

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
 Data File : VW007470.D
 Acq On : 13 Dec 2018 05:41
 Operator : SY/AP
 Sample : J6329-02
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

Quant Time: Dec 13 06:19:34 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	73809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	90650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36696	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	7.88	113	33541	42.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.96%	
50) Toluene-d8	10.32	98	230279	78.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.42%	
62) 4-Bromofluorobenzene	12.62	95	149273	138.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.52%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.15	59	116	2.063	ug/l #	74
13) Acrolein	4.05	56	50	1.344	ug/l #	14
15) Acrylonitrile	5.42	53	168	1.117	ug/l #	28
16) Acetone	4.12	43	7749	54.178	ug/l	100
17) Carbon Disulfide	4.38	76	2681	1.221	ug/l	96
18) Methyl Acetate	4.90	43	4483	11.548	ug/l #	49
20) Methylene Chloride	4.91	84	2618	Below Cal	#	84
25) 2-Butanone	7.17	43	3138	16.805	ug/l #	85
30) Chloroform	7.63	83	6903	4.575	ug/l #	18
31) Cyclohexane	7.95	56	6275	4.933	ug/l #	77
36) 1,1-Dichloropropene	7.95	75	5691	4.840	ug/l #	48
37) Ethyl Acetate	7.17	43	3138	7.175	ug/l #	66
38) Carbon Tetrachloride	7.95	117	7730	6.041	ug/l #	17
39) Methylcyclohexane	9.30	83	118140	82.967	ug/l #	4
41) Methacrylonitrile	7.53	41	903	3.626	ug/l #	20
43) Isopropyl Acetate	8.42	43	35882	41.533	ug/l #	50
45) 1,2-Dichloropropane	9.39	63	1048	1.388	ug/l #	1
47) Bromodichloromethane	9.62	83	188812	167.845	ug/l #	31
48) Methyl methacrylate	9.48	41	7972	17.967	ug/l #	11
51) 4-Methyl-2-Pentanone	10.26	43	99151	242.890	ug/l #	54
55) 1,1,2-Trichloroethane	10.77	97	612999	1050.224	ug/l #	23
56) Ethyl methacrylate	10.67	69	165356	235.695	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.91	63	4525	13.987	ug/l #	43
59) 2-Hexanone	10.94	43	783879	2879.828	ug/l #	29
60) Dibromochloromethane	11.04	129	2769	3.759	ug/l	68
61) 1,2-Dibromoethane	11.21	107	4417	7.658	ug/l #	1
65) Chlorobenzene	11.56	112	6283	3.325	ug/l #	40
67) Ethyl Benzene	11.75	91	17504	5.388	ug/l #	59
68) m/p-Xylenes	11.85	106	2047	1.621	ug/l #	1
73) Isopropylbenzene	12.47	105	239960	62.790	ug/l	100
74) N-amyl acetate	12.26	43	519428	747.868	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.70	83	60576	107.020	ug/l #	83
76) 1,2,3-Trichloropropane	12.80	75	1606	3.905	ug/l #	1
78) n-propylbenzene	12.81	91	193700	45.037	ug/l	96

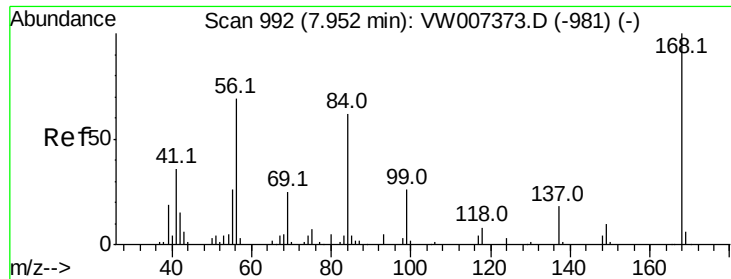
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
 Data File : VW007470.D
 Acq On : 13 Dec 2018 05:41
 Operator : SY/AP
 Sample : J6329-02
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

Quant Time: Dec 13 06:19:34 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)
79) 2-Chlorotoluene	12.91	91	13639	5.241	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.11	105	27053	8.425	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.46	75	2848	15.298	ug/l #	1
82) 4-Chlorotoluene	13.13	91	7253	2.644	ug/l	92
83) tert-Butylbenzene	13.21	119	20150	7.122	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.11	105	27053	8.187	ug/l	75
85) sec-Butylbenzene	13.39	105	229089	59.311	ug/l #	63
86) p-Isopropyltoluene	13.45	119	28327	8.163	ug/l #	74
89) n-Butylbenzene	13.83	91	134837	41.916	ug/l #	67
90) Hexachloroethane	14.16	117	65813	106.595	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3427	30.170	ug/l #	3
95) Naphthalene	15.34	128	16116	8.092	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.59	180	1084	1.199	ug/l #	58

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

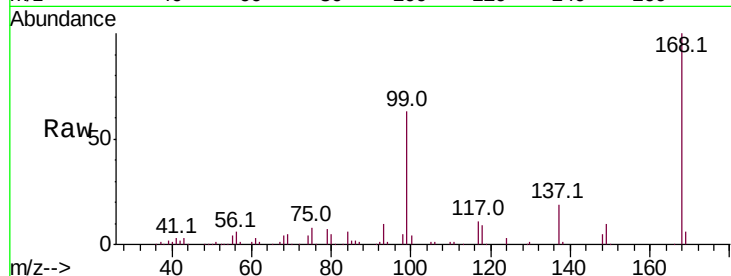
072-DUP-1

Tot Ion:168 Resp: 73809

Ion Ratio Lower Upper

168 100

99 63.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

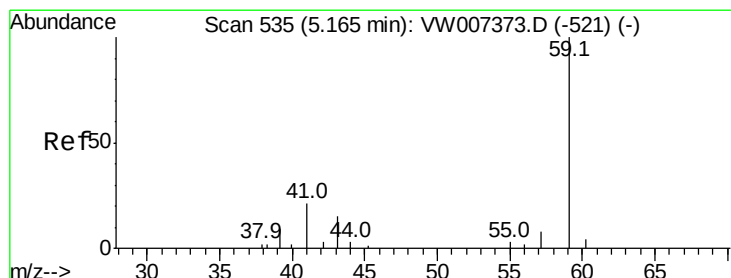
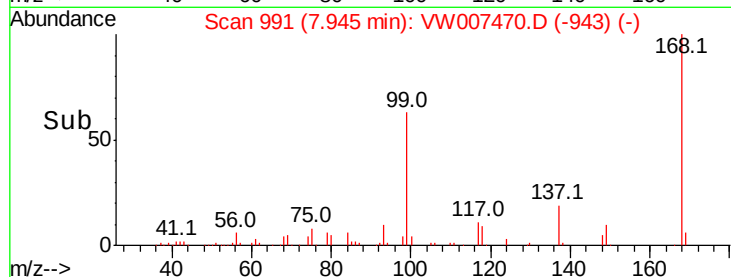
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 2.063 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW007470.D

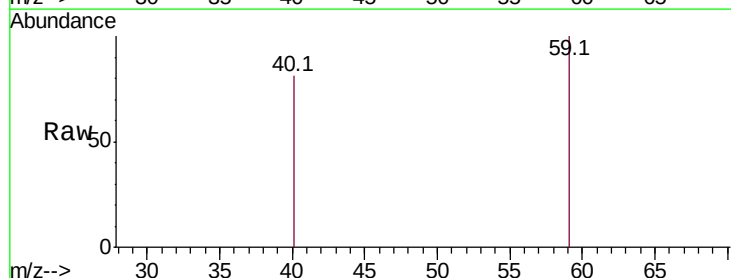
Acq: 13 Dec 2018 05:41

Tgt Ion: 59 Resp: 116

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

5.15

100

80

60

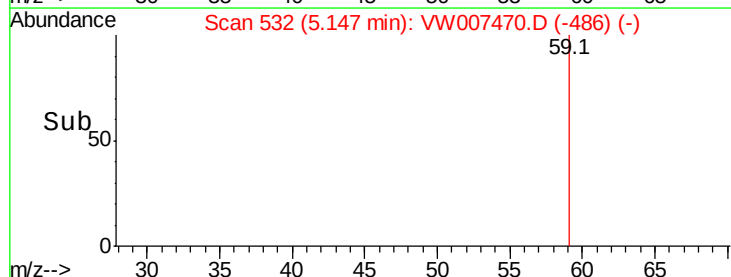
40

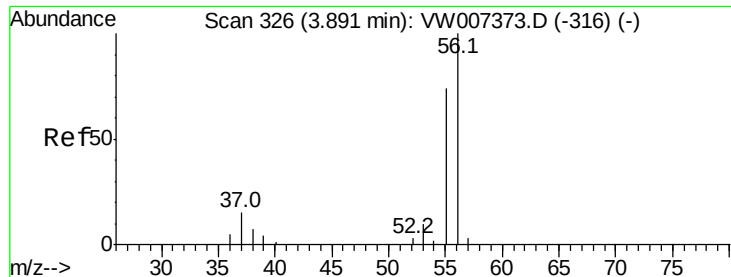
20

0

5.12 5.14 5.16

Time-->





#13

Acrolein

Concen: 1.344 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.16 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

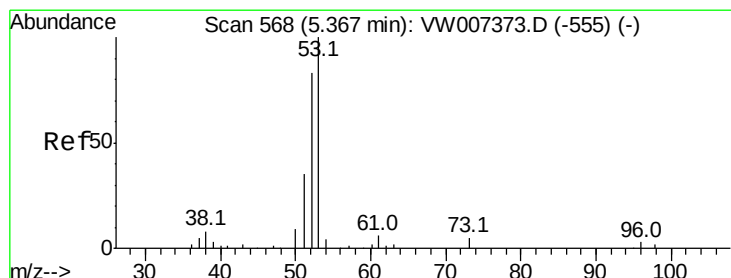
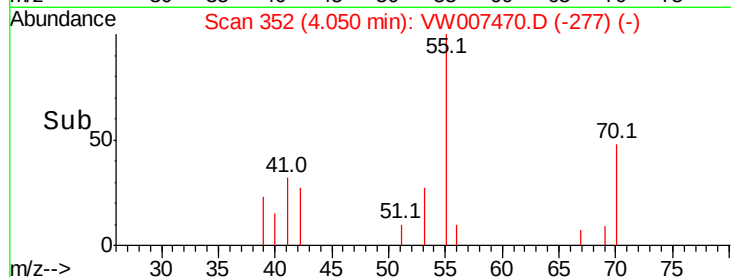
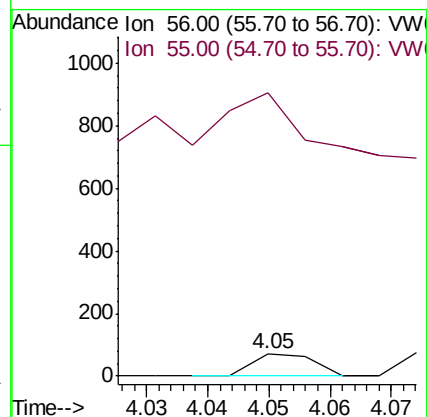
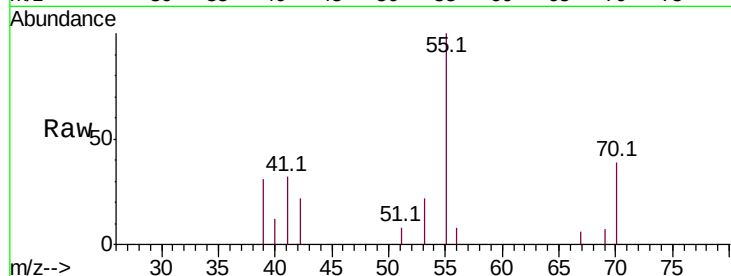
072-DUP-1

Tot Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#15

Acrylonitrile

Concen: 1.117 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

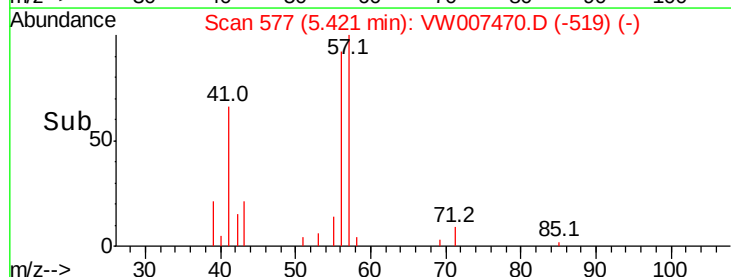
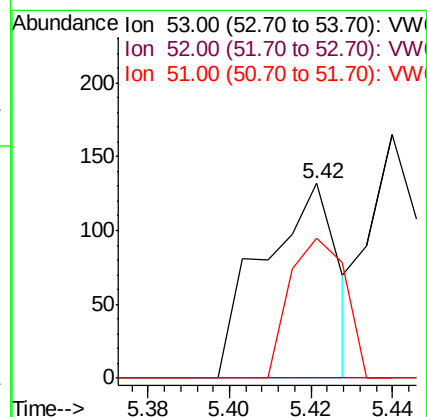
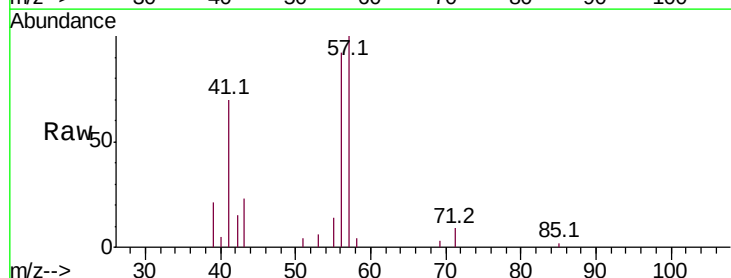
Tgt Ion: 53 Resp: 168

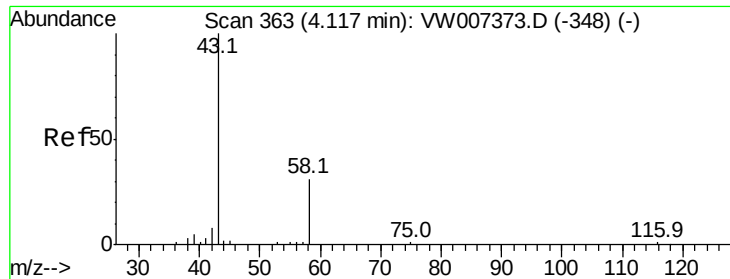
Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.2#

51 53.6 30.2 45.2#





#16

Acetone

Concen: 54.178 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

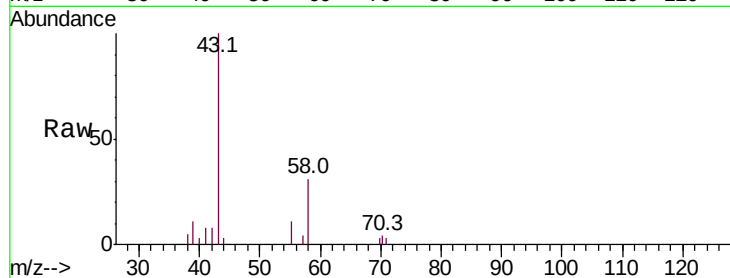
072-DUP-1

Tot Ion: 43 Resp: 7749

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

1000

500

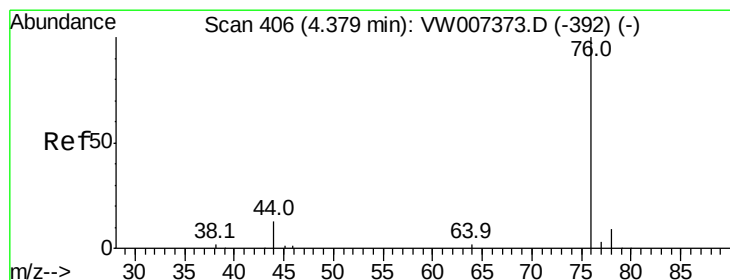
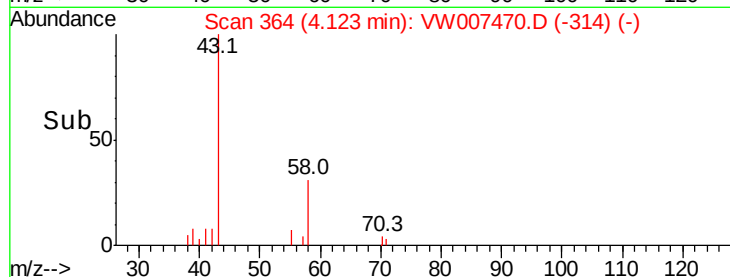
0

