

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013068.D
 Acq On : 17 Sep 2019 04:30
 Operator : SY/VA
 Sample : K4851-02MS
 Misc : 5.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

Quant Time: Sep 17 07:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	24710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	38671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	31986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	11285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	11653	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.88	113	9683	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
50) Toluene-d8	10.32	98	41675	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	13298	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	2229	20.967	ug/l	83
3) Chloromethane	2.21	50	7168	61.389	ug/l	94
4) Vinyl Chloride	2.35	62	8979	50.767	ug/l	92
5) Bromomethane	2.78	94	5956	55.143	ug/l	99
6) Chloroethane	2.93	64	7268	67.001	ug/l #	85
7) Trichlorofluoromethane	3.27	101	13906	112.435	ug/l	85
8) Diethyl Ether	3.68	74	4584	47.466	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	10144	54.076	ug/l	98
10) Methyl Iodide	4.27	142	13532	57.641	ug/l	99
11) Tert butyl alcohol	5.15	59	3530	227.185	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	8582	50.316	ug/l	91
13) Acrolein	3.92	56	25	Below Cal	#	1
14) Allyl chloride	4.68	41	15469	47.773	ug/l	94
15) Acrylonitrile	5.37	53	10922	221.429	ug/l	98
16) Acetone	4.12	43	15206	311.909	ug/l	99
17) Carbon Disulfide	4.39	76	16128	47.449	ug/l #	90
18) Methyl Acetate	4.67	43	10626	81.726	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	23197	68.899	ug/l	99
20) Methylene Chloride	4.91	84	10417	57.252	ug/l #	83
21) trans-1,2-Dichloroethene	5.43	96	9555	52.305	ug/l	93
22) Diisopropyl ether	6.31	45	33956	50.479	ug/l	92
23) Vinyl Acetate	6.30	43	18485	45.881	ug/l #	76
24) 1,1-Dichloroethane	6.22	63	20188	52.052	ug/l	95
25) 2-Butanone	7.17	43	17051	234.970	ug/l	99
26) 2,2-Dichloropropane	7.17	77	14867	61.389	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	11484	52.509	ug/l	96
28) Bromochloromethane	7.51	49	9489	58.128	ug/l	94
29) Tetrahydrofuran	7.53	42	9540	230.729	ug/l	98
30) Chloroform	7.68	83	20919	53.083	ug/l	98
31) Cyclohexane	7.95	56	16252	56.363	ug/l	85
32) 1,1,1-Trichloroethane	7.87	97	17826	54.928	ug/l	98
36) 1,1-Dichloropropene	8.09	75	14520	46.988	ug/l	99
37) Ethyl Acetate	7.26	43	6038	36.812	ug/l #	82
38) Carbon Tetrachloride	8.07	117	14621	46.171	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	14980	44.239	ug/l	95
40) Benzene	8.32	78	43742	50.706	ug/l	98
41) Methacrylonitrile	7.47	41	2392	22.145	ug/l #	34
42) 1,2-Dichloroethane	8.40	62	12931	44.716	ug/l	94
43) Isopropyl Acetate	8.42	43	12163	38.622	ug/l	94
44) Trichloroethene	9.09	130	15397	65.161	ug/l	92
45) 1,2-Dichloropropane	9.37	63	11245	49.063	ug/l	99
46) Dibromomethane	9.46	93	5089	46.345	ug/l	94
47) Bromodichloromethane	9.65	83	13701	44.482	ug/l	92
48) Methyl methacrylate	9.43	41	6284	42.517	ug/l	94
49) 1,4-Dioxane	9.44	88	1675	910.340	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	33853	208.211	ug/l	98
52) Toluene	10.39	92	25552	46.613	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	11509	37.153	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	14583	41.144	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	7685	45.941	ug/l	96
56) Ethyl methacrylate	10.65	69	7492	33.273	ug/l #	92
57) 1,3-Dichloropropane	10.93	76	13540	45.629	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	17363	143.751	ug/l	96
59) 2-Hexanone	10.97	43	22443	198.237	ug/l	94
60) Dibromochloromethane	11.13	129	8426	41.663	ug/l	100
61) 1,2-Dibromoethane	11.23	107	6789	44.489	ug/l	99
64) Tetrachloroethene	10.86	164	17500	91.967	ug/l	93
65) Chlorobenzene	11.66	112	26500	46.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	10163	46.547	ug/l	96
67) Ethyl Benzene	11.73	91	48688	46.270	ug/l	96
68) m/p-Xylenes	11.83	106	36712	95.505	ug/l	93
69) o-Xylene	12.16	106	16869	46.809	ug/l	98
70) Styrene	12.18	104	26422	41.215	ug/l	98
71) Bromoform	12.35	173	4463	38.915	ug/l #	97
73) Isopropylbenzene	12.46	105	51321	68.611	ug/l	98
74) N-amyl acetate	12.27	43	3181	16.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	5104	38.850	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	9687	97.999	ug/l #	100
77) Bromobenzene	12.74	156	10757	62.424	ug/l	96
78) n-propylbenzene	12.80	91	53962	61.329	ug/l	100
79) 2-Chlorotoluene	12.89	91	31583	62.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	38982	61.602	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	1582	36.306	ug/l	88
82) 4-Chlorotoluene	12.99	91	29550	55.371	ug/l	96
83) tert-Butylbenzene	13.21	119	37476	66.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	37360	59.746	ug/l	100
85) sec-Butylbenzene	13.38	105	50445	65.413	ug/l	99
86) p-Isopropyltoluene	13.50	119	41590	58.741	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	17511	51.333	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	15673	46.754	ug/l	98
89) n-Butylbenzene	13.82	91	29198	43.727	ug/l	98
90) Hexachloroethane	14.09	117	7720	60.844	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	15392	51.309	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	517	21.499	ug/l #	7

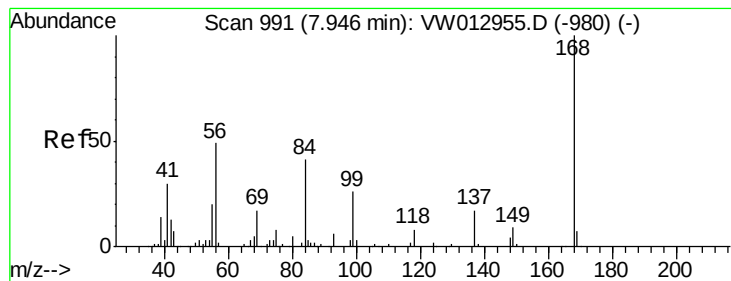
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	3269	15.280	ug/l	97
94) Hexachlorobutadiene	15.24	225	5887	38.870	ug/l	97
95) Naphthalene	15.36	128	4753	13.296	ug/l	95
96) 1,2,3-Trichlorobenzene	15.56	180	2922	15.451	ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

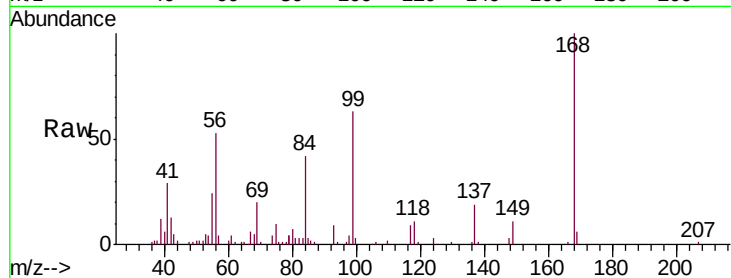
SB-3C-(9)MS

Tgt Ion:168 Resp: 24710

Ion Ratio Lower Upper

168 100

99 62.9 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

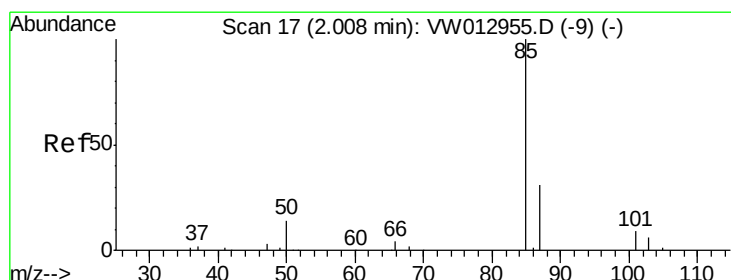
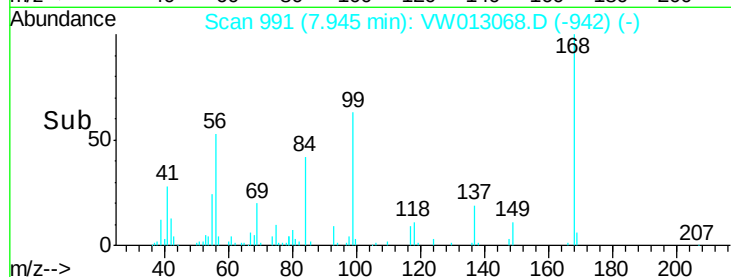
6000

4000

2000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.967 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013068.D

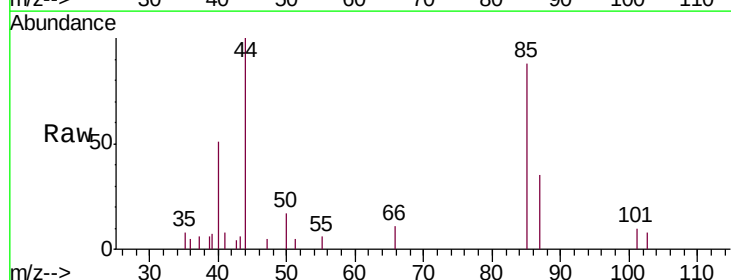
Acq: 17 Sep 2019 04:30

Tgt Ion: 85 Resp: 2229

Ion Ratio Lower Upper

85 100

87 40.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

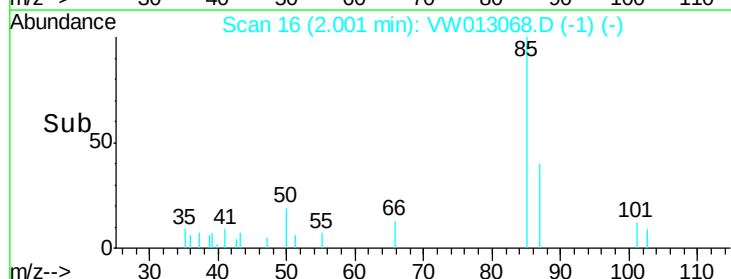
2.00

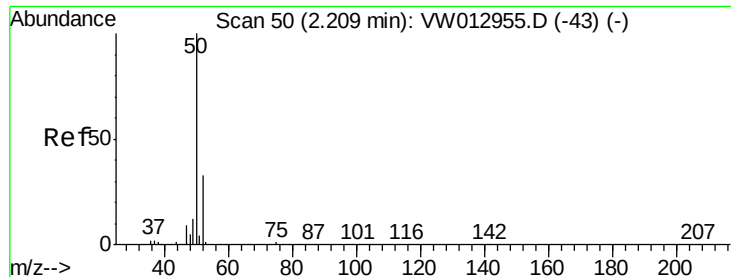
1000

500

0

Time-->





#3

Chloromethane

Concen: 61.389 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

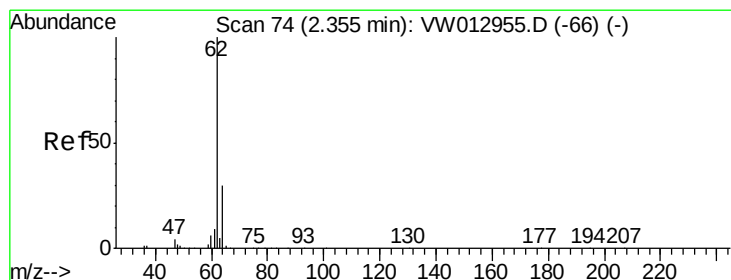
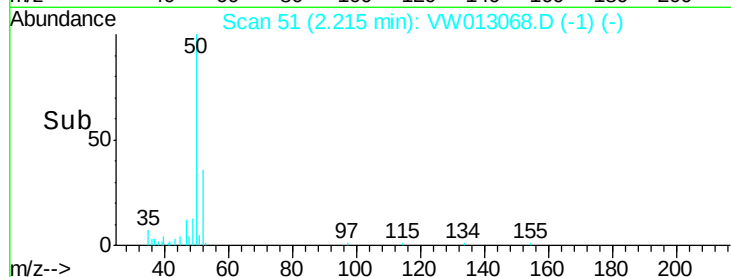
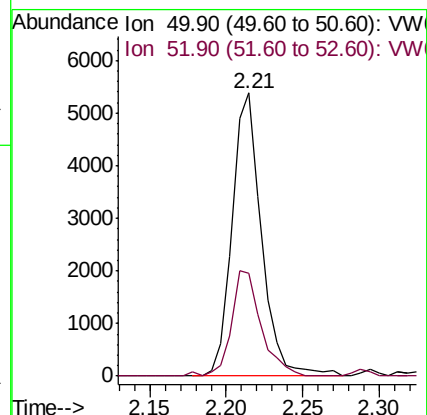
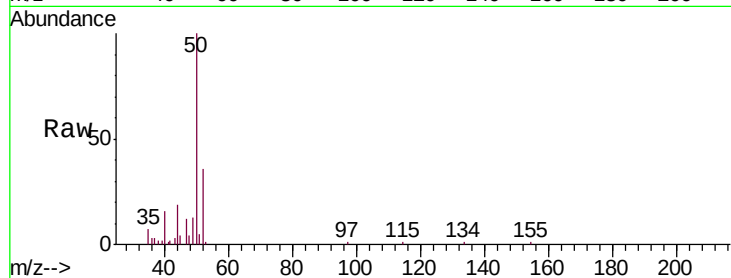
SB-3C-(9)MS

Tgt Ion: 50 Resp: 7168

Ion Ratio Lower Upper

50 100

52 36.5 26.6 39.8



#4

Vinyl Chloride

Concen: 50.767 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013068.D

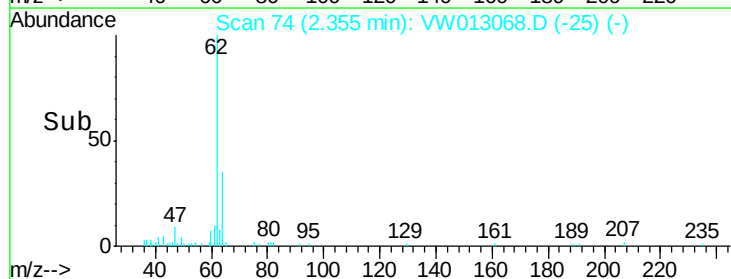
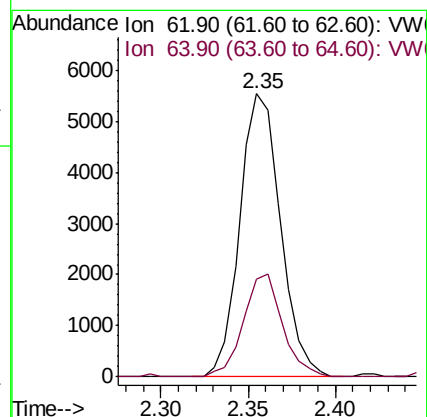
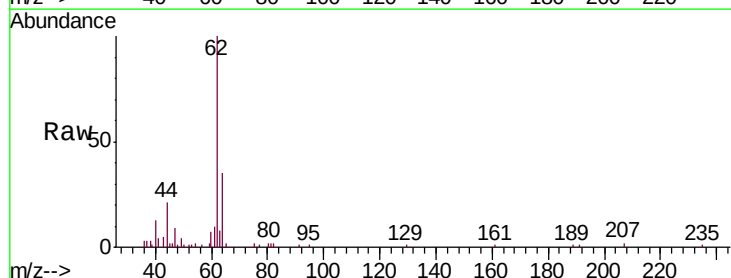
Acq: 17 Sep 2019 04:30

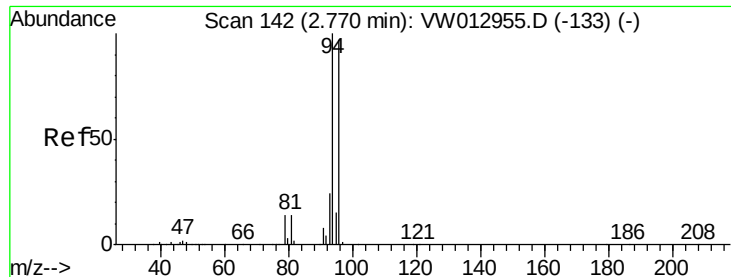
Tgt Ion: 62 Resp: 8979

Ion Ratio Lower Upper

62 100

64 34.7 24.2 36.4





#5

Bromomethane

Concen: 55.143 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

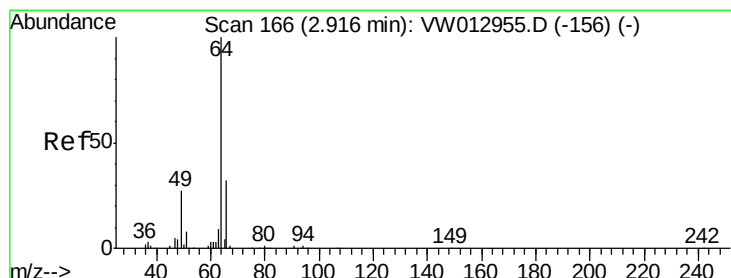
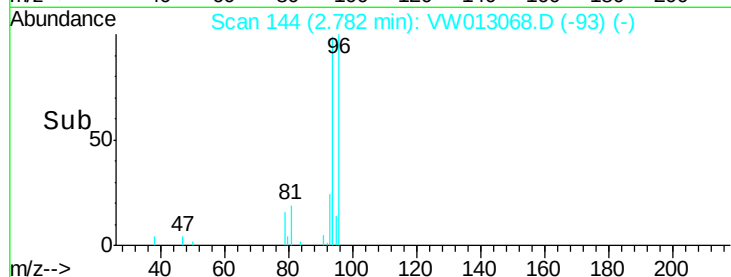
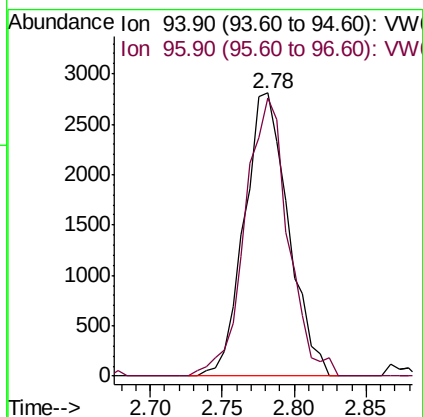
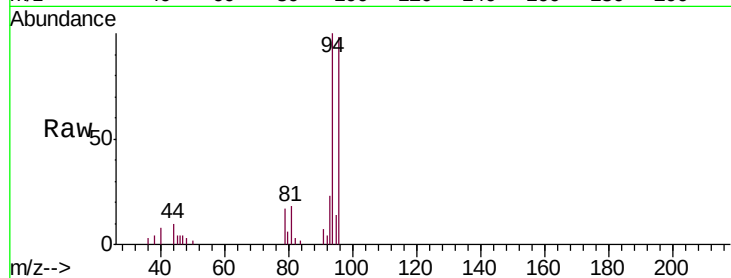
SB-3C-(9)MS

Tgt Ion: 94 Resp: 5956

Ion Ratio Lower Upper

94 100

96 98.4 77.8 116.6



#6

Chloroethane

Concen: 67.001 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW013068.D

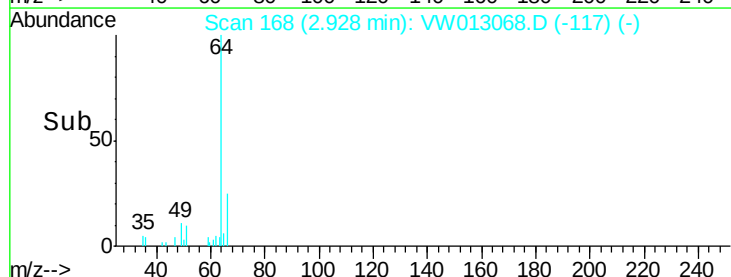
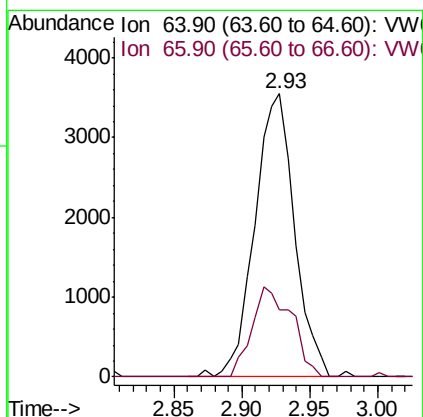
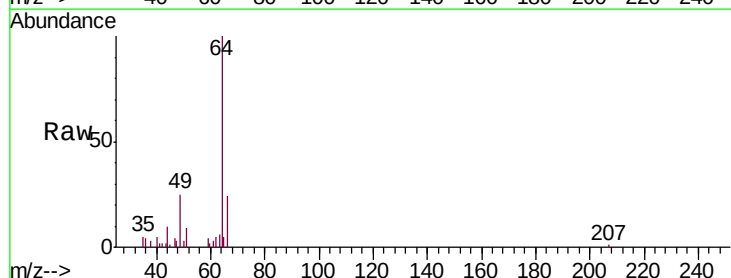
Acq: 17 Sep 2019 04:30

