

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008071.D
 Acq On : 07 Jan 2019 15:55
 Operator : SY/AP
 Sample : K1064-01RE
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-1419-SRE

Quant Time: Jan 08 03:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	67177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	20079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	41151	56.71	ug/l	0.00
Spiked Amount			Recovery	=	113.42%	
35) Dibromofluoromethane	7.88	113	35006	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.32	98	120018	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.62	95	33295	32.95	ug/l	0.00
Spiked Amount			Recovery	=	65.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	551	1.853	ug/l	98
11) Tert butyl alcohol	5.20	59	138	2.927	ug/l #	71
13) Acrolein	4.10	56	70	2.191	ug/l #	14
14) Allyl chloride	4.67	41	1006	1.127	ug/l #	14
16) Acetone	4.14	43	22301	198.529	ug/l	97
17) Carbon Disulfide	4.37	76	7707	3.830	ug/l #	89
18) Methyl Acetate	4.67	43	43208	148.321	ug/l	99
20) Methylene Chloride	4.91	84	12075	15.805	ug/l	98
25) 2-Butanone	7.20	43	2167	16.373	ug/l #	81
29) Tetrahydrofuran	7.54	42	2118	25.763	ug/l	93
31) Cyclohexane	7.96	56	11625	10.480	ug/l #	93
36) 1,1-Dichloropropene	7.95	75	5227	4.756	ug/l #	50
37) Ethyl Acetate	7.20	43	2167	6.564	ug/l #	78
38) Carbon Tetrachloride	7.95	117	7002	5.316	ug/l #	15
39) Methylcyclohexane	9.34	83	26392	19.264	ug/l	97
40) Benzene	8.32	78	18945	6.534	ug/l	99
41) Methacrylonitrile	7.54	41	1589	8.186	ug/l #	51
43) Isopropyl Acetate	8.43	43	1547	2.345	ug/l #	49
47) Bromodichloromethane	9.62	83	1043	1.015	ug/l #	27
48) Methyl methacrylate	9.52	41	1400	4.209	ug/l #	51
51) 4-Methyl-2-Pentanone	10.22	43	2369	7.758	ug/l	95
52) Toluene	10.39	92	40837	21.334	ug/l	100
55) 1,1,2-Trichloroethane	10.76	97	15497	31.193	ug/l #	22
56) Ethyl methacrylate	10.66	69	2605	4.638	ug/l #	1
59) 2-Hexanone	11.12	43	2448	11.613	ug/l	81
67) Ethyl Benzene	11.73	91	12859	5.046	ug/l #	86
68) m/p-Xylenes	11.84	106	17254	17.513	ug/l	89
69) o-Xylene	12.17	106	53936	58.835	ug/l	92
70) Styrene	12.16	104	5212	3.488	ug/l #	1
73) Isopropylbenzene	12.47	105	5970	3.739	ug/l	94
74) N-amyl acetate	12.26	43	66648	268.164	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.69	83	16151	79.502	ug/l #	92
76) 1,2,3-Trichloropropane	12.90	75	3427	21.454	ug/l #	1
78) n-propylbenzene	12.80	91	15184	8.202	ug/l #	53

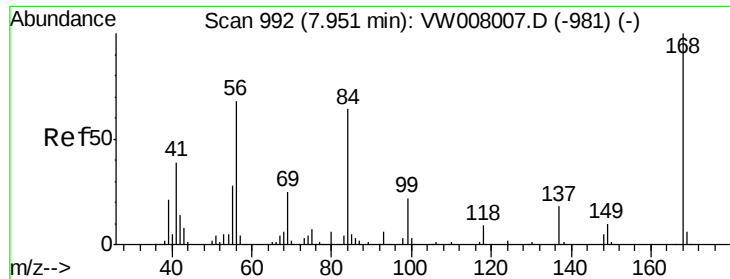
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.80	91	15184	14.192	uq/l	89
80) 1,3,5-Trimethylbenzene	12.95	105	296998	216.103	uq/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	14531	215.124	uq/l #	13
82) 4-Chlorotoluene	12.80	91	14910	13.106	uq/l	91
83) tert-Butylbenzene	13.21	119	32379	26.928	uq/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	84162	60.459	uq/l	98
85) sec-Butylbenzene	13.39	105	20789	12.568	uq/l	85
86) p-Isopropyltoluene	13.51	119	129771	86.979	uq/l	97
89) n-Butylbenzene	13.80	91	194216	142.315	uq/l #	1
90) Hexachloroethane	14.11	117	57913	223.701	uq/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3283	79.622	uq/l #	26
93) 1,2,4-Trichlorobenzene	15.15	180	2648	6.196	uq/l #	1
95) Naphthalene	15.38	128	20071	27.576	uq/l #	68
96) 1,2,3-Trichlorobenzene	15.59	180	12252	34.842	uq/l #	12

(#) = 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: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

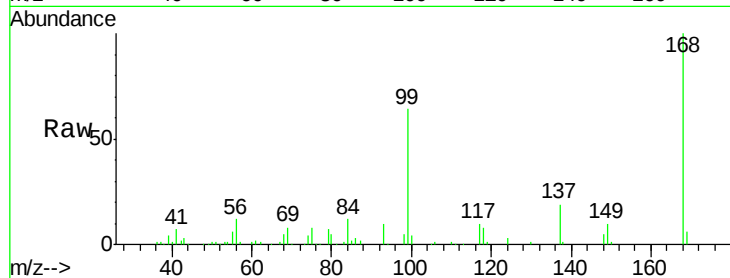
P-1419-SRE

Tot Ion:168 Resp: 65609

Ion Ratio Lower Upper

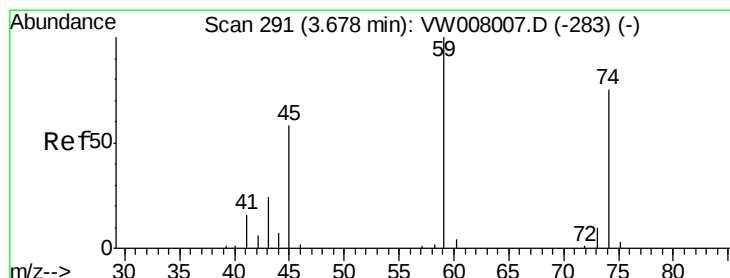
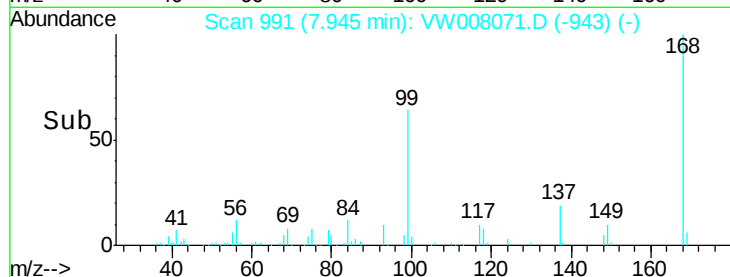
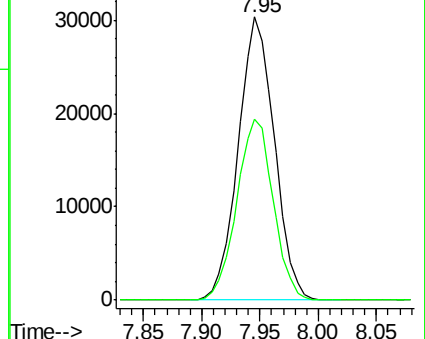
168 100

99 63.7 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.853 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008071.D

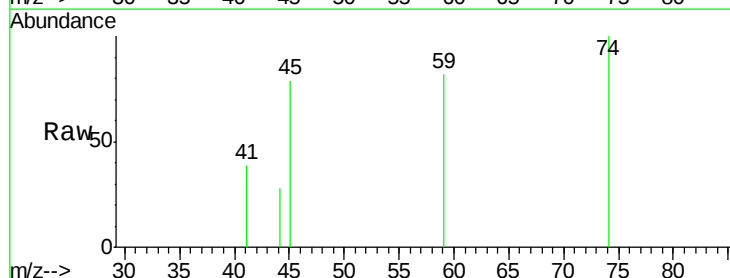
Acq: 07 Jan 2019 15:55

Tgt Ion: 74 Resp: 551

Ion Ratio Lower Upper

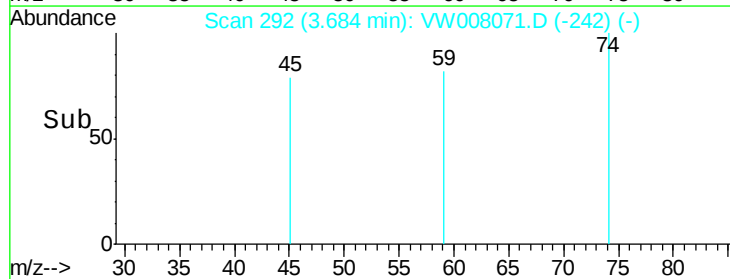
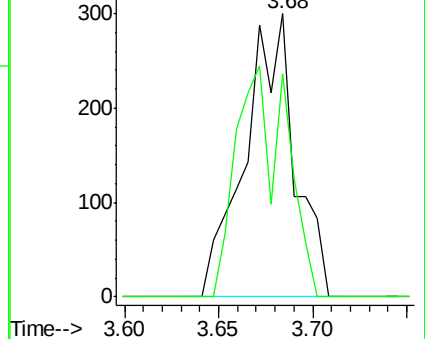
74 100

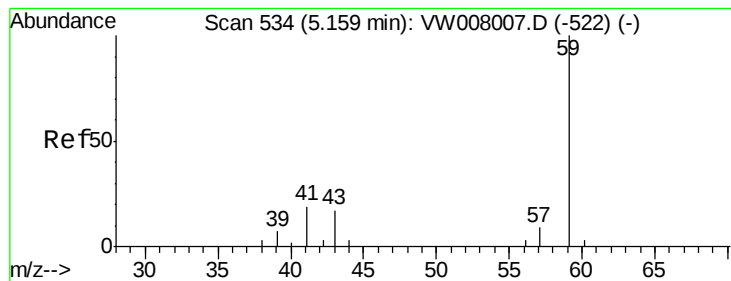
45 81.3 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



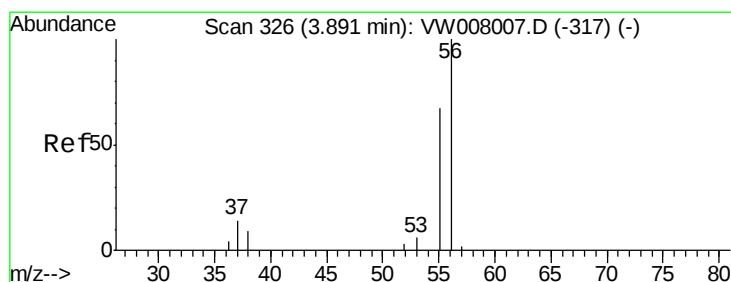
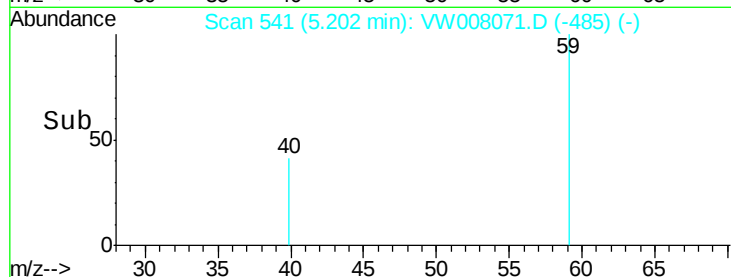
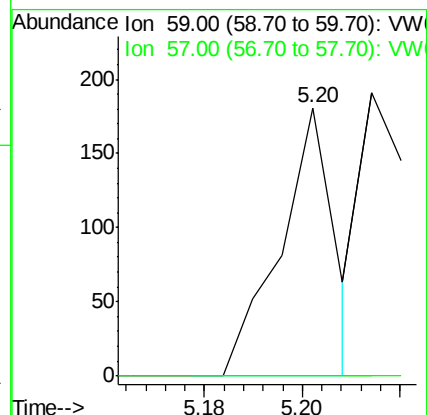
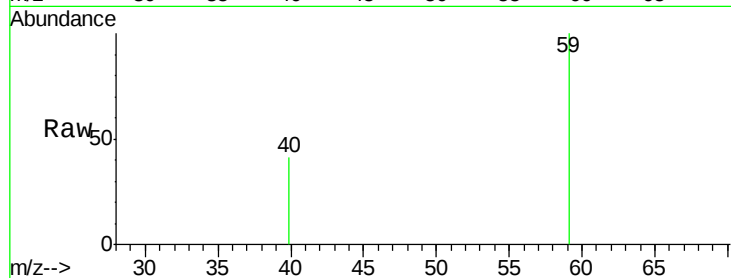


#11

Tert butyl alcohol
 Concen: 2.927 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.04 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 P-1419-SRE

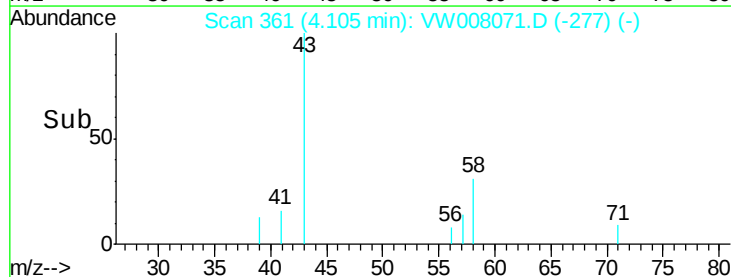
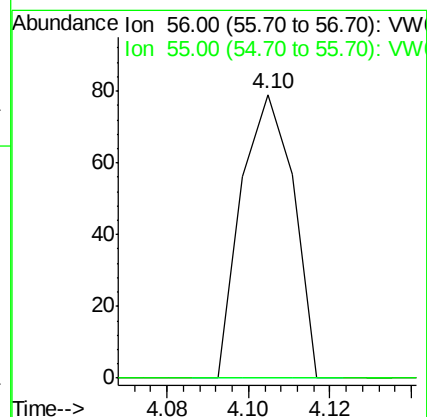
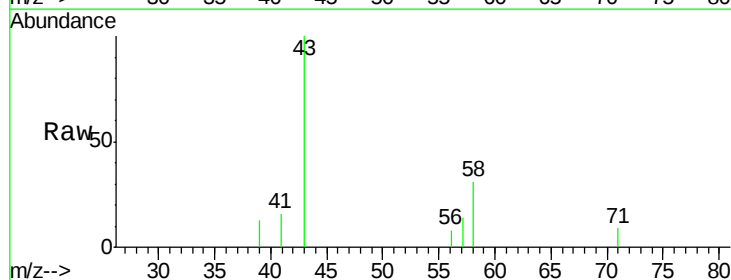
Tot Ion: 59 Resp: 138
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

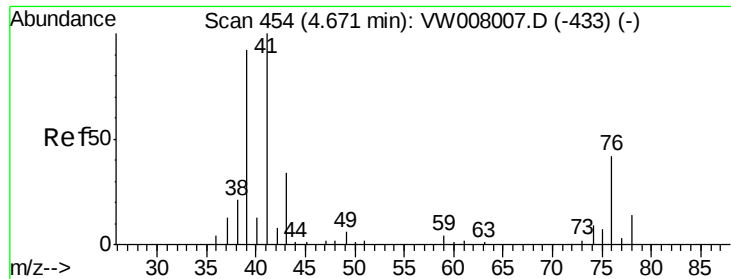


#13

Acrolein
 Concen: 2.191 ug/l
 RT: 4.10 min Scan# 361
 Delta R.T. 0.21 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 56 Resp: 70
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.3 85.9#

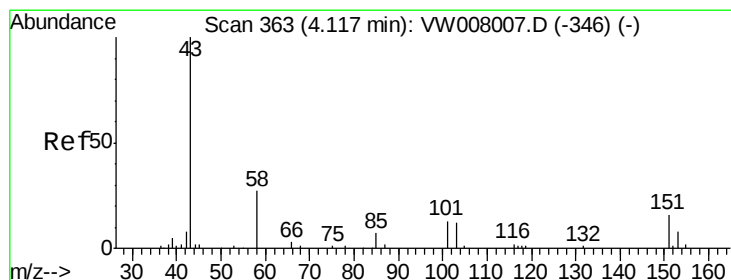
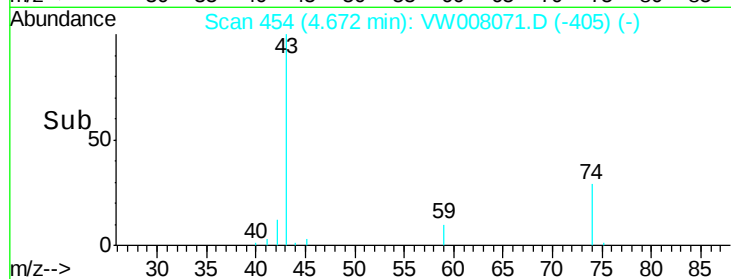
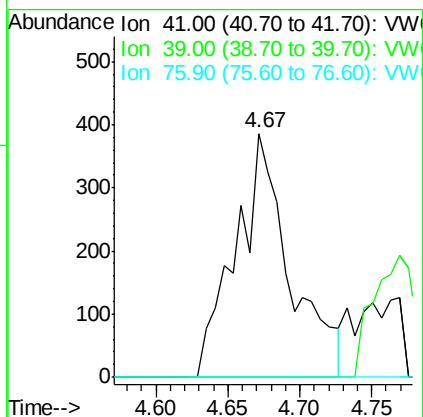
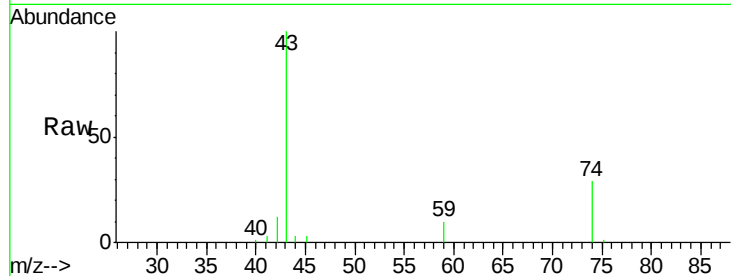




#14
Allvl chloride
Concen: 1.127 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

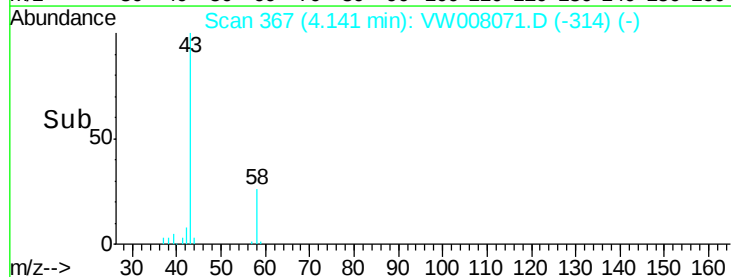
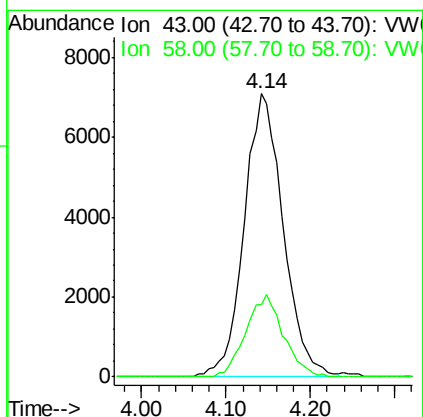
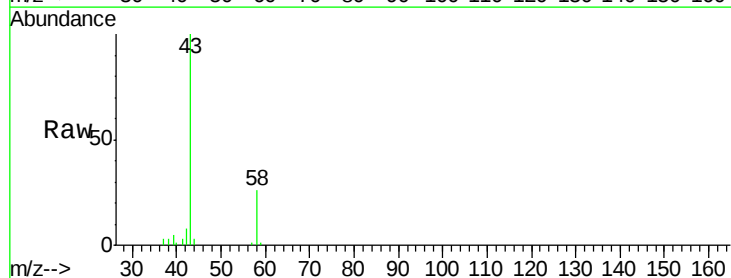
Instrument :
MSVOA_W
ClientSampleId :
P-1419-SRE

