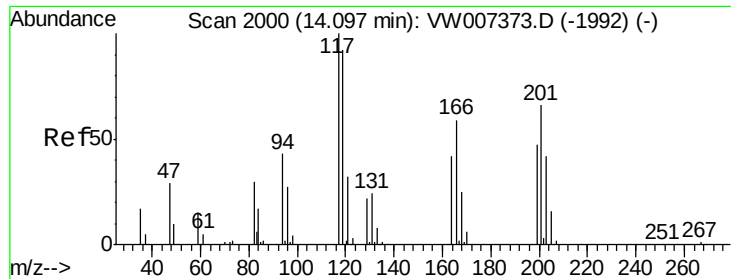
Ion Ratio Lower Upper

91 100

92 47.0 25.7 77.1

134 34.4 13.4 40.2





#90

Hexachloroethane

Concen: 9.249 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

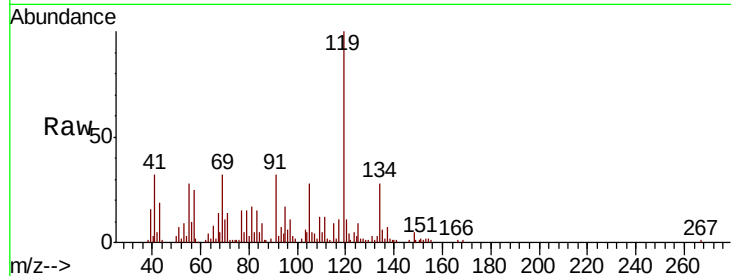
064_SW-E-2

Tot Ion:117 Resp: 3828

Ion Ratio Lower Upper

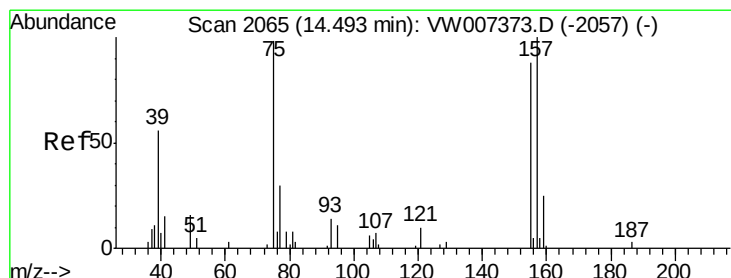
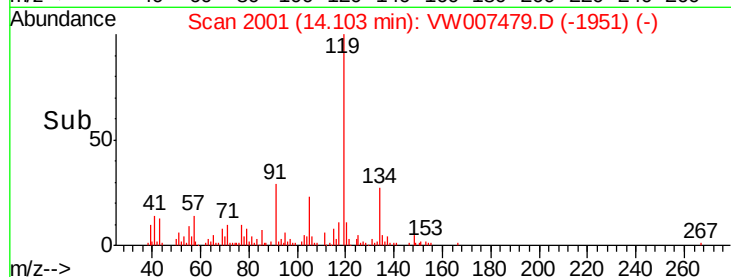
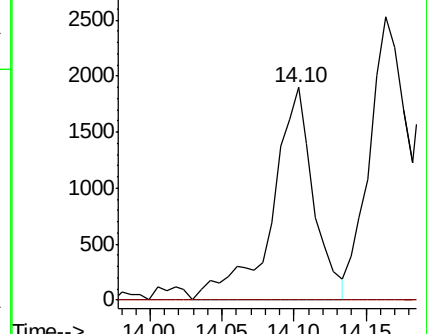
117 100

201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.174 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW007479.D

Acq: 13 Dec 2018 11:17

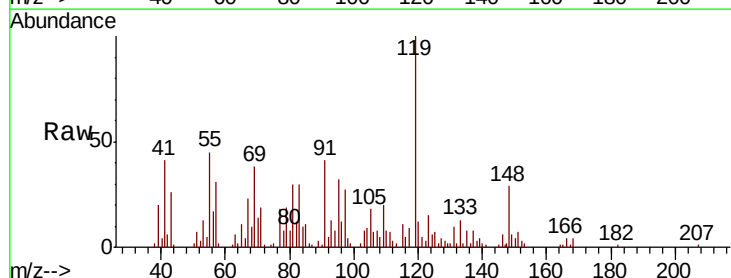
Tgt Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

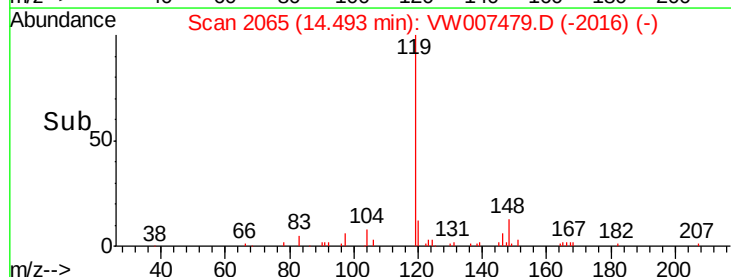
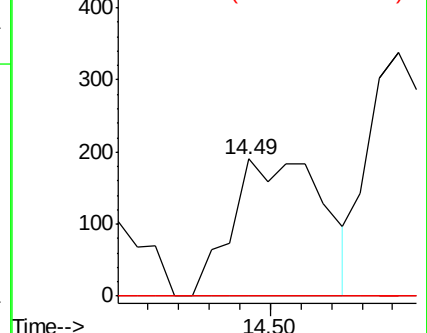
157 0.0 51.1 153.4#

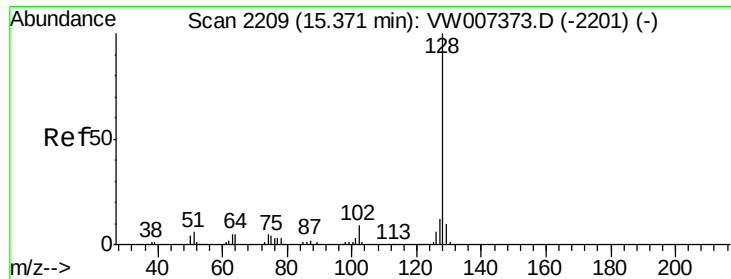


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

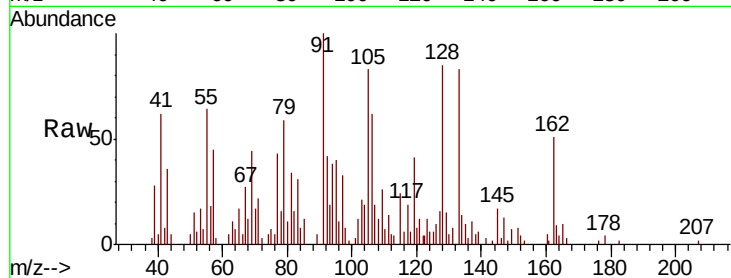




#95
Naphthalene
Concen: 1.619 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007479.D
Acq: 13 Dec 2018 11:17

Instrument :
MSVOA_W
ClientSampleId :
064_SW-E-2

Tot Ion:128 Resp: 2161
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

