

Data File : VW012192.D
Acq On : 27 Aug 2019 00:41
Operator : SY/VA
Sample : K4514-03MS
Misc : 5.34G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Quant Time: Aug 27 05:01:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	421815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145092	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.88	113	111842	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
50) Toluene-d8	10.32	98	418017	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	
62) 4-Bromofluorobenzene	12.62	95	117441	32.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.26%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	77293	50.548	ug/l	99
3) Chloromethane	2.21	50	116796	49.302	ug/l	99
4) Vinyl Chloride	2.36	62	136408	47.044	ug/l	100
5) Bromomethane	2.76	94	64596	43.989	ug/l	99
6) Chloroethane	2.90	64	76002	46.465	ug/l	94
7) Trichlorofluoromethane	3.25	101	64956	44.614	ug/l	99
8) Diethyl Ether	3.68	74	71804	51.957	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	173167	69.972	ug/l	99
10) Methyl Iodide	4.27	142	156048	46.602	ug/l	99
11) Tert butyl alcohol	5.18	59	50553	284.556	ug/l	99
12) 1,1-Dichloroethene	4.04	96	113101	45.405	ug/l	100
13) Acrolein	3.89	56	27427	164.007	ug/l	99
14) Allyl chloride	4.66	41	233971	43.936	ug/l	99
15) Acrylonitrile	5.37	53	185800	271.244	ug/l	99
16) Acetone	4.12	43	229715	304.412	ug/l	100
17) Carbon Disulfide	4.38	76	315326	41.887	ug/l	100
18) Methyl Acetate	4.67	43	161270	86.284	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212769	52.820	ug/l	99
20) Methylene Chloride	4.92	84	152370	53.411	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	116762	43.713	ug/l	100
22) Diisopropyl ether	6.31	45	497853	50.437	ug/l	95
23) Vinyl Acetate	6.25	43	527541	86.843	ug/l	99
24) 1,1-Dichloroethane	6.21	63	262704	48.880	ug/l	99
25) 2-Butanone	7.17	43	278740	271.825	ug/l	98
26) 2,2-Dichloropropane	7.17	77	125623	41.296	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	131970	46.243	ug/l	100
28) Bromochloromethane	7.51	49	115368	49.251	ug/l #	99
29) Tetrahydrofuran	7.52	42	186944	303.865	ug/l	99
30) Chloroform	7.67	83	233805	47.550	ug/l	96
31) Cyclohexane	7.95	56	204622	38.482	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	181065	46.549	ug/l	100
36) 1,1-Dichloropropene	8.08	75	173782	39.868	ug/l	100
37) Ethyl Acetate	7.25	43	111502	46.680	ug/l	100
38) Carbon Tetrachloride	8.07	117	161870	42.905	ug/l	100

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149179	30.464	ug/l	98
40) Benzene	8.32	78	527801	44.344	ug/l	100
41) Methacrylonitrile	7.48	41	73858	52.609	ug/l	98
42) 1,2-Dichloroethane	8.40	62	174331	46.733	ug/l	100
43) Isopropyl Acetate	8.42	43	213612	48.279	ug/l	99
44) Trichloroethene	9.09	130	115538	39.931	ug/l	97
45) 1,2-Dichloropropane	9.37	63	143778	44.884	ug/l	99
46) Dibromomethane	9.46	93	64781	45.452	ug/l	99
47) Bromodichloromethane	9.64	83	170484	44.945	ug/l	100
48) Methyl methacrylate	9.43	41	120964	57.442	ug/l	96
49) 1,4-Dioxane	9.46	88	22140	1014.715	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	604850	268.768	ug/l	99
52) Toluene	10.38	92	298595	41.759	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	151732	39.270	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	190529	40.839	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94266	46.746	ug/l	100
56) Ethyl methacrylate	10.65	69	139257	47.449	ug/l	99
57) 1,3-Dichloropropane	10.93	76	176723	46.375	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	374231	248.451	ug/l	99
59) 2-Hexanone	10.97	43	407503	255.915	ug/l	100
60) Dibromochloromethane	11.13	129	100476	44.734	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83919	44.670	ug/l	99
64) Tetrachloroethene	10.86	164	100213	47.813	ug/l	98
65) Chlorobenzene	11.66	112	265099	41.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	106009	47.736	ug/l	98
67) Ethyl Benzene	11.73	91	516521	42.122	ug/l	98
68) m/p-Xylenes	11.84	106	367479	83.195	ug/l	99
69) o-Xylene	12.16	106	175935	43.035	ug/l	99
70) Styrene	12.18	104	285836	40.394	ug/l	99
71) Bromoform	12.35	173	54915	49.632	ug/l	99
73) Isopropylbenzene	12.46	105	443028	54.428	ug/l	98
74) N-amyl acetate	12.27	43	122221	49.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	108819	72.923	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	137187	129.670	ug/l #	100
77) Bromobenzene	12.74	156	95897	54.458	ug/l	95
78) n-propylbenzene	12.80	91	483515	48.658	ug/l	99
79) 2-Chlorotoluene	12.89	91	292598	51.864	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	340796	50.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31792	65.886	ug/l	99
82) 4-Chlorotoluene	12.99	91	281845	47.712	ug/l	99
83) tert-Butylbenzene	13.21	119	279614	48.532	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	335610	49.121	ug/l	100
85) sec-Butylbenzene	13.38	105	347182	42.061	ug/l	100
86) p-Isopropyltoluene	13.50	119	305004	41.376	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	145259	42.173	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	141816	41.467	ug/l	100
89) n-Butylbenzene	13.82	91	241036	32.881	ug/l	99
90) Hexachloroethane	14.09	117	53556	41.410	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	140348	46.449	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17131	68.096	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082619\
Quantitation Report (Not Reviewed)

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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)
93) 1,2,4-Trichlorobenzene	15.13	180	52811	25.291	ug/l	100
94) Hexachlorobutadiene	15.24	225	24112	17.488	ug/l	99
95) Naphthalene	15.36	128	156048	39.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	47302	25.964	ug/l	99

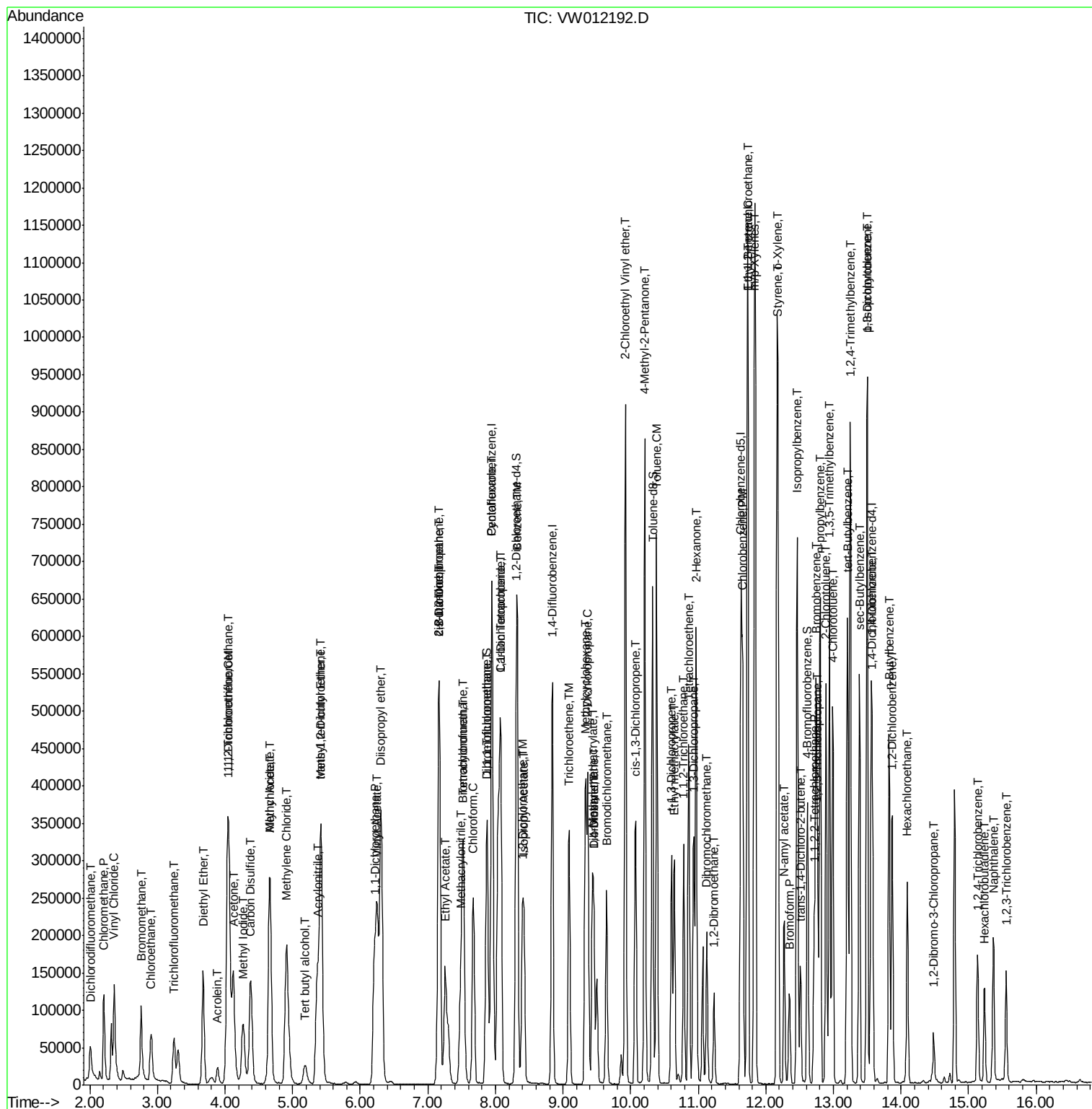
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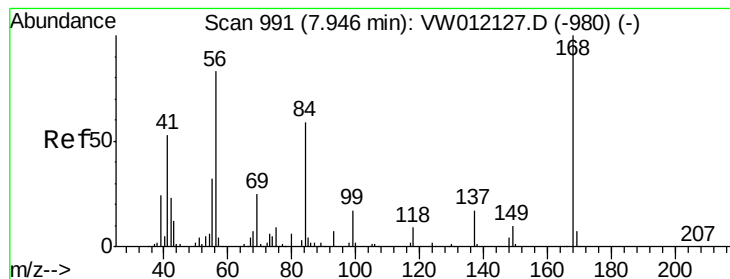
Data File : VW012192.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

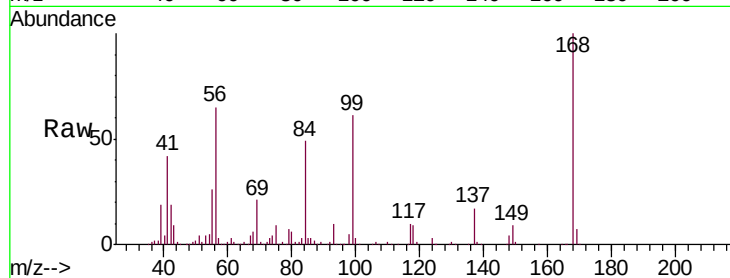
S602-M-1.0-1.5-082319MS

Tgt Ion:168 Resp: 248335

Ion Ratio Lower Upper

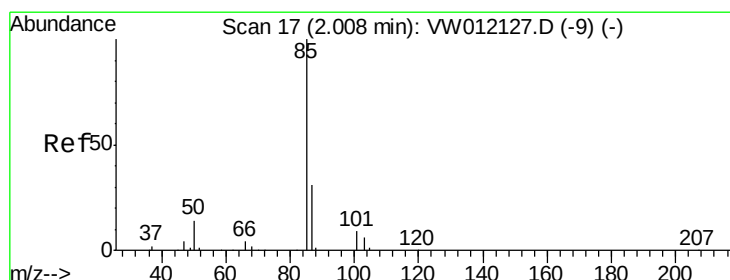
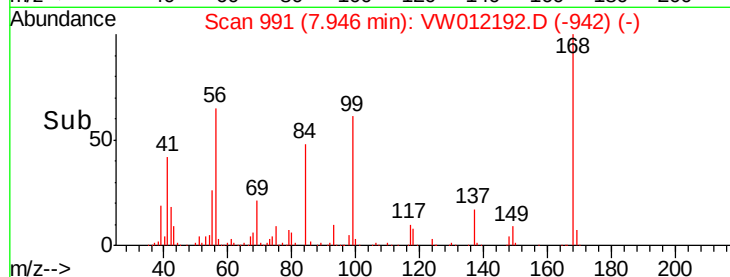
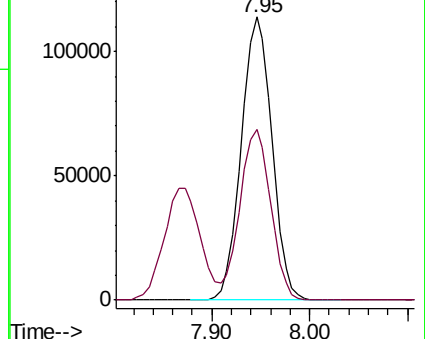
168 100

99 60.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.548 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012192.D

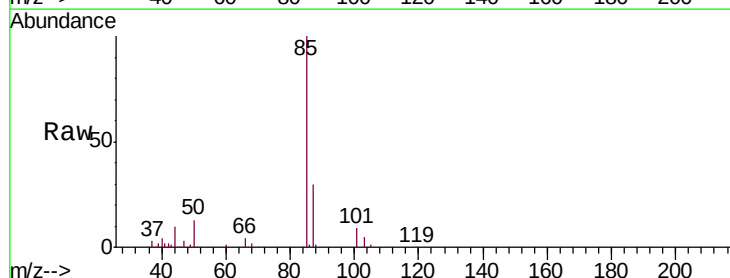
Acq: 27 Aug 2019 00:41

Tgt Ion: 85 Resp: 77293

Ion Ratio Lower Upper

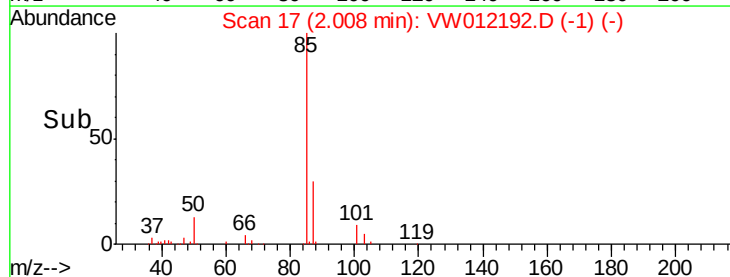
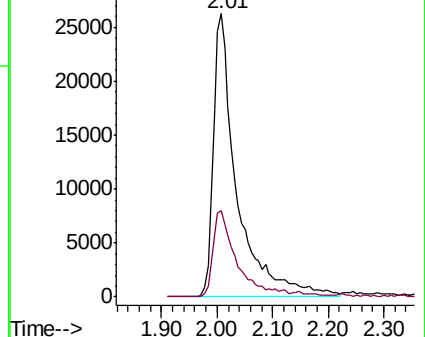
85 100

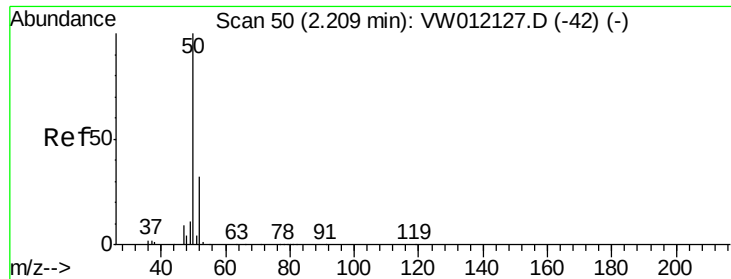
87 30.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.302 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

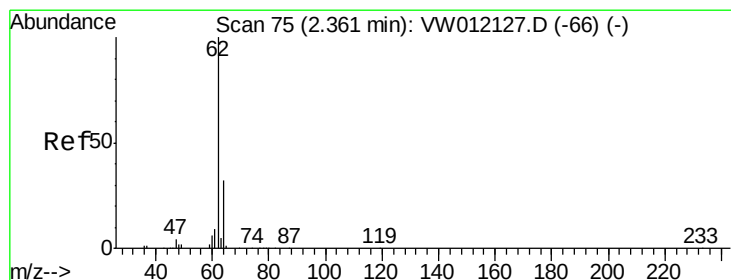
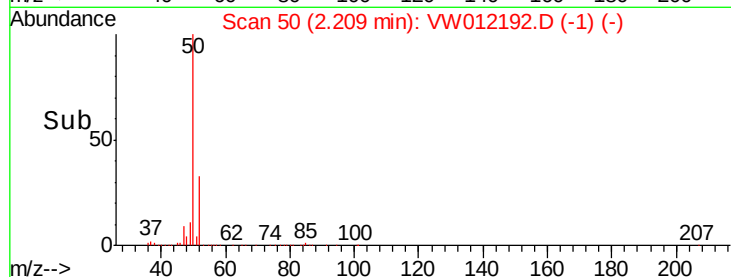
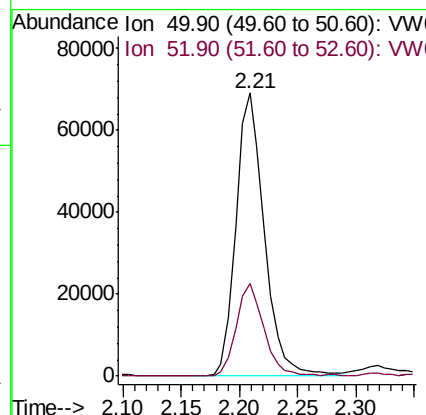
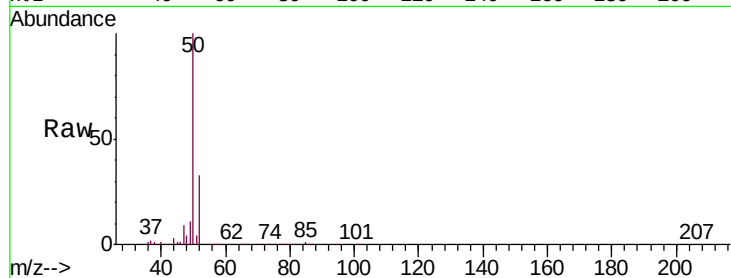
S602-M-1.0-1.5-082319MS

Tgt Ion: 50 Resp: 116796

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3



#4

Vinyl Chloride

Concen: 47.044 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012192.D

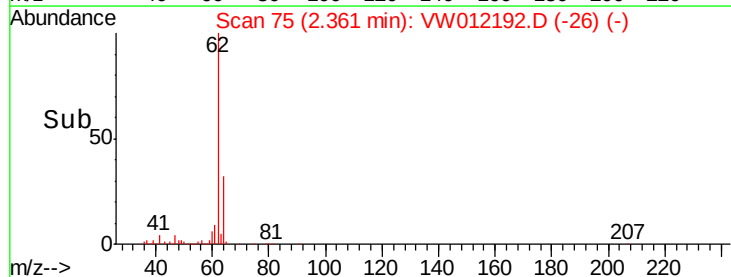
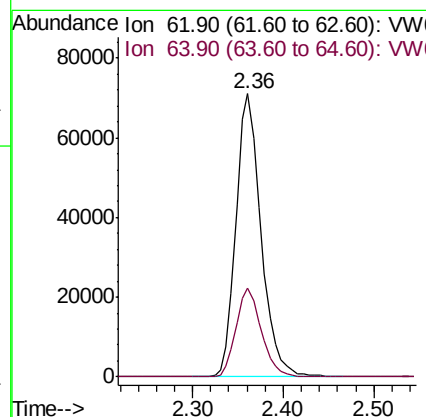
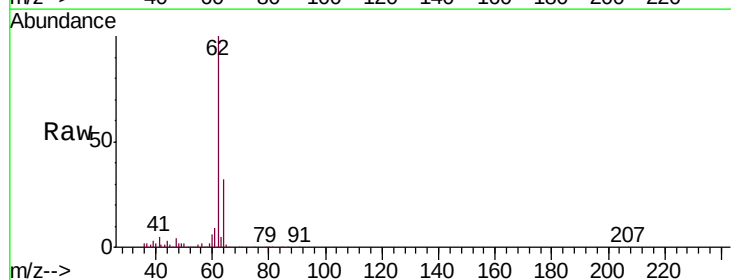
Acq: 27 Aug 2019 00:41

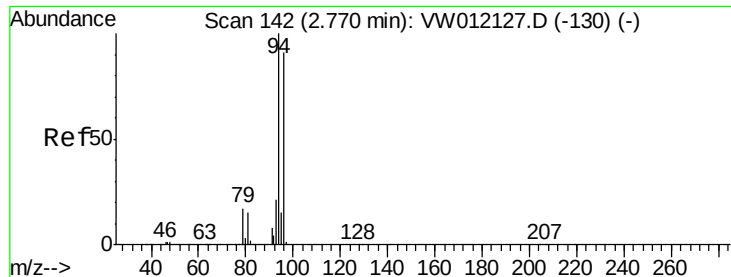
Tgt Ion: 62 Resp: 136408

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 43.989 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

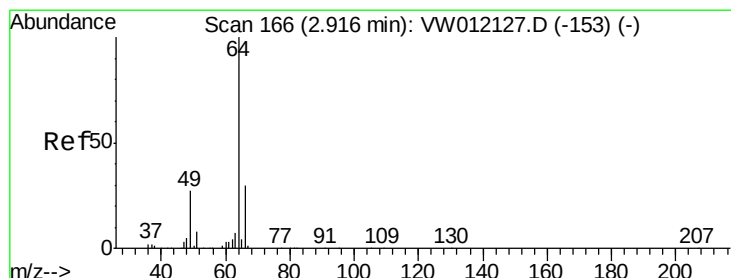
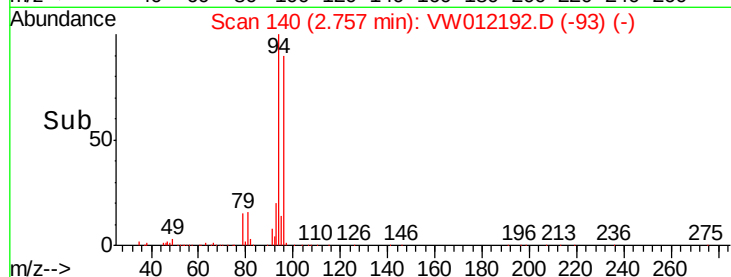
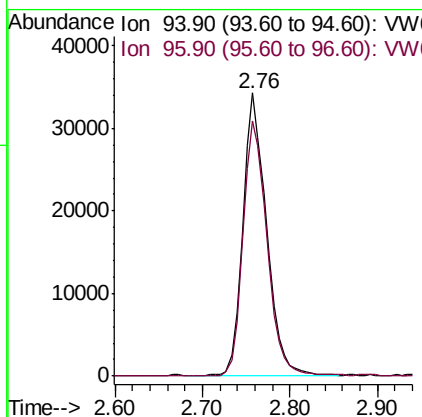
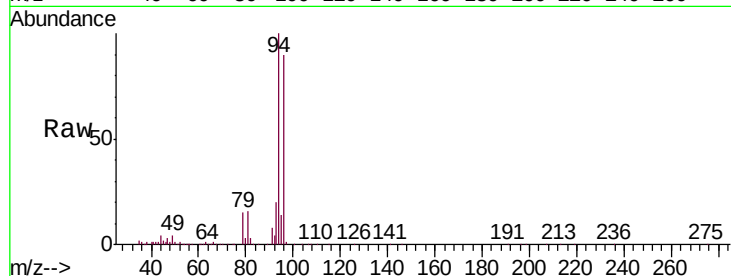
S602-M-1.0-1.5-082319MS

Tgt Ion: 94 Resp: 64596

Ion Ratio Lower Upper

94 100

96 90.1 72.9 109.3



#6

Chloroethane

Concen: 46.465 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012192.D

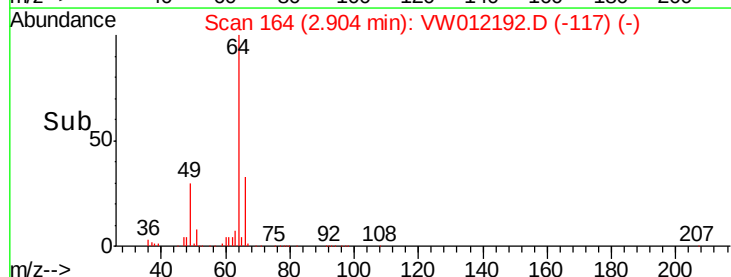
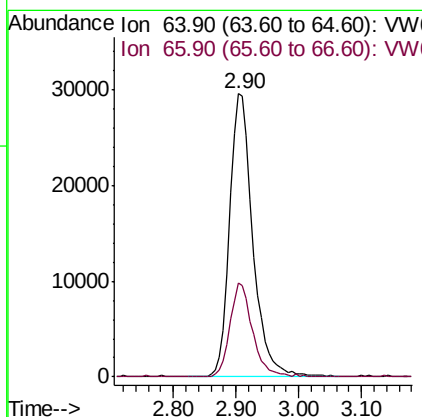
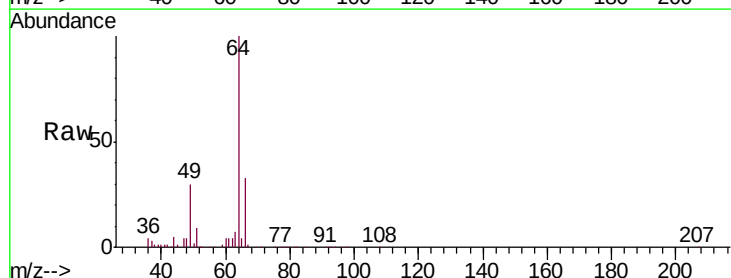
Acq: 27 Aug 2019 00:41

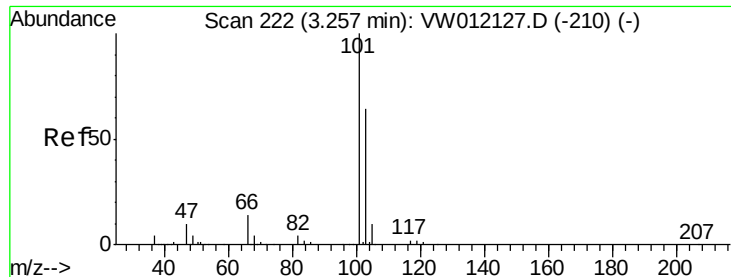
Tgt Ion: 64 Resp: 76002

Ion Ratio Lower Upper

64 100

66 33.0 23.8 35.8



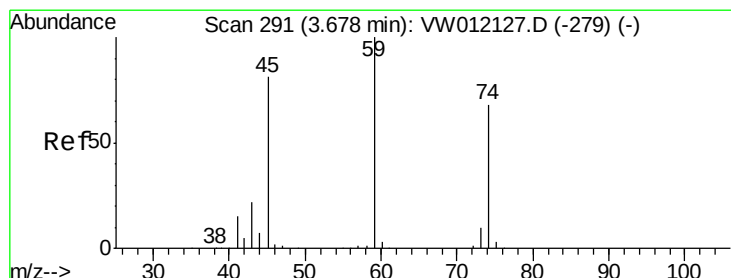
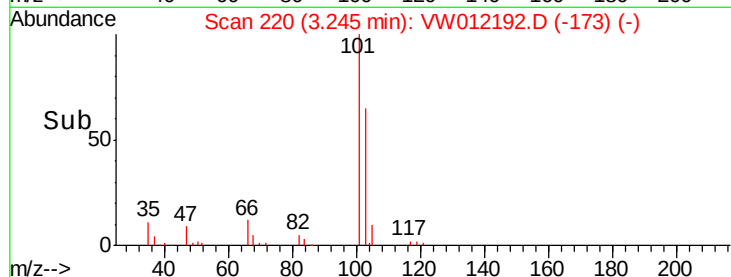
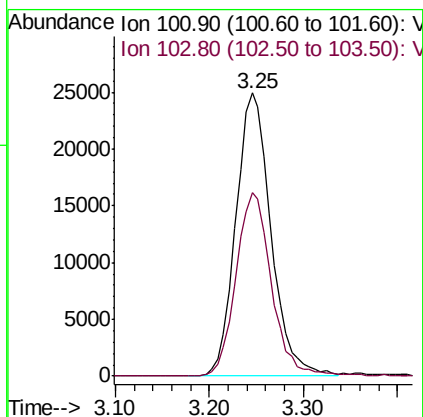
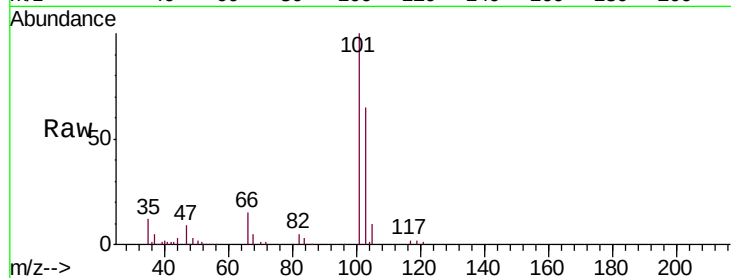


#7

Trichlorofluoromethane
 Concen: 44.614 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012192.D
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 S602-M-1.0-1.5-082319MS

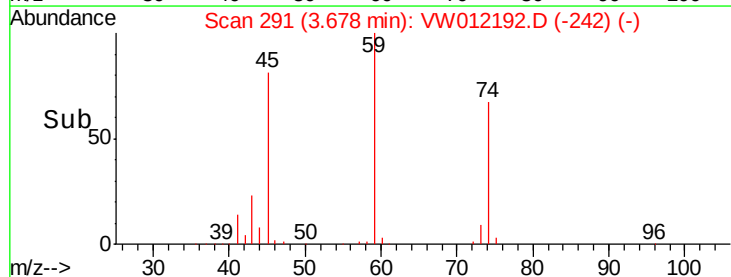
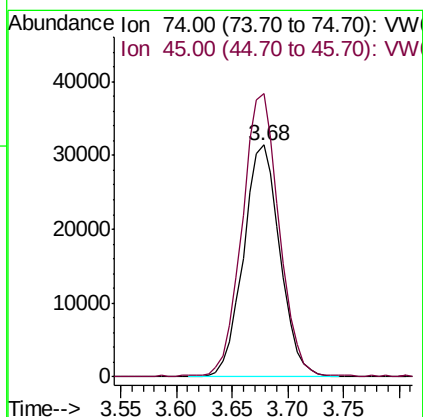
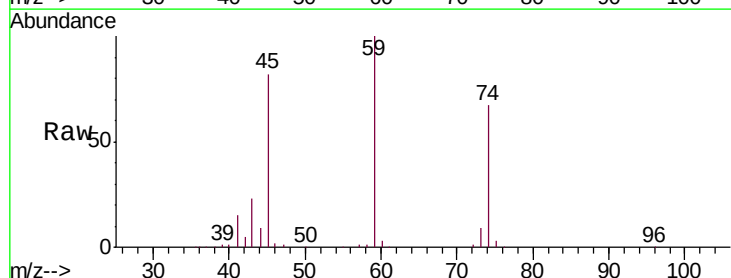
Tgt Ion:101 Resp: 64956
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

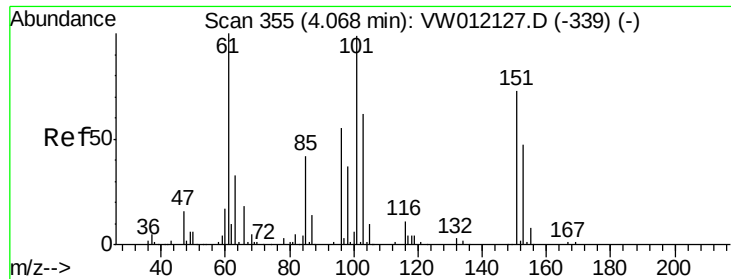


#8

Diethyl Ether
 Concen: 51.957 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 74 Resp: 71804
 Ion Ratio Lower Upper
 74 100
 45 122.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.972 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