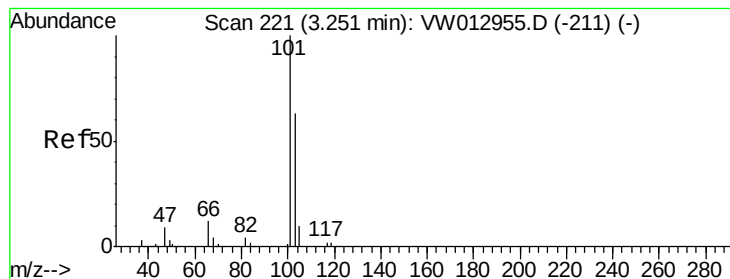
Tgt Ion: 64 Resp: 7268

Ion Ratio Lower Upper

64 100

66 23.7 25.9 38.9#



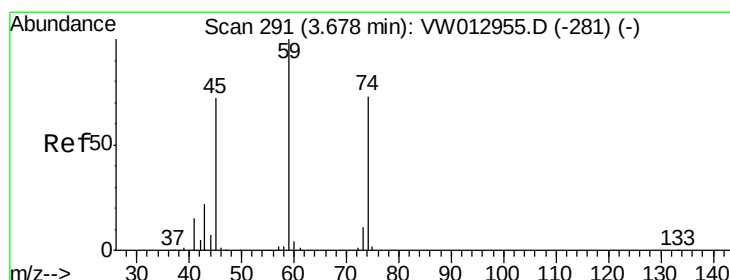
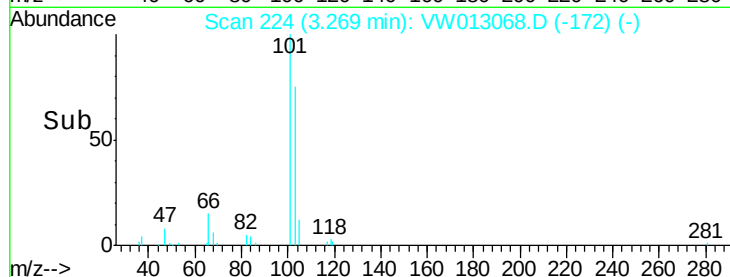
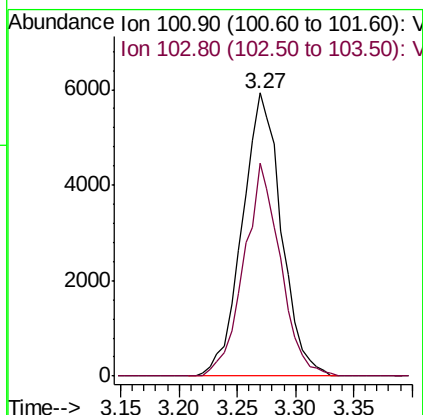
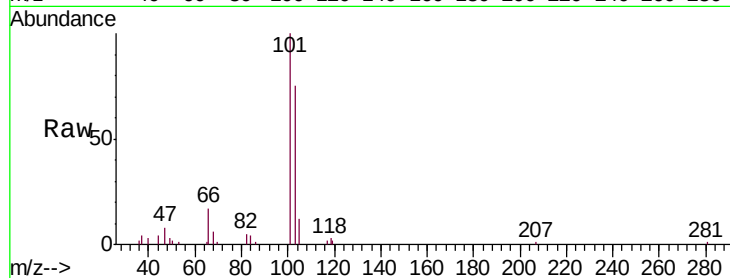


#7

Trichlorofluoromethane
 Concen: 112.435 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.02 min
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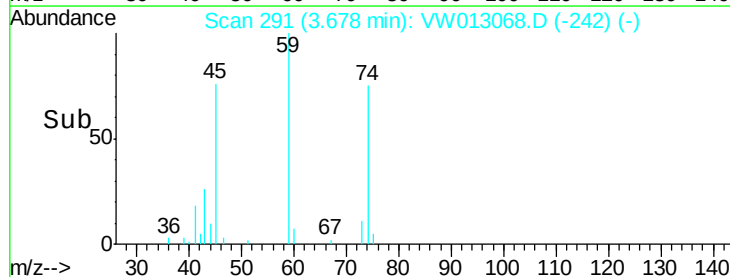
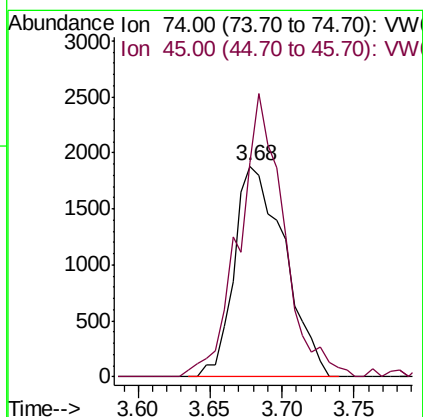
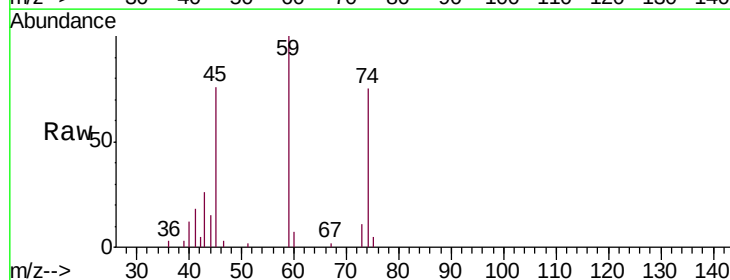
Tgt Ion: 101 Resp: 13906
 Ion Ratio Lower Upper
 101 100
 103 75.4 50.7 76.1

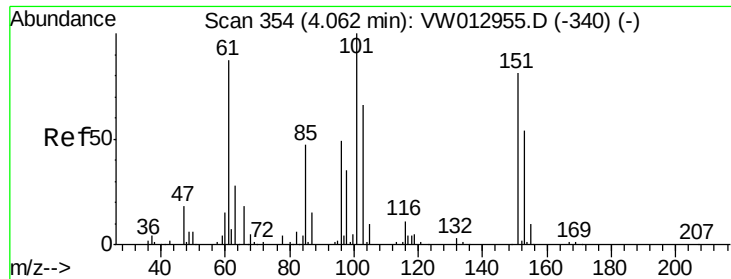


#8

Diethyl Ether
 Concen: 47.466 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 74 Resp: 4584
 Ion Ratio Lower Upper
 74 100
 45 119.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.076 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

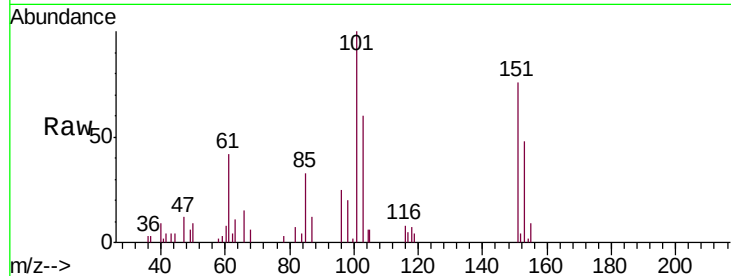
Tgt Ion:101 Resp: 10144

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

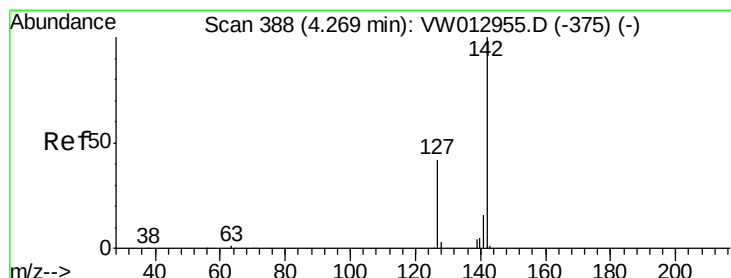
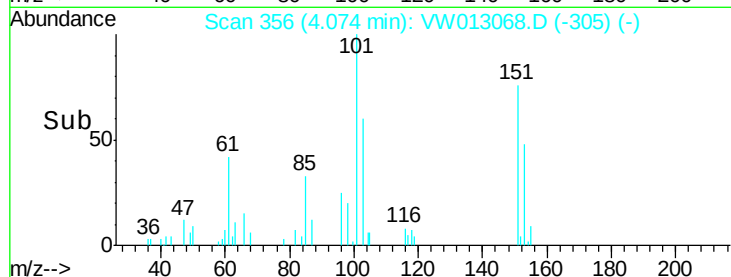
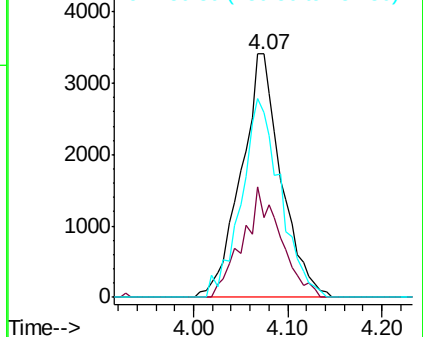
151 79.8 66.0 99.0



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: 57.641 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

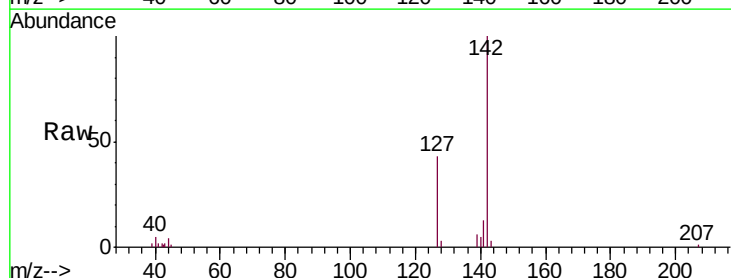
Tgt Ion:142 Resp: 13532

Ion Ratio Lower Upper

142 100

127 43.1 34.7 52.1

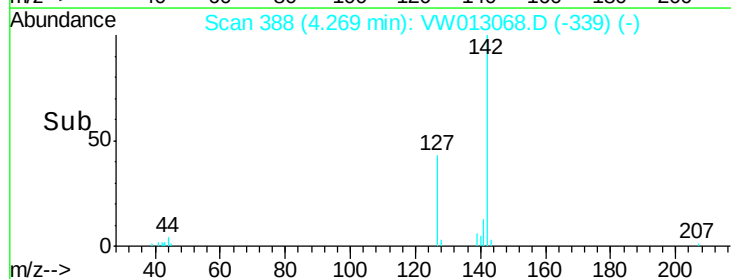
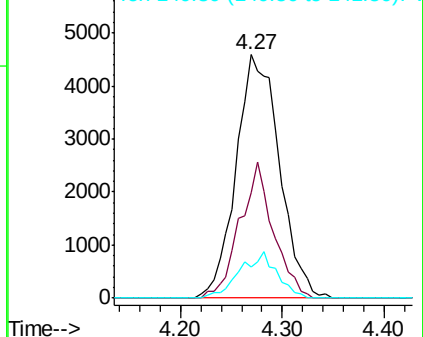
141 16.1 12.2 18.2

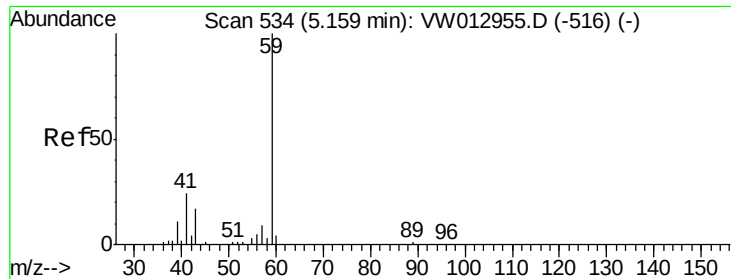


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



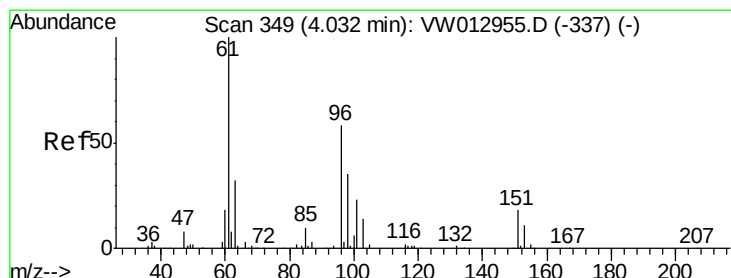
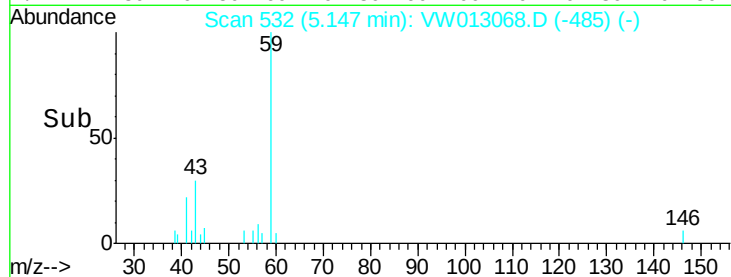
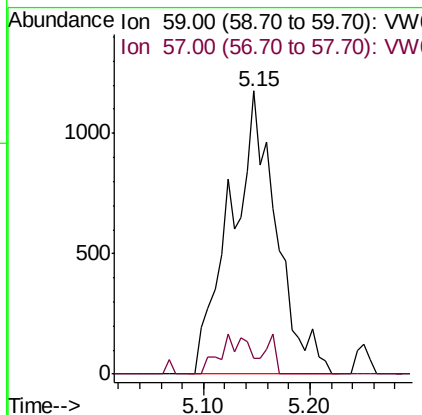
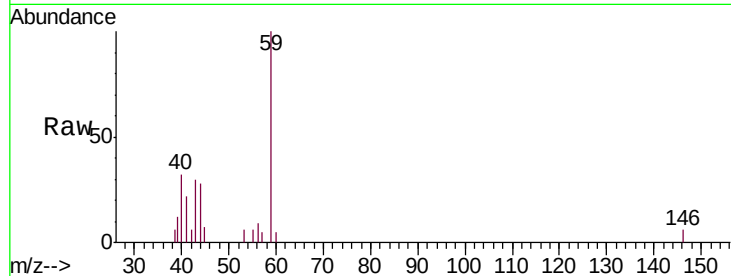


#11

Tert butyl alcohol
 Concen: 227.185 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Instrument :
 MSVOA_W
 ClientSampled :
 SB-3C-(9)MS

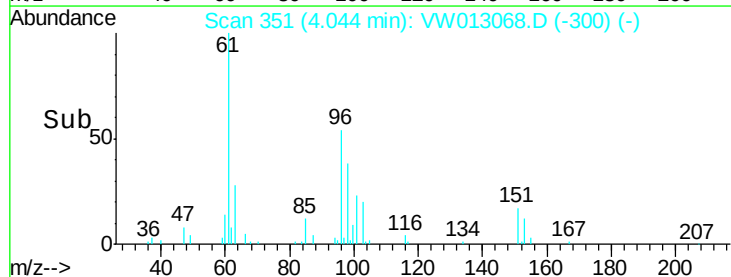
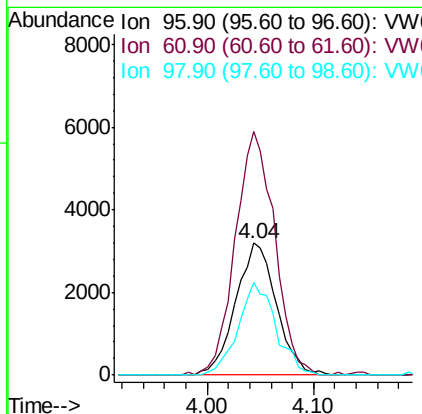
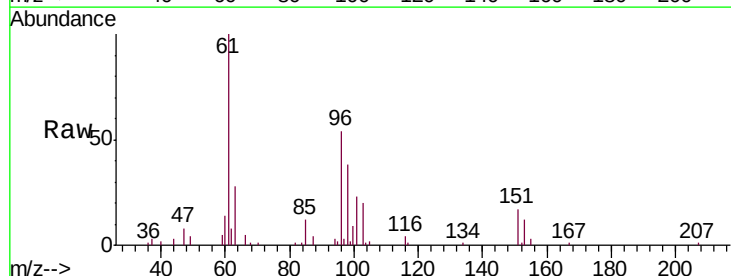
Tgt Ion: 59 Resp: 3530
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

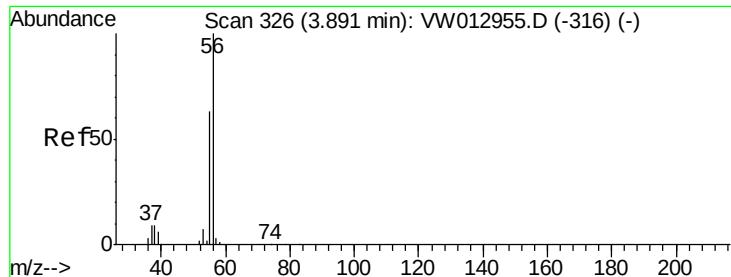


#12

1,1-Dichloroethene
 Concen: 50.316 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 96 Resp: 8582
 Ion Ratio Lower Upper
 96 100
 61 183.1 137.9 206.9
 98 70.2 48.9 73.3





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 330

Delta R.T. 0.02 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

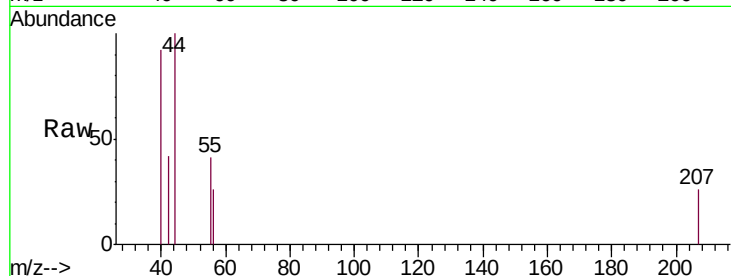
SB-3C-(9)MS

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

56 100

55 540.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

150

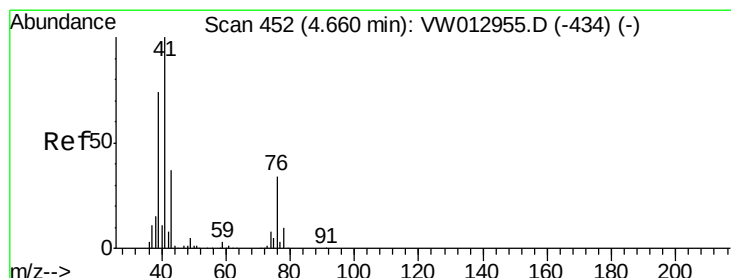
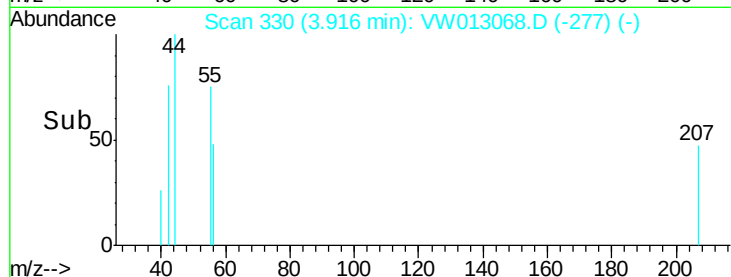
100