Time-->

4.00

4.10

4.20



#17

Carbon Disulfide

Concen: 1.221 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW007470.D

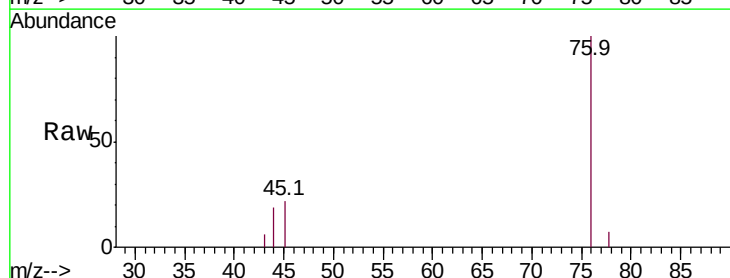
Acq: 13 Dec 2018 05:41

Tgt Ion: 76 Resp: 2681

Ion Ratio Lower Upper

76 100

78 7.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

1000

800

600

400

200

0

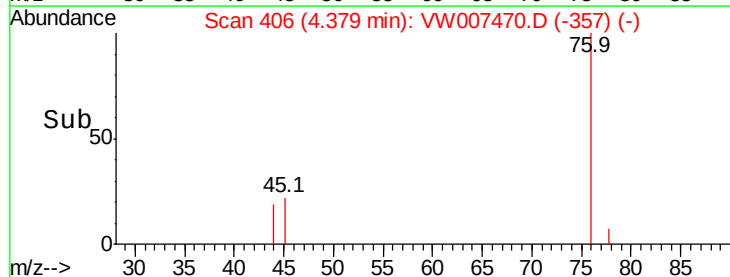
Time-->

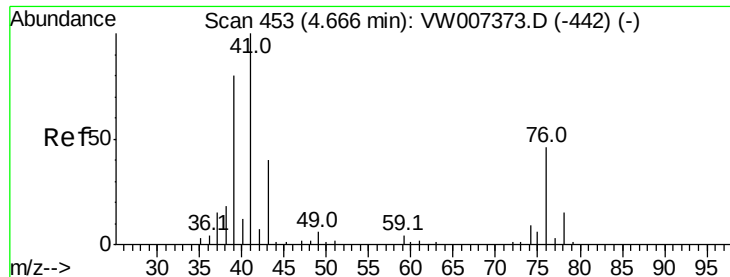
4.30

4.35

4.40

4.45

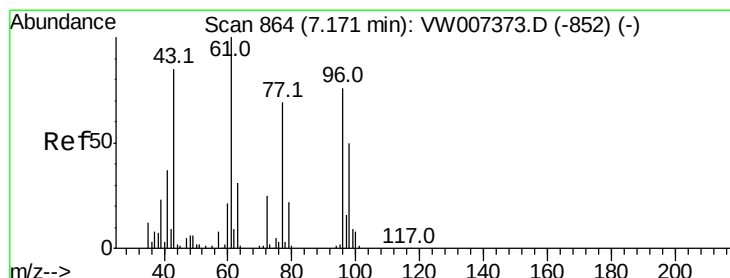
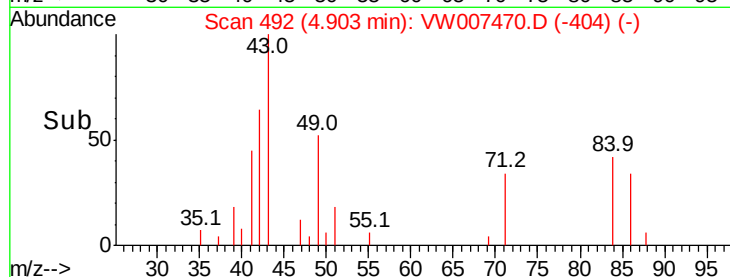
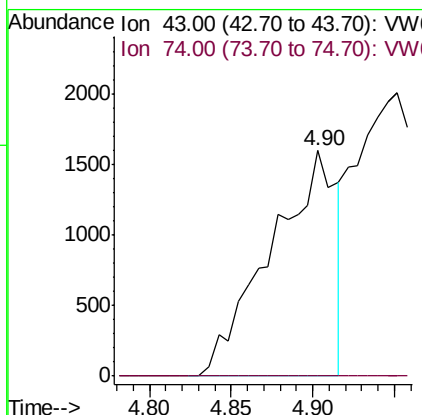
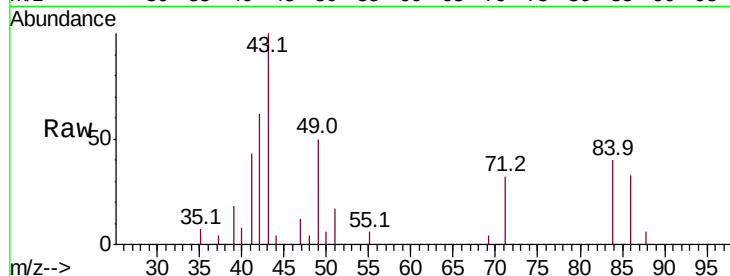




#18
Methyl Acetate
Concen: 11.548 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.24 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

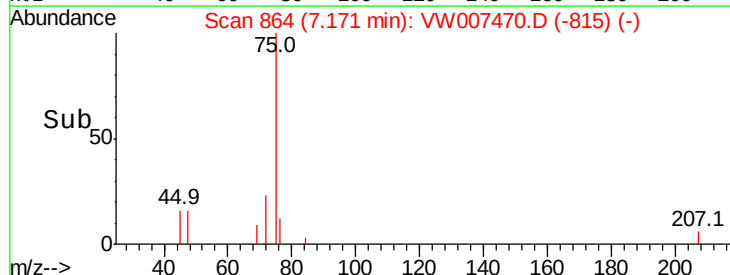
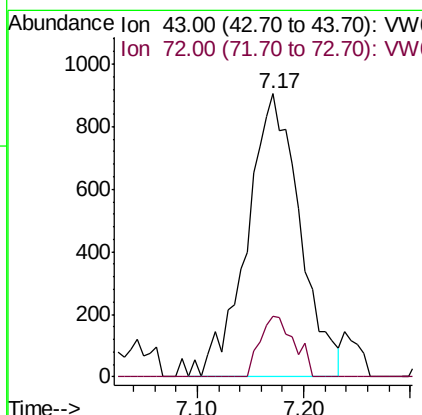
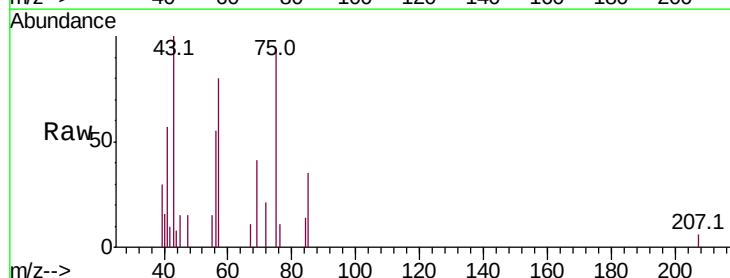
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

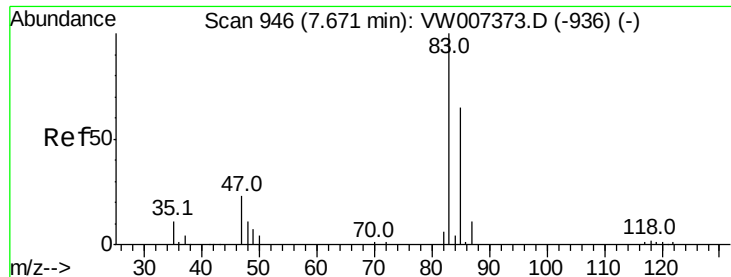
Tot Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#25
2-Butanone
Concen: 16.805 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion: 43 Resp: 3138
Ion Ratio Lower Upper
43 100
72 21.3 23.4 35.2#

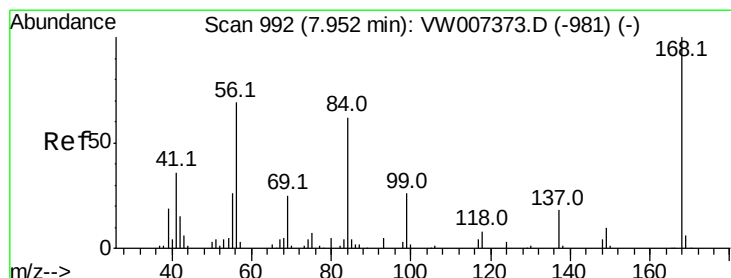
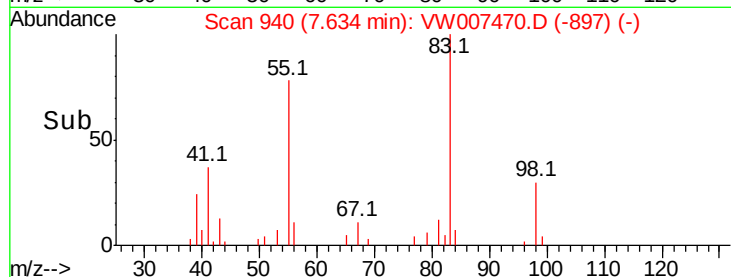
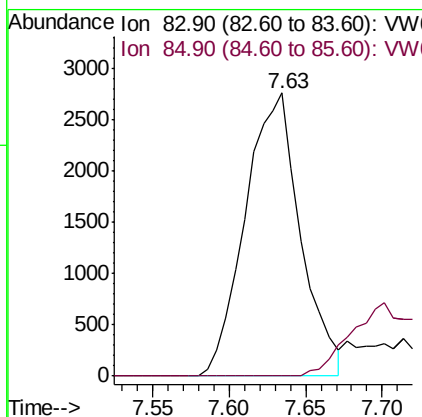
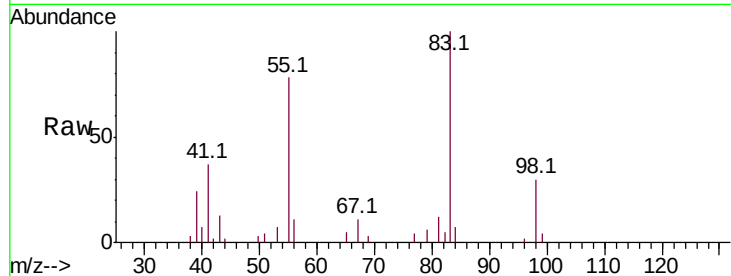




#30
Chloroform
Concen: 4.575 ug/l
RT: 7.63 min Scan# 940
Delta R.T. -0.04 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

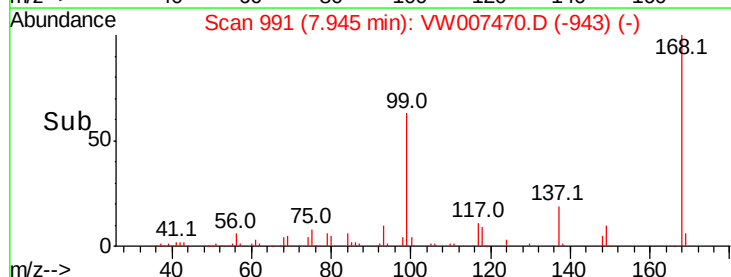
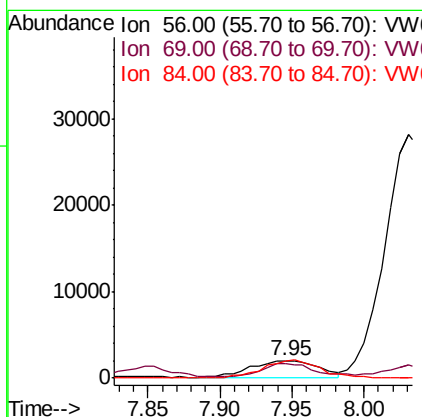
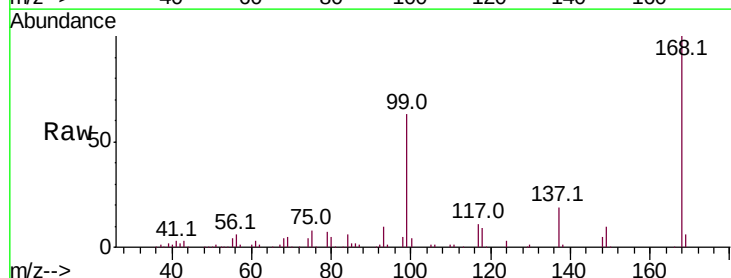
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

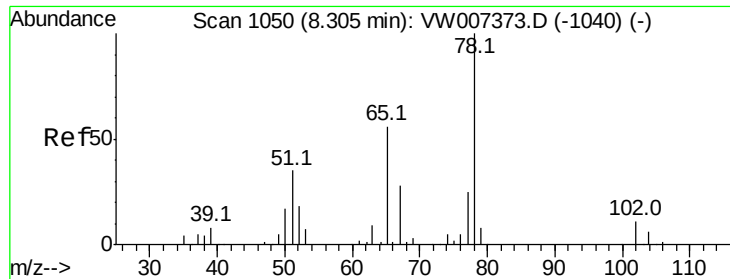
Tot Ion: 83 Resp: 6903
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 4.933 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion: 56 Resp: 6275
Ion Ratio Lower Upper
56 100
69 64.1 28.9 43.3#
84 102.0 71.8 107.6

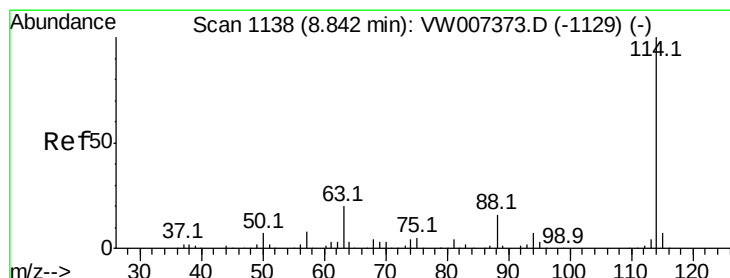
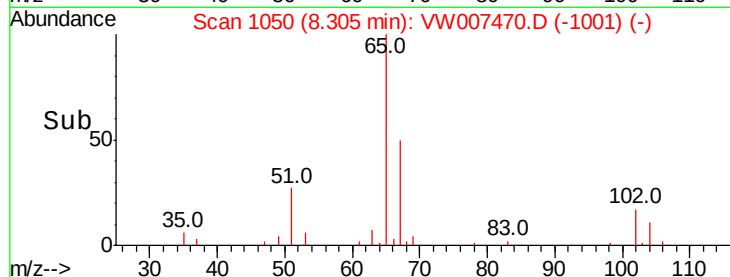
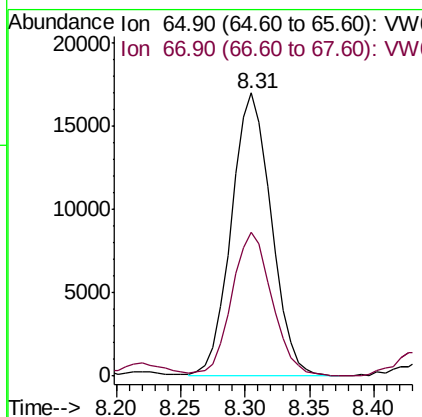
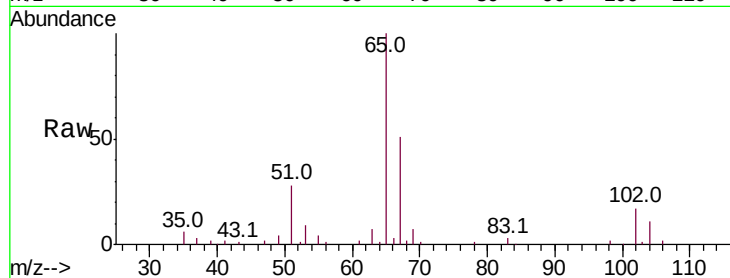




#33
 1,2-Dichloroethane-d4
 Concen: 44.814 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

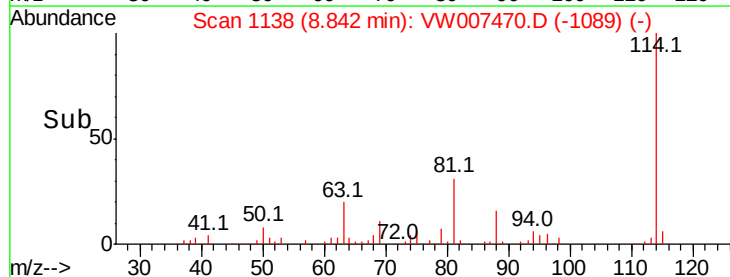
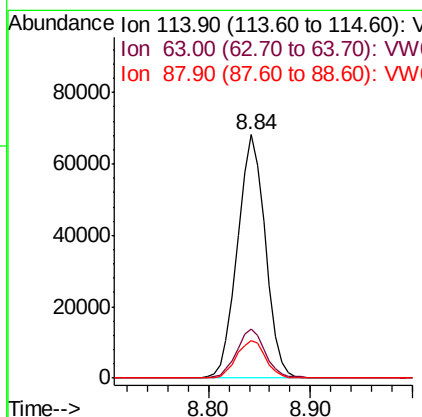
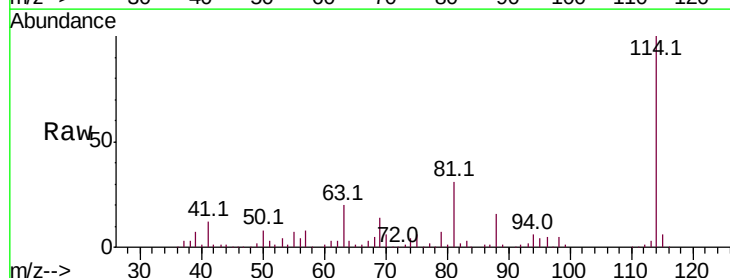
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

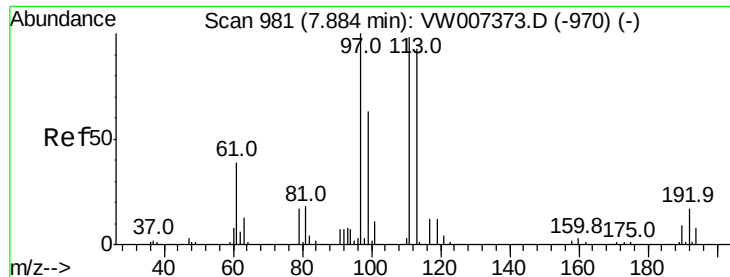
Tot Ion: 65 Resp: 36696
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Tgt Ion: 114 Resp: 128907
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 42.983 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

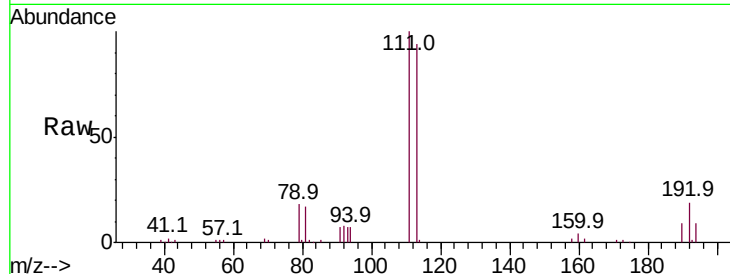
Tot Ion:113 Resp: 33541

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

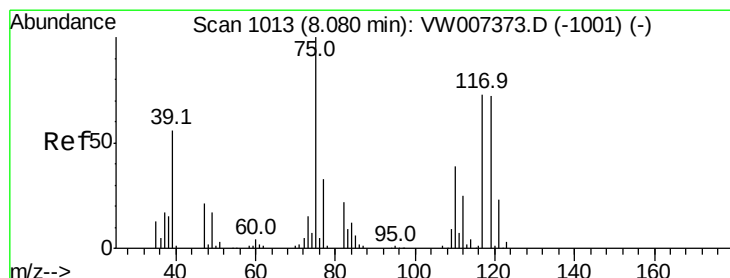
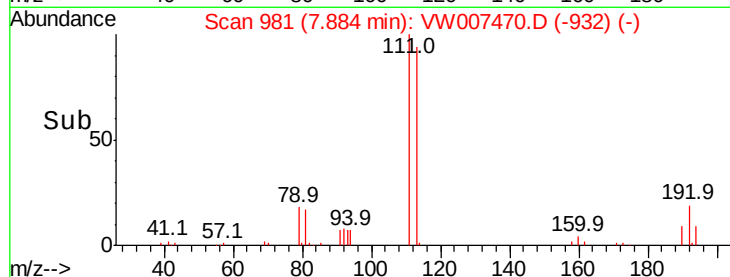
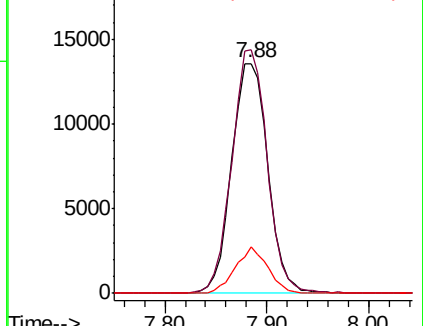
192 18.1 14.6 21.8