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MSVOA_W

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S602-M-1.0-1.5-082319MS

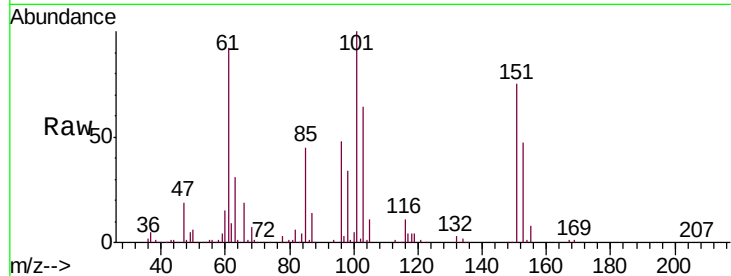
Tgt Ion:101 Resp: 173167

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.6

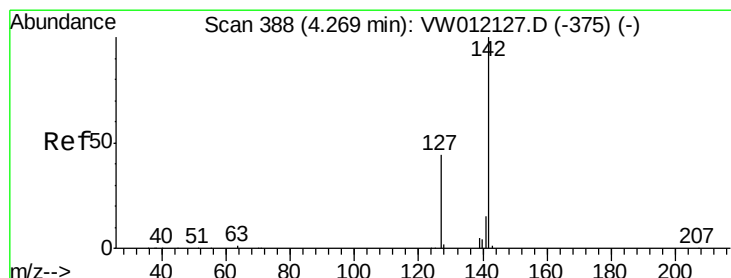
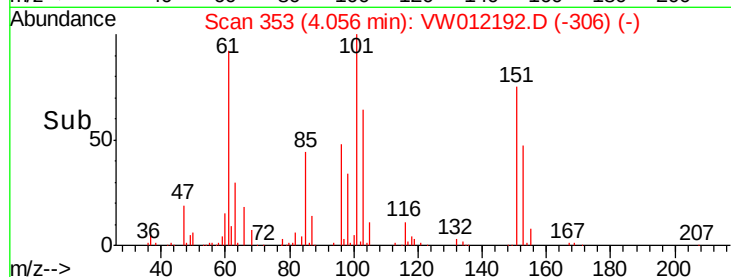
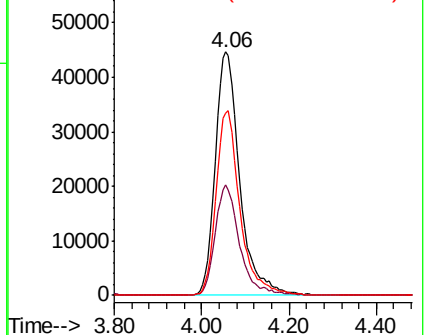
151 73.8 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.602 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

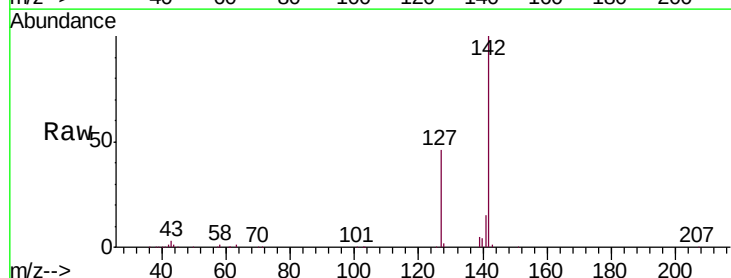
Tgt Ion:142 Resp: 156048

Ion Ratio Lower Upper

142 100

127 44.8 35.5 53.3

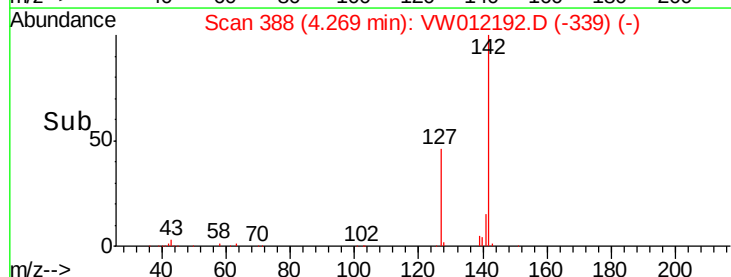
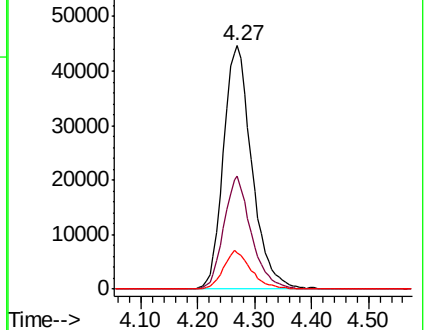
141 15.1 11.8 17.8

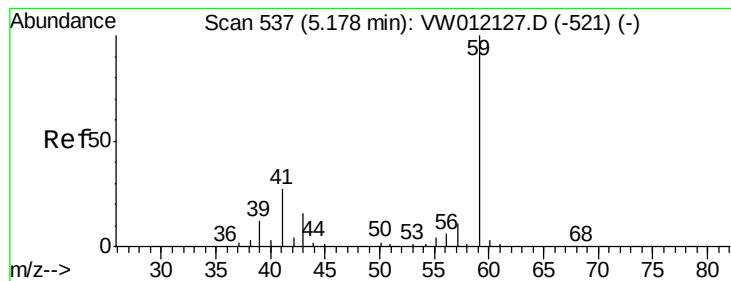


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



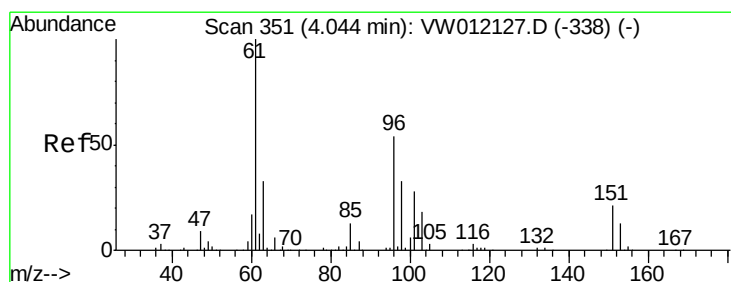
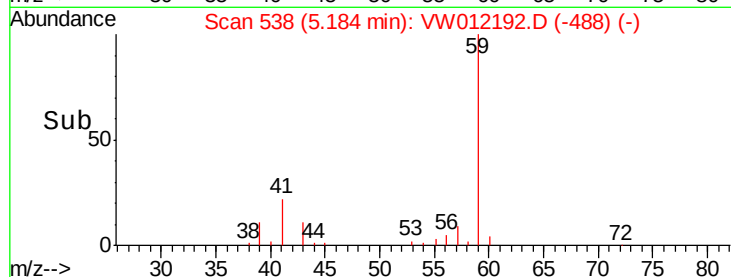
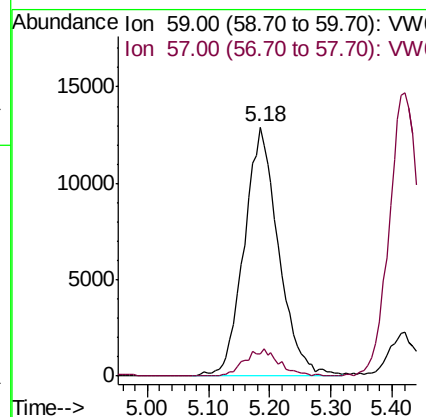
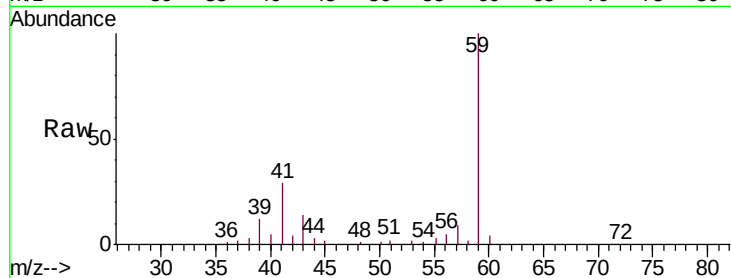


#11

Tert butyl alcohol
 Concen: 284.556 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

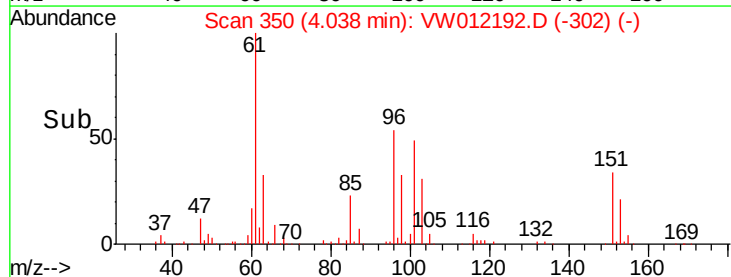
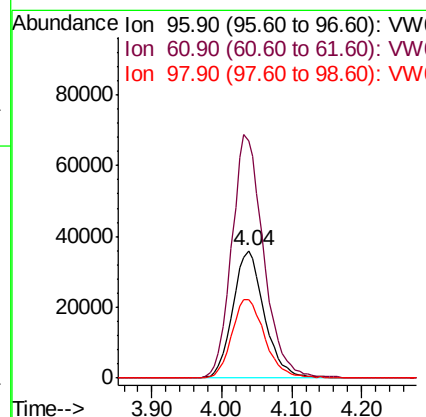
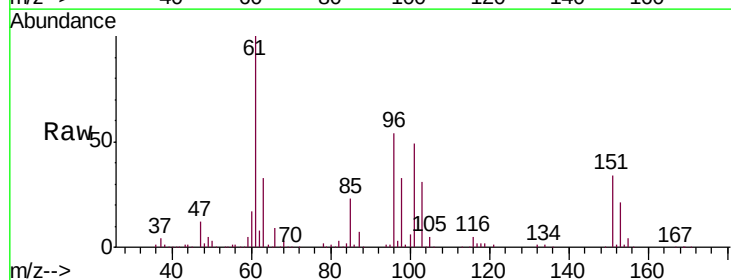
Tgt Ion: 59 Resp: 50553
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.4

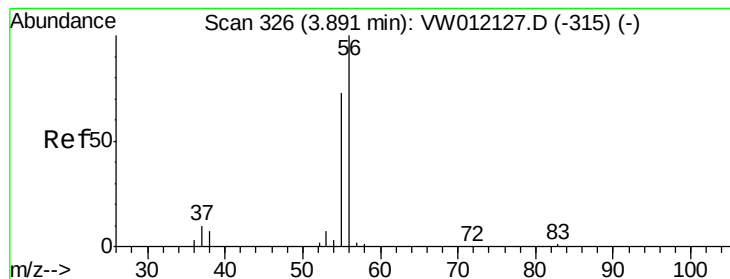


#12

1,1-Dichloroethene
 Concen: 45.405 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 96 Resp: 113101
 Ion Ratio Lower Upper
 96 100
 61 185.9 149.1 223.7
 98 61.8 49.4 74.2





#13

Acrolein

Concen: 164.007 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

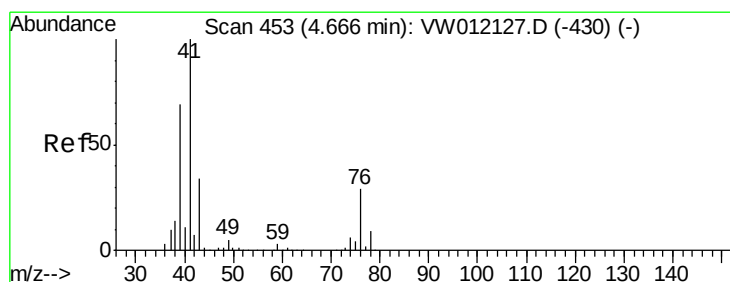
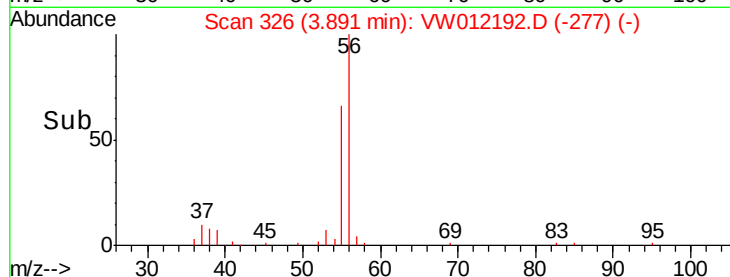
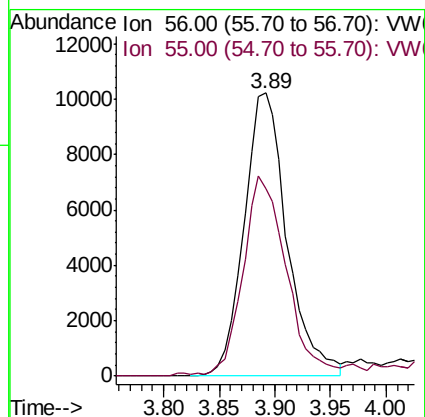
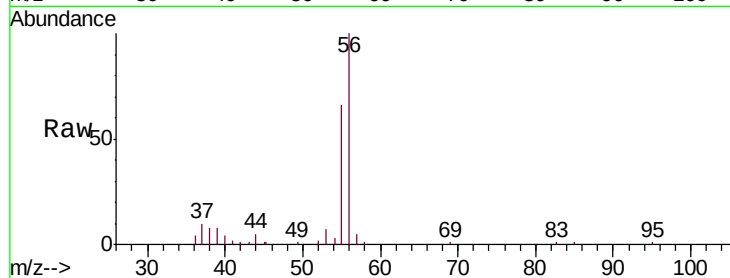
S602-M-1.0-1.5-082319MS

Tgt Ion: 56 Resp: 27427

Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



#14

Allyl chloride

Concen: 43.936 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

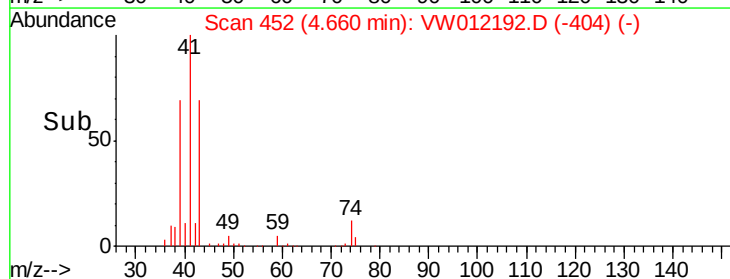
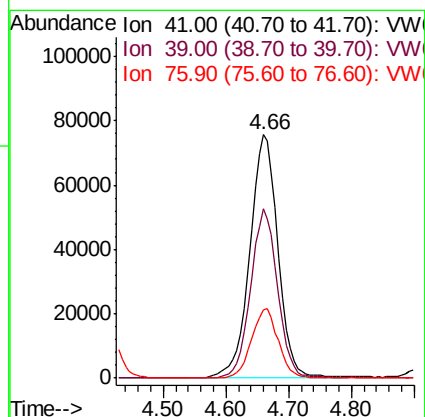
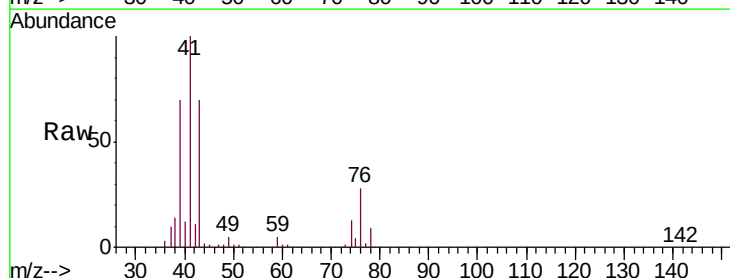
Tgt Ion: 41 Resp: 233971

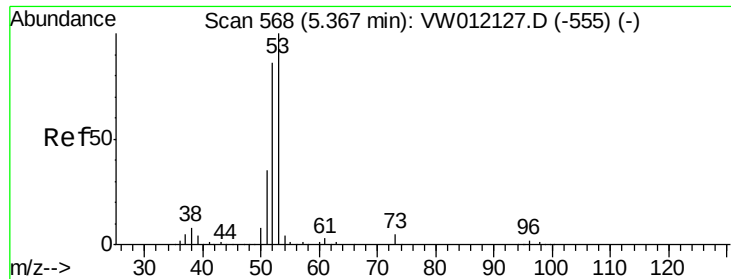
Ion Ratio Lower Upper

41 100

39 66.4 53.4 80.2

76 27.2 22.1 33.1





#15

Acrylonitrile

Concen: 271.244 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

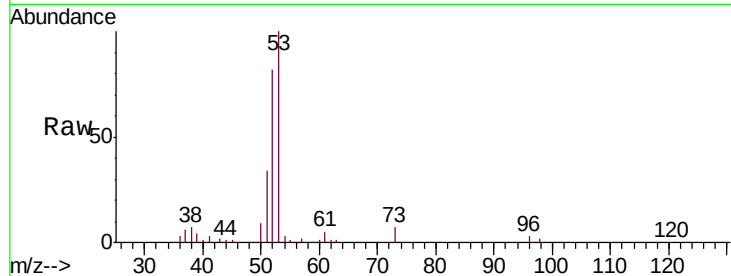
Tgt Ion: 53 Resp: 185800

Ion Ratio Lower Upper

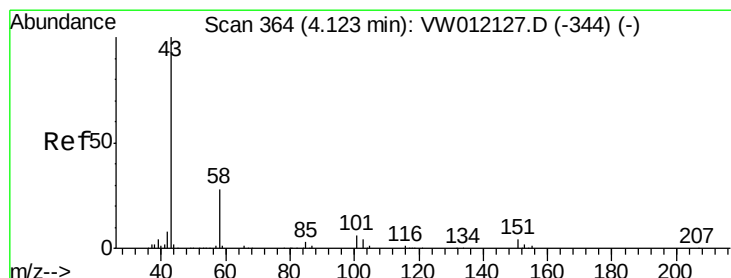
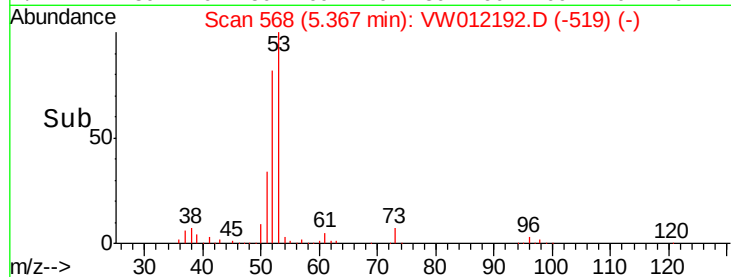
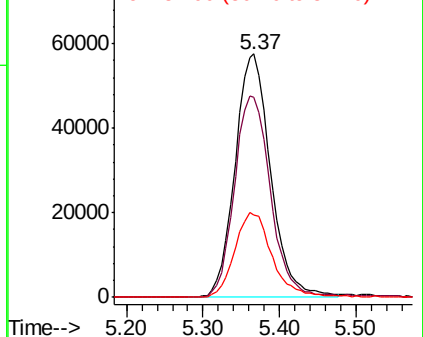
53 100

52 84.0 66.7 100.1

51 36.8 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 304.412 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012192.D

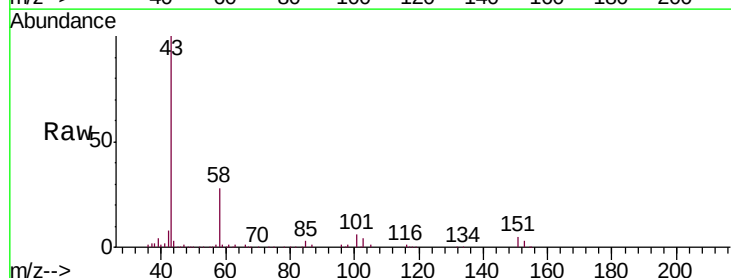
Acq: 27 Aug 2019 00:41

Tgt Ion: 43 Resp: 229715

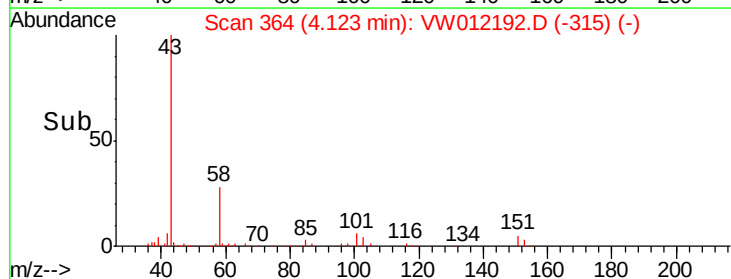
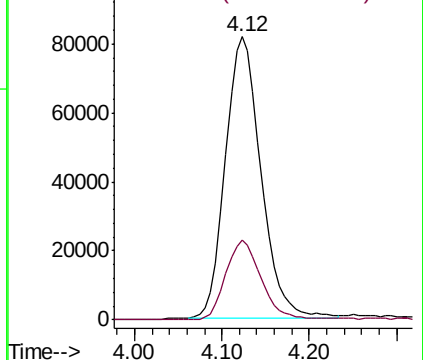
Ion Ratio Lower Upper

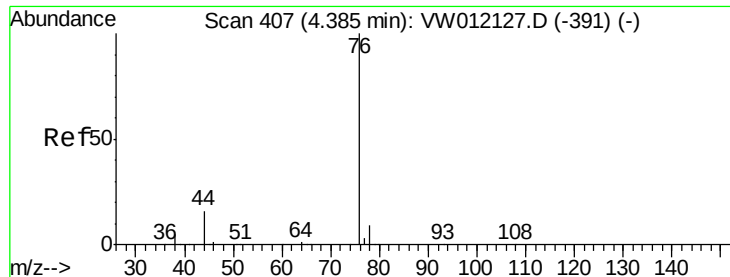
43 100

58 28.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 41.887 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

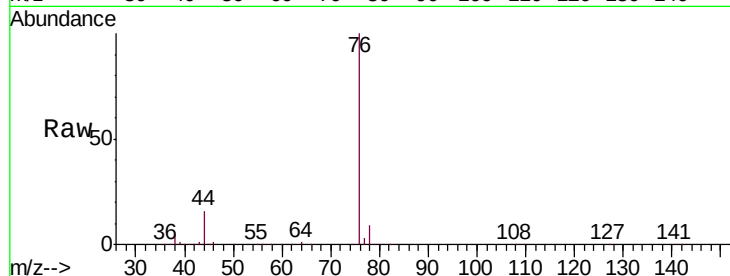
S602-M-1.0-1.5-082319MS

Tgt Ion: 76 Resp: 315326

Ion Ratio Lower Upper

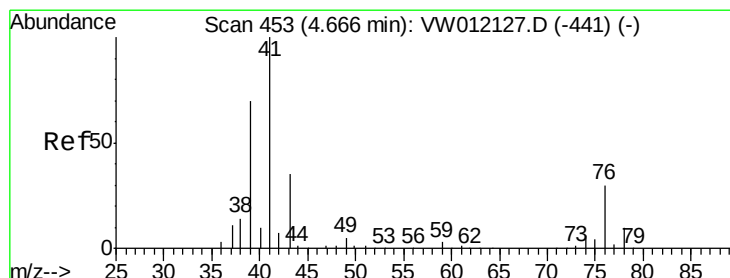
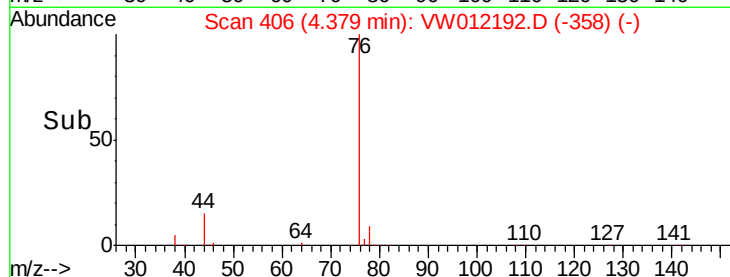
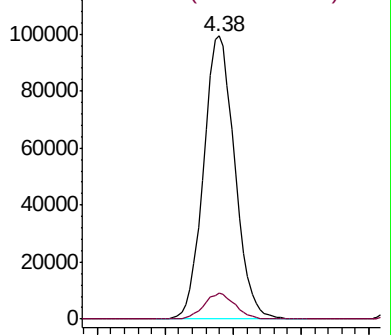
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 86.284 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012192.D

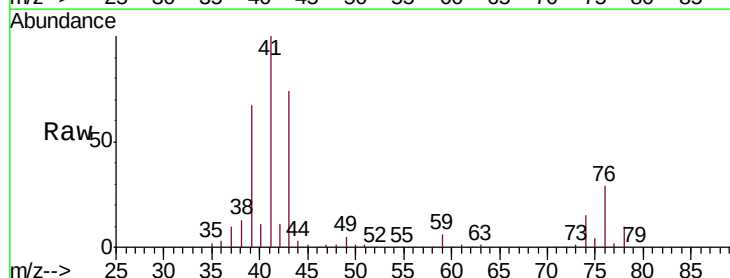
Acq: 27 Aug 2019 00:41

Tgt Ion: 43 Resp: 161270

Ion Ratio Lower Upper

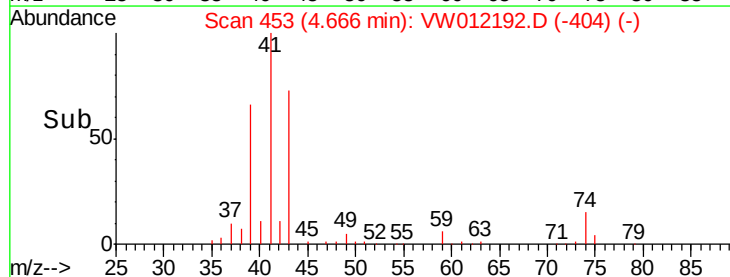
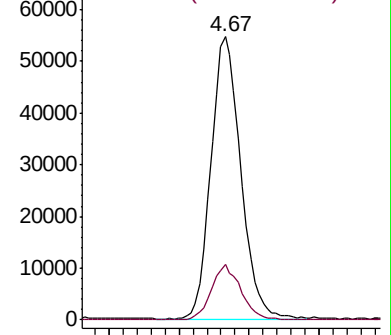
43 100

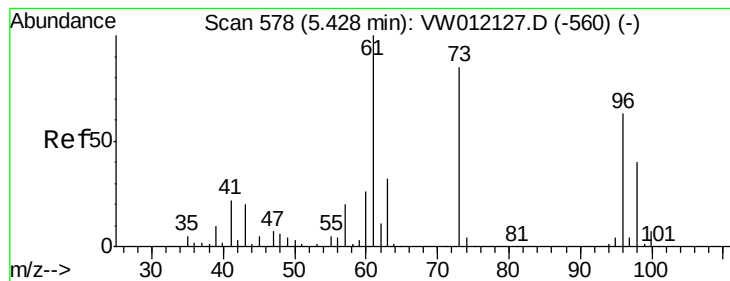
74 19.2 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 52.820 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

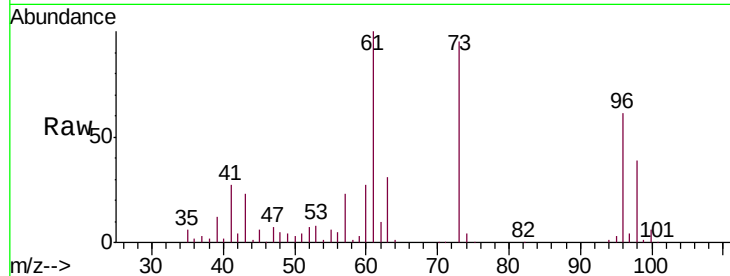
S602-M-1.0-1.5-082319MS

Tgt Ion: 73 Resp: 212769

Ion Ratio Lower Upper

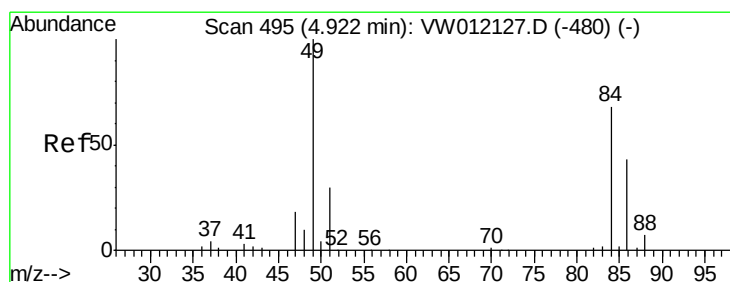
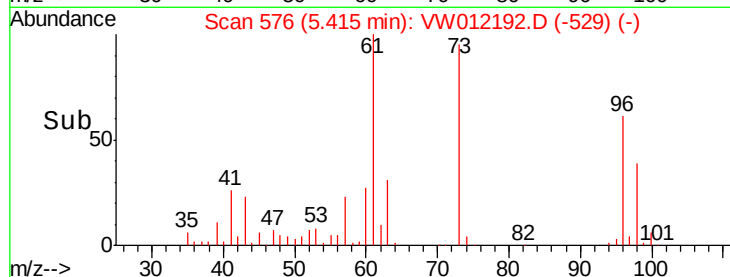
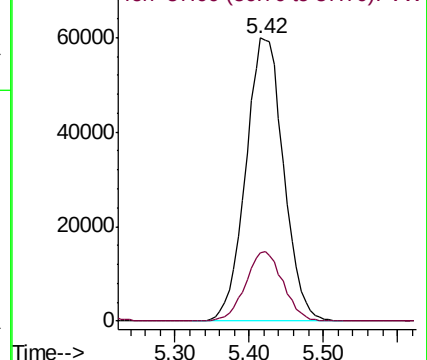
73 100

57 24.3 18.9 28.3



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 53.411 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion: 84 Resp: 152370

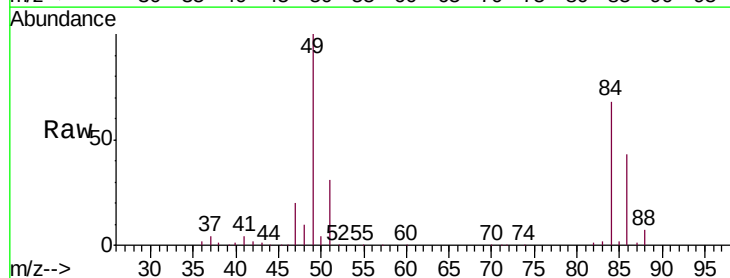
Ion Ratio Lower Upper

84 100

49 147.3 117.8 176.8

51 45.2 35.6 53.4

86 63.6 51.2 76.8

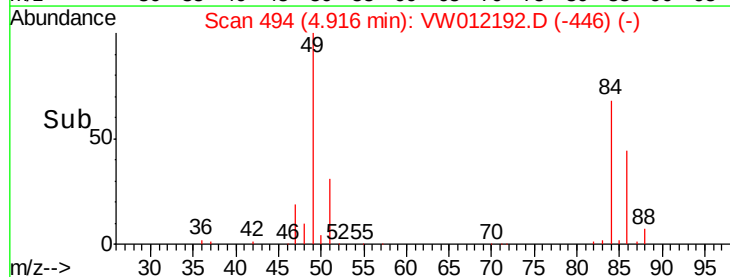
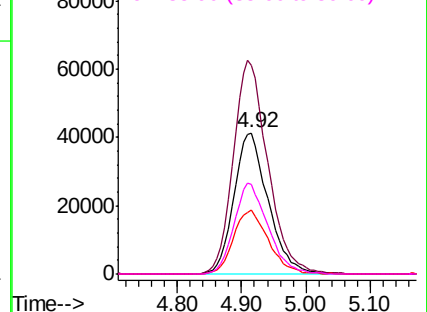


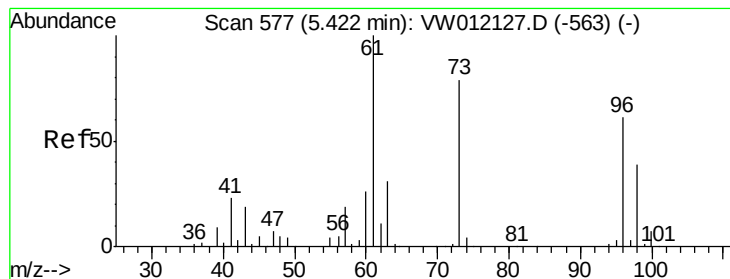
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#21

trans-1,2-Dichloroethene

Concen: 43.713 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

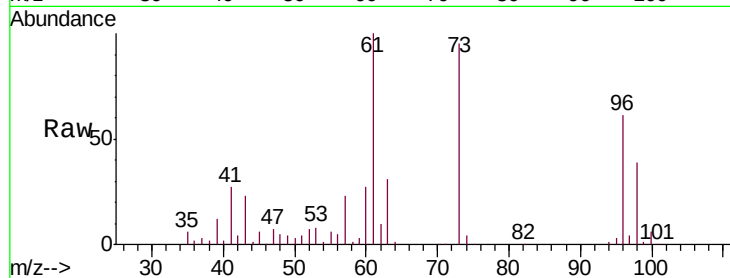
Tgt Ion: 96 Resp: 116762

Ion Ratio Lower Upper

96 100

61 163.6 131.4 197.0

98 64.0 51.4 77.0

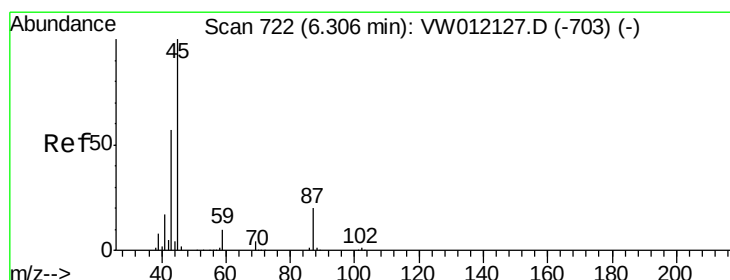
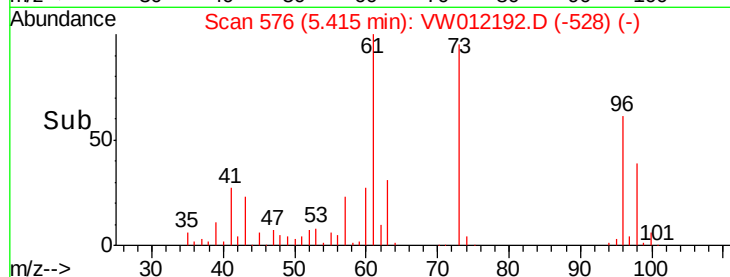
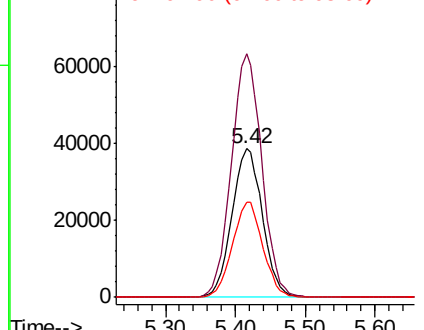