50

0

3.90 3.91 3.92 3.93

Time-->



#14

Allyl chloride

Concen: 47.773 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.02 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

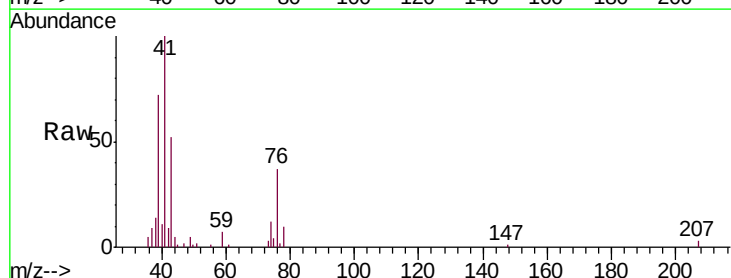
Tgt Ion: 41 Resp: 15469

Ion Ratio Lower Upper

41 100

39 65.0 56.7 85.1

76 33.0 25.1 37.7



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

6000

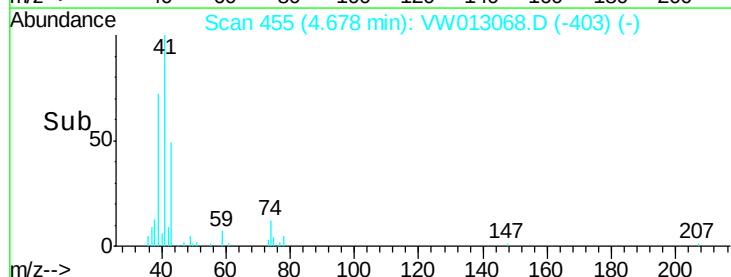
4000

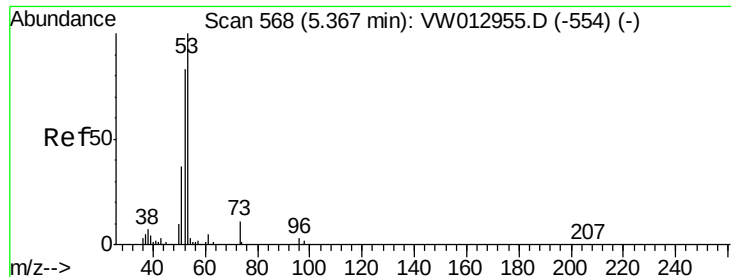
2000

0

4.60 4.70 4.80

Time-->

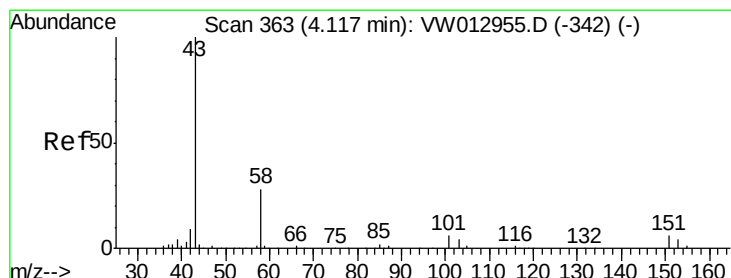
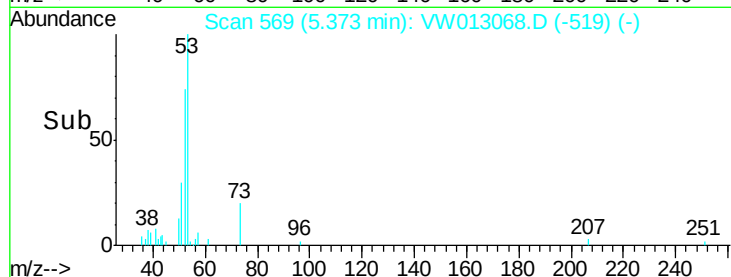
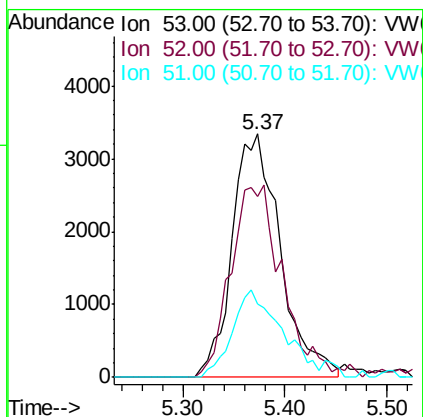
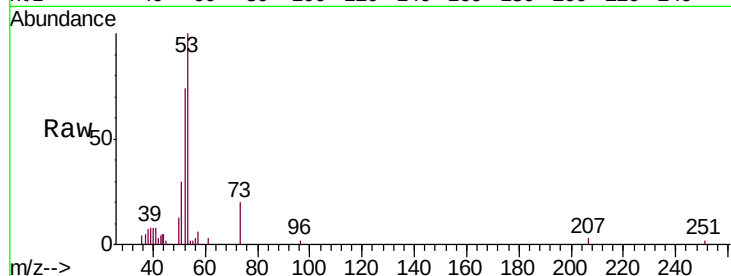




#15
 Acrylonitrile
 Concen: 221.429 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

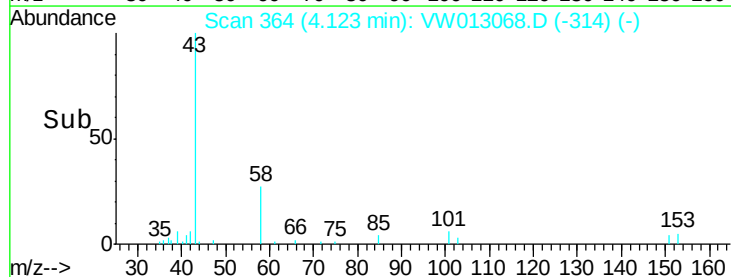
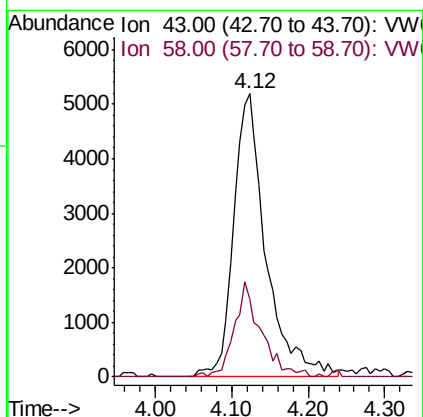
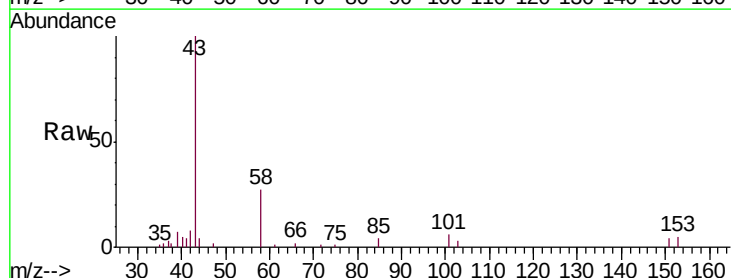
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

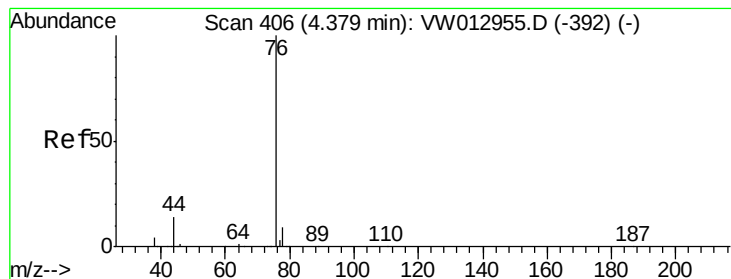
Tgt Ion: 53 Resp: 10922
 Ion Ratio Lower Upper
 53 100
 52 84.8 66.6 100.0
 51 36.7 29.8 44.8



#16
 Acetone
 Concen: 311.909 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 43 Resp: 15206
 Ion Ratio Lower Upper
 43 100
 58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 47.449 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

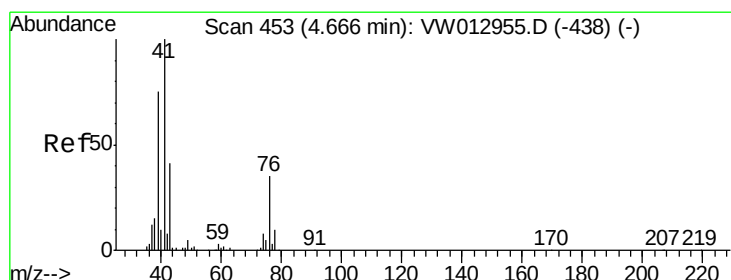
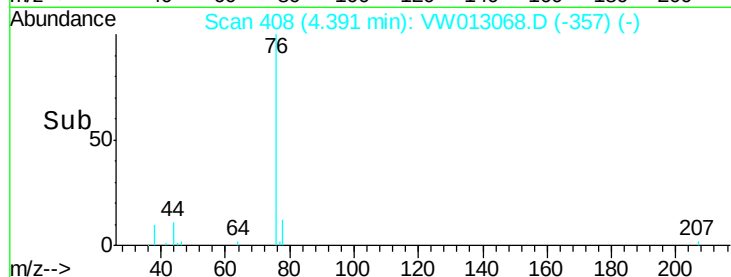
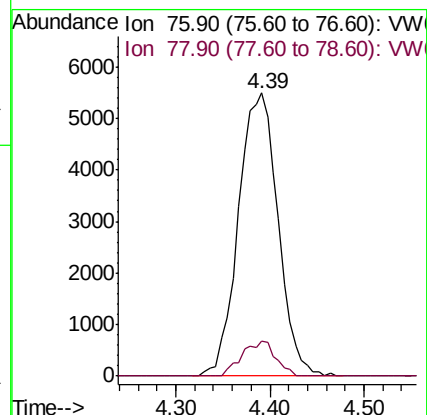
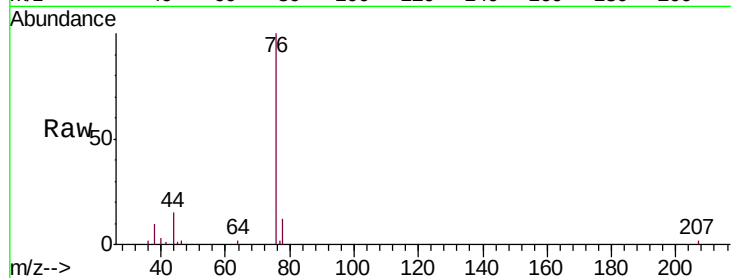
SB-3C-(9)MS

Tgt Ion: 76 Resp: 16128

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.4#



#18

Methyl Acetate

Concen: 81.726 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013068.D

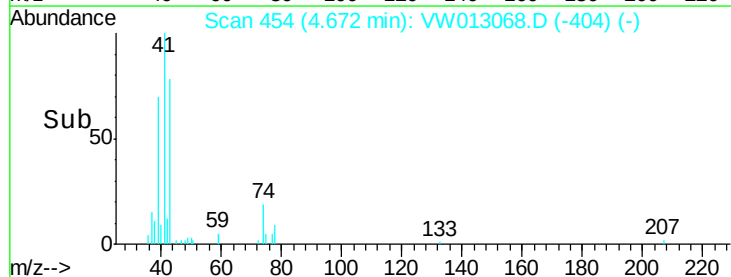
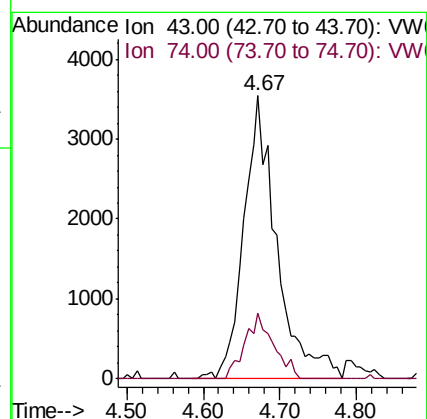
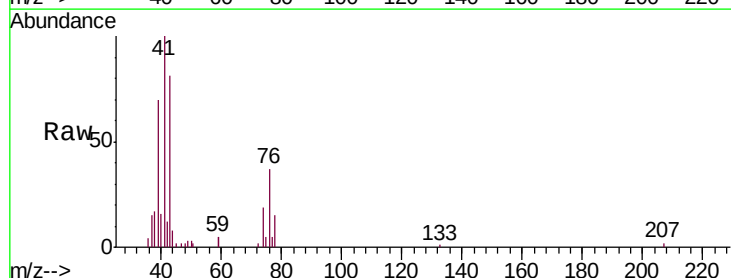
Acq: 17 Sep 2019 04:30

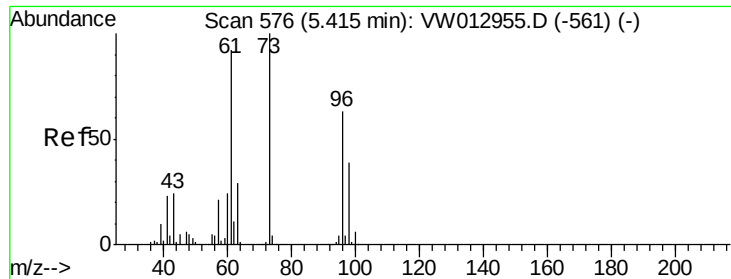
Tgt Ion: 43 Resp: 10626

Ion Ratio Lower Upper

43 100

74 20.1 17.8 26.8

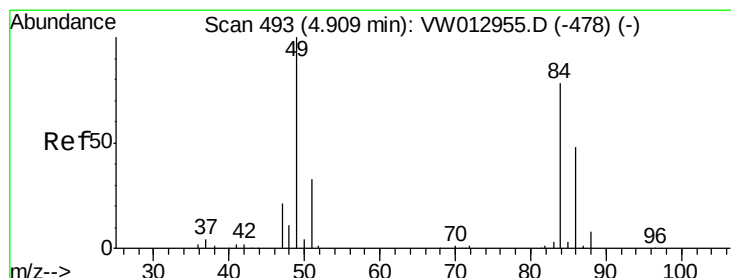
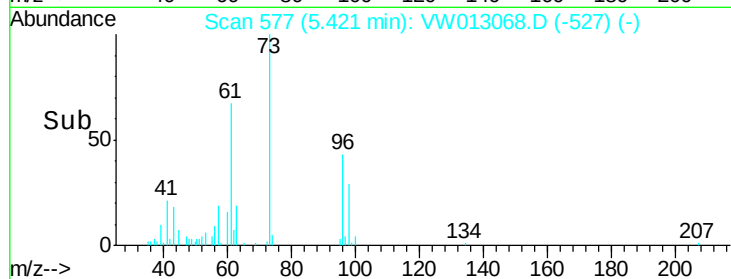
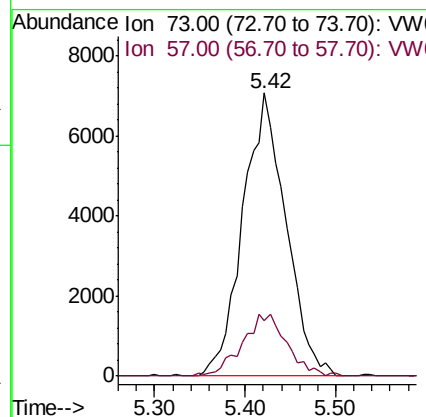
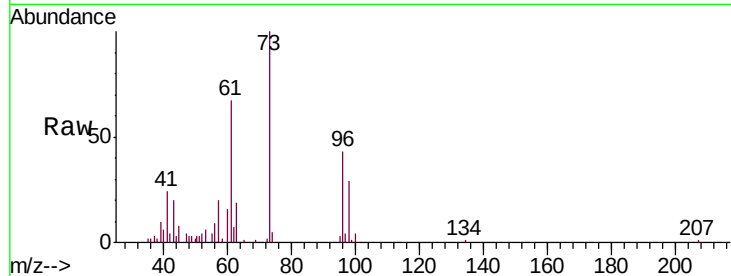




#19
Methyl tert-butyl Ether
Concen: 68.899 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

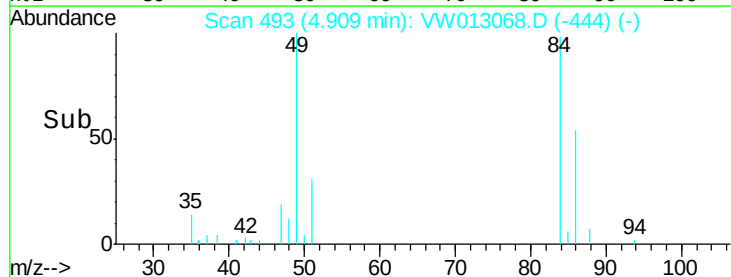
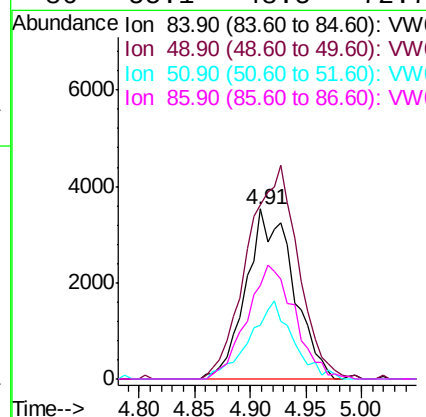
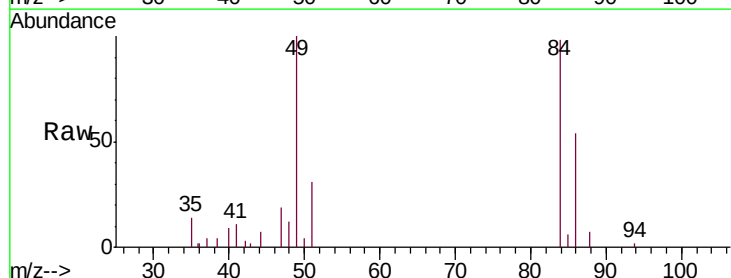
Instrument :
MSVOA_W
ClientSampled :
SB-3C-(9)MS

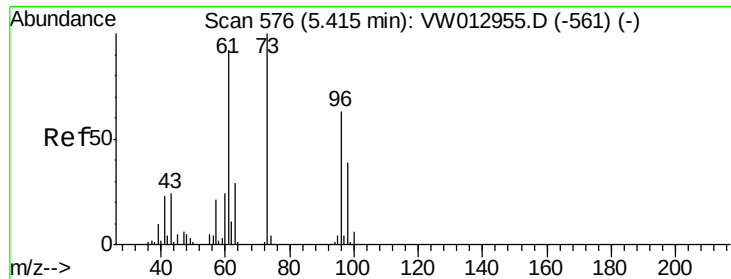
Tgt Ion: 73 Resp: 23197
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6



#20
Methylene Chloride
Concen: 57.252 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 84 Resp: 10417
Ion Ratio Lower Upper
84 100
49 102.3 102.0 153.0
51 31.6 34.0 51.0#
86 55.1 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 52.305 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.02 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

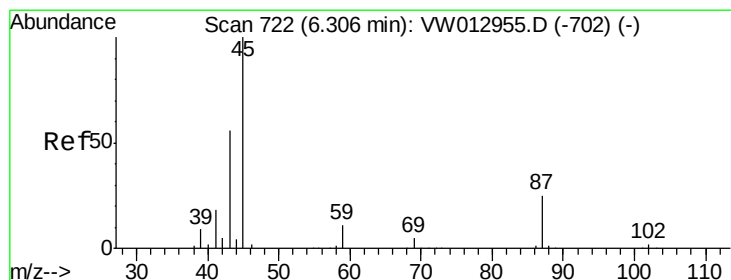
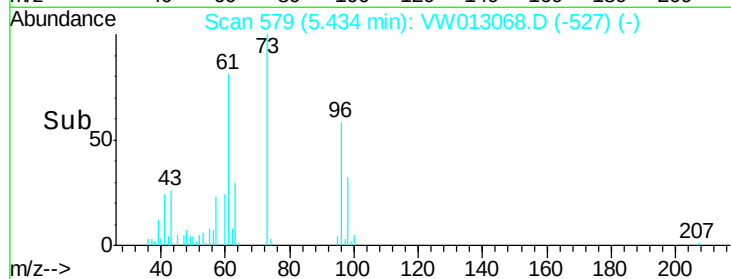
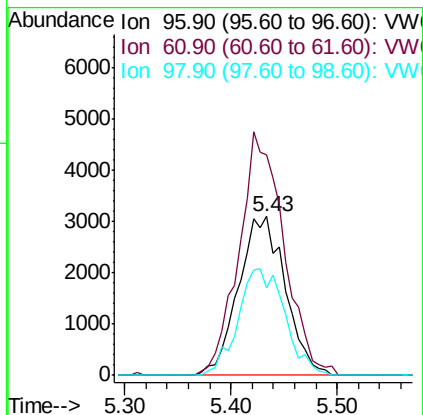
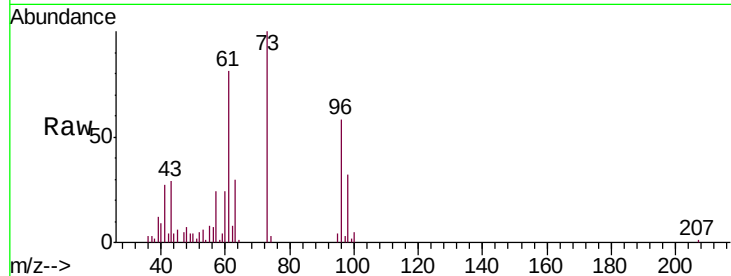
Tgt Ion: 96 Resp: 9555

