

Data File : VW013419.D
Acq On : 03 Oct 2019 14:27
Operator : SY/VA
Sample : K5176-05
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

Quant Time: Oct 04 08:24:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	60786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105769	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	7.88	113	106607	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.32	98	387480	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	12.62	95	92748	33.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.02%	

Target Compounds

						Qvalue
7) Trichlorofluoromethane	3.24	101	3711	3.710	ug/l	99
11) Tert butyl alcohol	5.12	59	4969	Below Cal	#	73
13) Acrolein	3.89	56	403	12.586	ug/l #	15
14) Allyl chloride	4.72	41	3539	1.021	ug/l #	36
16) Acetone	4.14	43	106455	182.750	ug/l	97
17) Carbon Disulfide	4.37	76	15995	2.447	ug/l	98
20) Methylene Chloride	4.90	84	60146	23.795	ug/l	97
25) 2-Butanone	7.18	43	32305	43.341	ug/l	94
26) 2,2-Dichloropropane	7.41	77	60	Below Cal		80
28) Bromochloromethane	7.67	49	31104	21.101	ug/l #	10
29) Tetrahydrofuran	7.52	42	218	10.177	ug/l #	34
30) Chloroform	7.67	83	420457	105.176	ug/l	99
31) Cyclohexane	7.91	56	127078	29.228	ug/l #	42
36) 1,1-Dichloropropene	7.94	75	16376	4.632	ug/l #	48
37) Ethyl Acetate	7.18	43	32305	20.790	ug/l #	69
38) Carbon Tetrachloride	7.95	117	22669	7.401	ug/l #	17
39) Methylcyclohexane	9.34	83	29108	6.251	ug/l	88
40) Benzene	8.32	78	11200	1.119	ug/l	99
43) Isopropyl Acetate	8.41	43	65274	22.225	ug/l #	50
48) Methyl methacrylate	9.38	41	5211	3.693	ug/l #	51
51) 4-Methyl-2-Pentanone	10.21	43	38931	25.230	ug/l	98
52) Toluene	10.38	92	576094	89.238	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	4807	2.692	ug/l #	21
59) 2-Hexanone	11.07	43	2992	2.797	ug/l	97
67) Ethyl Benzene	11.73	91	56441	6.038	ug/l	100
68) m/p-Xylenes	11.83	106	101221	28.055	ug/l	96
69) o-Xylene	12.16	106	52740	15.810	ug/l	96
70) Styrene	12.18	104	27468	4.817	ug/l #	73
73) Isopropylbenzene	12.47	105	29702	6.680	ug/l	84
74) N-amyl acetate	12.25	43	33331	35.223	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.74	83	947	1.258	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	44723	82.782	ug/l #	100
78) n-propylbenzene	12.80	91	43572	8.519	ug/l	99
79) 2-Chlorotoluene	12.87	91	14135	4.976	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.94	105	66525	18.011	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	44723	165.449	ug/l #	13
82) 4-Chlorotoluene	12.95	91	13647	4.586	ug/l #	49
83) tert-Butylbenzene	13.25	119	29791	9.234	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.25	105	231084	62.935	ug/l	99
85) sec-Butylbenzene	13.38	105	40839	9.181	ug/l	82
86) p-Isopropyltoluene	13.50	119	281707	68.338	ug/l #	75
89) n-Butylbenzene	13.71	91	69687	18.751	ug/l	82
90) Hexachloroethane	14.09	117	7167	10.524	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.46	75	367	3.260	ug/l #	9
95) Naphthalene	15.36	128	31999	14.886	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.57	180	1285	1.155	ug/l #	1

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

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```
ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

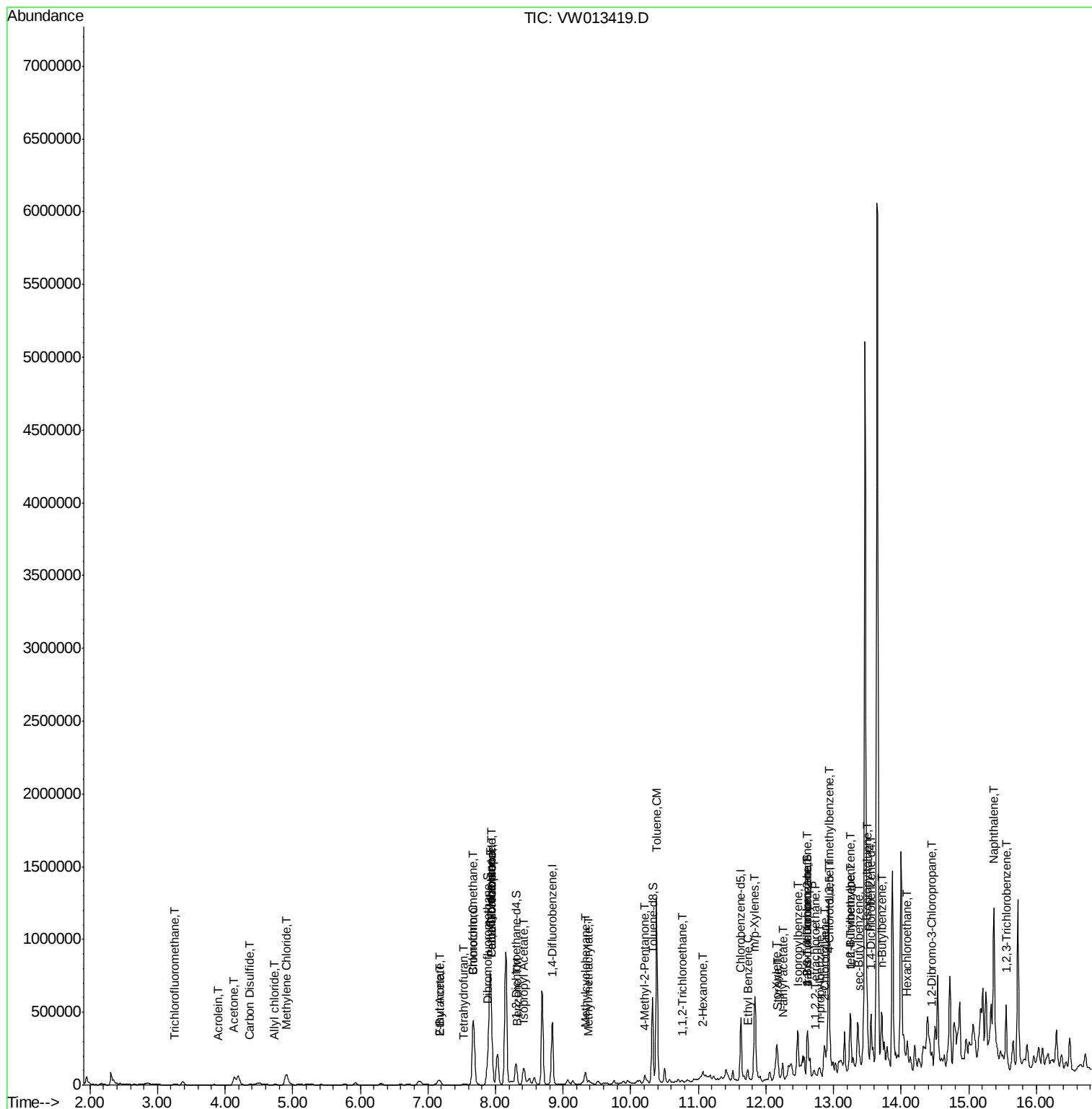
Quant Time: Oct 04 08:24:39 2019

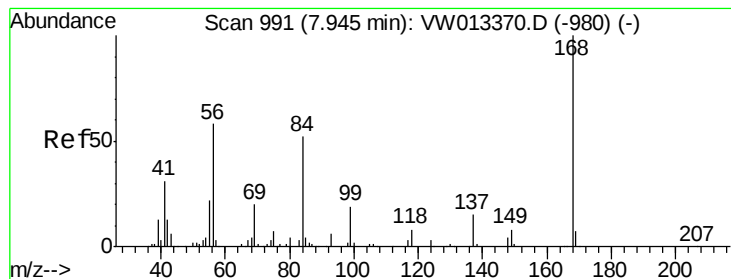
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W100119S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 02 11:49:57 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

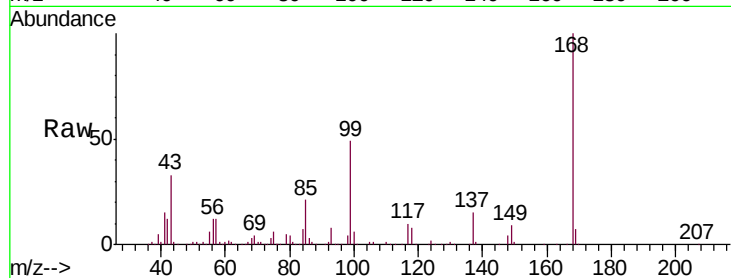
20190762-SS-COMP-2RE

Tgt Ion:168 Resp: 254519

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

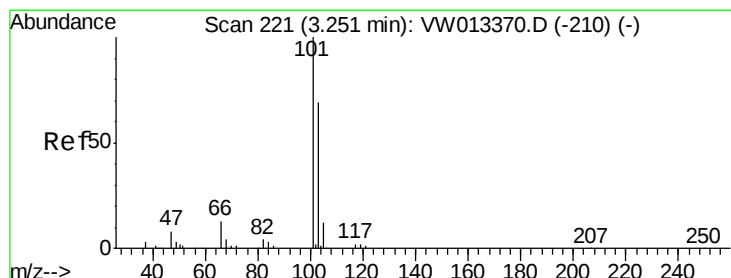
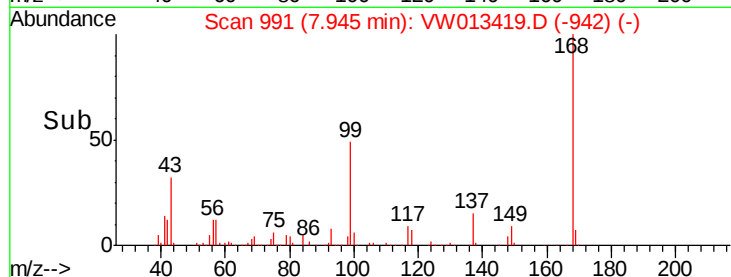
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#7

Trichlorofluoromethane

Concen: 3.710 ug/l

RT: 3.24 min Scan# 220

Delta R.T. -0.01 min

Lab File: VW013419.D

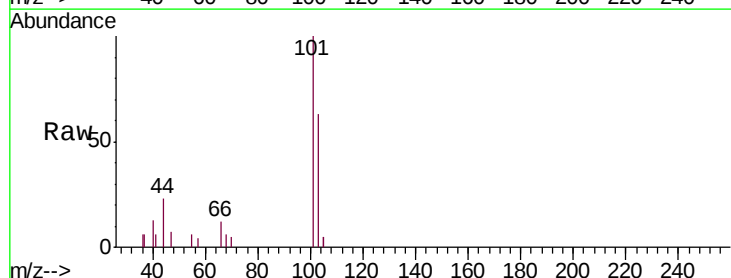
Acq: 03 Oct 2019 14:27

Tgt Ion:101 Resp: 3711

Ion Ratio Lower Upper

101 100

103 63.2 49.7 74.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.24

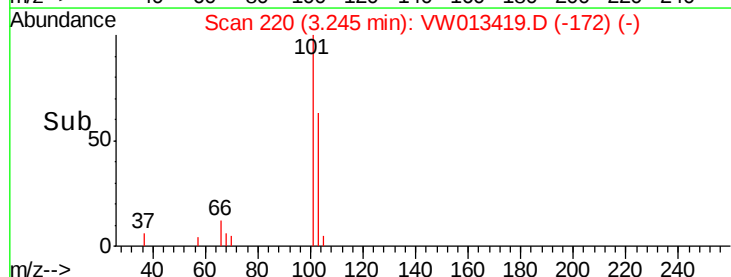
1500

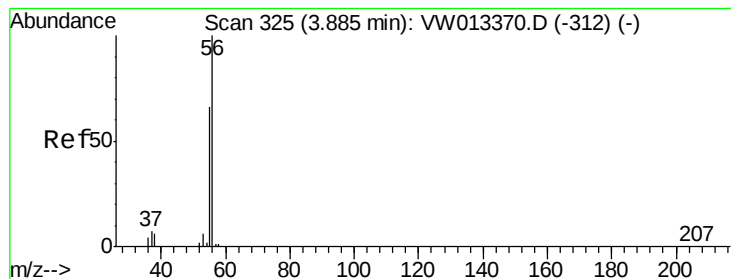
1000

500

0

Time--> 3.15 3.20 3.25 3.30





#13

Acrolein

Concen: 12.586 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

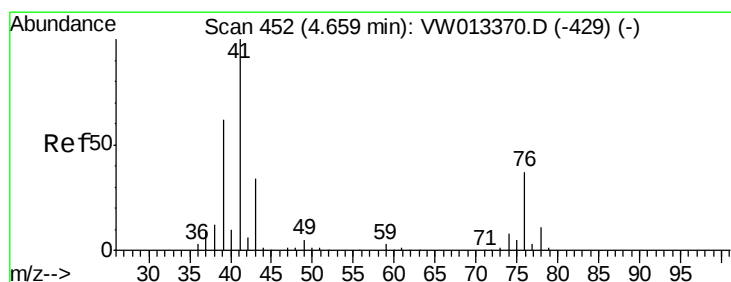
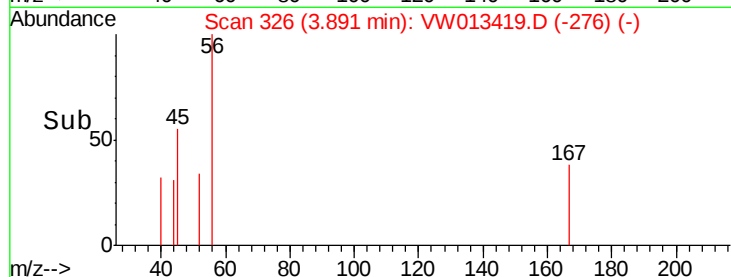
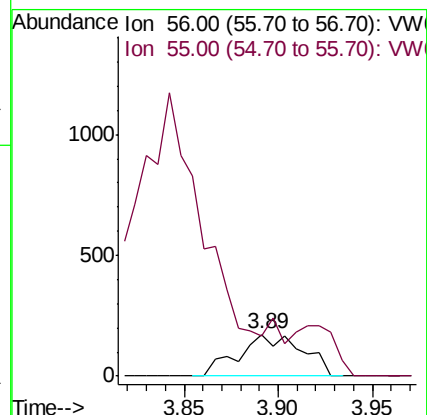
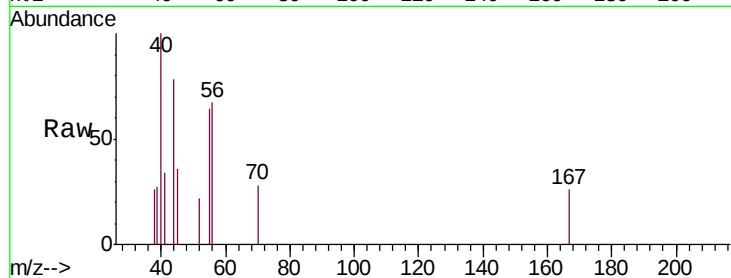
20190762-SS-COMP-2RE

Tgt Ion: 56 Resp: 403

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



#14

Allyl chloride

Concen: 1.021 ug/l

RT: 4.72 min Scan# 462

Delta R.T. 0.06 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

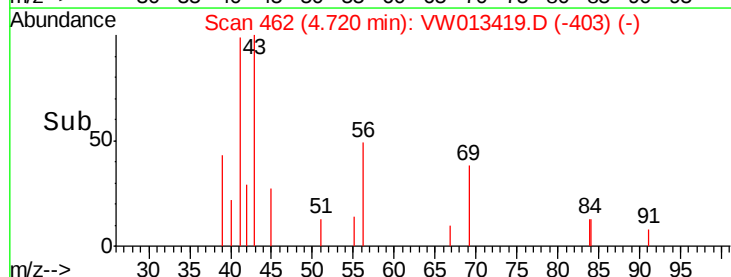
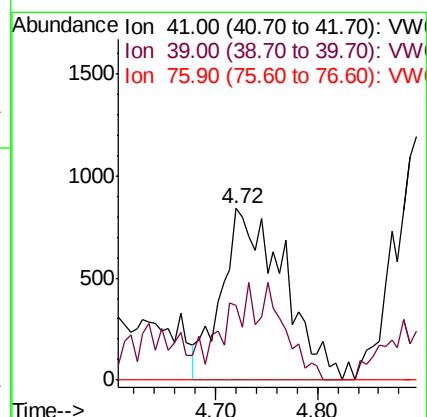
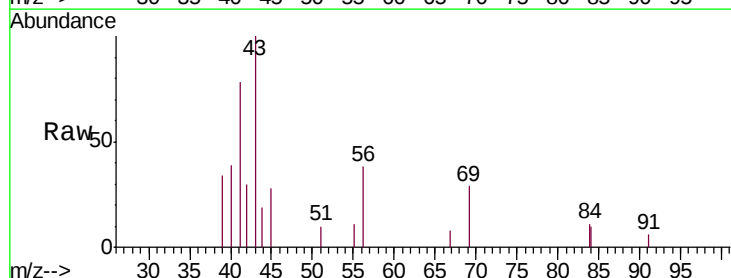
Tgt Ion: 41 Resp: 3539