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.437 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion: 45 Resp: 497853

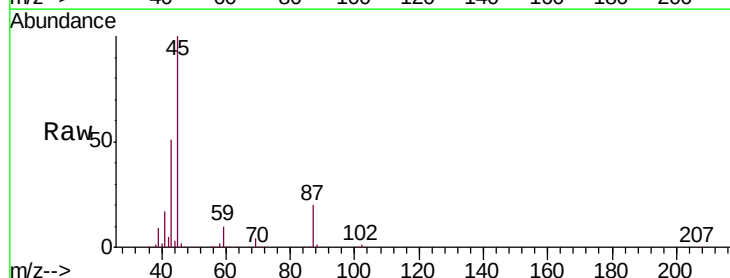
Ion Ratio Lower Upper

45 100

43 51.1 45.5 68.3

87 20.2 16.1 24.1

59 10.1 8.2 12.2



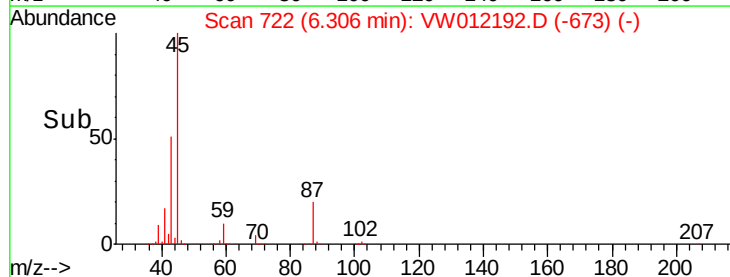
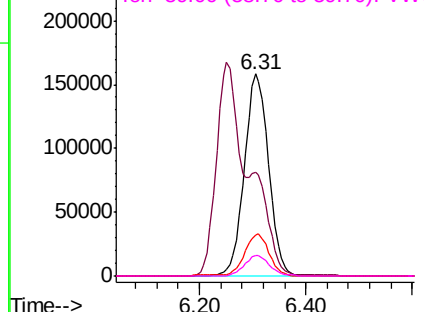
Abundance

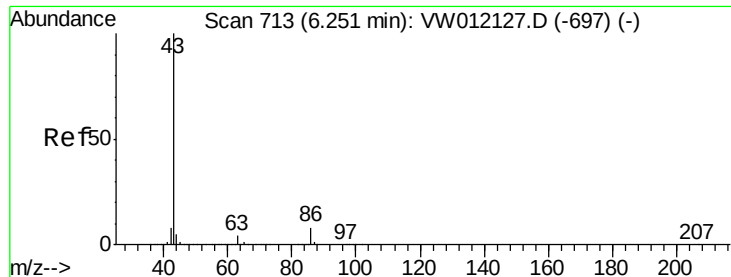
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 86.843 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

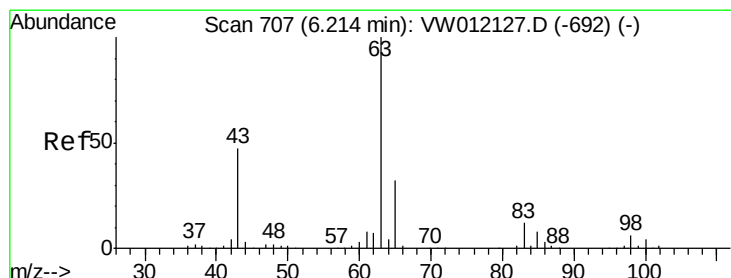
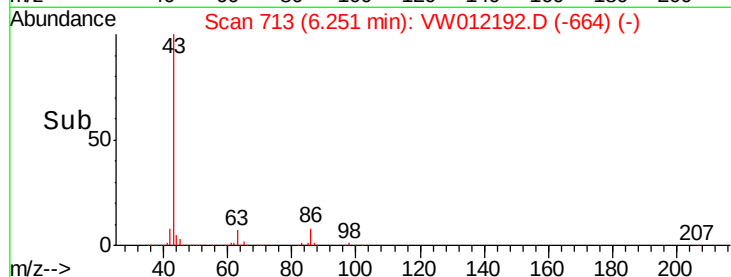
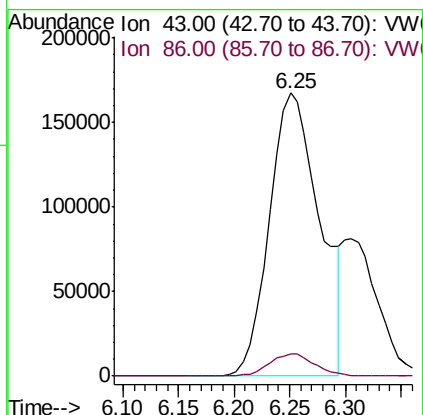
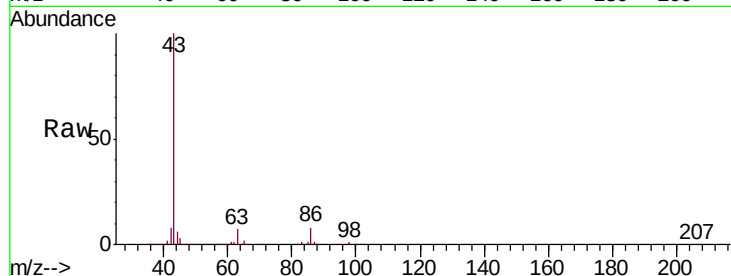
S602-M-1.0-1.5-082319MS

Tgt Ion: 43 Resp: 527541

Ion Ratio Lower Upper

43 100

86 7.7 6.5 9.7



#24

1,1-Dichloroethane

Concen: 48.880 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

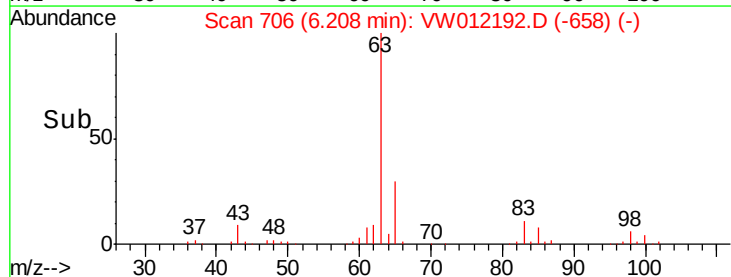
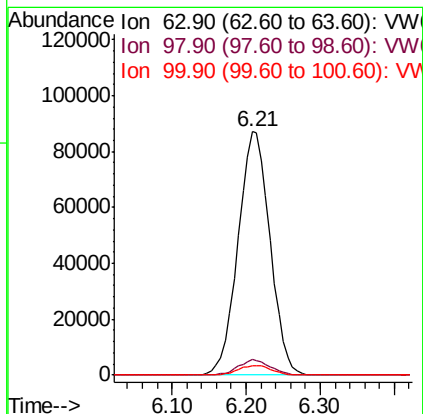
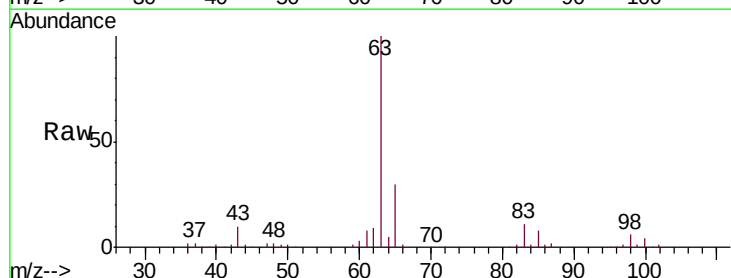
Tgt Ion: 63 Resp: 262704

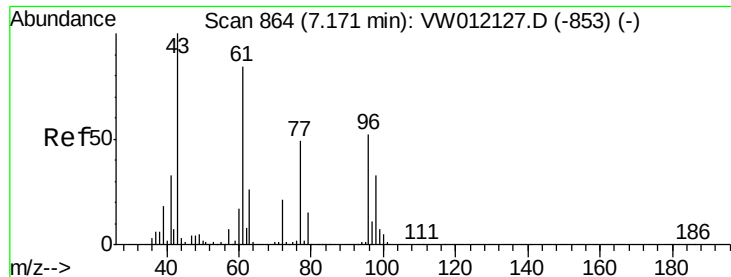
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 271.825 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

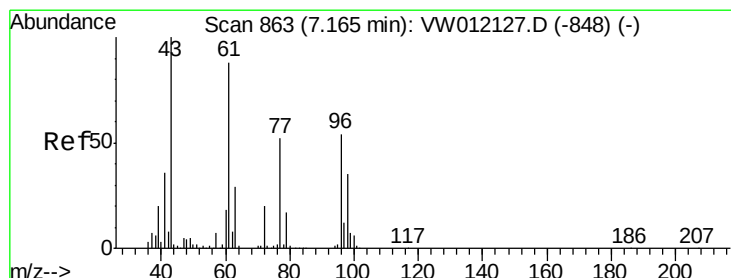
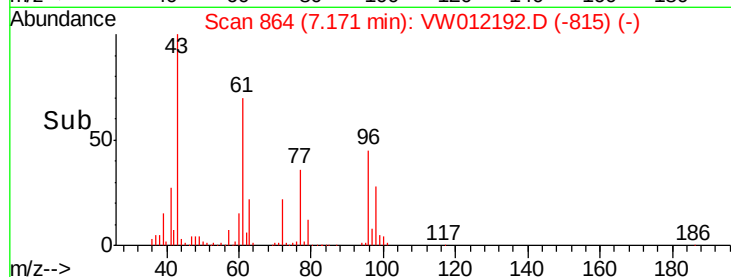
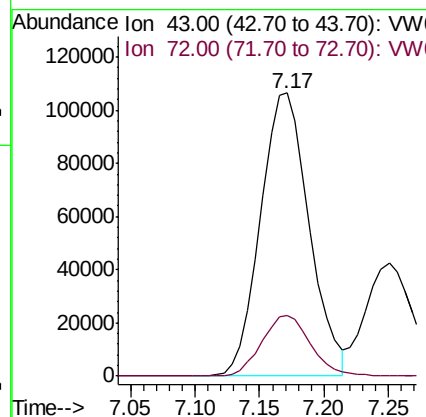
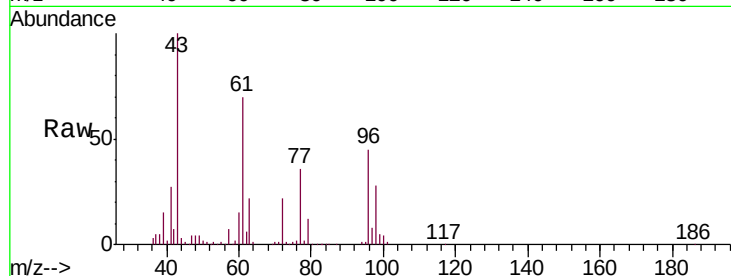
S602-M-1.0-1.5-082319MS

Tgt Ion: 43 Resp: 278740

Ion Ratio Lower Upper

43 100

72 21.6 16.6 24.8



#26

2,2-Dichloropropane

Concen: 41.296 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012192.D

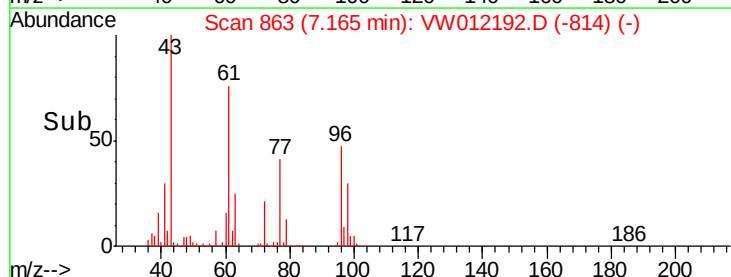
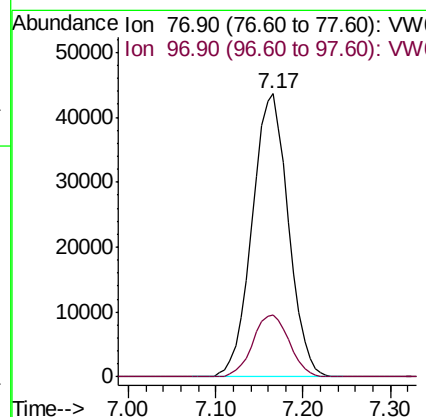
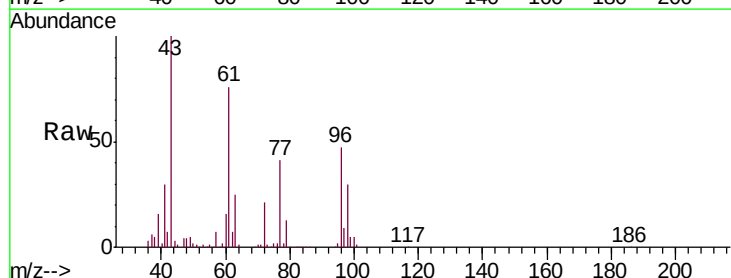
Acq: 27 Aug 2019 00:41

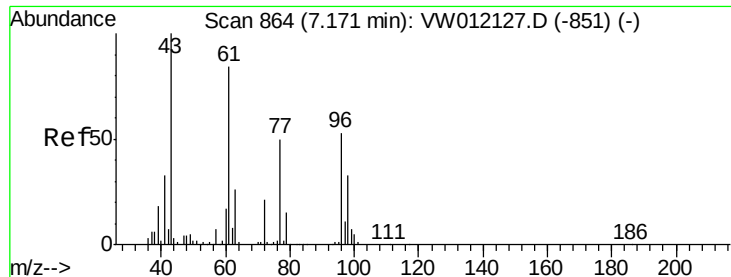
Tgt Ion: 77 Resp: 125623

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1



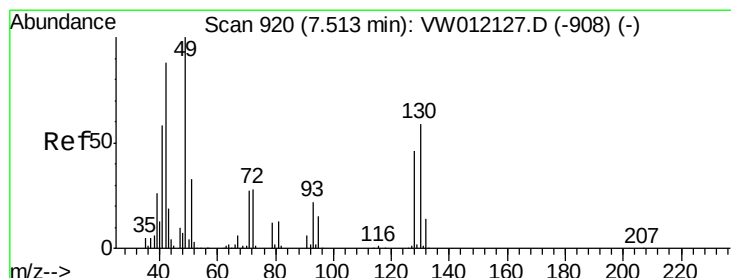
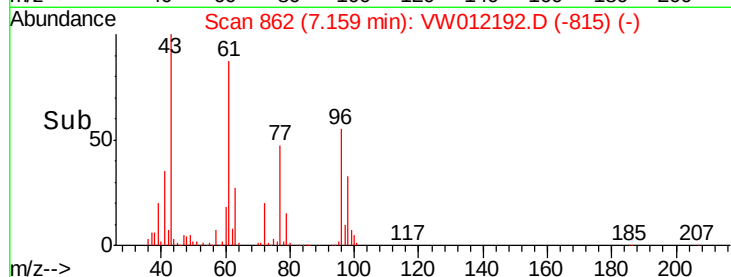
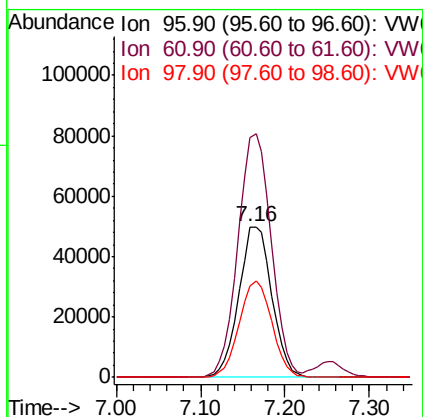
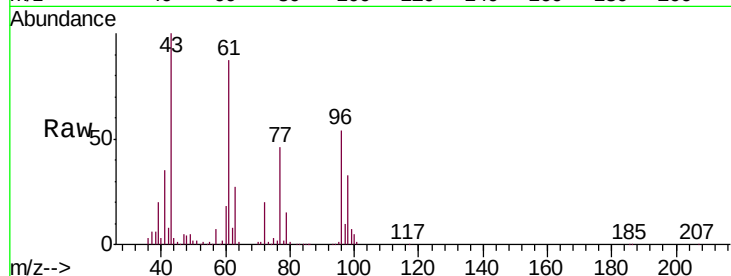


#27

cis-1,2-Dichloroethene
 Concen: 46.243 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

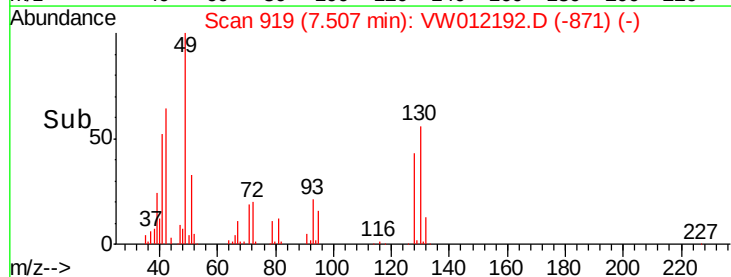
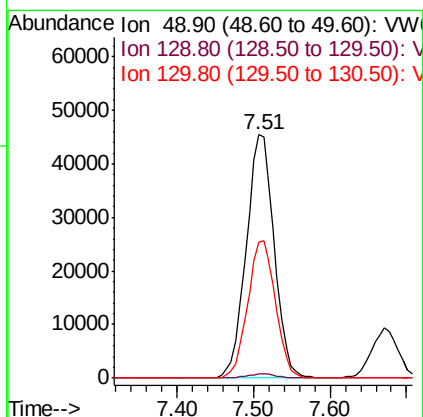
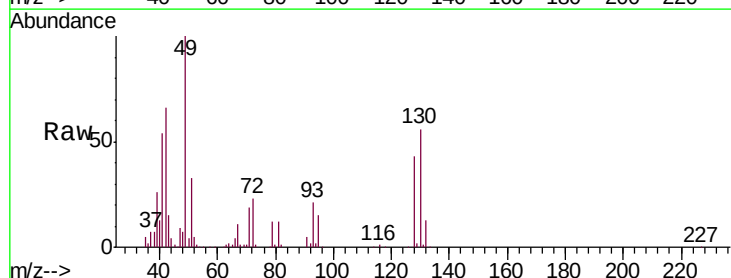
Tgt Ion: 96 Resp: 131970
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 326.6
 98 63.5 0.0 127.4

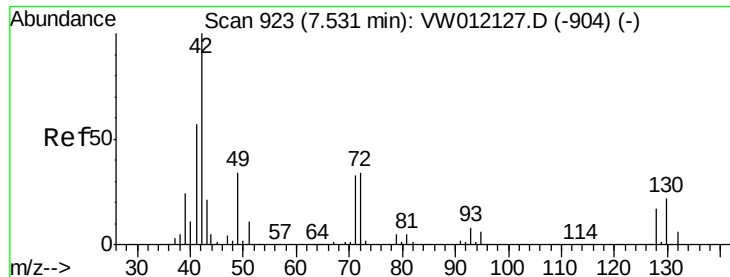


#28

Bromochloromethane
 Concen: 49.251 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 49 Resp: 115368
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 1.4#
 130 56.1 45.5 68.3





#29

Tetrahydrofuran

Concen: 303.865 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

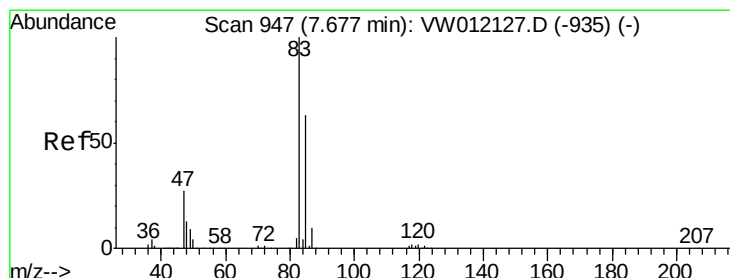
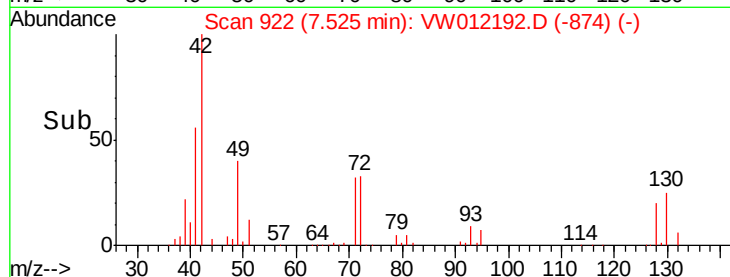
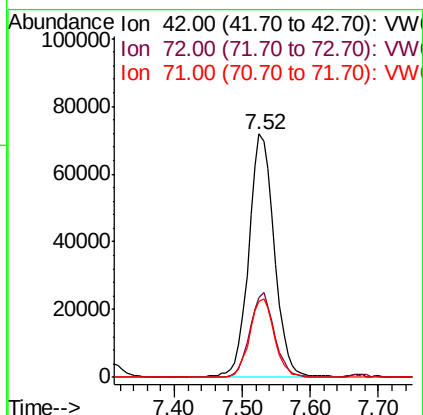
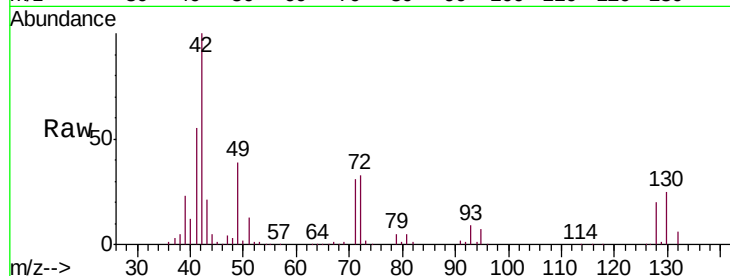
Tgt Ion: 42 Resp: 186944

Ion Ratio Lower Upper

42 100

72 33.6 27.3 40.9

71 31.5 25.5 38.3



#30

Chloroform

Concen: 47.550 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012192.D

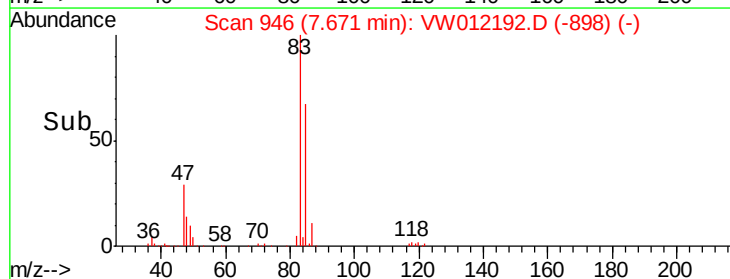
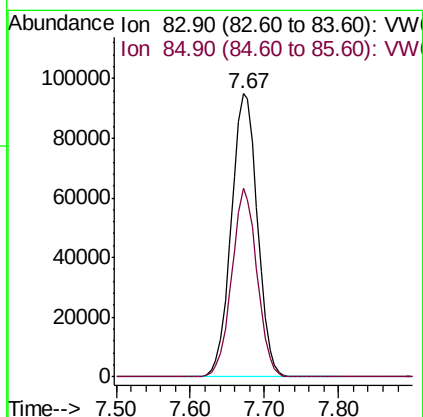
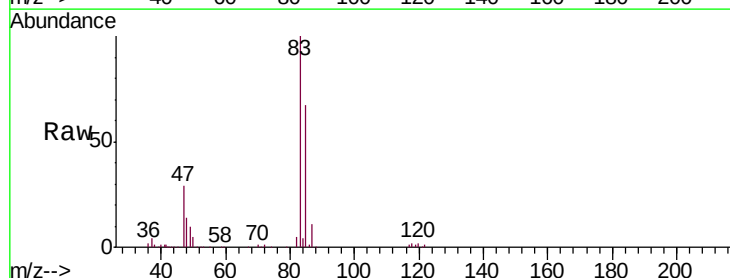
Acq: 27 Aug 2019 00:41

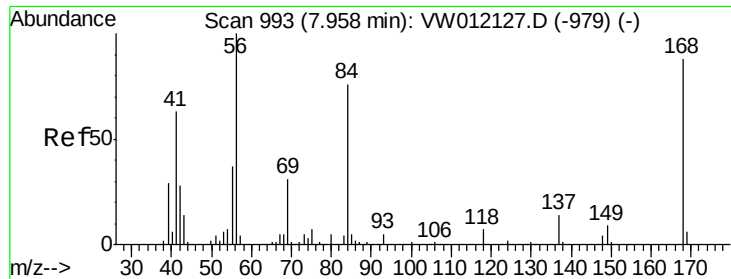
Tgt Ion: 83 Resp: 233805

Ion Ratio Lower Upper

83 100

85 66.8 50.6 76.0

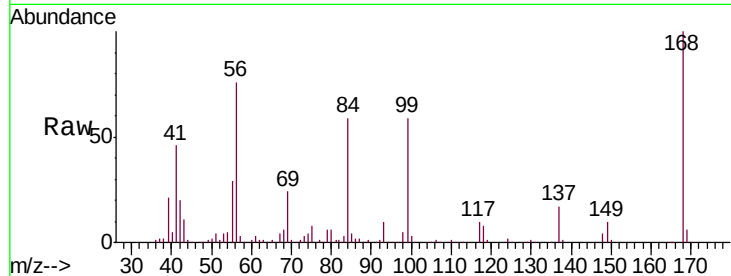




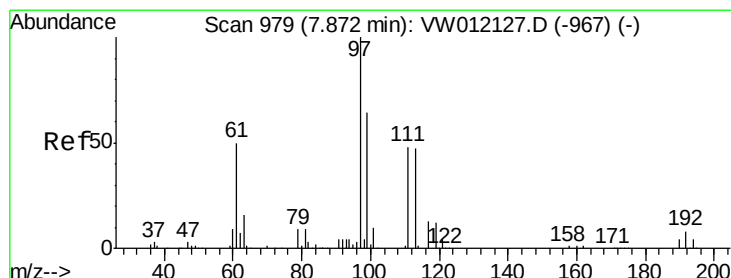
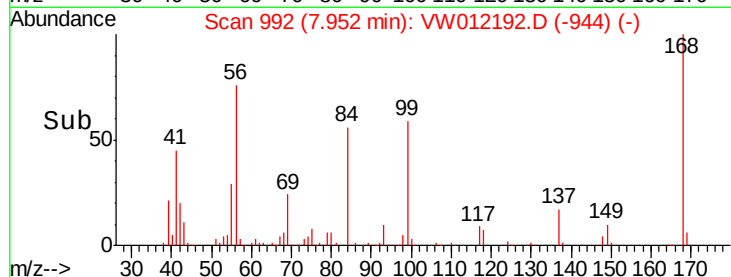
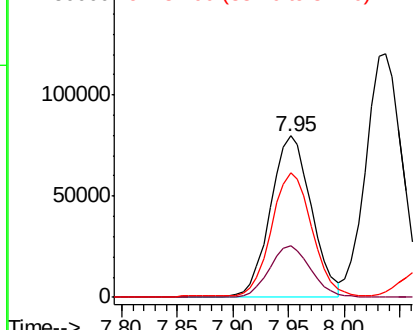
#31
Cyclohexane
Concen: 38.482 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tgt Ion: 56 Resp: 204622
Ion Ratio Lower Upper
56 100
69 32.3 24.9 37.3
84 76.2 60.6 90.8

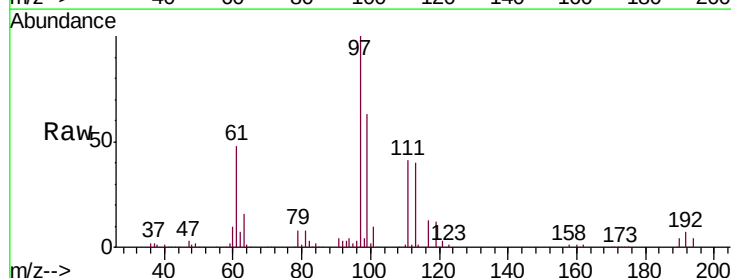


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

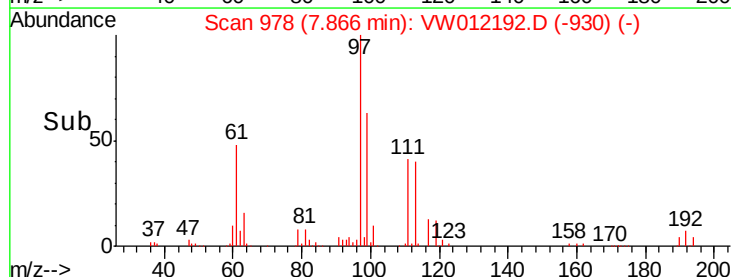
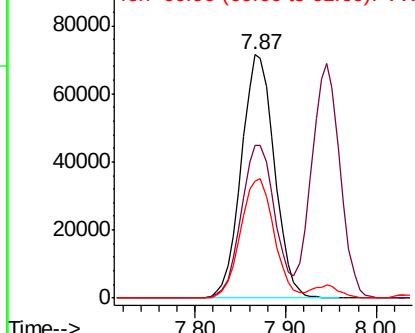


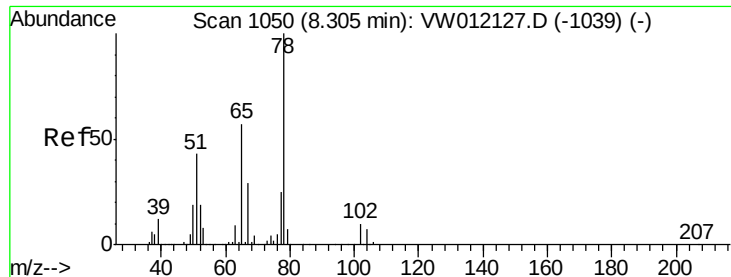
#32
1,1,1-Trichloroethane
Concen: 46.549 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 97 Resp: 181065
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 49.6 39.5 59.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

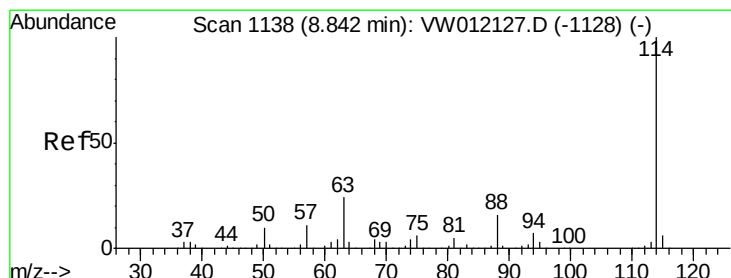
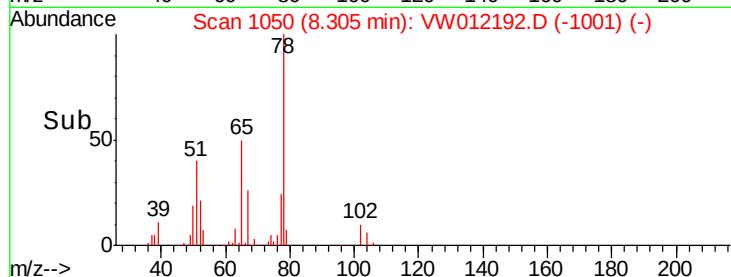
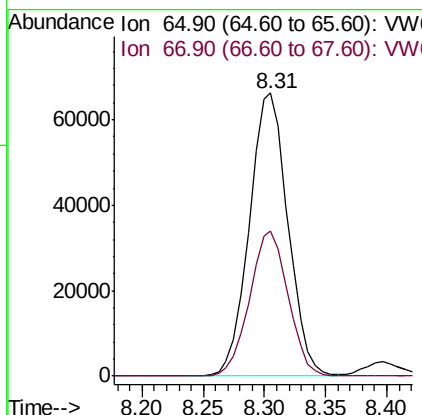
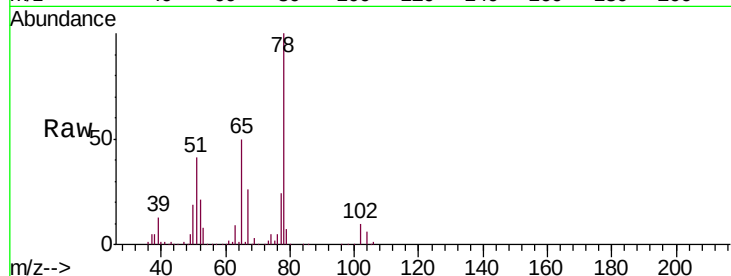




#33
 1,2-Dichloroethane-d4
 Concen: 49.149 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