Ion Ratio Lower Upper

96 100

61 138.4 116.2 174.2

98 54.8 49.8 74.6



#22

Diisopropyl ether

Concen: 50.479 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion: 45 Resp: 33956

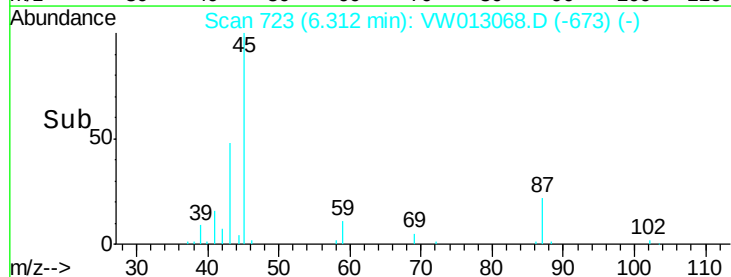
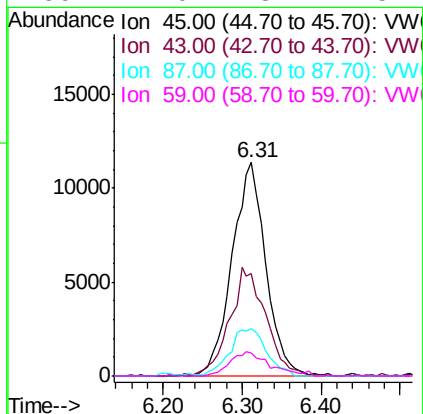
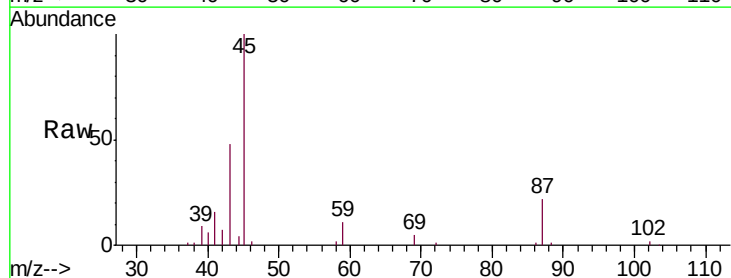
Ion Ratio Lower Upper

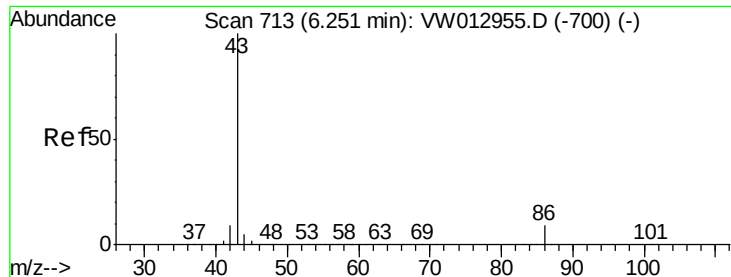
45 100

43 47.7 44.6 67.0

87 22.3 20.0 30.0

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 45.881 ug/l

RT: 6.30 min Scan# 721

Delta R.T. 0.05 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

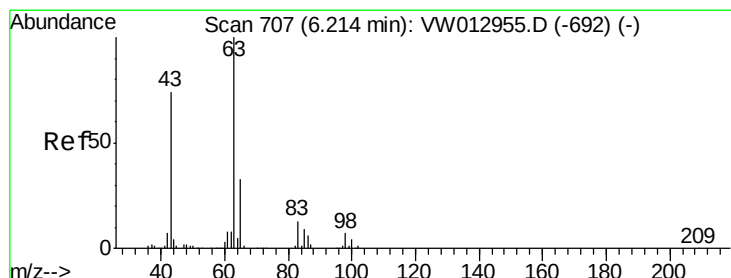
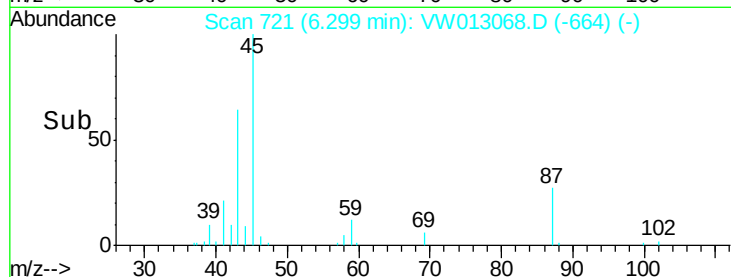
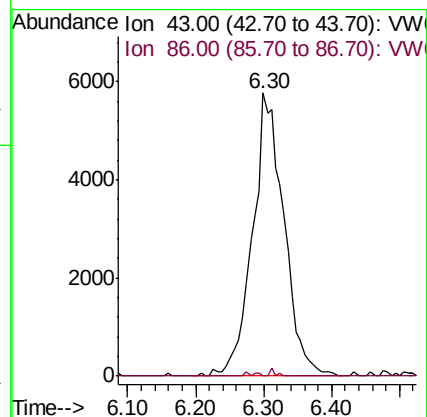
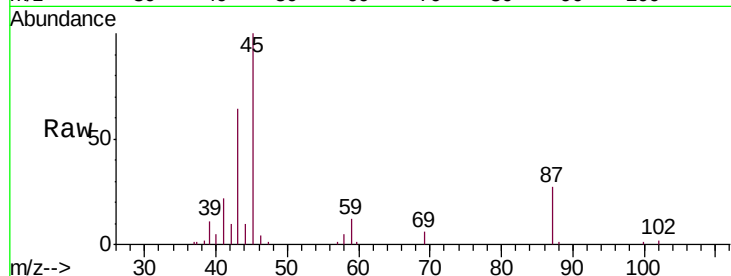
SB-3C-(9)MS

Tgt Ion: 43 Resp: 18485

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.6#



#24

1,1-Dichloroethane

Concen: 52.052 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

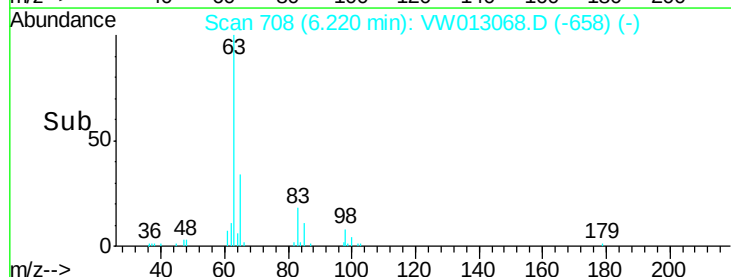
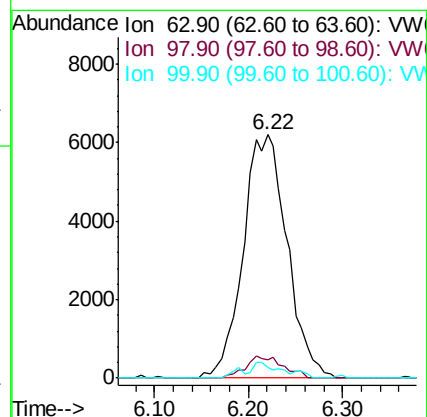
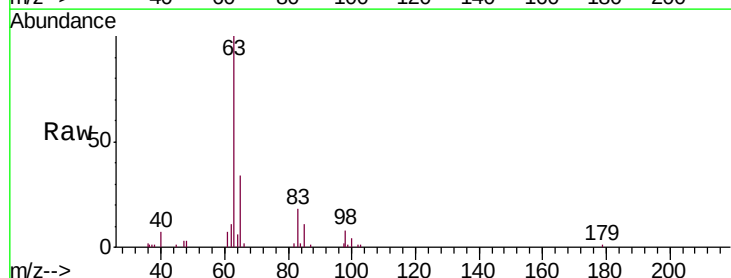
Tgt Ion: 63 Resp: 20188

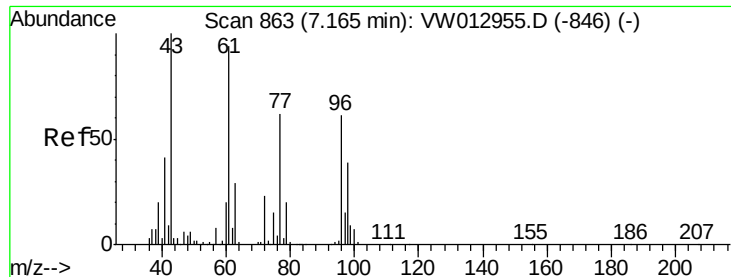
Ion Ratio Lower Upper

63 100

98 8.8 3.3 9.9

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 234.970 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

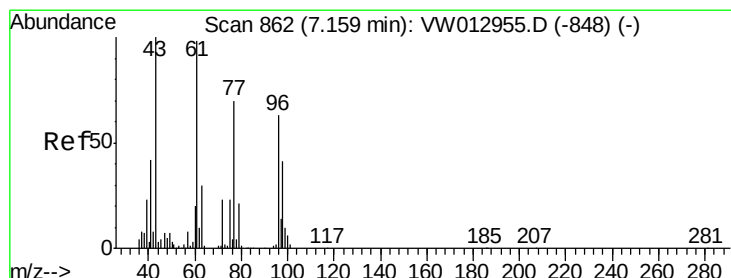
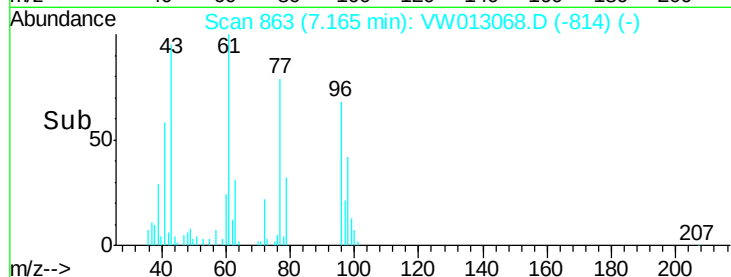
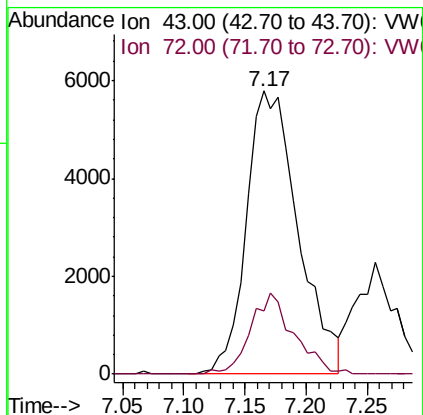
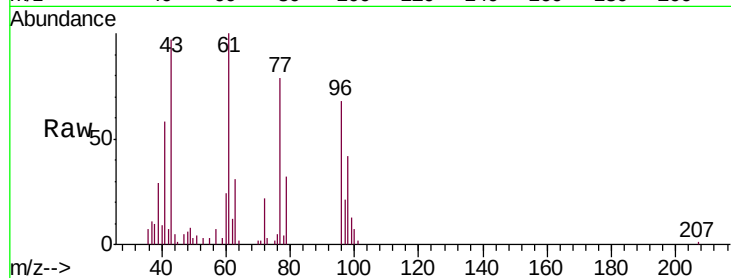
SB-3C-(9)MS

Tgt Ion: 43 Resp: 17051

Ion Ratio Lower Upper

43 100

72 22.5 18.2 27.4



#26

2,2-Dichloropropane

Concen: 61.389 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013068.D

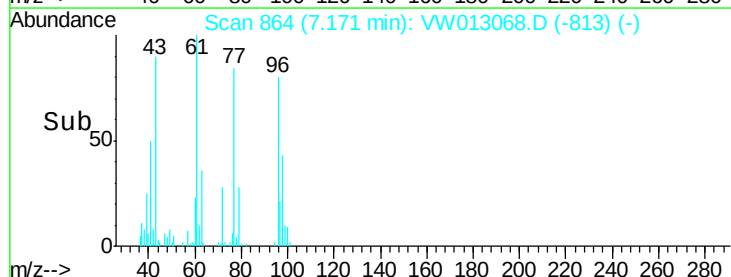
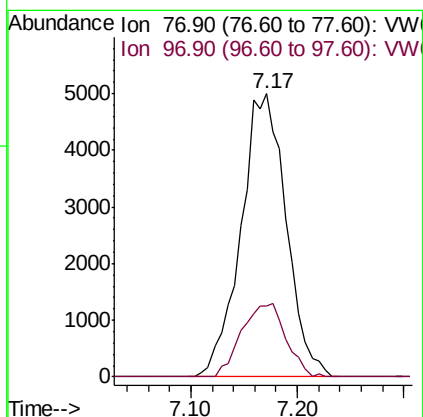
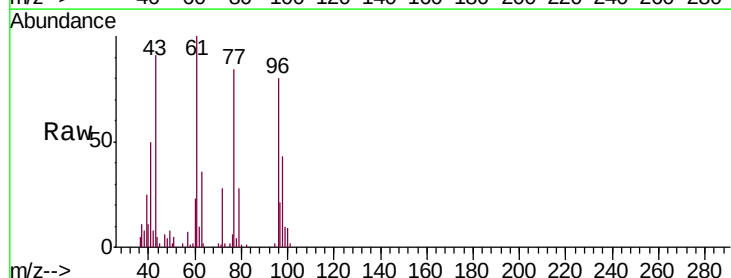
Acq: 17 Sep 2019 04:30

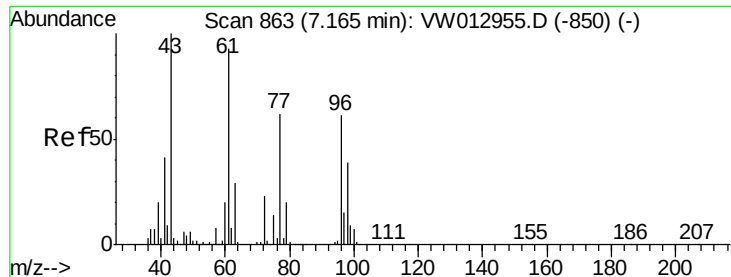
Tgt Ion: 77 Resp: 14867

Ion Ratio Lower Upper

77 100

97 25.3 10.7 32.1



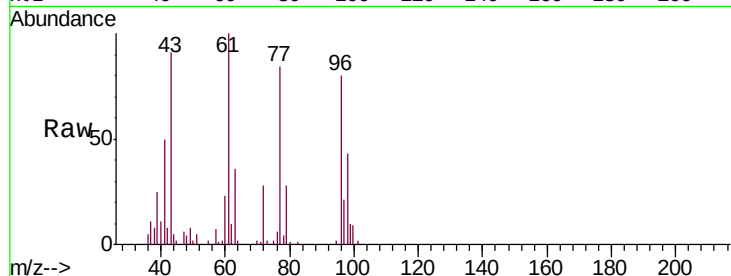


#27

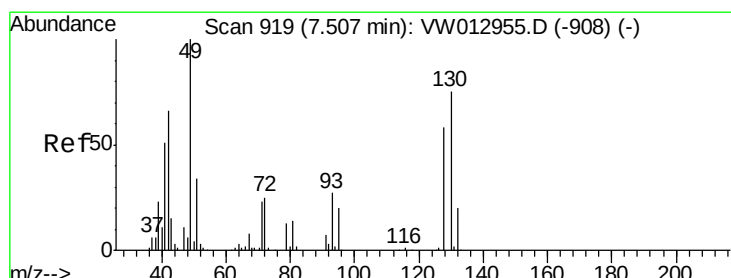
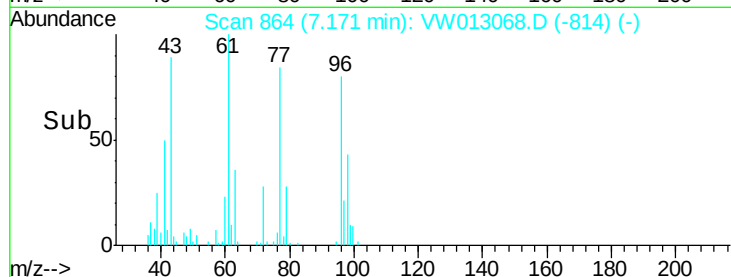
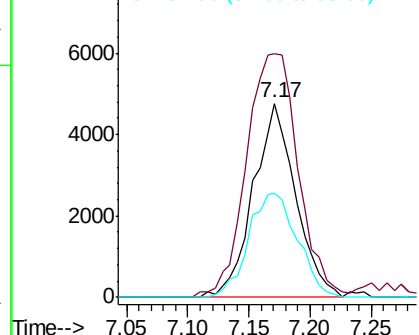
cis-1,2-Dichloroethene
Concen: 52.509 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tgt Ion: 96 Resp: 11484
Ion Ratio Lower Upper
96 100
61 153.3 0.0 315.4
98 61.8 0.0 131.0



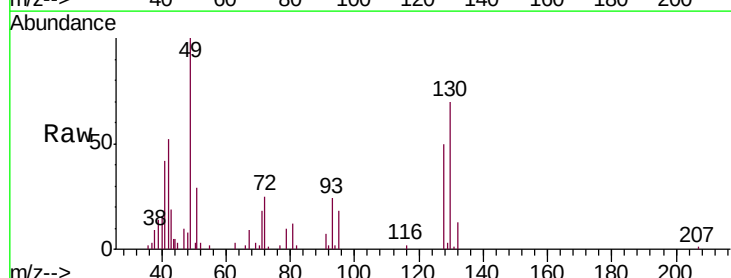
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



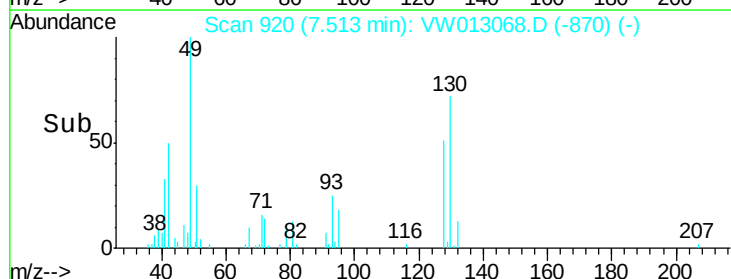
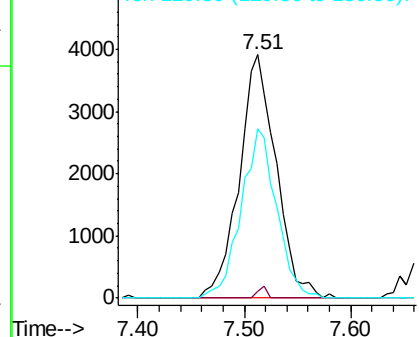
#28

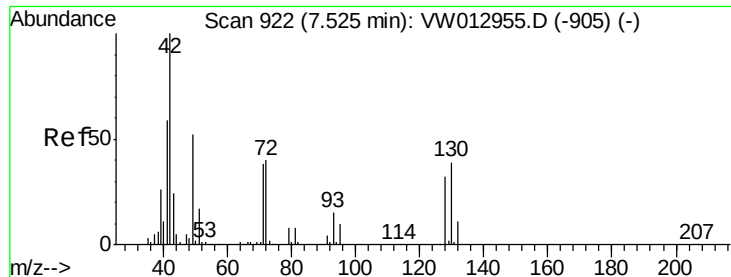
Bromochloromethane
Concen: 58.128 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 49 Resp: 9489
Ion Ratio Lower Upper
49 100
129 1.1 0.0 1.4
130 67.0 57.8 86.6