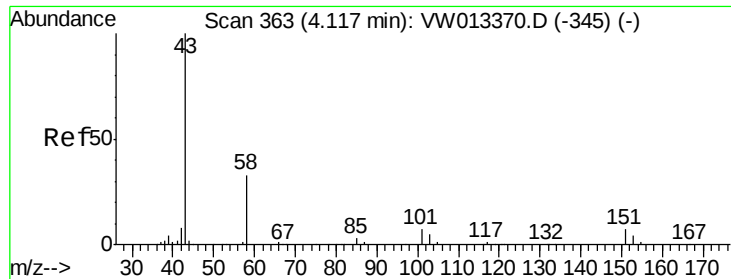
Ion Ratio Lower Upper

41 100

39 11.9 51.0 76.4#

76 0.0 28.4 42.6#





#16

Acetone

Concen: 182.750 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

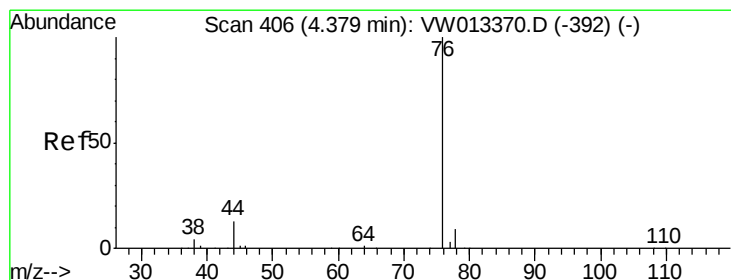
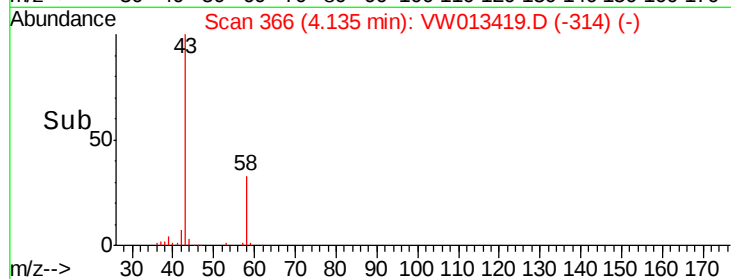
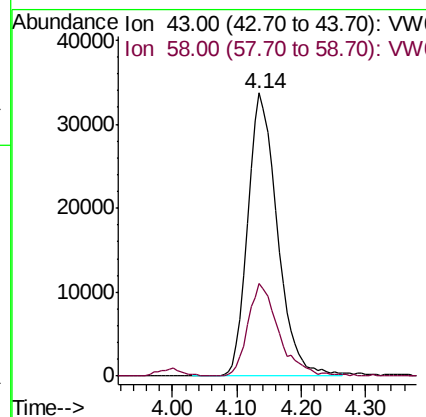
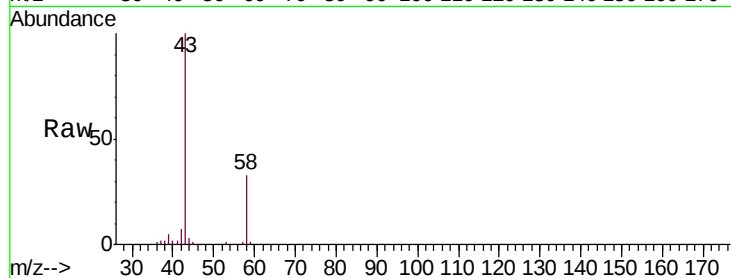
20190762-SS-COMP-2RE

Tgt Ion: 43 Resp: 106455

Ion Ratio Lower Upper

43 100

58 32.0 24.1 36.1



#17

Carbon Disulfide

Concen: 2.447 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013419.D

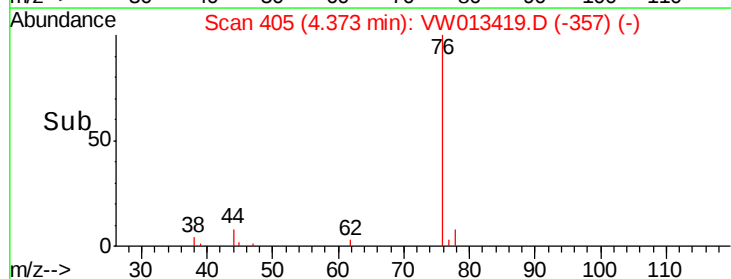
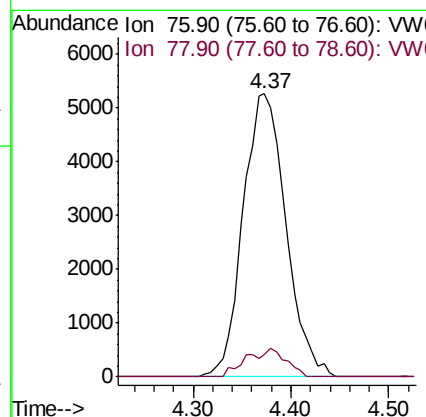
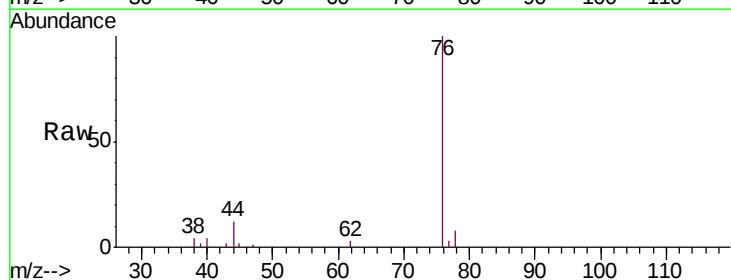
Acq: 03 Oct 2019 14:27

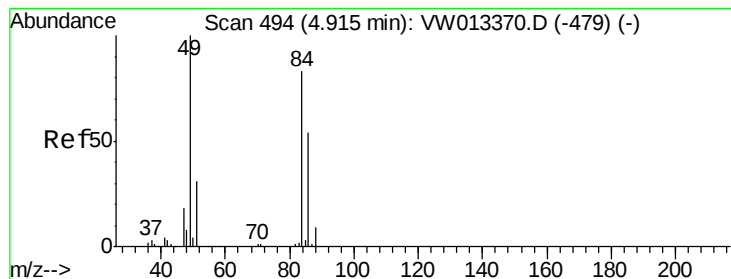
Tgt Ion: 76 Resp: 15995

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4





#20

Methylene Chloride

Concen: 23.795 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

Tgt Ion: 84 Resp: 60146

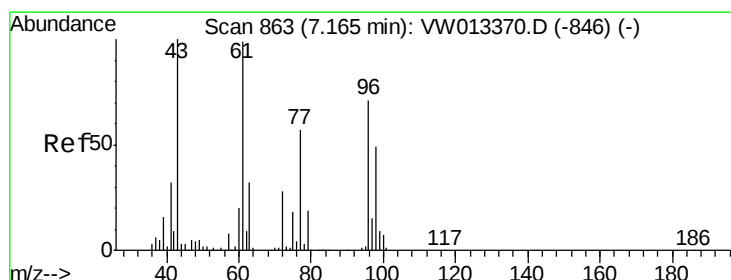
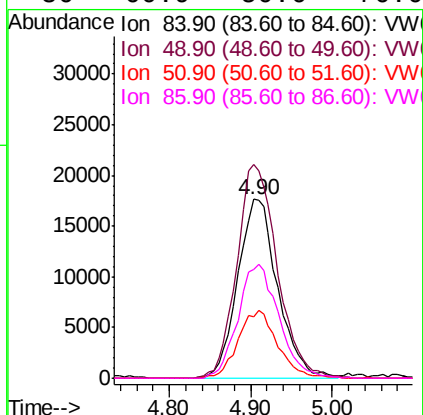
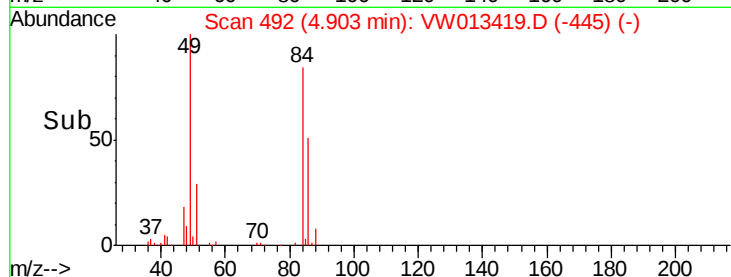
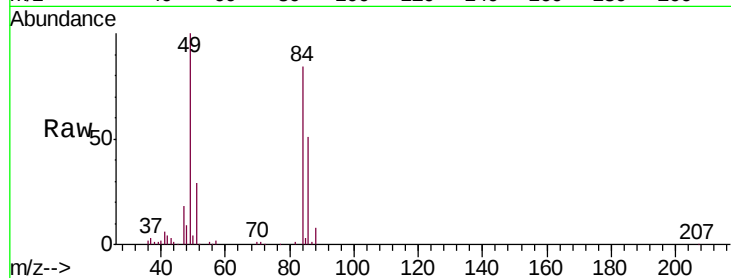
Ion Ratio Lower Upper

84 100

49 119.4 97.6 146.4

51 34.5 30.2 45.2

86 60.9 50.6 76.0



#25

2-Butanone

Concen: 43.341 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013419.D

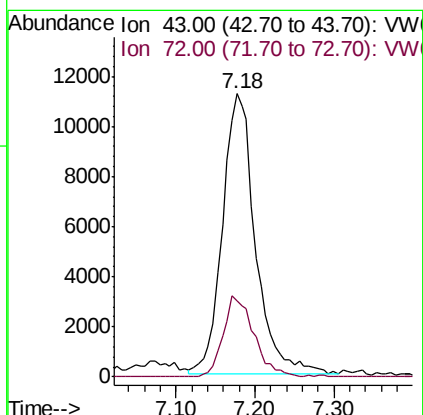
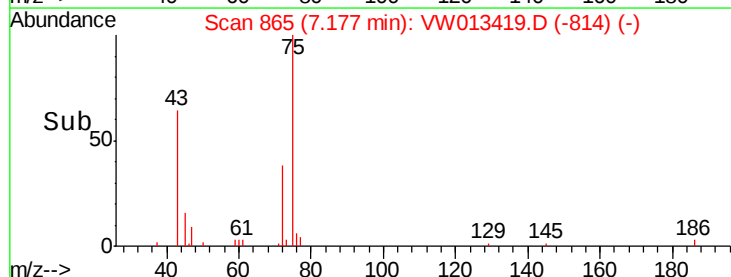
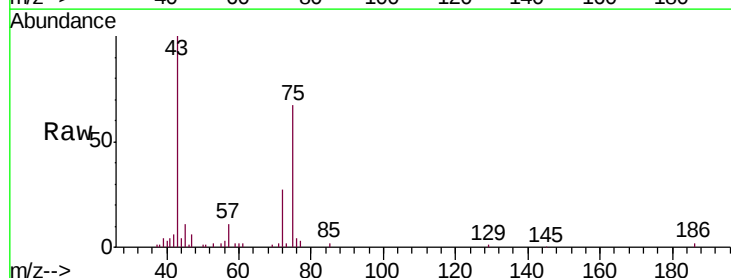
Acq: 03 Oct 2019 14:27

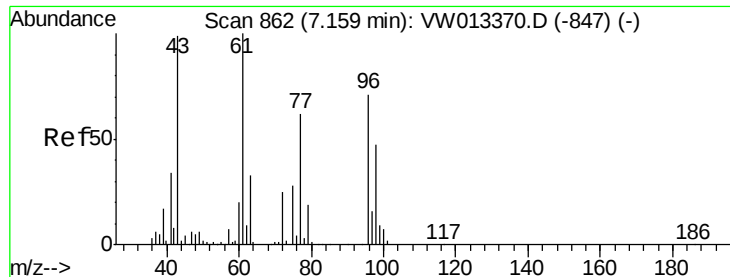
Tgt Ion: 43 Resp: 32305

Ion Ratio Lower Upper

43 100

72 27.3 19.4 29.0





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.41 min Scan# 904

Delta R.T. 0.26 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

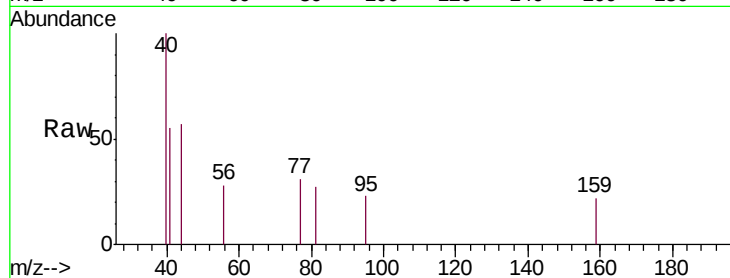
20190762-SS-COMP-2RE

Tgt Ion: 77 Resp: 60

Ion Ratio Lower Upper

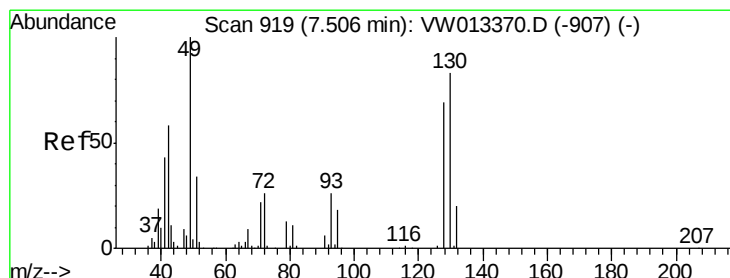
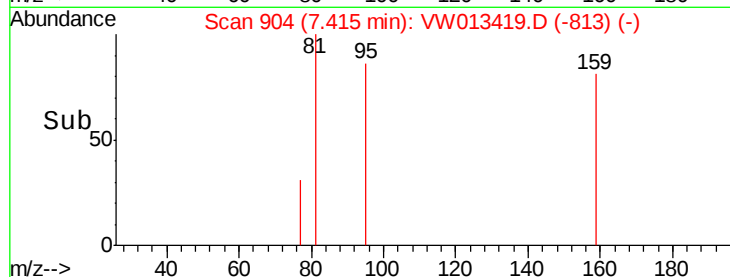
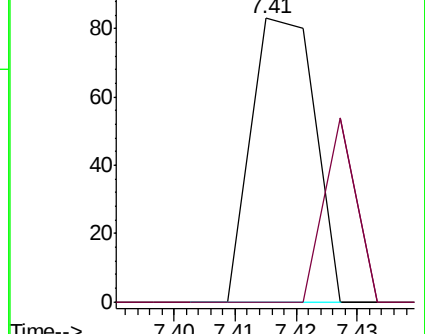
77 100

97 33.3 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#28

Bromochloromethane

Concen: 21.101 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.16 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

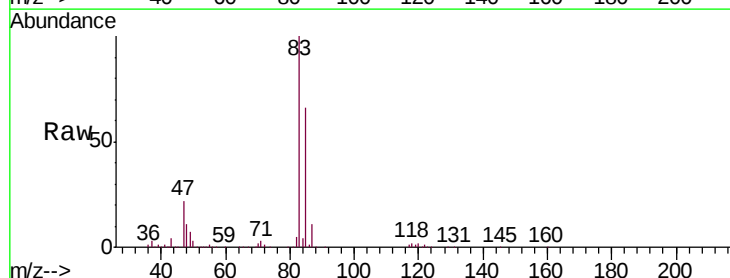
Tgt Ion: 49 Resp: 31104

Ion Ratio Lower Upper

49 100

129 0.2 0.0 1.0

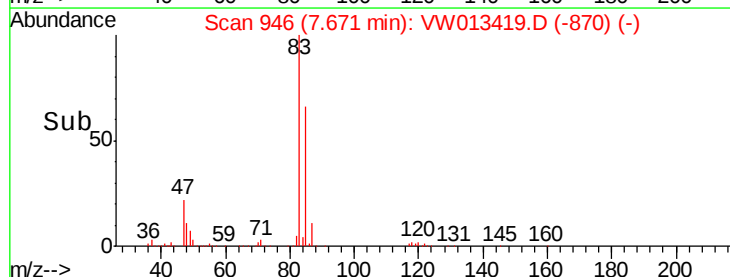
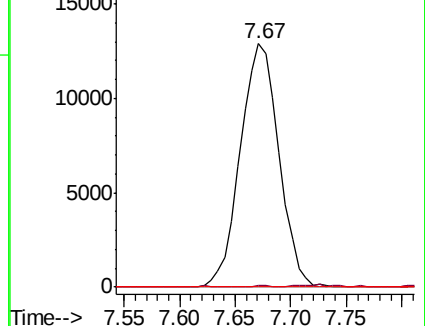
130 0.0 63.4 95.2#

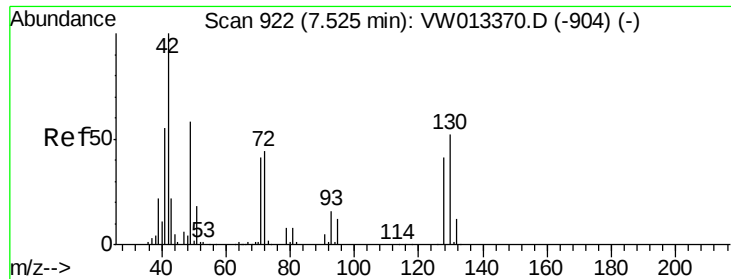


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

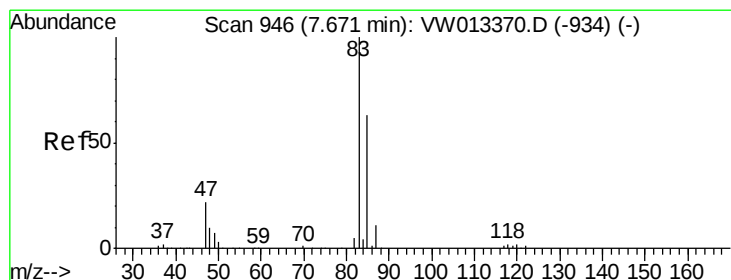
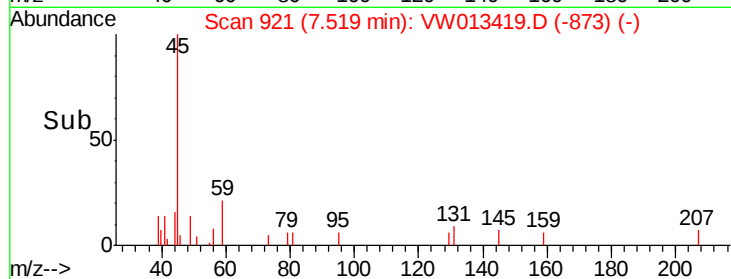
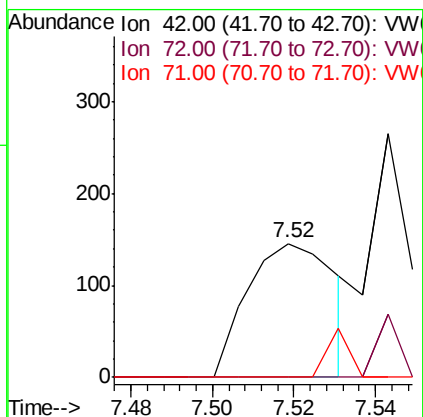
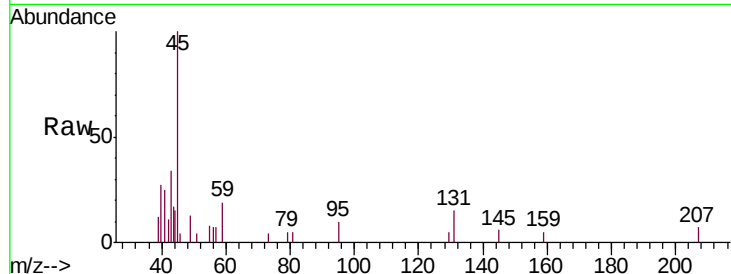




#29
Tetrahydrofuran
Concen: 10.177 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