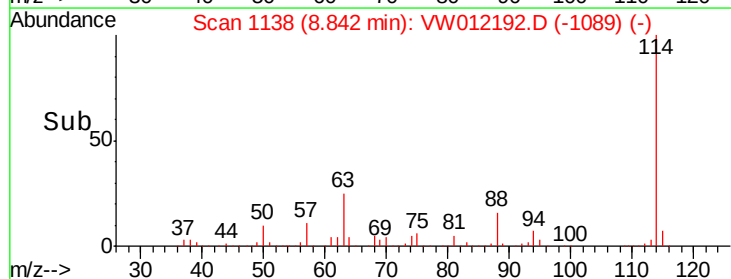
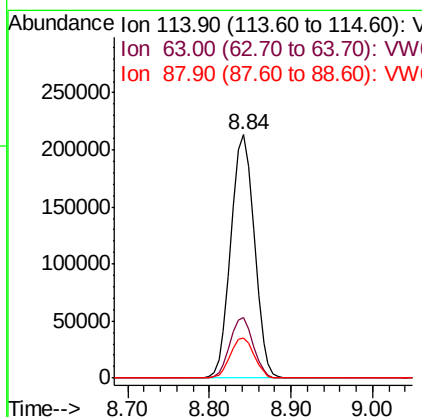
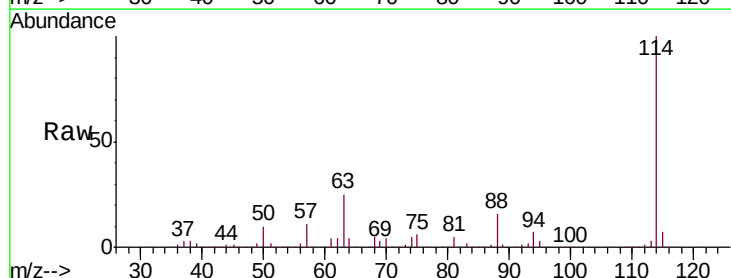
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

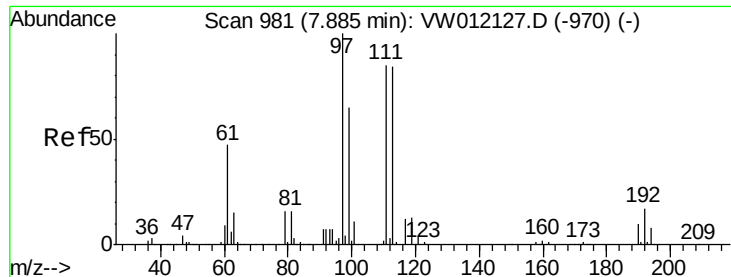
Tgt Ion: 65 Resp: 145092
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 114 Resp: 421815
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 16.4 0.0 32.2

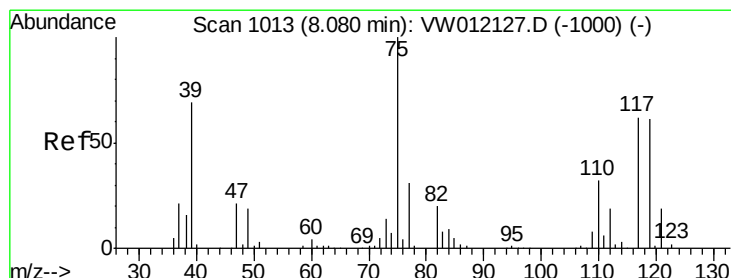
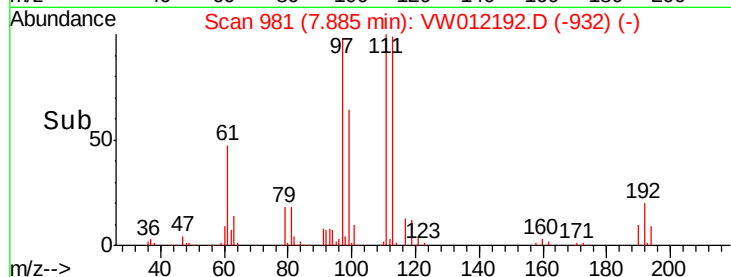
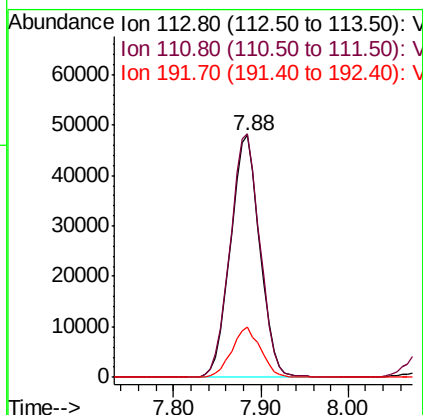
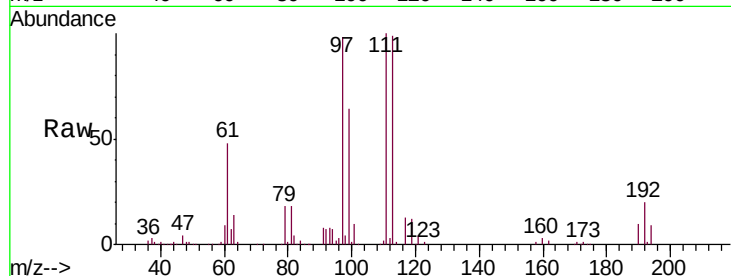




#35
 Dibromofluoromethane
 Concen: 44.420 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

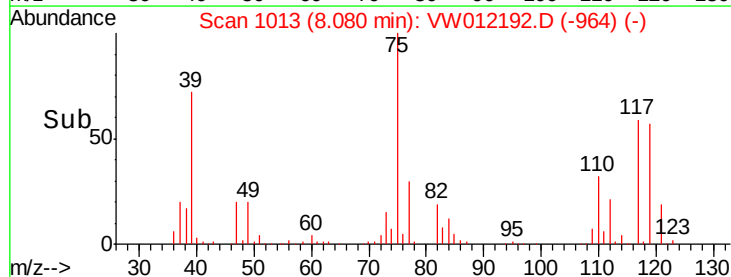
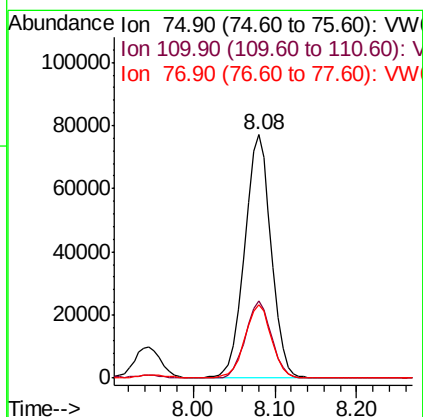
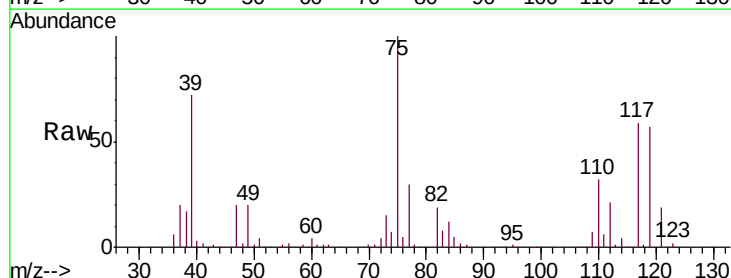
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

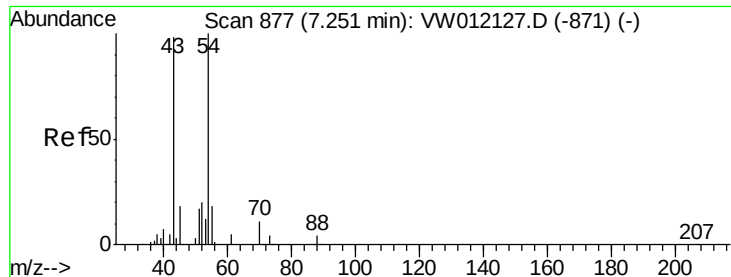
Tgt Ion:113 Resp: 111842
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 20.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 39.868 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 75 Resp: 173782
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.6 46.8
 77 30.5 24.6 36.8

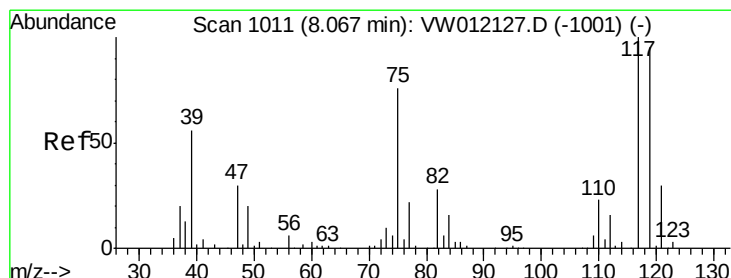
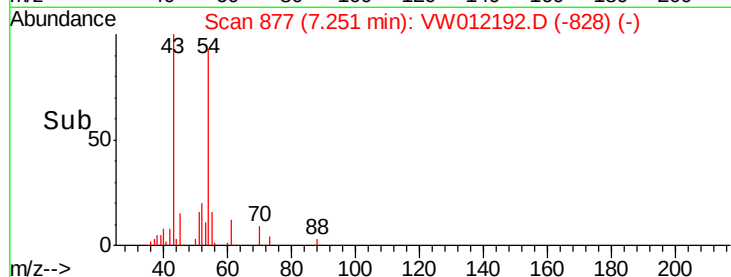
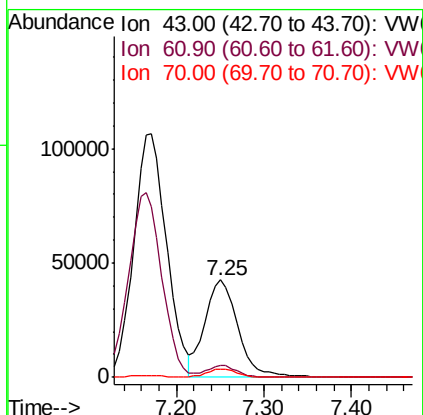
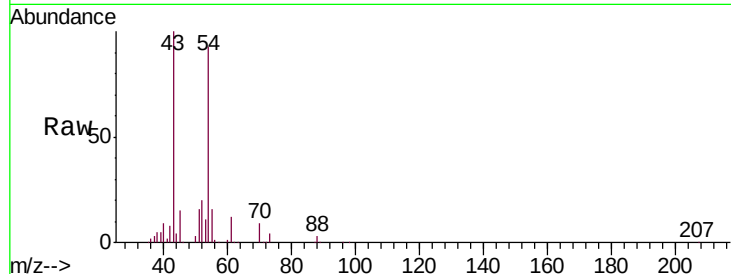




#37
Ethyl Acetate
Concen: 46.680 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

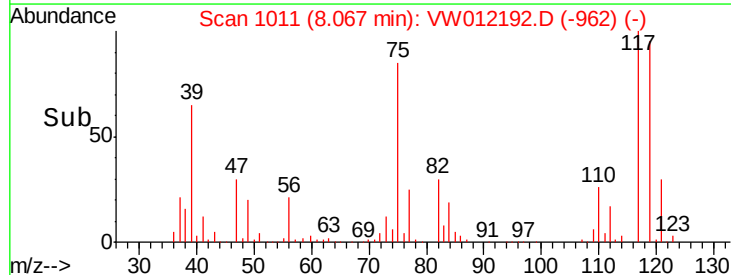
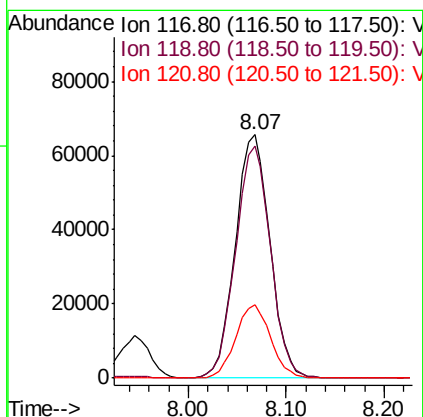
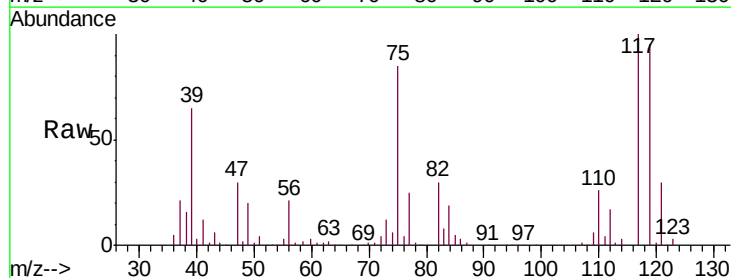
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

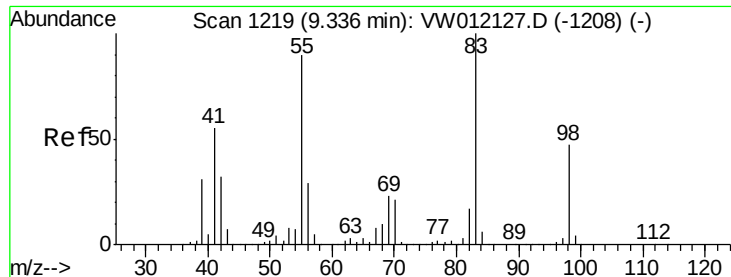
Tgt Ion: 43 Resp: 111502
Ion Ratio Lower Upper
43 100
61 11.4 9.2 13.8
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 42.905 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 117 Resp: 161870
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2
121 30.2 23.8 35.8

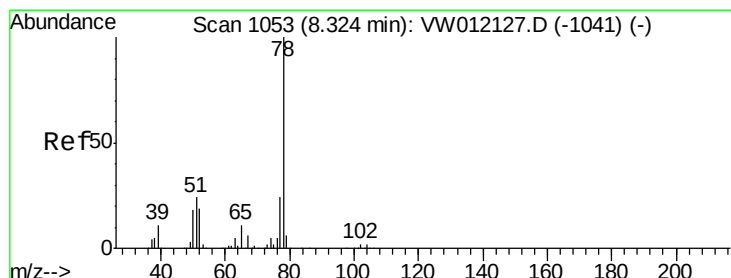
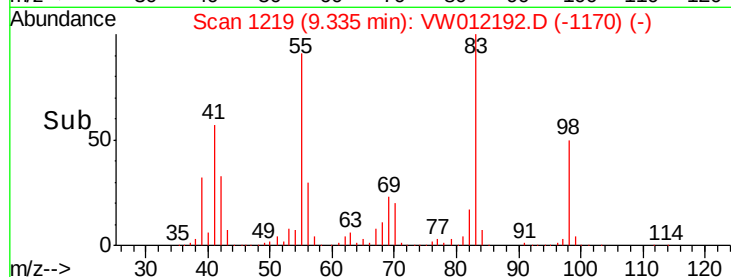
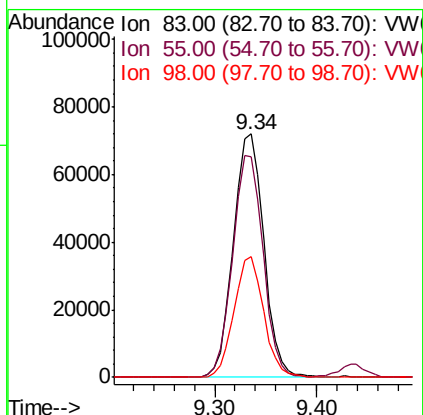
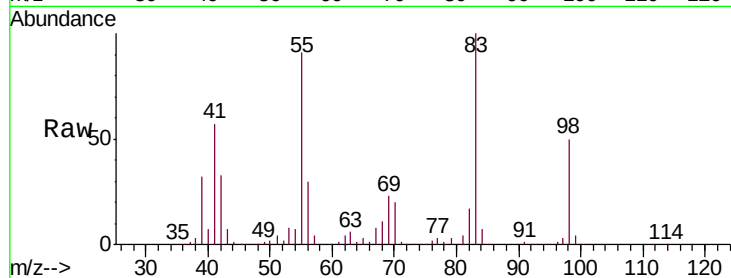




#39
Methylcyclohexane
Concen: 30.464 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

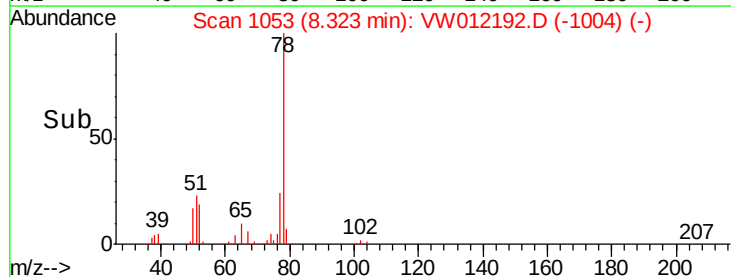
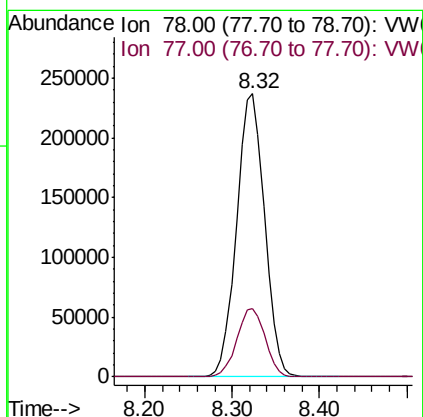
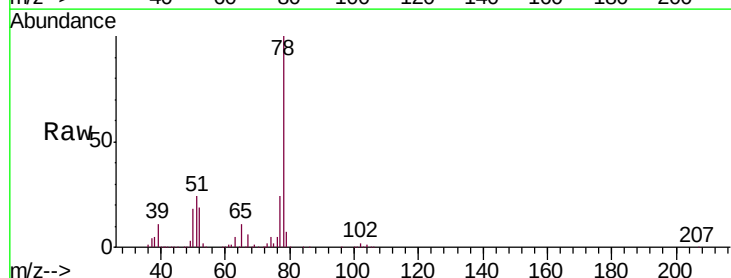
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

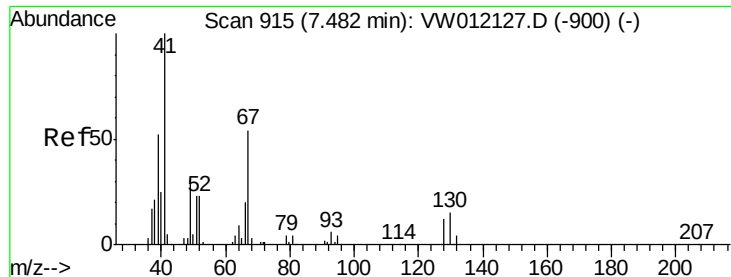
Tgt Ion: 83 Resp: 149179
Ion Ratio Lower Upper
83 100
55 90.7 71.8 107.8
98 49.5 37.8 56.8



#40
Benzene
Concen: 44.344 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 78 Resp: 527801
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3





#41

Methacrylonitrile

Concen: 52.609 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tgt Ion: 41 Resp: 73858

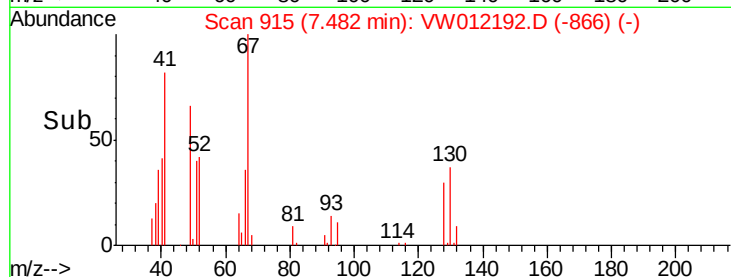
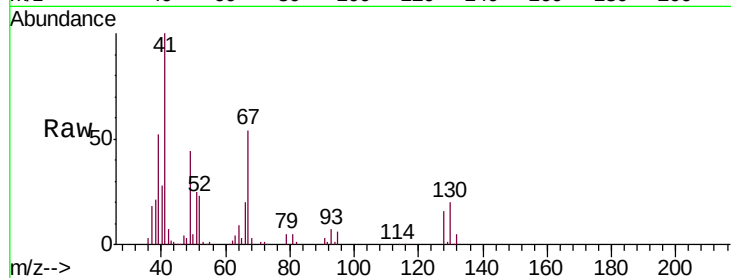
Ion Ratio Lower Upper

41 100

39 59.5 45.8 68.8

67 56.8 46.2 69.4

52 26.0 21.0 31.6

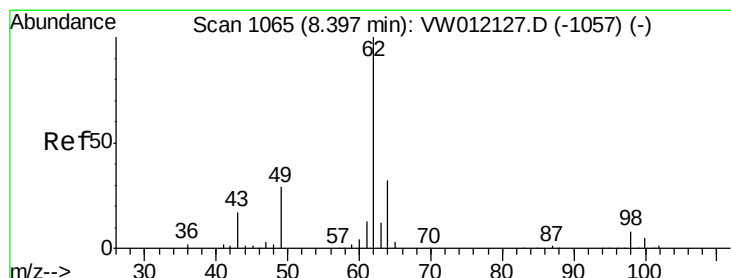
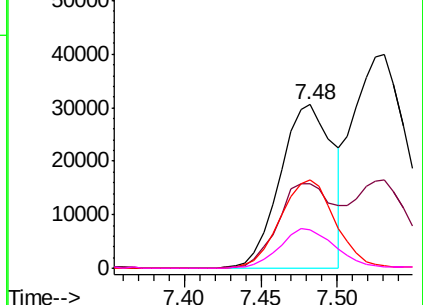


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 46.733 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012192.D

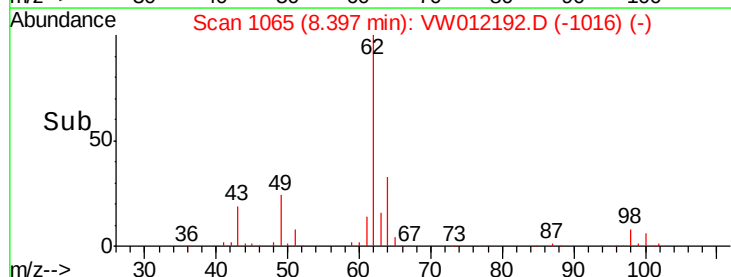
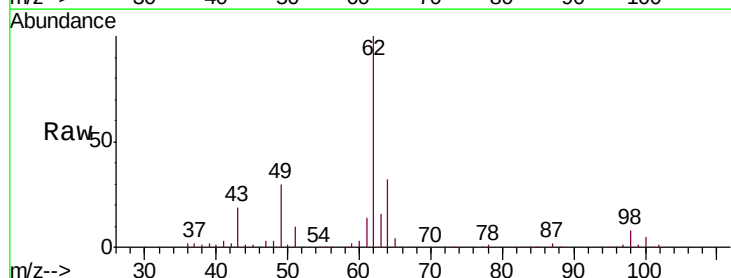
Acq: 27 Aug 2019 00:41

Tgt Ion: 62 Resp: 174331

Ion Ratio Lower Upper

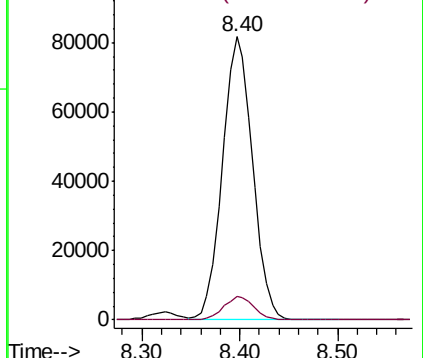
62 100

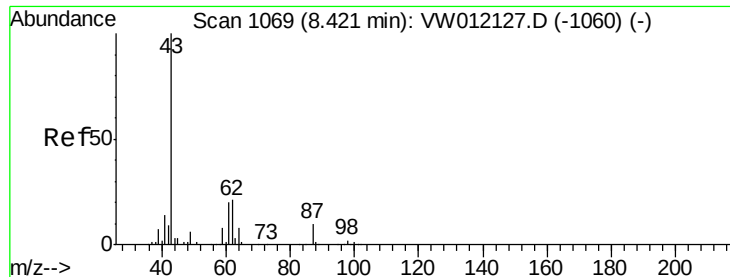
98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.279 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

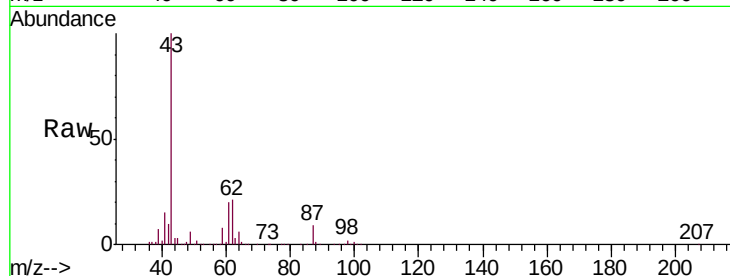
Tgt Ion: 43 Resp: 213612

Ion Ratio Lower Upper

43 100

61 25.9 21.1 31.7

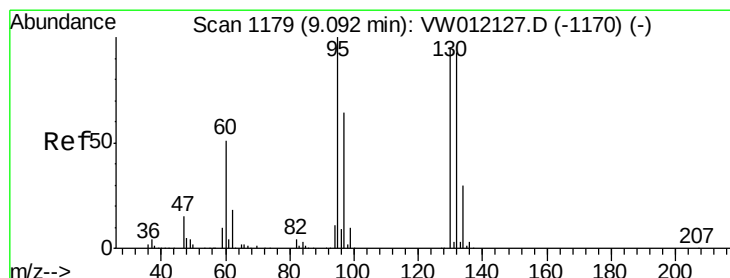
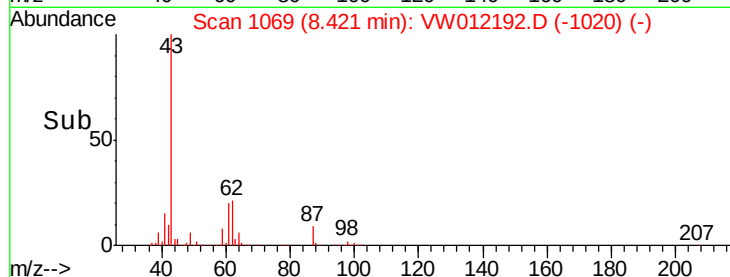
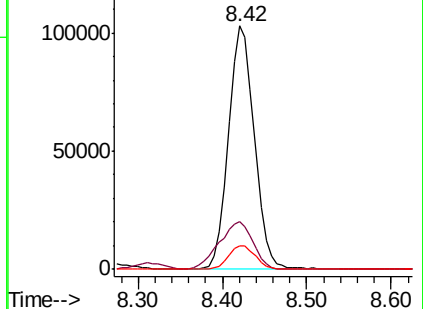
87 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 39.931 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012192.D

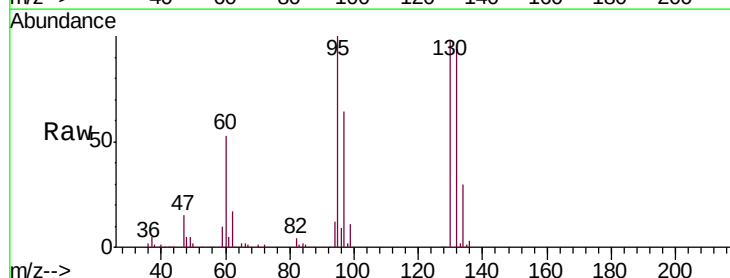
Acq: 27 Aug 2019 00:41

Tgt Ion: 130 Resp: 115538

Ion Ratio Lower Upper

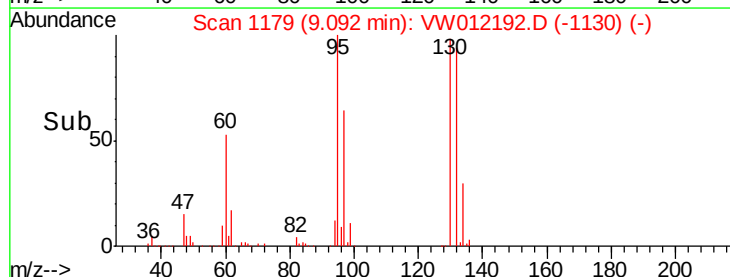
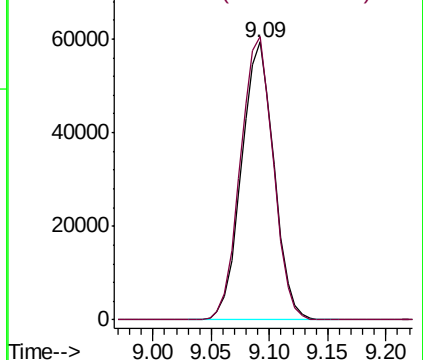
130 100

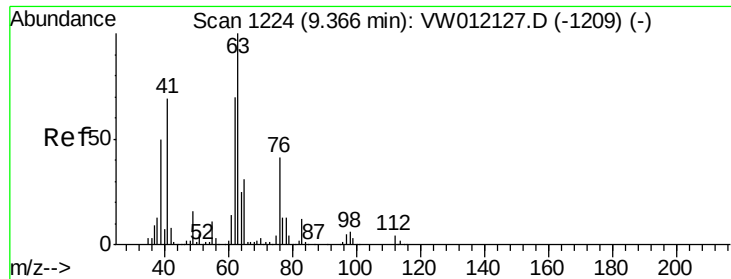
95 101.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

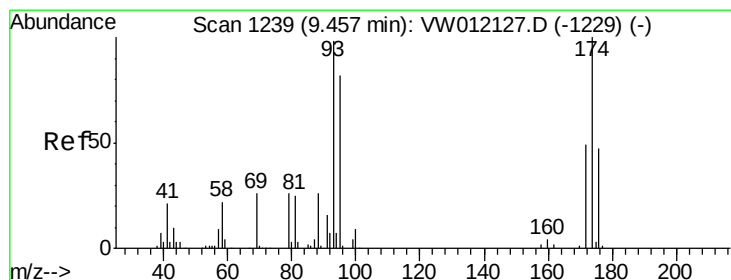
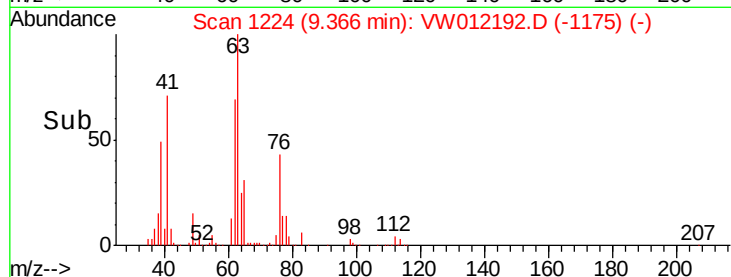
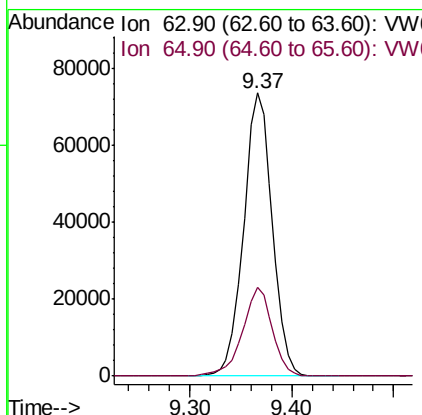
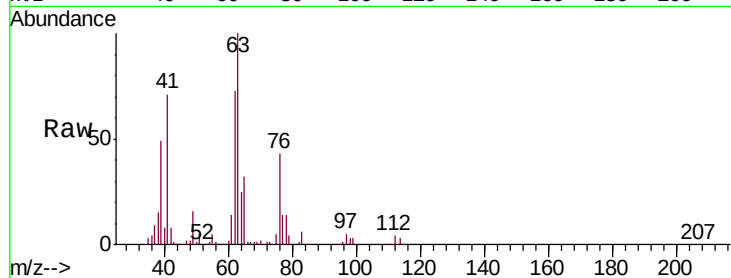




#45
 1,2-Dichloropropane
 Concen: 44.884 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

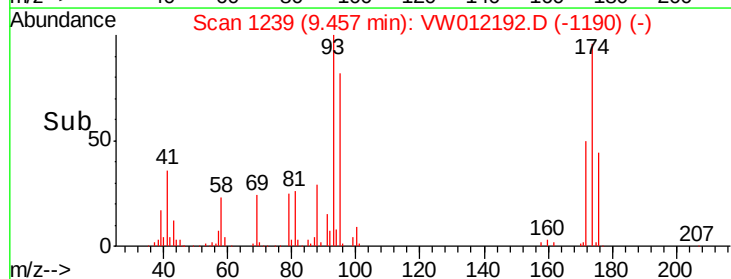
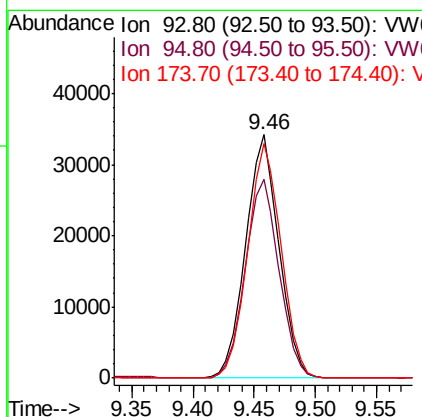
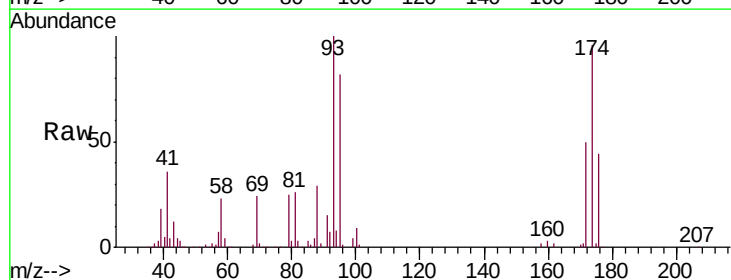
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