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

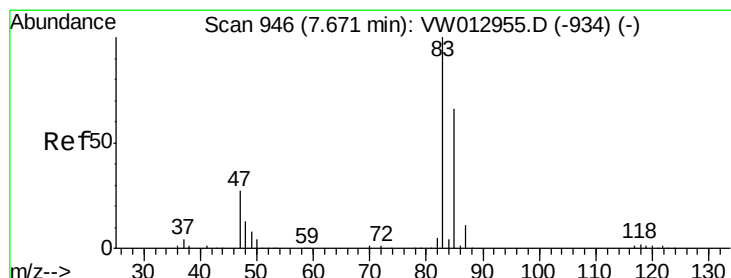
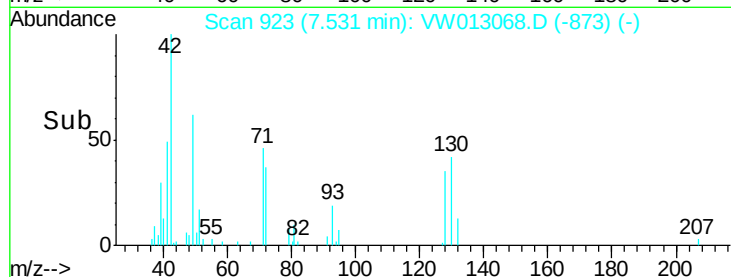
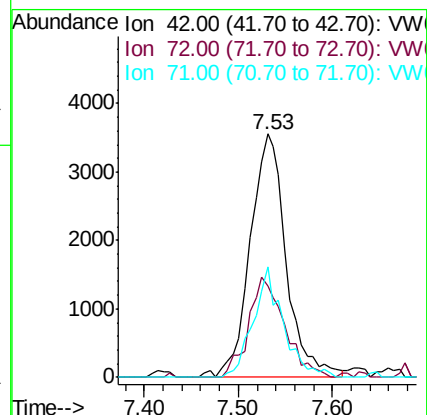
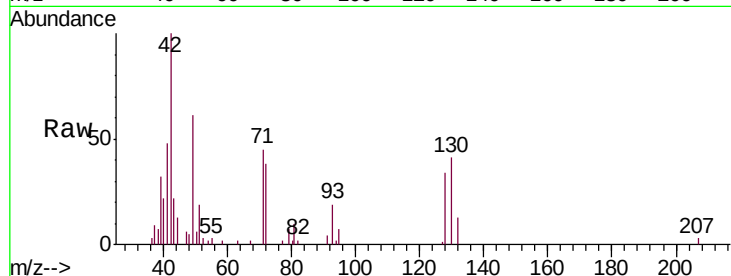




#29
Tetrahydrofuran
Concen: 230.729 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

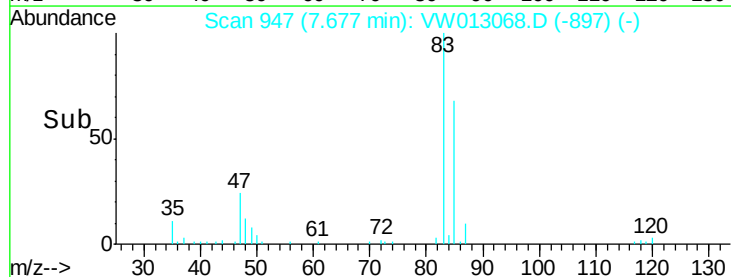
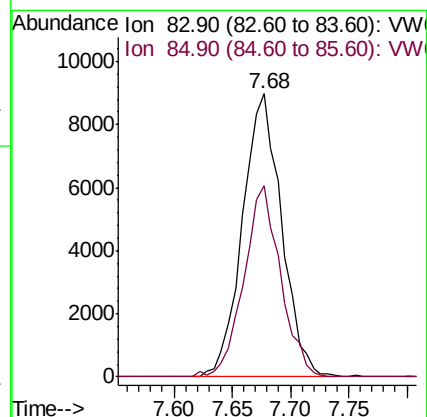
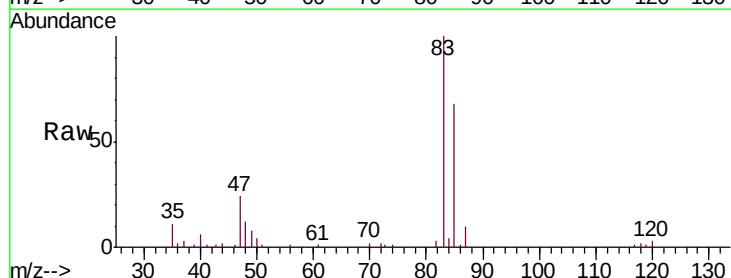
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

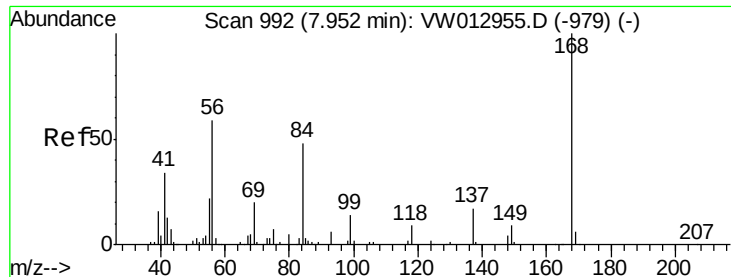
Tgt Ion: 42 Resp: 9540
Ion Ratio Lower Upper
42 100
72 41.0 31.4 47.0
71 38.0 29.8 44.8



#30
Chloroform
Concen: 53.083 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 83 Resp: 20919
Ion Ratio Lower Upper
83 100
85 67.7 52.8 79.2

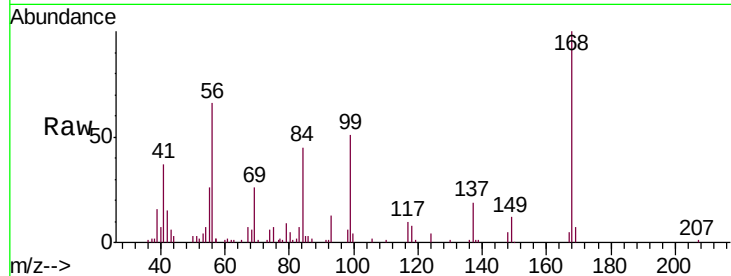




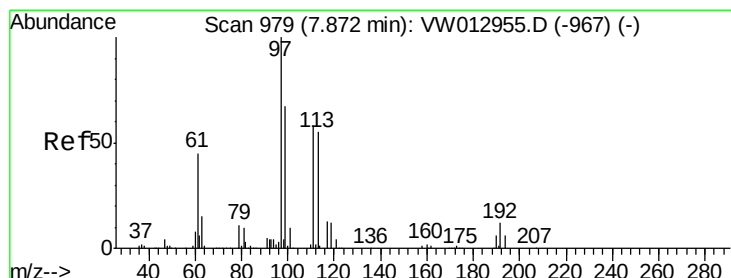
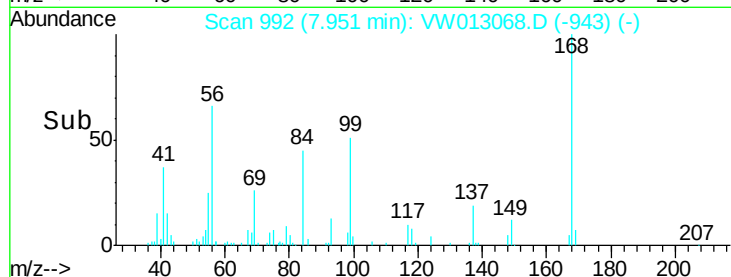
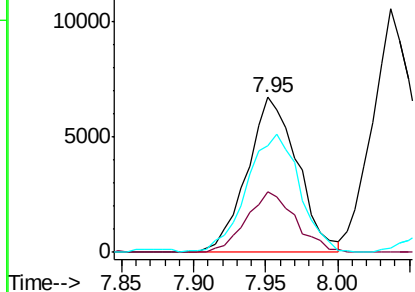
#31
Cyclohexane
Concen: 56.363 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tgt Ion: 56 Resp: 16252
Ion Ratio Lower Upper
56 100
69 39.2 27.0 40.6
84 67.0 66.2 99.2

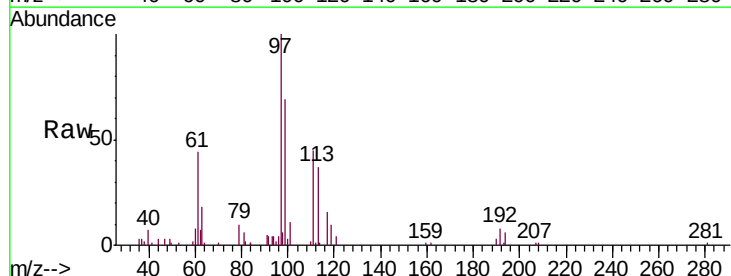


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

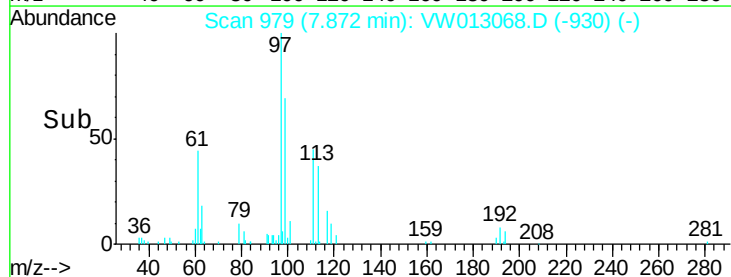
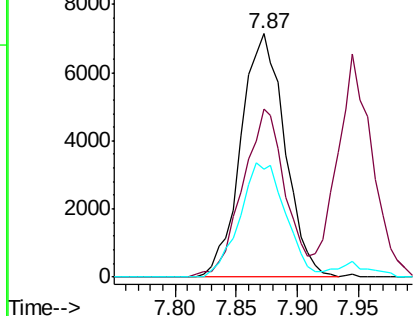


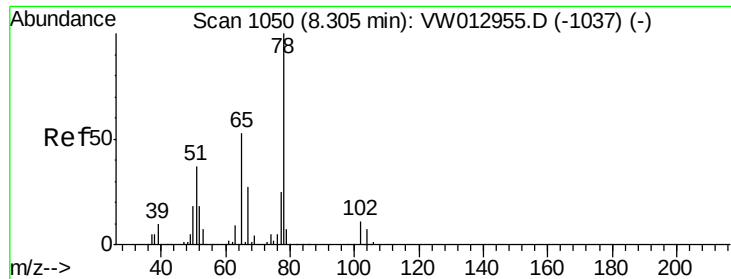
#32
1,1,1-Trichloroethane
Concen: 54.928 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 97 Resp: 17826
Ion Ratio Lower Upper
97 100
99 66.6 53.0 79.4
61 49.0 36.5 54.7



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

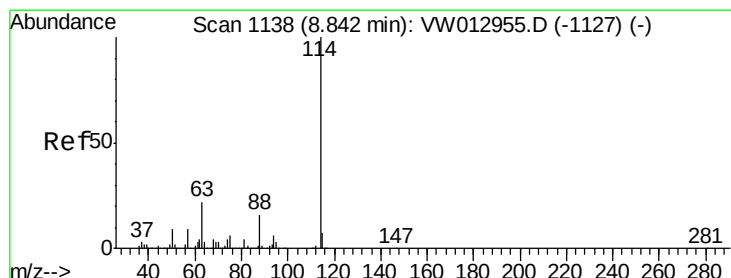
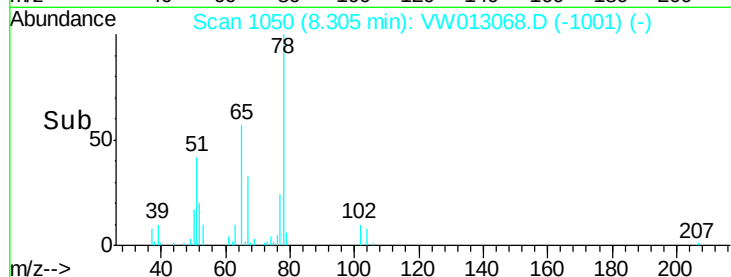
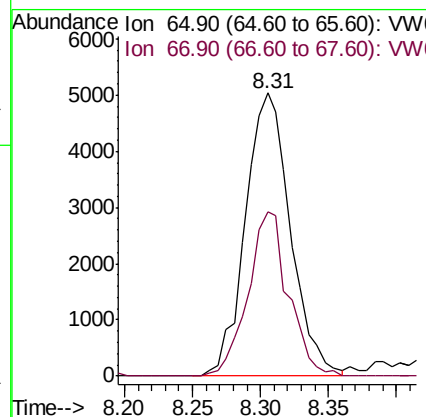
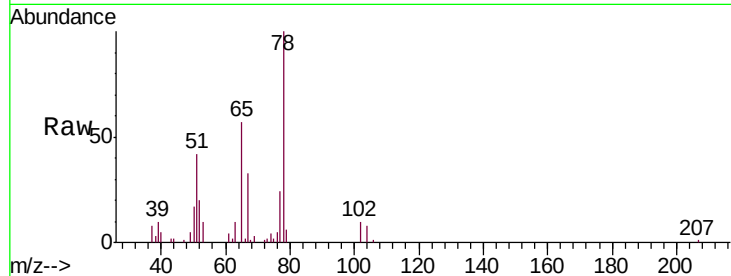




#33
 1,2-Dichloroethane-d4
 Concen: 51.062 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

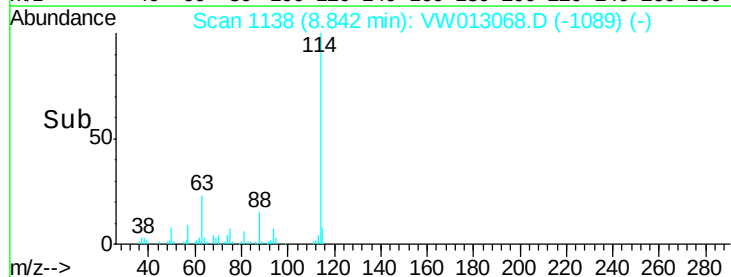
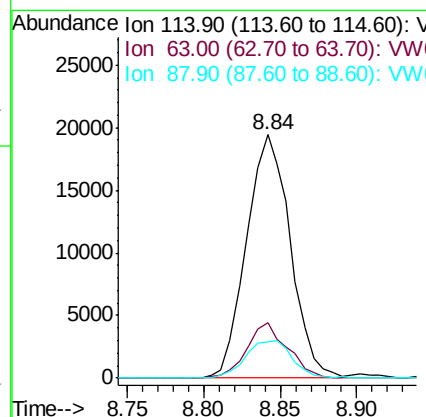
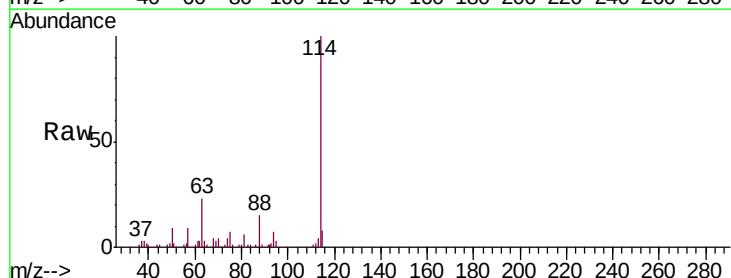
Instrument :
 MSVOA_W
 ClientSampled :
 SB-3C-(9)MS

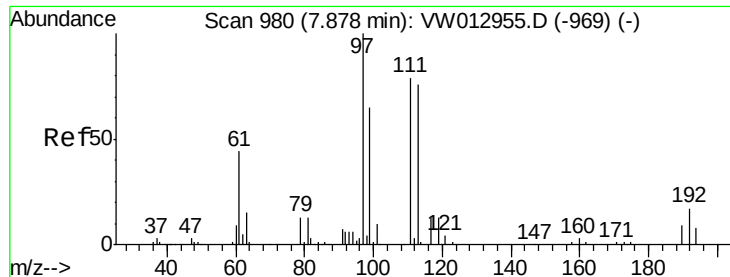
Tgt Ion: 65 Resp: 11653
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 114 Resp: 38671
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.4
 88 14.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.146 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

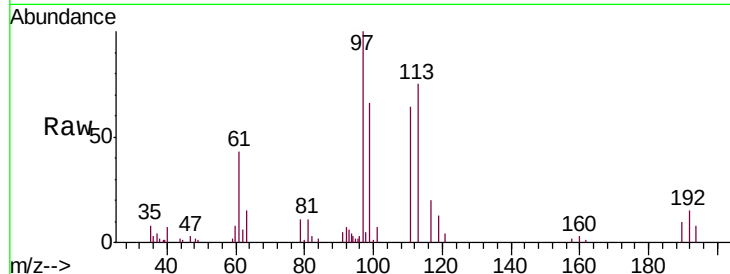
Tgt Ion:113 Resp: 9683

Ion Ratio Lower Upper

113 100

111 97.1 82.8 124.2

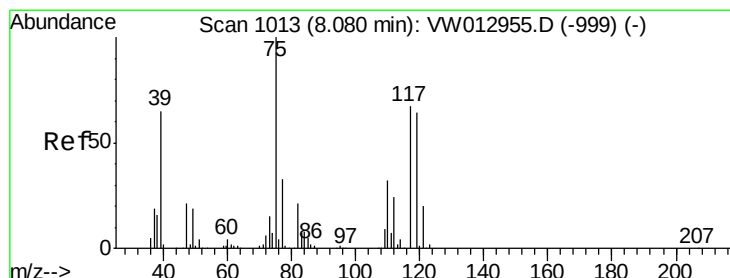
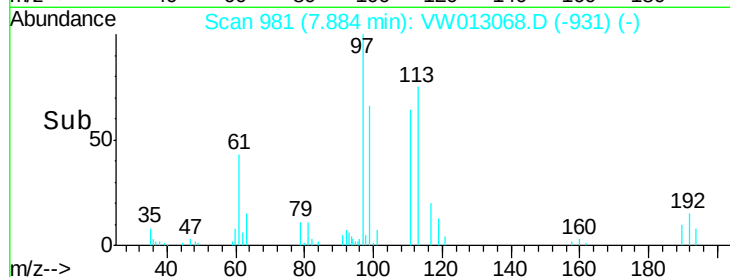
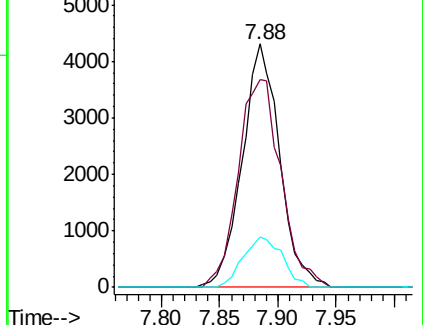
192 21.6 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.988 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

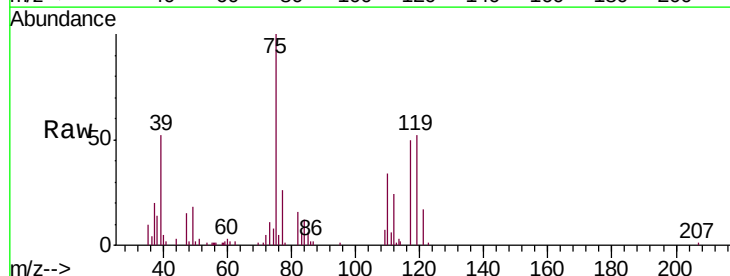
Tgt Ion: 75 Resp: 14520

Ion Ratio Lower Upper

75 100

110 33.3 16.4 49.1

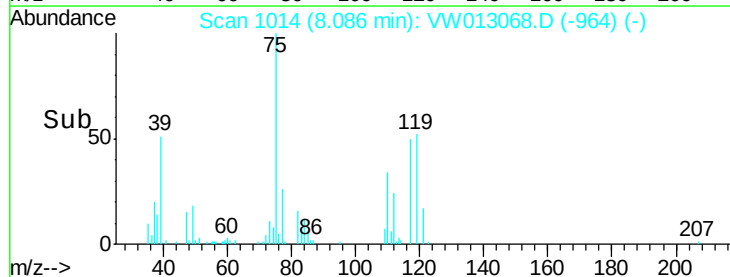
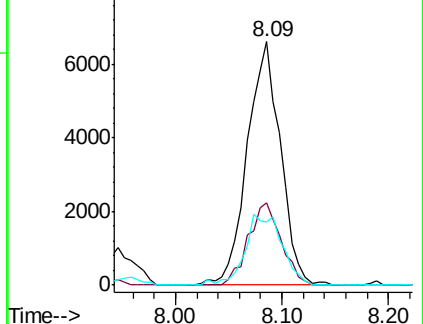
77 32.2 25.1 37.7