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: 4.840 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

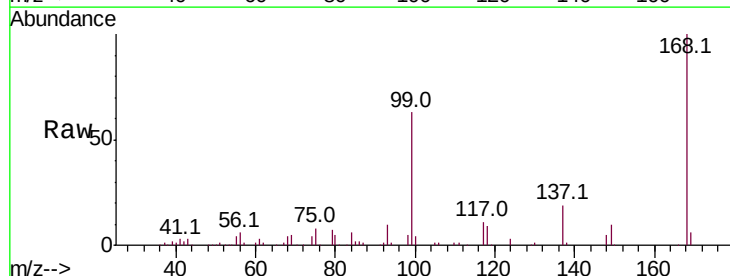
Tgt Ion: 75 Resp: 5691

Ion Ratio Lower Upper

75 100

110 9.1 18.5 55.5#

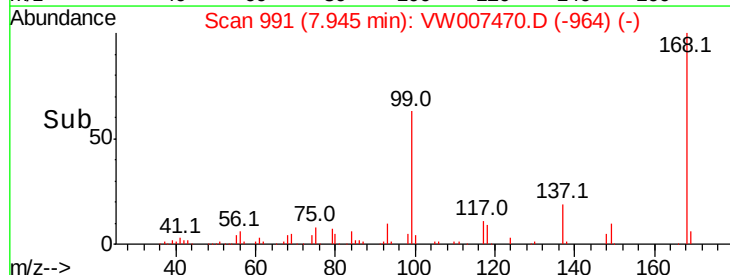
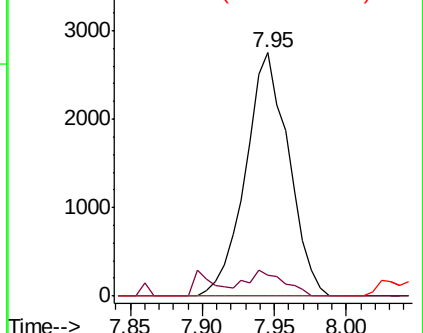
77 0.0 25.6 38.4#

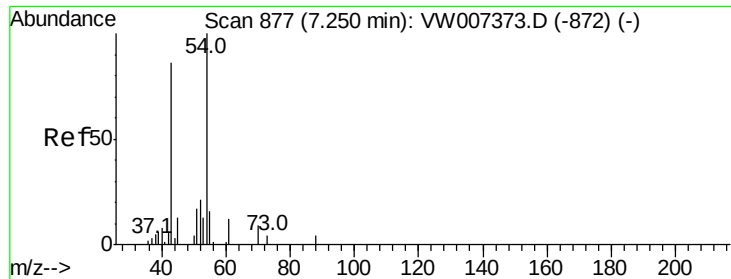


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 7.175 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.08 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

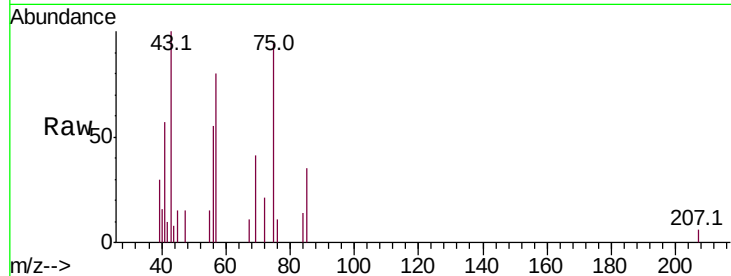
Tot Ion: 43 Resp: 3138

Ion Ratio Lower Upper

43 100

61 0.0 12.1 18.1#

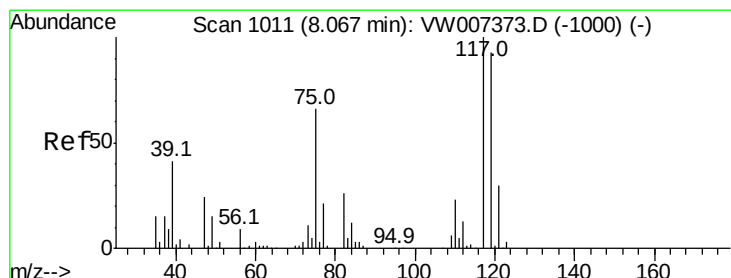
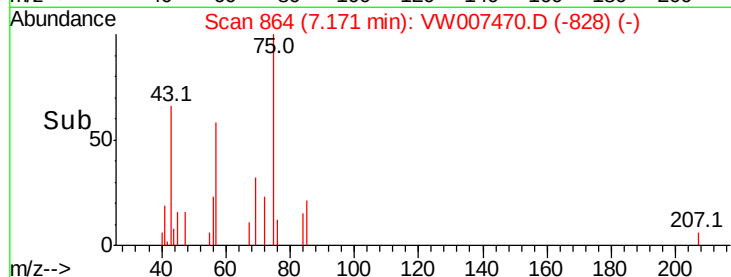
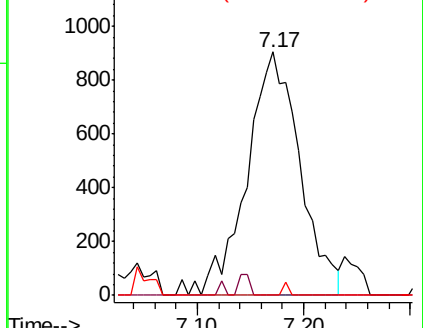
70 0.6 10.0 15.0#



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: 6.041 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

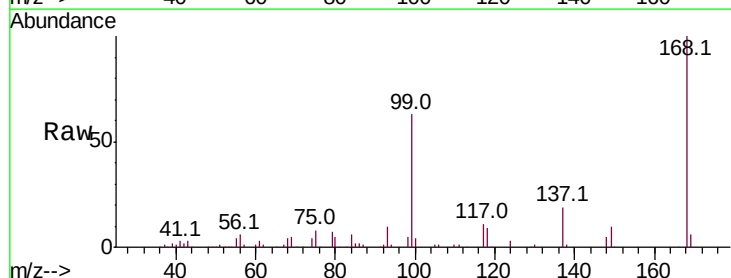
Tgt Ion: 117 Resp: 7730

Ion Ratio Lower Upper

117 100

119 4.2 74.3 111.5#

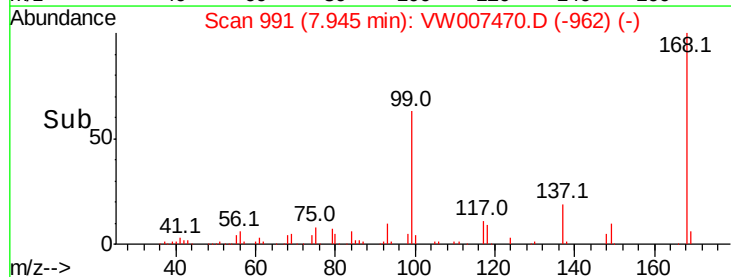
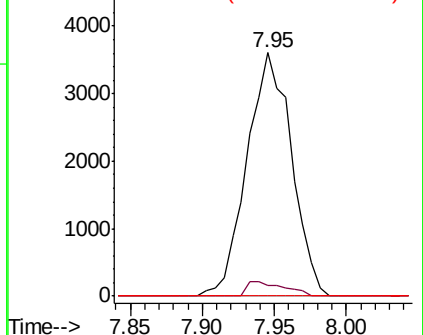
121 0.0 24.3 36.5#

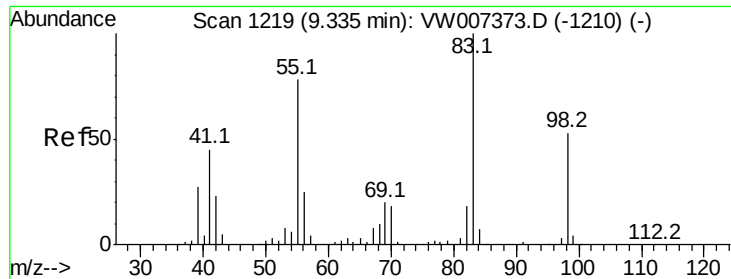


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 82.967 ug/l

RT: 9.30 min Scan# 1214

Delta R.T. -0.03 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

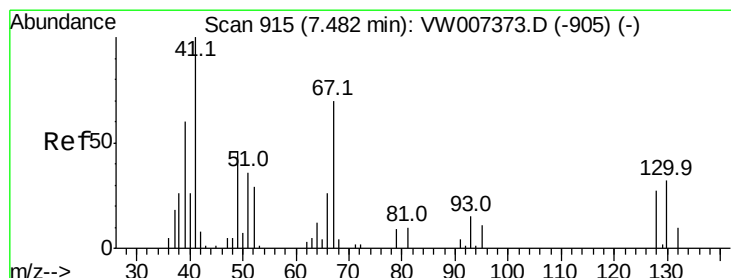
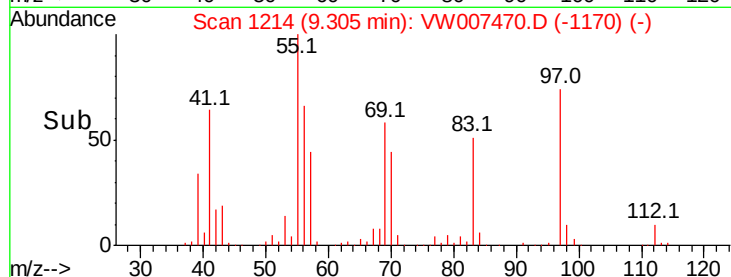
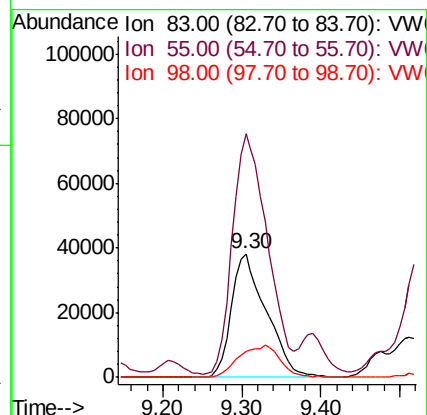
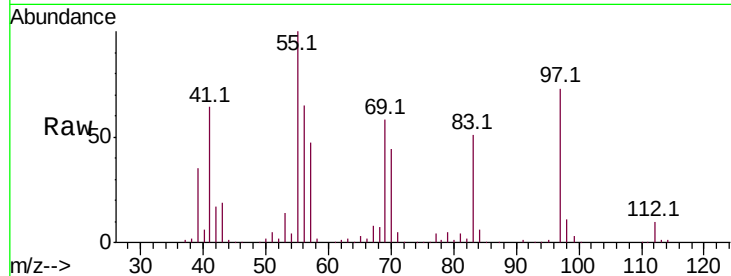
Tot Ion: 83 Resp: 118140

Ion Ratio Lower Upper

83 100

55 192.6 62.8 94.2#

98 20.8 42.2 63.2#



#41

Methacrylonitrile

Concen: 3.626 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Tgt Ion: 41 Resp: 903

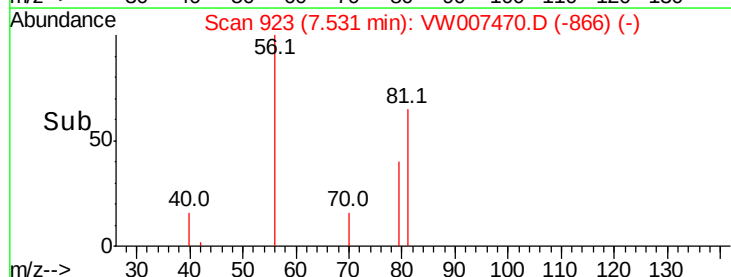
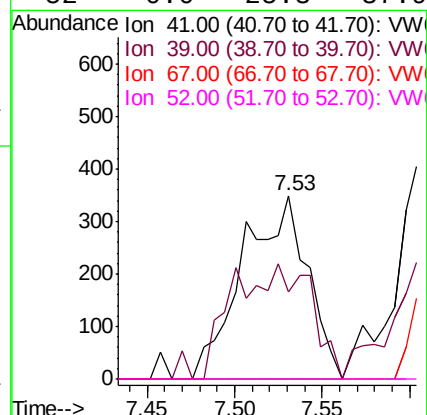
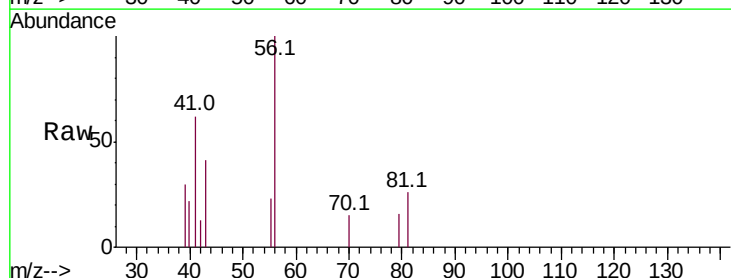
Ion Ratio Lower Upper

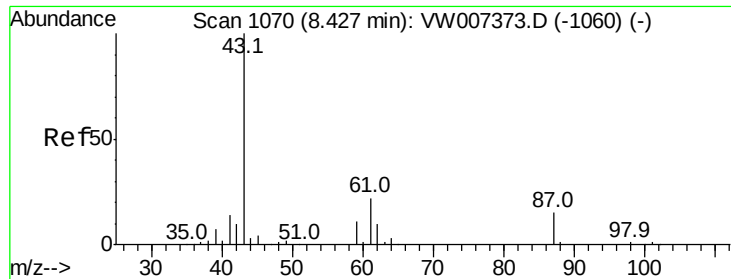
41 100

39 0.0 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 41.533 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

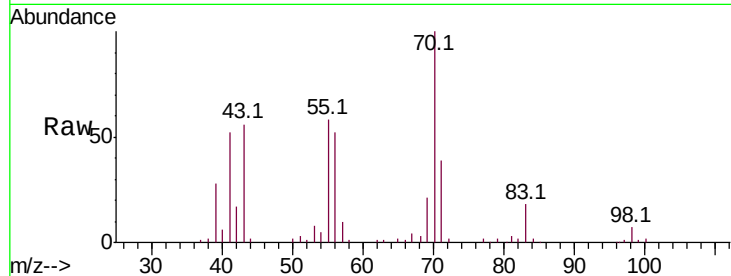
Tot Ion: 43 Resp: 35882

Ion Ratio Lower Upper

43 100

61 0.1 25.3 37.9#

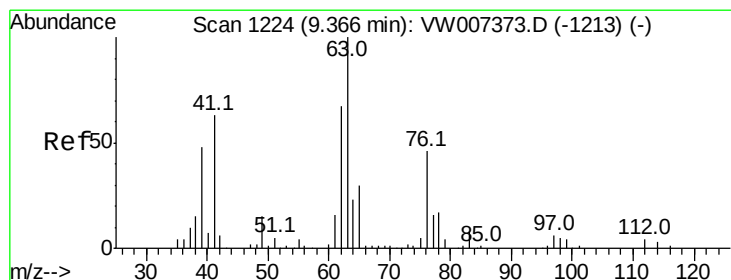
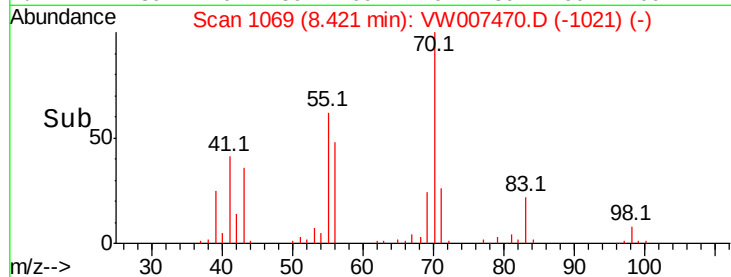
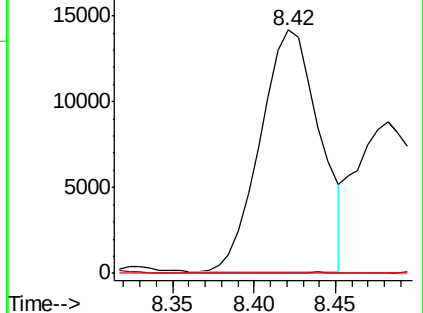
87 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#45

1,2-Dichloropropane

Concen: 1.388 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. 0.02 min

Lab File: VW007470.D

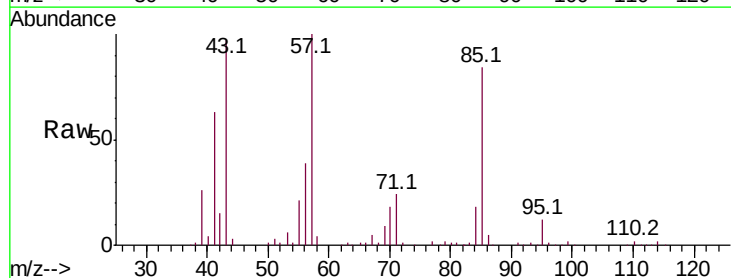
Acq: 13 Dec 2018 05:41

Tgt Ion: 63 Resp: 1048

Ion Ratio Lower Upper

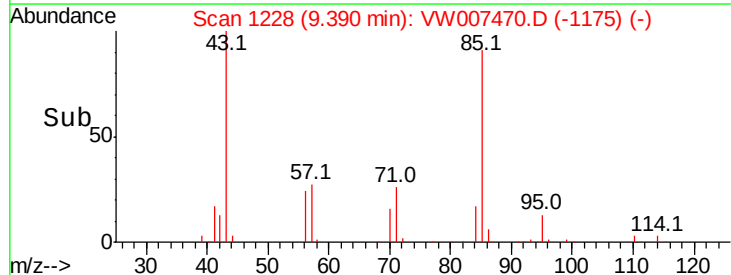
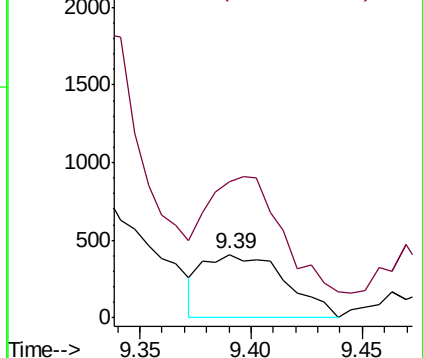
63 100