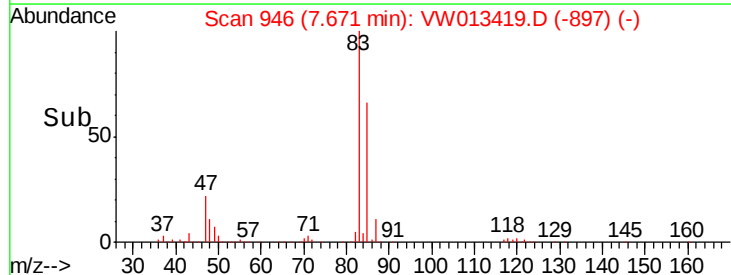
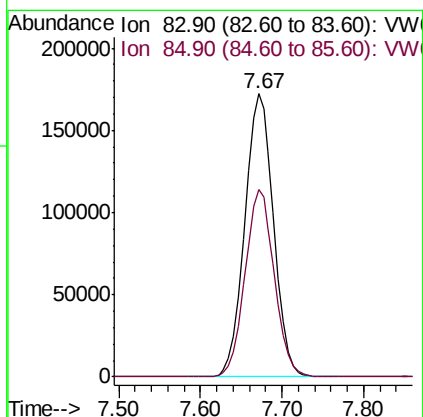
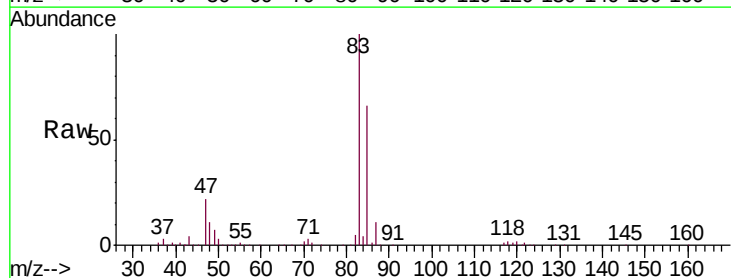
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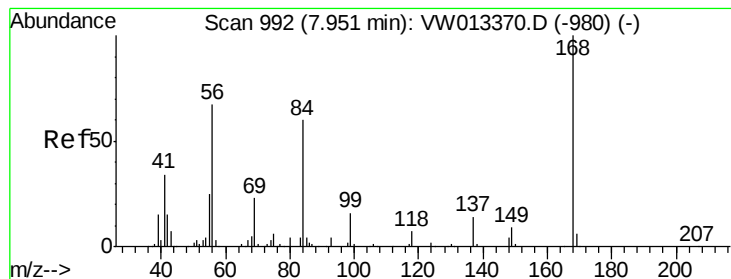
Tgt Ion: 42 Resp: 218
Ion Ratio Lower Upper
42 100
72 0.0 33.9 50.9#
71 0.0 31.9 47.9#



#30
Chloroform
Concen: 105.176 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion: 83 Resp: 420457
Ion Ratio Lower Upper
83 100
85 66.3 52.3 78.5





#31

Cyclohexane

Concen: 29.228 ug/l

RT: 7.91 min Scan# 986

Delta R.T. -0.04 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

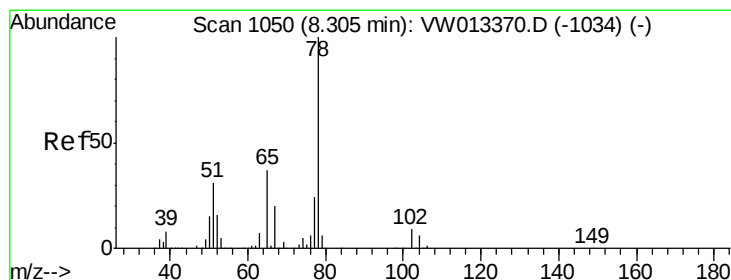
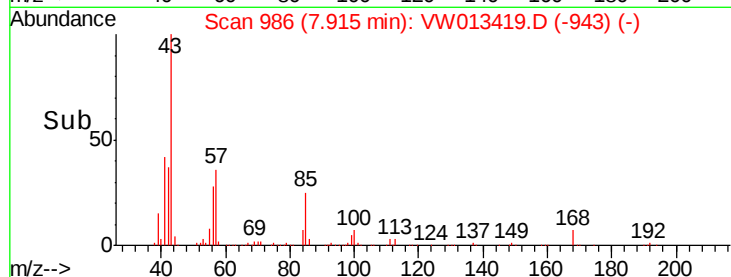
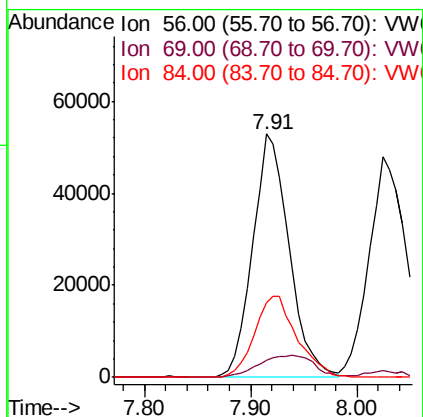
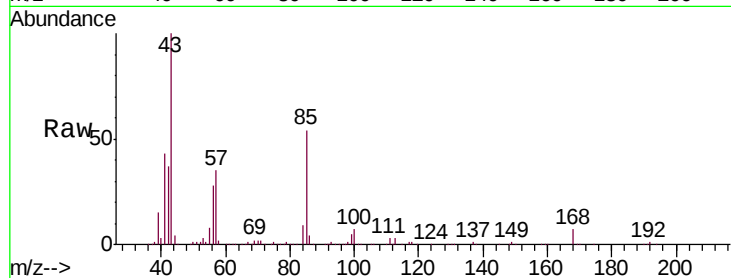
Tgt Ion: 56 Resp: 127078

Ion Ratio Lower Upper

56 100

69 6.5 27.2 40.8#

84 30.5 70.8 106.2#



#33

1,2-Dichloroethane-d4

Concen: 55.656 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013419.D

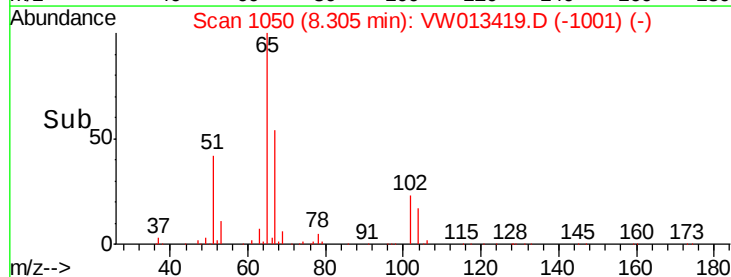
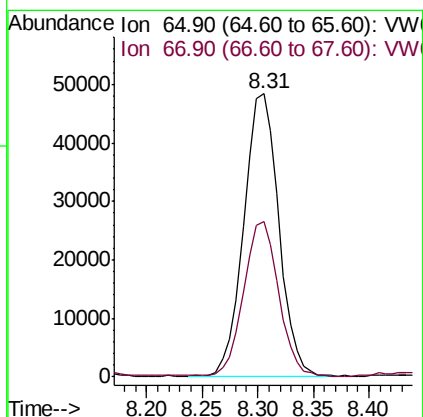
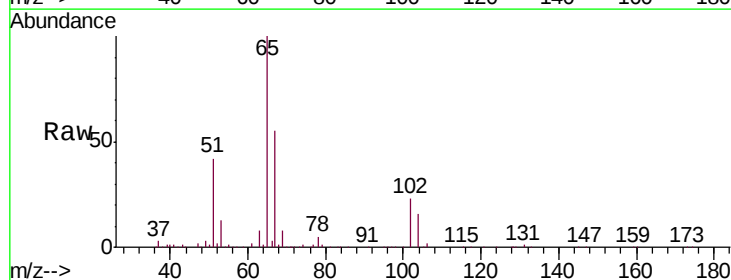
Acq: 03 Oct 2019 14:27

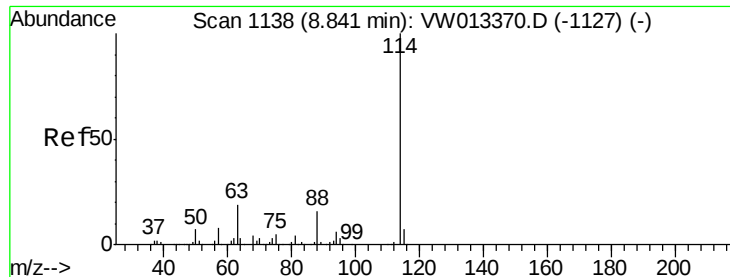
Tgt Ion: 65 Resp: 105769

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.2

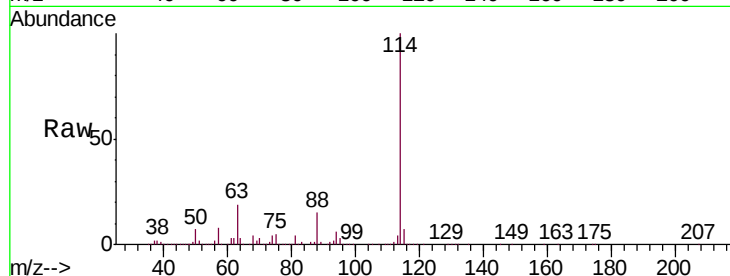




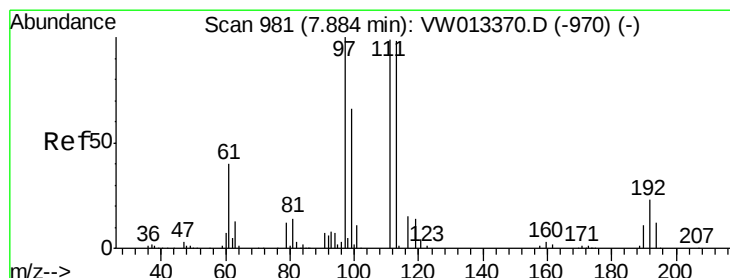
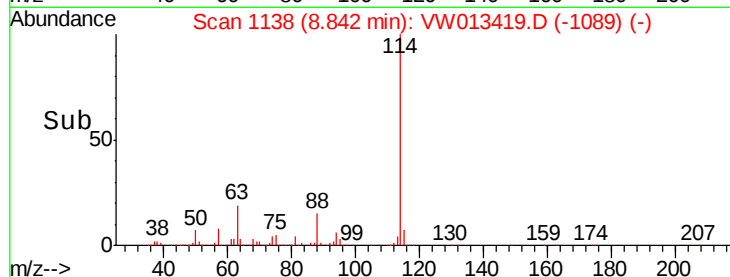
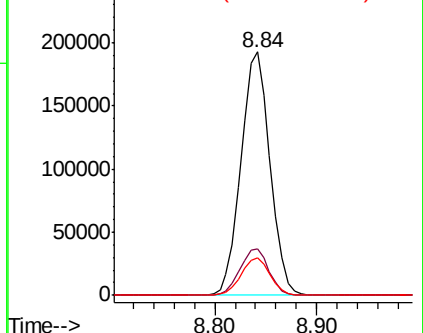
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

Tgt Ion:114 Resp: 380671
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.3 0.0 32.0

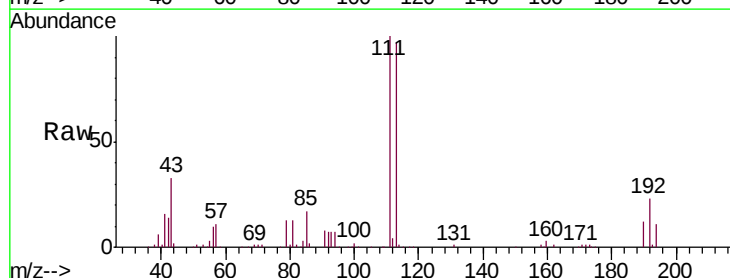


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

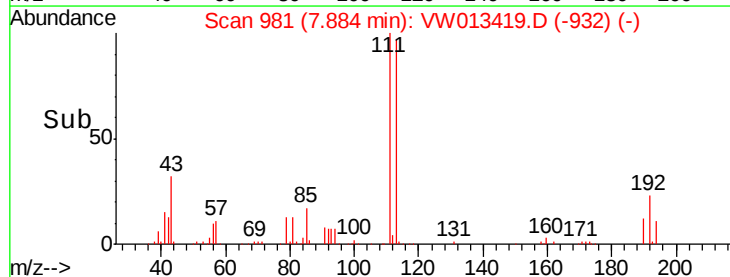
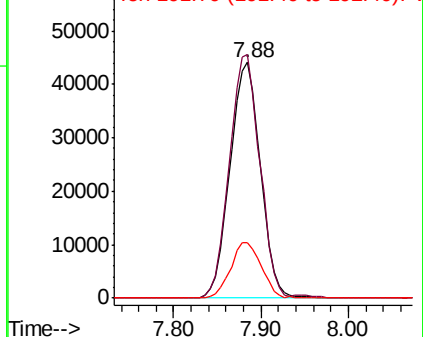


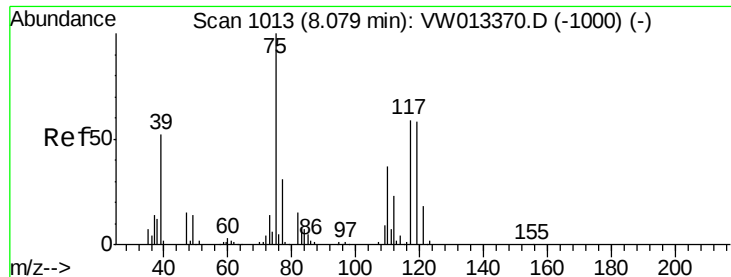
#35
 Dibromofluoromethane
 Concen: 53.371 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion:113 Resp: 106607
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 23.9 19.1 28.7



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

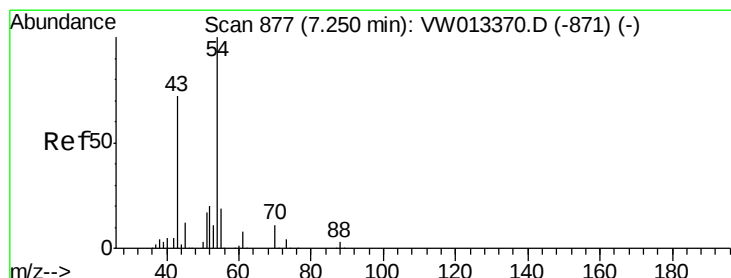
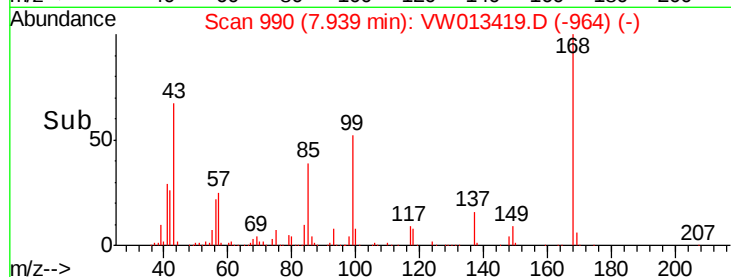
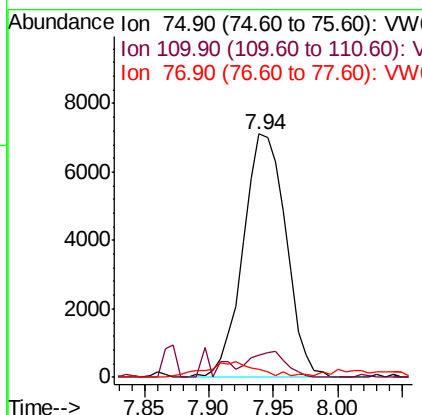
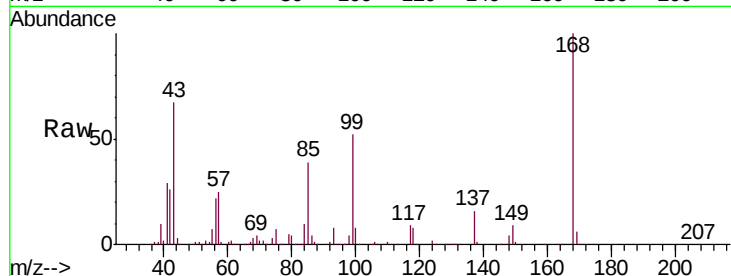




#36
 1,1-Dichloropropene
 Concen: 4.632 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

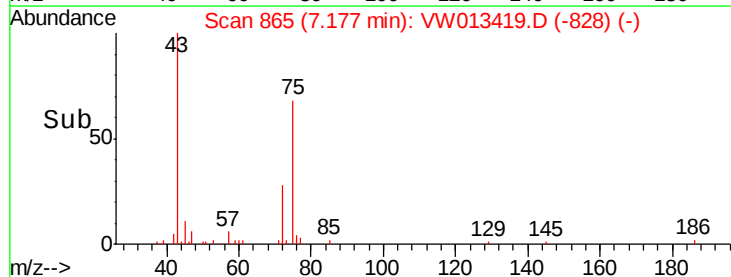
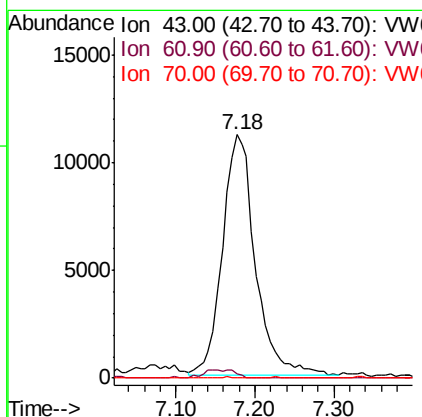
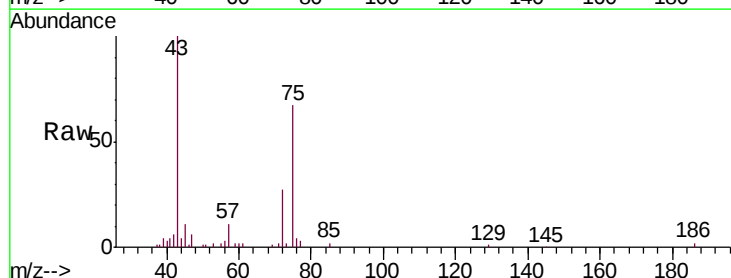
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

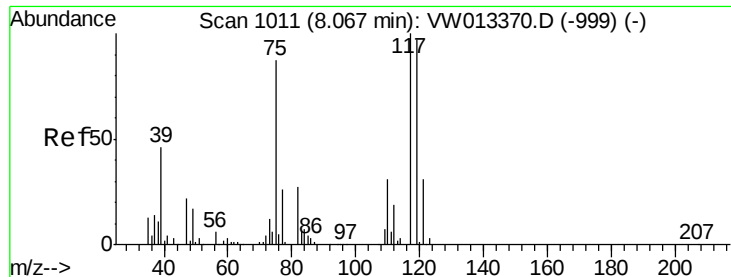
Tgt Ion: 75 Resp: 16376
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.3#
 77 0.0 25.8 38.6#