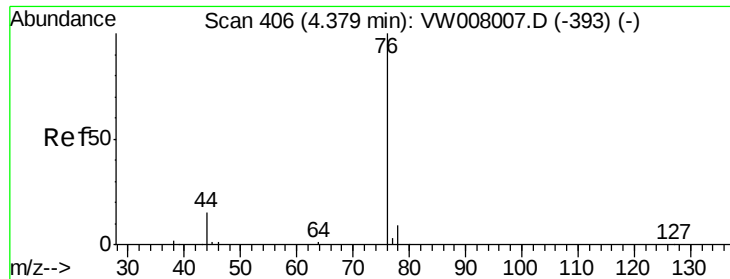
Tot Ion: 41 Resp: 1006
Ion Ratio Lower Upper
41 100
39 0.0 71.1 106.7#
76 0.0 33.4 50.2#



#16
Acetone
Concen: 198.529 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 22301
Ion Ratio Lower Upper
43 100
58 25.6 21.7 32.5

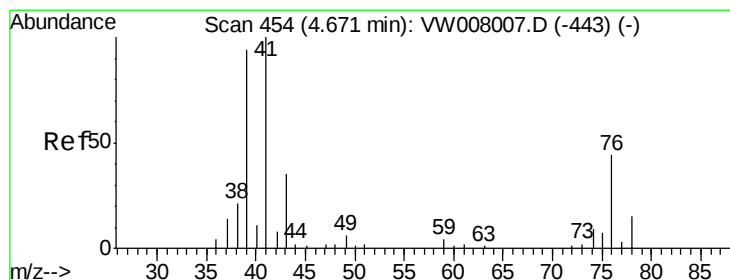
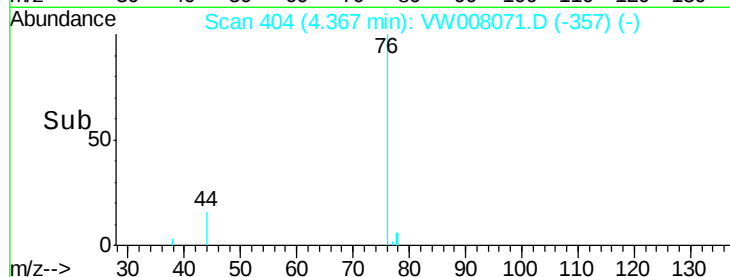
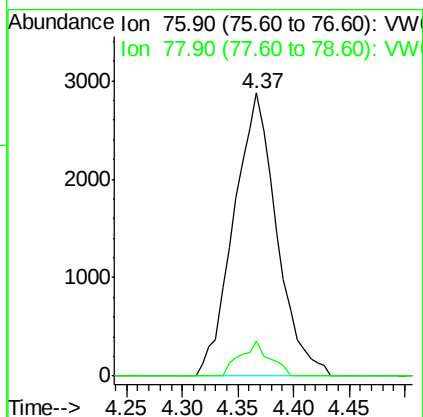
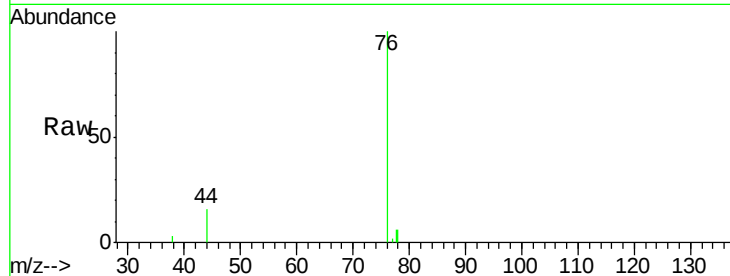




#17
Carbon Disulfide
Concen: 3.830 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

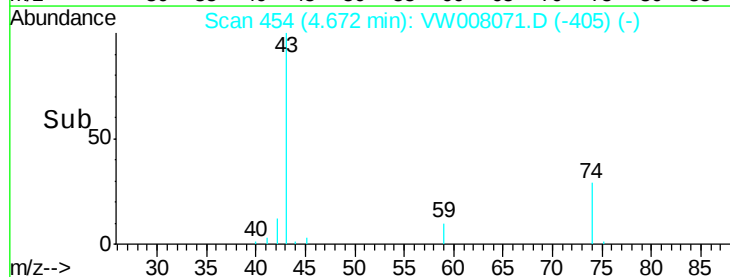
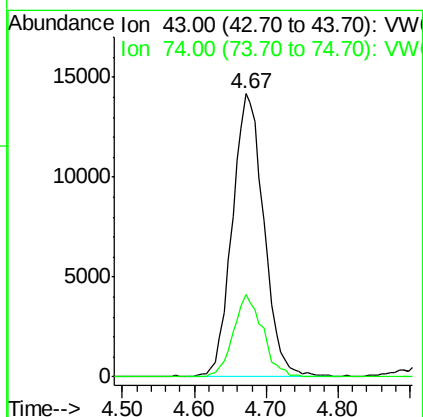
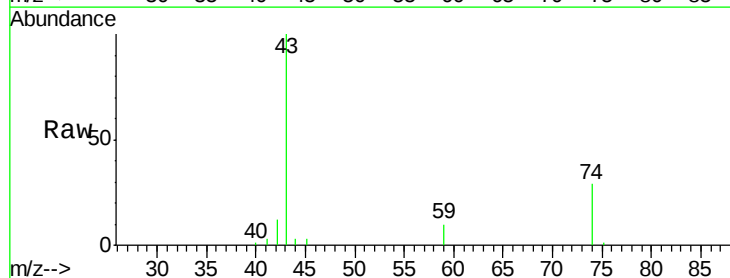
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MSVOA_W
ClientSampleId :
P-1419-SRE

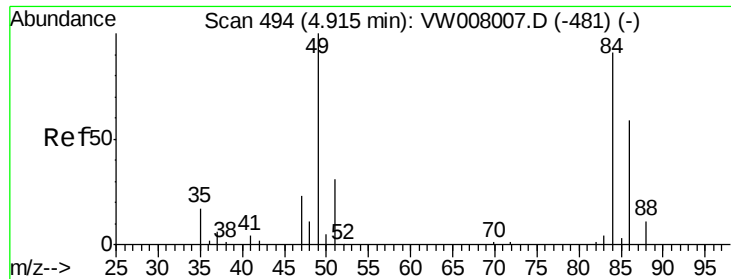
Tot Ion: 76 Resp: 7707
Ion Ratio Lower Upper
76 100
78 12.5 7.0 10.4#



#18
Methyl Acetate
Concen: 148.321 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 43208
Ion Ratio Lower Upper
43 100
74 27.1 21.4 32.2

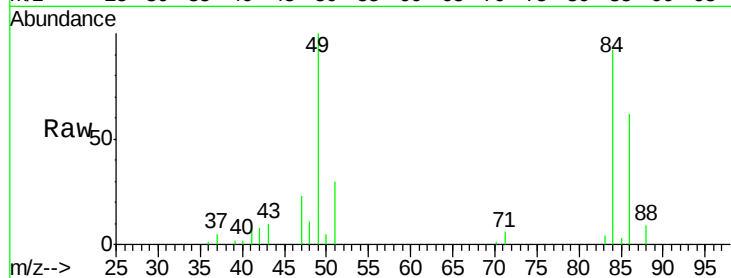




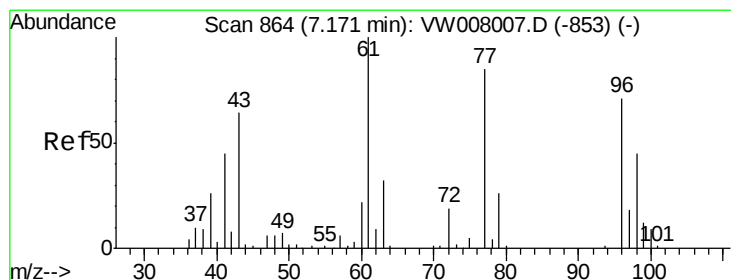
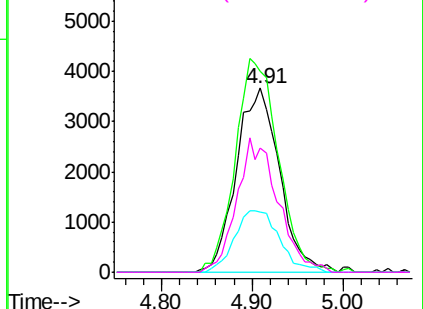
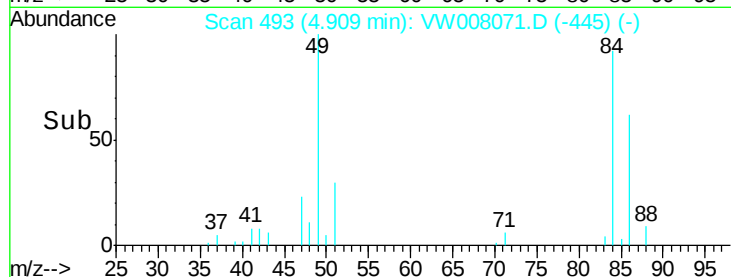
#20
Methvlene Chloride
Concen: 15.805 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_W
ClientSampled :
P-1419-SRE

Tot Ion: 84 Resp: 12075
Ion Ratio Lower Upper
84 100
49 109.2 87.7 131.5
51 32.8 27.3 40.9
86 67.2 51.4 77.0

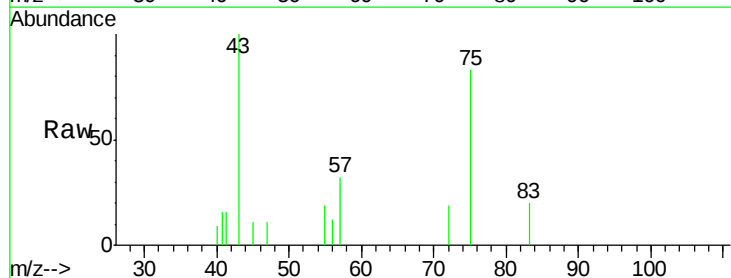


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

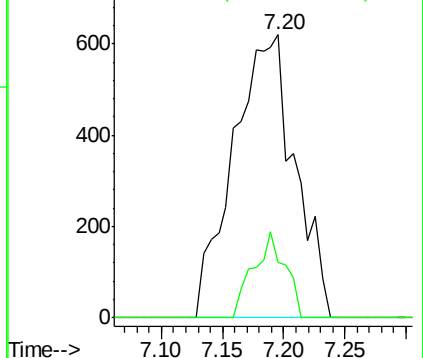
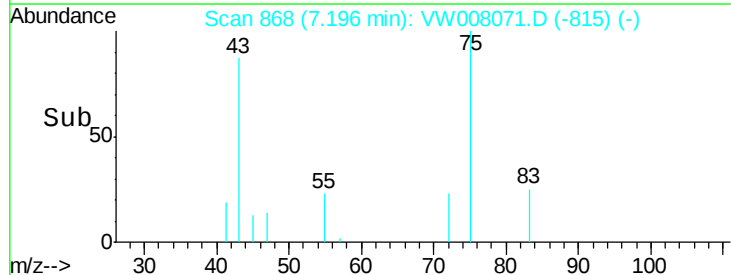


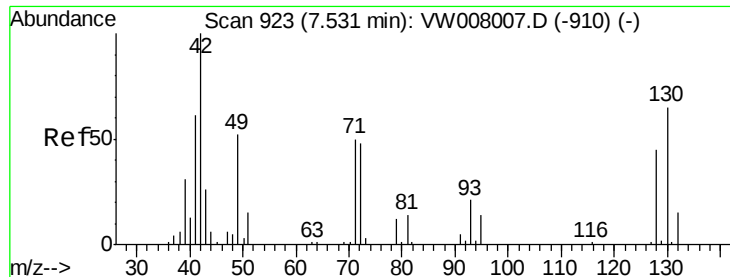
#25
2-Butanone
Concen: 16.373 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
72 19.4 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 25.763 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

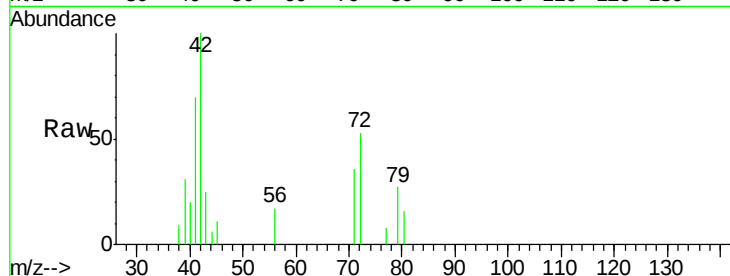
Tot Ion: 42 Resp: 2118

Ion Ratio Lower Upper

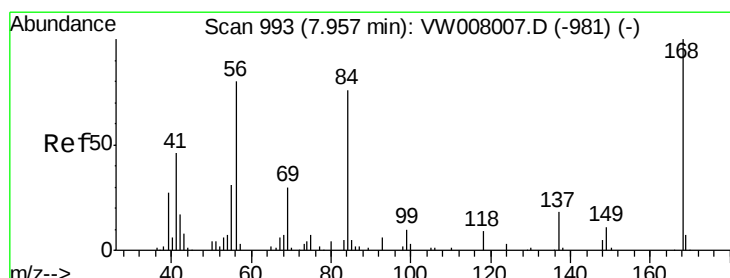
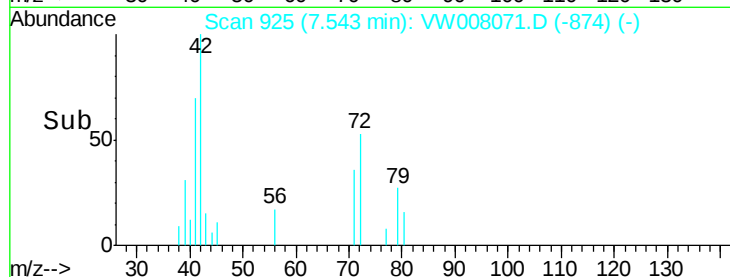
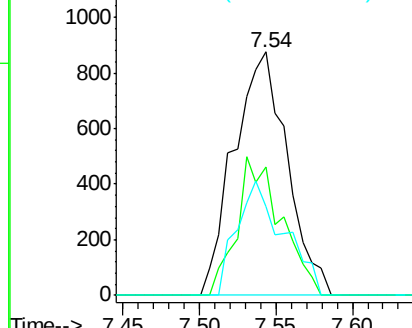
42 100

72 47.2 39.0 58.6

71 41.5 39.1 58.7



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 10.480 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

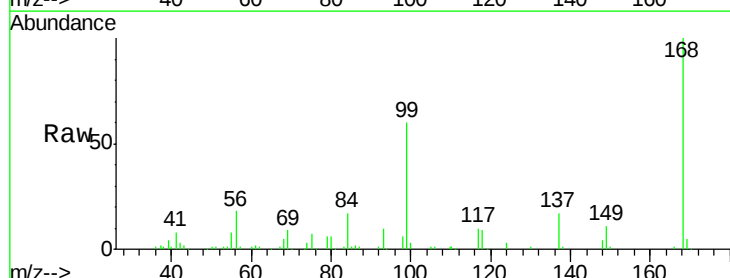
Tgt Ion: 56 Resp: 11625

Ion Ratio Lower Upper

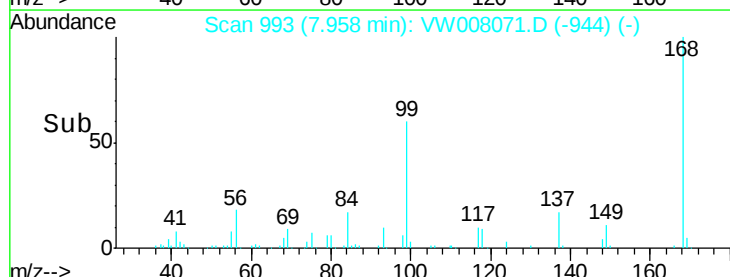
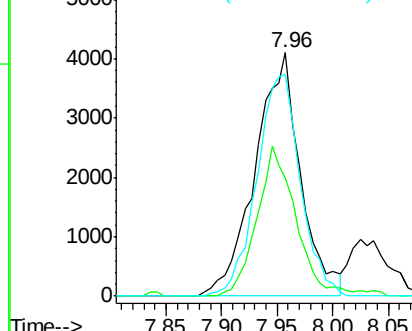
56 100

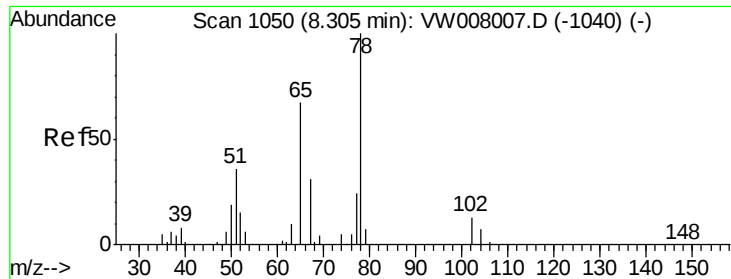
69 48.5 29.8 44.6#

84 91.2 75.2 112.8



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





#33

1,2-Dichloroethane-d4

Concen: 56.707 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

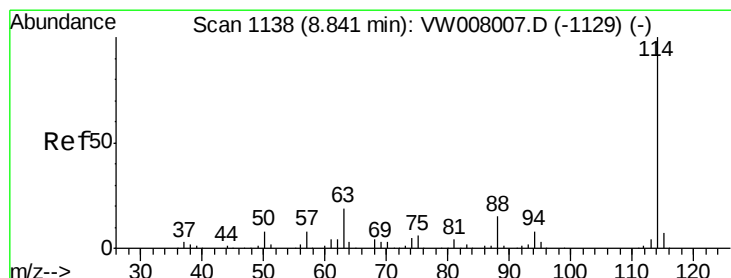
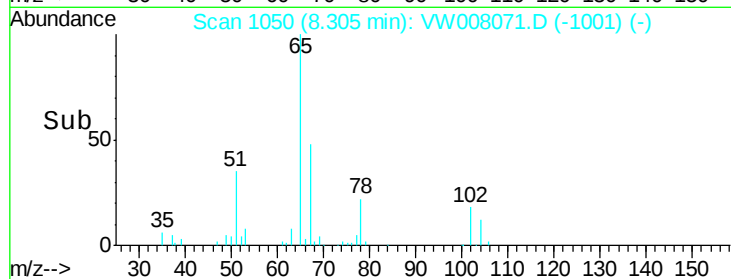
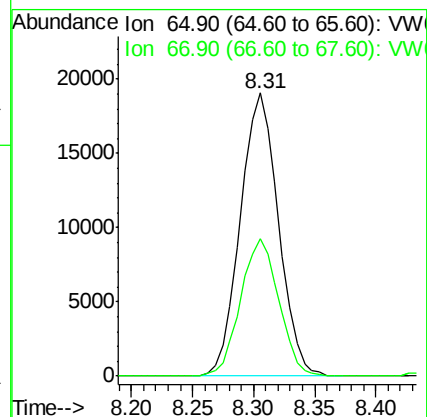
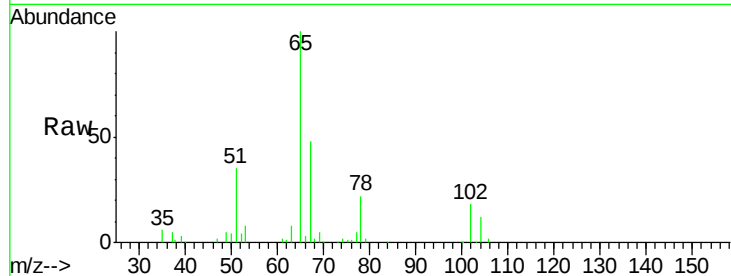
P-1419-SRE