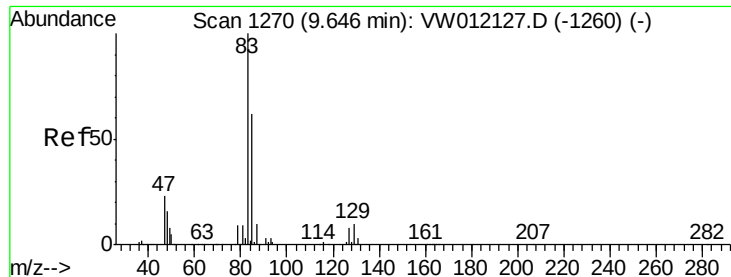
Tgt Ion: 63 Resp: 143778
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 45.452 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 93 Resp: 64781
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.2 100.8
 174 97.0 79.0 118.6





#47

Bromodichloromethane

Concen: 44.945 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

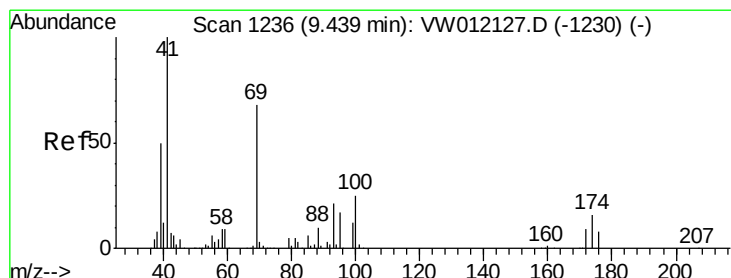
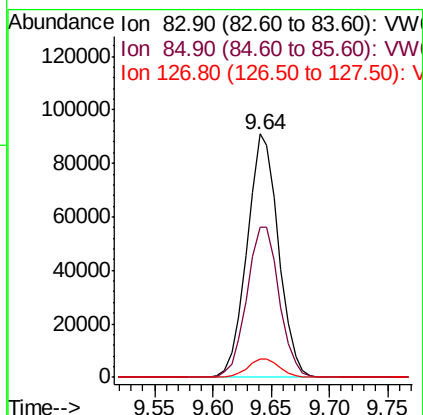
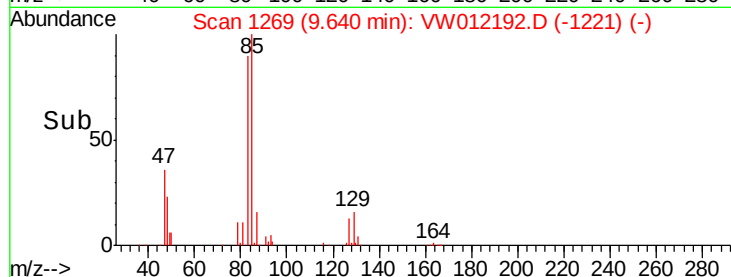
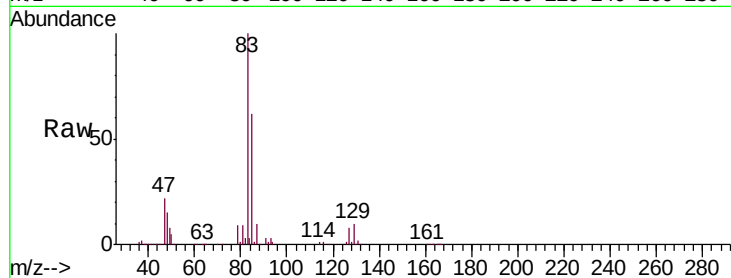
Tgt Ion: 83 Resp: 170484

Ion Ratio Lower Upper

83 100

85 61.5 49.4 74.2

127 7.8 6.1 9.1



#48

Methyl methacrylate

Concen: 57.442 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

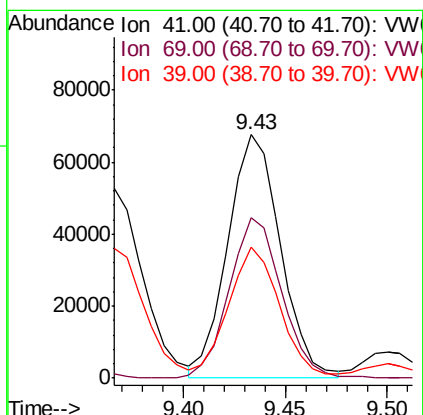
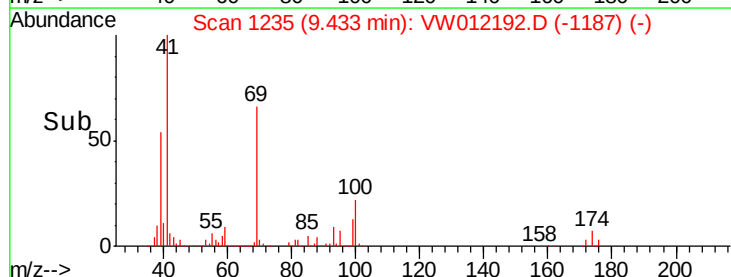
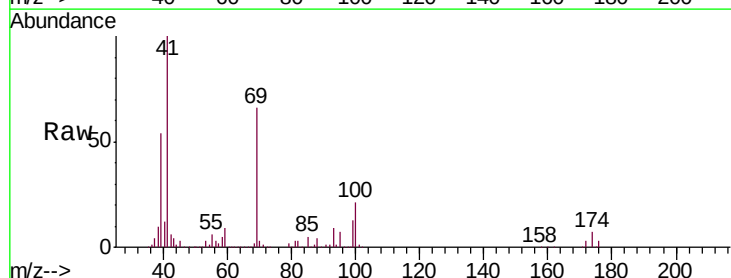
Tgt Ion: 41 Resp: 120964

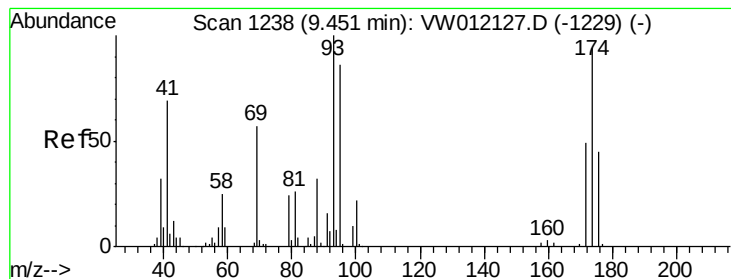
Ion Ratio Lower Upper

41 100

69 65.8 56.7 85.1

39 52.5 42.0 63.0





#49

1,4-Dioxane

Concen: 1014.715 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

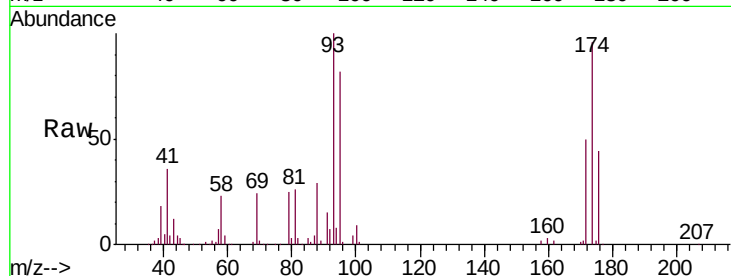
Tgt Ion: 88 Resp: 22140

Ion Ratio Lower Upper

88 100

43 39.6 32.9 49.3

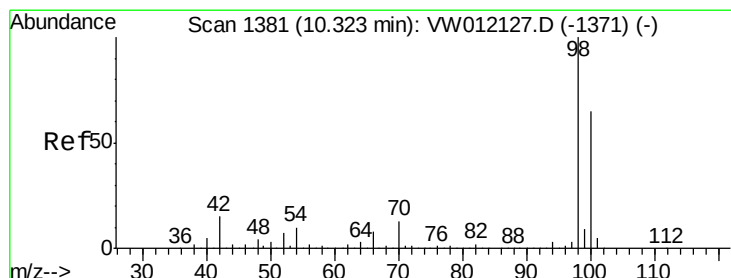
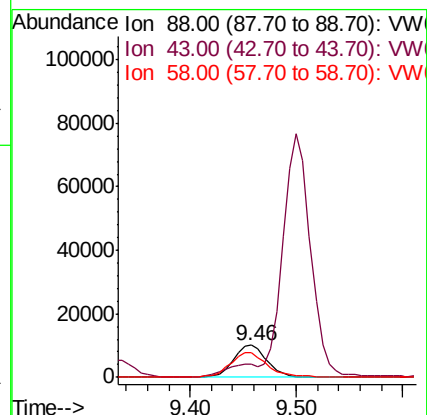
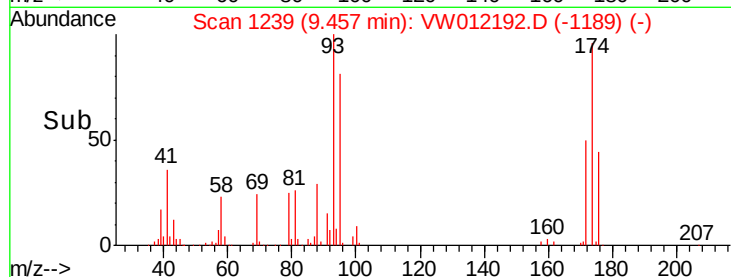
58 87.4 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 40.946 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012192.D

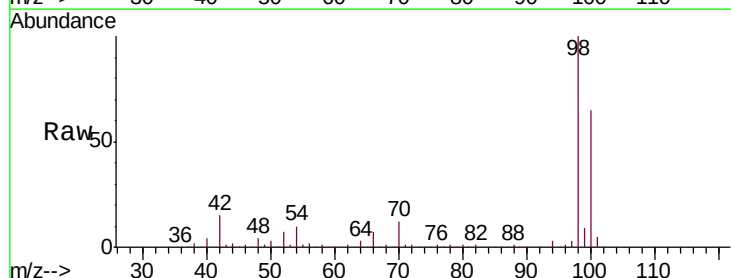
Acq: 27 Aug 2019 00:41

Tgt Ion: 98 Resp: 418017

Ion Ratio Lower Upper

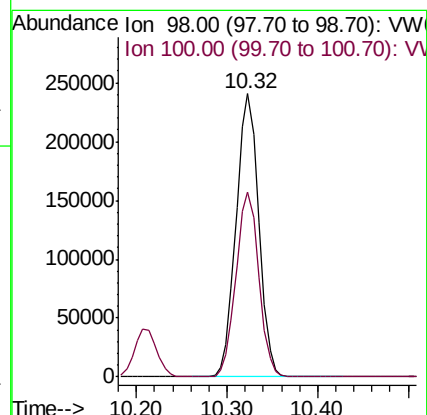
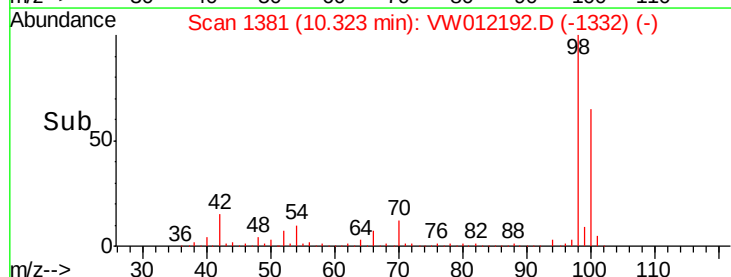
98 100

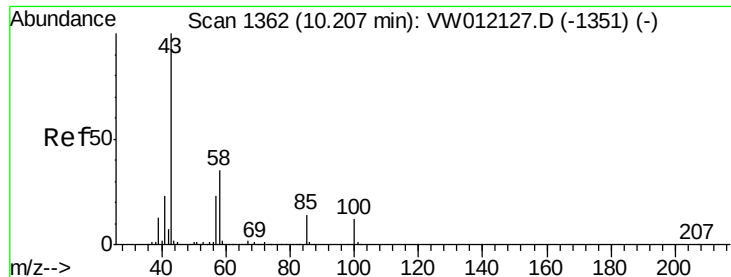
100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

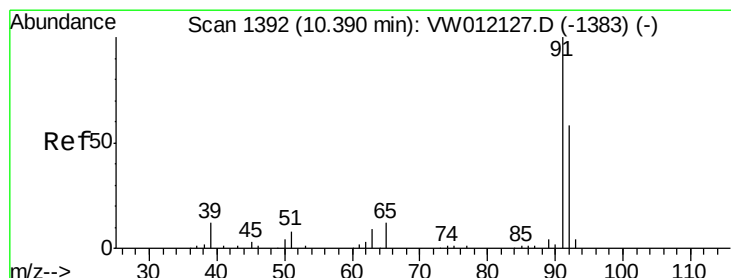
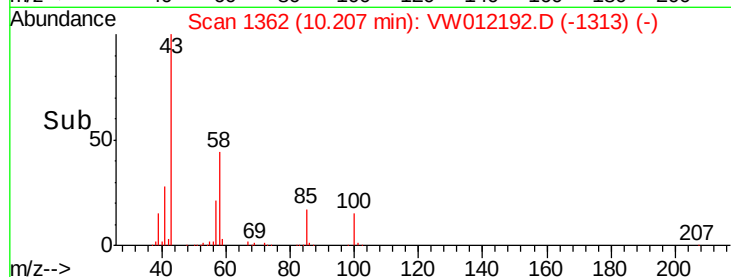
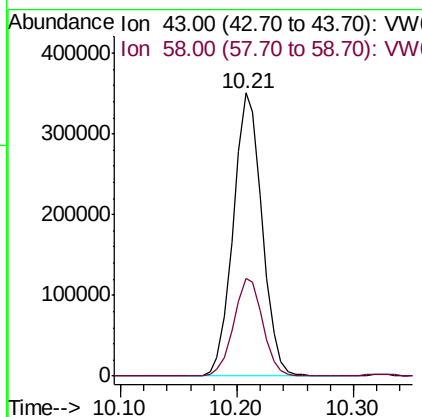
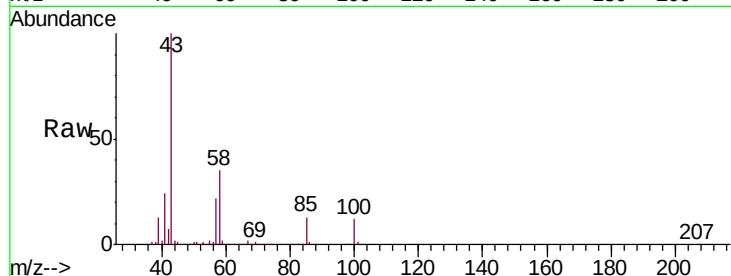




#51
 4-Methyl-2-Pentanone
 Concen: 268.768 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

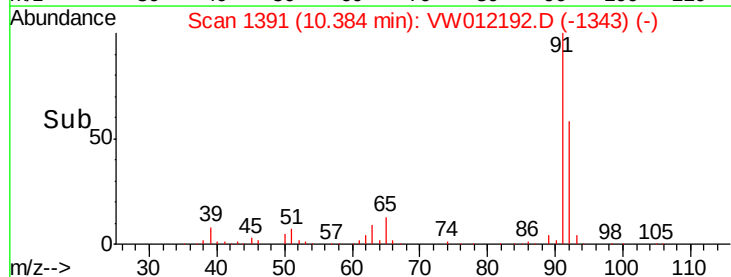
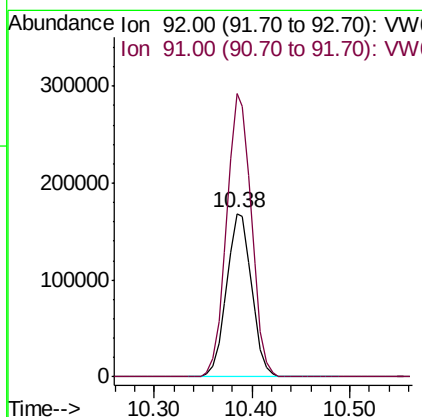
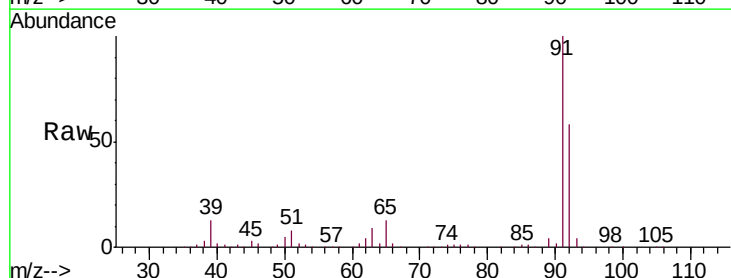
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

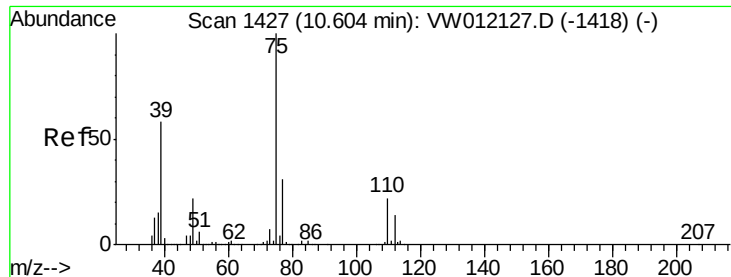
Tgt Ion: 43 Resp: 604850
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 41.759 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 92 Resp: 298595
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 39.270 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

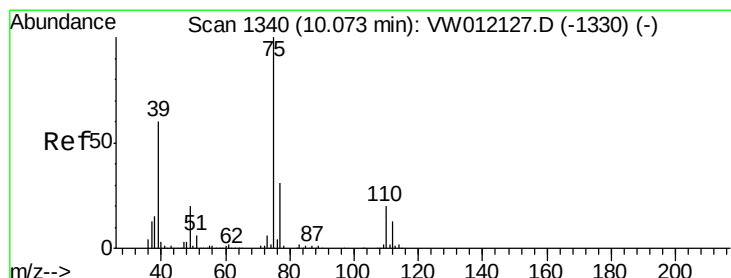
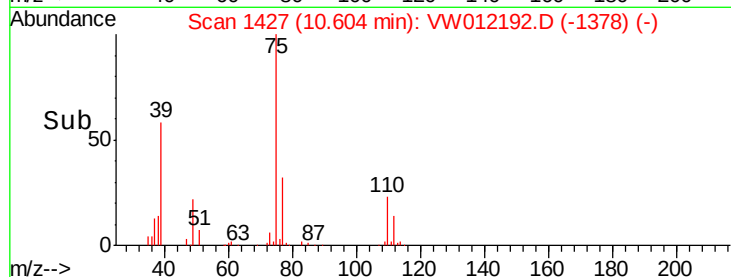
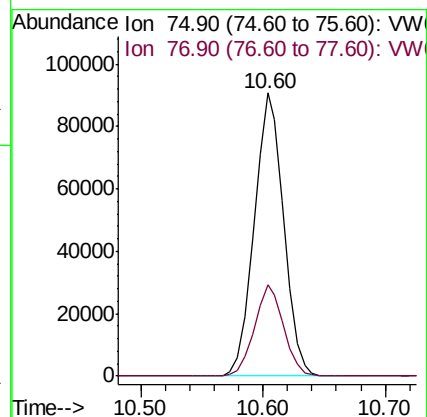
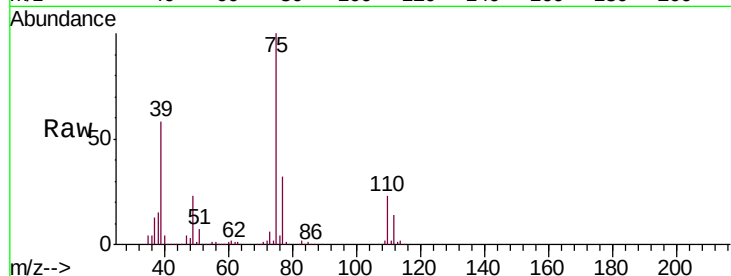
S602-M-1.0-1.5-082319MS

Tgt Ion: 75 Resp: 151732

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 40.839 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

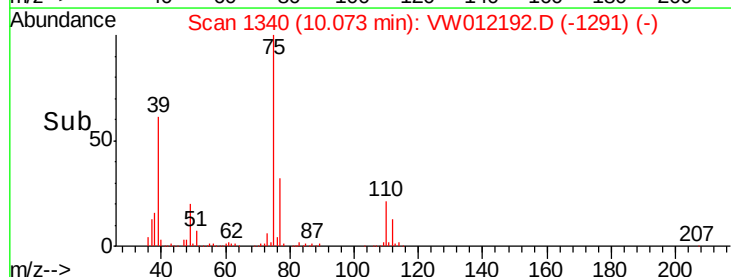
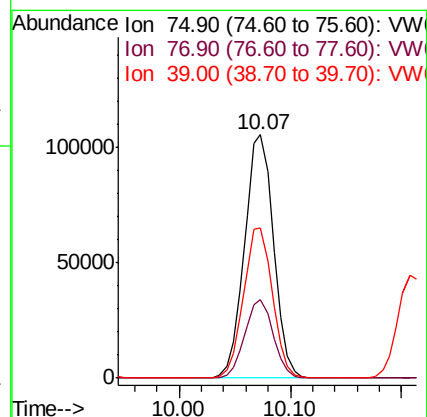
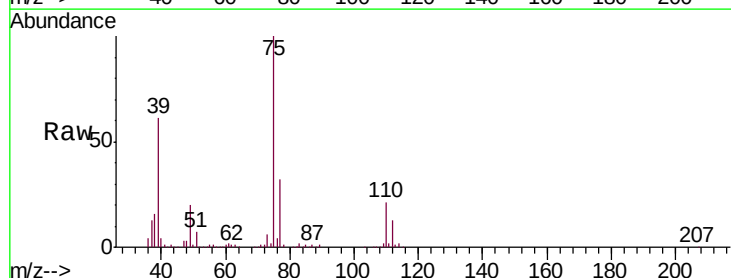
Tgt Ion: 75 Resp: 190529

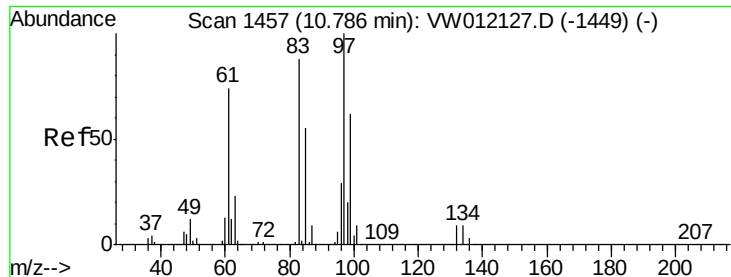
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 61.3 48.3 72.5

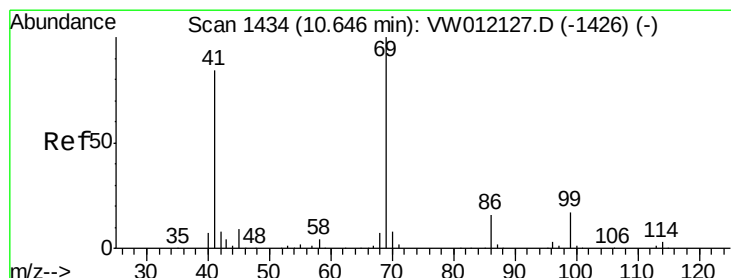
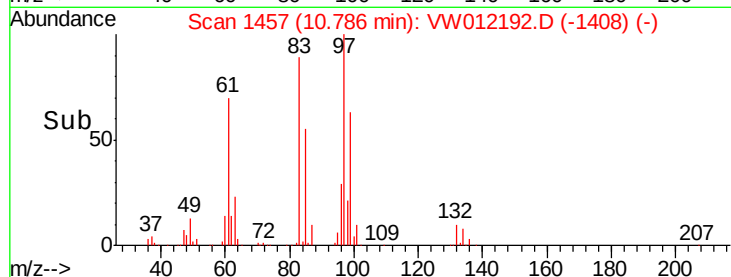
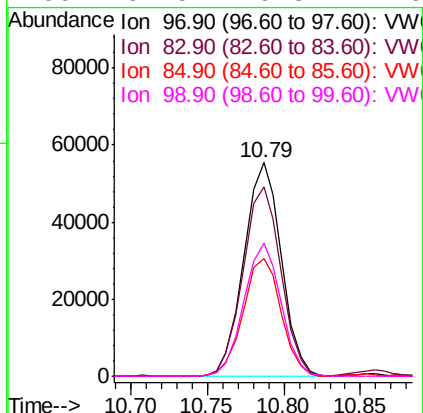
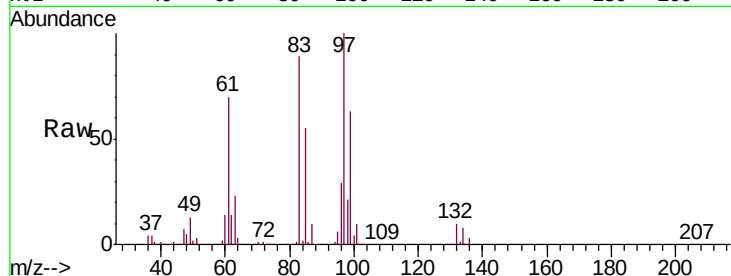




#55
 1,1,2-Trichloroethane
 Concen: 46.746 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

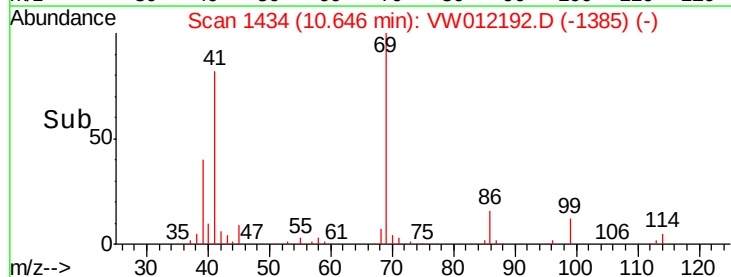
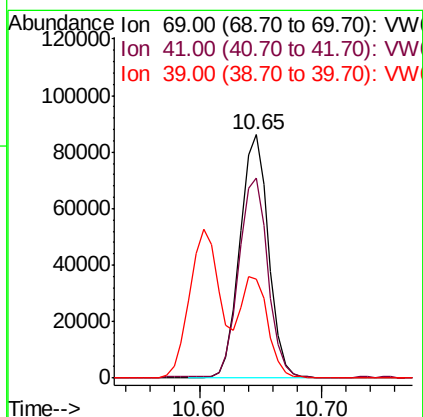
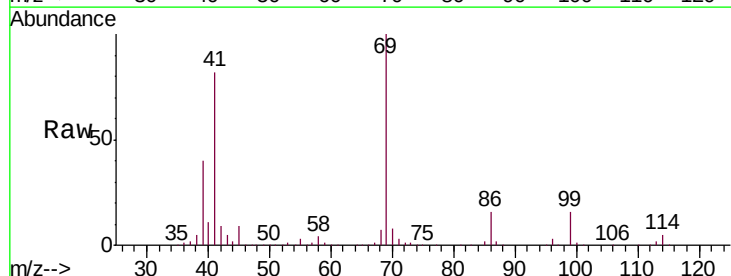
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

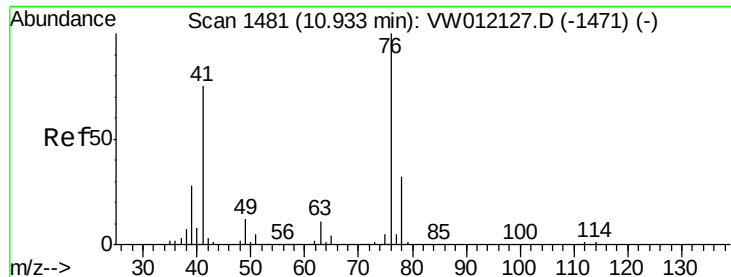
Tgt Ion:	97	Resp:	94266
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.8	106.2
85	55.3	43.8	65.8
99	62.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 47.449 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion:	69	Resp:	139257
Ion	Ratio	Lower	Upper
69	100		
41	84.3	66.5	99.7
39	38.1	31.0	46.4

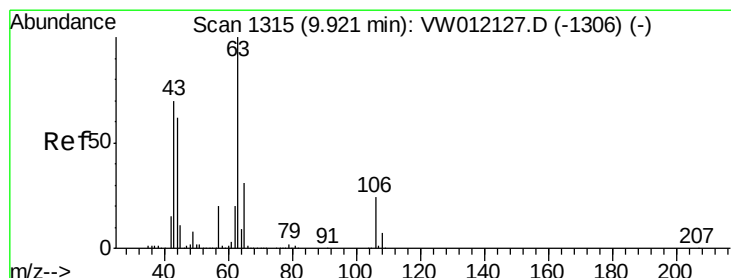
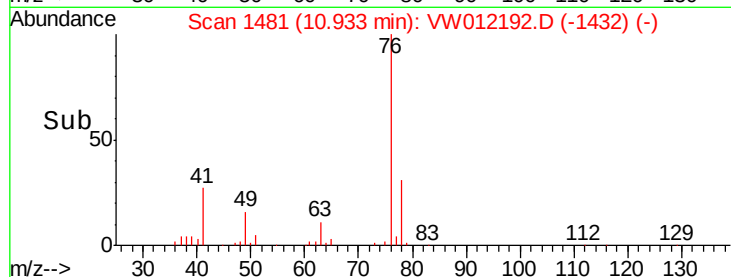
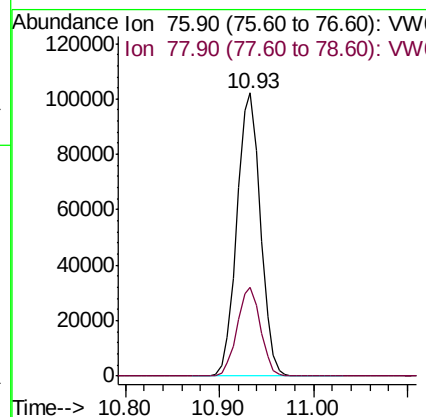
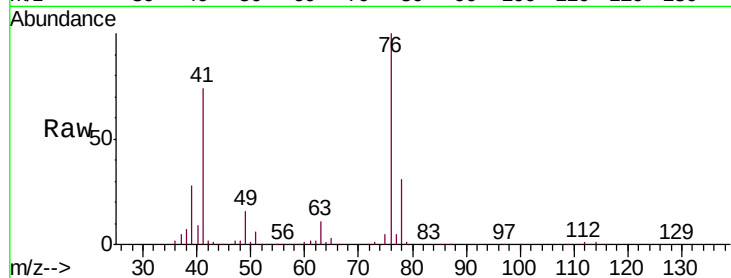




#57
 1,3-Dichloropropane
 Concen: 46.375 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

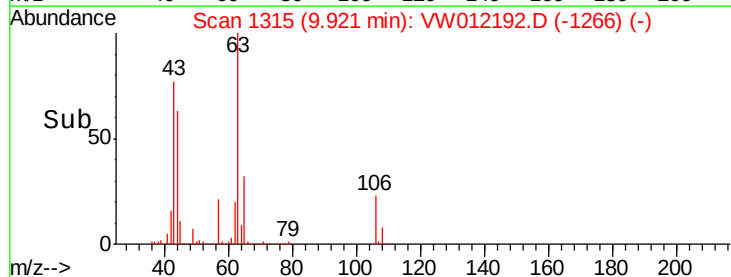
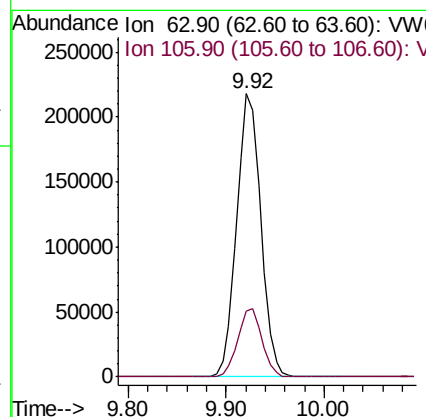
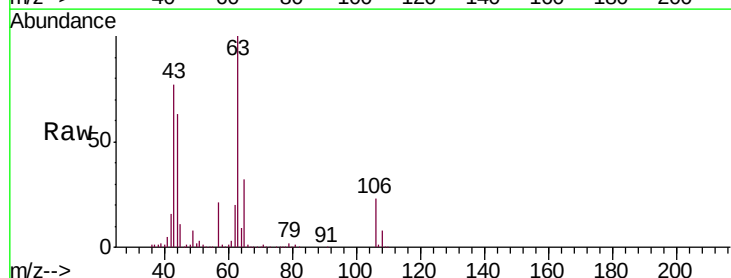
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

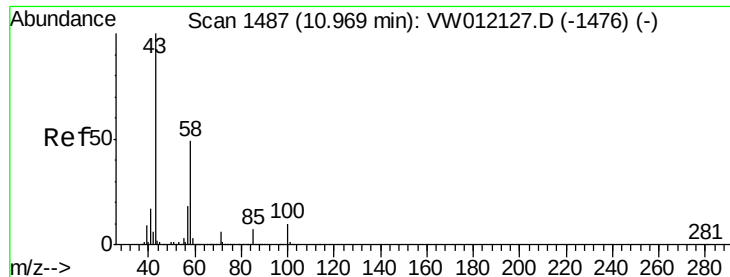
Tgt Ion: 76 Resp: 176723
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.451 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 63 Resp: 374231
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.8 29.8