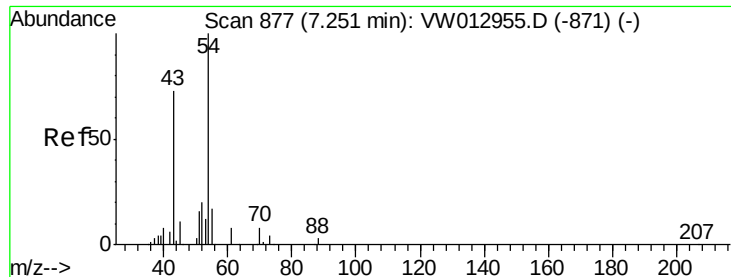


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 36.812 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

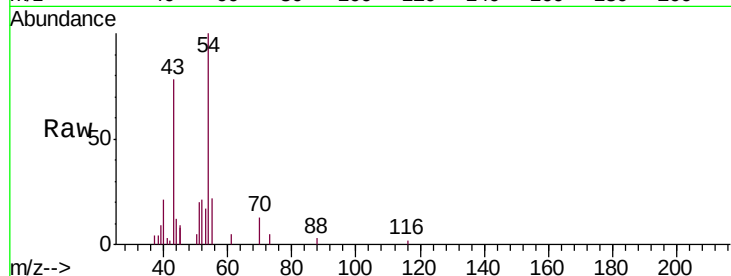
Tgt Ion: 43 Resp: 6038

Ion Ratio Lower Upper

43 100

61 0.0 9.6 14.4#

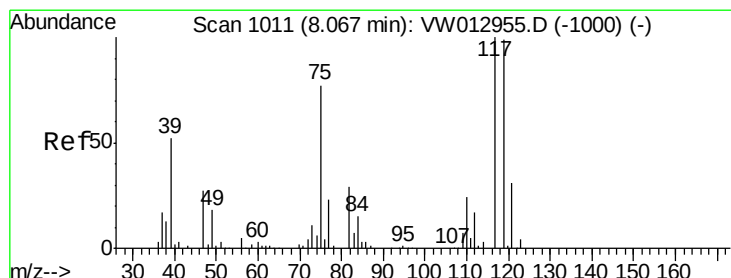
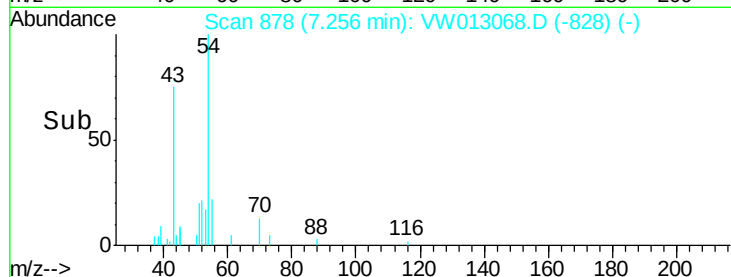
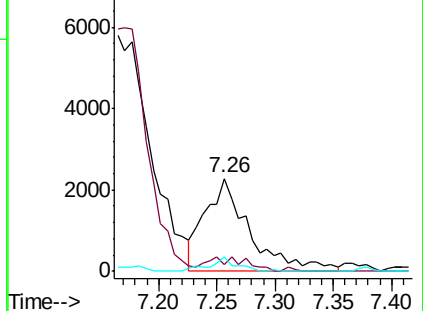
70 8.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 46.171 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

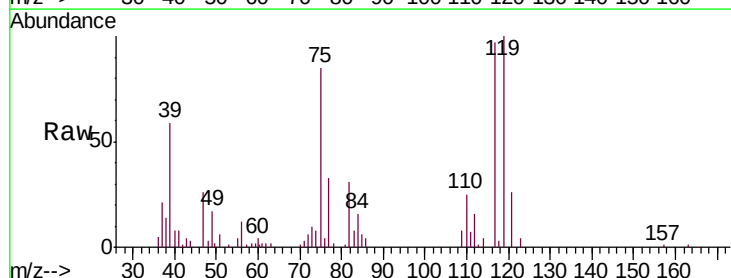
Tgt Ion: 117 Resp: 14621

Ion Ratio Lower Upper

117 100

119 103.3 79.4 119.0

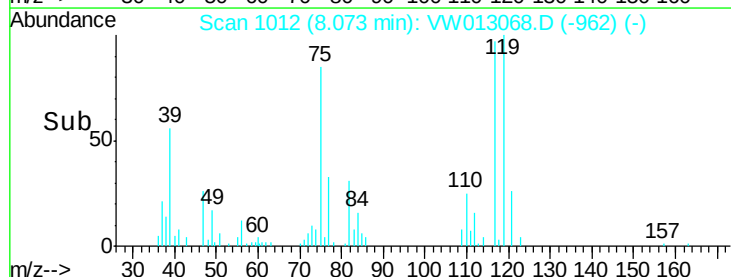
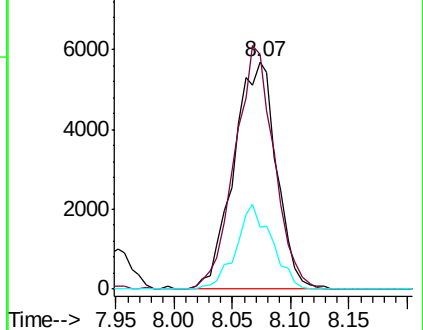
121 27.1 24.6 36.8

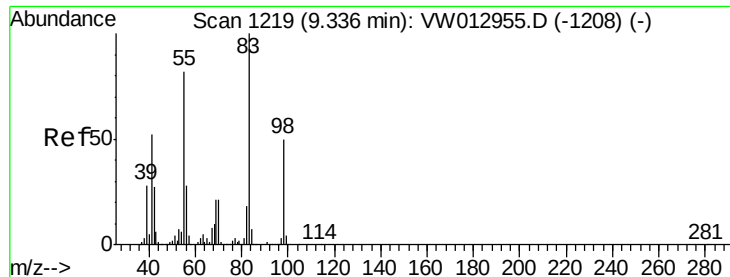


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

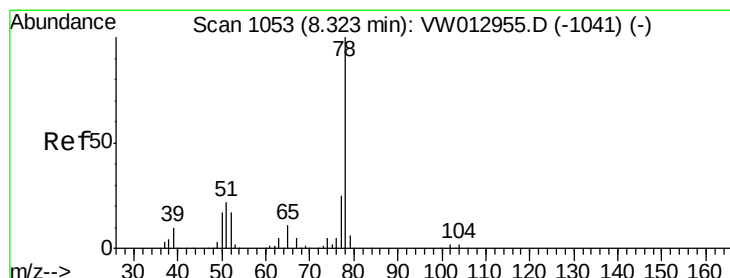
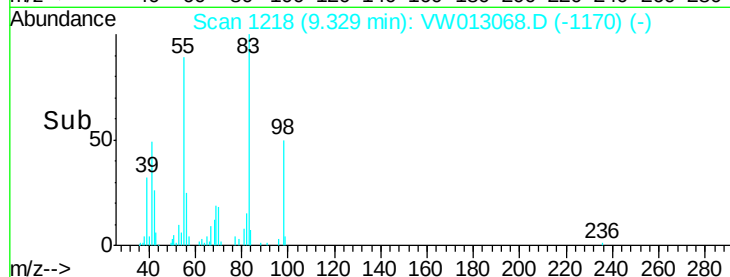
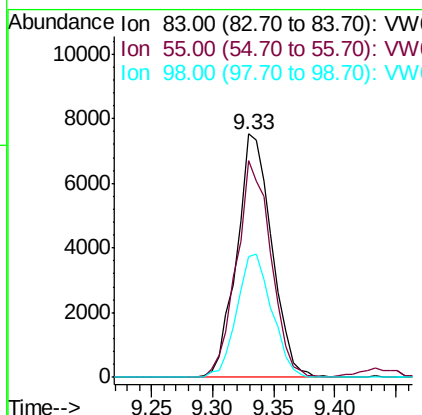
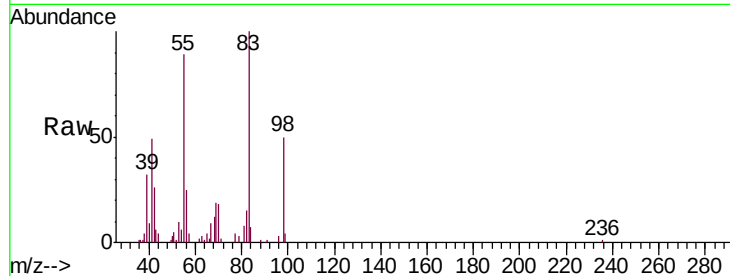




#39
Methylcyclohexane
Concen: 44.239 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

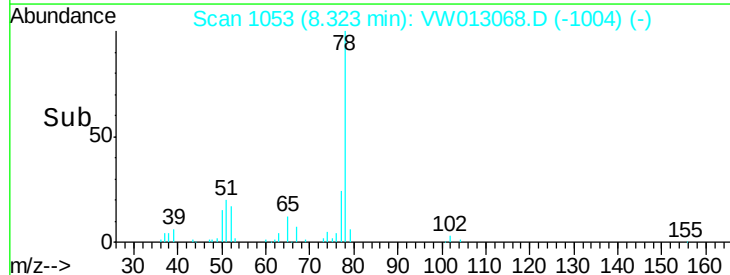
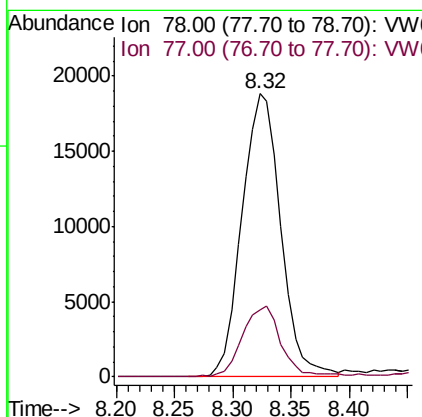
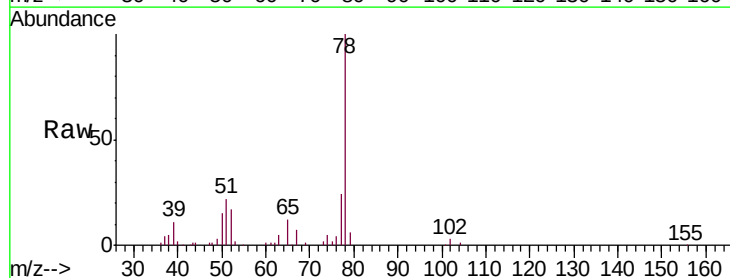
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

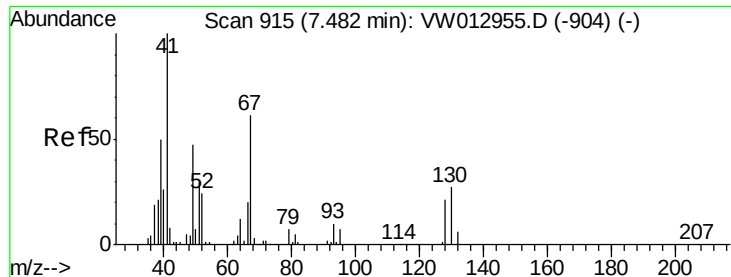
Tgt Ion: 83 Resp: 14980
Ion Ratio Lower Upper
83 100
55 88.9 65.9 98.9
98 49.8 39.6 59.4



#40
Benzene
Concen: 50.706 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 78 Resp: 43742
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4

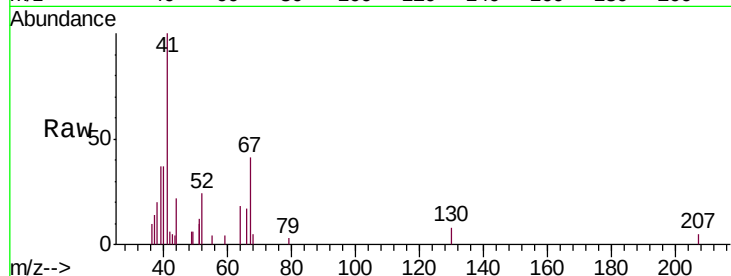




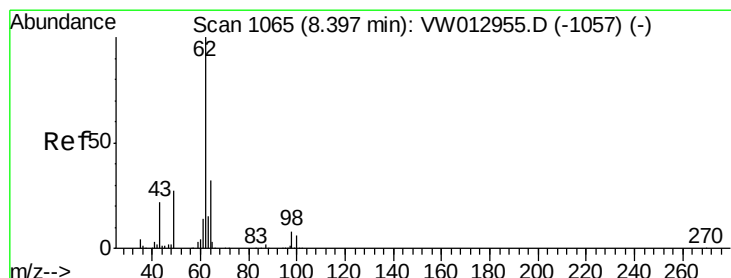
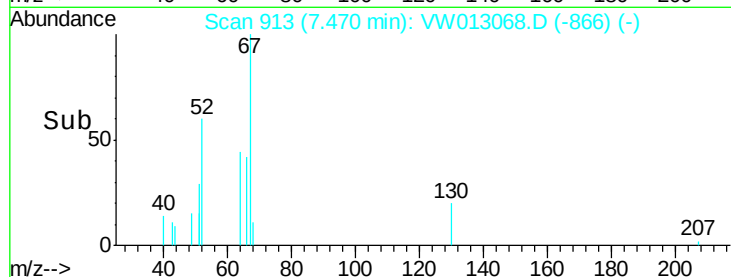
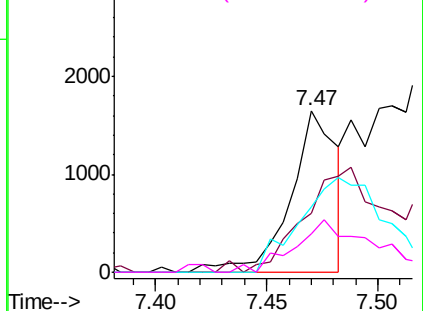
#41
Methacrylonitrile
Concen: 22.145 ug/l
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tgt Ion: 41 Resp: 2392
Ion Ratio Lower Upper
41 100
39 109.8 48.2 72.4#
67 113.1 47.5 71.3#
52 55.3 21.0 31.4#

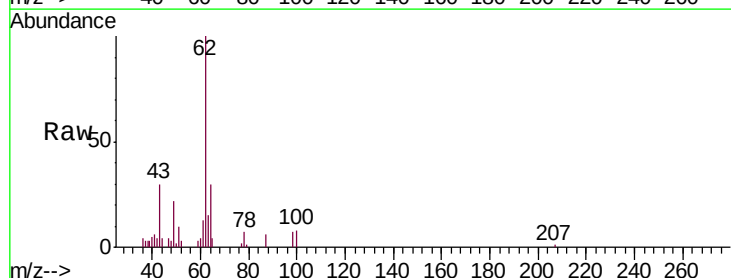


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

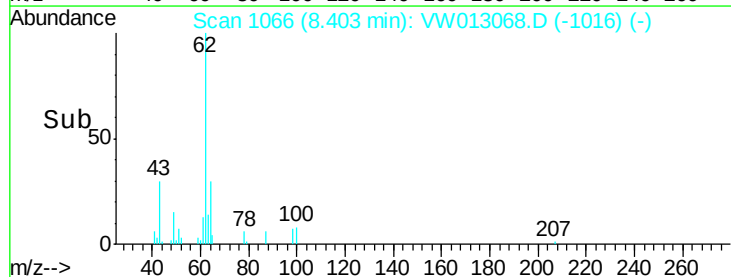
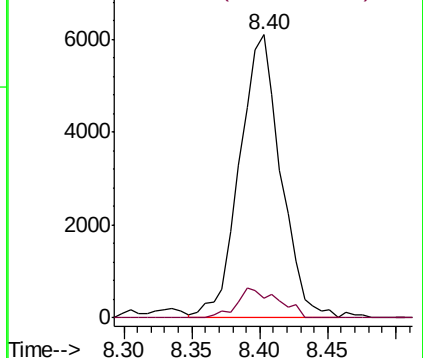


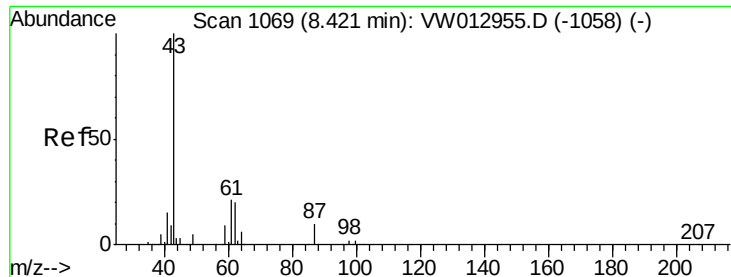
#42
1,2-Dichloroethane
Concen: 44.716 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 62 Resp: 12931
Ion Ratio Lower Upper
62 100
98 10.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 38.622 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

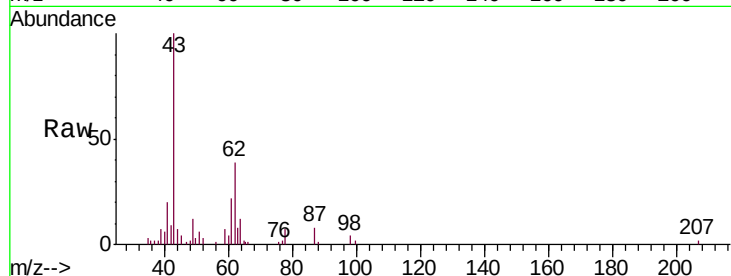
Tgt Ion: 43 Resp: 12163

Ion Ratio Lower Upper

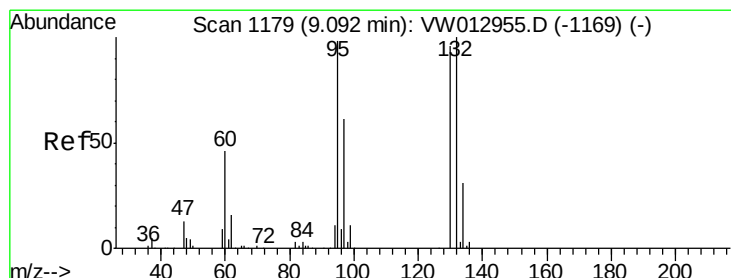
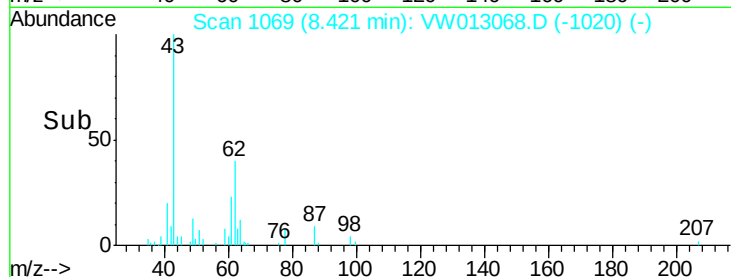
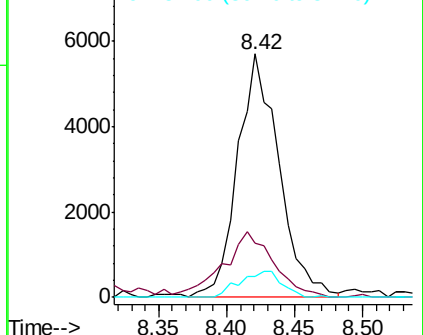
43 100

61 32.7 22.7 34.1

87 10.9 9.4 14.2



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: 65.161 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013068.D