Tot Ion: 65 Resp: 41151

Ion Ratio Lower Upper

65 100

67 48.7 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

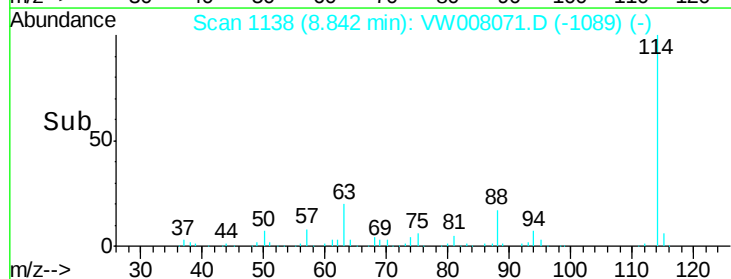
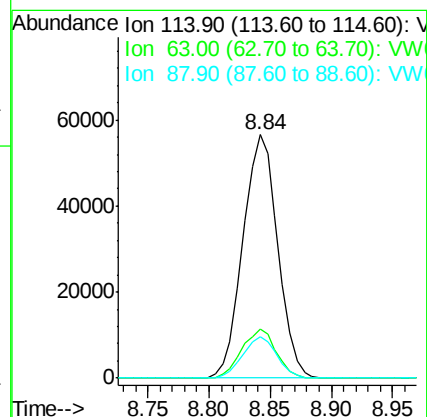
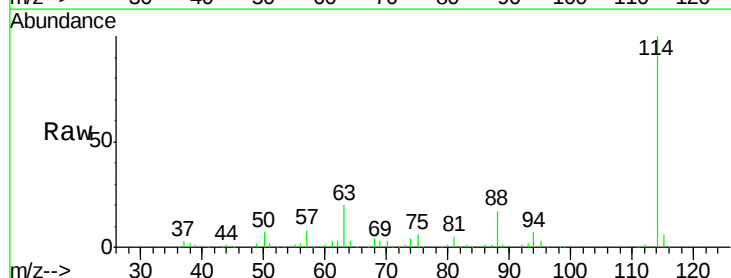
Tgt Ion: 114 Resp: 111419

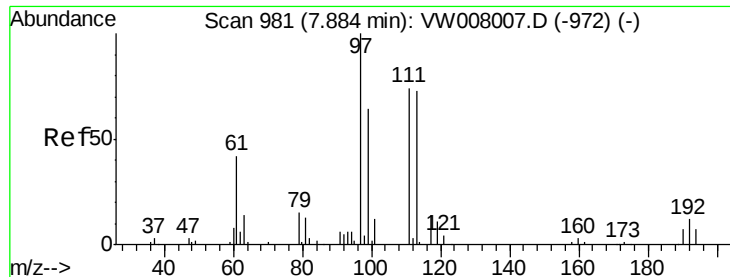
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.8

88 16.8 0.0 31.0

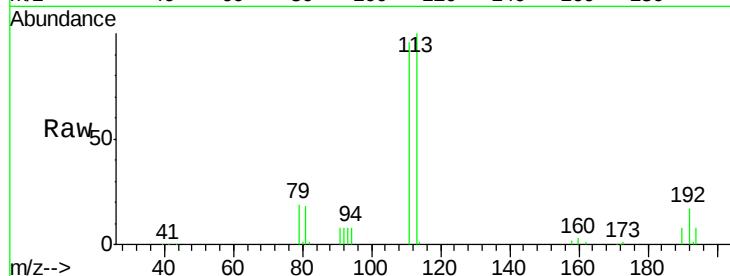




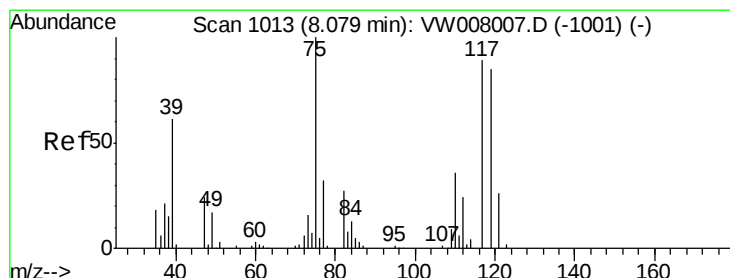
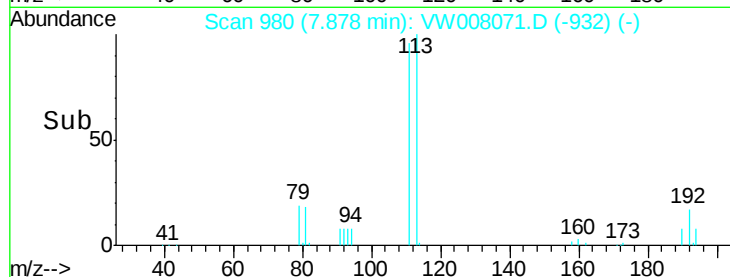
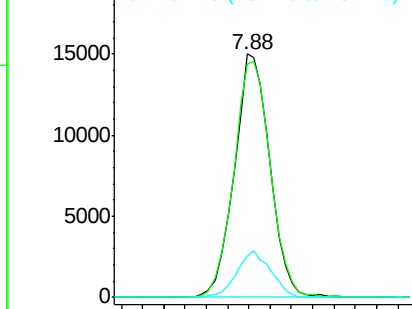
#35
 Dibromofluoromethane
 Concen: 49.838 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Instrument :
 MSVOA_W
 ClientSampleId :
 P-1419-SRE

Tot Ion:113 Resp: 35006
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.4 122.0
 192 18.1 14.8 22.2

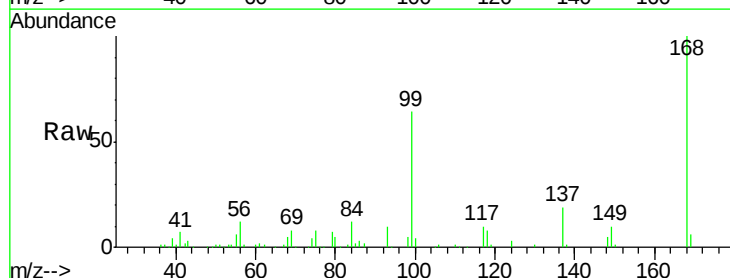


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

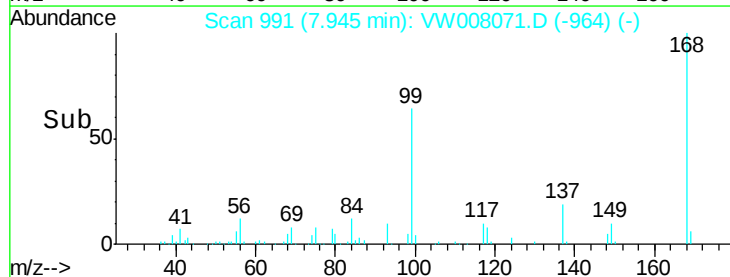
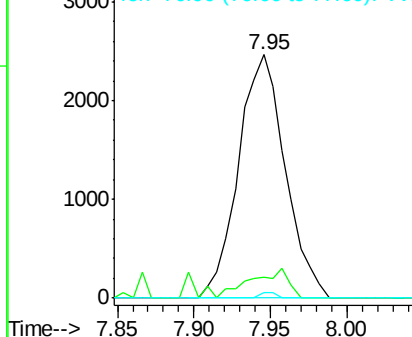


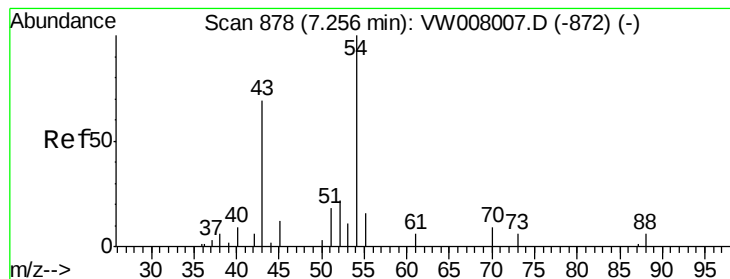
#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 75 Resp: 5227
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.1 54.3#
 77 0.0 25.3 37.9#



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: 6.564 ug/l

RT: 7.20 min Scan# 868

Delta R.T. -0.06 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

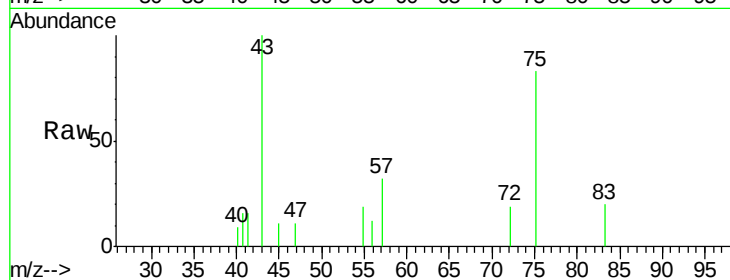
Tot Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

61 8.3 11.4 17.2#

70 0.0 9.4 14.0#



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

7.20

600

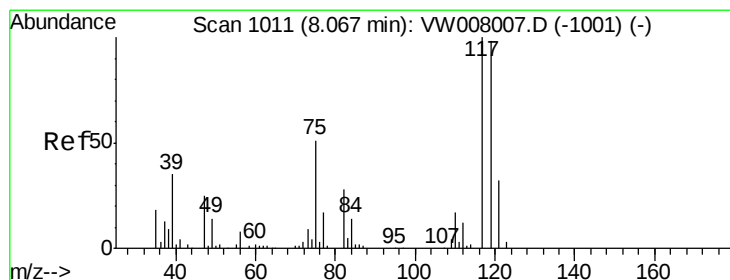
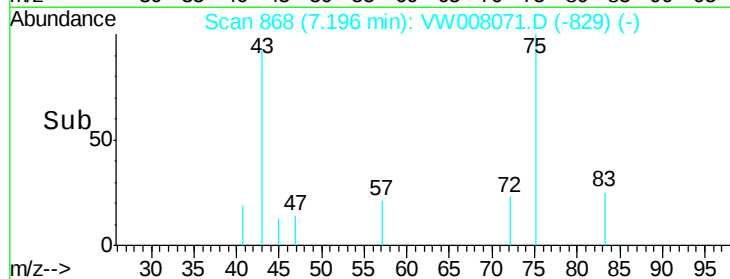
400

200

0

7.10 7.15 7.20 7.25

Time-->



#38

Carbon Tetrachloride

Concen: 5.316 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

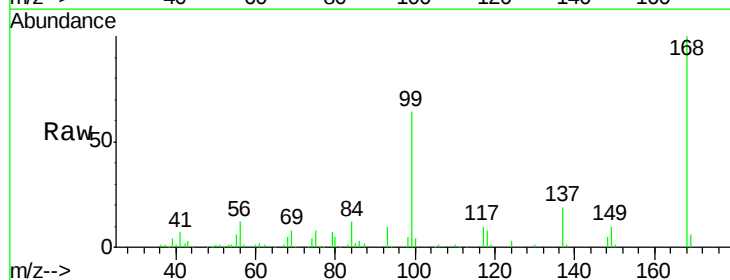
Tgt Ion: 117 Resp: 7002

Ion Ratio Lower Upper

117 100

119 5.4 78.7 118.1#

121 0.0 25.8 38.8#



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

7.95

4000

3000

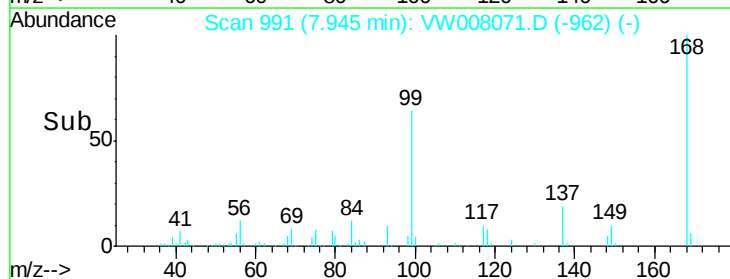
2000

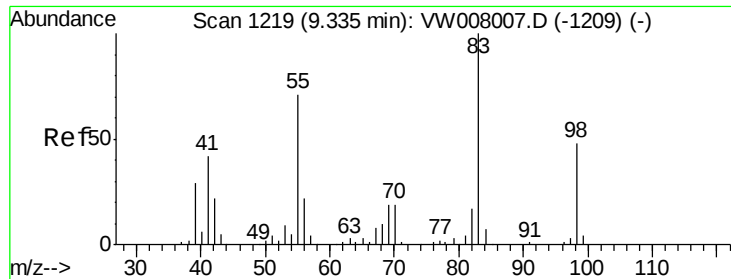
1000

0

7.85 7.90 7.95 8.00

Time-->

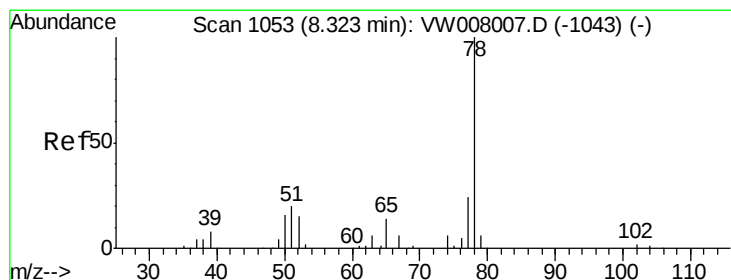
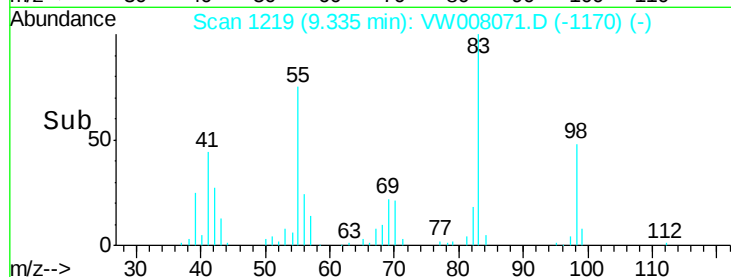
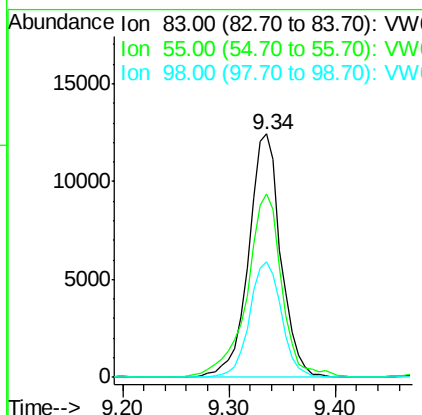
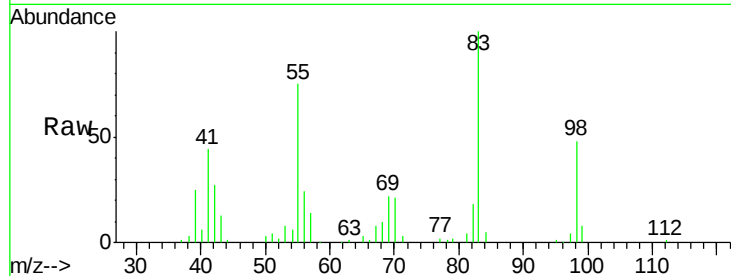




#39
Methvlcvclohexane
Concen: 19.264 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

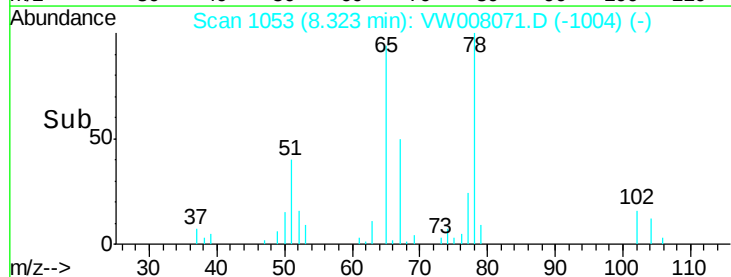
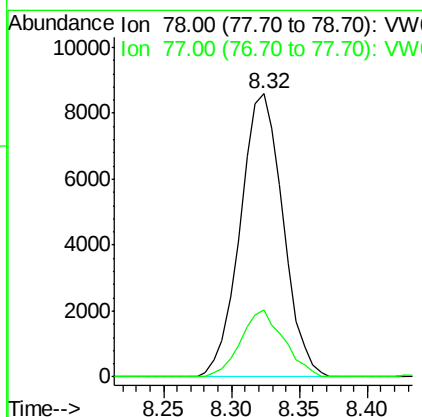
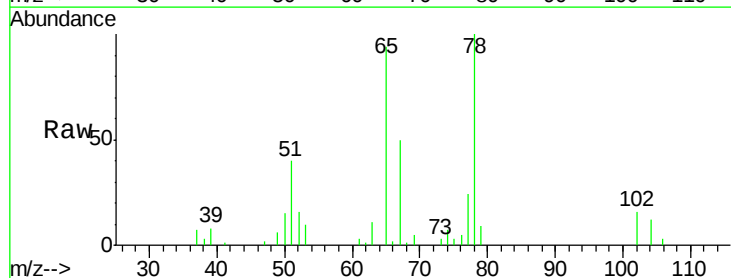
Instrument :
MSVOA_W
ClientSampleId :
P-1419-SRE

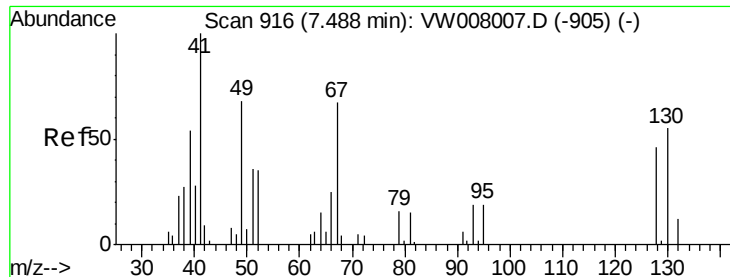
Tot Ion: 83 Resp: 26392
Ion Ratio Lower Upper
83 100
55 74.9 56.8 85.2
98 47.5 38.6 58.0



#40
Benzene
Concen: 6.534 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 78 Resp: 18945
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