#37
 Ethyl Acetate
 Concen: 20.790 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion: 43 Resp: 32305
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.1 8.2 12.2#

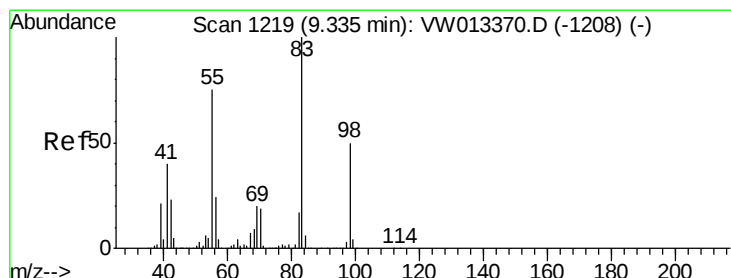
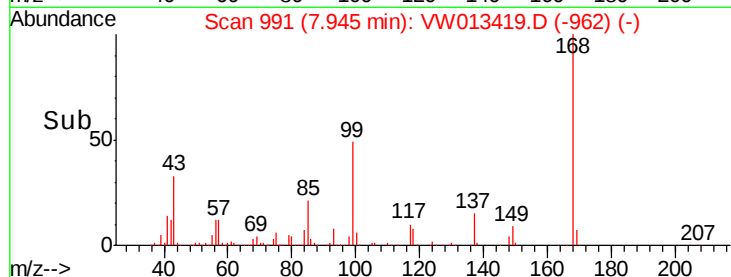
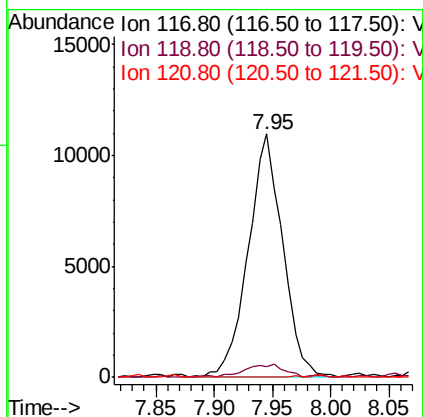
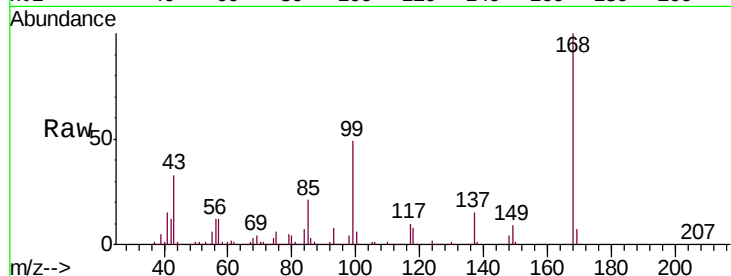




#38
Carbon Tetrachloride
Concen: 7.401 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

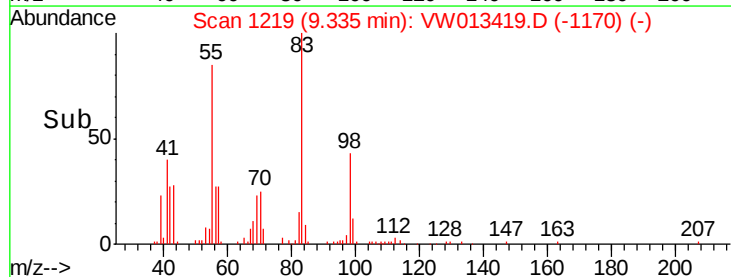
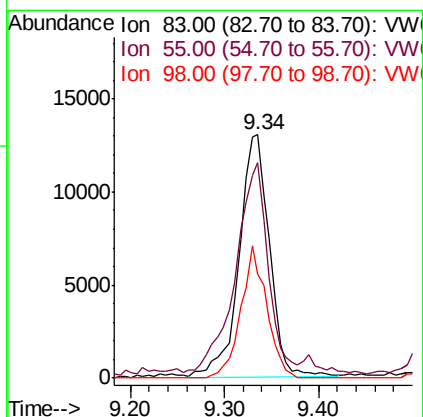
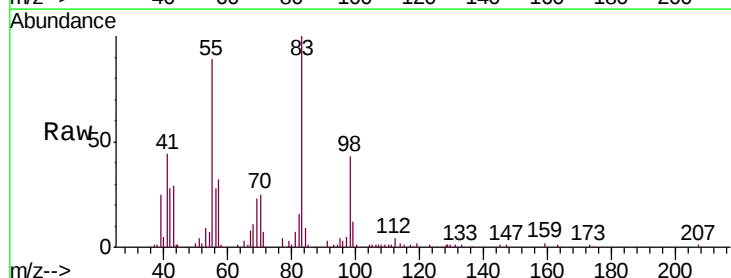
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

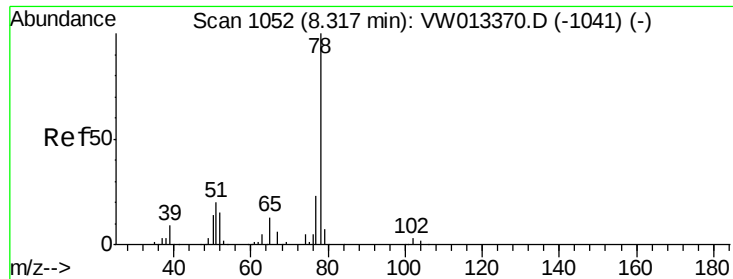
Tgt Ion: 117 Resp: 22669
Ion Ratio Lower Upper
117 100
119 4.3 73.5 110.3#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 6.251 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion: 83 Resp: 29108
Ion Ratio Lower Upper
83 100
55 86.6 60.4 90.6
98 43.3 40.0 60.0





#40

Benzene

Concen: 1.119 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

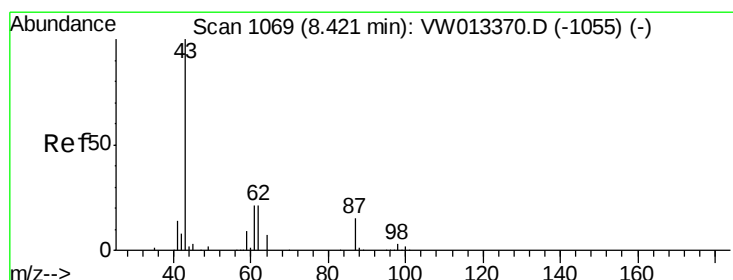
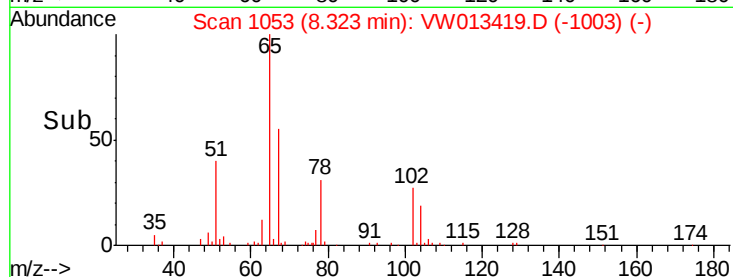
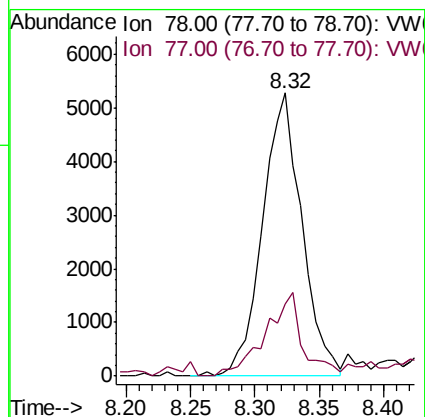
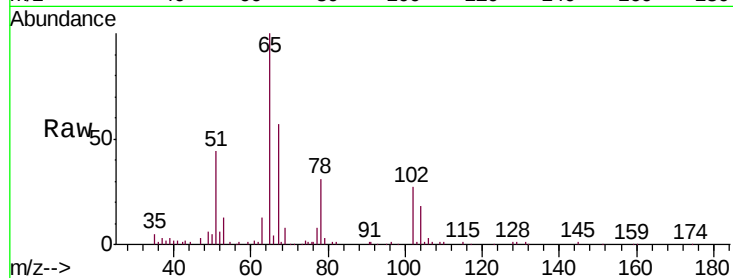
20190762-SS-COMP-2RE

Tgt Ion: 78 Resp: 11200

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



#43

Isopropyl Acetate

Concen: 22.225 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

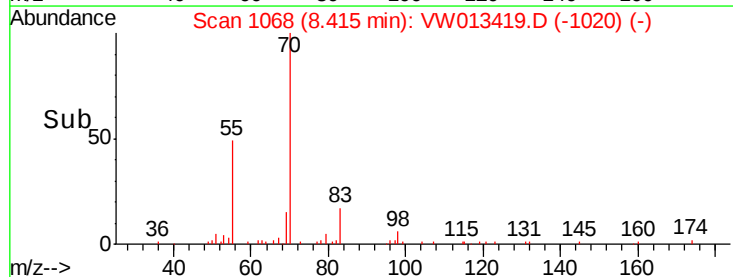
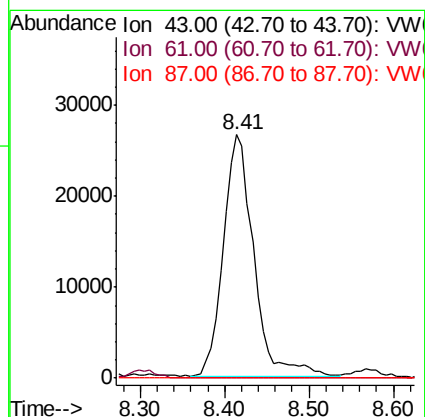
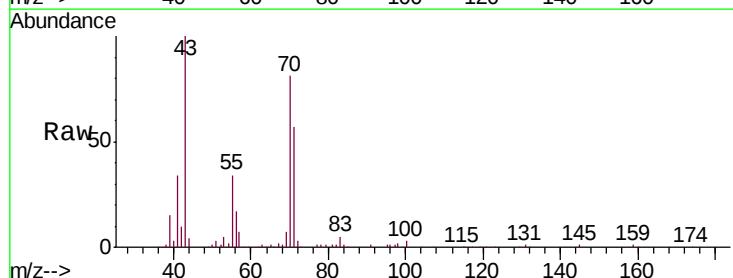
Tgt Ion: 43 Resp: 65274

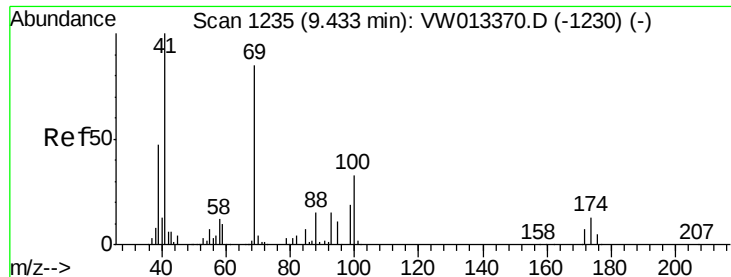
Ion Ratio Lower Upper

43 100

61 0.0 25.5 38.3#

87 0.0 11.0 16.4#

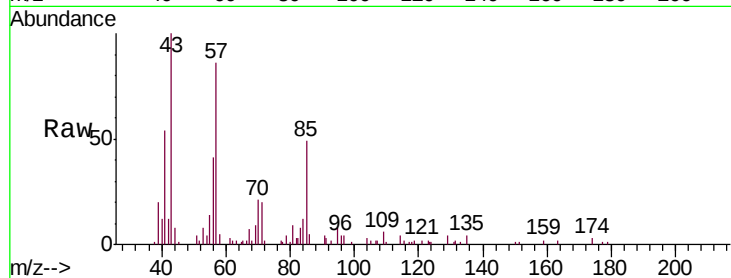




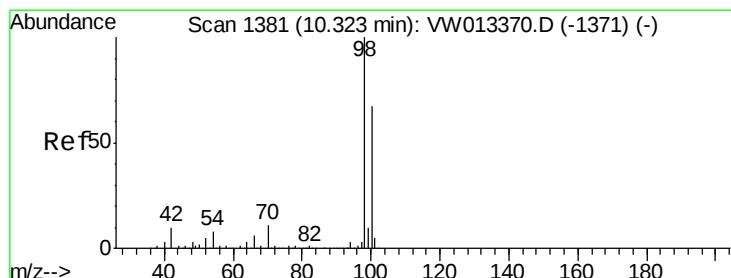
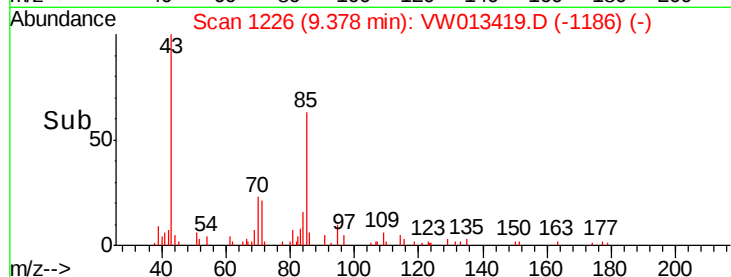
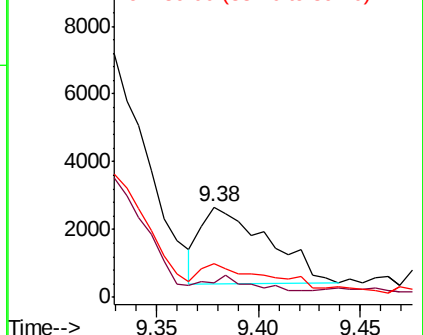
#48
Methyl methacrylate
Concen: 3.693 ug/l
RT: 9.38 min Scan# 1226
Delta R.T. -0.05 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

Tgt Ion: 41 Resp: 5211
Ion Ratio Lower Upper
41 100
69 15.4 69.7 104.5#
39 51.0 41.1 61.7

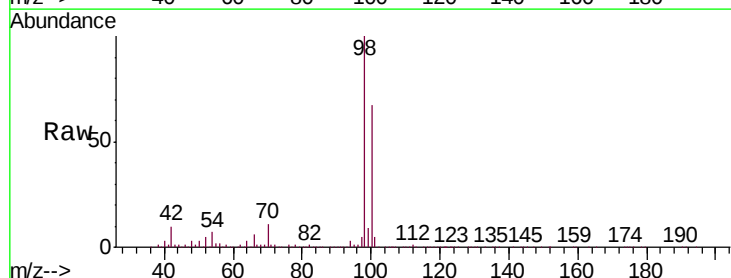


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

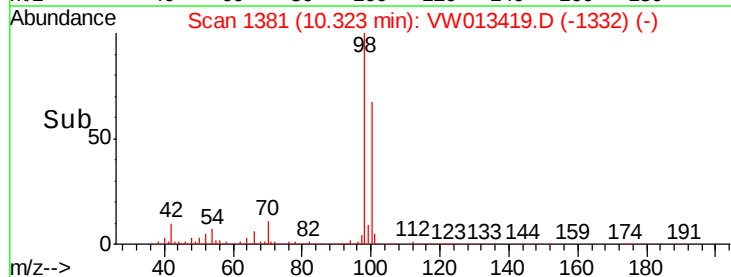
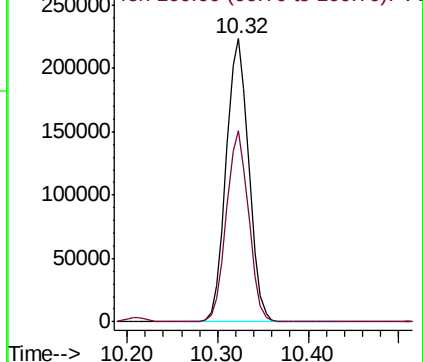


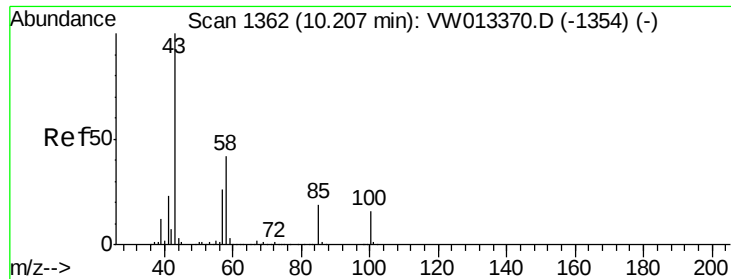
#50
Toluene-d8
Concen: 46.746 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion: 98 Resp: 387480
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

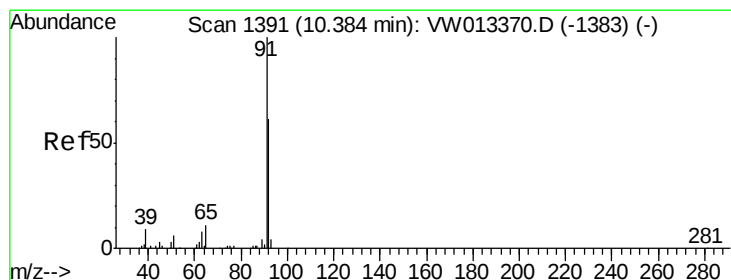
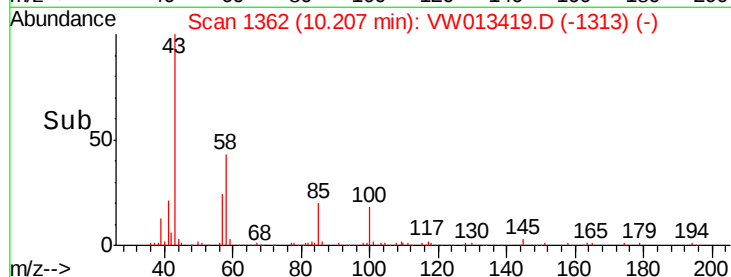
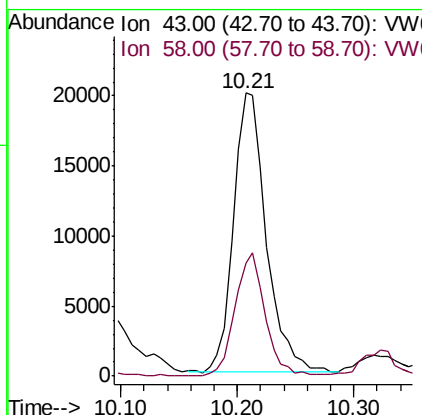
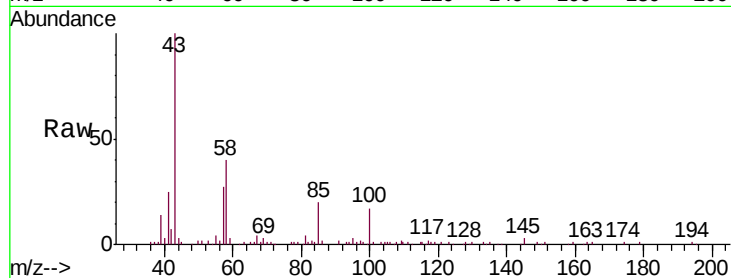