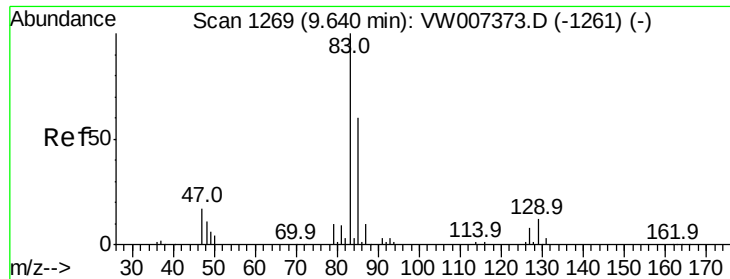
65 173.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 167.845 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

072-DUP-1

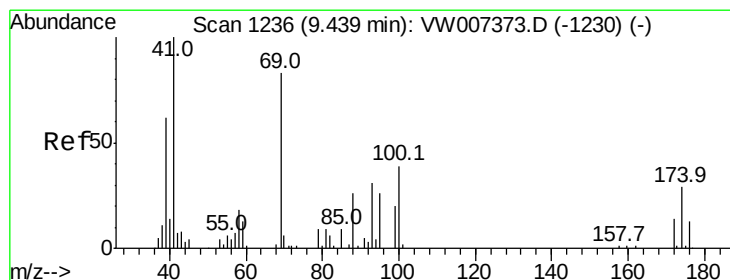
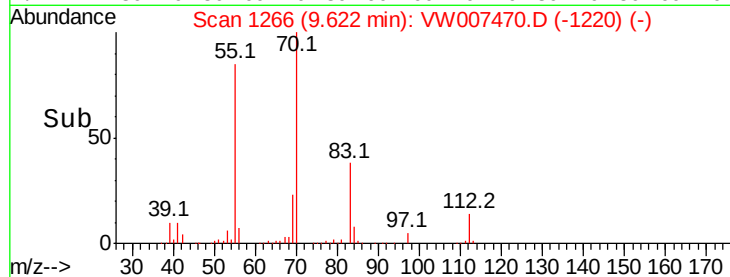
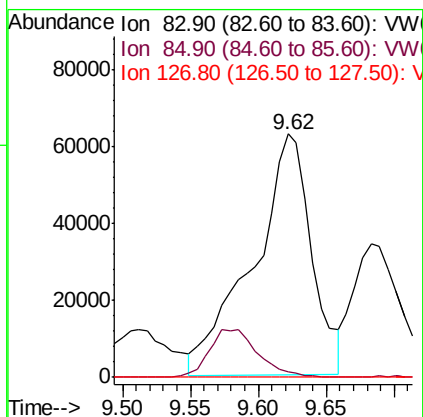
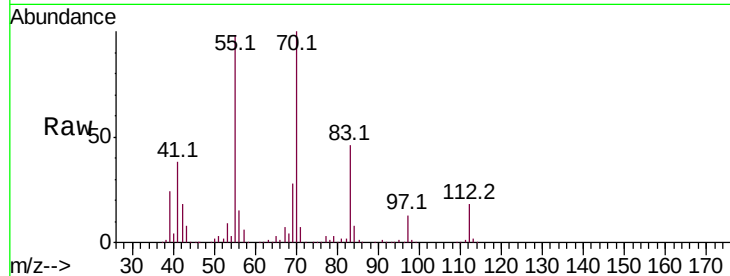
Tot Ion: 83 Resp: 188812

Ion Ratio Lower Upper

83 100

85 2.5 47.6 71.4#

127 0.0 6.7 10.1#



#48

Methyl methacrylate

Concen: 17.967 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.04 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

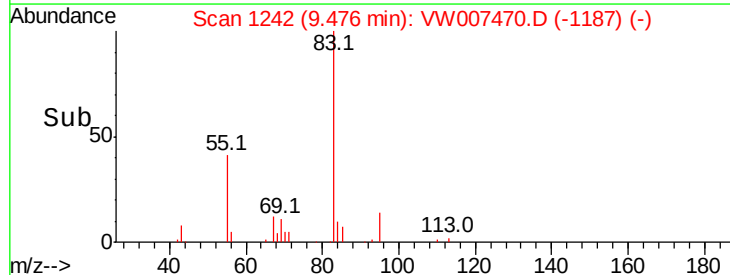
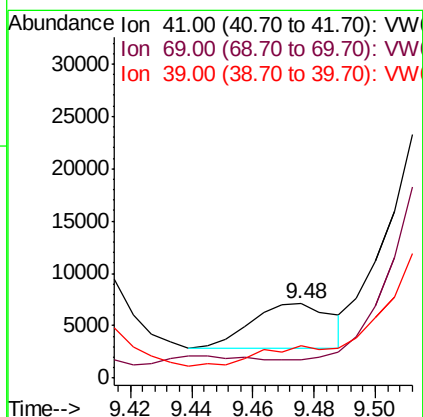
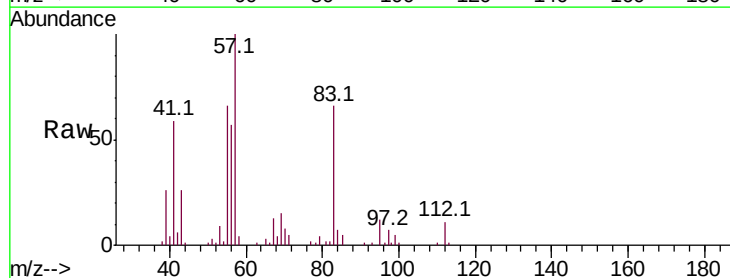
Tgt Ion: 41 Resp: 7972

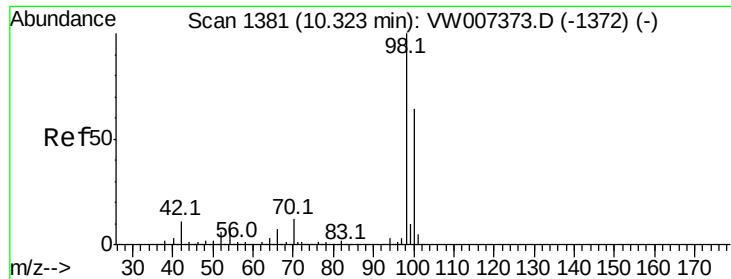
Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.8#

39 0.0 50.9 76.3#

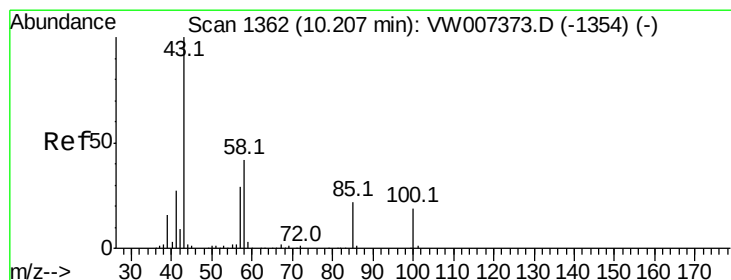
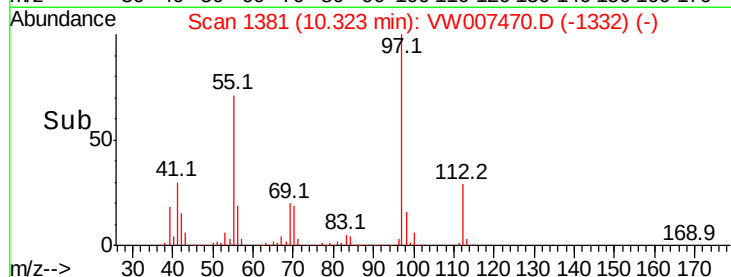
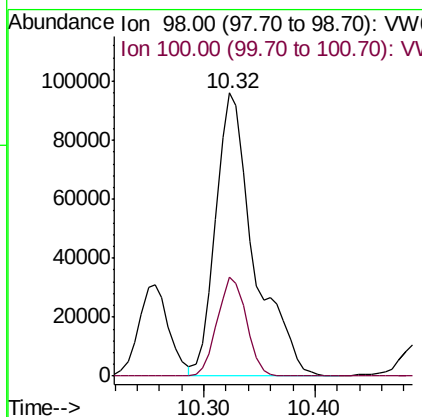
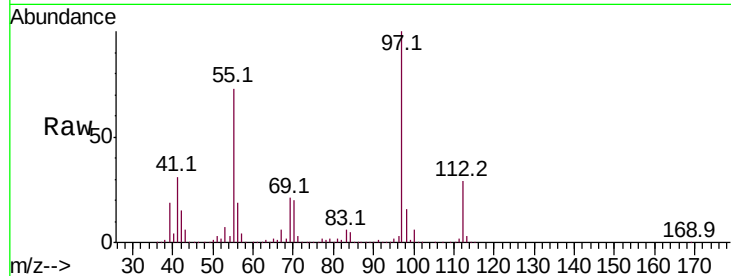




#50
Toluene-d8
Concen: 78.707 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

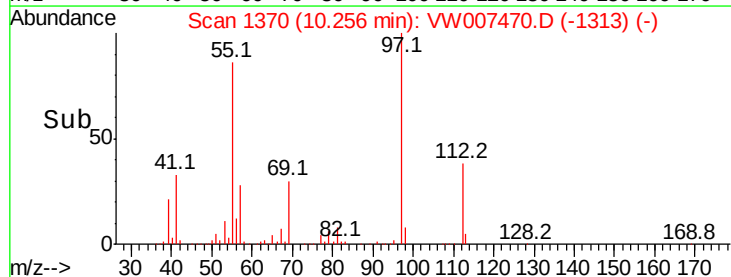
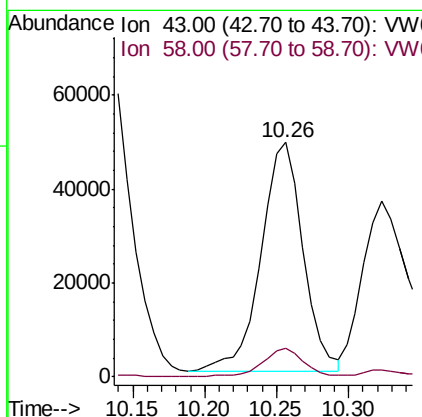
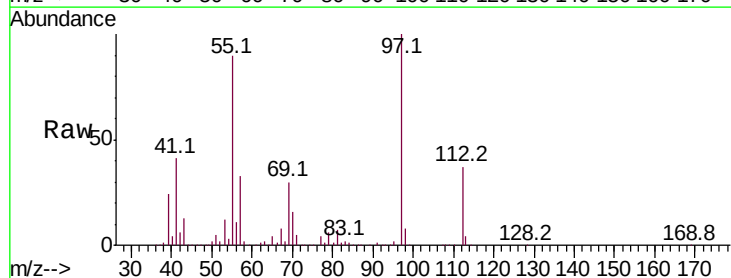
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

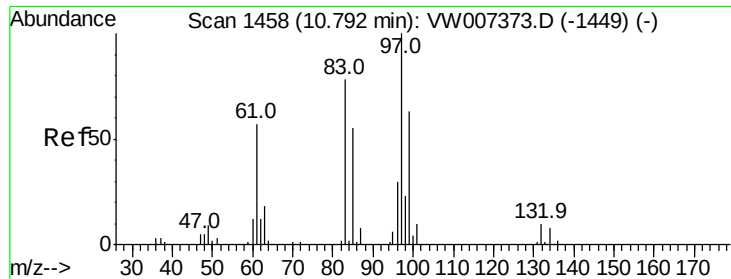
Tot Ion: 98 Resp: 230279
Ion Ratio Lower Upper
98 100
100 26.3 51.8 77.8#



#51
4-Methyl-2-Pentanone
Concen: 242.890 ug/l
RT: 10.26 min Scan# 1370
Delta R.T. 0.05 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion: 43 Resp: 99151
Ion Ratio Lower Upper
43 100
58 12.5 33.1 49.7#

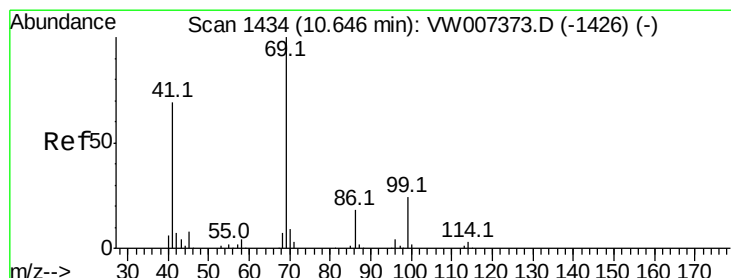
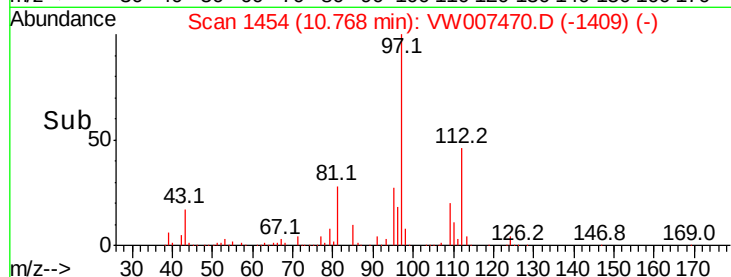
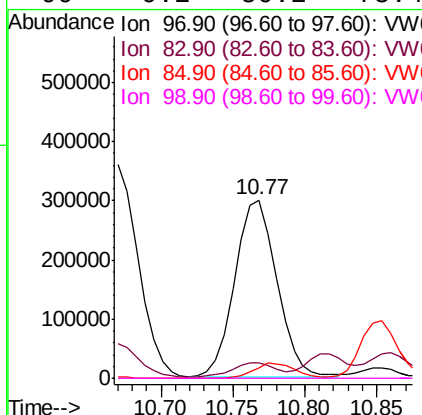
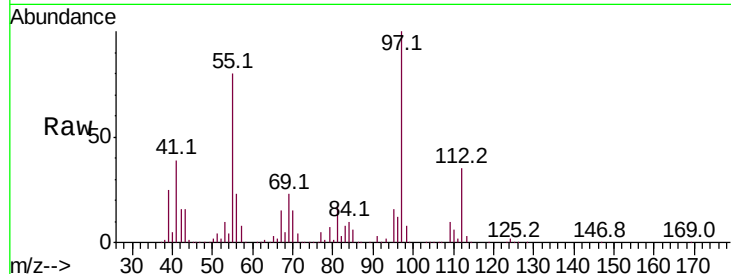




#55
 1,1,2-Trichloroethane
 Concen: 1050.224 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

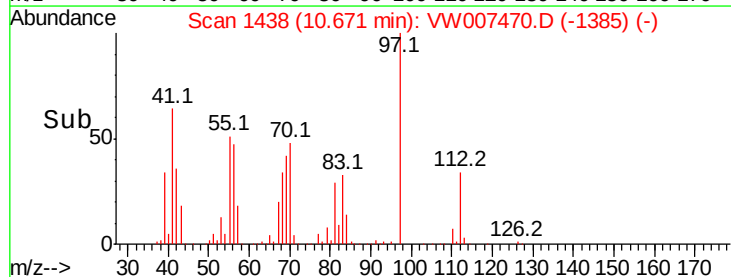
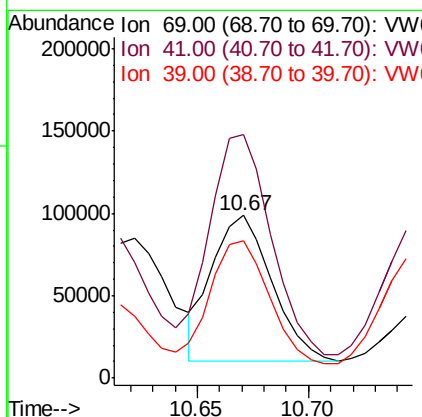
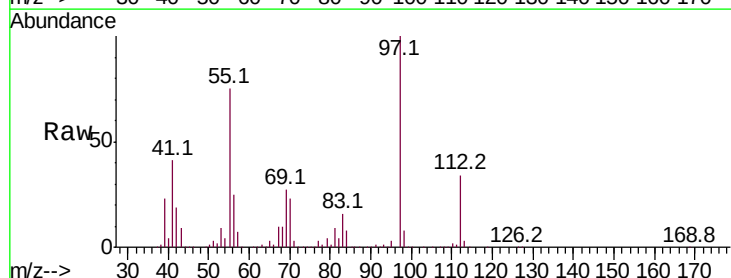
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

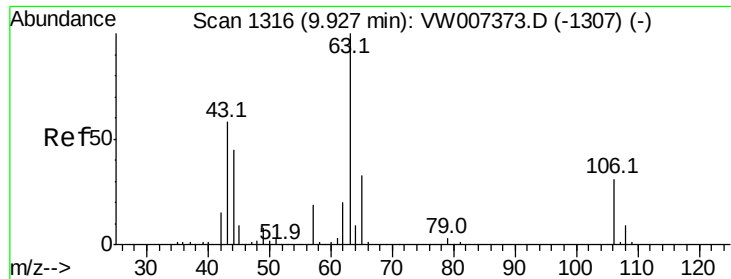
Tot Ion: 97 Resp: 612999
 Ion Ratio Lower Upper
 97 100
 83 7.7 62.1 93.1#
 85 6.0 44.2 66.4#
 99 0.2 50.2 75.4#



#56
 Ethyl methacrylate
 Concen: 235.695 ug/l
 RT: 10.67 min Scan# 1438
 Delta R.T. 0.02 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Tgt Ion: 69 Resp: 165356
 Ion Ratio Lower Upper
 69 100
 41 166.7 51.0 76.6#
 39 91.5 30.8 46.2#