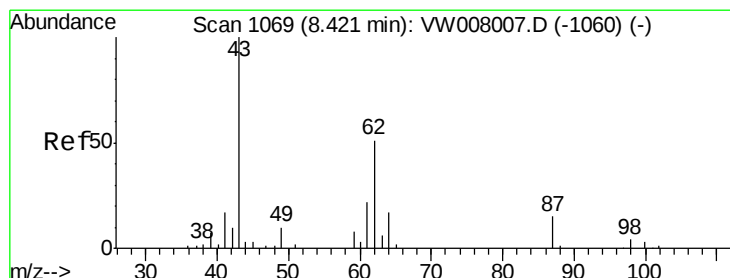
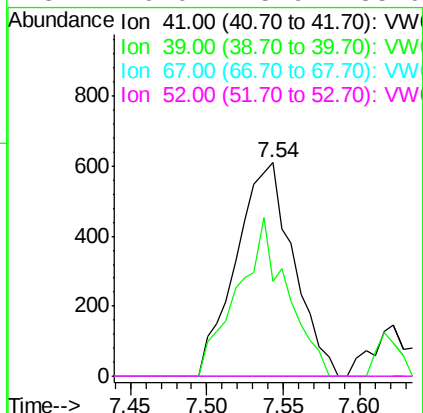
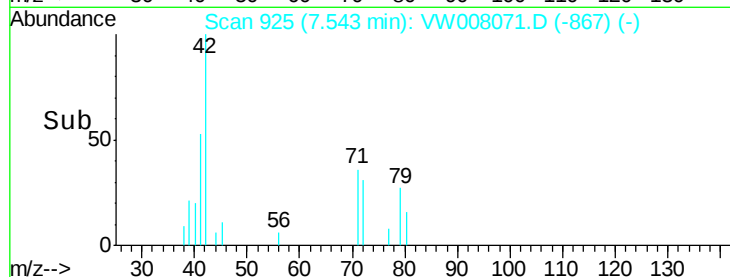
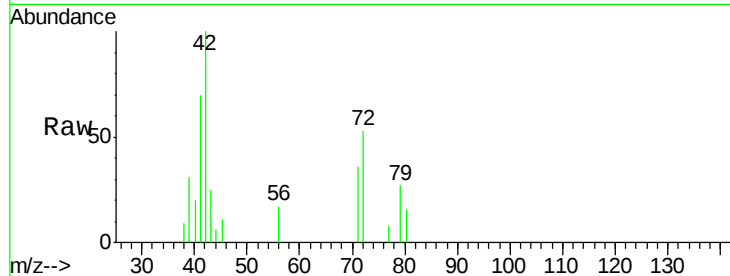




#41
Methacrylonitrile
Concen: 8.186 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.05 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

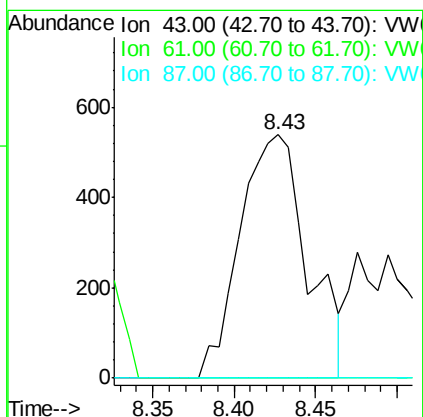
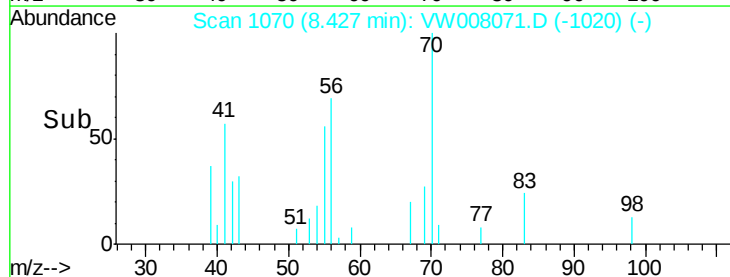
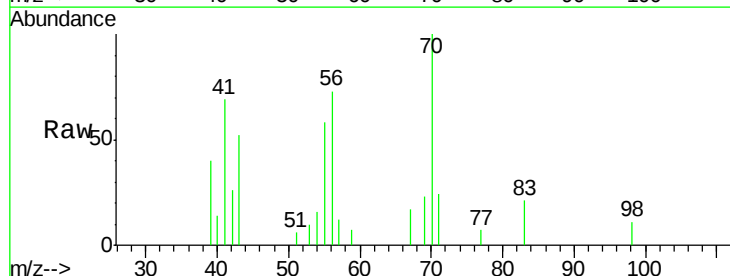
Instrument :
MSVOA_W
ClientSampled :
P-1419-SRE

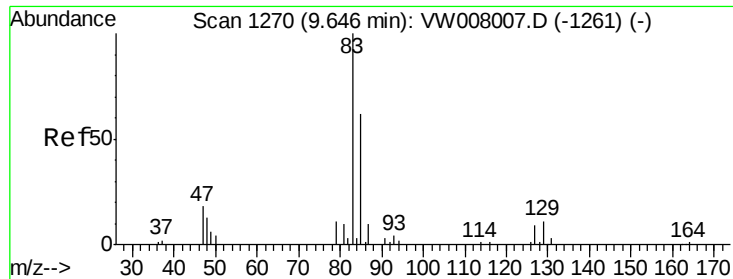
Tot Ion: 41 Resp: 1589
Ion Ratio Lower Upper
41 100
39 64.0 48.6 72.8
67 0.0 55.6 83.4#
52 0.0 25.9 38.9#



#43
Isopropyl Acetate
Concen: 2.345 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
61 0.0 26.4 39.6#
87 0.0 12.0 18.0#





#47

Bromodichloromethane

Concen: 1.015 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampled :

P-1419-SRE

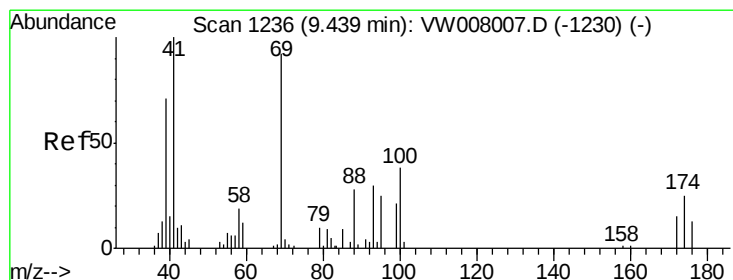
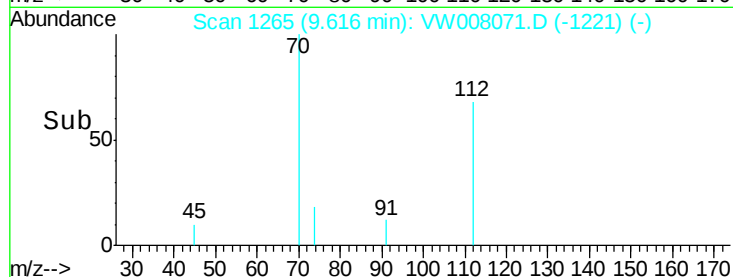
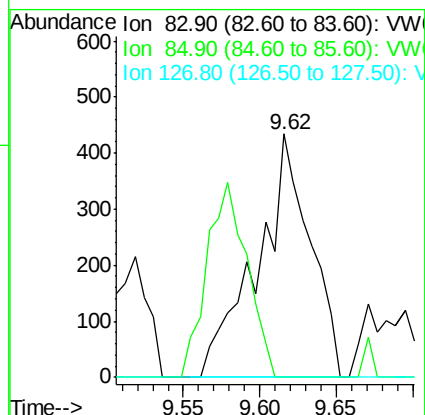
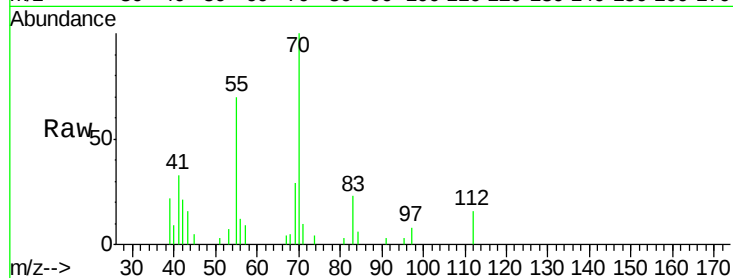
Tot Ion: 83 Resp: 1043

Ion Ratio Lower Upper

83 100

85 0.0 49.5 74.3#

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 4.209 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.08 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

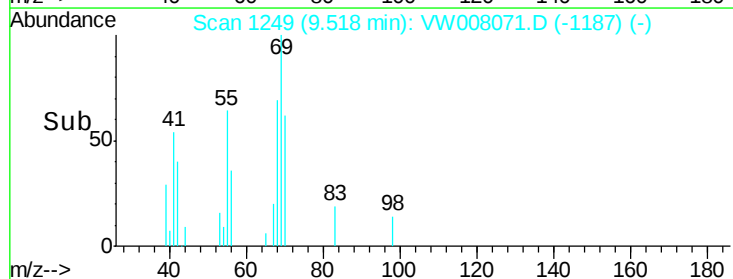
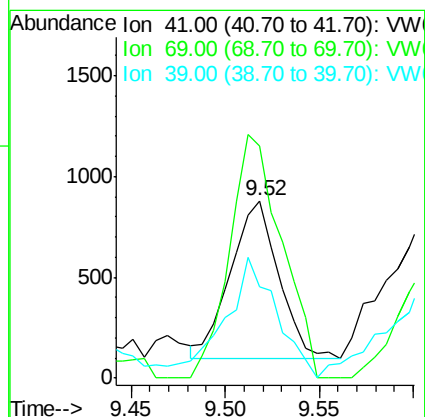
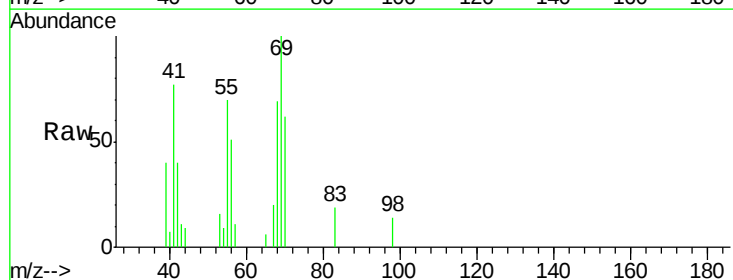
Tgt Ion: 41 Resp: 1400

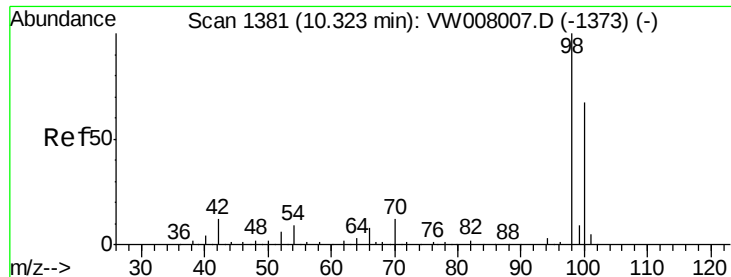
Ion Ratio Lower Upper

41 100

69 165.6 72.3 108.5#

39 82.1 58.7 88.1





#50

Toluene-d8

Concen: 45.551 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampled :

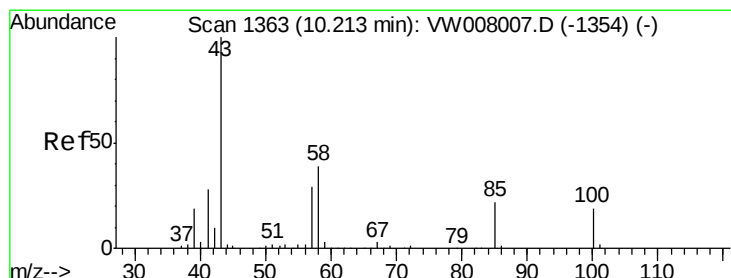
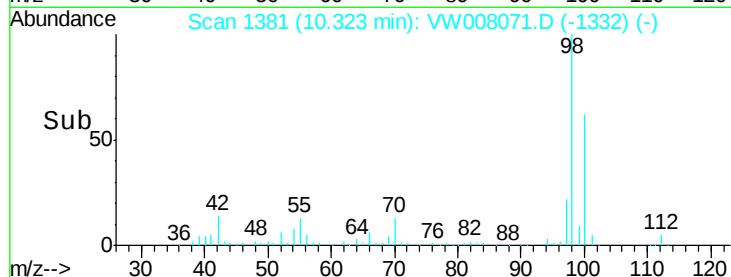
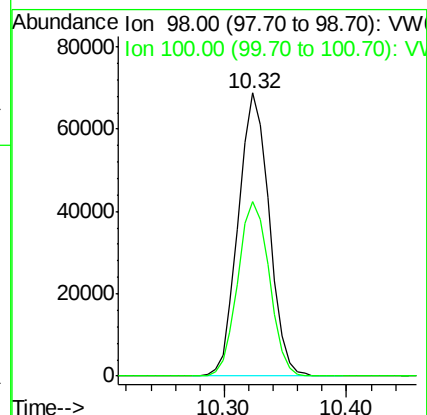
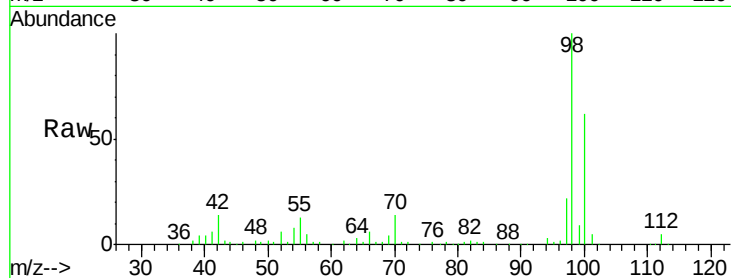
P-1419-SRE

Tot Ion: 98 Resp: 120018

Ion Ratio Lower Upper

98 100

100 62.9 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 7.758 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW008071.D

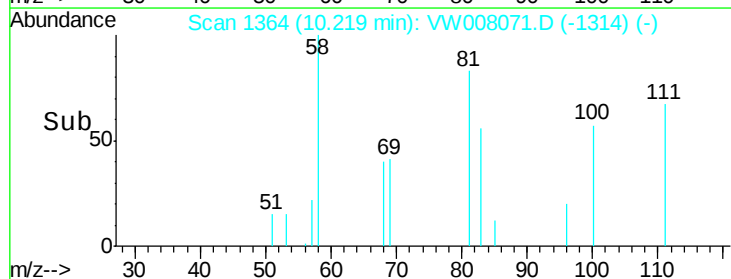
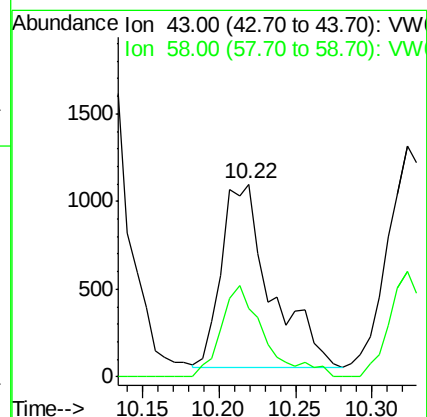
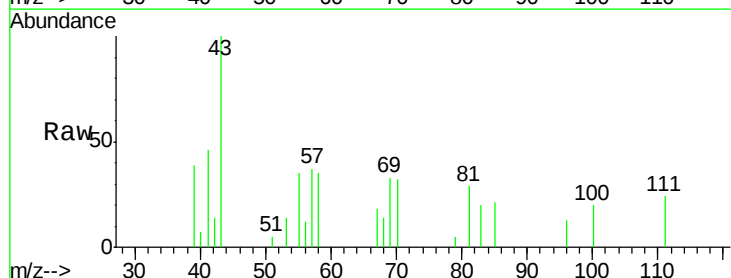
Acq: 07 Jan 2019 15:55

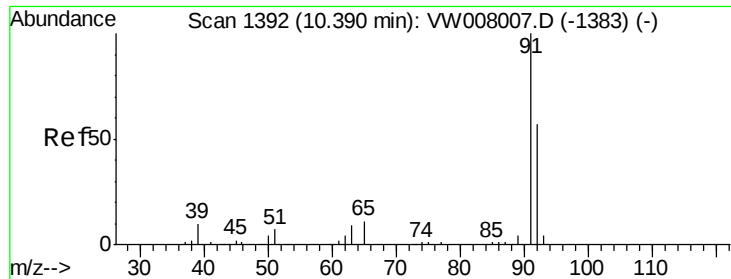
Tgt Ion: 43 Resp: 2369

Ion Ratio Lower Upper

43 100

58 43.0 32.0 48.0





#52

Toluene

Concen: 21.334 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampled :

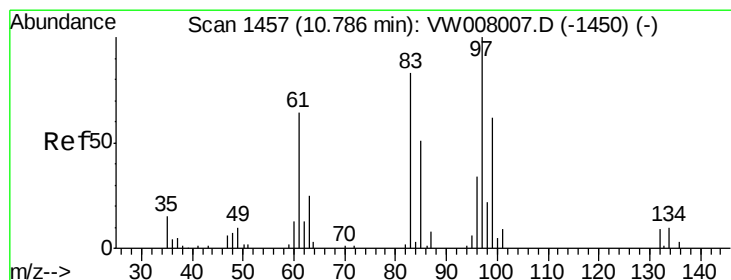
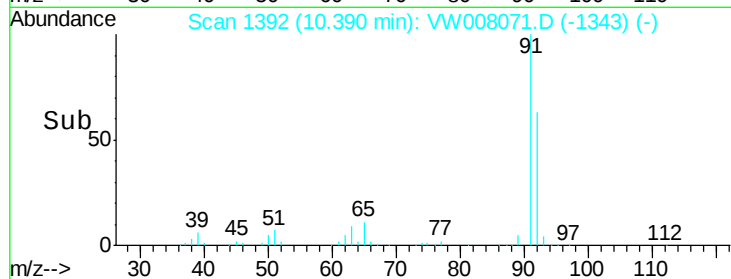
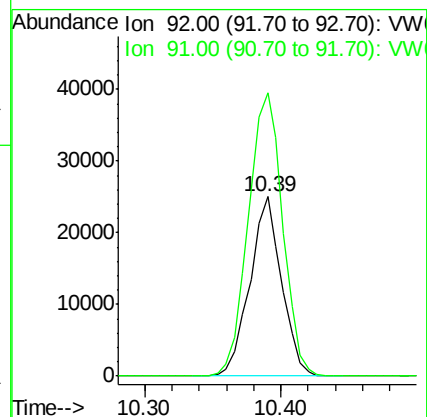
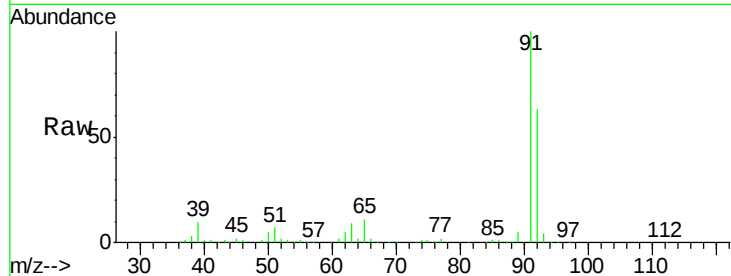
P-1419-SRE

Tot Ion: 92 Resp: 40837

Ion Ratio Lower Upper

92 100

91 171.0 136.9 205.3



#55

1,1,2-Trichloroethane

Concen: 31.193 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Tgt Ion: 97 Resp: 15497