#51
4-Methyl-2-Pentanone
Concen: 25.230 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

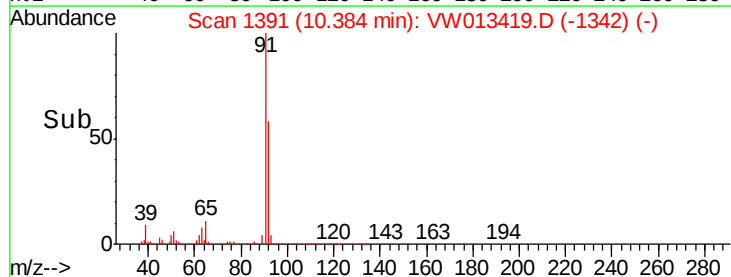
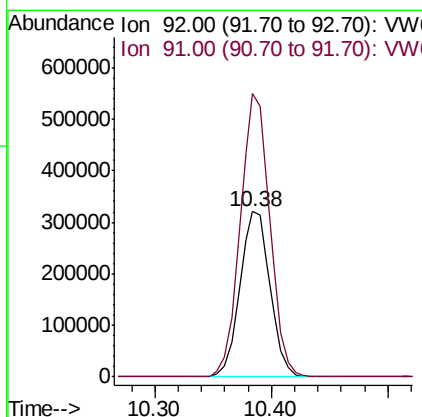
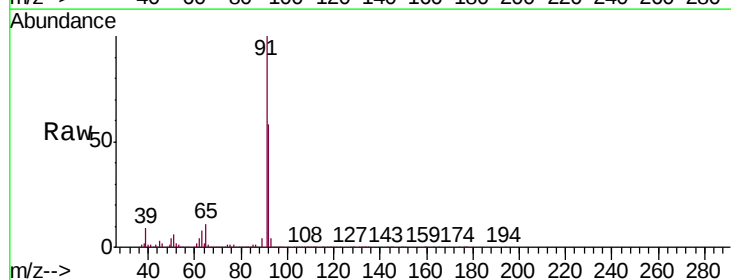
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

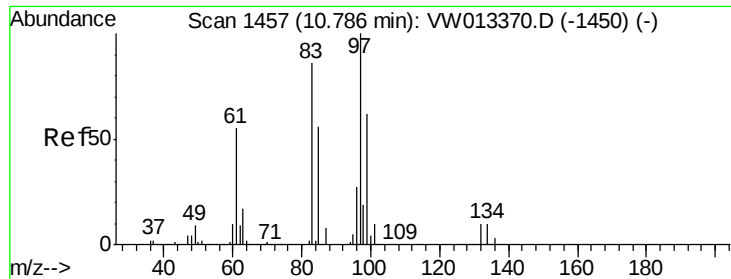
Tgt Ion: 43 Resp: 38931
Ion Ratio Lower Upper
43 100
58 40.5 31.7 47.5



#52
Toluene
Concen: 89.238 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion: 92 Resp: 576094
Ion Ratio Lower Upper
92 100
91 167.8 135.7 203.5

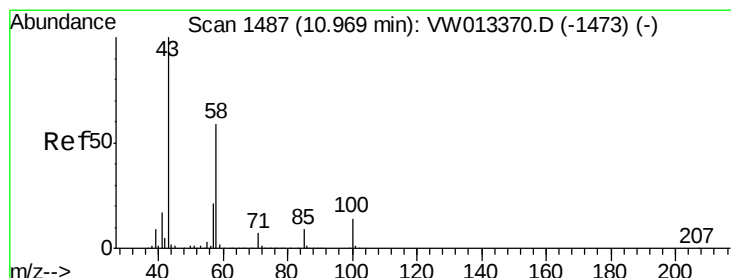
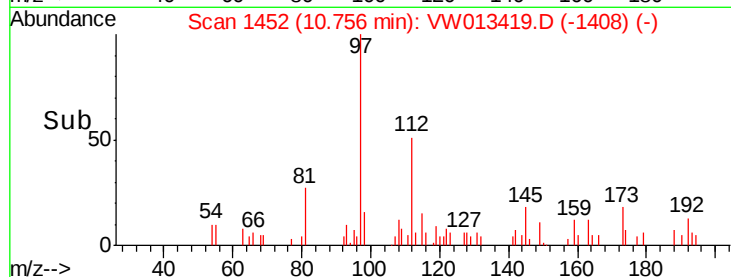
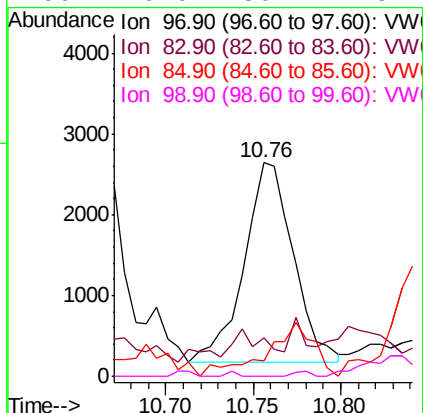
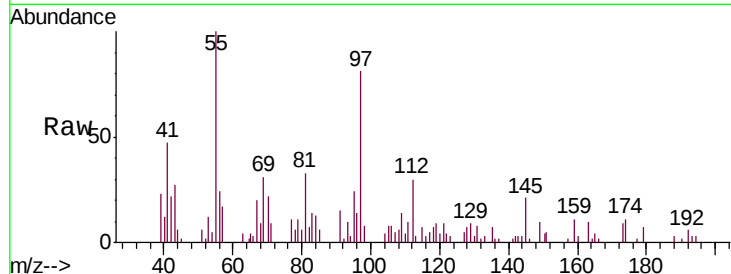




#55
 1,1,2-Trichloroethane
 Concen: 2.692 ug/l
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

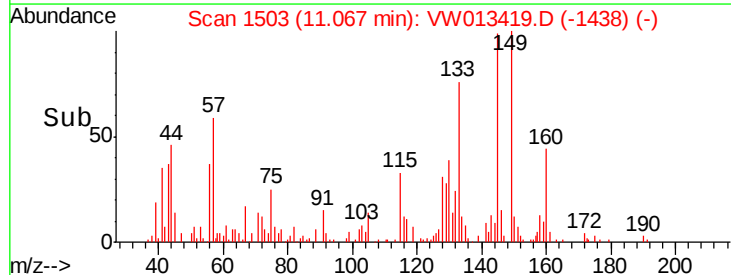
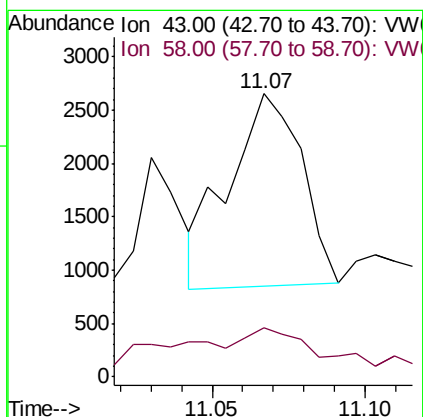
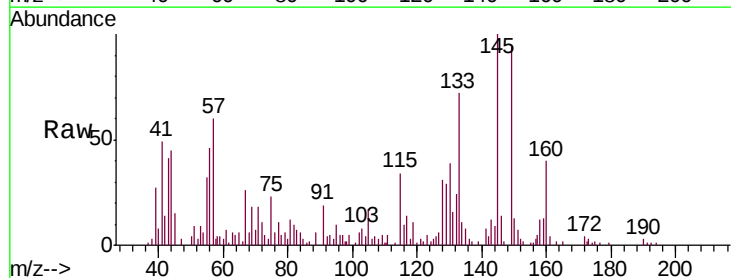
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

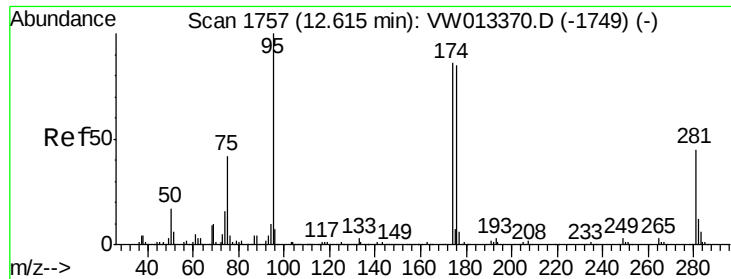
Tgt Ion: 97 Resp: 4807
 Ion Ratio Lower Upper
 97 100
 83 5.8 67.6 101.4#
 85 8.0 41.9 62.9#
 99 0.0 50.1 75.1#



#59
 2-Hexanone
 Concen: 2.797 ug/l
 RT: 11.07 min Scan# 1503
 Delta R.T. 0.10 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion: 43 Resp: 2992
 Ion Ratio Lower Upper
 43 100
 58 58.3 28.1 84.2





#62

4-Bromofluorobenzene

Concen: 33.507 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

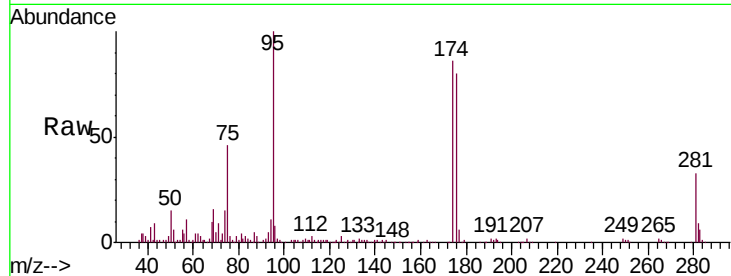
Tgt Ion: 95 Resp: 92748

Ion Ratio Lower Upper

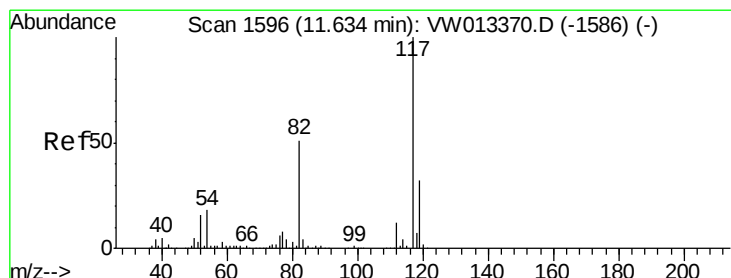
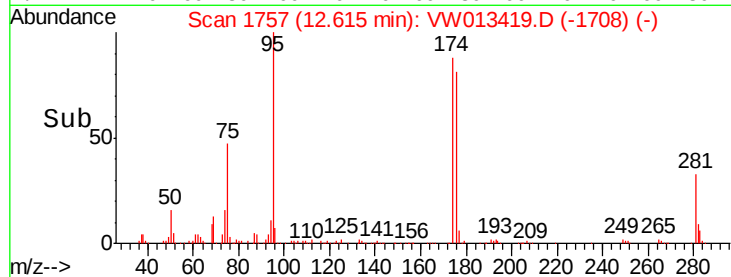
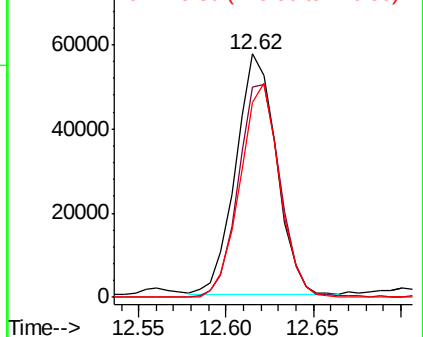
95 100

174 90.1 0.0 178.4

176 86.3 0.0 172.2



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: VW013419.D

Acq: 03 Oct 2019 14:27

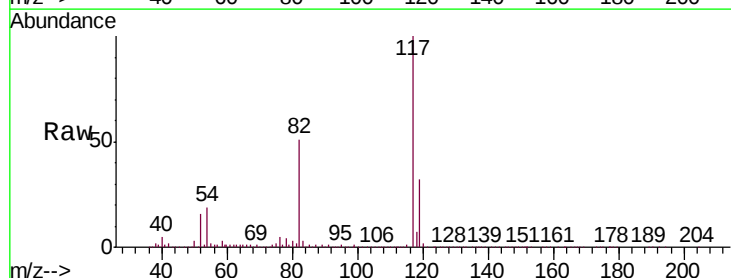
Tgt Ion: 117 Resp: 254570

Ion Ratio Lower Upper

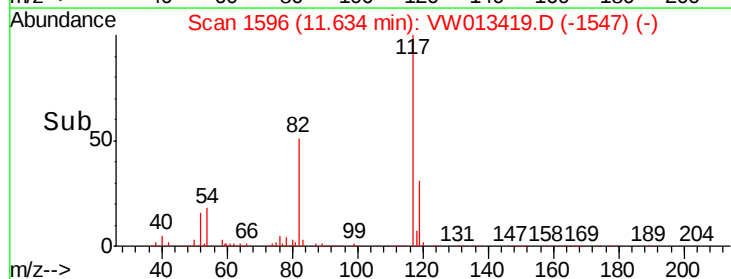
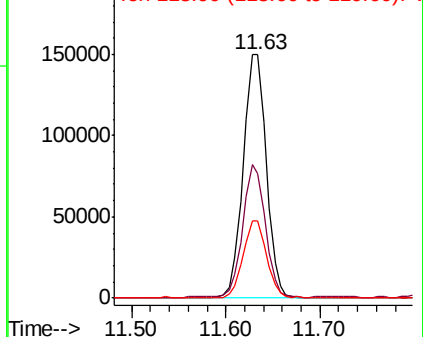
117 100

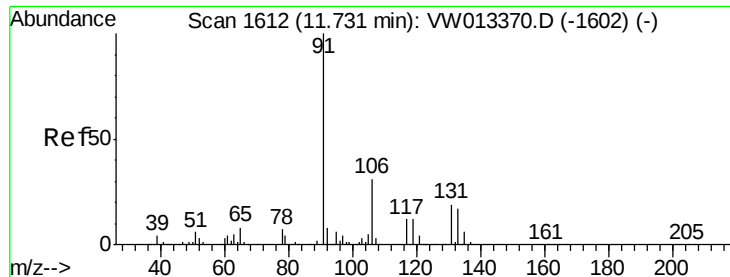
82 50.6 45.9 68.9

119 31.6 26.2 39.2



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





#67

Ethyl Benzene

Concen: 6.038 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

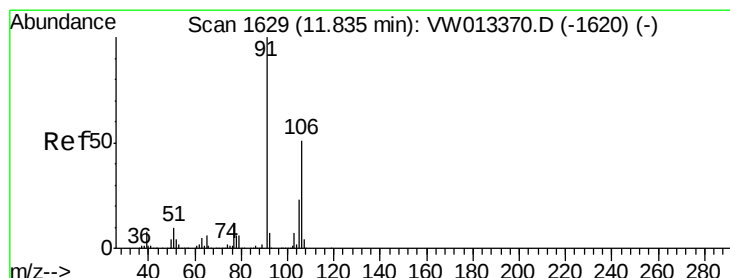
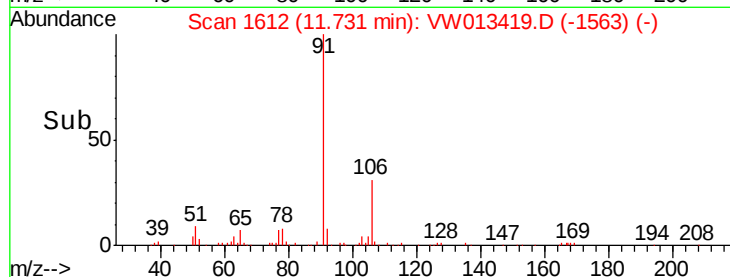
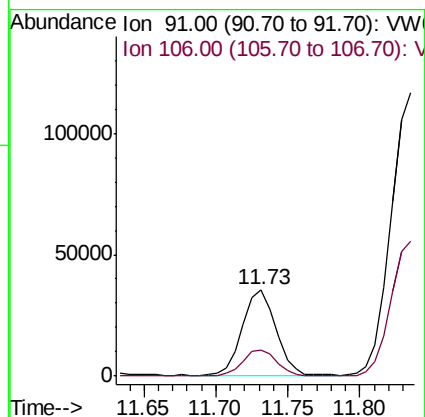
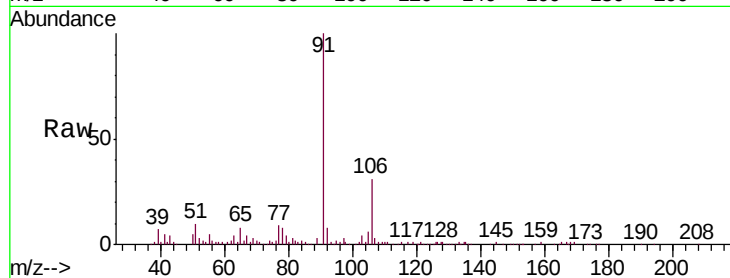
20190762-SS-COMP-2RE

Tgt Ion: 91 Resp: 56441

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 28.055 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW013419.D

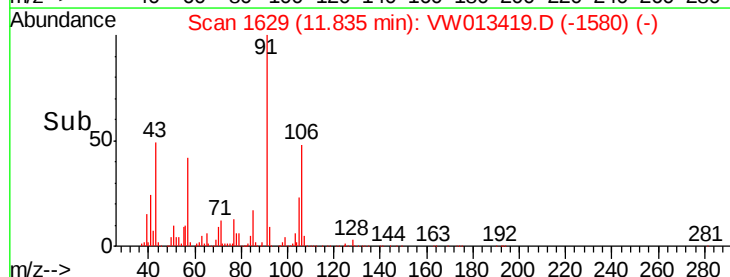
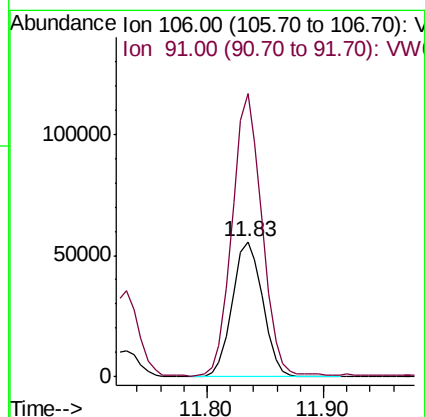
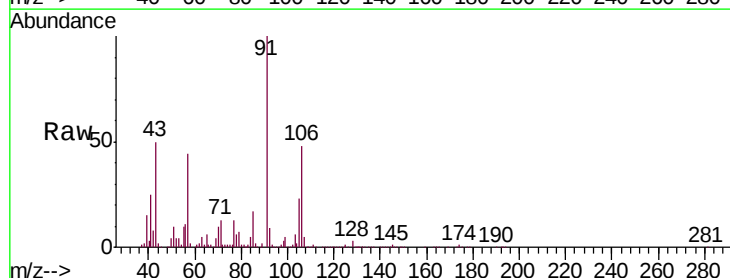
Acq: 03 Oct 2019 14:27