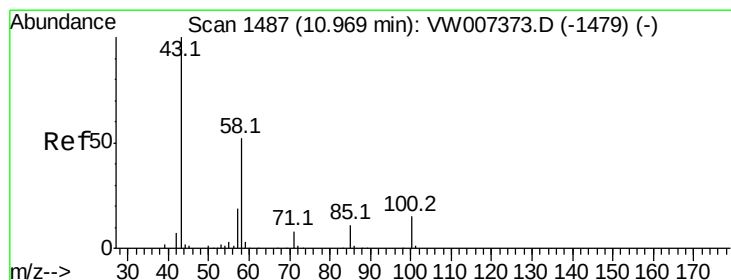
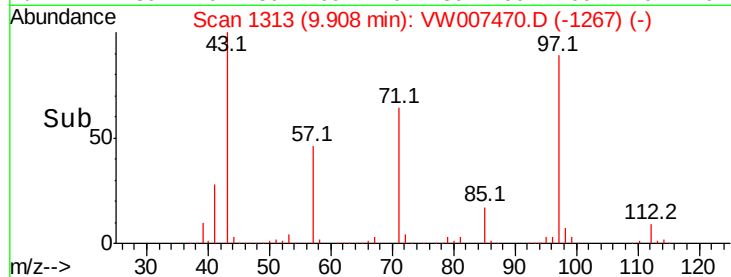
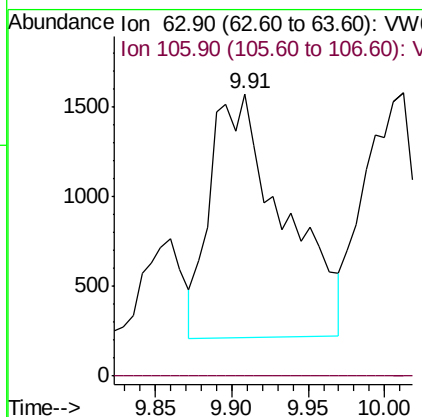
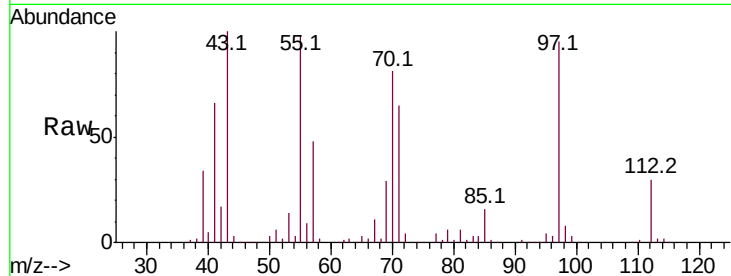




#58
2-Chloroethyl Vinyl ether
Concen: 13.987 ug/l
RT: 9.91 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

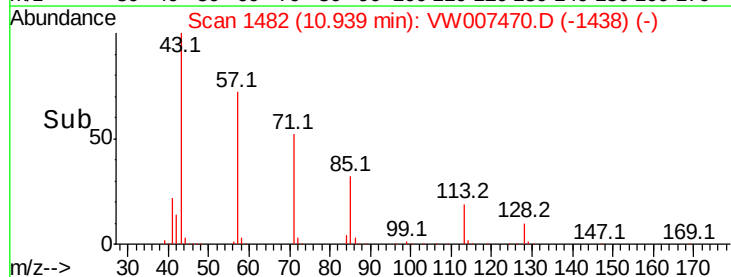
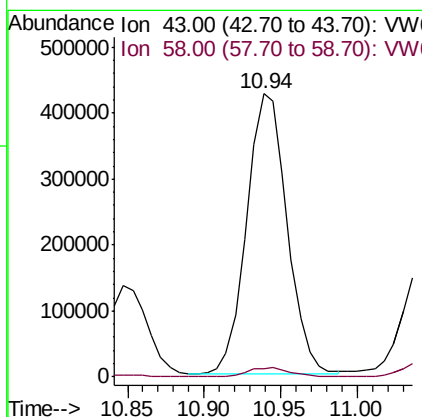
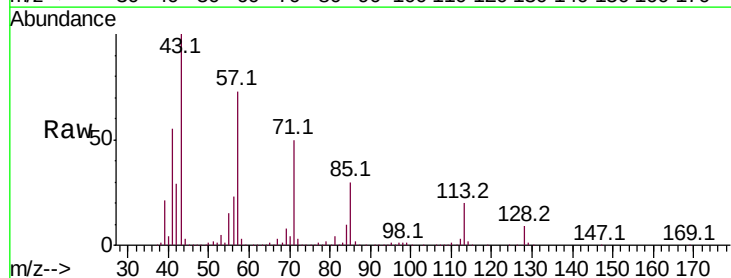
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

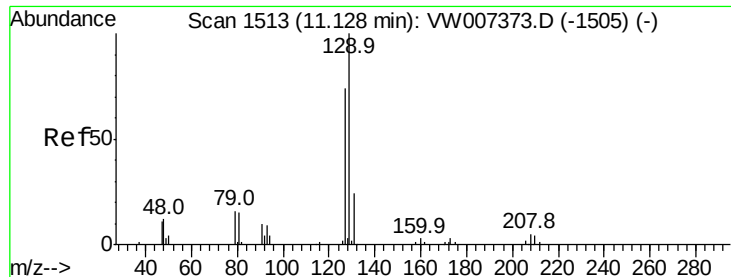
Tot Ion: 63 Resp: 4525
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#59
2-Hexanone
Concen: 2879.828 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion: 43 Resp: 783879
Ion Ratio Lower Upper
43 100
58 3.6 27.1 81.3#





#60

Dibromochloromethane

Concen: 3.759 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. -0.09 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampled :

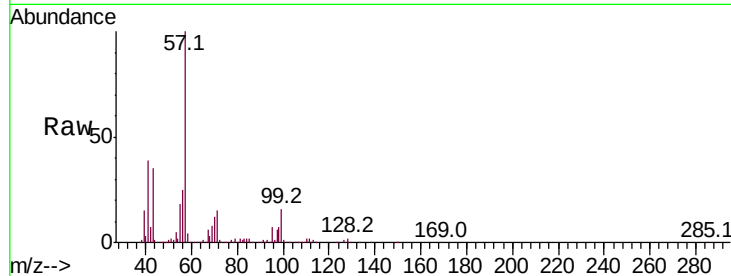
072-DUP-1

Tot Ion:129 Resp: 2769

Ion Ratio Lower Upper

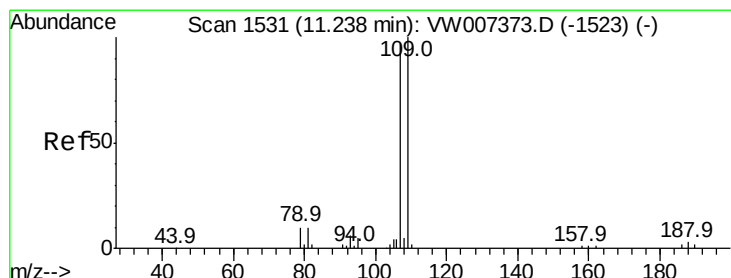
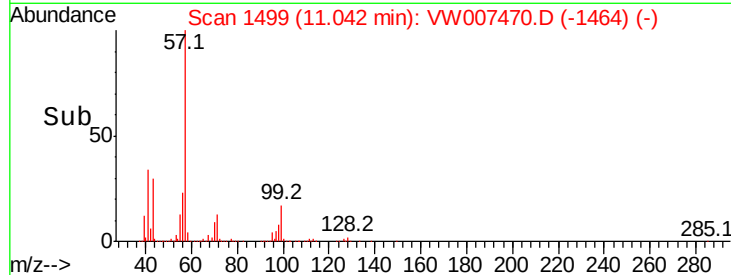
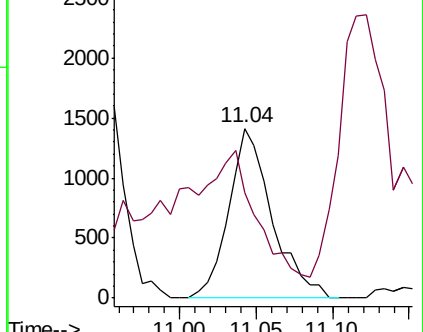
129 100

127 103.8 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: 7.658 ug/l

RT: 11.21 min Scan# 1527

Delta R.T. -0.02 min

Lab File: VW007470.D

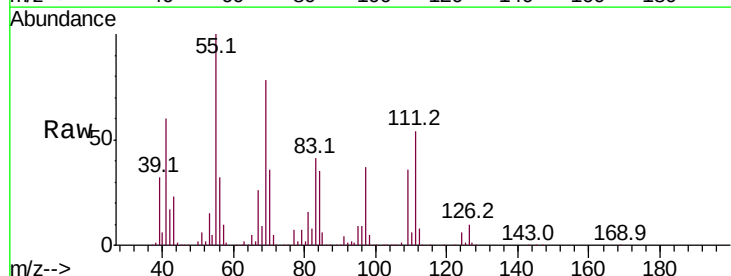
Acq: 13 Dec 2018 05:41

Tgt Ion:107 Resp: 4417

Ion Ratio Lower Upper

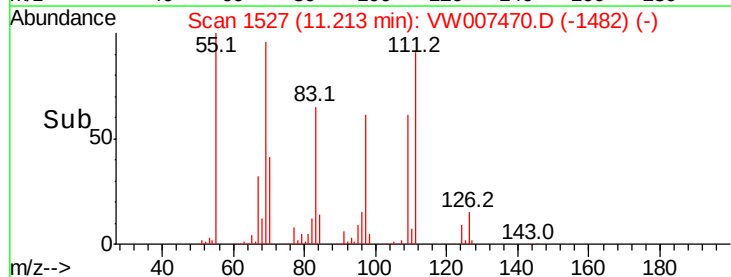
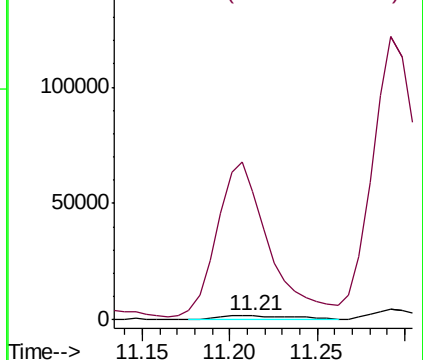
107 100

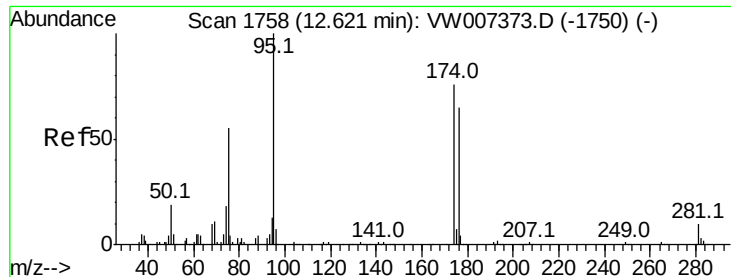
109 3107.9 79.1 118.7#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

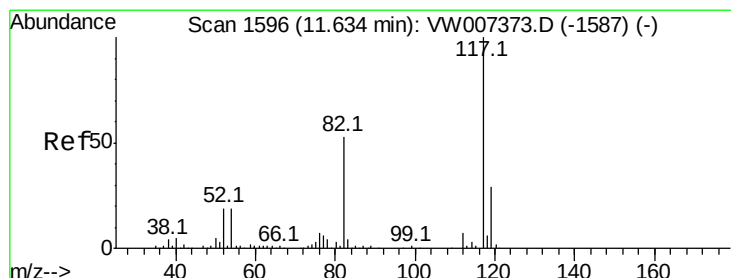
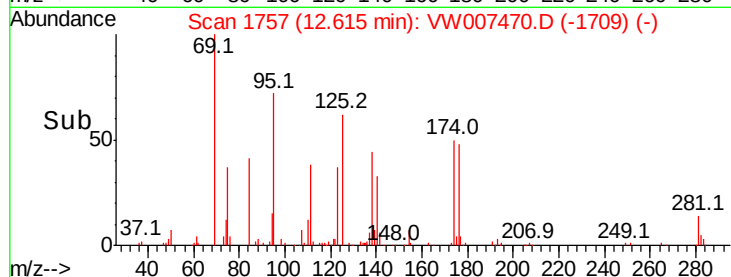
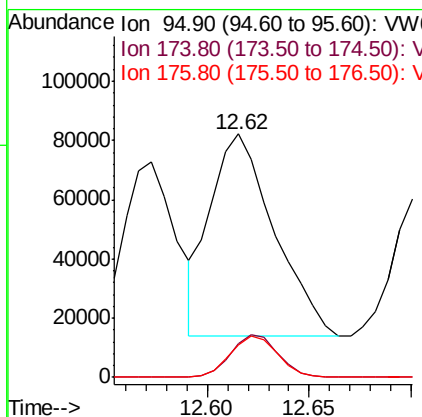
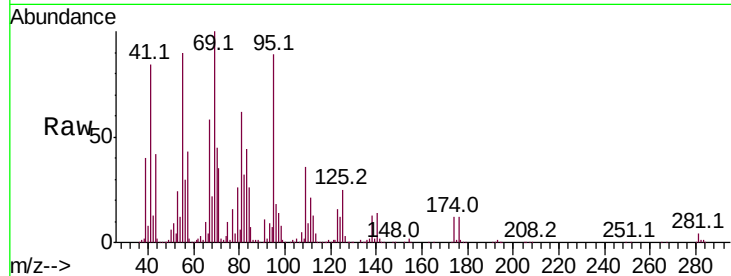




#62
4-Bromofluorobenzene
Concen: 138.764 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

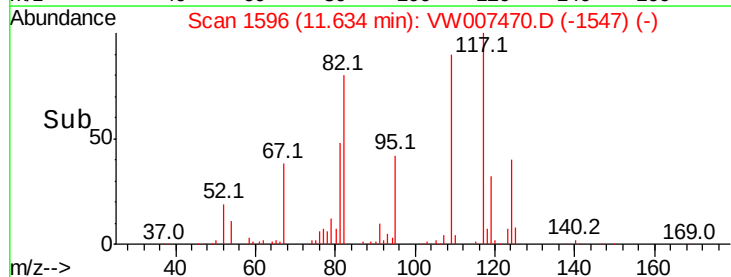
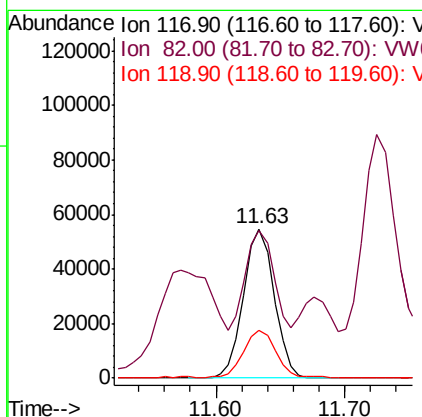
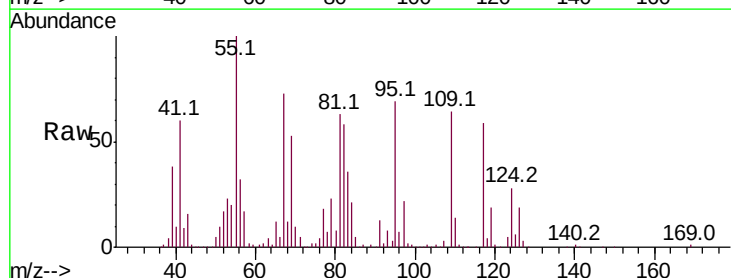
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

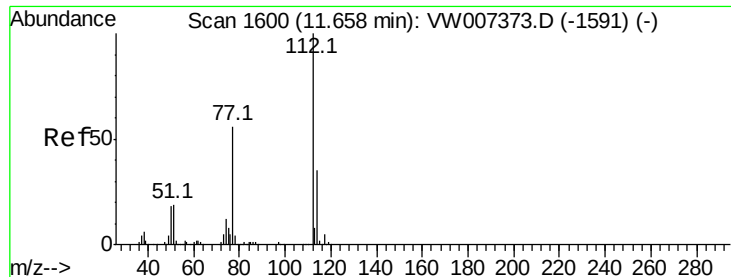
Tot Ion: 95 Resp: 149273
Ion Ratio Lower Upper
95 100
174 15.7 0.0 147.2
176 15.0 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion: 117 Resp: 90650
Ion Ratio Lower Upper
117 100
82 67.3 42.3 63.5#
119 31.9 23.0 34.6





#65

Chlorobenzene

Concen: 3.325 ug/l

RT: 11.56 min Scan# 1584

Delta R.T. -0.10 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

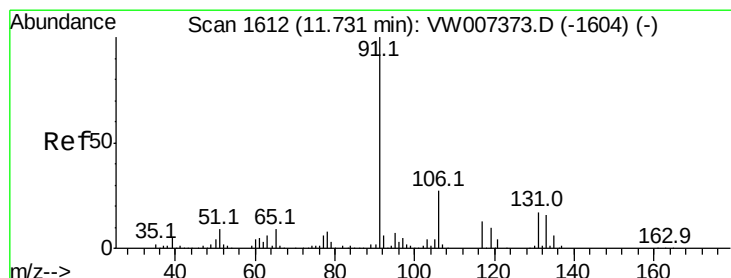
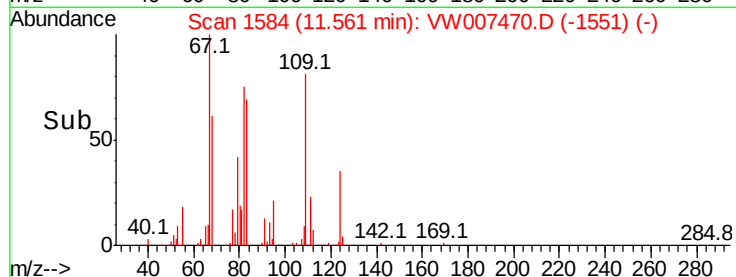
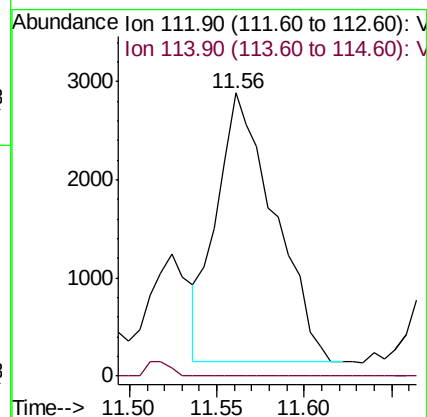
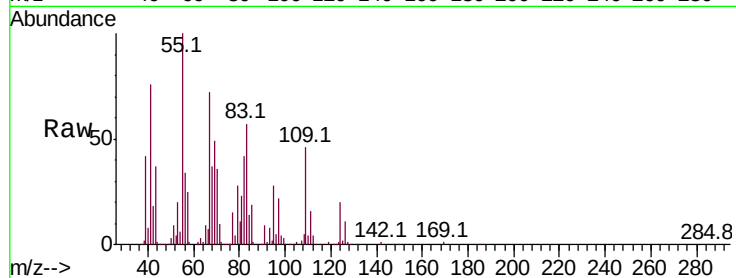
072-DUP-1