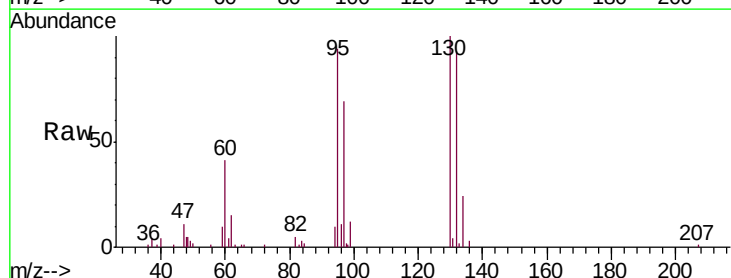
Acq: 17 Sep 2019 04:30

Tgt Ion: 130 Resp: 15397

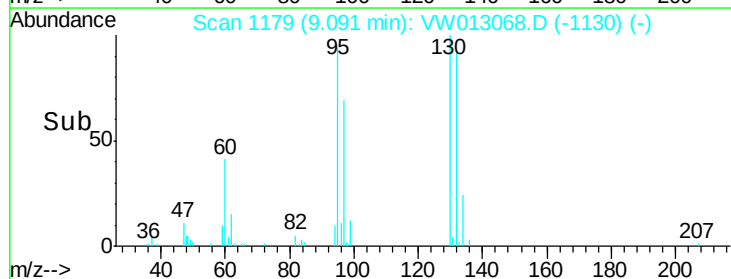
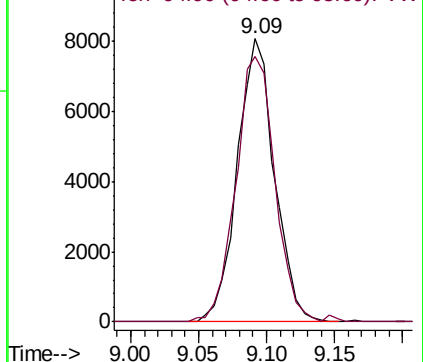
Ion Ratio Lower Upper

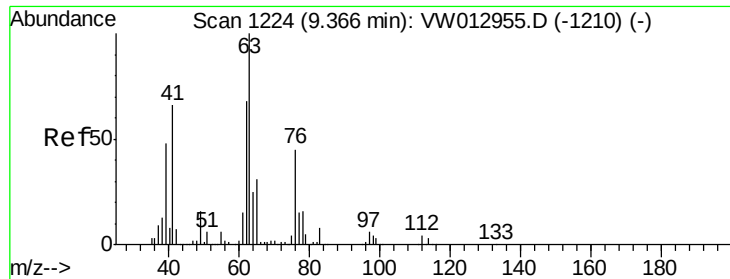
130 100

95 93.6 0.0 204.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

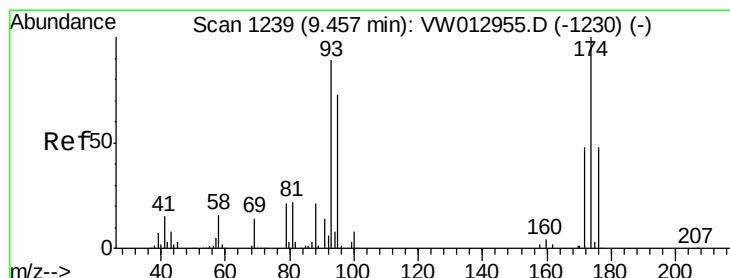
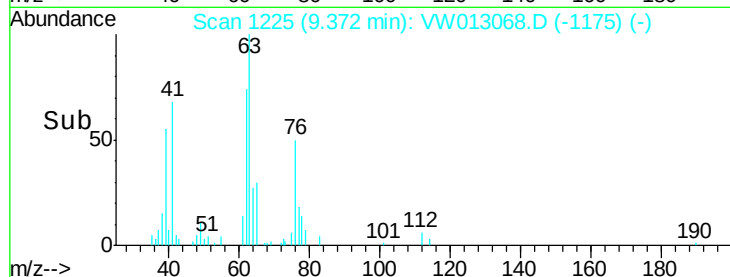
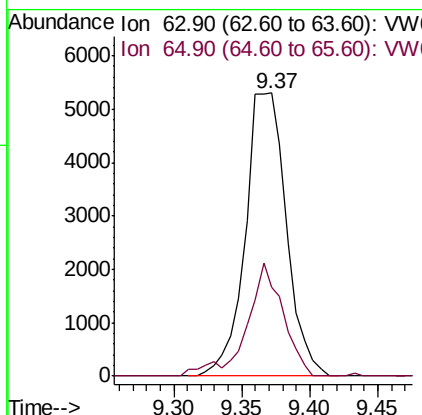
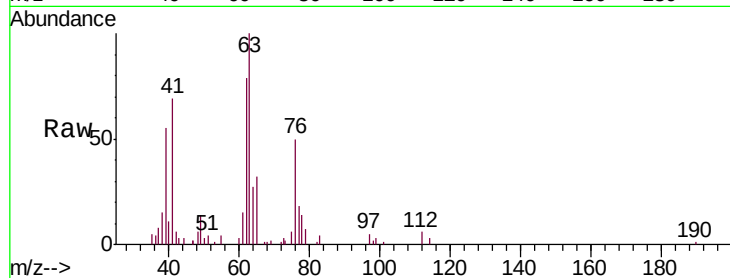




#45
 1,2-Dichloropropane
 Concen: 49.063 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

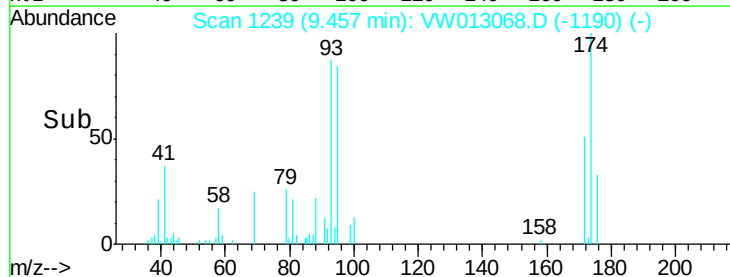
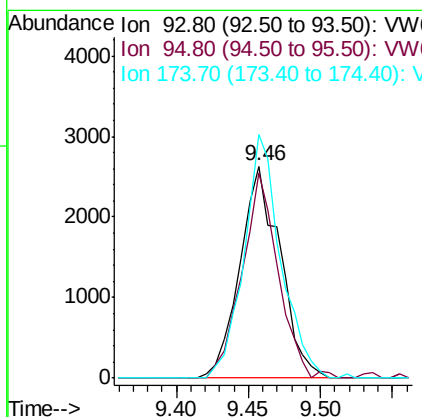
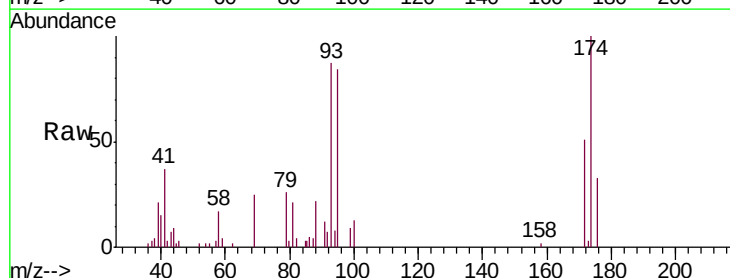
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

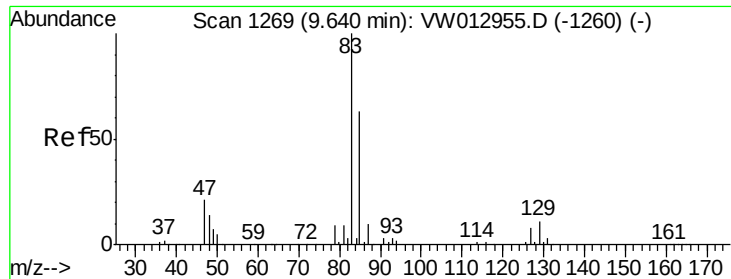
Tgt Ion: 63 Resp: 11245
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#46
 Dibromomethane
 Concen: 46.345 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 93 Resp: 5089
 Ion Ratio Lower Upper
 93 100
 95 86.8 67.0 100.4
 174 105.0 90.5 135.7

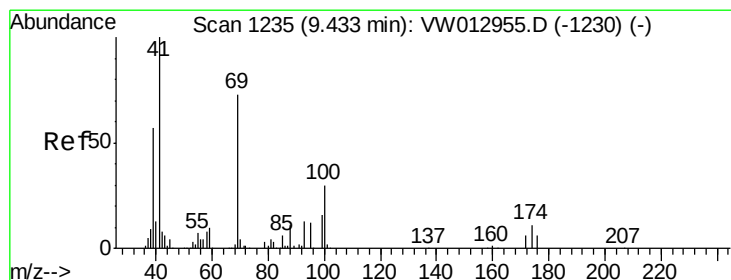
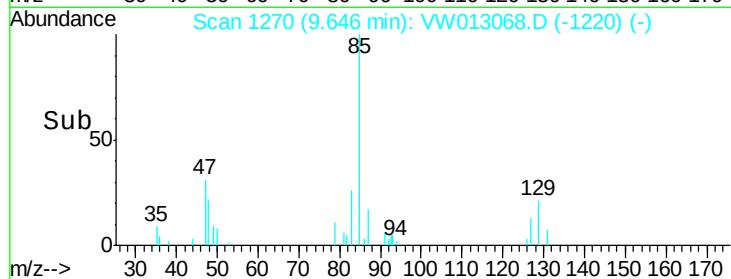
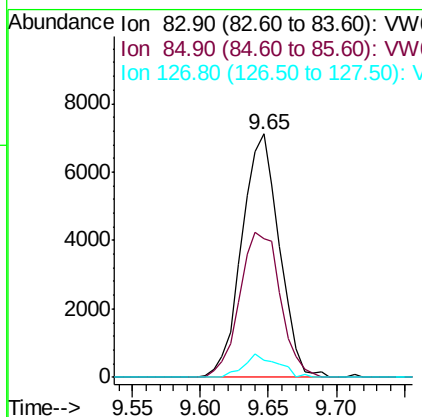
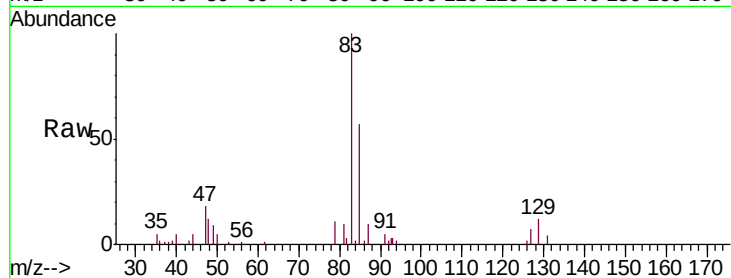




#47
 Bromodichloromethane
 Concen: 44.482 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

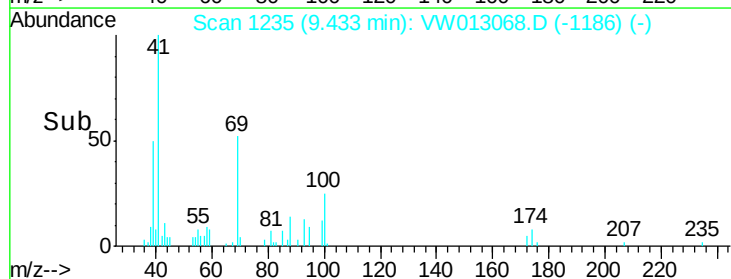
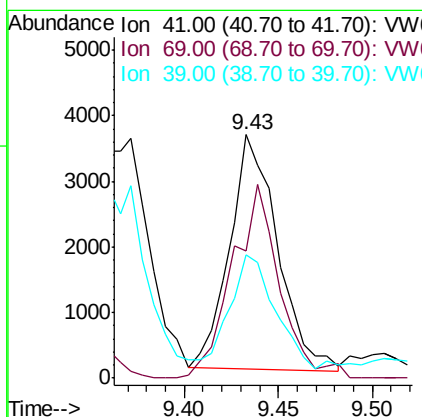
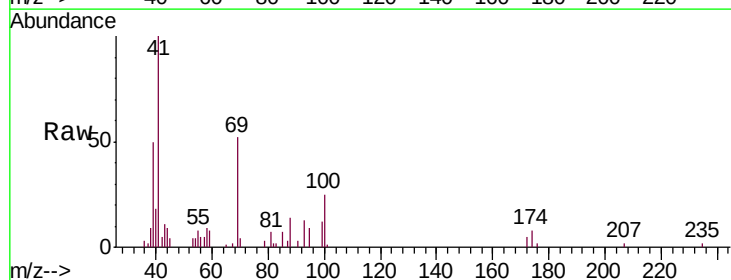
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

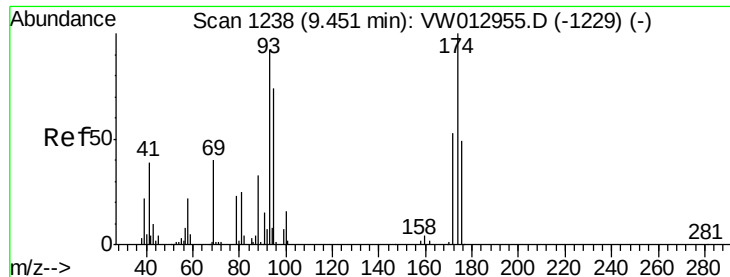
Tgt Ion: 83 Resp: 13701
 Ion Ratio Lower Upper
 83 100
 85 56.8 50.6 75.8
 127 7.2 6.7 10.1



#48
 Methyl methacrylate
 Concen: 42.517 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 41 Resp: 6284
 Ion Ratio Lower Upper
 41 100
 69 81.9 62.8 94.2
 39 53.9 48.5 72.7





#49

1,4-Dioxane

Concen: 910.340 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

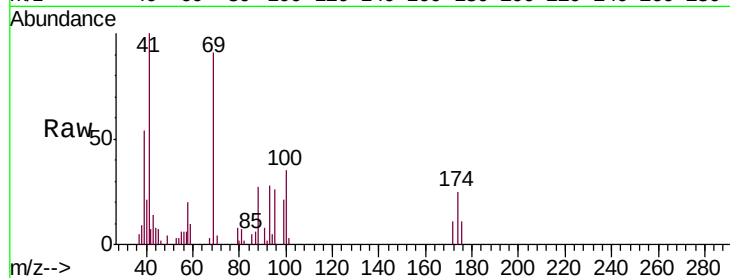
Tgt Ion: 88 Resp: 1675

Ion Ratio Lower Upper

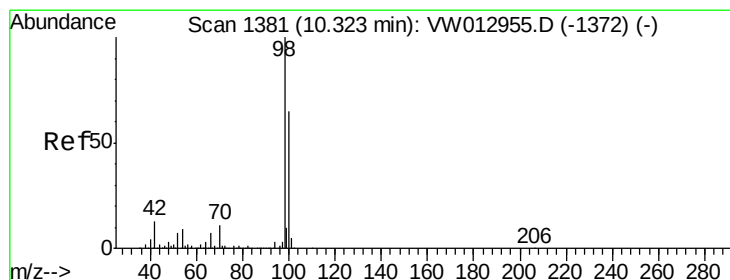
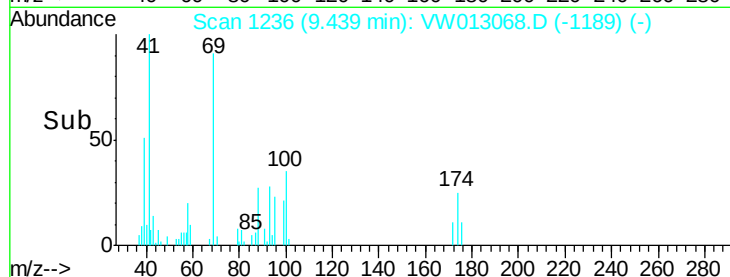
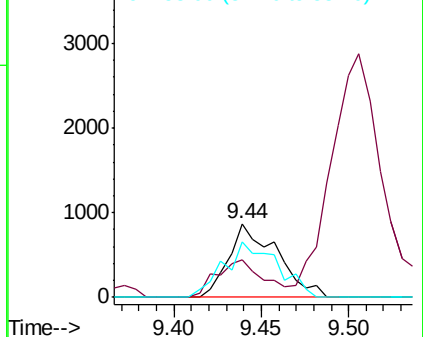
88 100

43 49.0 31.3 46.9#

58 83.0 60.2 90.2



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: 50.755 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013068.D

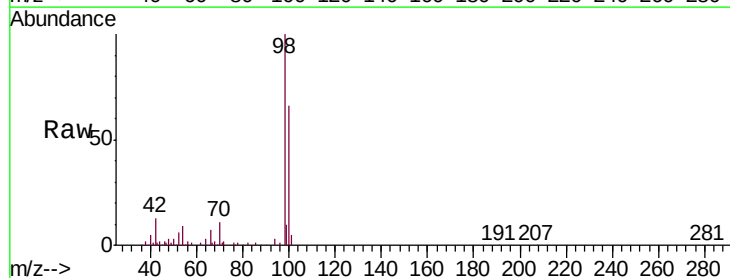
Acq: 17 Sep 2019 04:30

Tgt Ion: 98 Resp: 41675

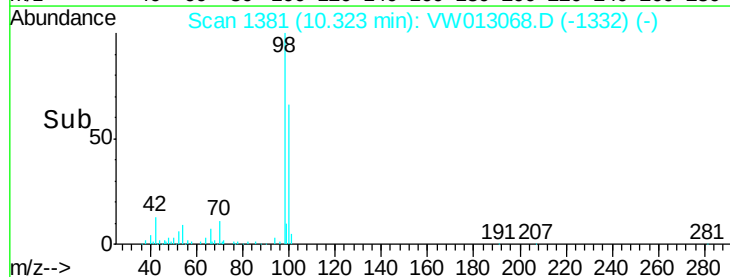
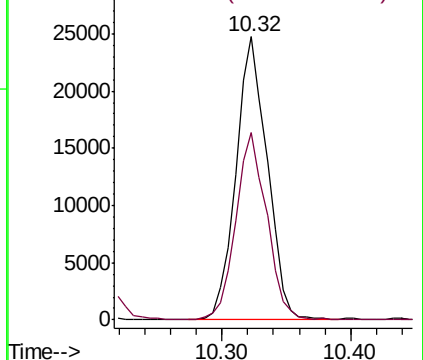
Ion Ratio Lower Upper

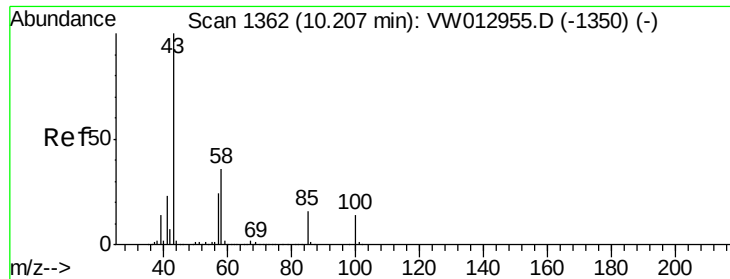
98 100

100 65.4 52.1 78.1



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

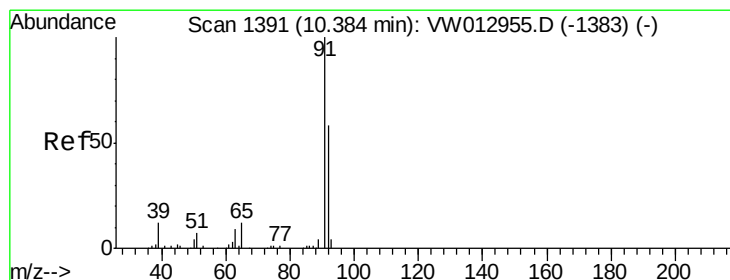
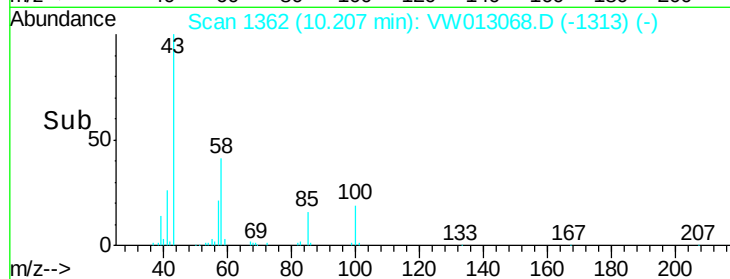
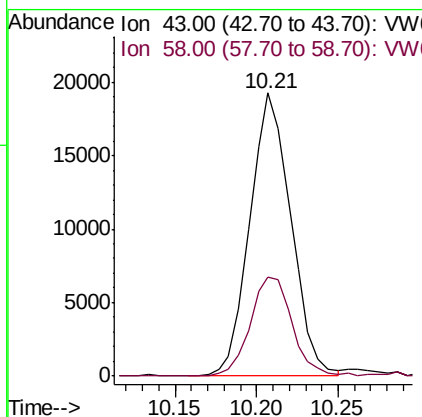
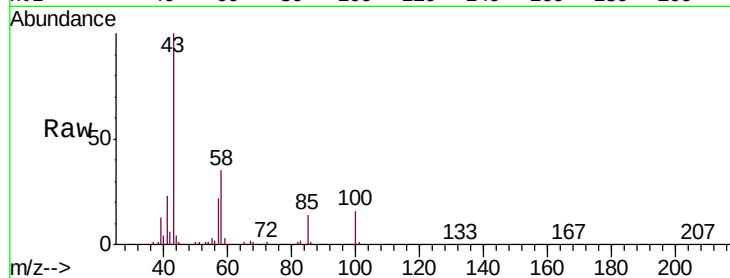