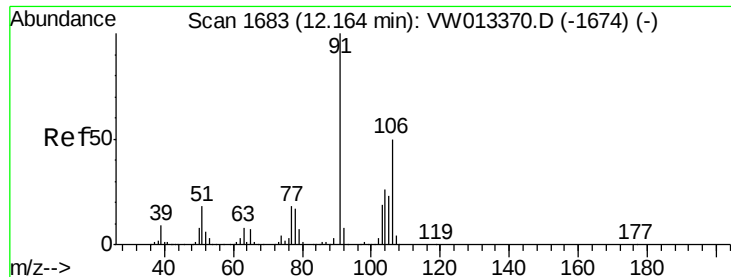
Tgt Ion: 106 Resp: 101221

Ion Ratio Lower Upper

106 100

91 203.6 157.9 236.9

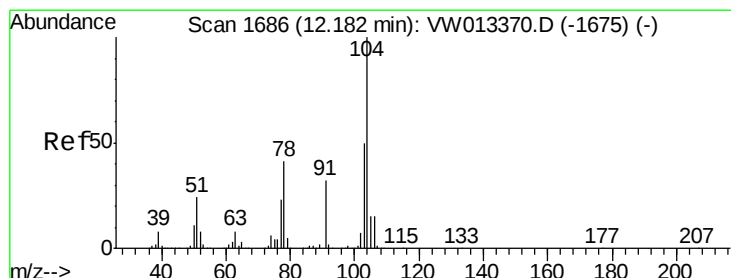
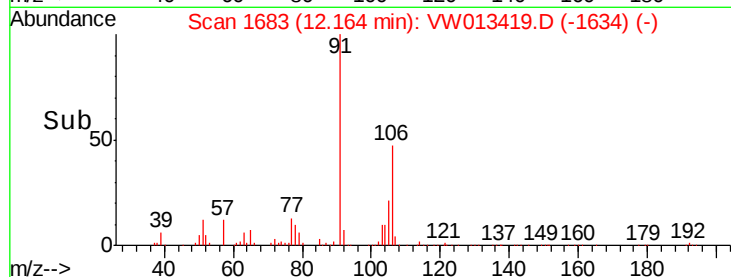
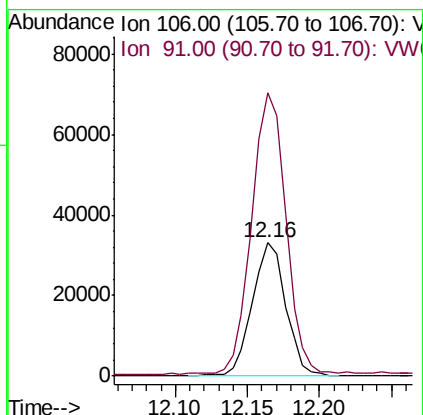
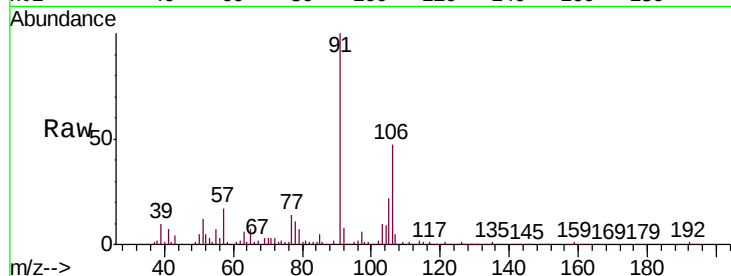




#69
o-Xylene
Concen: 15.810 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

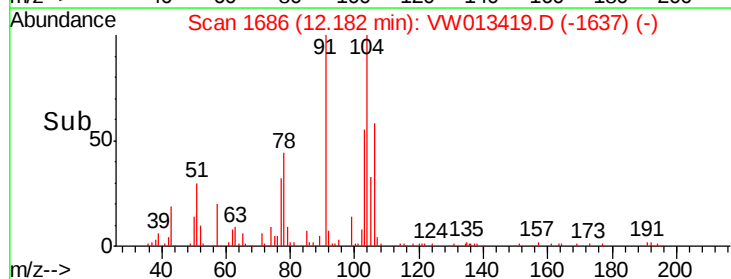
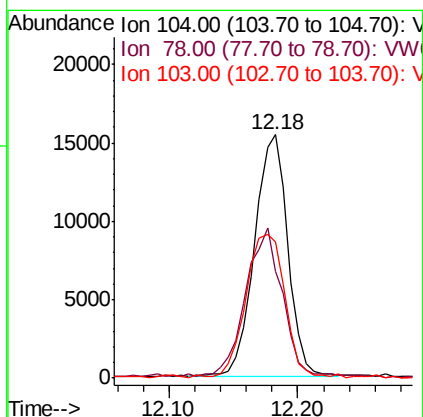
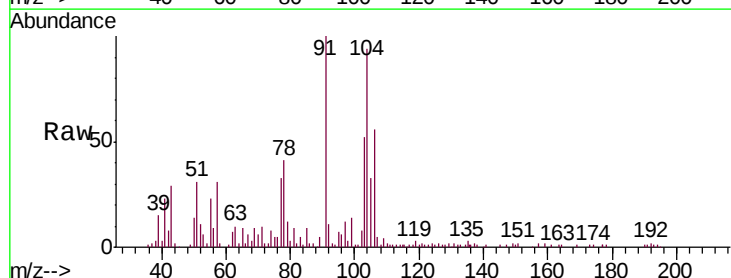
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

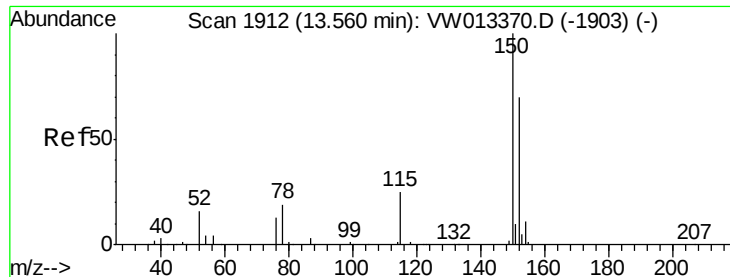
Tgt Ion:106 Resp: 52740
Ion Ratio Lower Upper
106 100
91 218.9 106.5 319.5



#70
Styrene
Concen: 4.817 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion:104 Resp: 27468
Ion Ratio Lower Upper
104 100
78 69.3 38.4 57.6#
103 70.5 43.3 64.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

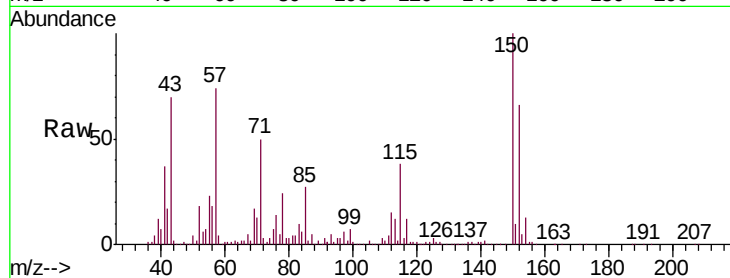
Tgt Ion:152 Resp: 60786

Ion Ratio Lower Upper

152 100

115 61.5 27.3 81.9

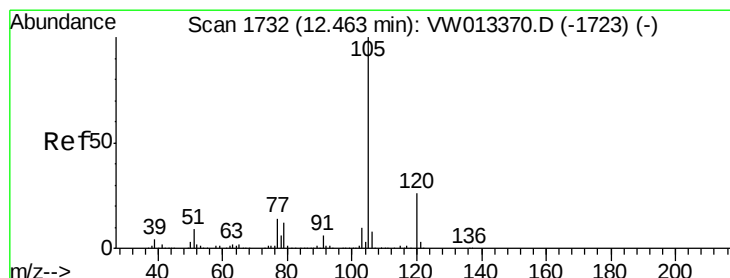
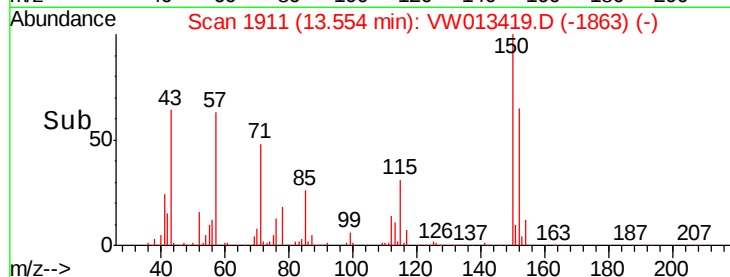
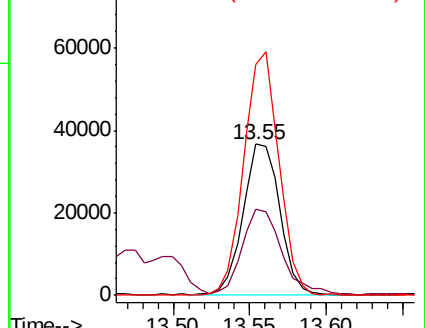
150 155.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.680 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW013419.D

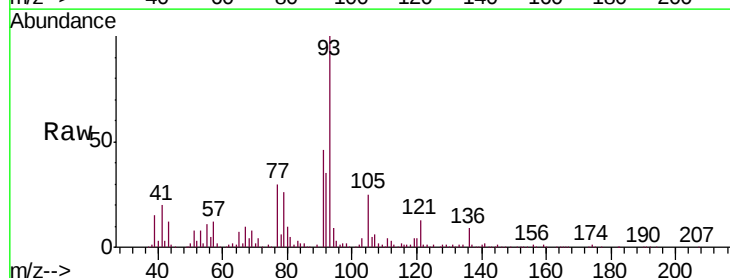
Acq: 03 Oct 2019 14:27

Tgt Ion:105 Resp: 29702

Ion Ratio Lower Upper

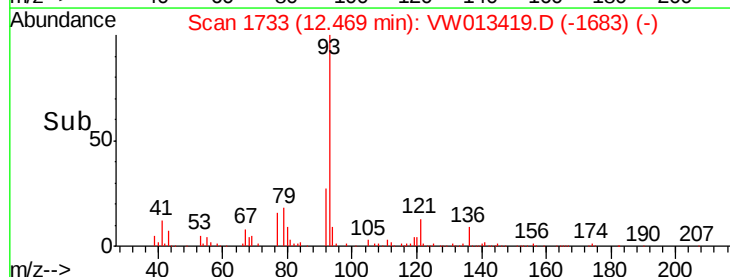
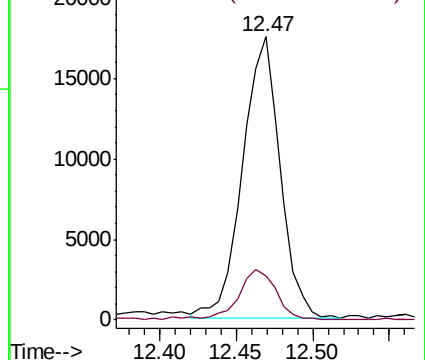
105 100

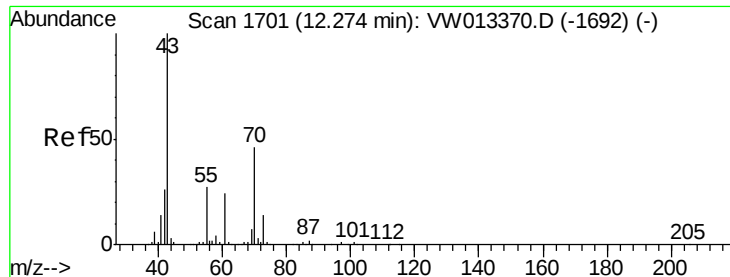
120 18.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

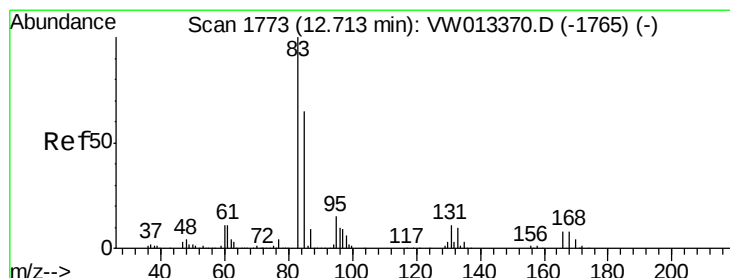
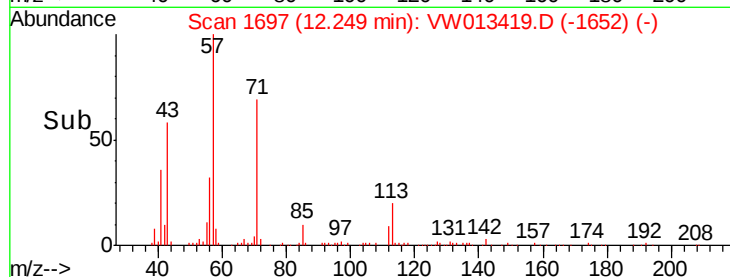
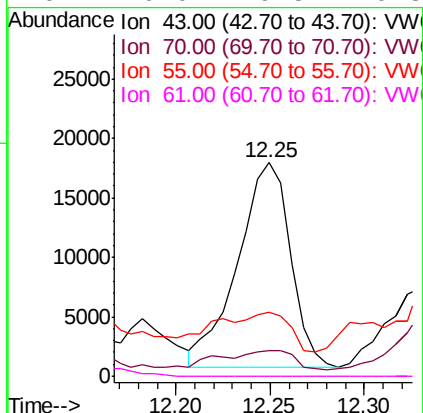
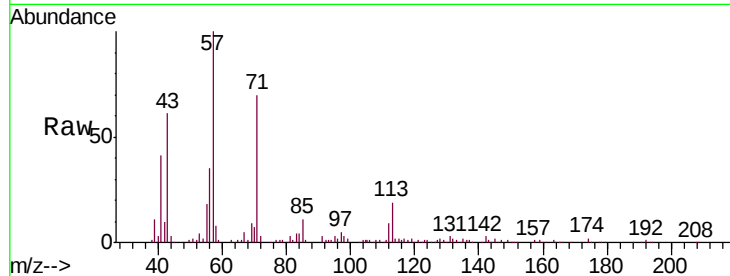




#74
N-ethyl acetate
Concen: 35.223 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

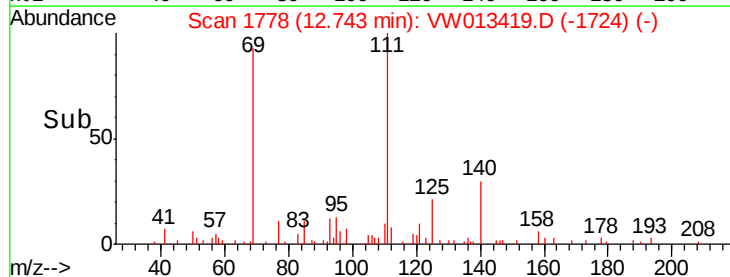
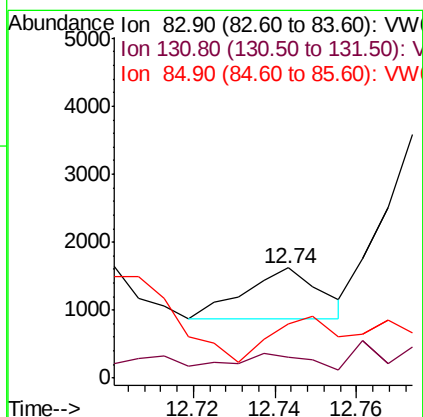
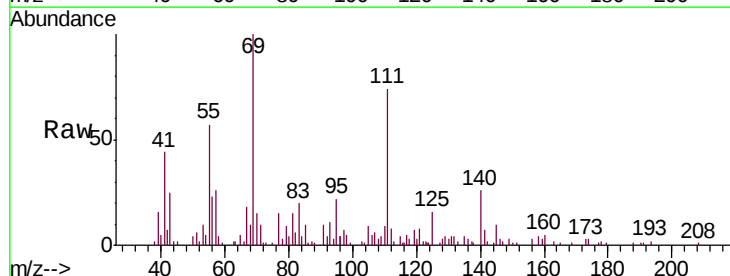
Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

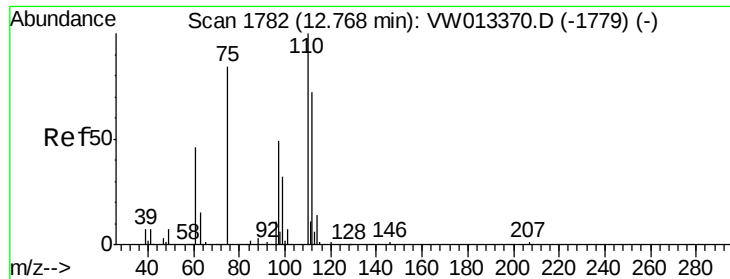
Tgt Ion:	43	Resp:	33331
Ion	Ratio	Lower	Upper
43	100		
70	14.0	35.1	52.7#
55	28.2	19.9	29.9
61	0.0	19.5	29.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.258 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.03 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion:	83	Resp:	947
Ion	Ratio	Lower	Upper
83	100		
131	22.4	5.4	16.2#
85	0.0	31.9	95.9#

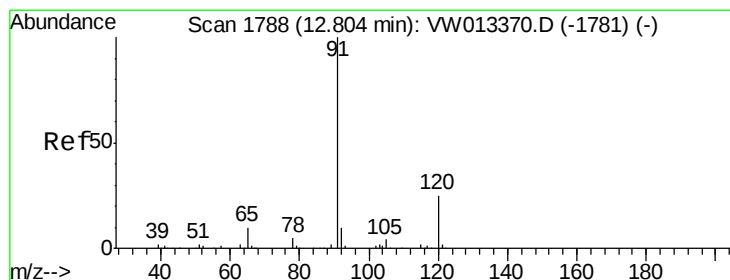
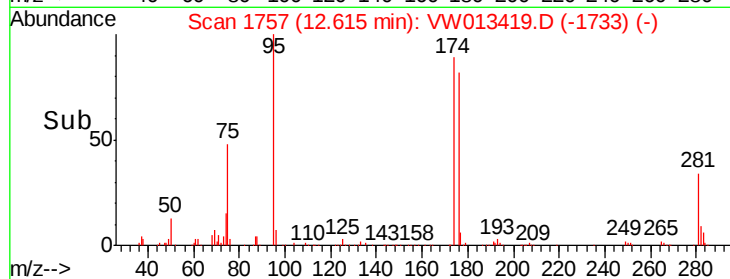
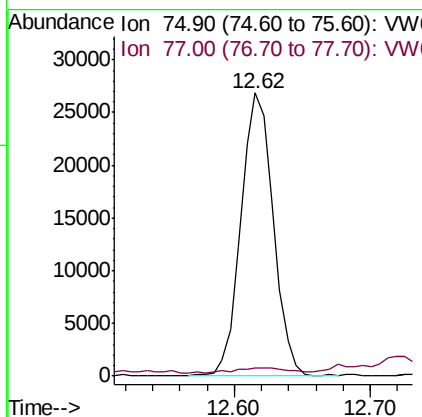
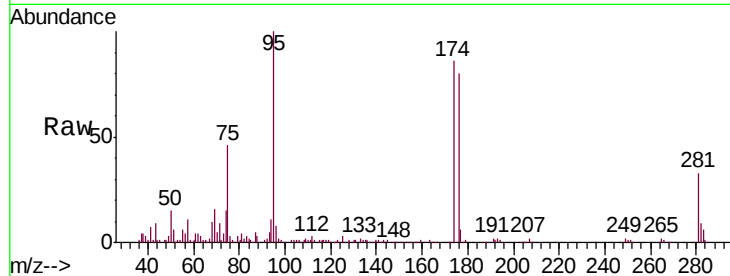