Tot Ion:112 Resp: 6283

Ion Ratio Lower Upper

112 100

114 0.0 27.8 41.8#



#67

Ethyl Benzene

Concen: 5.388 ug/l

RT: 11.75 min Scan# 1615

Delta R.T. 0.02 min

Lab File: VW007470.D

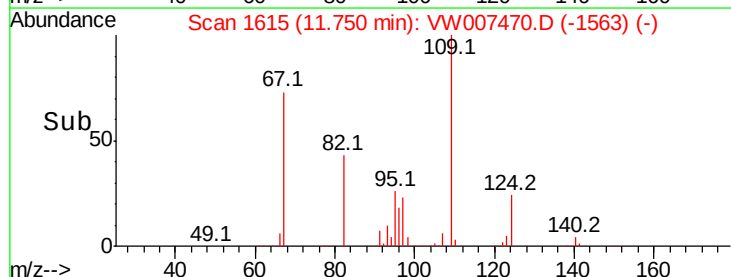
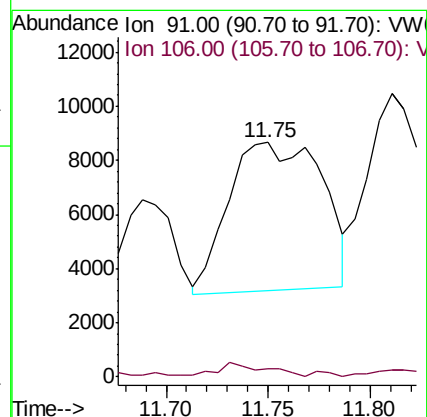
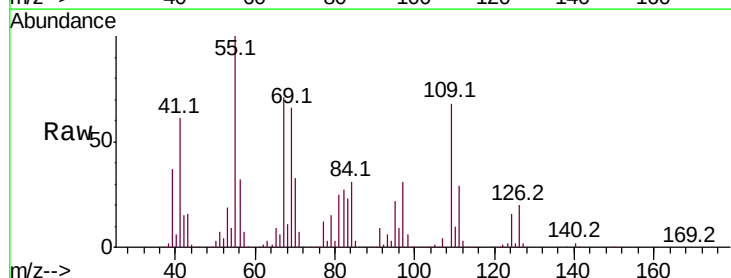
Acq: 13 Dec 2018 05:41

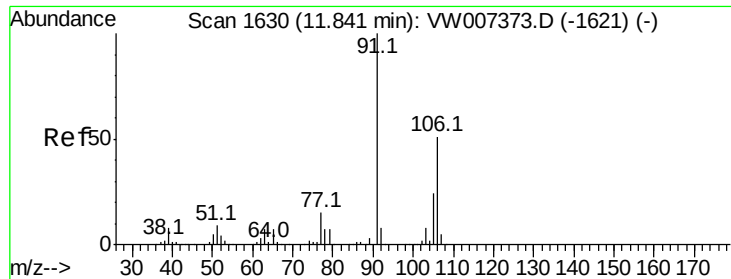
Tgt Ion: 91 Resp: 17504

Ion Ratio Lower Upper

91 100

106 5.7 21.8 32.8#

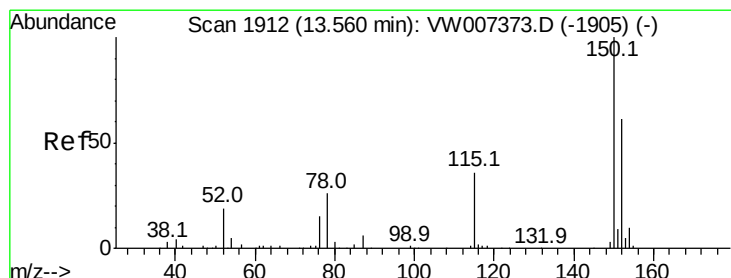
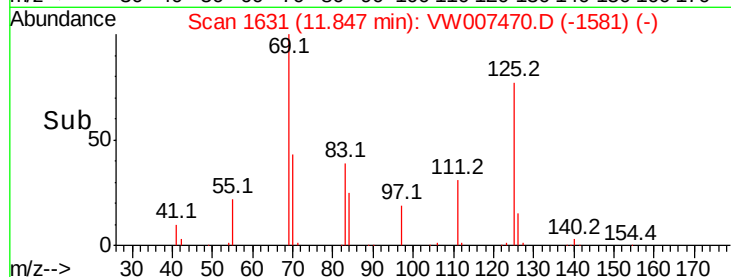
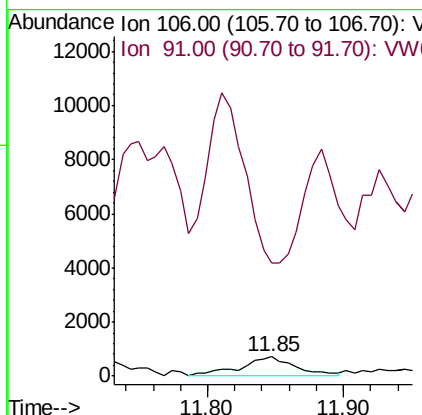
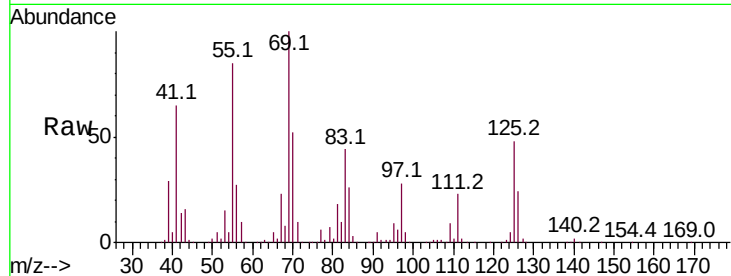




#68
m/p-Xylenes
Concen: 1.621 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

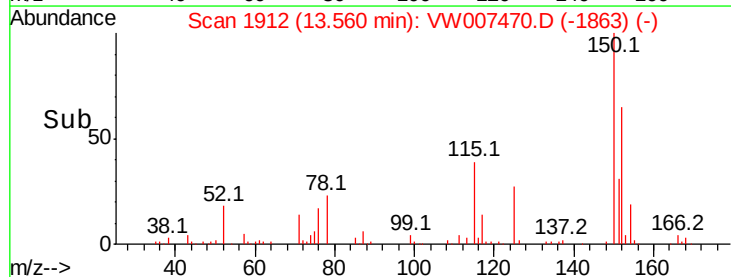
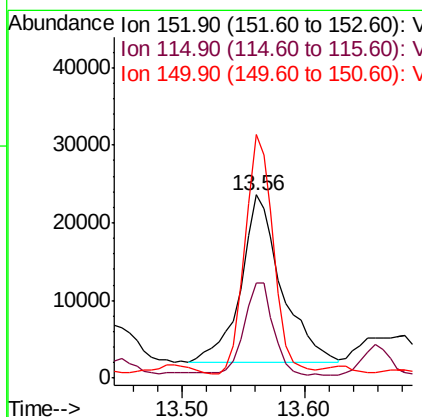
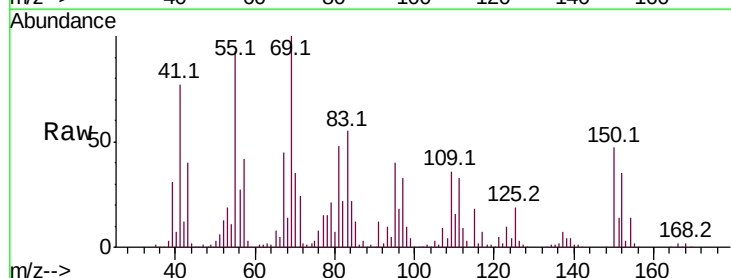
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

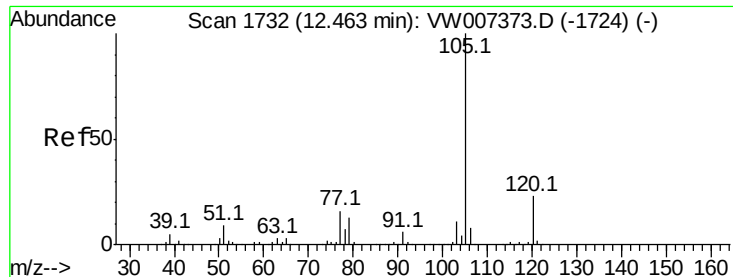
Tot Ion:106 Resp: 2047
Ion Ratio Lower Upper
106 100
91 0.0 165.3 247.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion:152 Resp: 49875
Ion Ratio Lower Upper
152 100
115 39.6 31.4 94.2
150 99.4 0.0 358.4





#73

Isopropylbenzene

Concen: 62.790 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

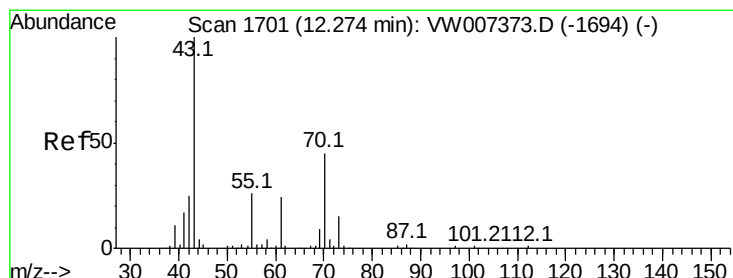
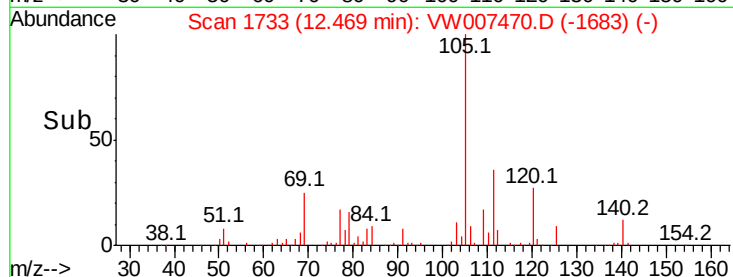
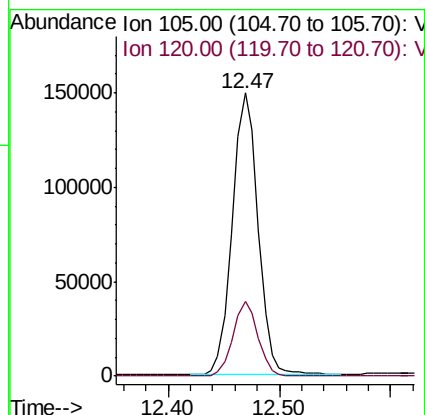
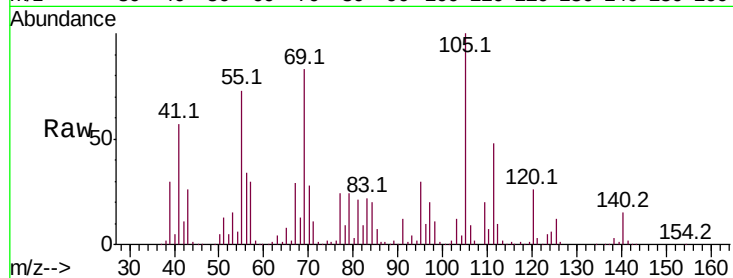
072-DUP-1

Tot Ion:105 Resp: 239960

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 747.868 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Tgt Ion: 43 Resp: 519428

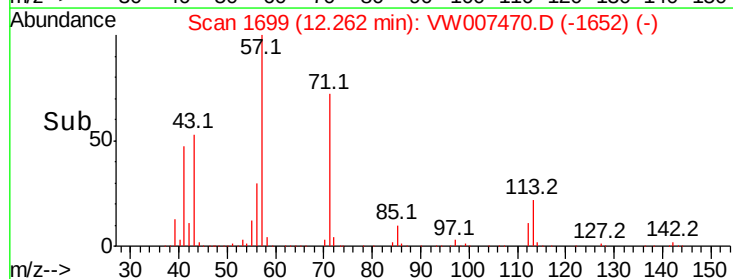
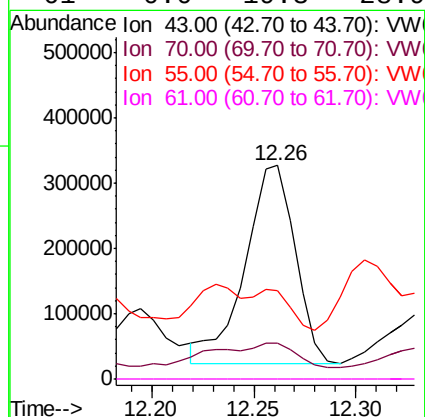
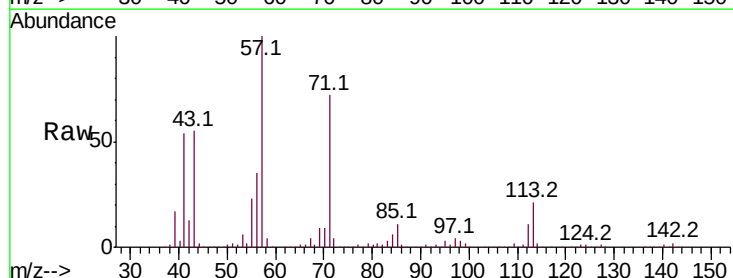
Ion Ratio Lower Upper

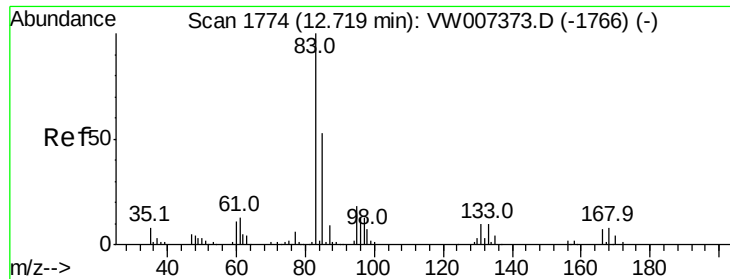
43 100

70 20.5 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

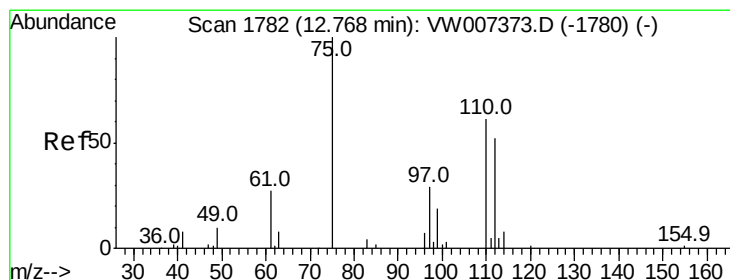
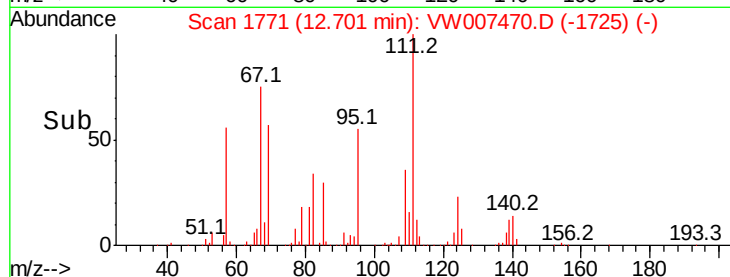
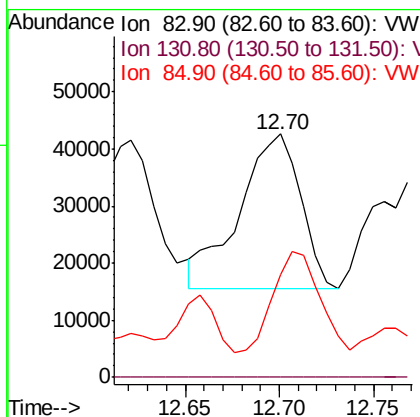
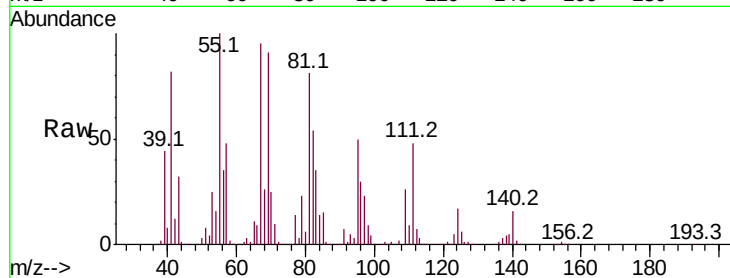




#75
 1,1,2,2-Tetrachloroethane
 Concen: 107.020 ug/l
 RT: 12.70 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

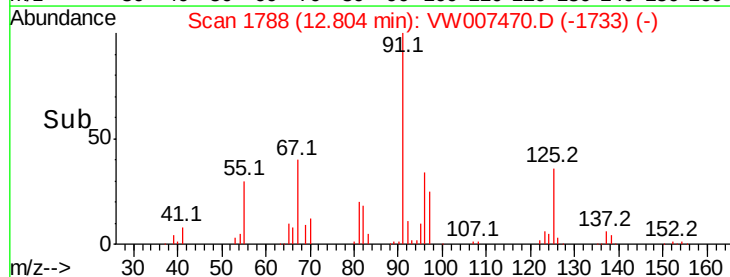
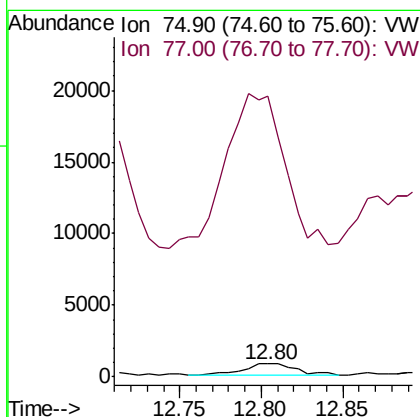
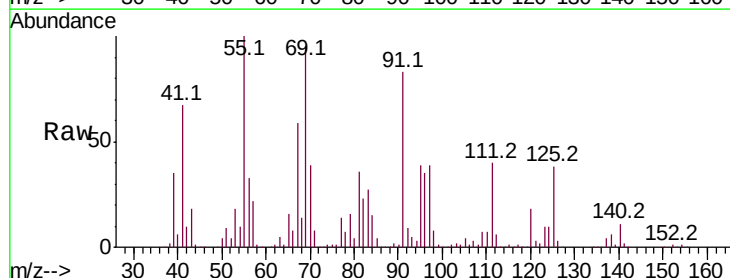
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