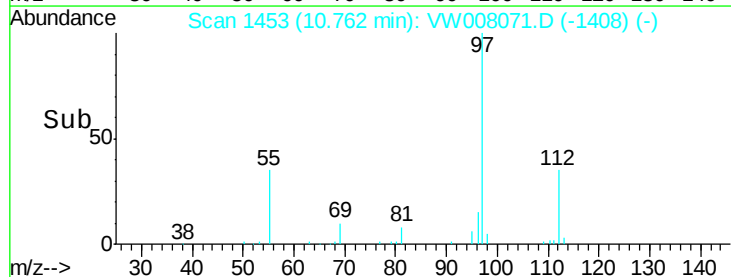
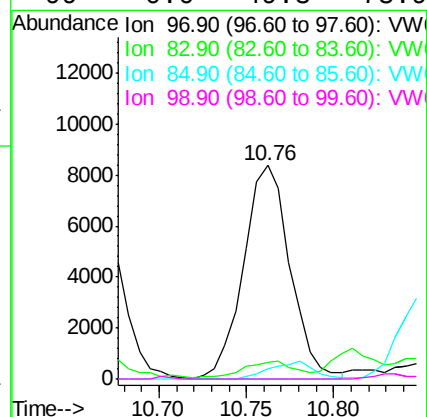
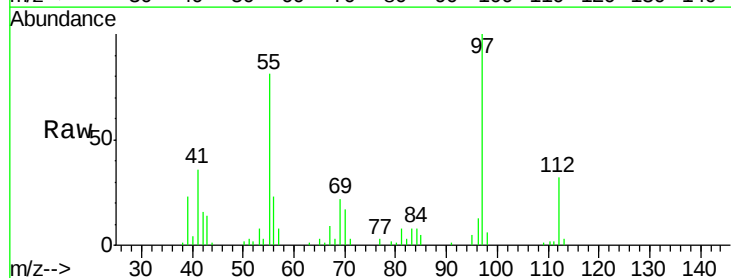
Ion Ratio Lower Upper

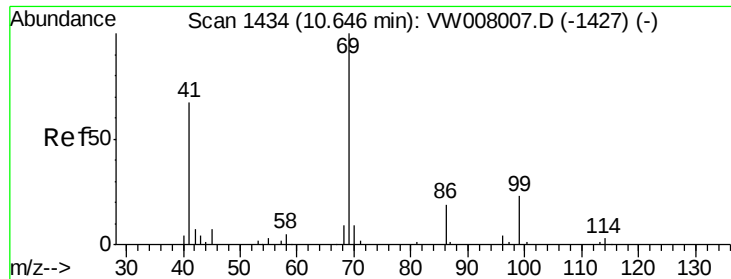
97 100

83 7.2 66.2 99.2#

85 5.0 41.0 61.4#

99 0.0 49.3 73.9#





#56

Ethyl methacrylate

Concen: 4.638 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

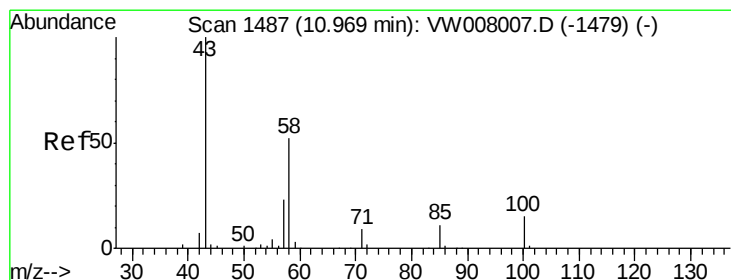
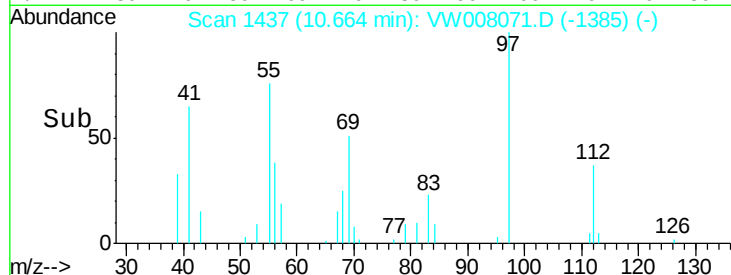
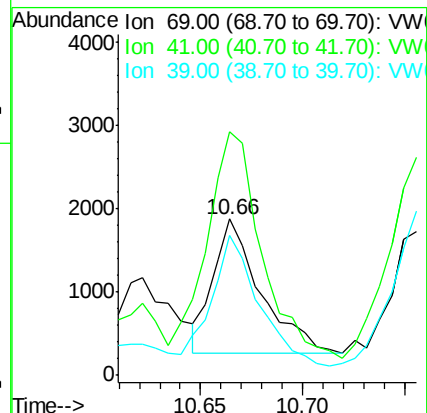
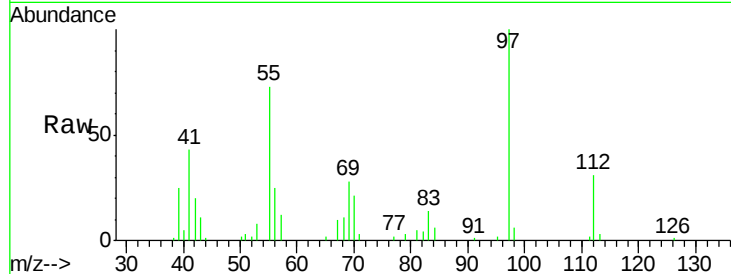
Tot Ion: 69 Resp: 2605

Ion Ratio Lower Upper

69 100

41 193.7 52.6 79.0#

39 96.2 35.8 53.6#



#59

2-Hexanone

Concen: 11.613 ug/l

RT: 11.12 min Scan# 1511

Delta R.T. 0.15 min

Lab File: VW008071.D

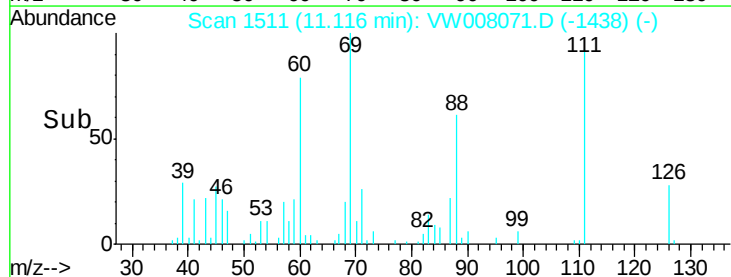
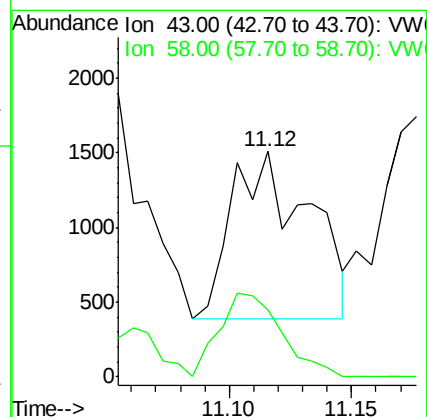
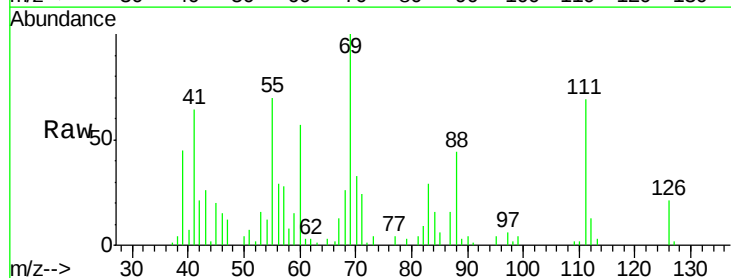
Acq: 07 Jan 2019 15:55

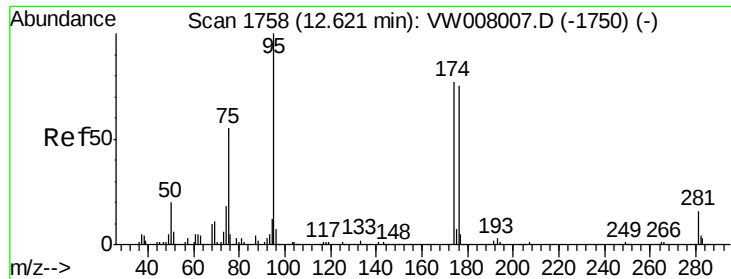
Tgt Ion: 43 Resp: 2448

Ion Ratio Lower Upper

43 100

58 40.4 27.1 81.2

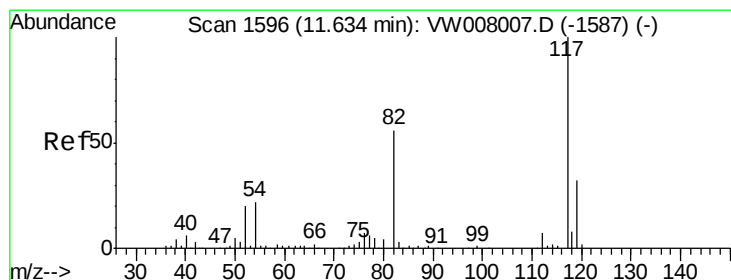
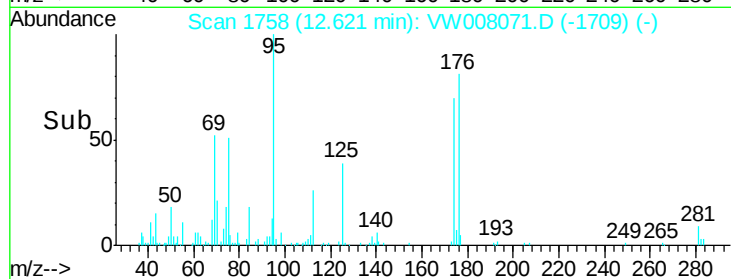
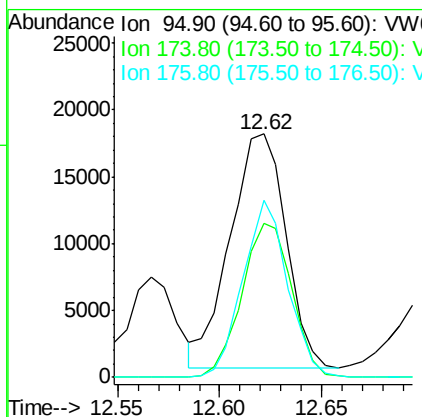
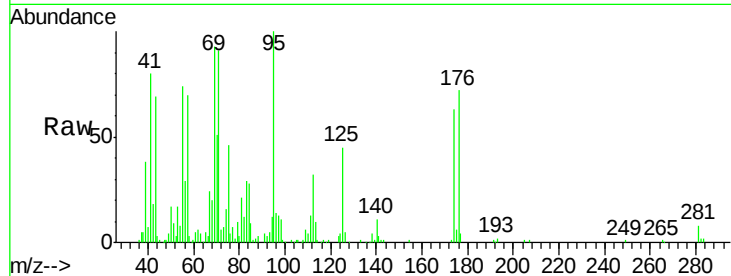




#62
4-Bromofluorobenzene
Concen: 32.950 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

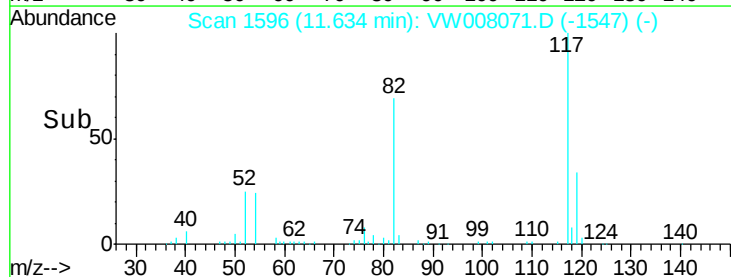
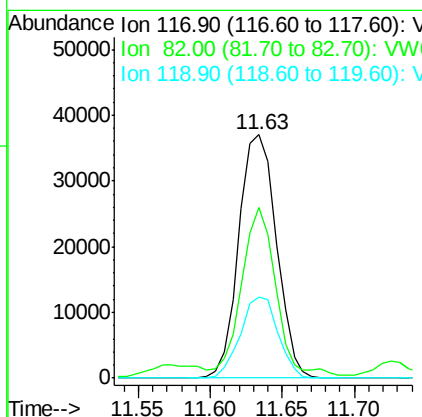
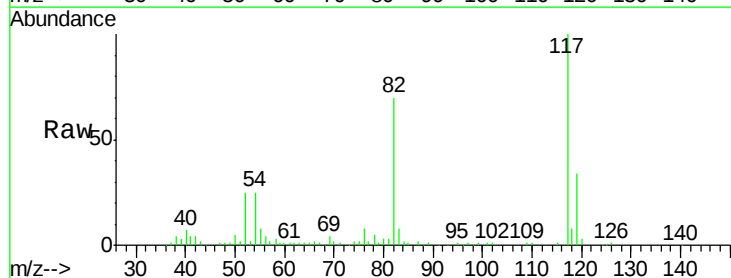
Instrument :
MSVOA_W
ClientSampleId :
P-1419-SRE

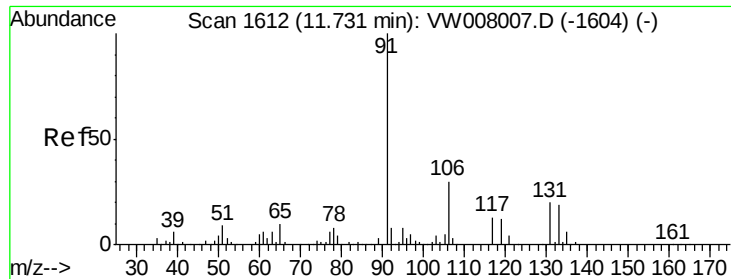
Tot Ion: 95 Resp: 33295
Ion Ratio Lower Upper
95 100
174 58.9 0.0 149.6
176 60.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 117 Resp: 67177
Ion Ratio Lower Upper
117 100
82 68.9 44.8 67.2#
119 33.5 25.6 38.4

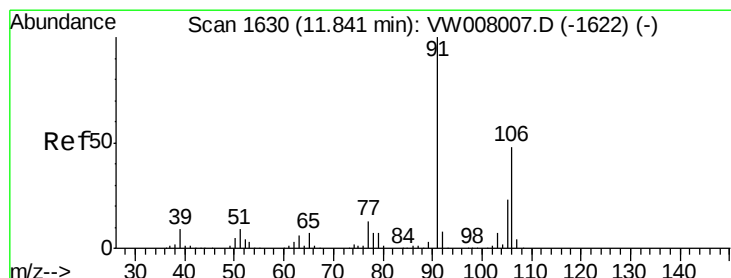
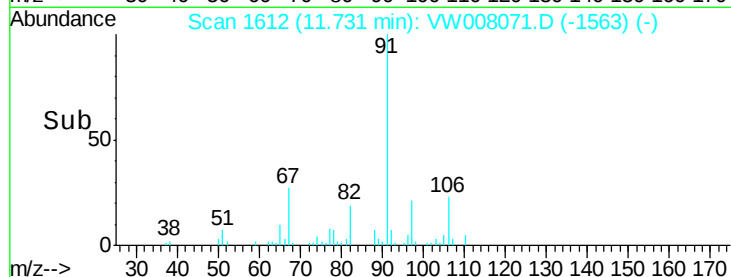
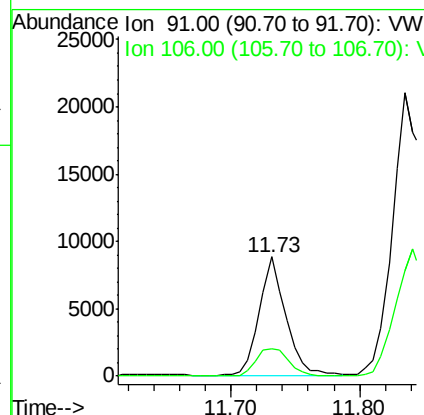
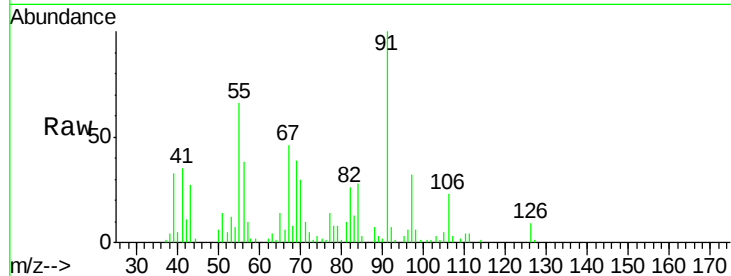




#67
Ethyl Benzene
Concen: 5.046 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

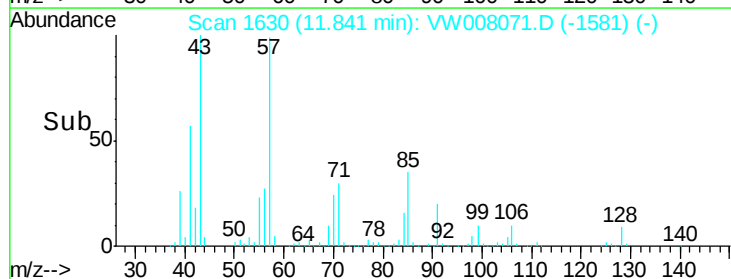
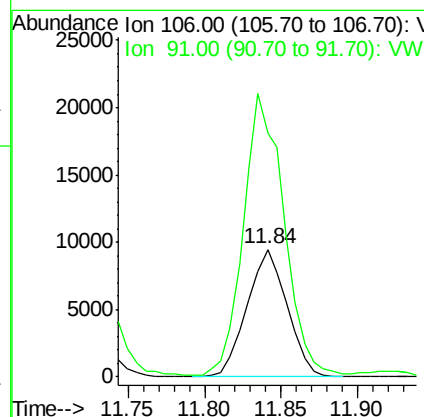
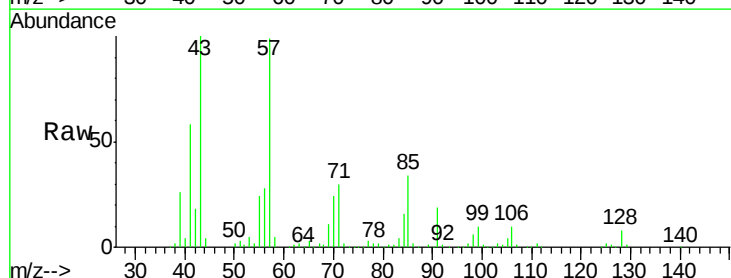
Instrument :
MSVOA_W
ClientSampleId :
P-1419-SRE

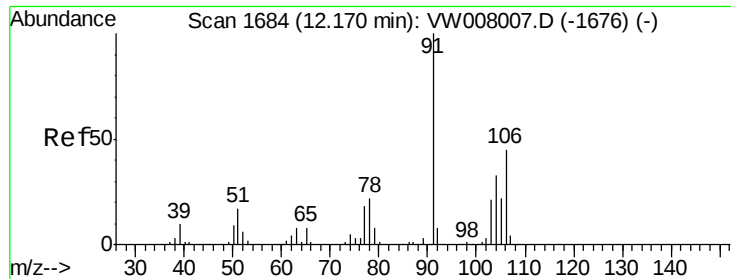
Tot Ion: 91 Resp: 12859
Ion Ratio Lower Upper
91 100
106 22.5 24.3 36.5#



#68
m/p-Xylenes
Concen: 17.513 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion: 106 Resp: 17254
Ion Ratio Lower Upper
106 100
91 225.1 165.8 248.8