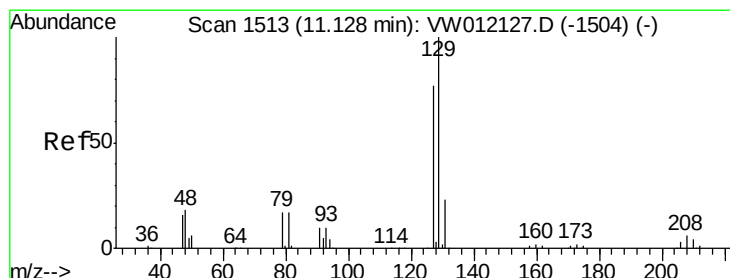
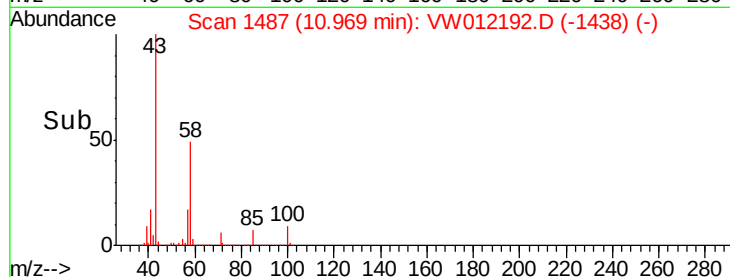
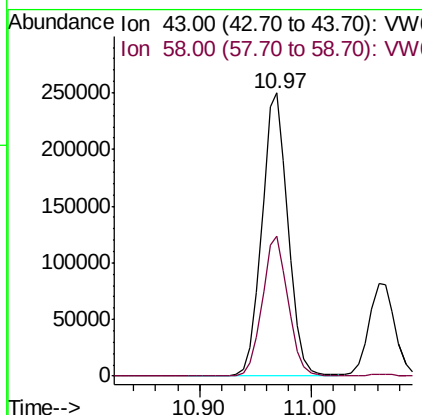
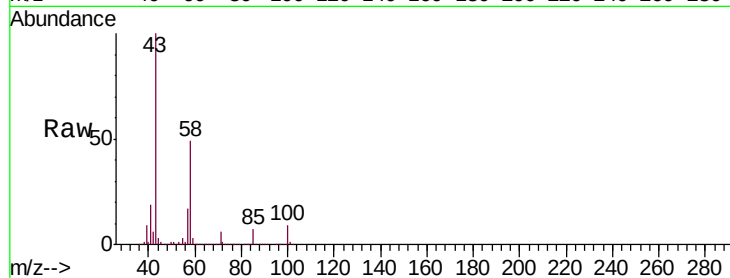




#59
2-Hexanone
Concen: 255.915 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

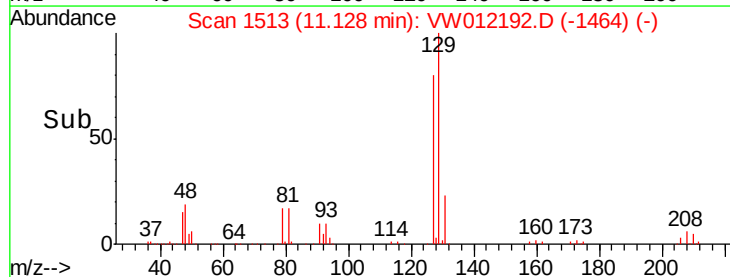
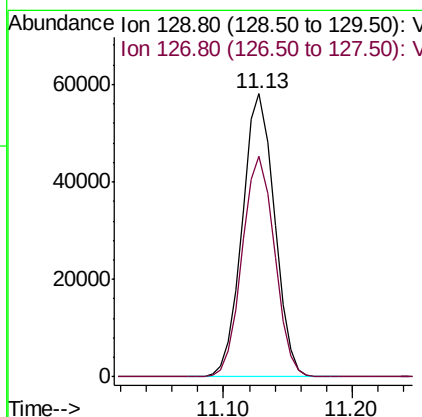
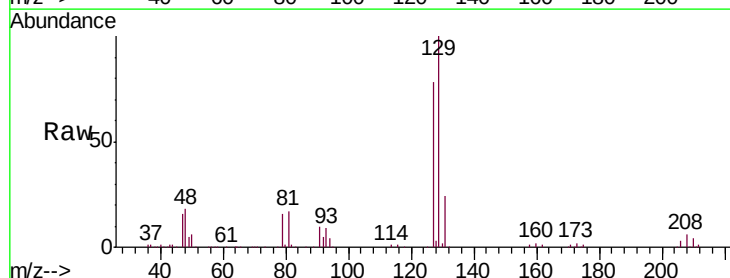
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

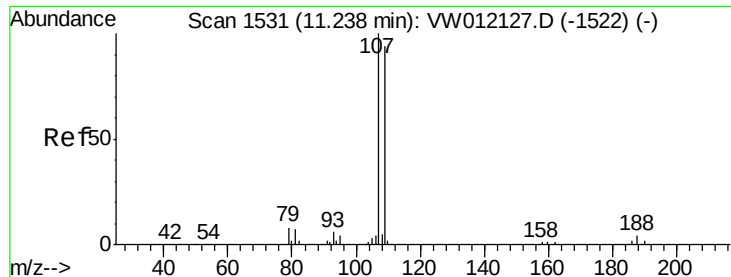
Tgt Ion: 43 Resp: 407503
Ion Ratio Lower Upper
43 100
58 48.9 24.3 72.9



#60
Dibromochloromethane
Concen: 44.734 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 129 Resp: 100476
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

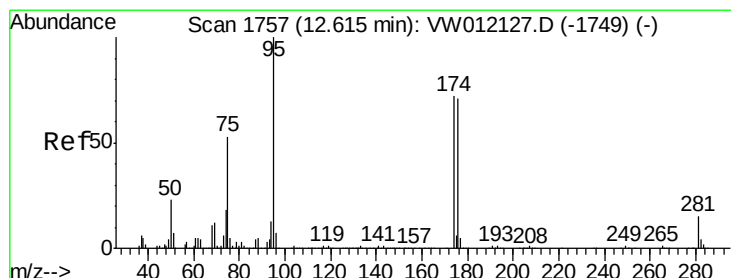
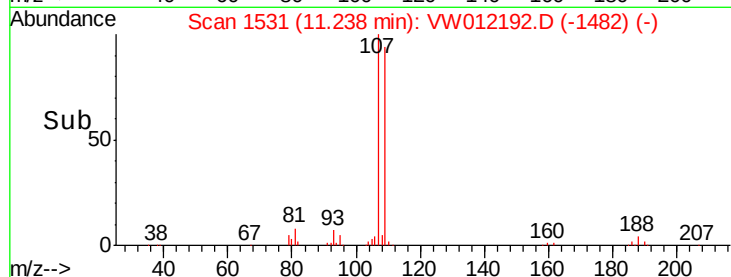
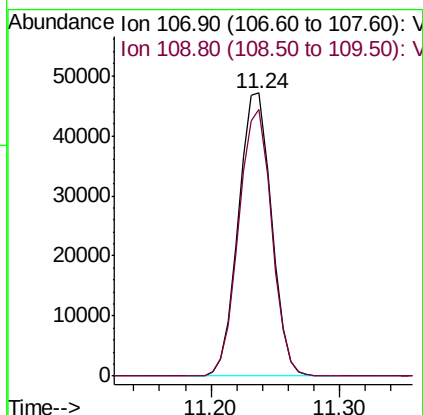
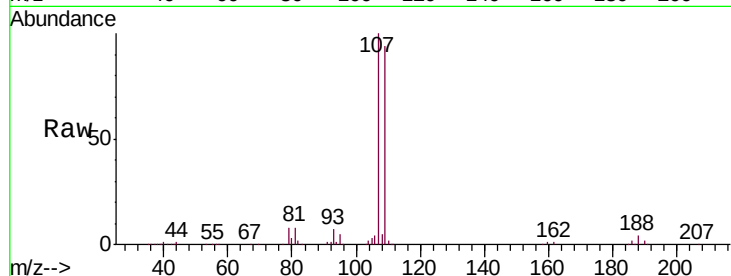




#61
 1,2-Dibromoethane
 Concen: 44.670 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

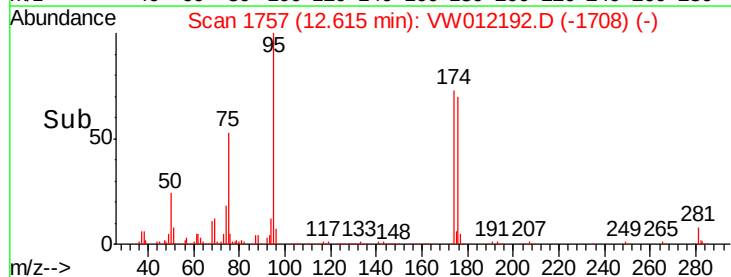
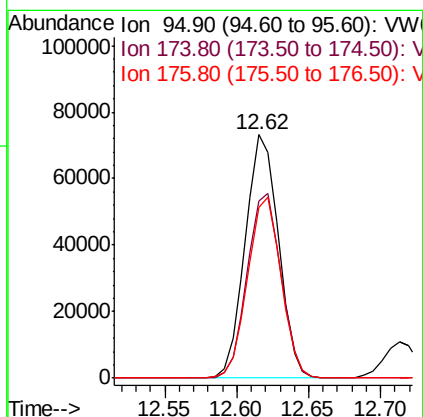
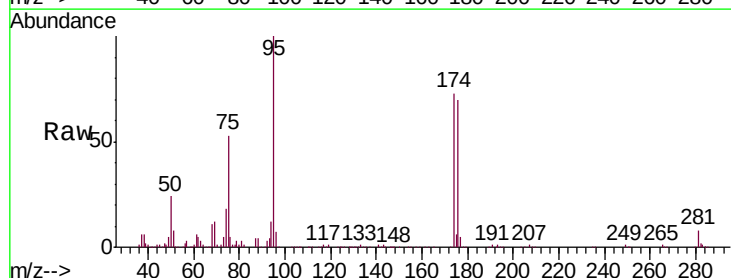
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

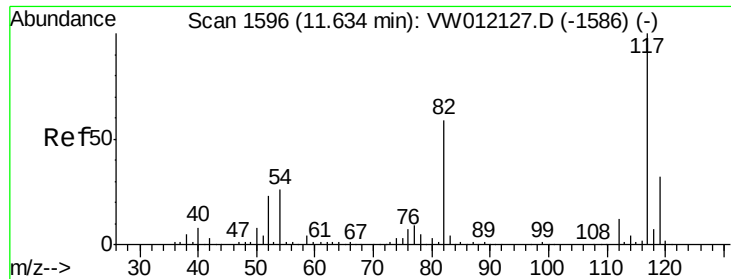
Tgt Ion: 107 Resp: 83919
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 32.634 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 95 Resp: 117441
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.8
 176 74.2 0.0 148.6

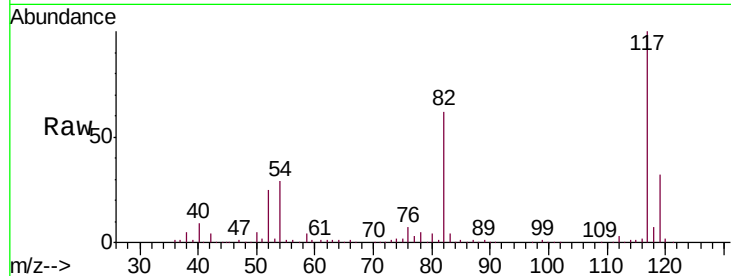




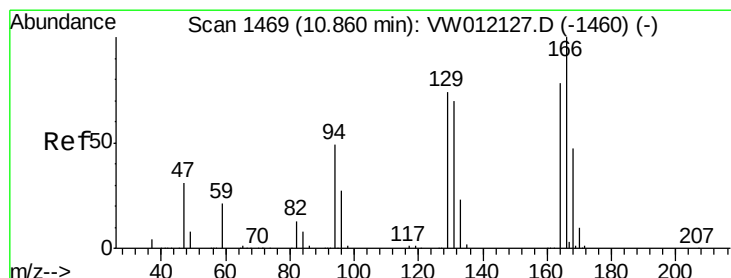
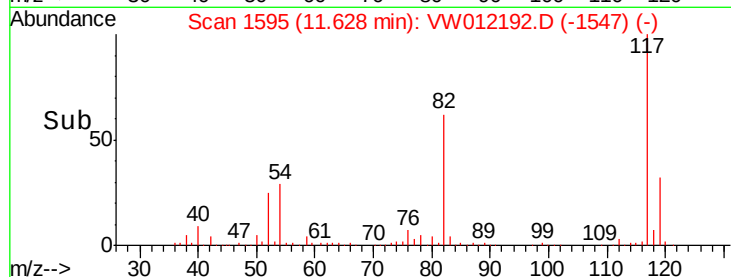
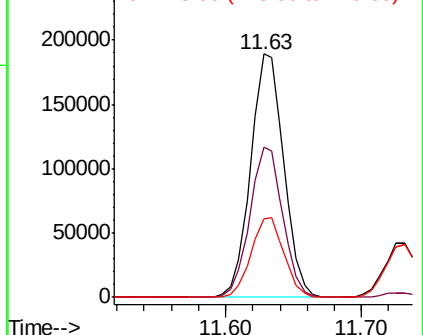
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tgt Ion:117 Resp: 323284
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 32.3 25.4 38.2

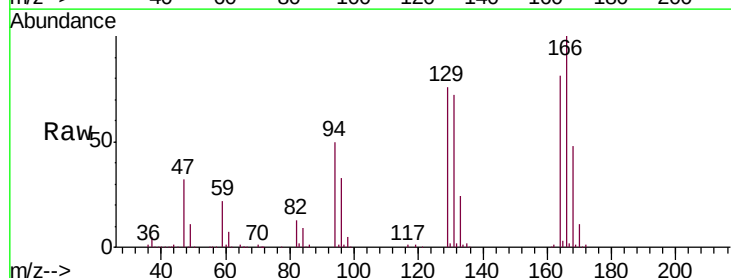


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

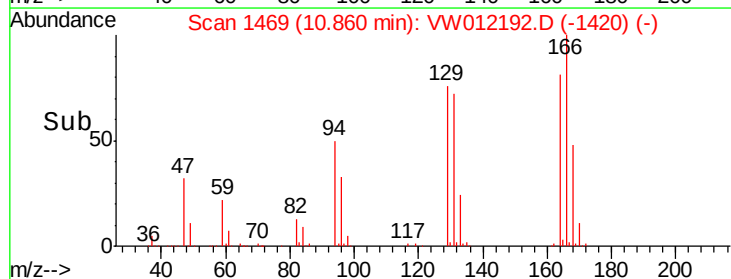
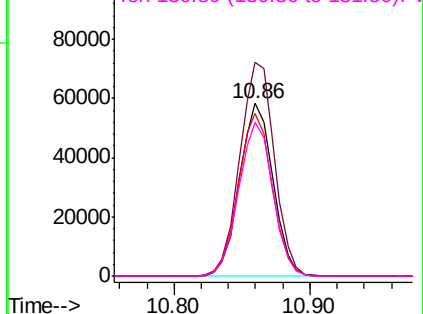


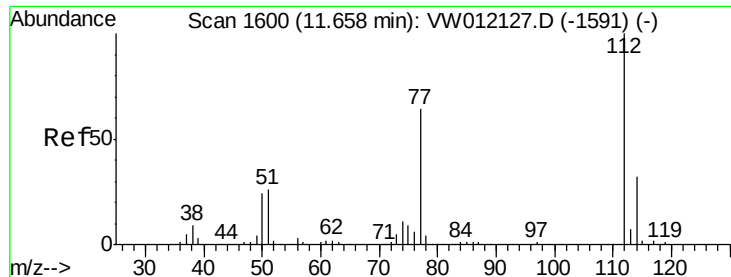
#64
Tetrachloroethene
Concen: 47.813 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion:164 Resp: 100213
Ion Ratio Lower Upper
164 100
166 123.8 102.4 153.6
129 94.4 75.8 113.6
131 89.4 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

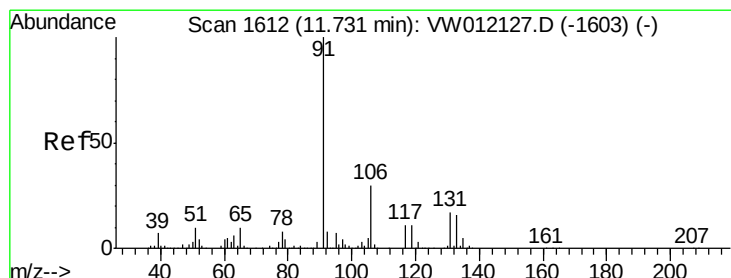
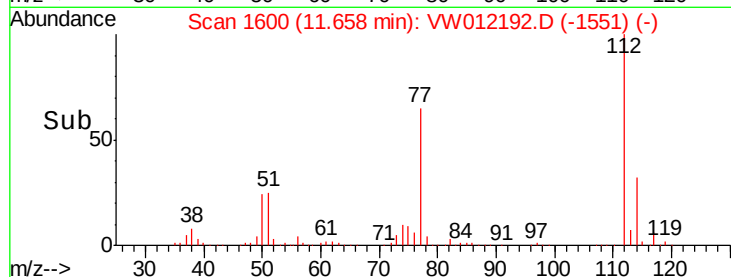
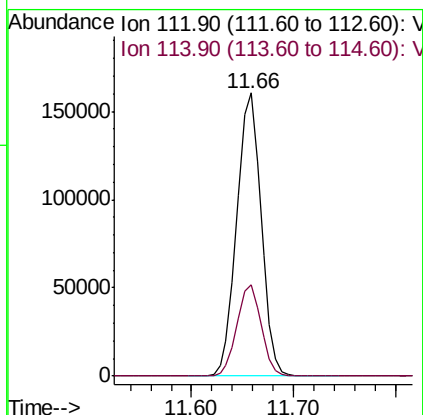
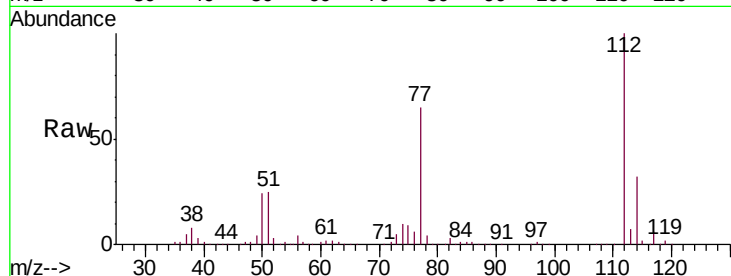




#65
Chlorobenzene
Concen: 41.645 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

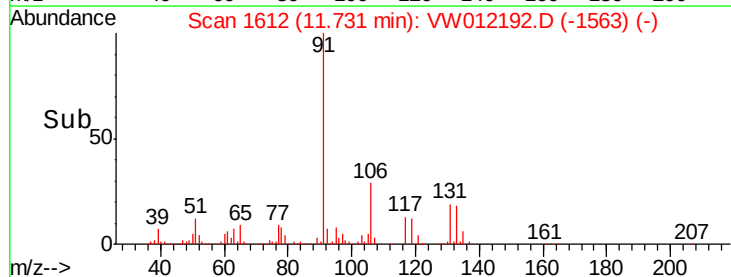
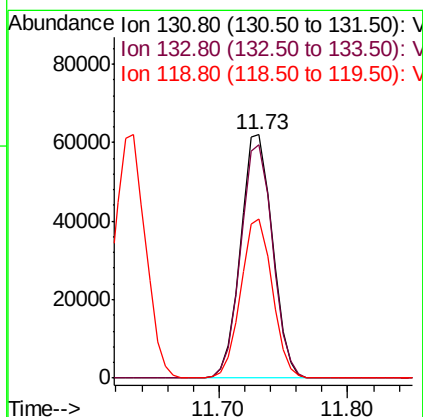
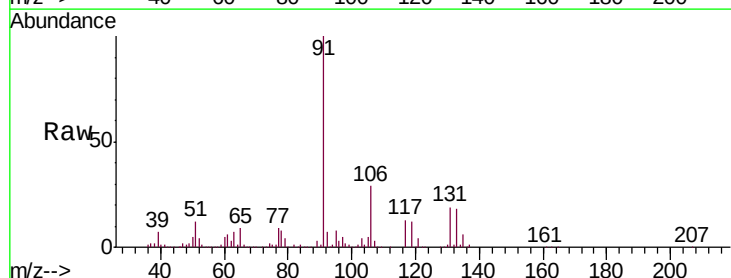
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

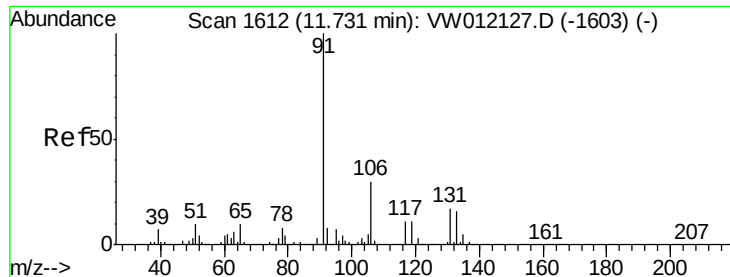
Tgt Ion:112 Resp: 265099
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.736 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion:131 Resp: 106009
Ion Ratio Lower Upper
131 100
133 96.5 47.1 141.3
119 64.9 31.8 95.3

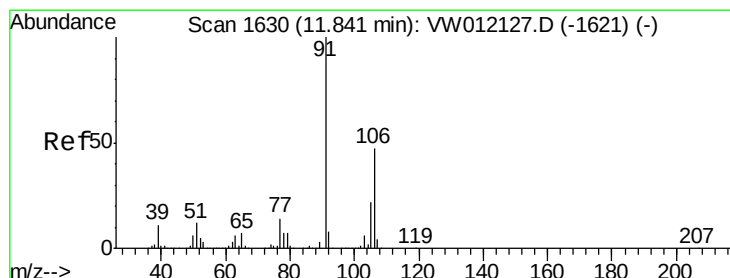
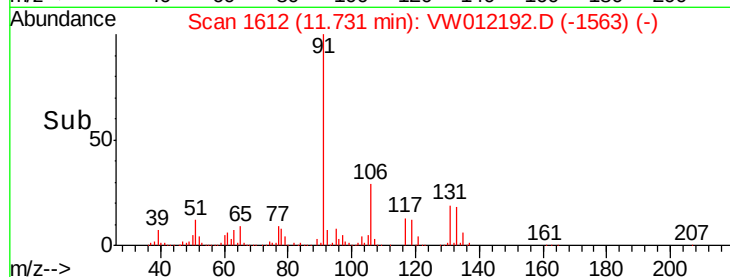
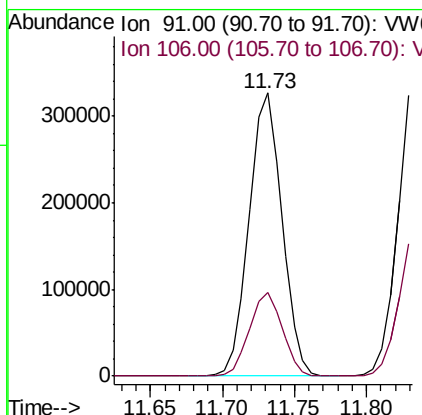
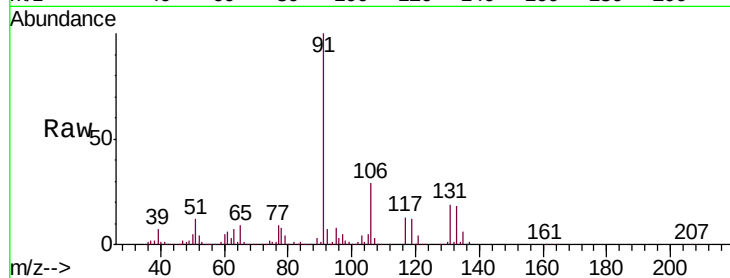




#67
Ethyl Benzene
Concen: 42.122 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

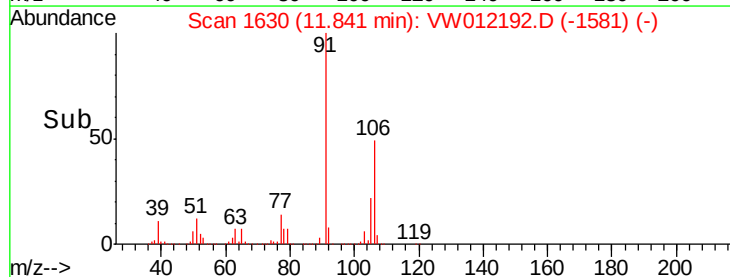
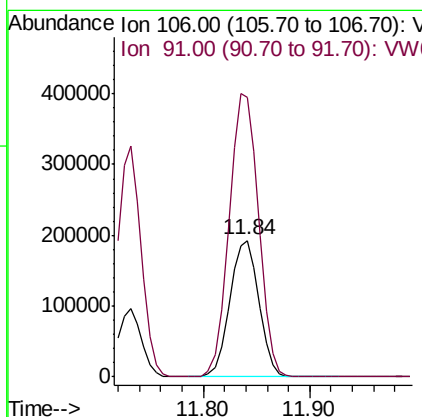
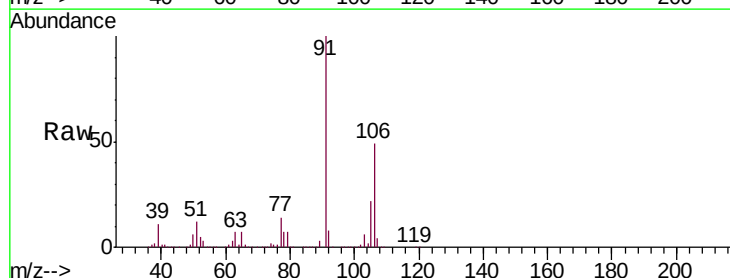
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

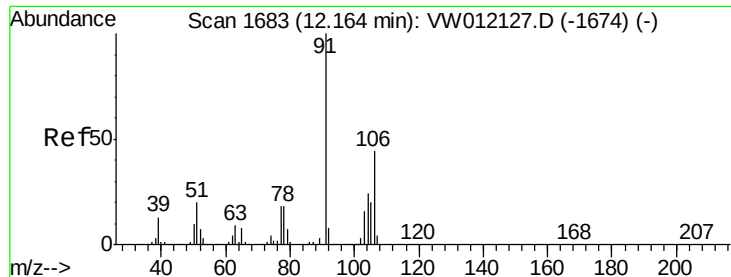
Tgt Ion: 91 Resp: 516521
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5



#68
m/p-Xylenes
Concen: 83.195 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 106 Resp: 367479
Ion Ratio Lower Upper
106 100
91 210.2 169.5 254.3

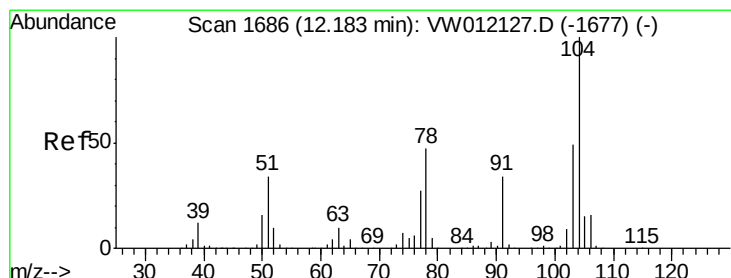
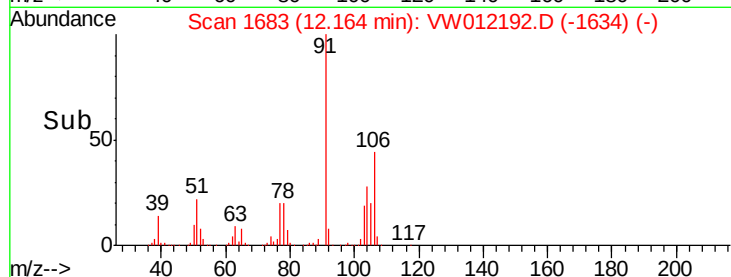
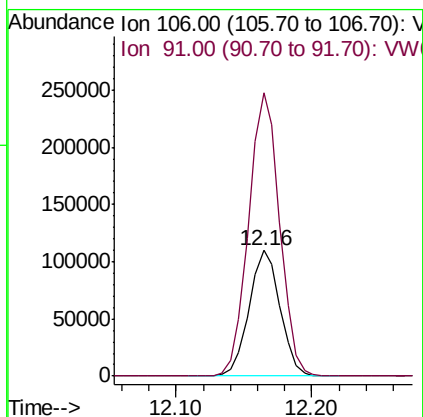
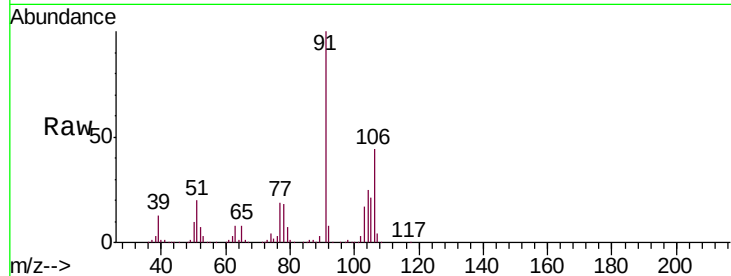




#69
o-Xylene
Concen: 43.035 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

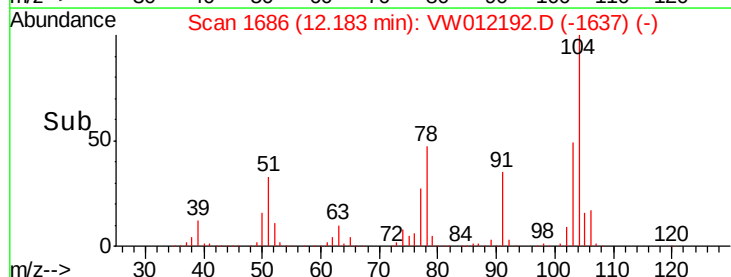
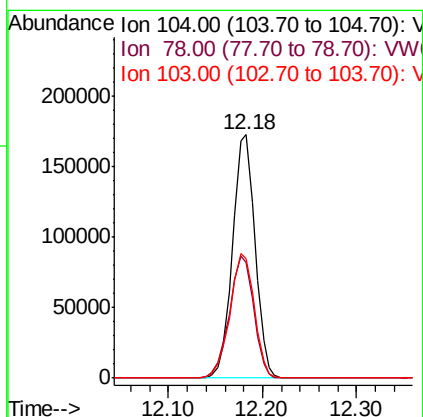
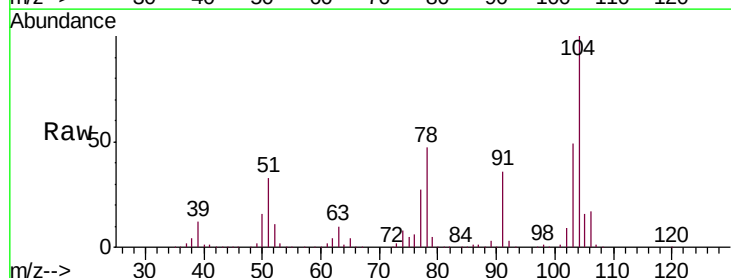
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

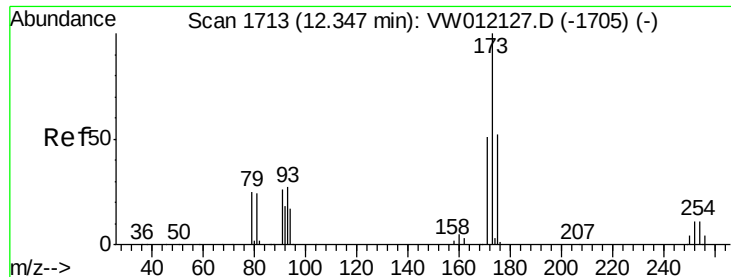
Tgt Ion:106 Resp: 175935
Ion Ratio Lower Upper
106 100
91 225.4 111.6 334.6



#70
Styrene
Concen: 40.394 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion:104 Resp: 285836
Ion Ratio Lower Upper
104 100
78 54.4 43.1 64.7
103 55.5 43.5 65.3