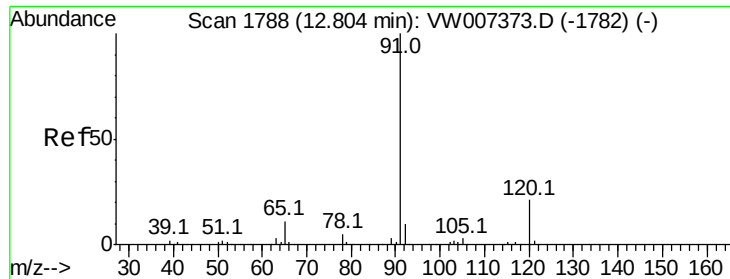
Tot Ion: 83 Resp: 60576
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.9 17.8#
 85 49.6 30.0 90.0



#76
 1,2,3-Trichloropropane
 Concen: 3.905 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.04 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Tgt Ion: 75 Resp: 1606
 Ion Ratio Lower Upper
 75 100
 77 1702.1 166.9 500.8#





#78

n-propylbenzene

Concen: 45.037 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

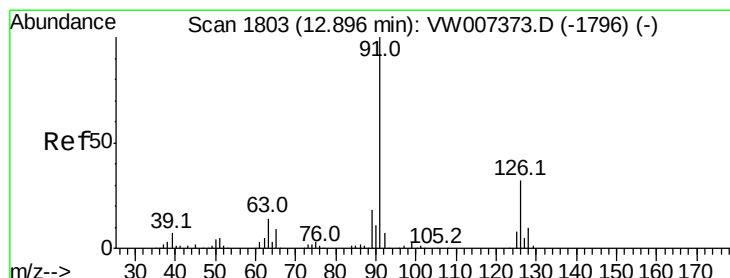
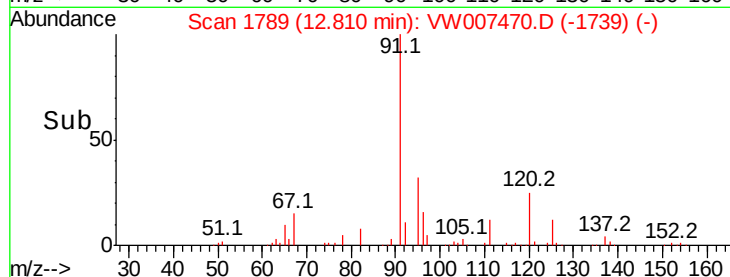
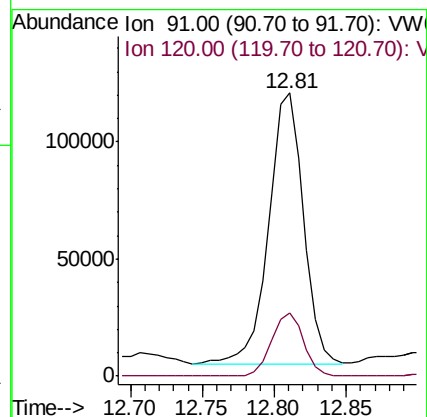
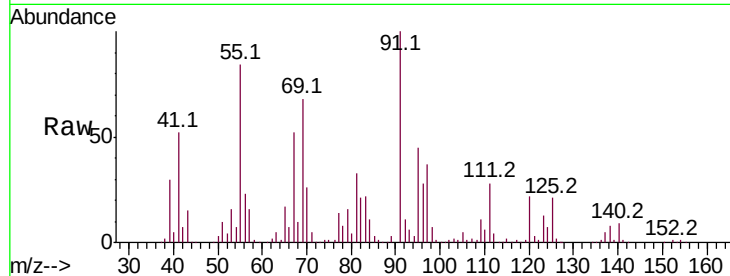
072-DUP-1

Tot Ion: 91 Resp: 193700

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 5.241 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VW007470.D

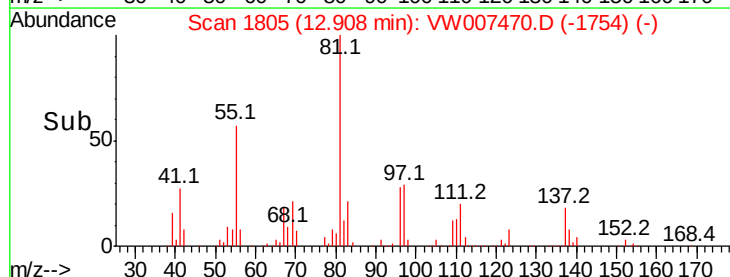
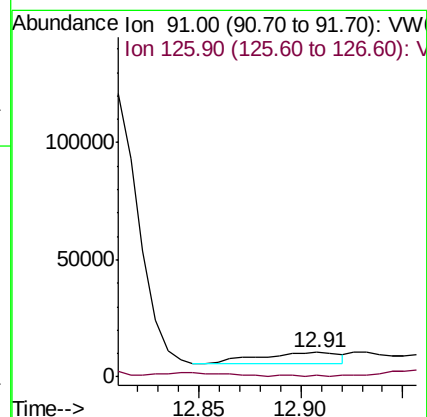
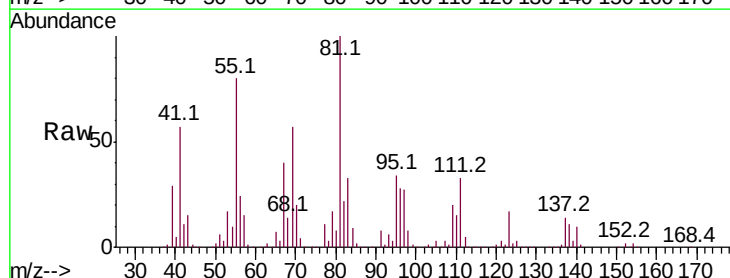
Acq: 13 Dec 2018 05:41

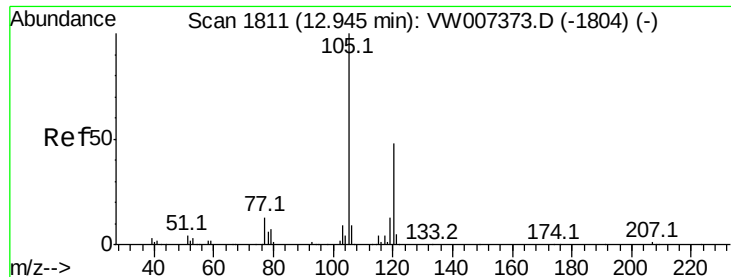
Tgt Ion: 91 Resp: 13639

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.6#





#80

1,3,5-Trimethylbenzene

Concen: 8.425 ug/l

RT: 13.11 min Scan# 1838

Delta R.T. 0.16 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

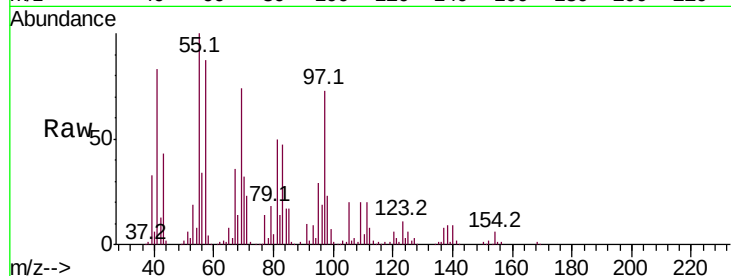
072-DUP-1

Tot Ion:105 Resp: 27053

Ion Ratio Lower Upper

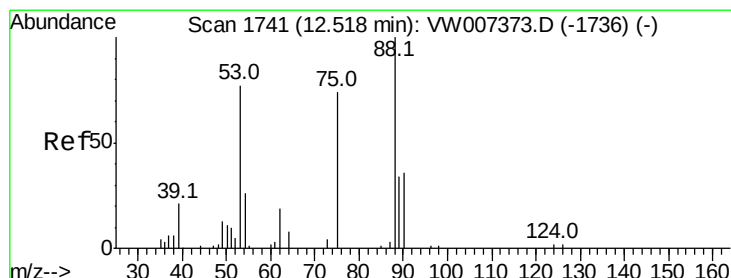
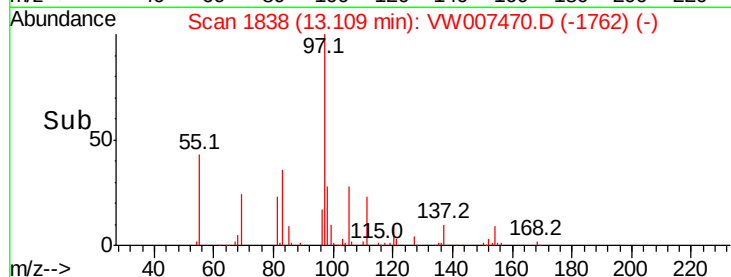
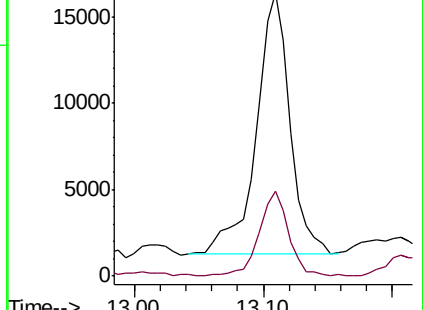
105 100

120 28.8 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: 15.298 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

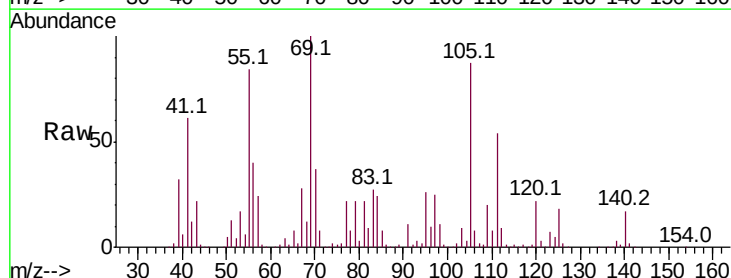
Tgt Ion: 75 Resp: 2848

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

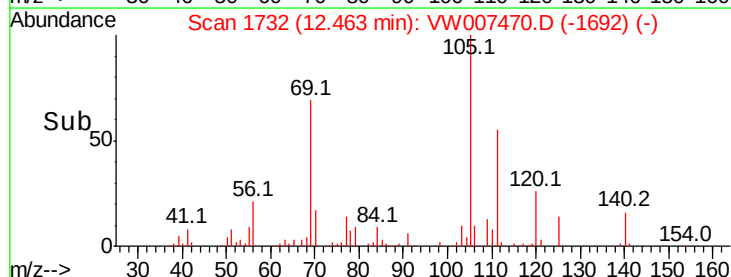
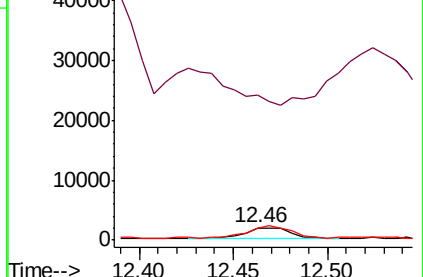
89 142.4 40.3 60.5#

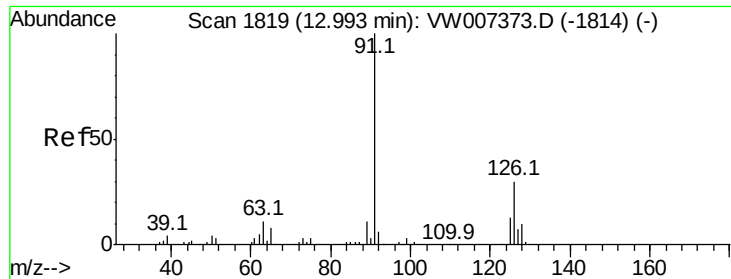


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 2.644 ug/l

RT: 13.13 min Scan# 1842

Delta R.T. 0.14 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

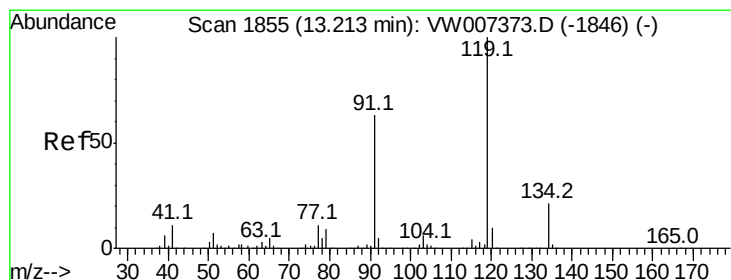
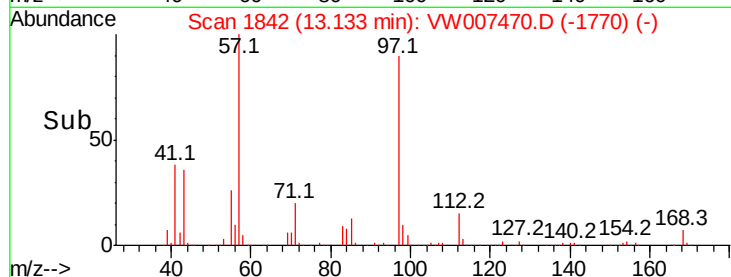
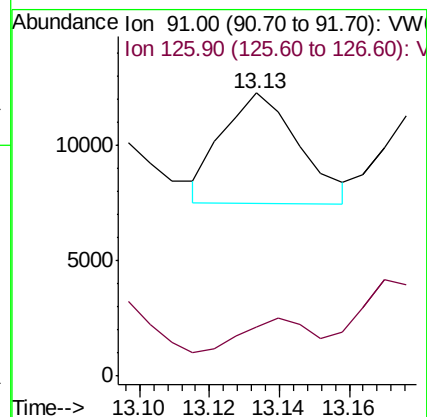
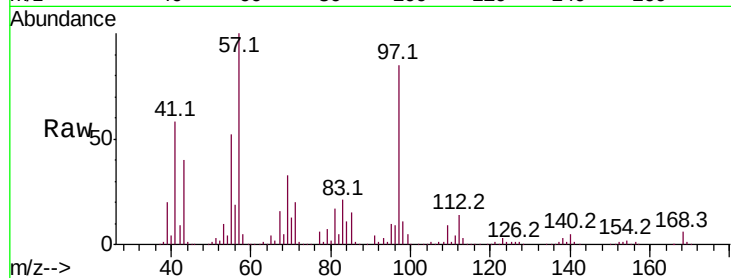
072-DUP-1

Tot Ion: 91 Resp: 7253

Ion Ratio Lower Upper

91 100

126 27.6 16.0 48.0



#83

tert-Butylbenzene

Concen: 7.122 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

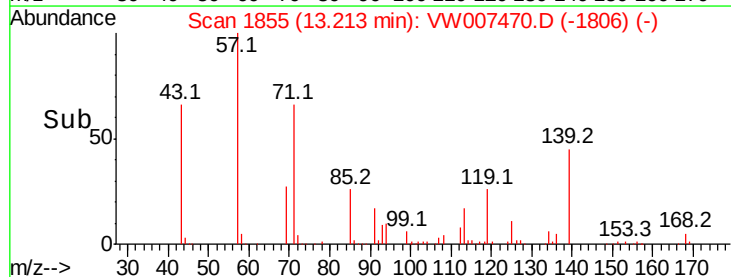
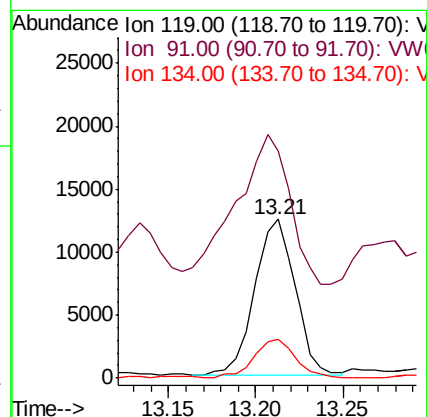
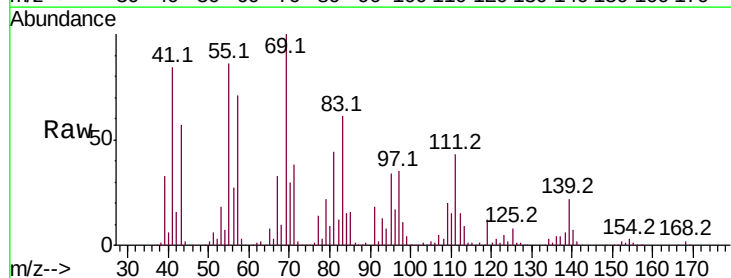
Tgt Ion: 119 Resp: 20150

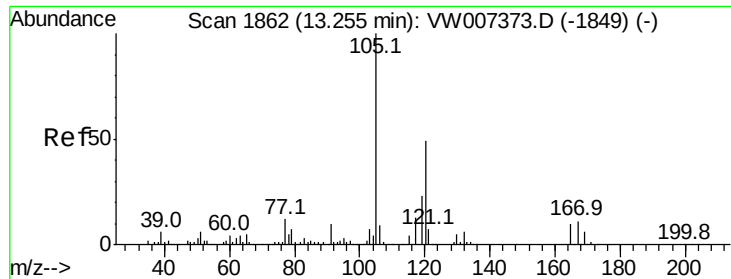
Ion Ratio Lower Upper

119 100

91 128.8 33.1 99.2#

134 25.7 12.5 37.5

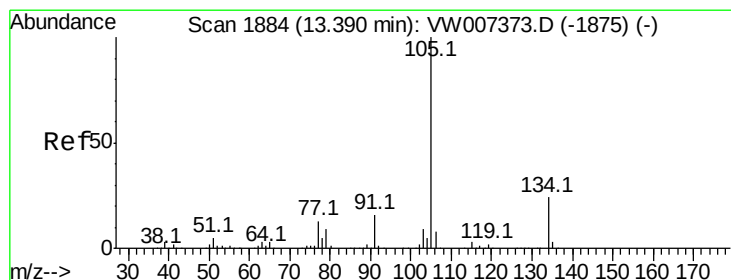
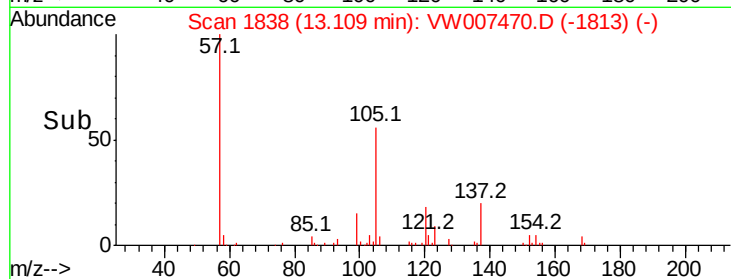
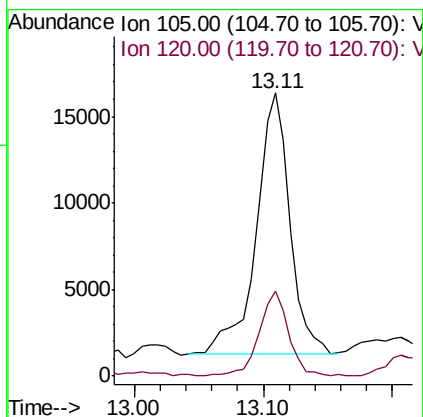
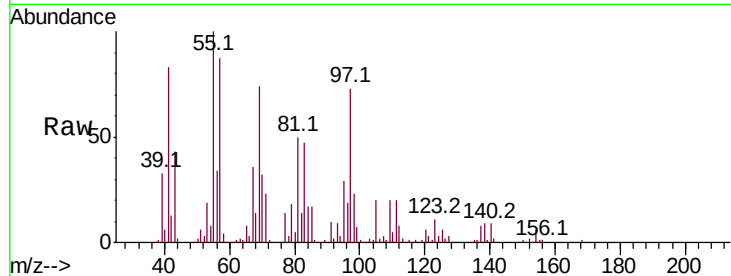