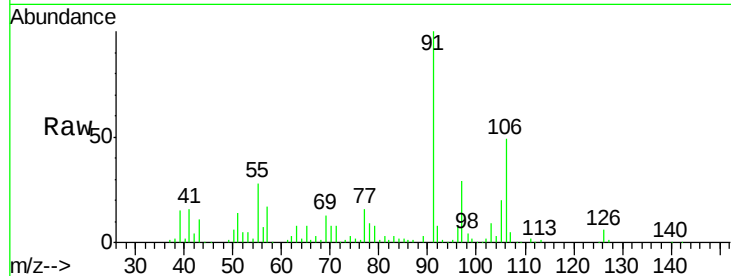




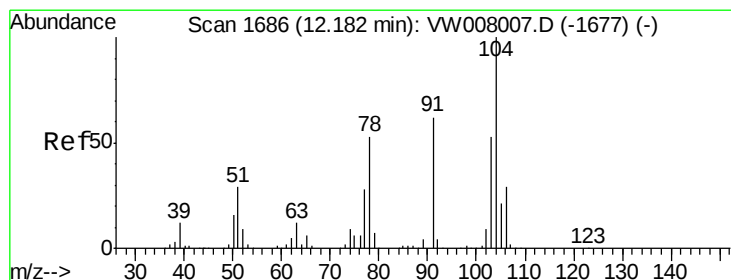
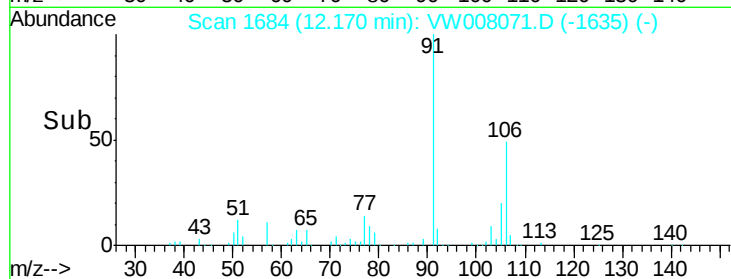
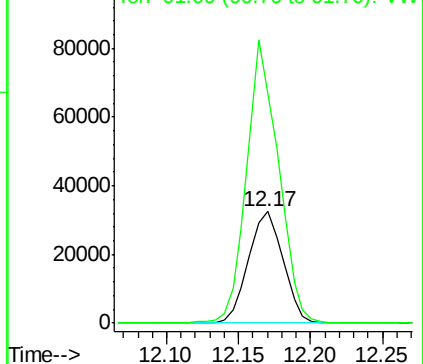
#69
o-Xylene
Concen: 58.835 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
P-1419-SRE

Tot Ion:106 Resp: 53936
Ion Ratio Lower Upper
106 100
91 233.5 110.6 331.6

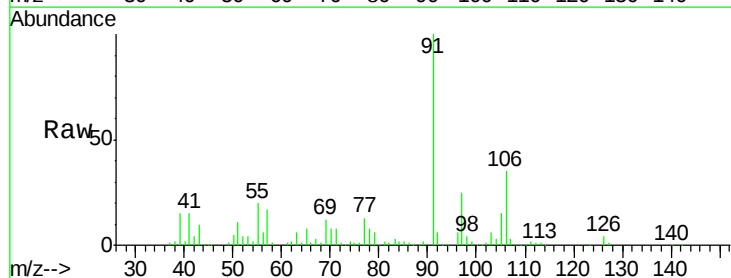


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

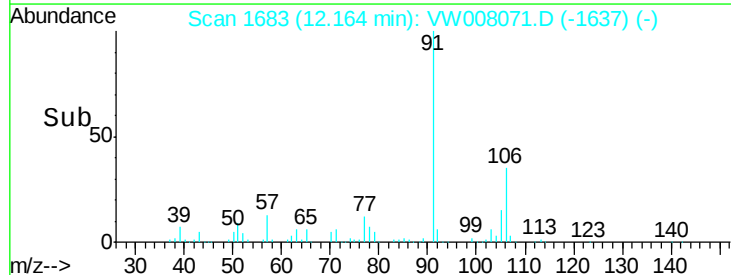
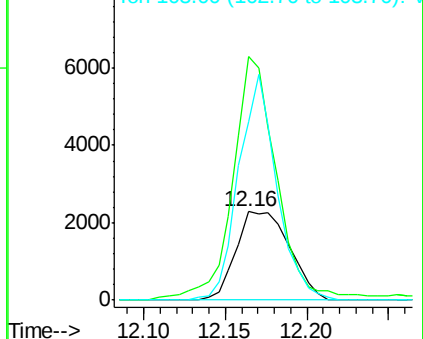


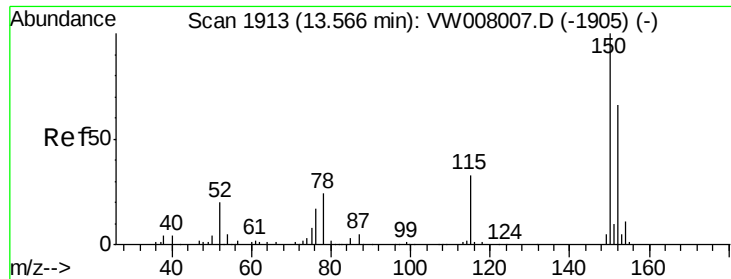
#70
Styrene
Concen: 3.488 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.02 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion:104 Resp: 5212
Ion Ratio Lower Upper
104 100
78 225.9 44.0 66.0#
103 181.6 44.6 66.8#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

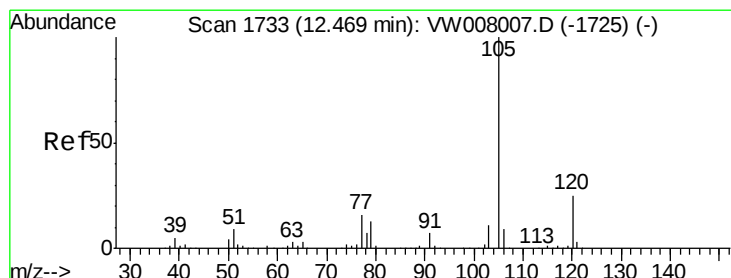
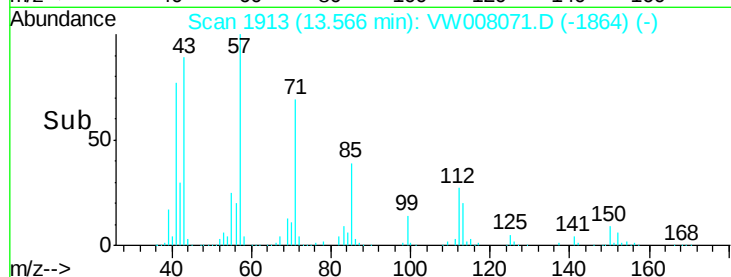
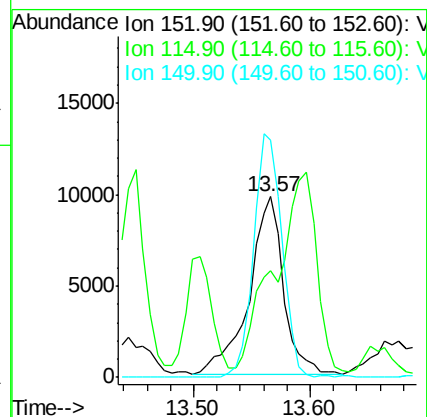
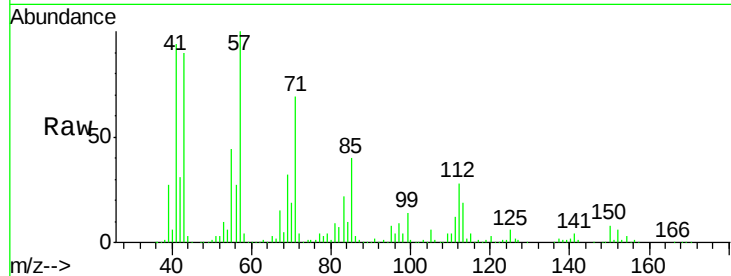
Tot Ion:152 Resp: 20079

Ion Ratio Lower Upper

152 100

115 0.0 32.1 96.5#

150 112.6 0.0 345.0



#73

Isopropylbenzene

Concen: 3.739 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008071.D

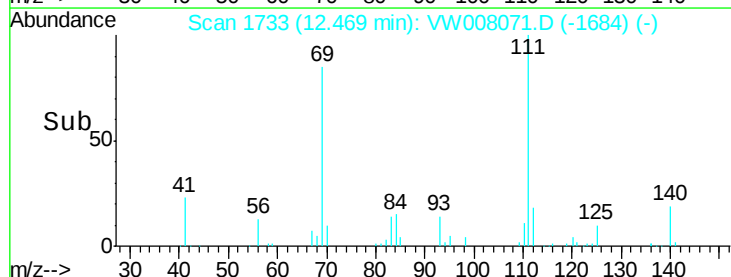
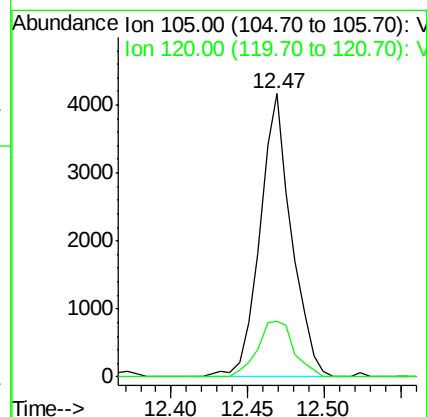
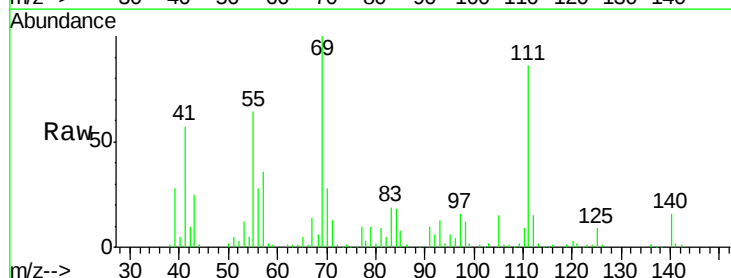
Acq: 07 Jan 2019 15:55

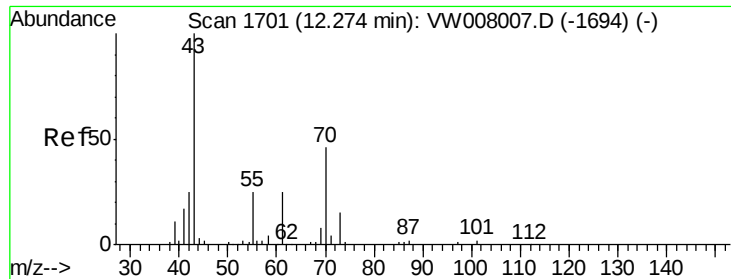
Tgt Ion:105 Resp: 5970

Ion Ratio Lower Upper

105 100

120 22.6 12.8 38.3





#74

N-amvl acetate

Concen: 268.164 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampled :

P-1419-SRE

Tot Ion: 43 Resp: 66648

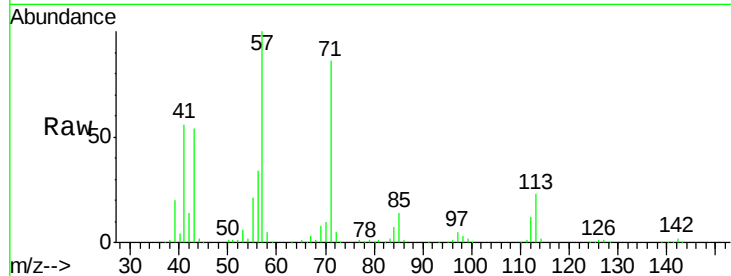
Ion Ratio Lower Upper

43 100

70 12.9 35.2 52.8#

55 31.0 21.4 32.0

61 0.0 19.4 29.0#

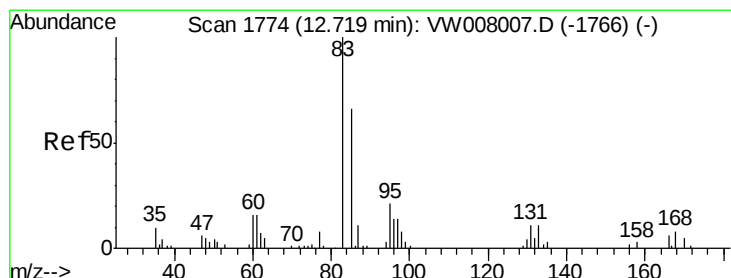
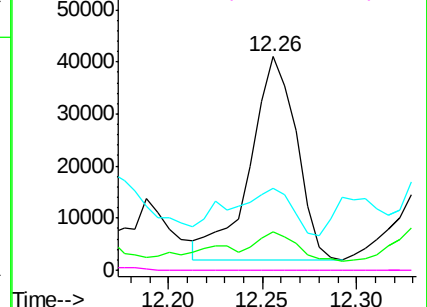
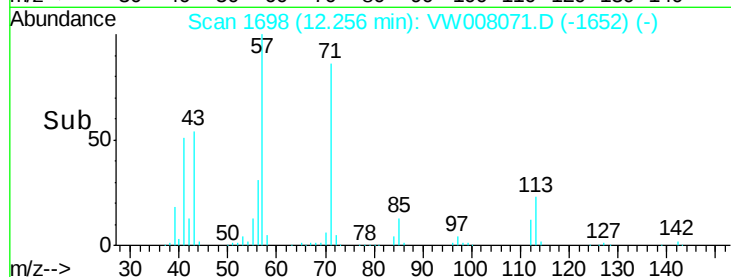


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 79.502 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

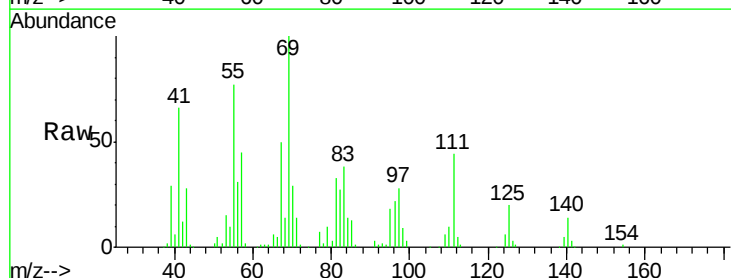
Tgt Ion: 83 Resp: 16151

Ion Ratio Lower Upper

83 100

131 0.0 6.5 19.5#

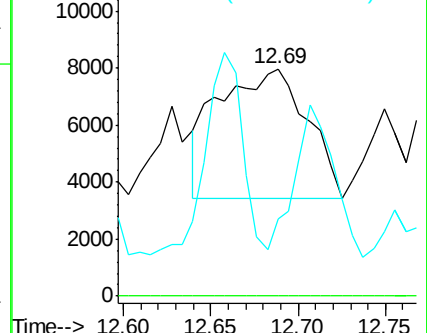
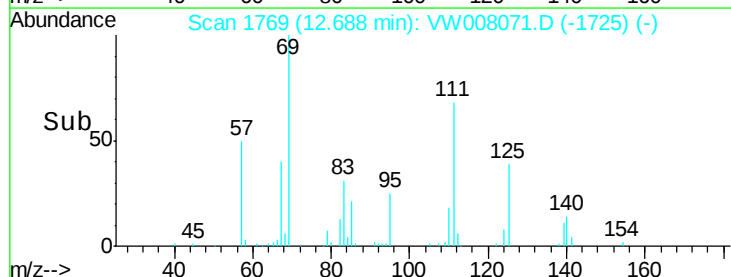
85 63.0 32.8 98.3

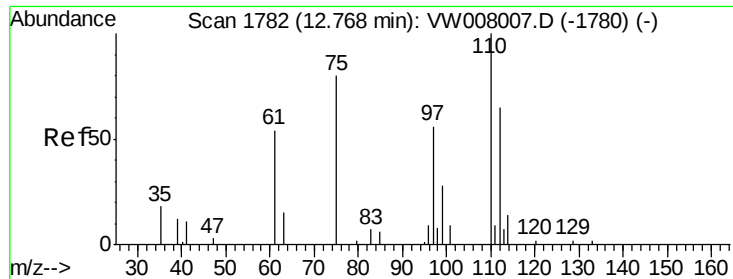


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

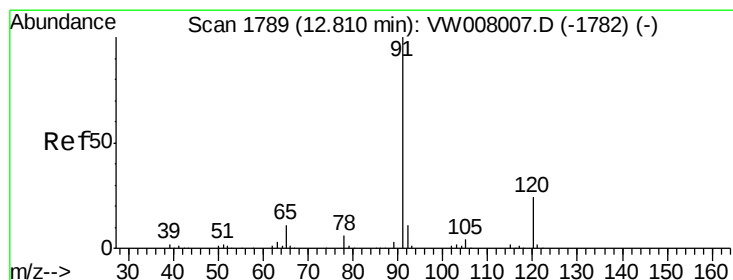
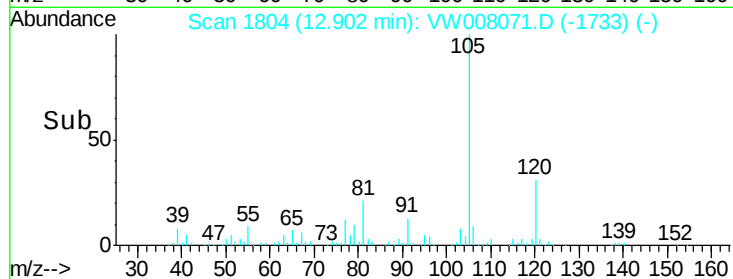
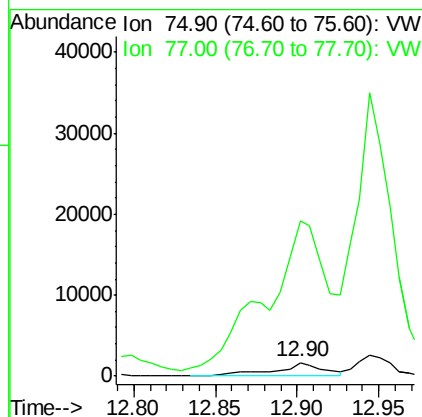
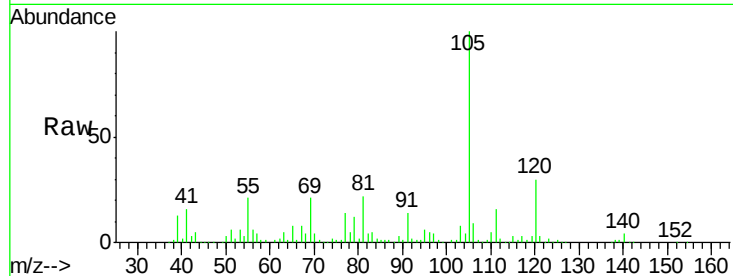




#76
 1,2,3-Trichloropropane
 Concen: 21.454 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.13 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