#71

Bromoform

Concen: 49.632 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

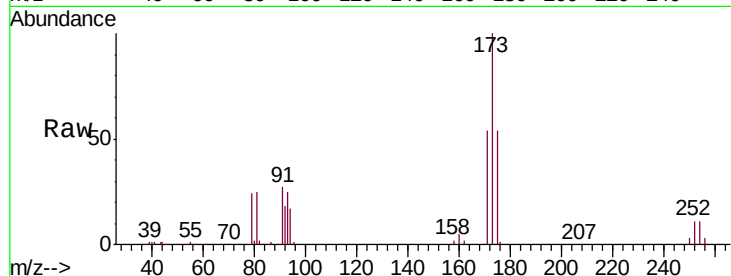
Tgt Ion:173 Resp: 54915

Ion Ratio Lower Upper

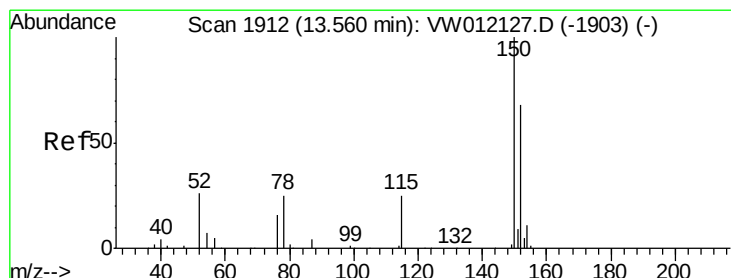
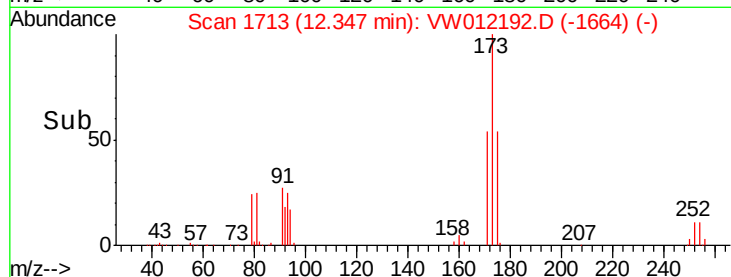
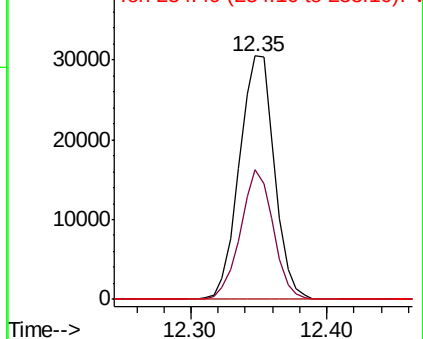
173 100

175 49.7 24.6 74.0

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

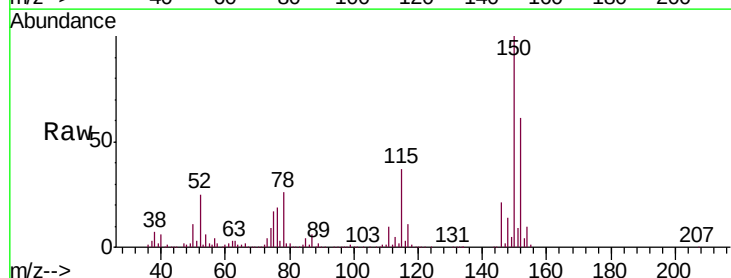
Tgt Ion:152 Resp: 108629

Ion Ratio Lower Upper

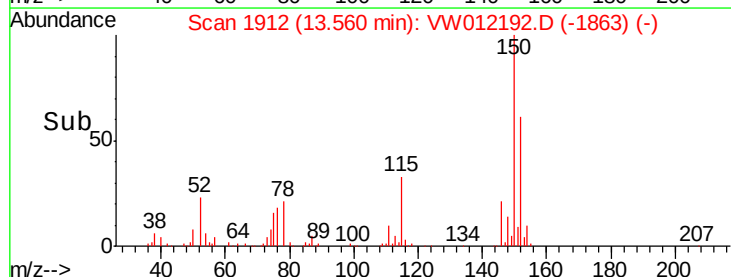
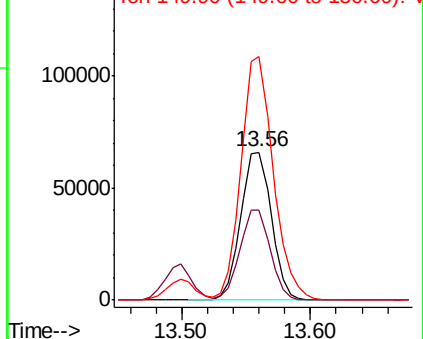
152 100

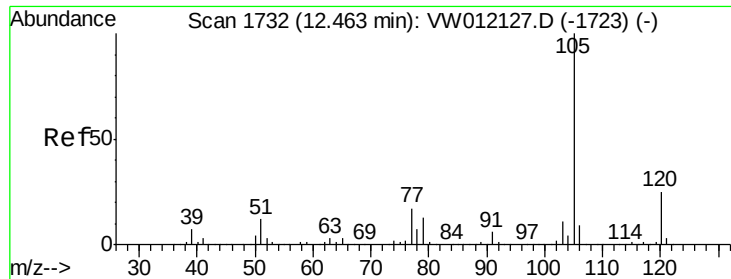
115 60.5 30.1 90.3

150 173.1 0.0 345.8



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

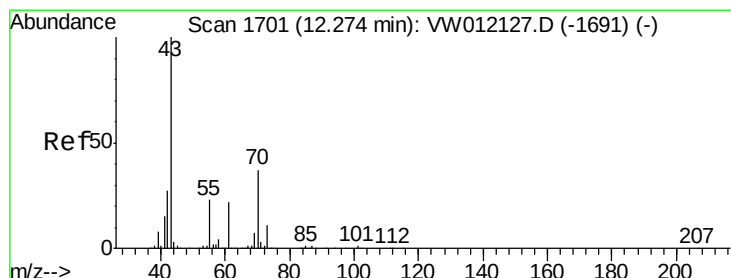
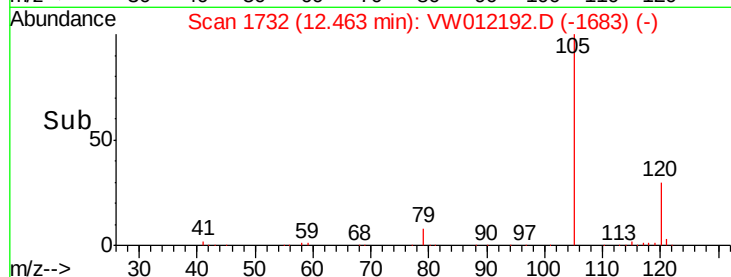
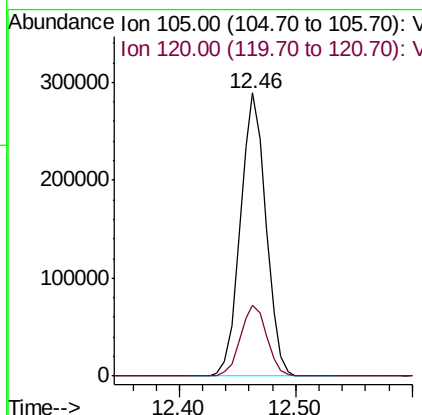
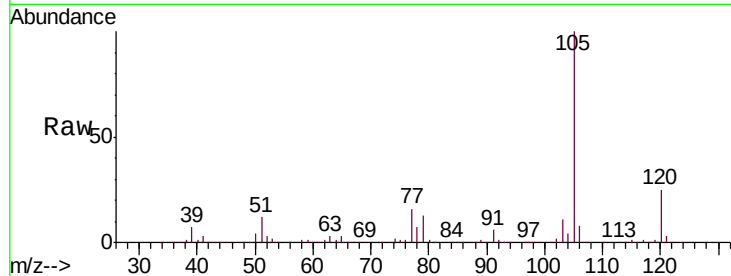




#73
Isopropylbenzene
Concen: 54.428 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

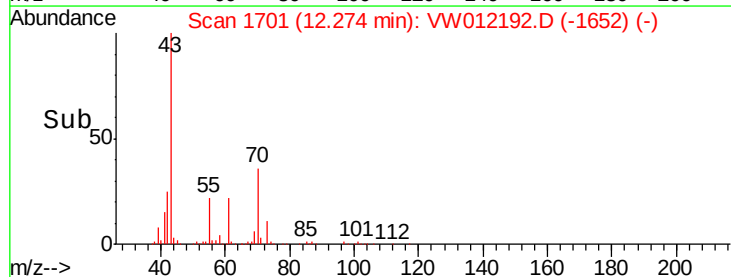
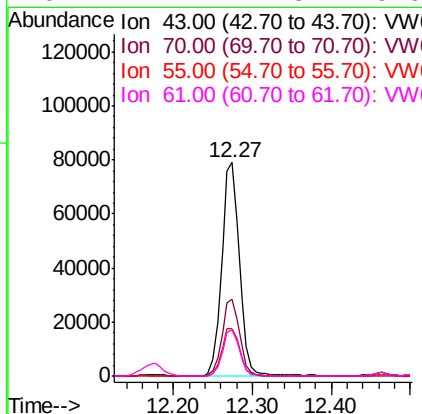
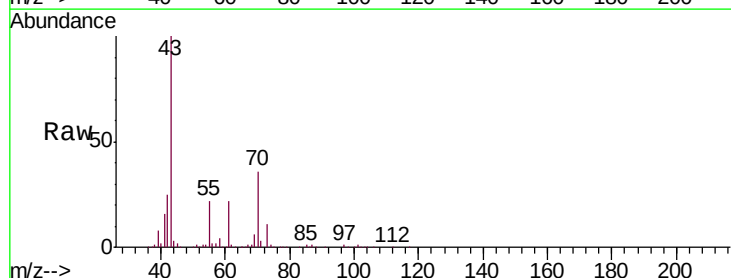
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

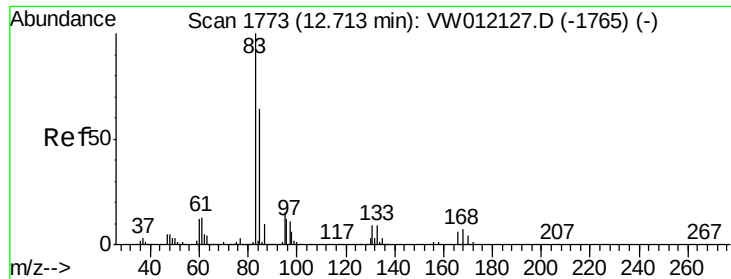
Tgt Ion:105 Resp: 443028
Ion Ratio Lower Upper
105 100
120 25.8 12.5 37.5



#74
N-amyl acetate
Concen: 49.699 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 43 Resp: 122221
Ion Ratio Lower Upper
43 100
70 35.7 28.6 43.0
55 22.8 17.8 26.6
61 21.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 72.923 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

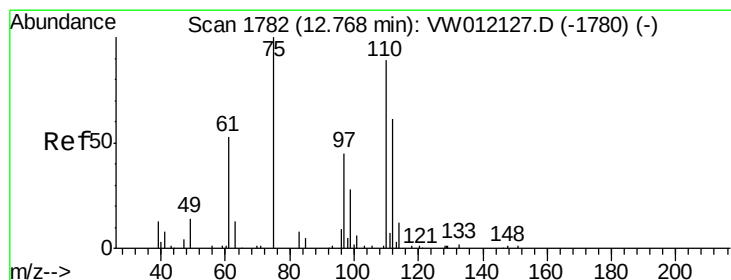
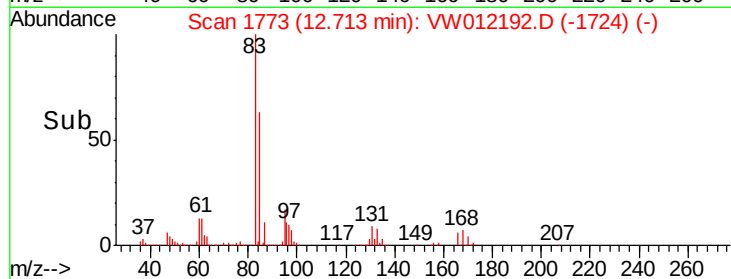
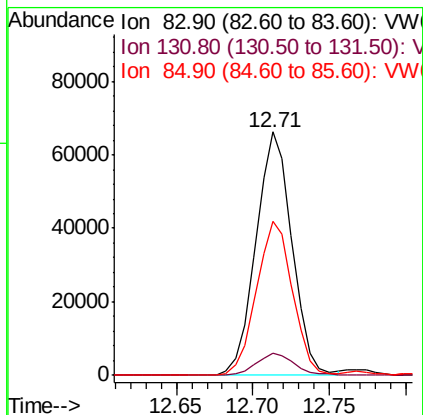
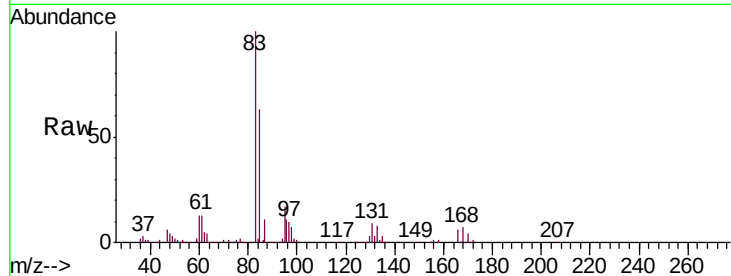
Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tgt Ion:	83	Resp:	108819
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	63.4	31.9	95.7



#76

1,2,3-Trichloropropane

Concen: 129.670 ug/l

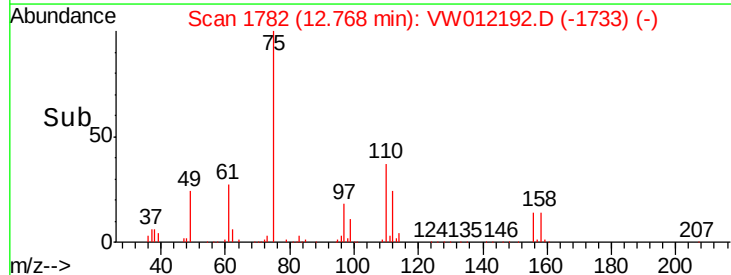
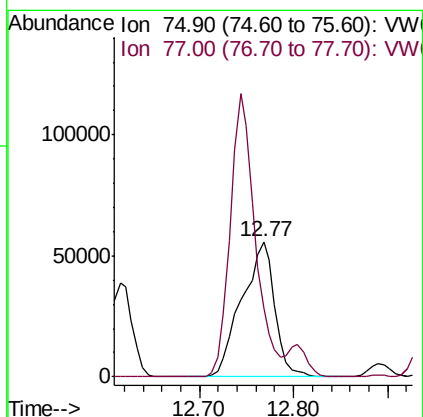
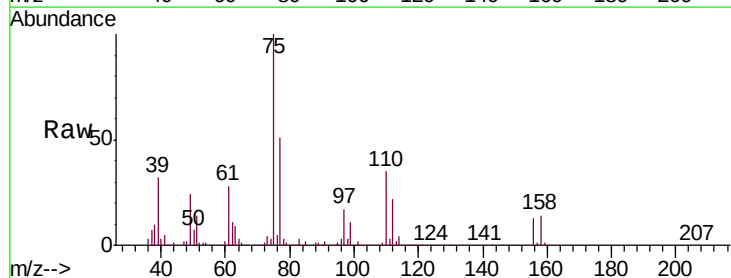
RT: 12.77 min Scan# 1782

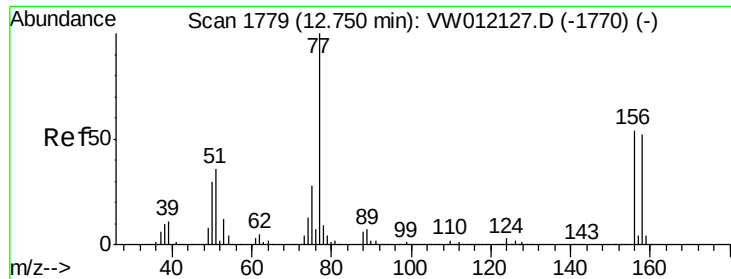
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	75	Resp:	137187
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

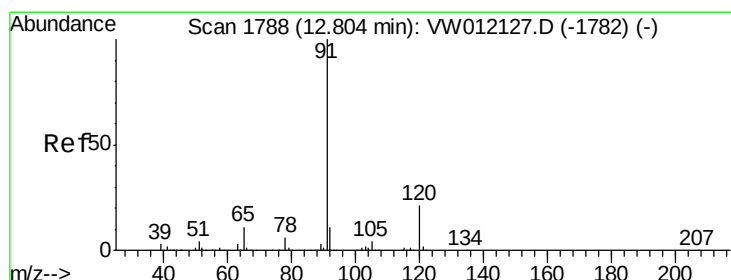
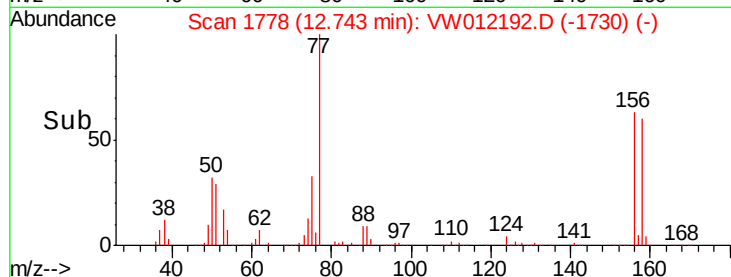
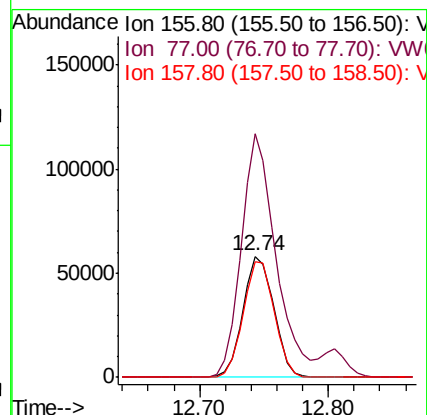
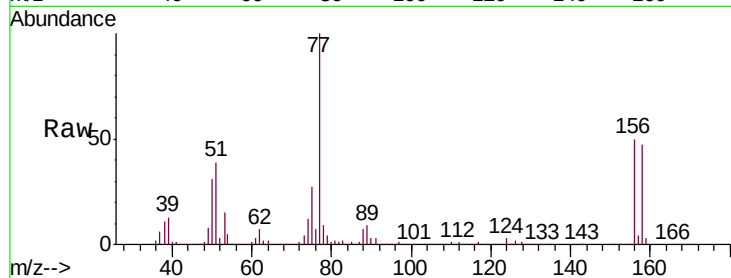




#77
Bromobenzene
Concen: 54.458 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

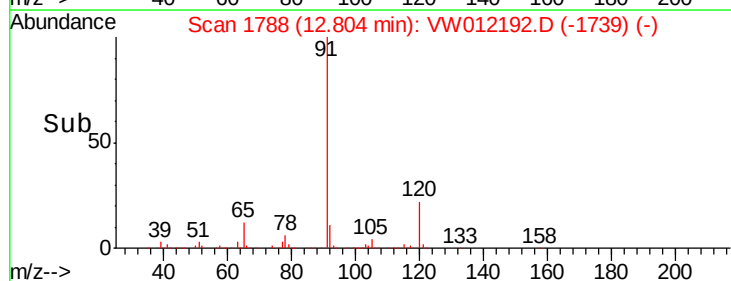
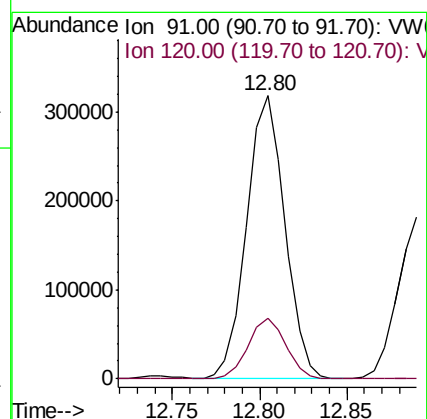
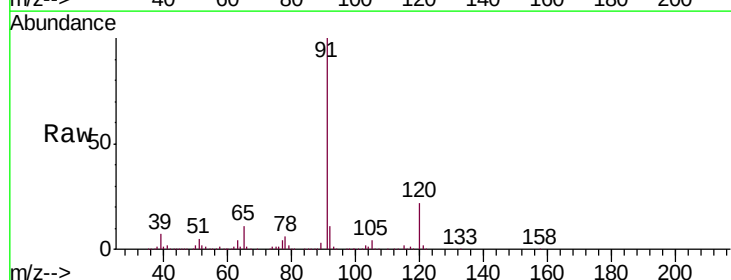
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

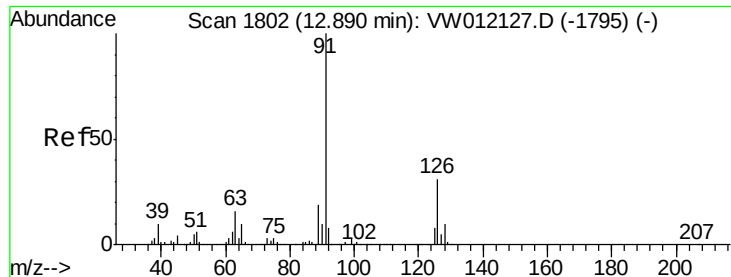
Tgt Ion: 156 Resp: 95897
Ion Ratio Lower Upper
156 100
77 224.8 107.3 321.8
158 96.6 49.0 147.0



#78
n-propylbenzene
Concen: 48.658 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 91 Resp: 483515
Ion Ratio Lower Upper
91 100
120 21.5 10.5 31.6





#79

2-Chlorotoluene

Concen: 51.864 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

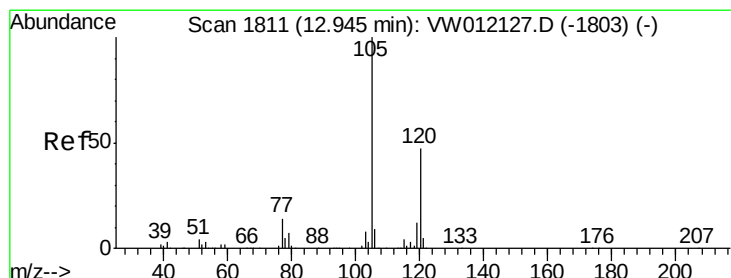
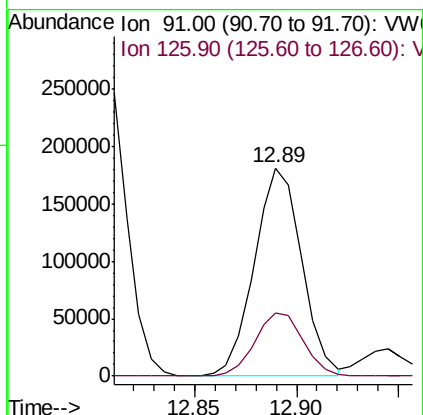
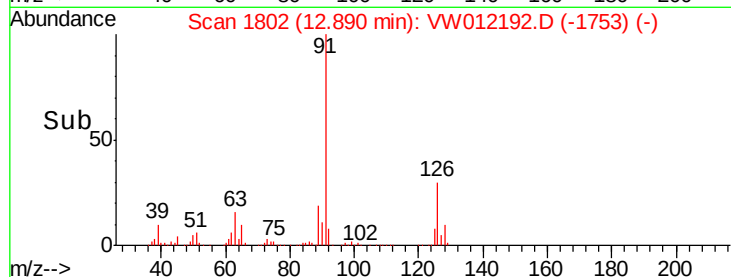
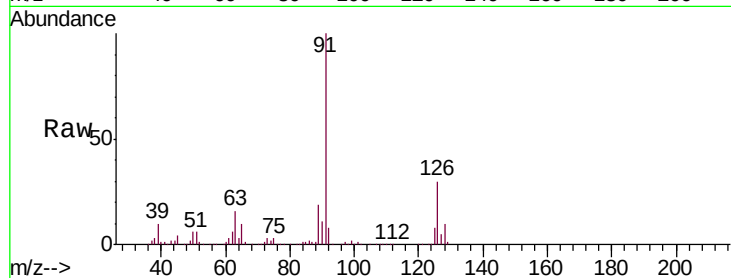
S602-M-1.0-1.5-082319MS

Tgt Ion: 91 Resp: 292598

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 50.106 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012192.D

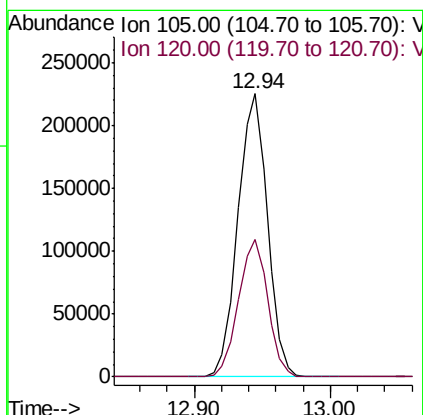
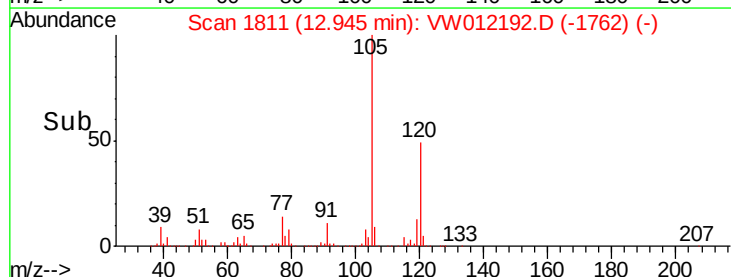
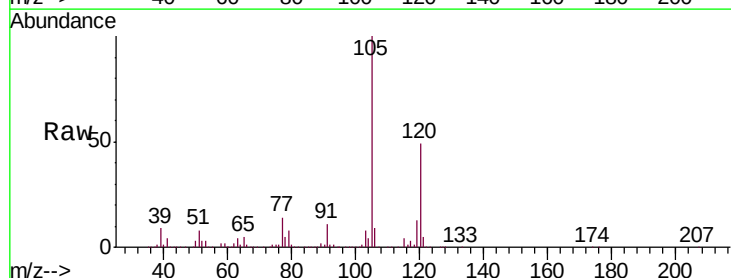
Acq: 27 Aug 2019 00:41

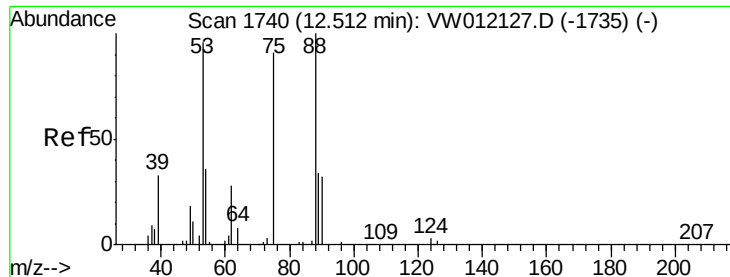
Tgt Ion: 105 Resp: 340796

Ion Ratio Lower Upper

105 100

120 48.3 24.0 72.0

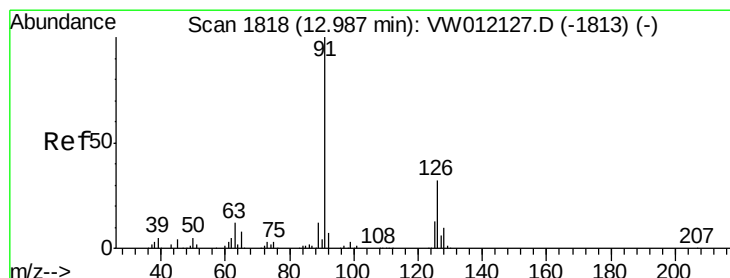
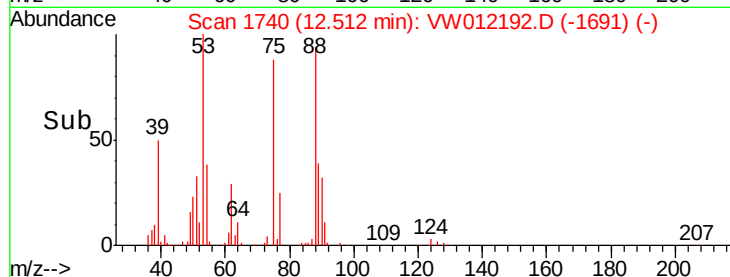
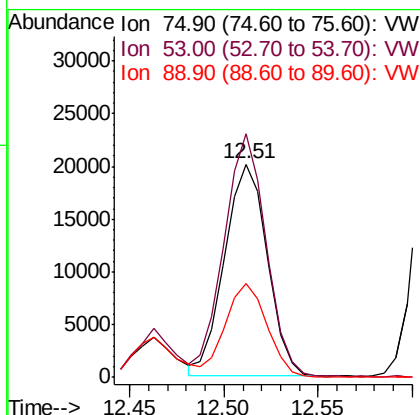
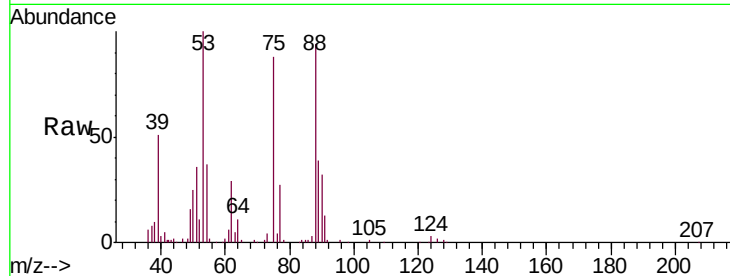




#81
trans-1,4-Dichloro-2-butene
Concen: 65.886 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

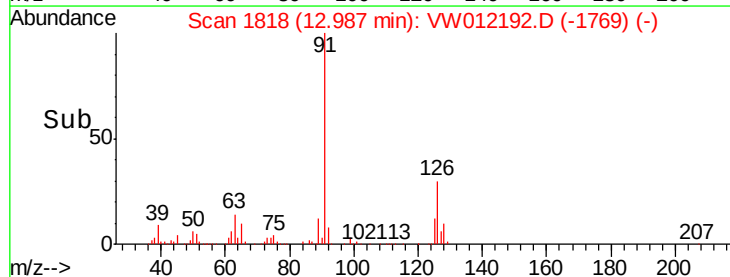
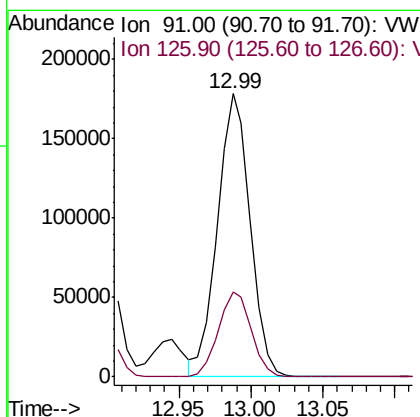
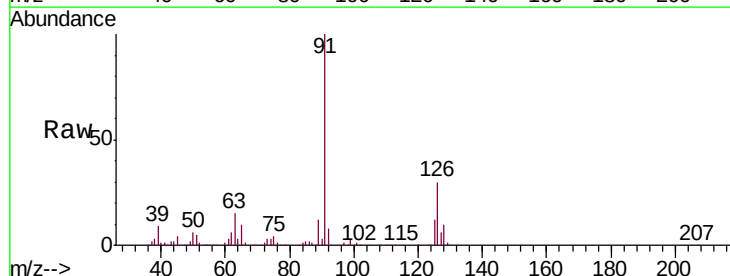
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

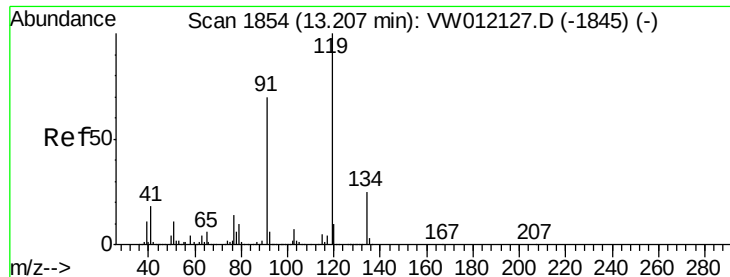
Tgt Ion: 75 Resp: 31792
Ion Ratio Lower Upper
75 100
53 113.2 89.4 134.0
89 43.0 34.5 51.7



#82
4-Chlorotoluene
Concen: 47.712 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 91 Resp: 281845
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 48.532 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

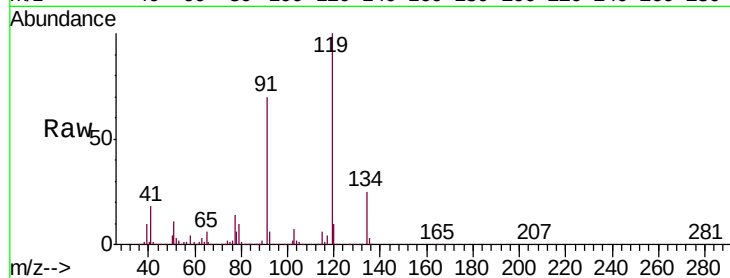
Tgt Ion:119 Resp: 279614

Ion Ratio Lower Upper

119 100

91 69.4 34.8 104.3

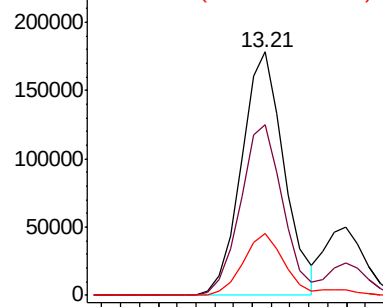
134 26.4 13.3 39.8



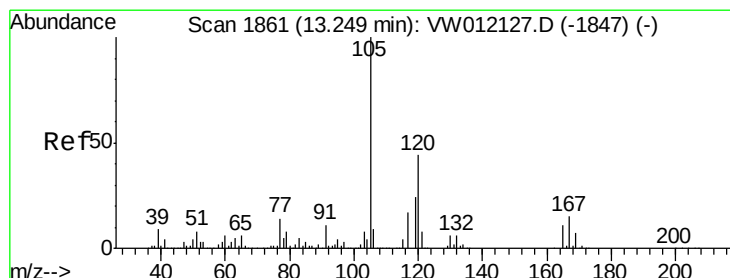
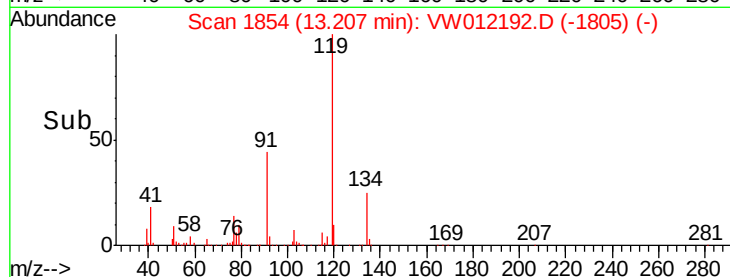
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 49.121 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012192.D