#76
 1,2,3-Trichloropropane
 Concen: 82.782 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

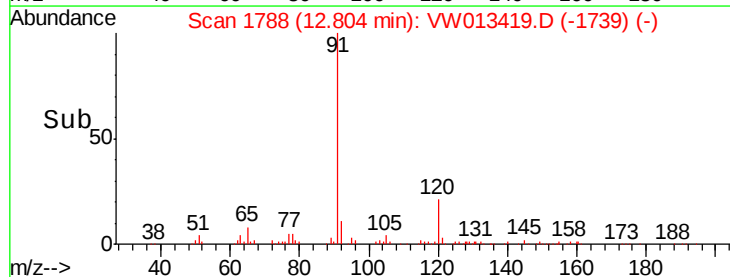
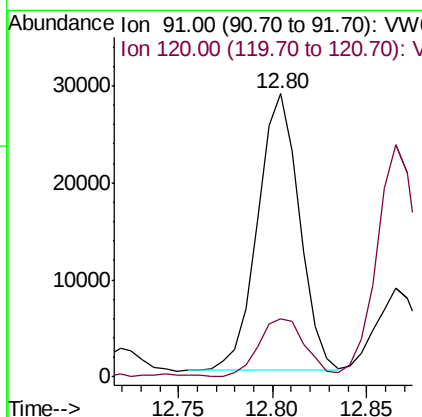
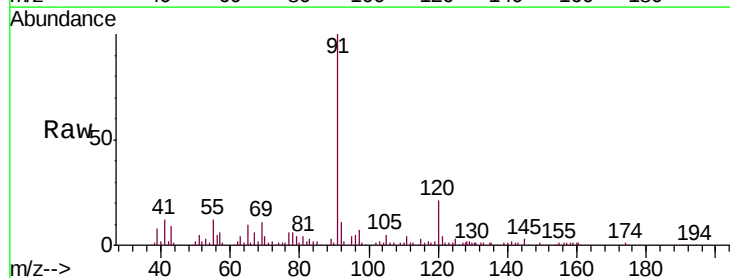
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

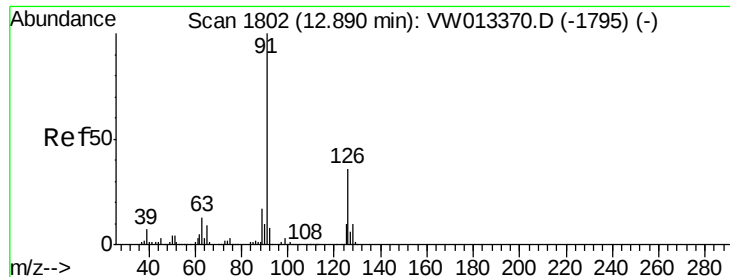
Tgt Ion: 75 Resp: 44723
 Ion Ratio Lower Upper
 75 100
 77 2.4 0.0 0.0#



#78
 n-propylbenzene
 Concen: 8.519 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion: 91 Resp: 43572
 Ion Ratio Lower Upper
 91 100
 120 23.8 11.7 35.1

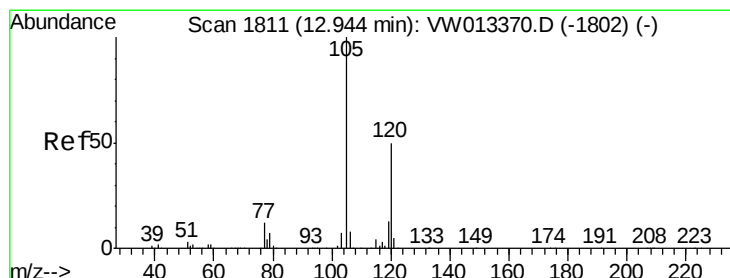
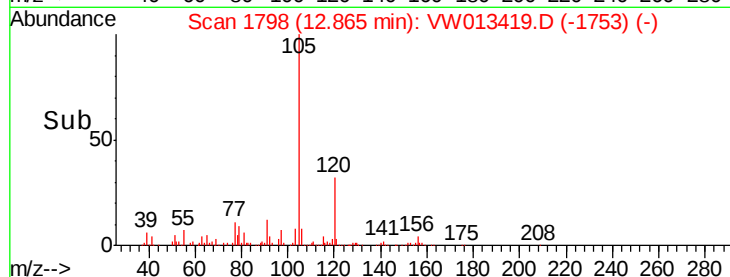
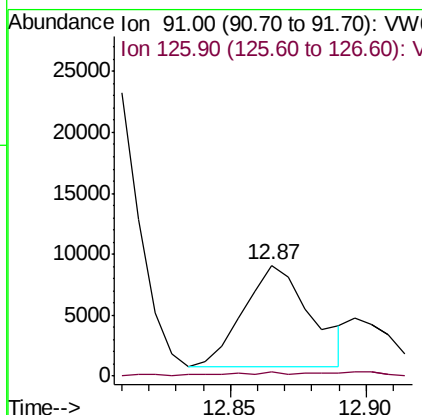
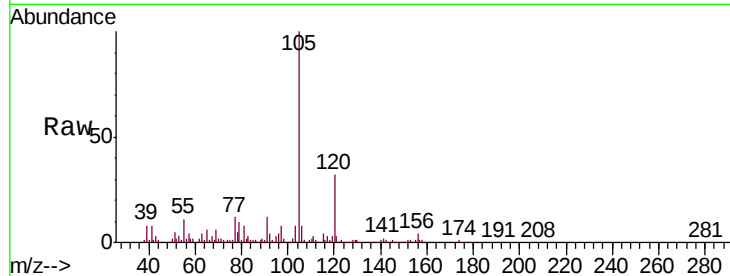




#79
 2-Chlorotoluene
 Concen: 4.976 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

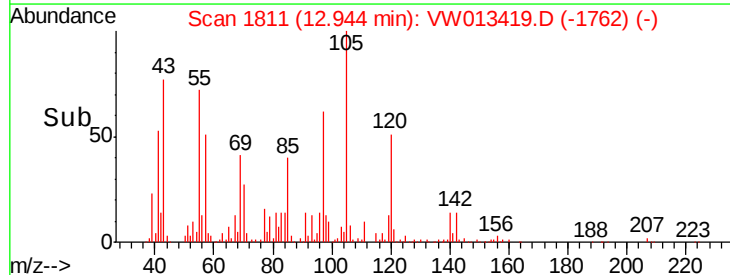
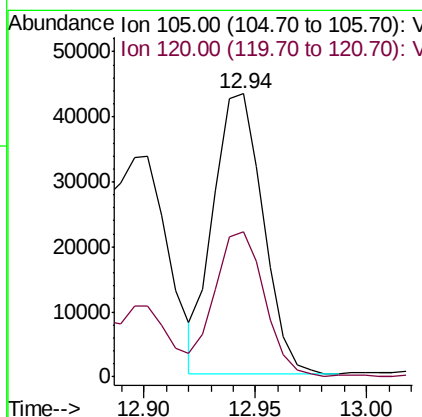
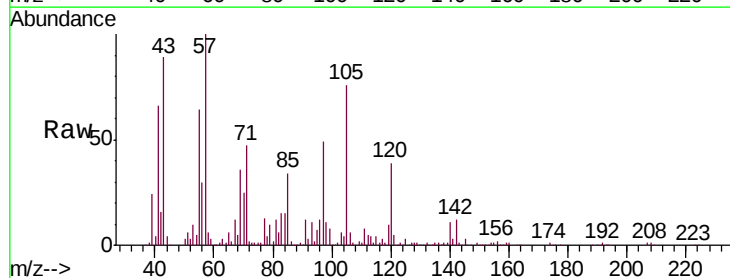
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

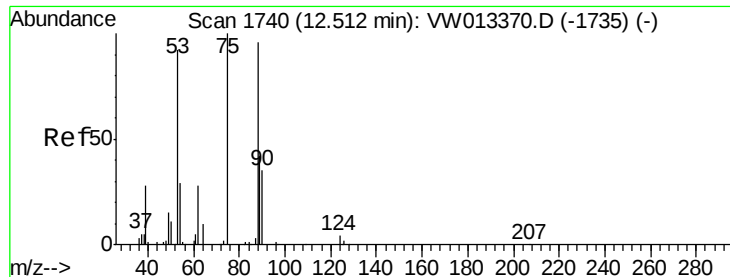
Tgt Ion: 91 Resp: 14135
 Ion Ratio Lower Upper
 91 100
 126 2.0 17.2 51.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 18.011 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion: 105 Resp: 66525
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 165.449 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

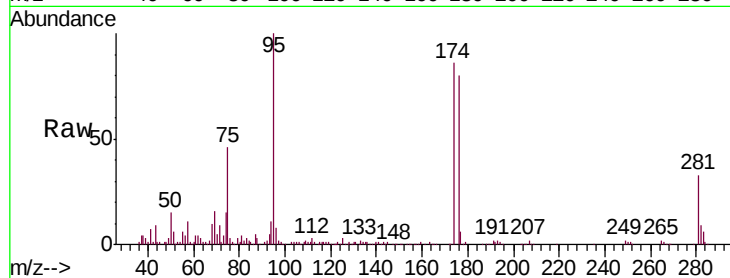
Tgt Ion: 75 Resp: 44723

Ion Ratio Lower Upper

75 100

53 0.9 76.6 114.8#

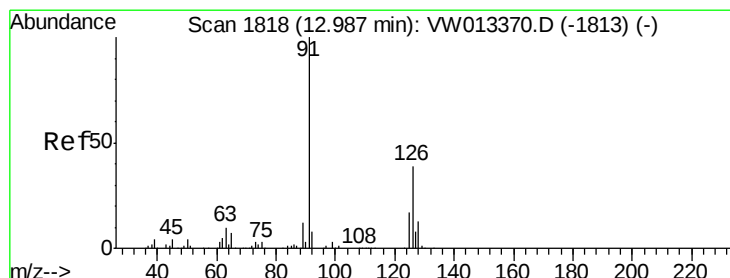
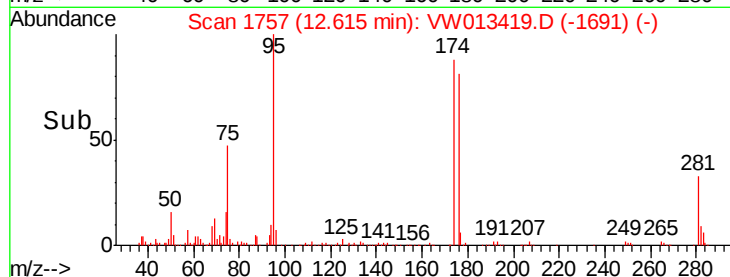
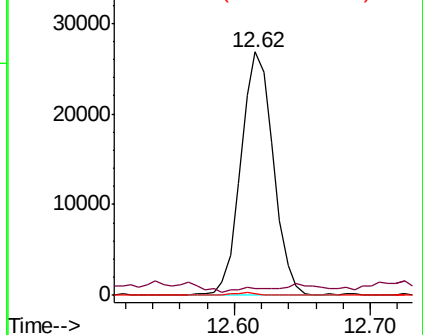
89 0.7 33.5 50.3#



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: 4.586 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW013419.D

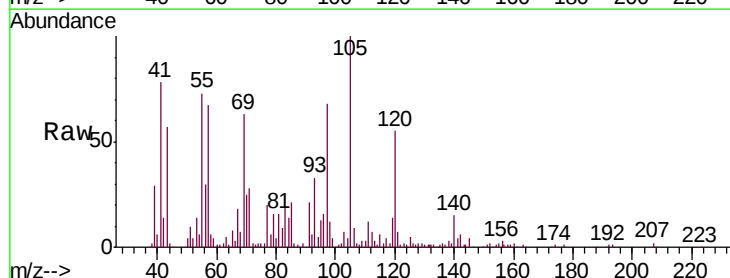
Acq: 03 Oct 2019 14:27

Tgt Ion: 91 Resp: 13647

Ion Ratio Lower Upper

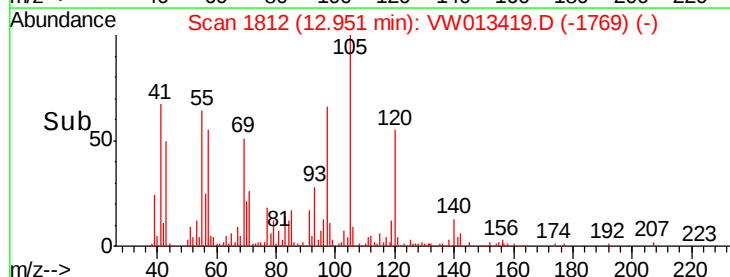
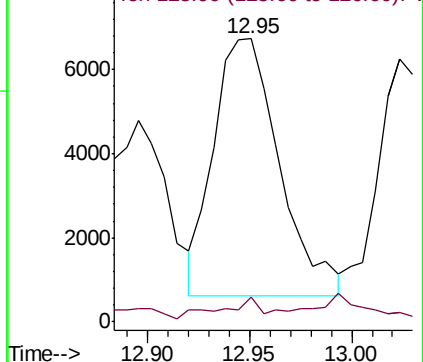
91 100

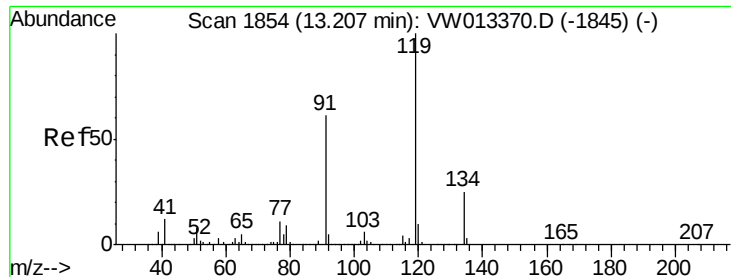
126 5.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

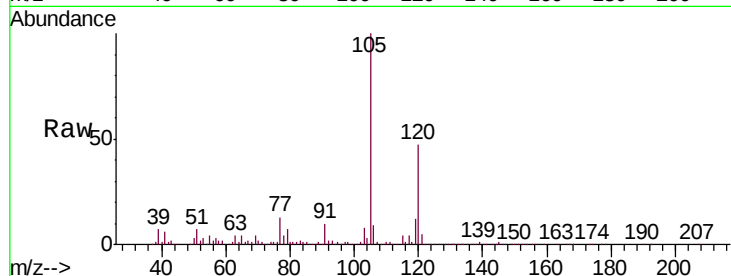




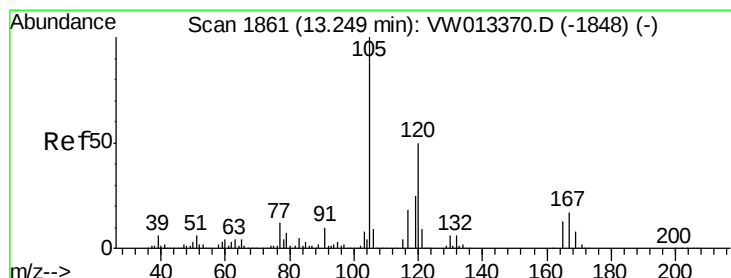
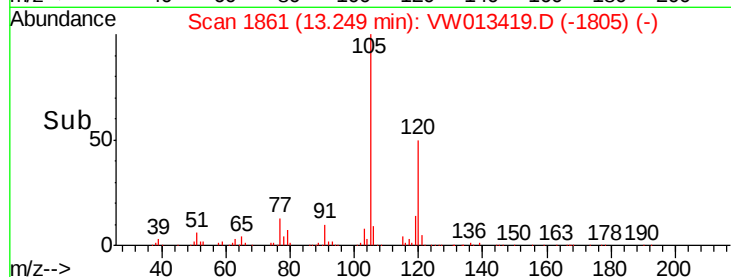
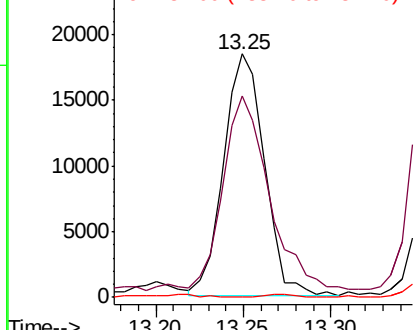
#83
tert-Butylbenzene
Concen: 9.234 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.04 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :
20190762-SS-COMP-2RE

Tgt Ion:119 Resp: 29791
Ion Ratio Lower Upper
119 100
91 92.3 30.7 92.1#
134 0.0 12.6 37.6#

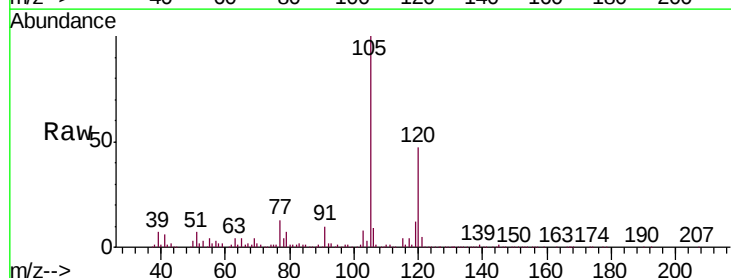


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

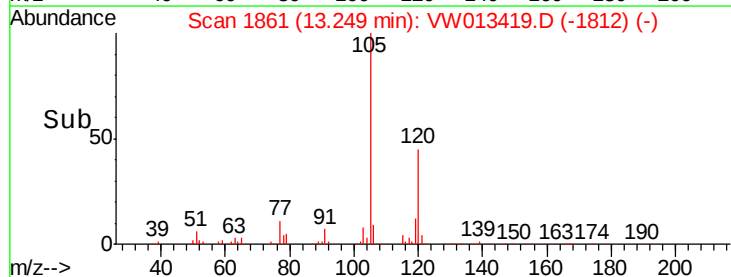
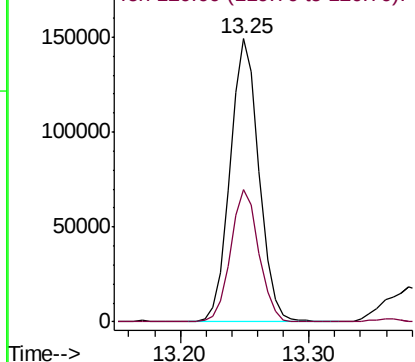