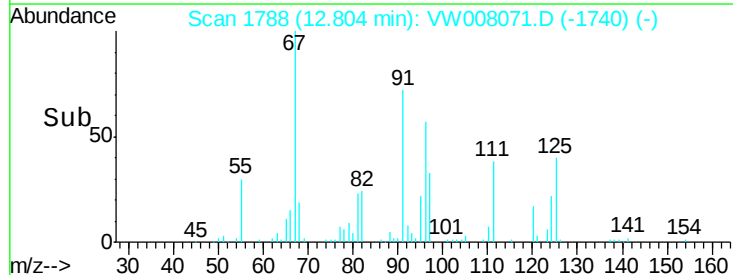
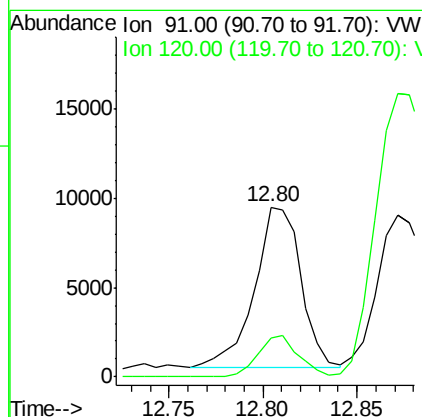
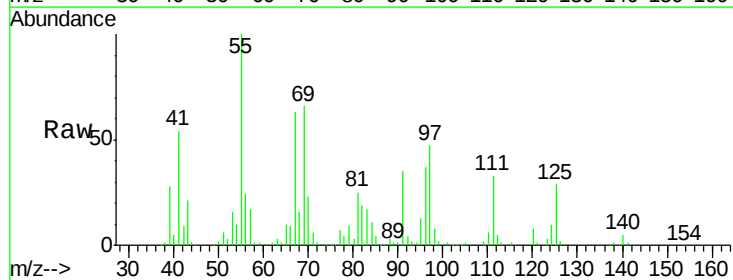
Instrument :
 MSVOA_W
 ClientSampleId :
 P-1419-SRE

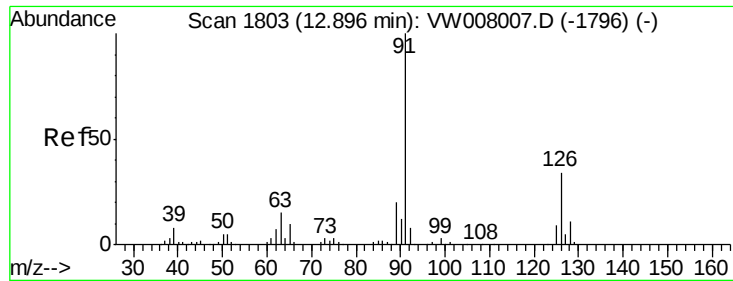
Tot Ion: 75 Resp: 3427
 Ion Ratio Lower Upper
 75 100
 77 1420.4 186.2 558.6#



#78
 n-propylbenzene
 Concen: 8.202 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 91 Resp: 15184
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.5 34.5#

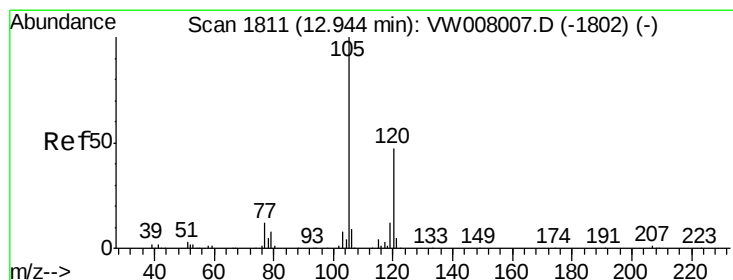
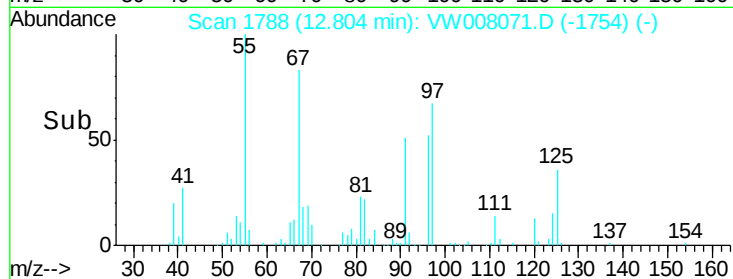
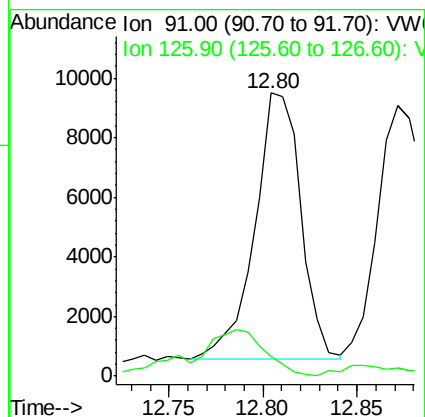
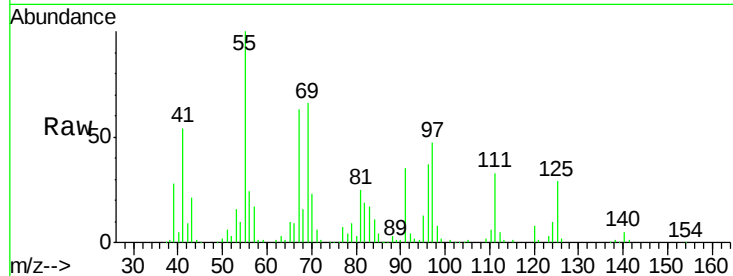




#79
 2-Chlorotoluene
 Concen: 14.192 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.09 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

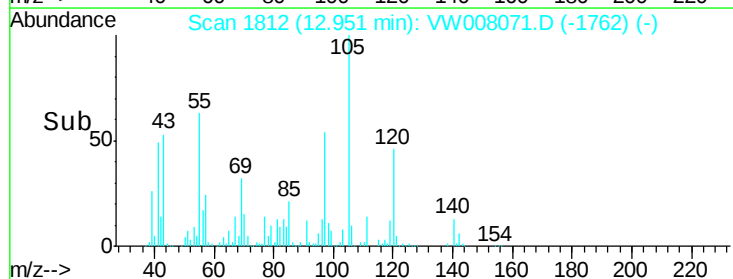
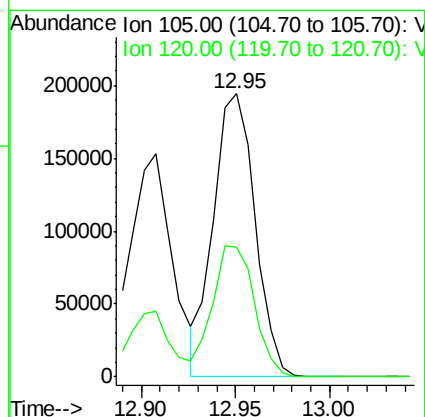
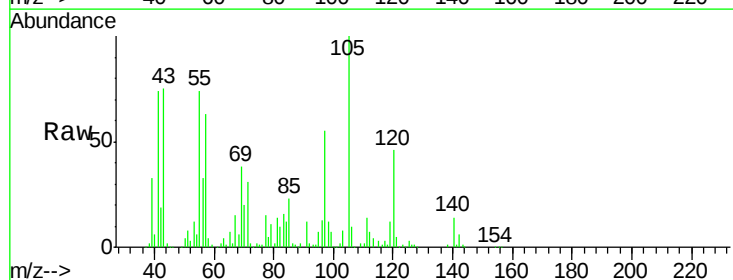
Instrument :
 MSVOA_W
 ClientSampleId :
 P-1419-SRE

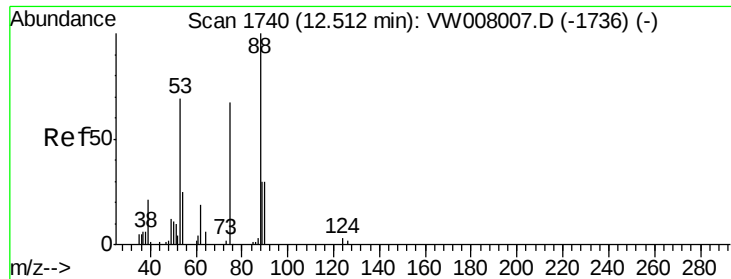
Tot Ion: 91 Resp: 15184
 Ion Ratio Lower Upper
 91 100
 126 27.7 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 216.103 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 105 Resp: 296998
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 215.124 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

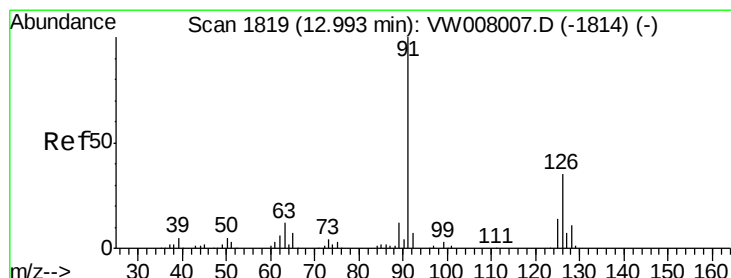
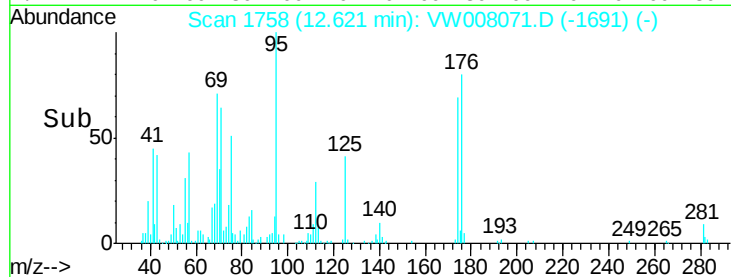
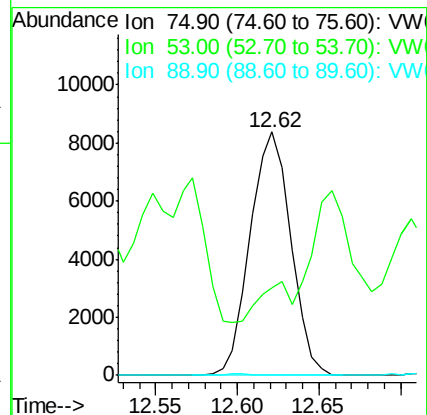
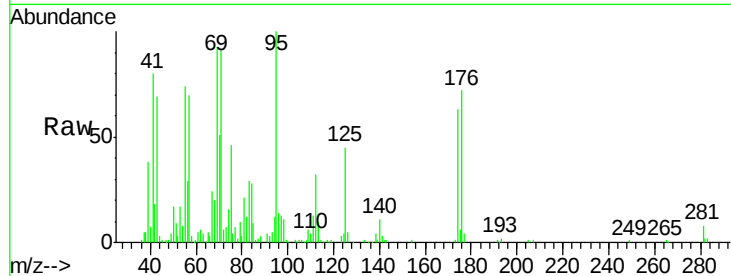
Tot Ion: 75 Resp: 14531

Ion Ratio Lower Upper

75 100

53 12.0 87.6 131.4#

89 0.0 42.2 63.2#



#82

4-Chlorotoluene

Concen: 13.106 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.19 min

Lab File: VW008071.D

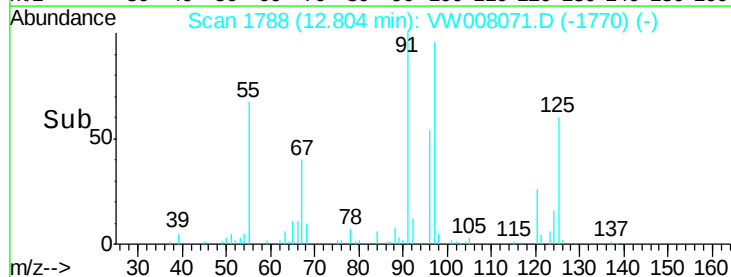
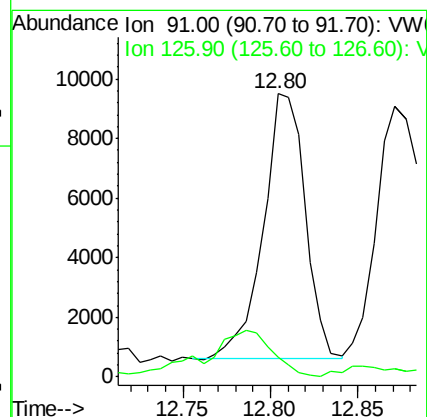
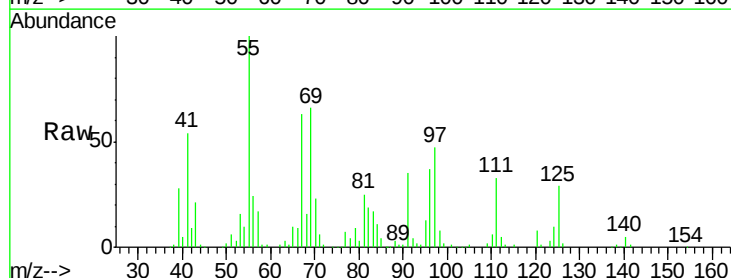
Acq: 07 Jan 2019 15:55

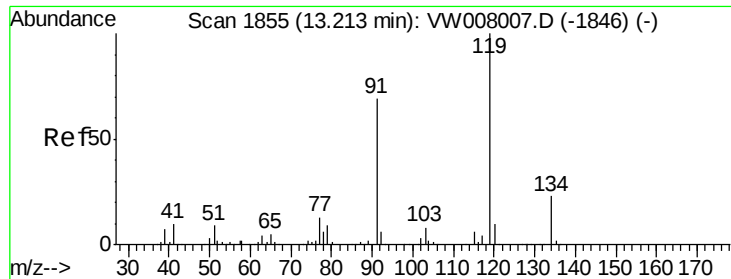
Tgt Ion: 91 Resp: 14910

Ion Ratio Lower Upper

91 100

126 28.3 16.7 50.1

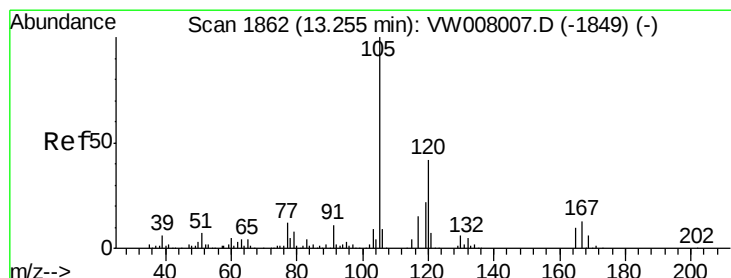
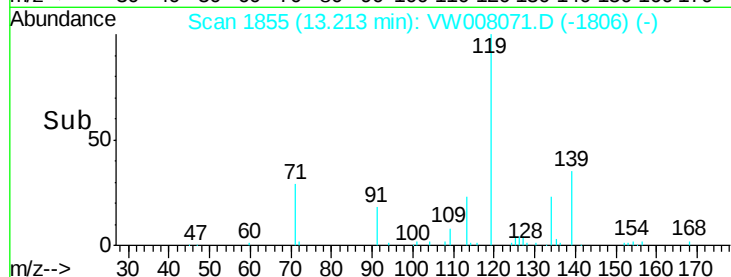
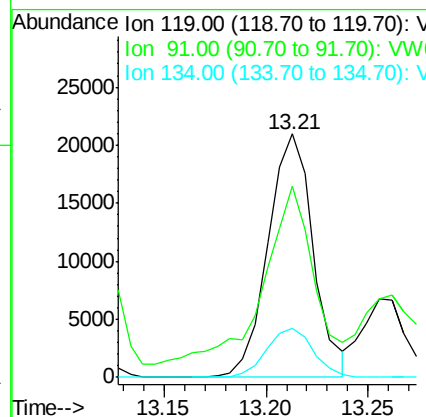
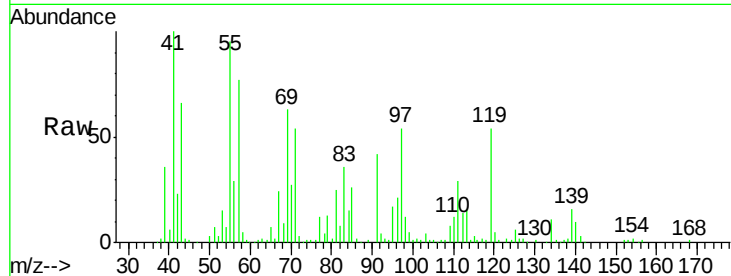




#83
tert-Butylbenzene
Concen: 26.928 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

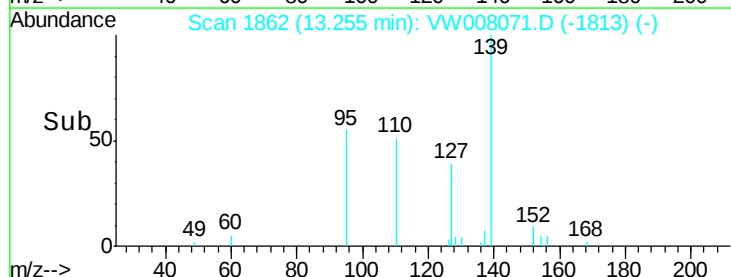
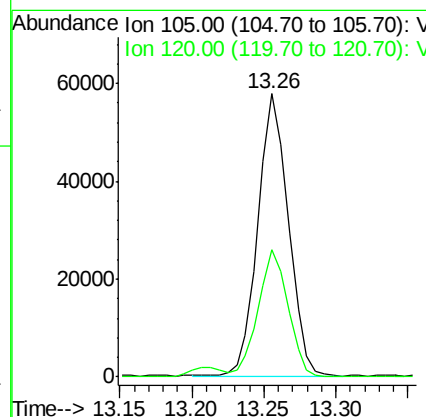
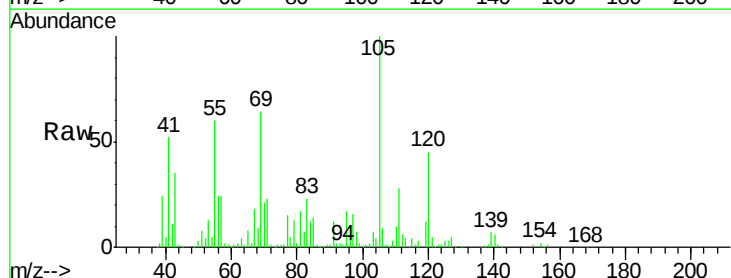
Instrument :
MSVOA_W
ClientSampled :
P-1419-SRE

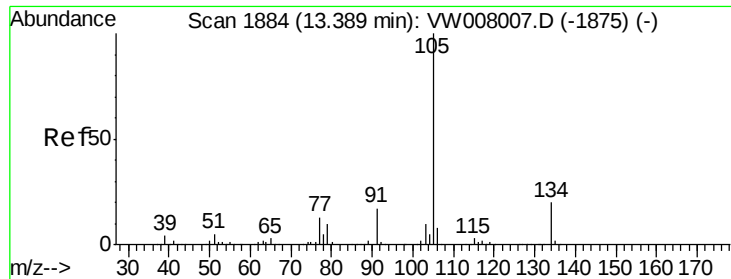
Tot Ion:119 Resp: 32379
Ion Ratio Lower Upper
119 100
91 80.2 34.7 104.1
134 20.9 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 60.459 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008071.D
Acq: 07 Jan 2019 15:55