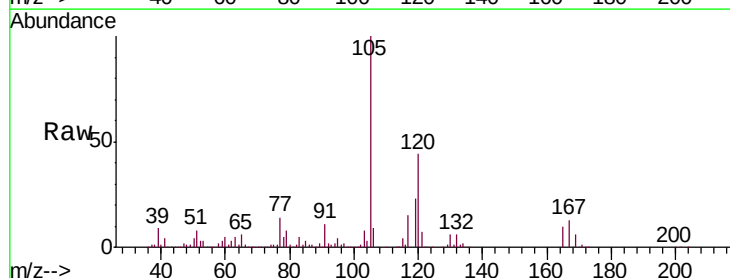
Acq: 27 Aug 2019 00:41

Tgt Ion:105 Resp: 335610

Ion Ratio Lower Upper

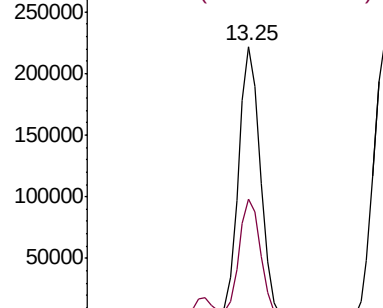
105 100

120 43.8 21.9 65.7

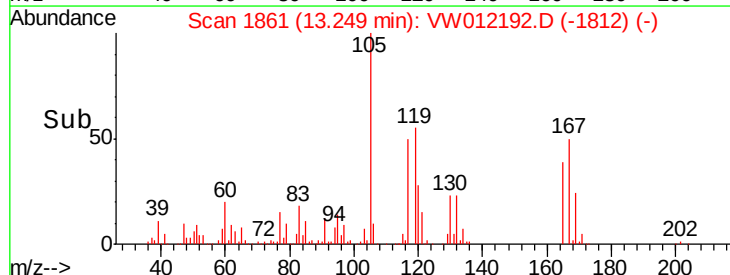


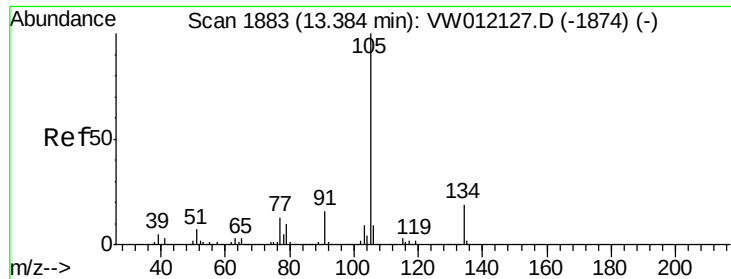
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

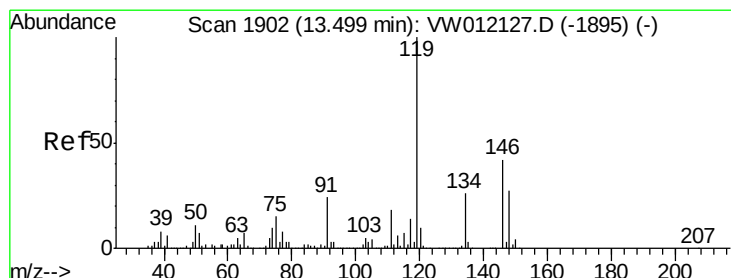
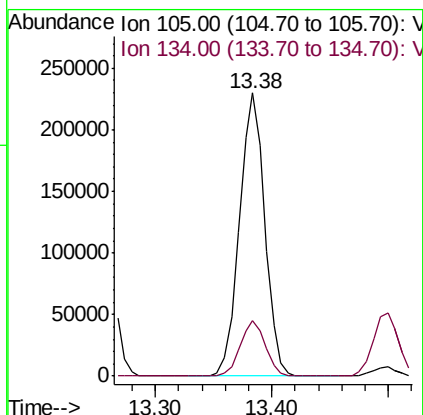
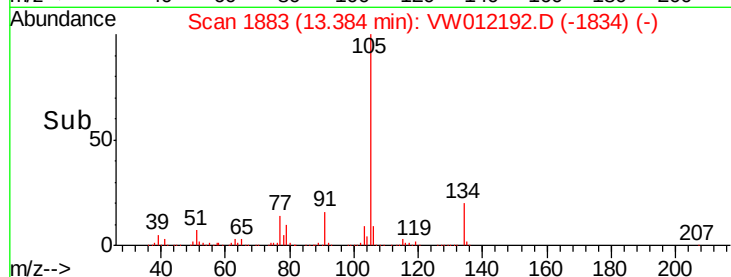
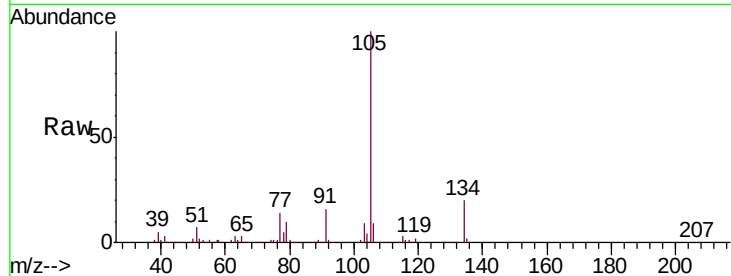




#85
 sec-Butylbenzene
 Concen: 42.061 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

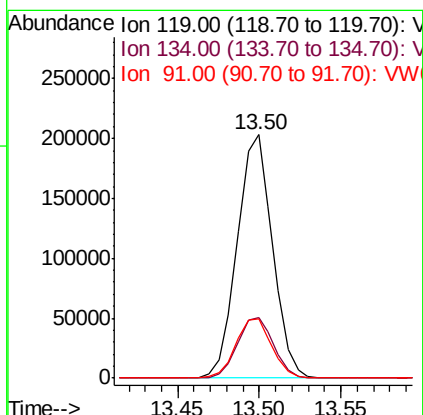
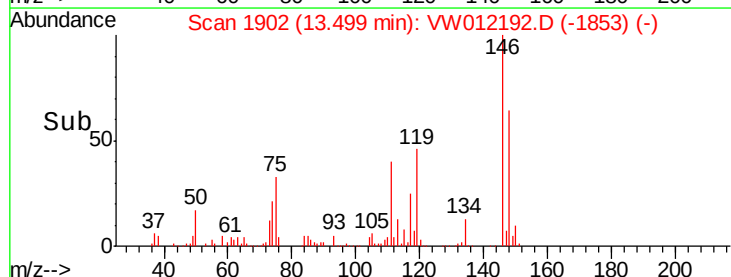
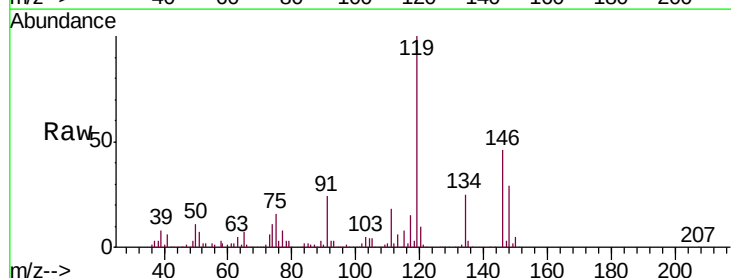
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

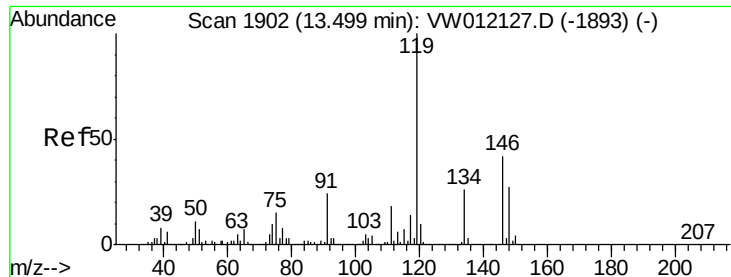
Tgt Ion:105 Resp: 347182
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 41.376 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion:119 Resp: 305004
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 24.7 12.3 36.9

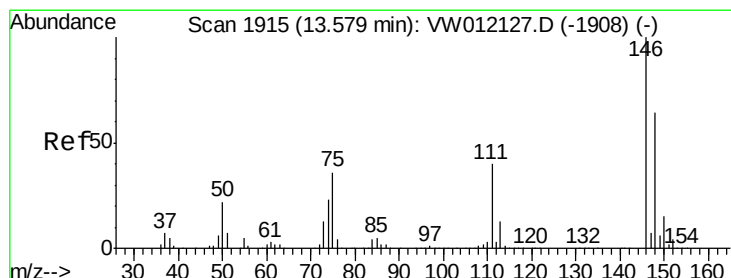
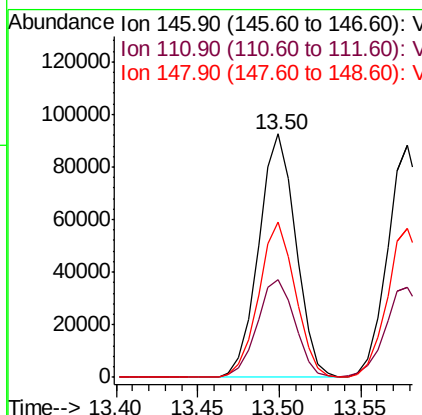
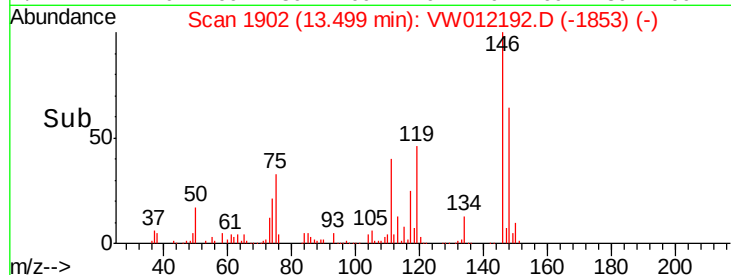
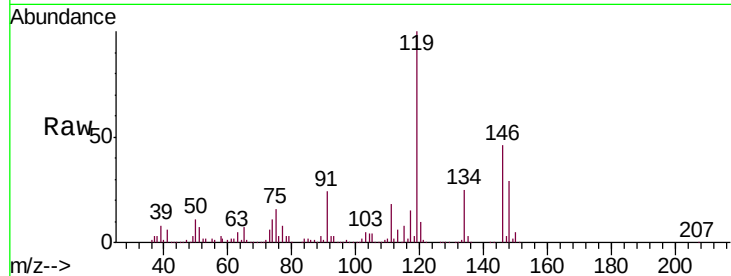




#87
 1,3-Dichlorobenzene
 Concen: 42.173 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

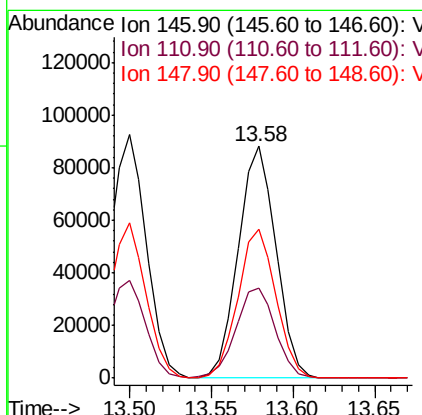
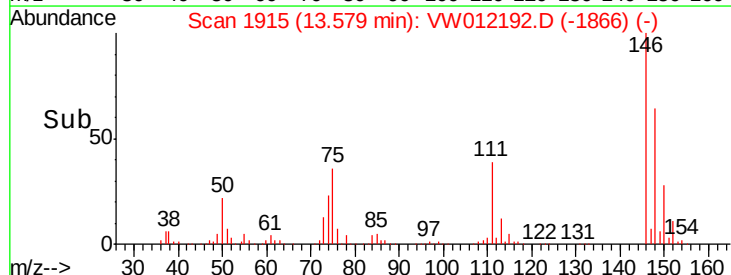
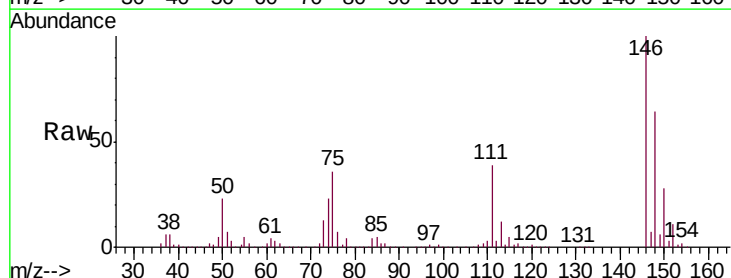
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

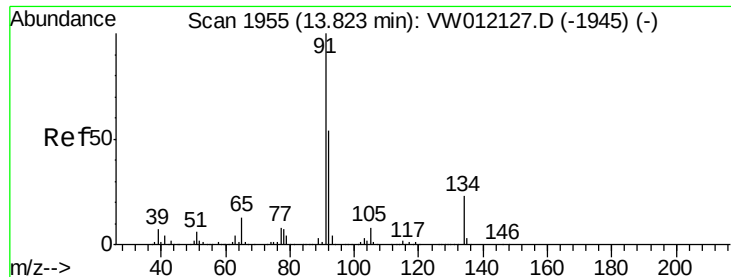
Tgt Ion:146 Resp: 145259
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 63.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 41.467 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion:146 Resp: 141816
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.6 32.1 96.3





#89

n-Butylbenzene

Concen: 32.881 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

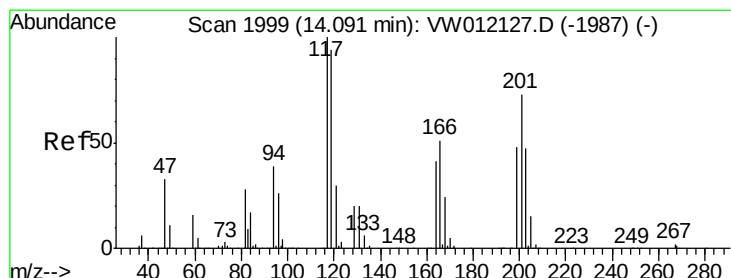
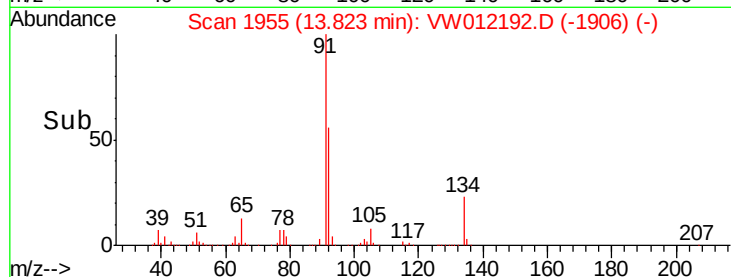
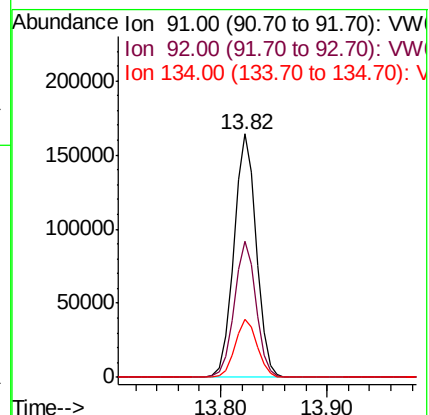
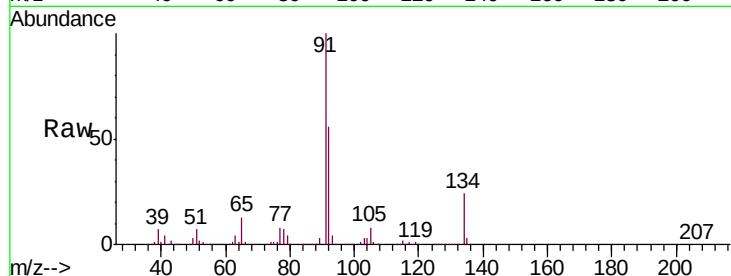
Tgt Ion: 91 Resp: 241036

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

134 23.8 12.2 36.4



#90

Hexachloroethane

Concen: 41.410 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012192.D

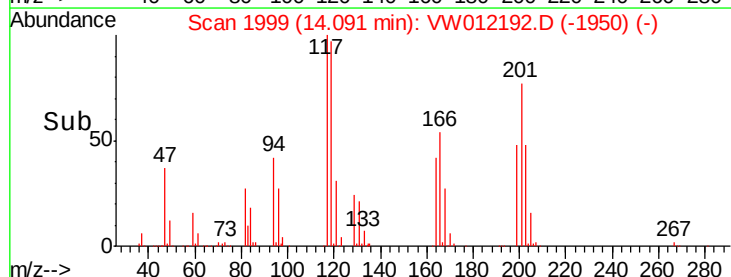
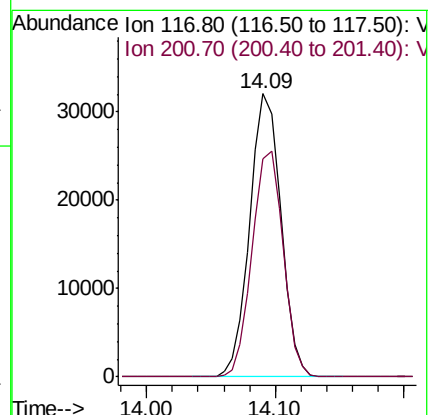
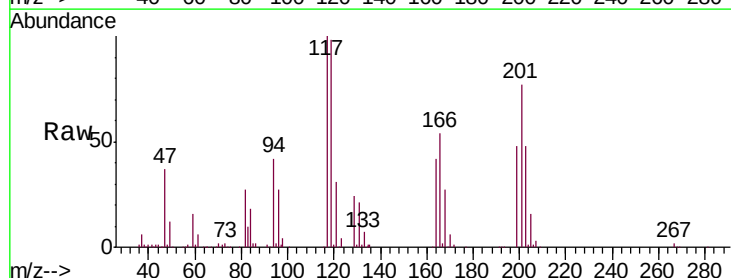
Acq: 27 Aug 2019 00:41

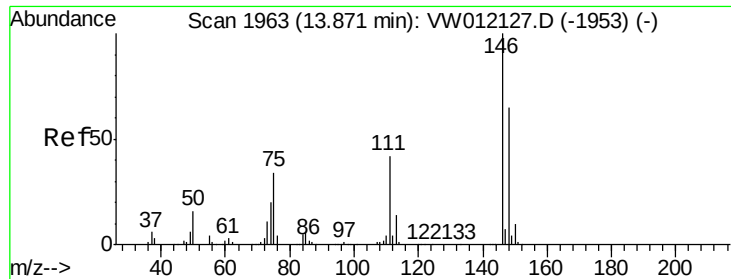
Tgt Ion: 117 Resp: 53556

Ion Ratio Lower Upper

117 100

201 79.3 38.6 115.7

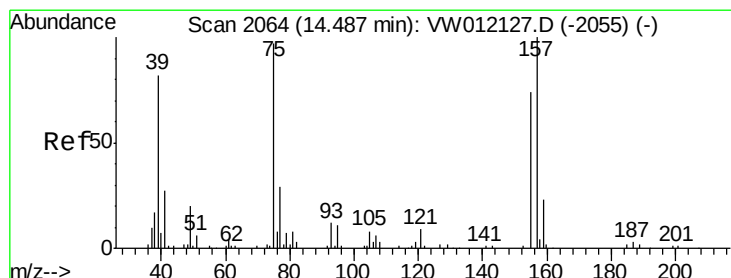
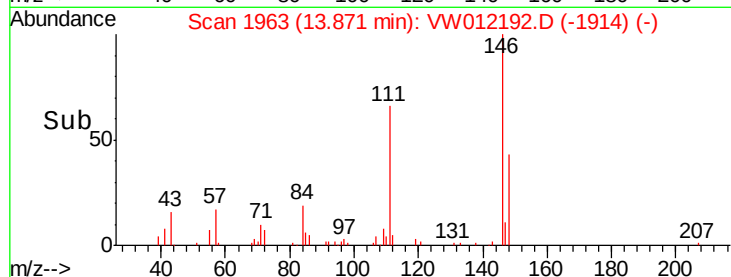
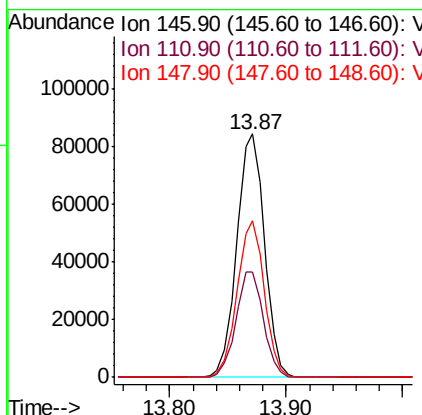
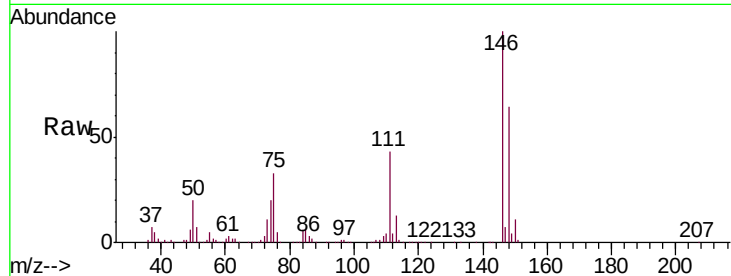




#91
 1,2-Dichlorobenzene
 Concen: 46.449 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

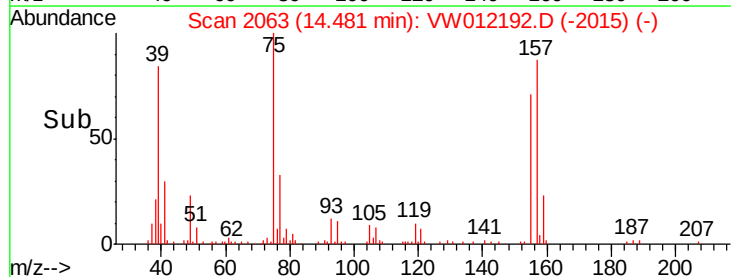
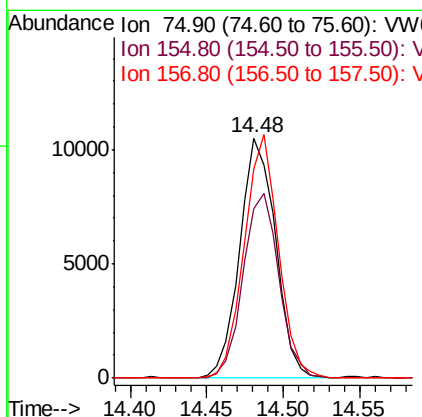
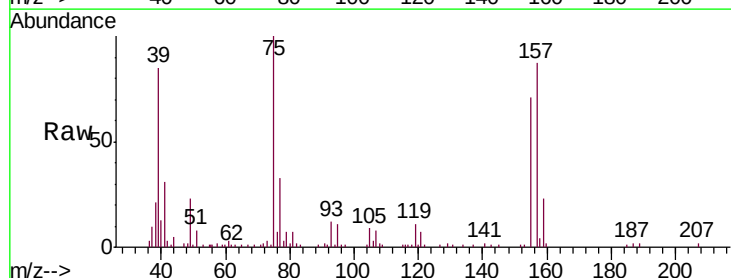
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

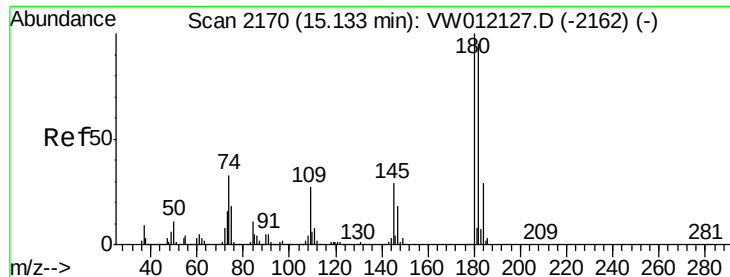
Tgt Ion: 146 Resp: 140348
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.2 63.6
 148 62.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.096 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 75 Resp: 17131
 Ion Ratio Lower Upper
 75 100
 155 76.9 37.5 112.3
 157 96.6 50.5 151.5

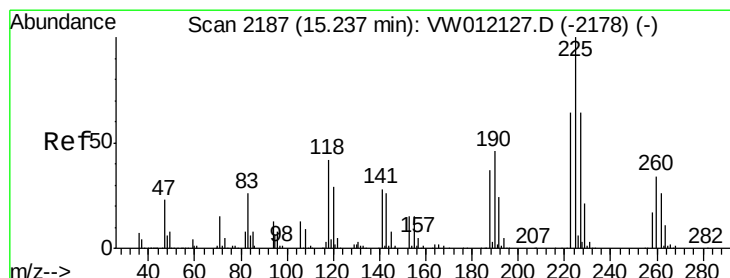
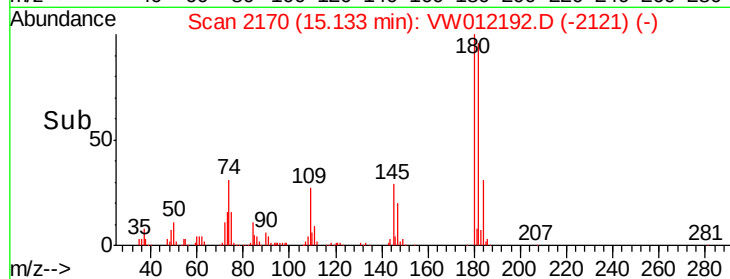
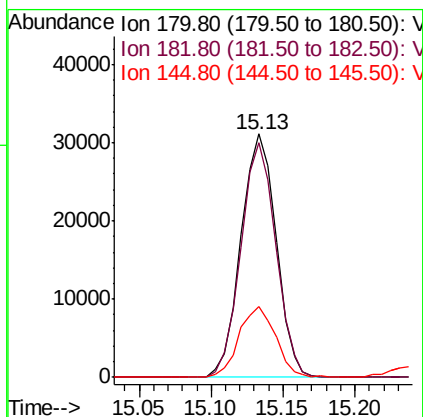
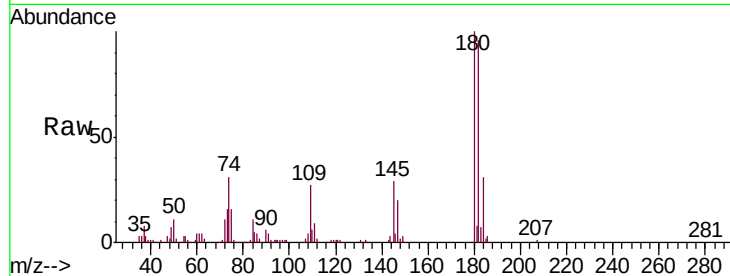




#93
 1,2,4-Trichlorobenzene
 Concen: 25.291 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

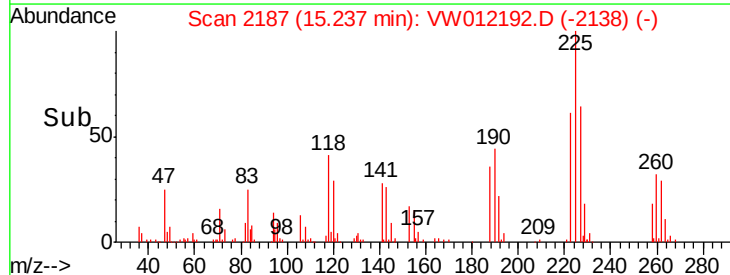
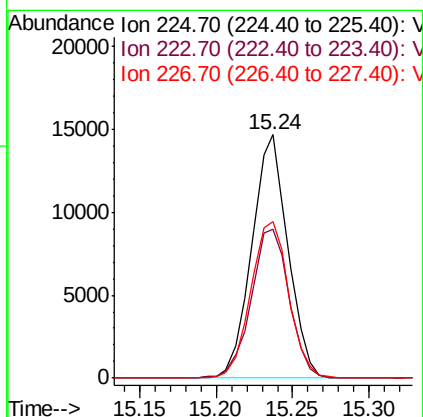
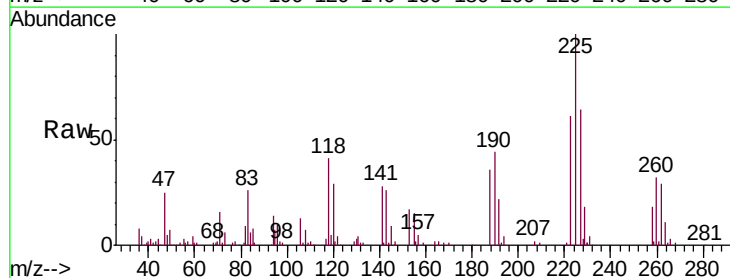
Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

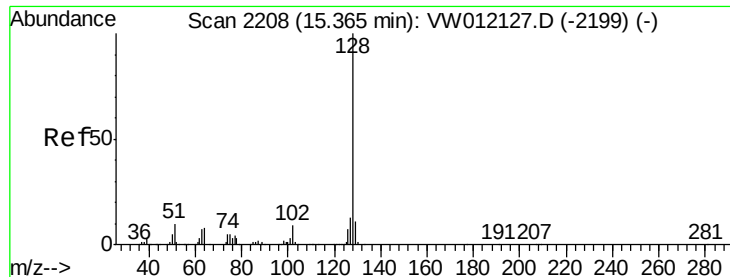
Tgt Ion:180 Resp: 52811
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.4
 145 30.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 17.488 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion:225 Resp: 24112
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.3 96.8
 227 67.3 32.9 98.6

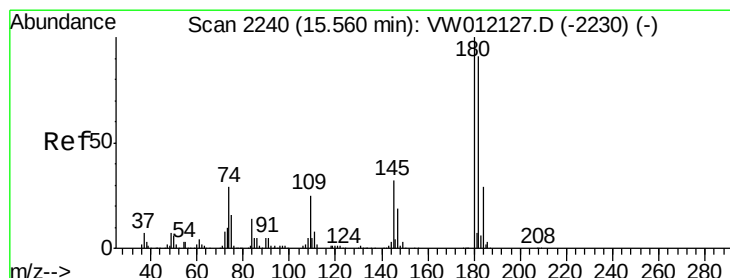
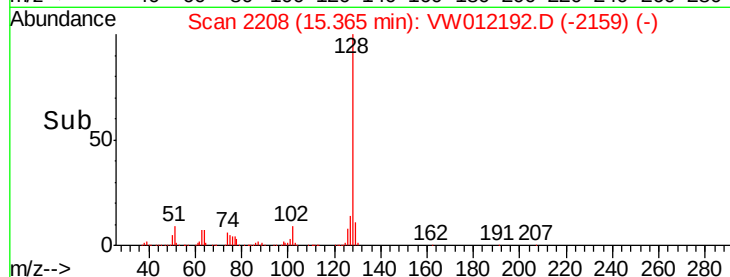
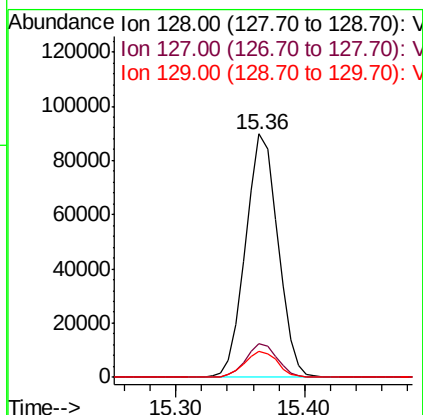
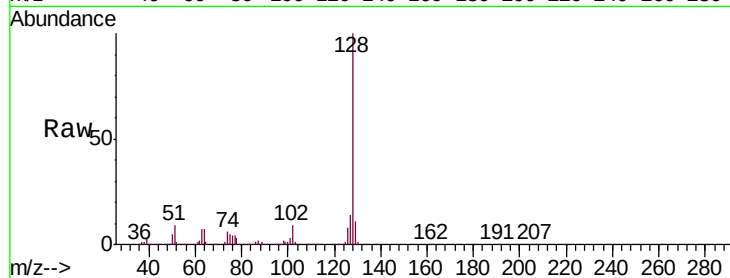




#95
Naphthalene
Concen: 39.114 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tgt Ion:128 Resp: 156048
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 25.964 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion:180 Resp: 47302
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.3
145 33.7 16.2 48.5