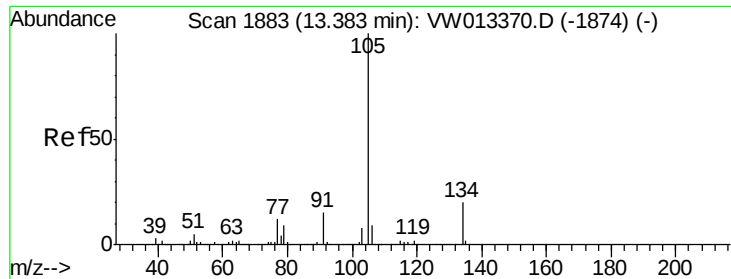
#84
1,2,4-Trimethylbenzene
Concen: 62.935 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013419.D
Acq: 03 Oct 2019 14:27

Tgt Ion:105 Resp: 231084
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

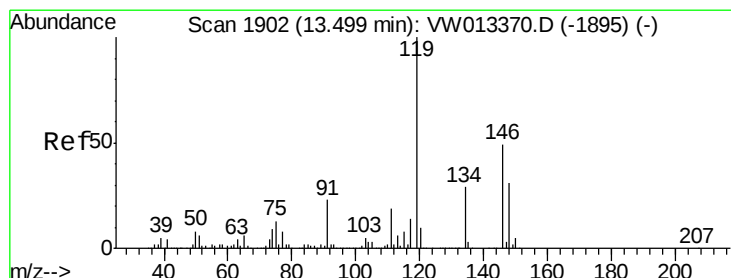
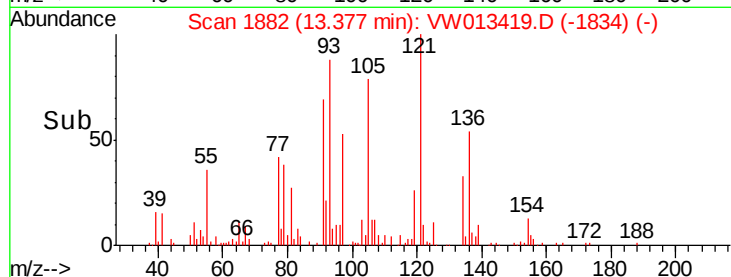
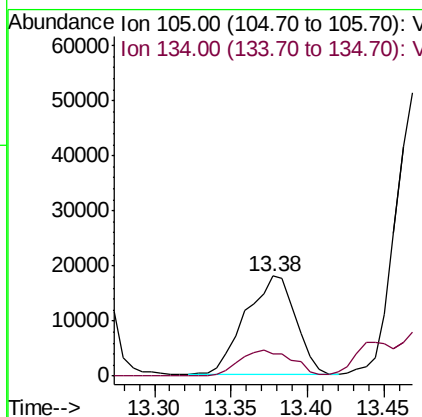
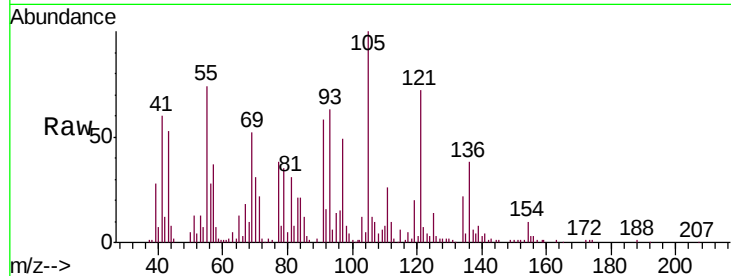




#85
 sec-Butylbenzene
 Concen: 9.181 ug/l
 RT: 13.38 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

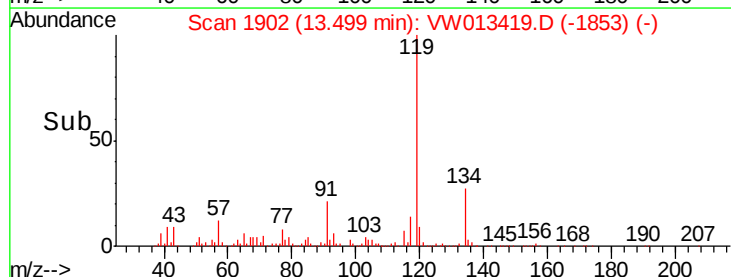
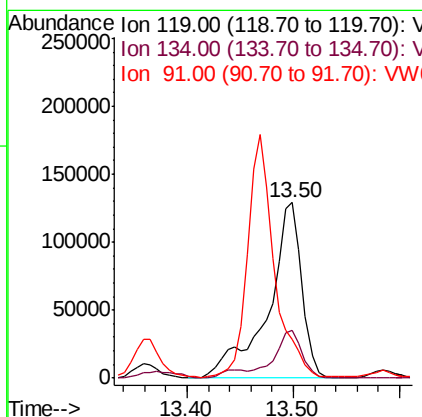
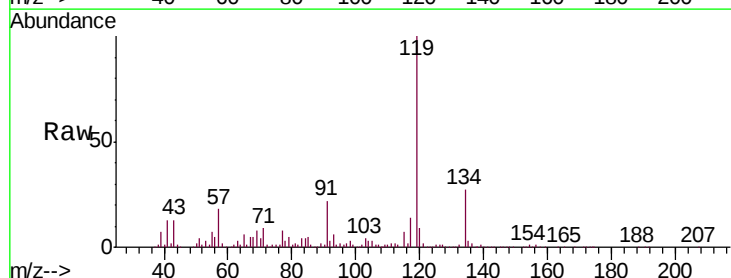
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

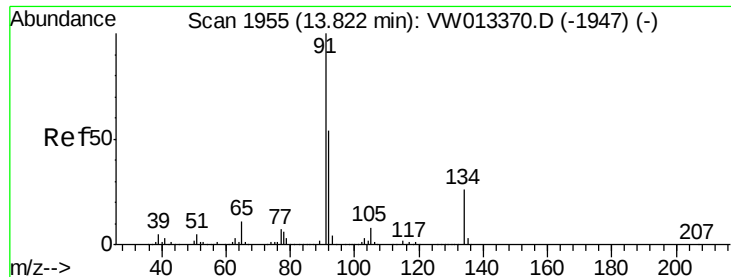
Tgt Ion:105 Resp: 40839
 Ion Ratio Lower Upper
 105 100
 134 28.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 68.338 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion:119 Resp: 281707
 Ion Ratio Lower Upper
 119 100
 134 22.3 13.3 39.8
 91 0.0 10.8 32.4#





#89

n-Butylbenzene

Concen: 18.751 ug/l

RT: 13.71 min Scan# 1937

Delta R.T. -0.11 min

Lab File: VW013419.D

Acq: 03 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

20190762-SS-COMP-2RE

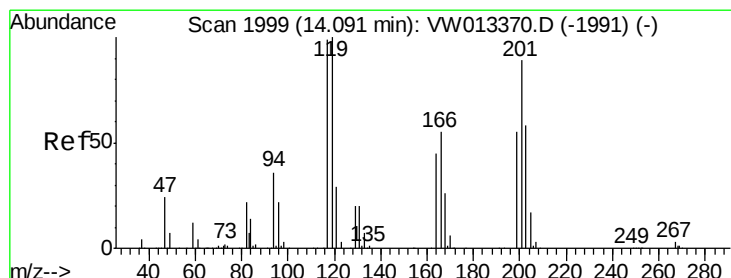
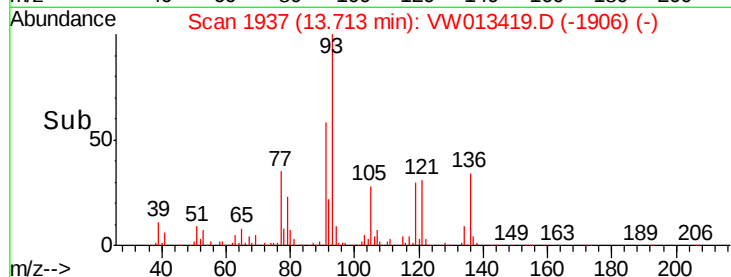
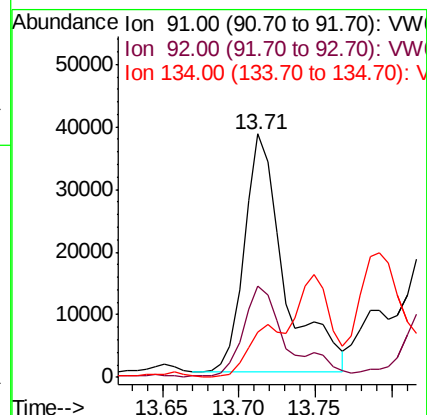
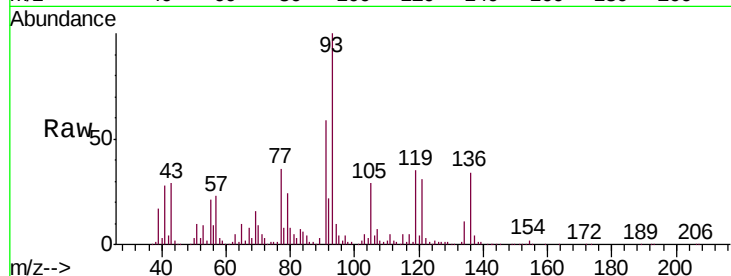
Tgt Ion: 91 Resp: 69687

Ion Ratio Lower Upper

91 100

92 40.4 27.6 82.8

134 19.9 13.7 41.1



#90

Hexachloroethane

Concen: 10.524 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013419.D

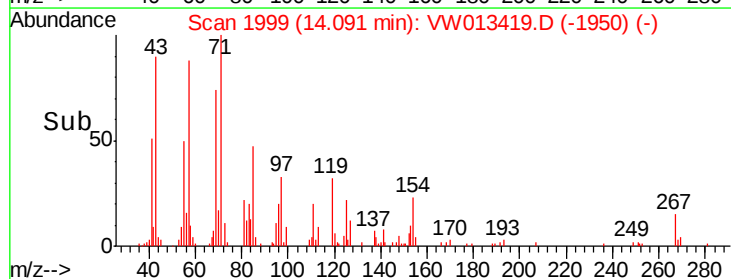
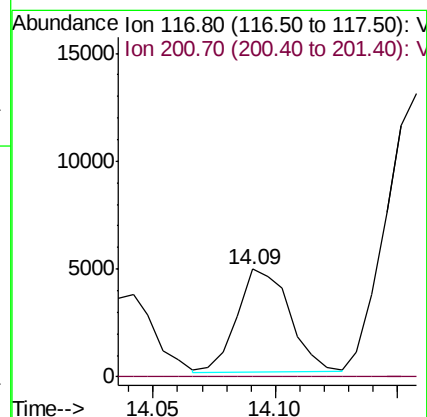
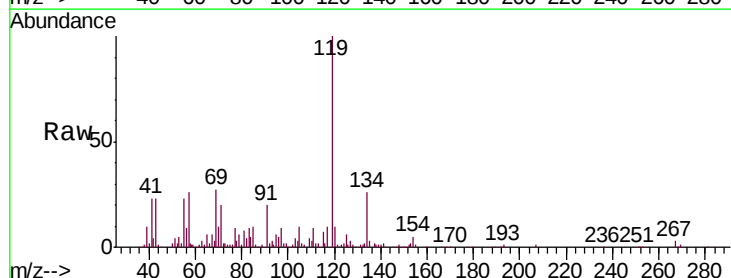
Acq: 03 Oct 2019 14:27

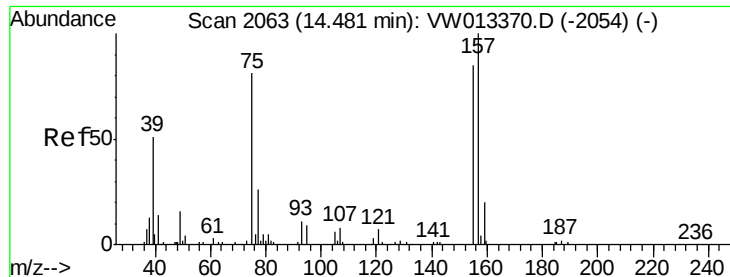
Tgt Ion: 117 Resp: 7167

Ion Ratio Lower Upper

117 100

201 0.0 44.5 133.5#

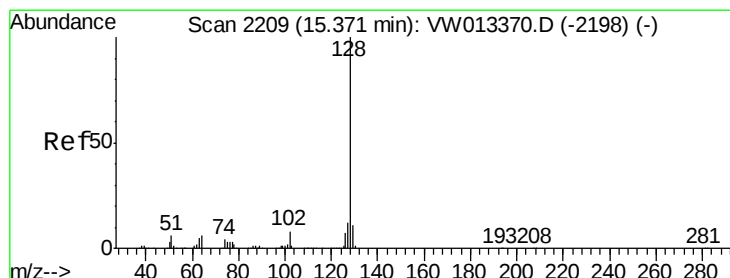
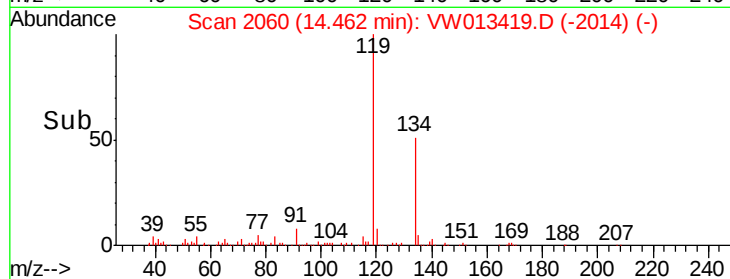
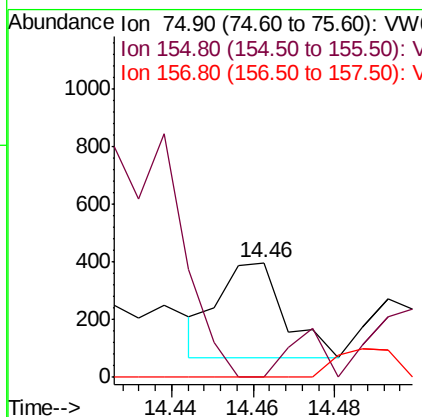
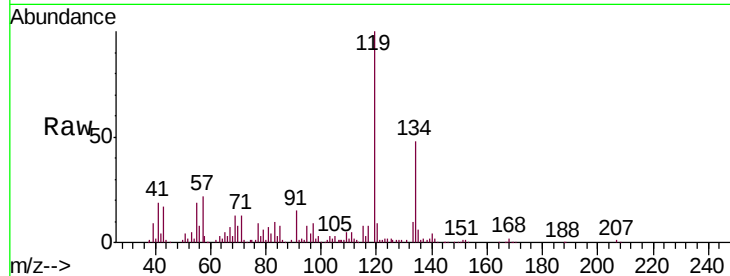




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.260 ug/l
 RT: 14.46 min Scan# 2060
 Delta R.T. -0.02 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

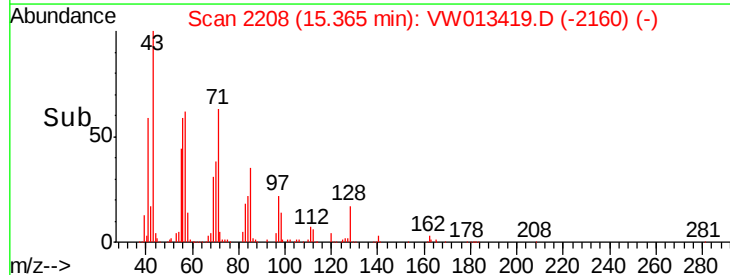
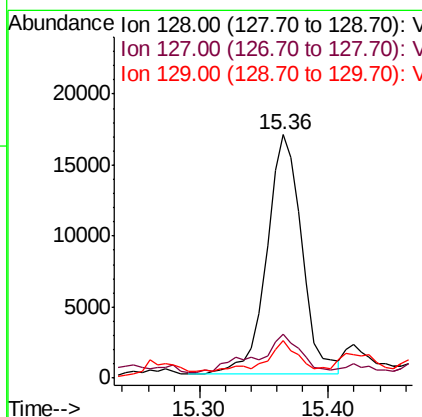
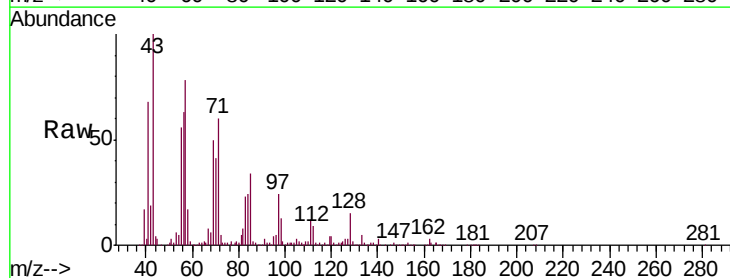
Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

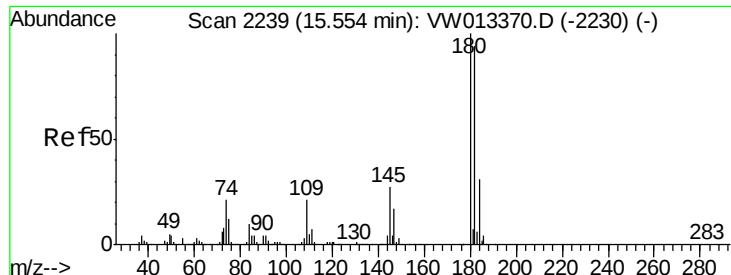
Tgt Ion: 75 Resp: 367
 Ion Ratio Lower Upper
 75 100
 155 27.2 46.1 138.3#
 157 0.0 60.4 181.2#



#95
 Naphthalene
 Concen: 14.886 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Tgt Ion: 128 Resp: 31999
 Ion Ratio Lower Upper
 128 100
 127 19.8 10.6 15.8#
 129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.155 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW013419.D
 Acq: 03 Oct 2019 14:27

Instrument :
 MSVOA_W
 ClientSampleId :
 20190762-SS-COMP-2RE

Tgt Ion	Ratio	Lower	Upper
180	100		
182	49.1	47.9	143.7
145	712.4	15.0	45.0#