Tgt Ion:105 Resp: 84162
Ion Ratio Lower Upper
105 100
120 44.5 21.5 64.5





#85

sec-Butylbenzene

Concen: 12.568 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

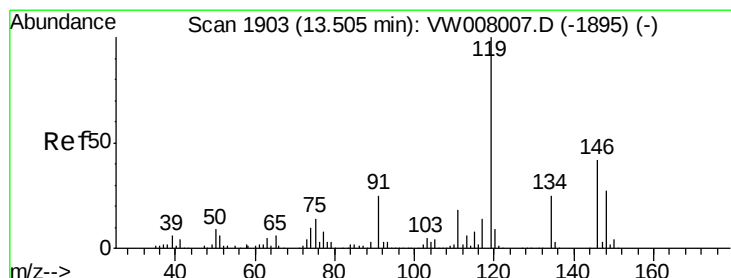
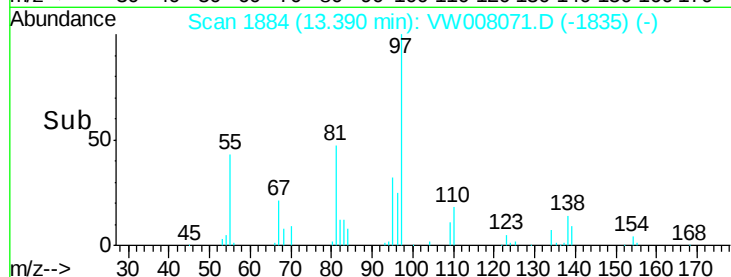
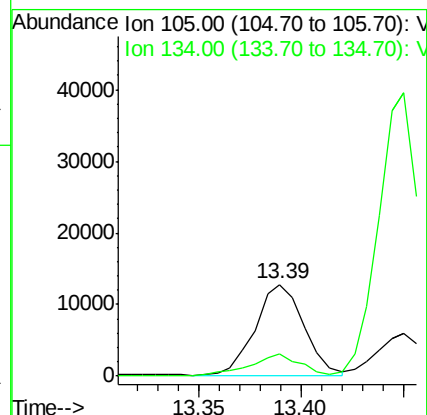
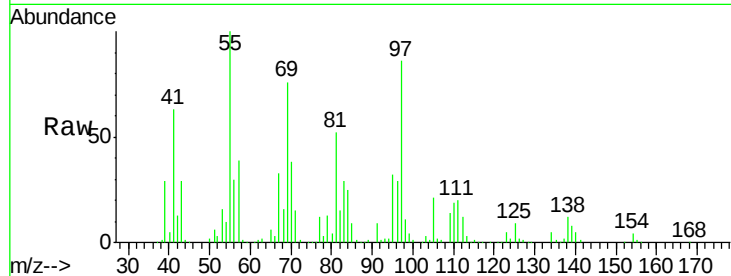
P-1419-SRE

Tot Ion:105 Resp: 20789

Ion Ratio Lower Upper

105 100

134 26.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 86.979 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

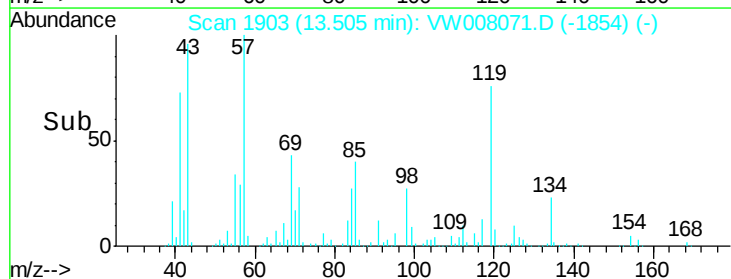
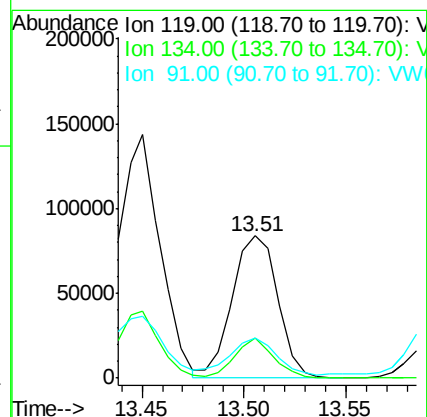
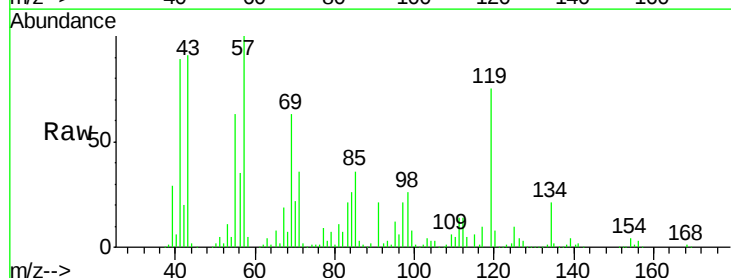
Tgt Ion:119 Resp: 129771

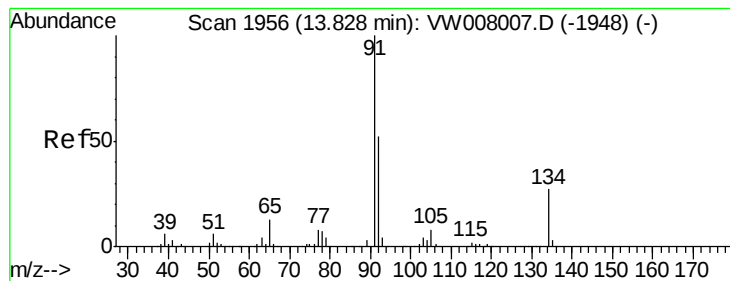
Ion Ratio Lower Upper

119 100

134 24.0 12.5 37.5

91 24.6 13.1 39.3





#89

n-Butylbenzene

Concen: 142.315 ug/l

RT: 13.80 min Scan# 1951

Delta R.T. -0.03 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

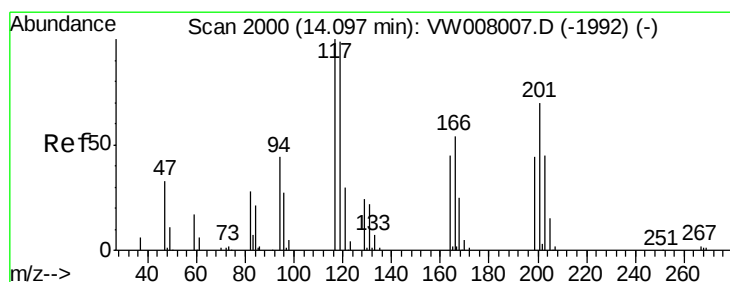
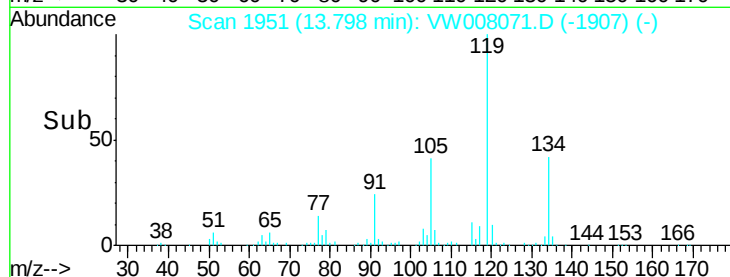
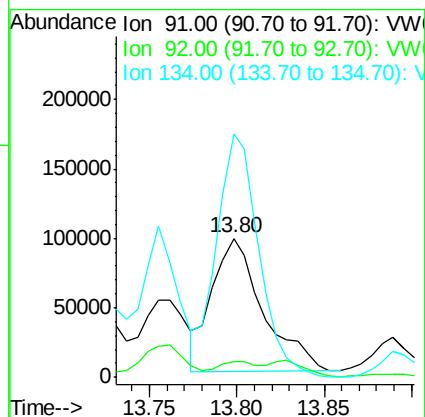
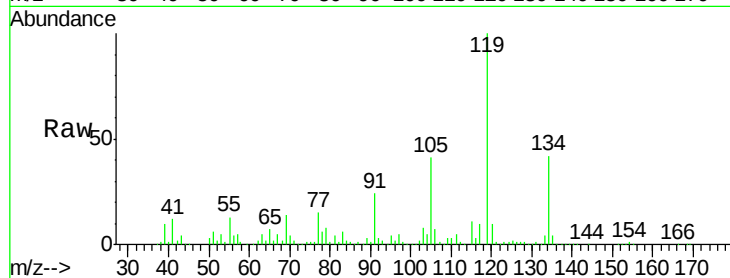
Tot Ion: 91 Resp: 194216

Ion Ratio Lower Upper

91 100

92 9.7 26.4 79.2#

134 151.9 13.4 40.2#



#90

Hexachloroethane

Concen: 223.701 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008071.D

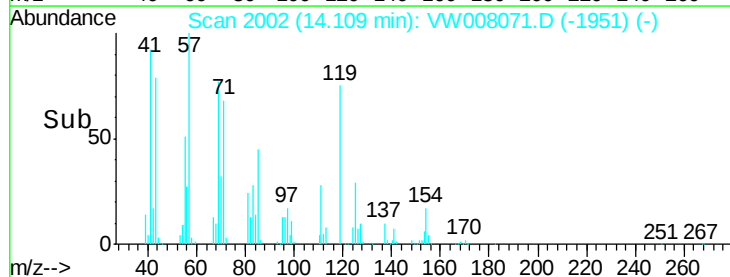
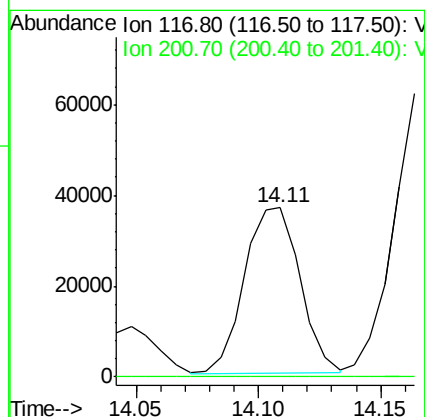
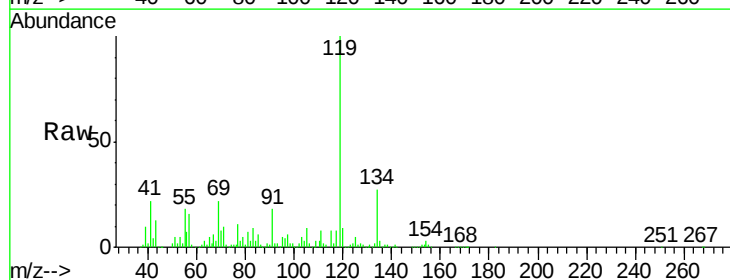
Acq: 07 Jan 2019 15:55

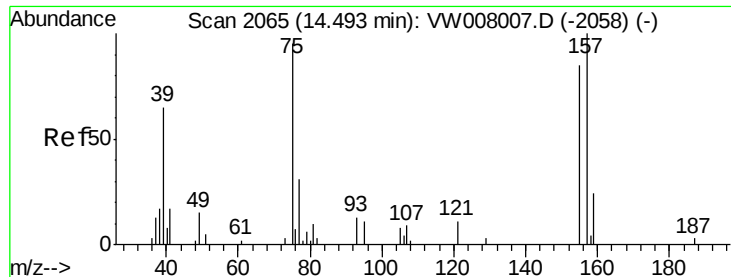
Tgt Ion: 117 Resp: 57913

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.5#

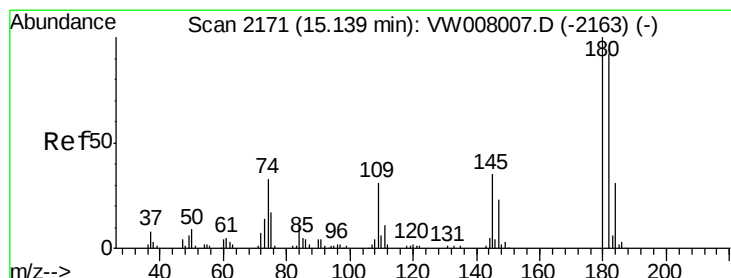
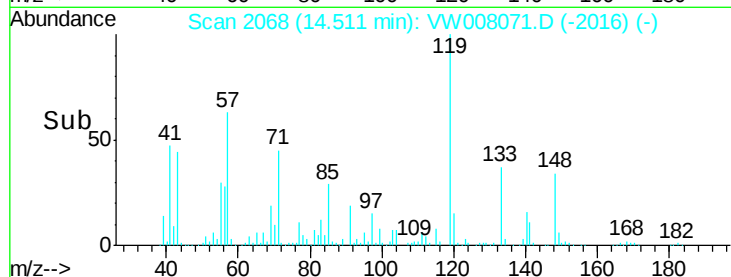
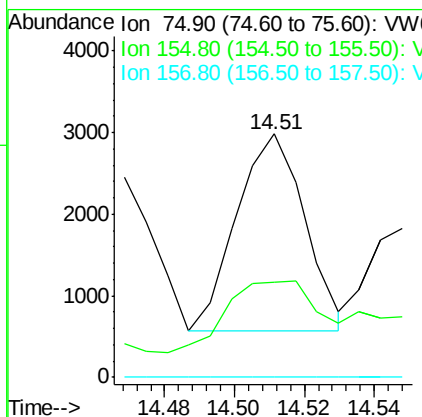
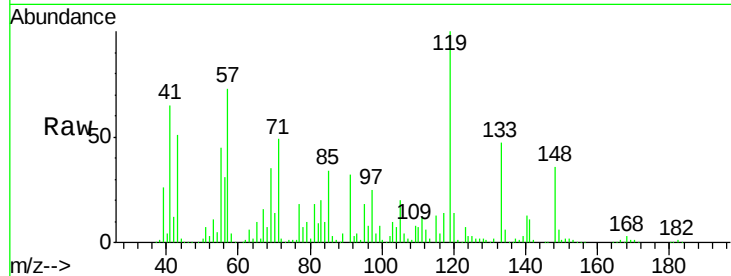




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 79.622 ug/l
 RT: 14.51 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

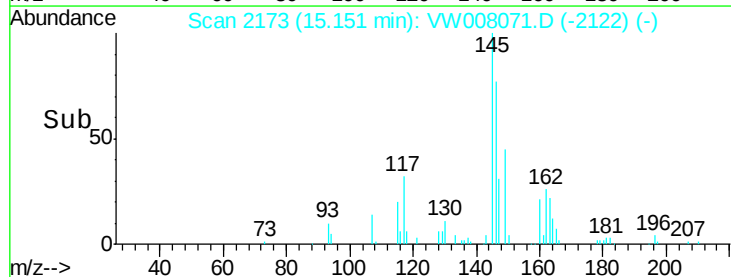
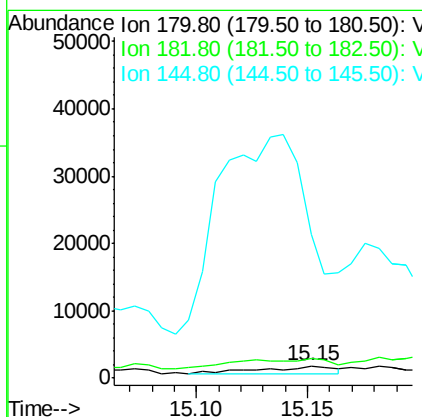
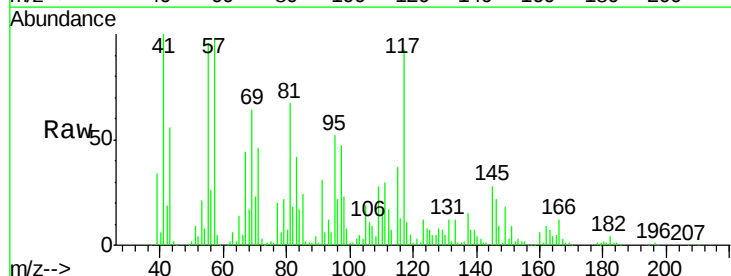
Instrument :
 MSVOA_W
 ClientSampleId :
 P-1419-SRE

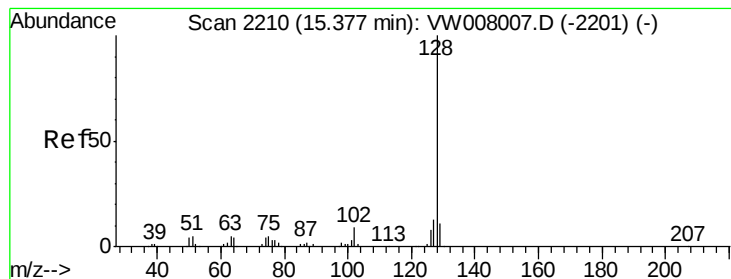
Tot Ion: 75 Resp: 3283
 Ion Ratio Lower Upper
 75 100
 155 49.1 42.4 127.1
 157 0.0 52.3 156.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 6.196 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW008071.D
 Acq: 07 Jan 2019 15:55

Tgt Ion: 180 Resp: 2648
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.6 139.8#
 145 3265.7 17.2 51.6#





#95

Naphthalene

Concen: 27.576 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

P-1419-SRE

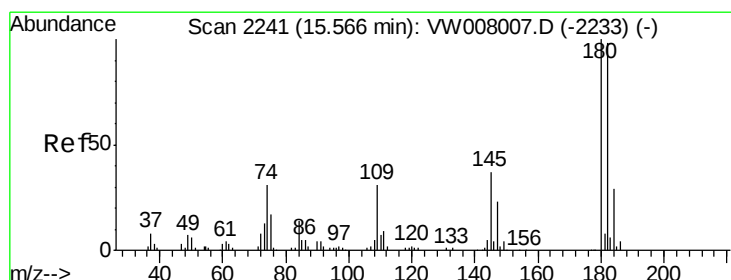
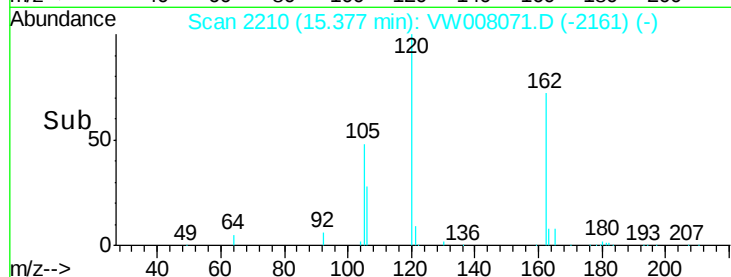
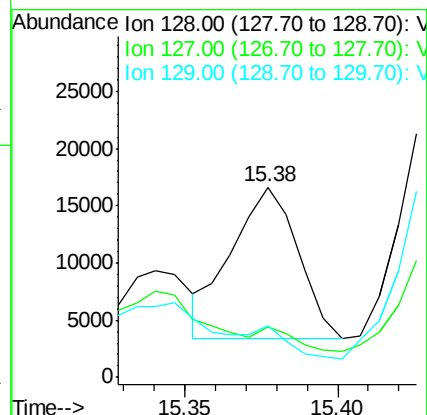
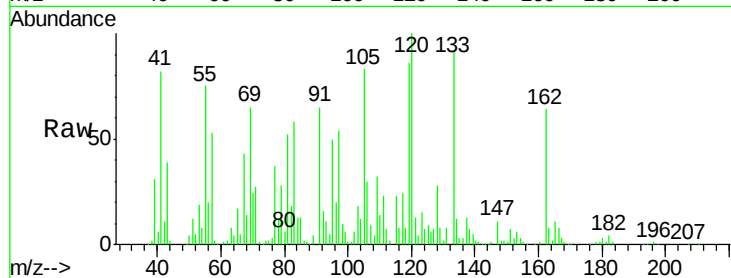
Tot Ion:128 Resp: 20071

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 34.842 ug/l

RT: 15.59 min Scan# 2245

Delta R.T. 0.02 min

Lab File: VW008071.D

Acq: 07 Jan 2019 15:55

Tgt Ion:180 Resp: 12252

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 0.0 18.7 56.1#