#84
1,2,4-Trimethylbenzene
Concen: 8.187 ug/l
RT: 13.11 min Scan# 1838
Delta R.T. -0.15 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

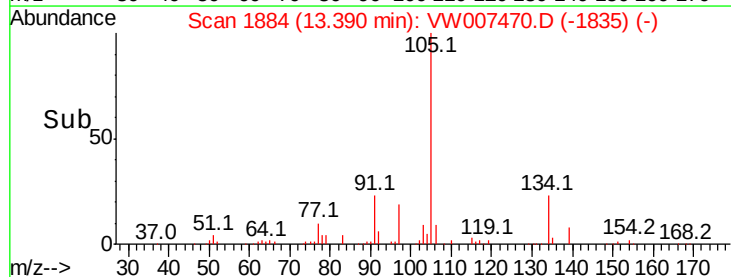
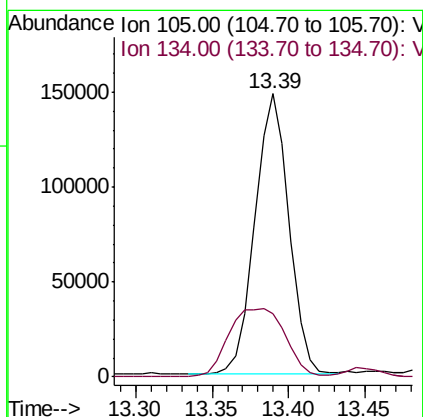
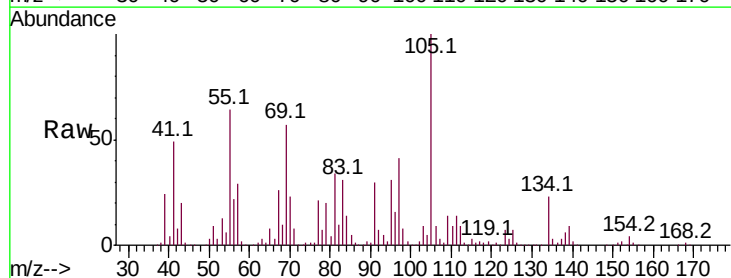
Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

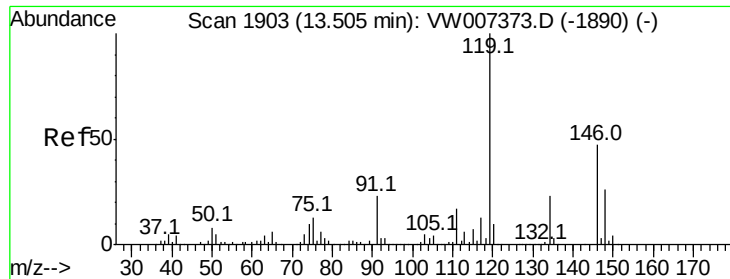
Tot Ion:105 Resp: 27053
Ion Ratio Lower Upper
105 100
120 28.8 22.6 67.7



#85
sec-Butylbenzene
Concen: 59.311 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion:105 Resp: 229089
Ion Ratio Lower Upper
105 100
134 40.1 11.1 33.3#

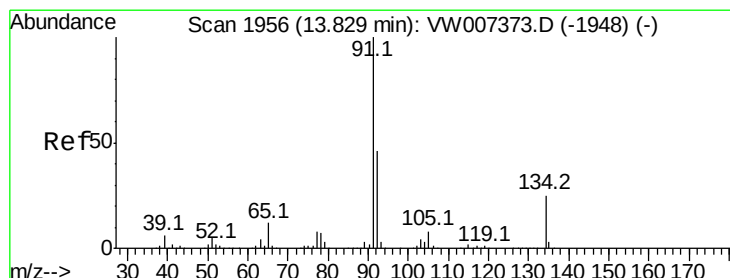
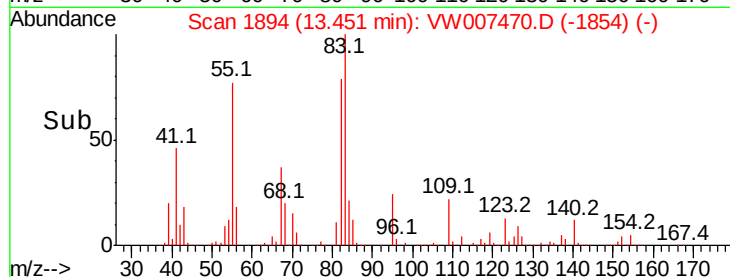
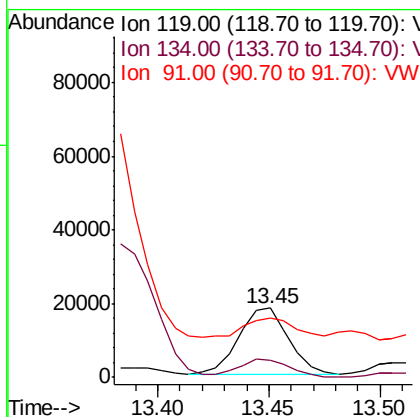
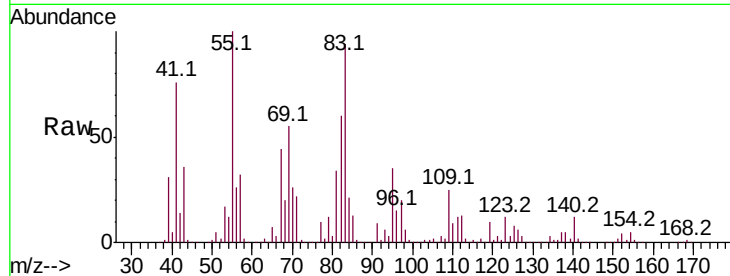




#86
 p-Isopropyltoluene
 Concen: 8.163 ug/l
 RT: 13.45 min Scan# 1894
 Delta R.T. -0.05 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

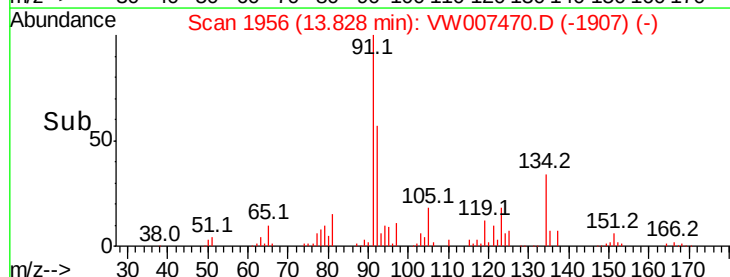
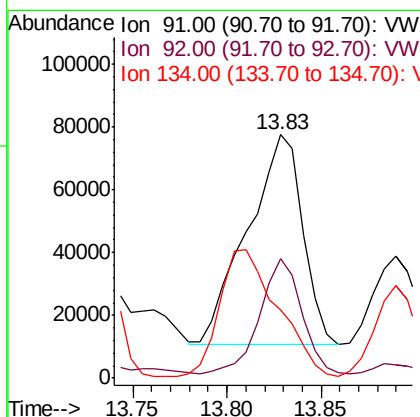
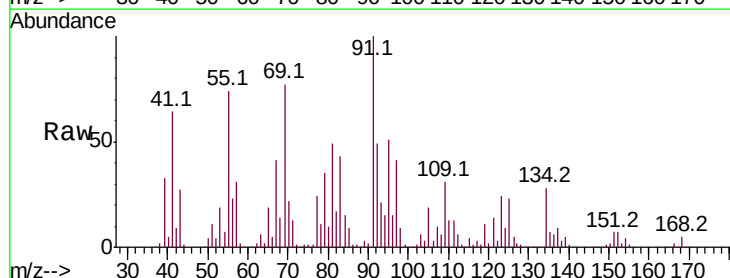
Instrument :
 MSVOA_W
 ClientSampleId :
 072-DUP-1

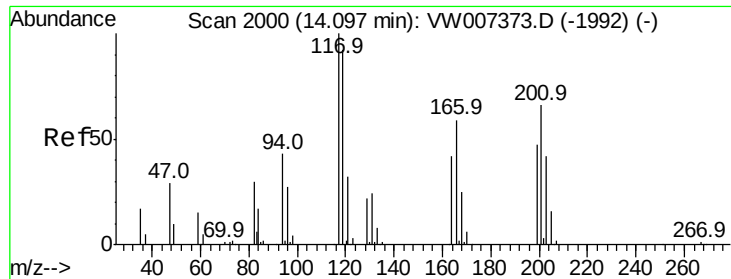
Tot Ion: 119 Resp: 28327
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 50.3 11.9 35.9#



#89
 n-Butylbenzene
 Concen: 41.916 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007470.D
 Acq: 13 Dec 2018 05:41

Tgt Ion: 91 Resp: 134837
 Ion Ratio Lower Upper
 91 100
 92 42.5 25.7 77.1
 134 64.5 13.4 40.2#





#90

Hexachloroethane

Concen: 106.595 ug/l

RT: 14.16 min Scan# 2011

Delta R.T. 0.07 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

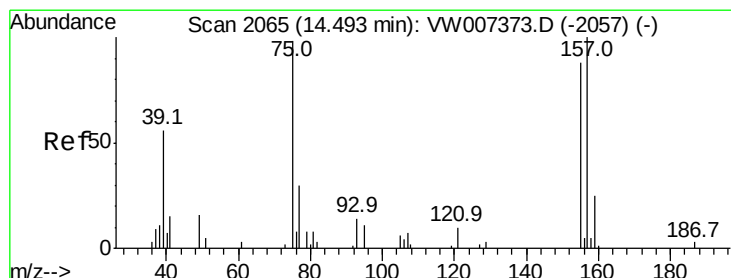
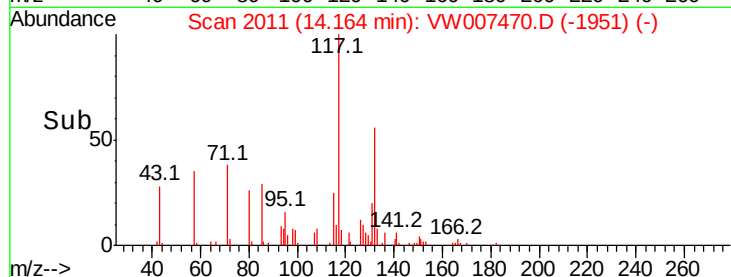
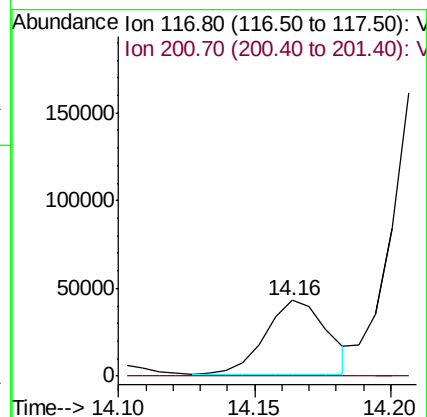
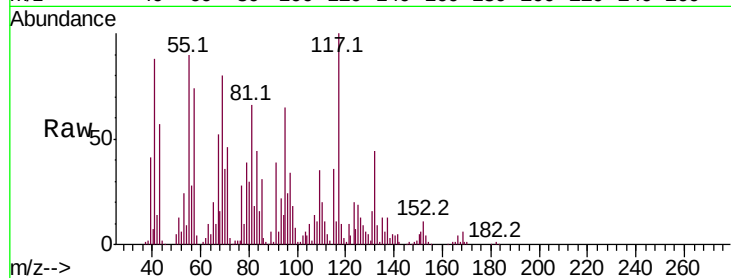
072-DUP-1

Tot Ion:117 Resp: 65813

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 30.170 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW007470.D

Acq: 13 Dec 2018 05:41

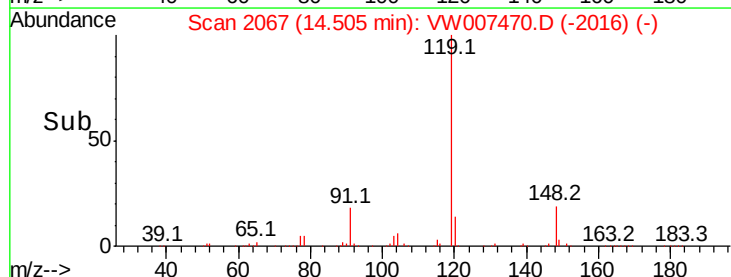
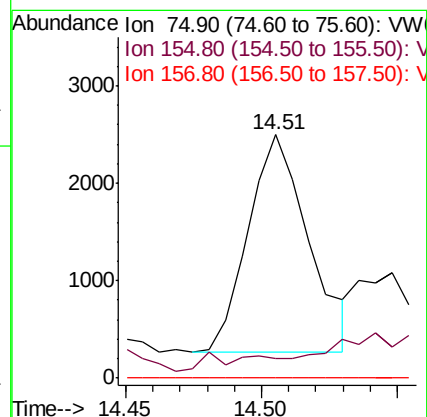
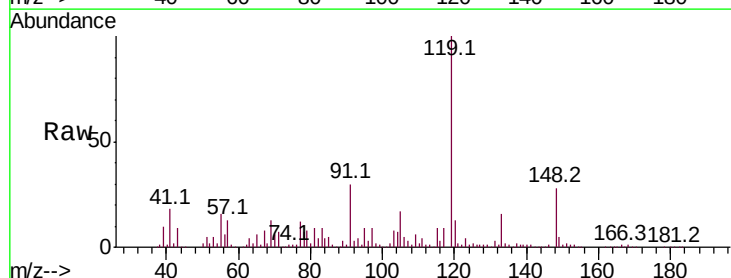
Tgt Ion: 75 Resp: 3427

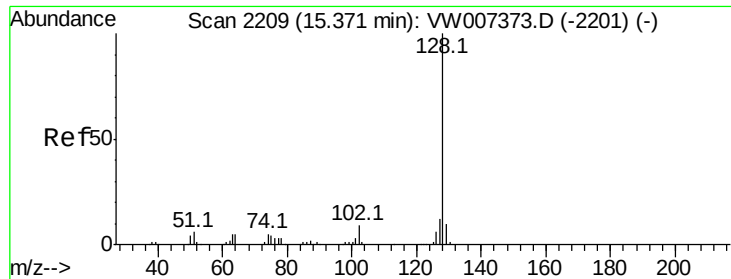
Ion Ratio Lower Upper

75 100

155 0.0 40.8 122.2#

157 0.0 51.1 153.4#

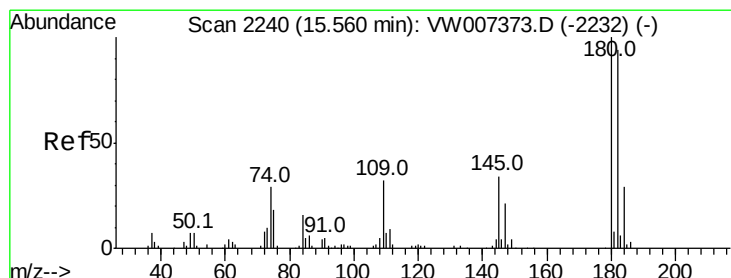
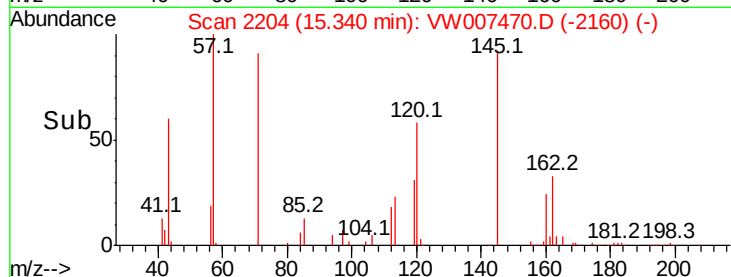
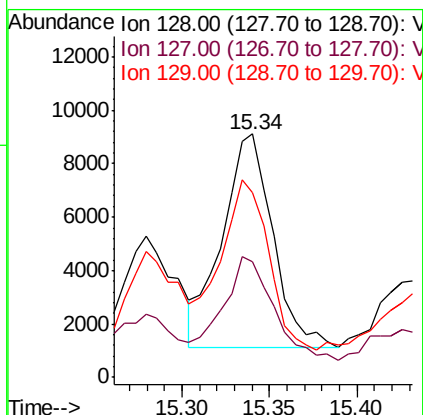
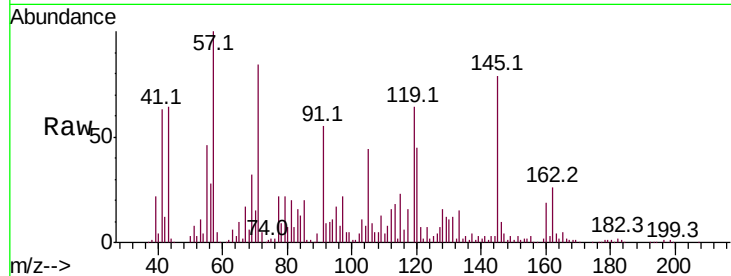




#95
Naphthalene
Concen: 8.092 ug/l
RT: 15.34 min Scan# 2204
Delta R.T. -0.03 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Instrument :
MSVOA_W
ClientSampleId :
072-DUP-1

Tot Ion:128 Resp: 16116
Ion Ratio Lower Upper
128 100
127 49.2 10.2 15.4#
129 76.1 8.3 12.5#



#96
1,2,3-Trichlorobenzene
Concen: 1.199 ug/l
RT: 15.59 min Scan# 2245
Delta R.T. 0.03 min
Lab File: VW007470.D
Acq: 13 Dec 2018 05:41

Tgt Ion:180 Resp: 1084
Ion Ratio Lower Upper
180 100
182 58.3 45.6 136.7
145 0.0 17.5 52.5#