#51
 4-Methyl-2-Pentanone
 Concen: 208.211 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

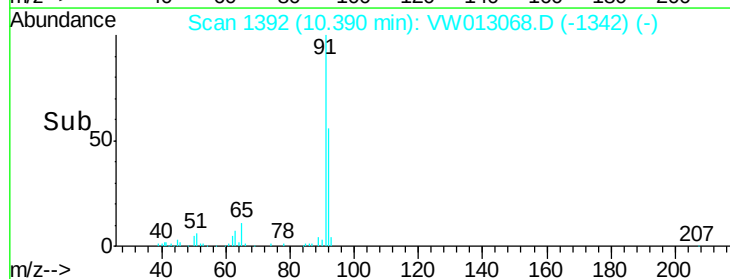
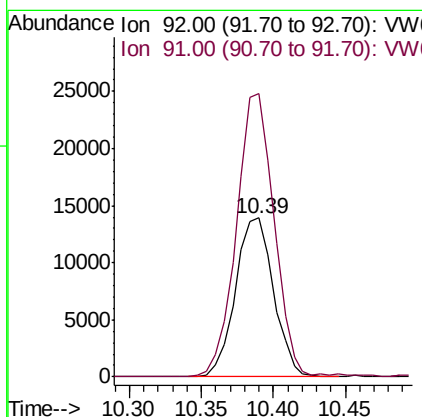
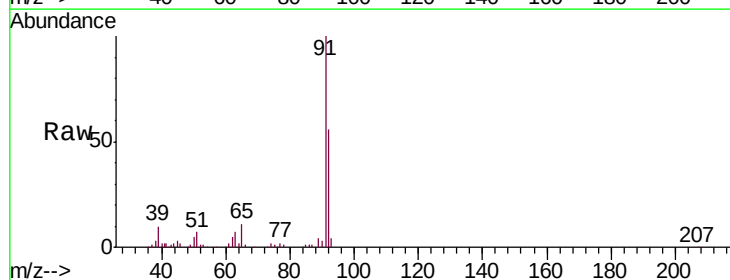
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

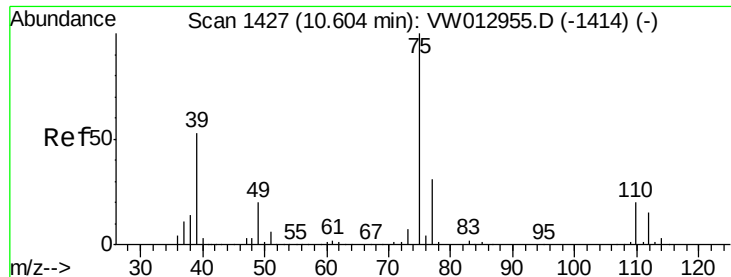
Tgt Ion: 43 Resp: 33853
 Ion Ratio Lower Upper
 43 100
 58 35.6 29.5 44.3



#52
 Toluene
 Concen: 46.613 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 92 Resp: 25552
 Ion Ratio Lower Upper
 92 100
 91 177.2 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 37.153 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

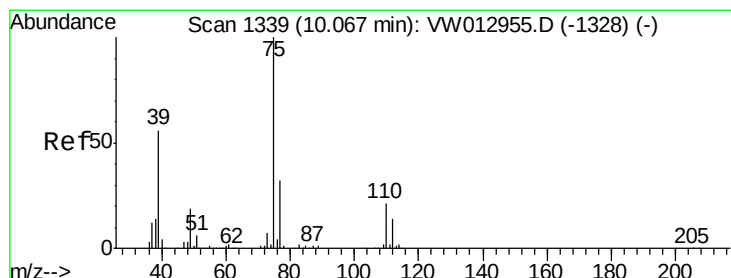
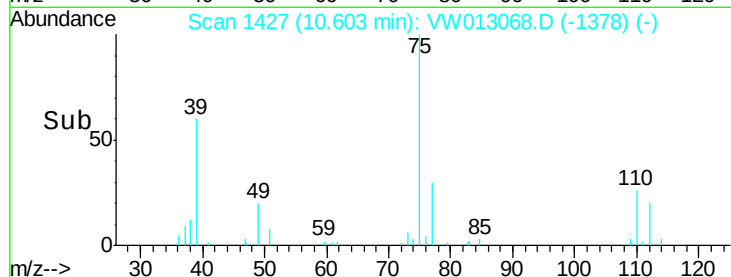
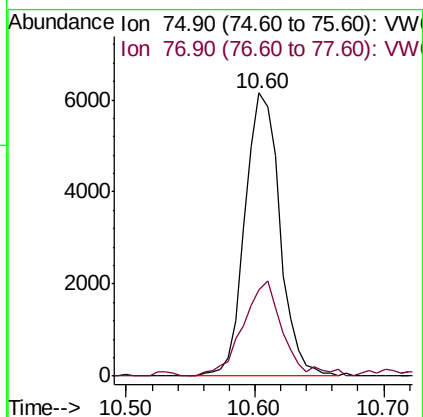
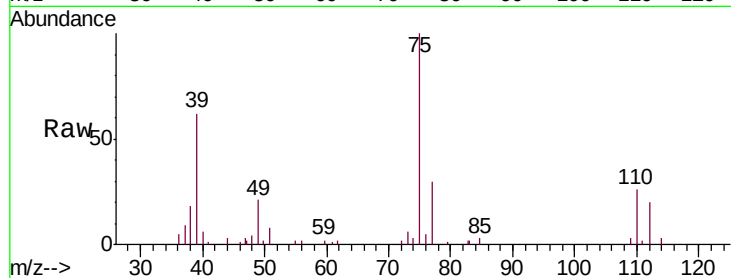
SB-3C-(9)MS

Tgt Ion: 75 Resp: 11509

Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 41.144 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

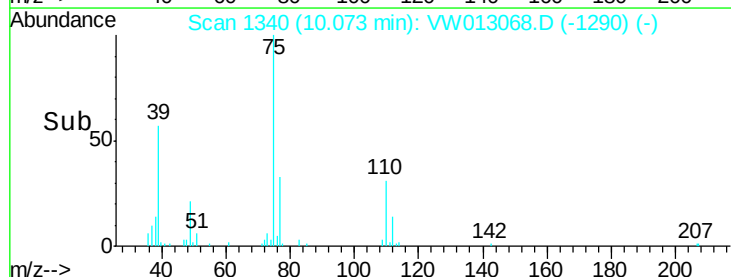
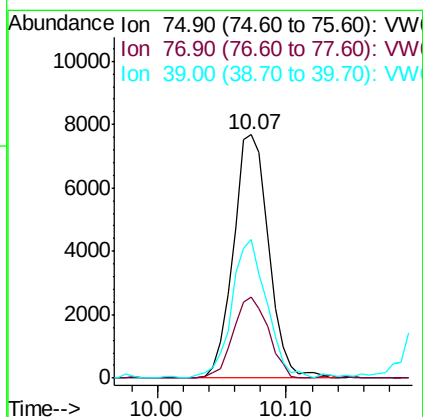
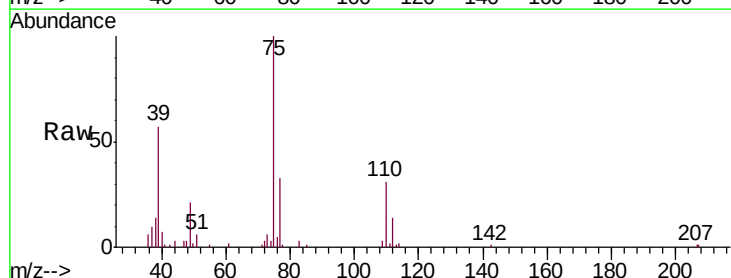
Tgt Ion: 75 Resp: 14583

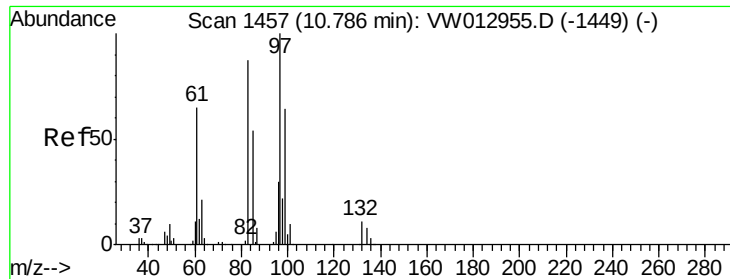
Ion Ratio Lower Upper

75 100

77 33.4 25.5 38.3

39 56.8 45.0 67.6

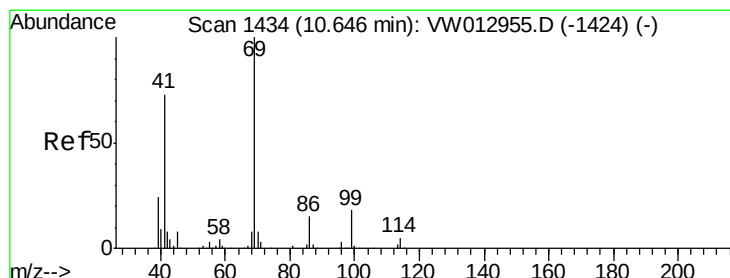
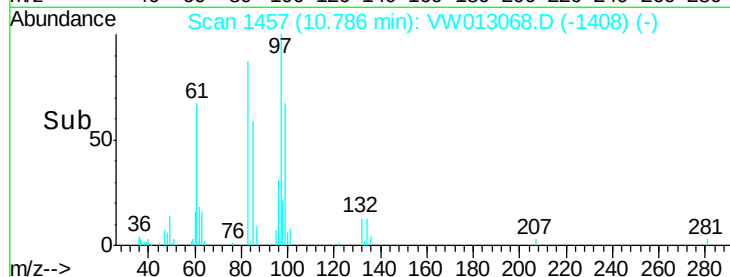
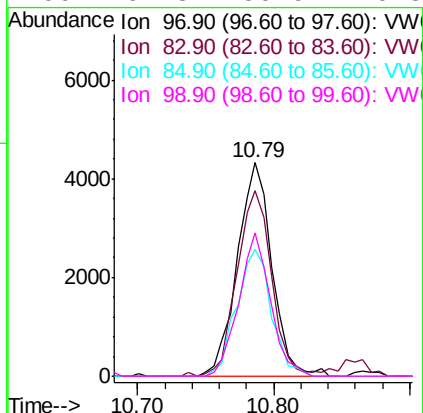
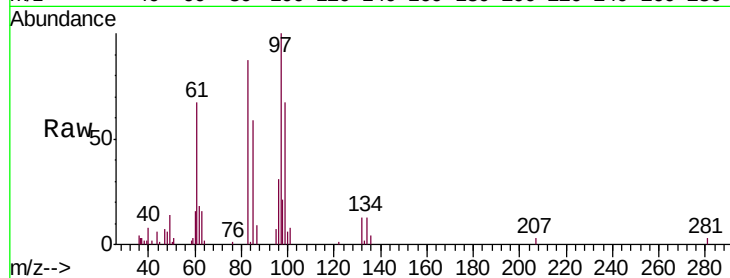




#55
 1,1,2-Trichloroethane
 Concen: 45.941 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

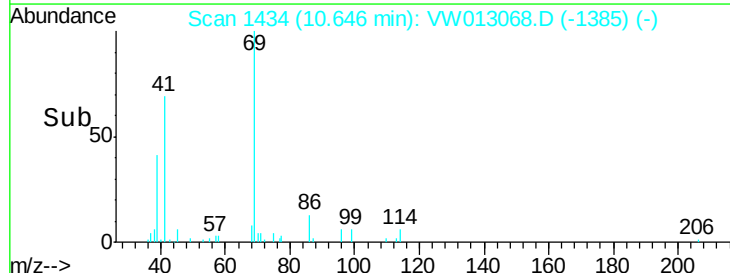
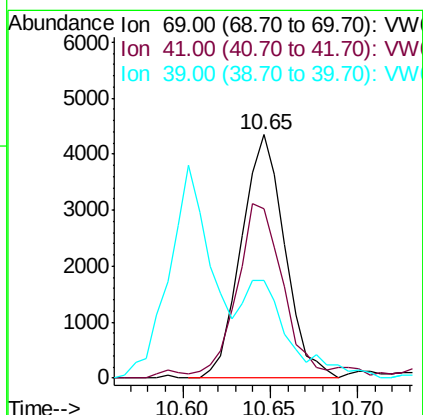
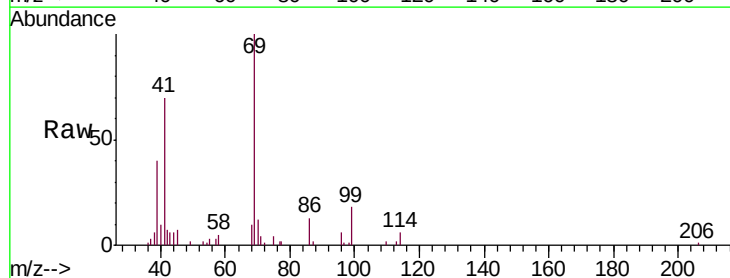
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

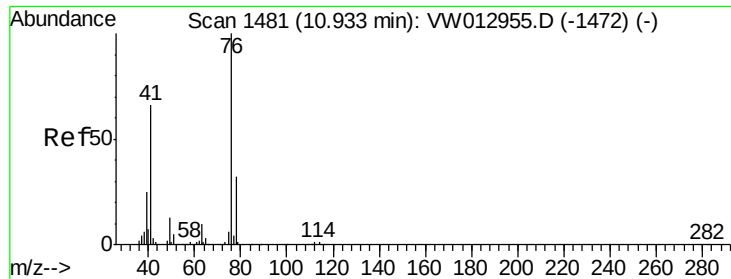
Tgt Ion:	97	Resp:	7685
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.4	104.0
85	59.3	43.3	64.9
99	67.3	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 33.273 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion:	69	Resp:	7492
Ion	Ratio	Lower	Upper
69	100		
41	71.2	60.8	91.2
39	44.1	29.4	44.0#

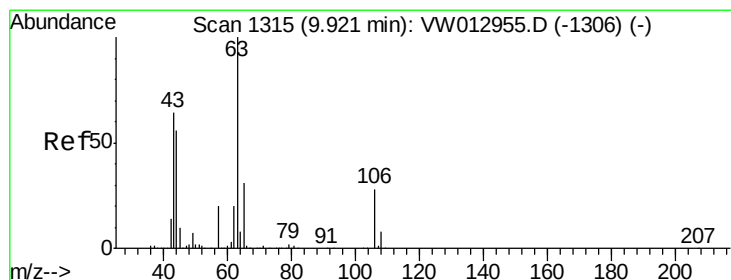
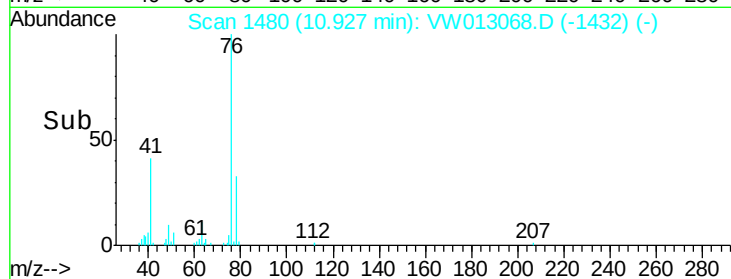
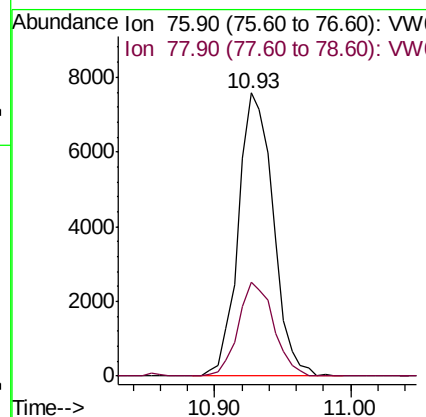
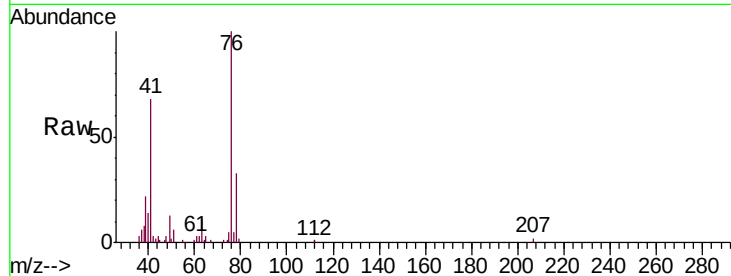




#57
 1,3-Dichloropropane
 Concen: 45.629 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

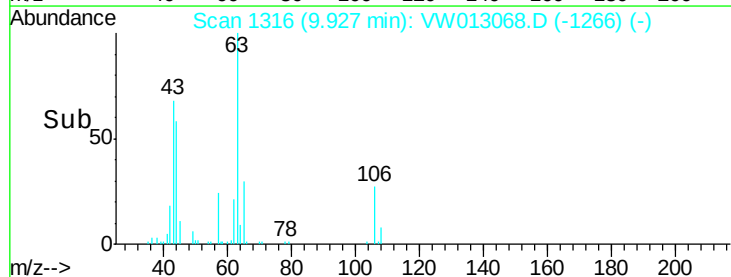
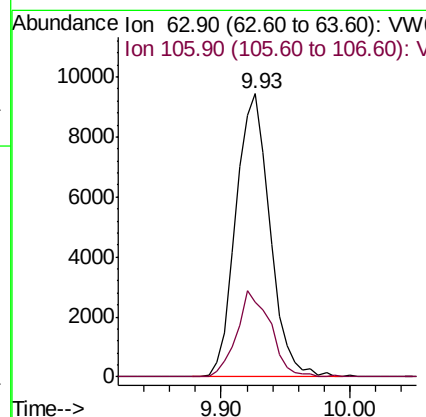
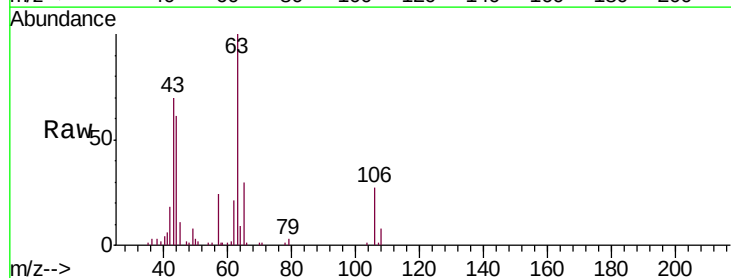
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

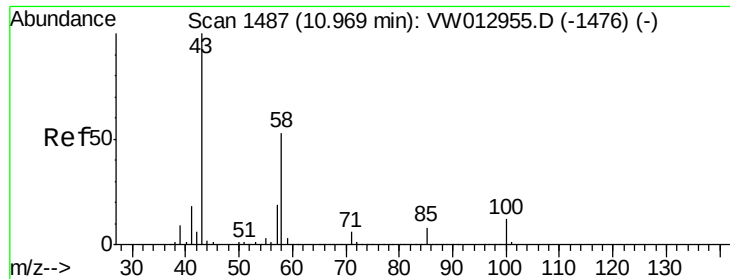
Tgt Ion: 76 Resp: 13540
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 143.751 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 63 Resp: 17363
 Ion Ratio Lower Upper
 63 100
 106 29.9 22.2 33.2





#59

2-Hexanone

Concen: 198.237 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

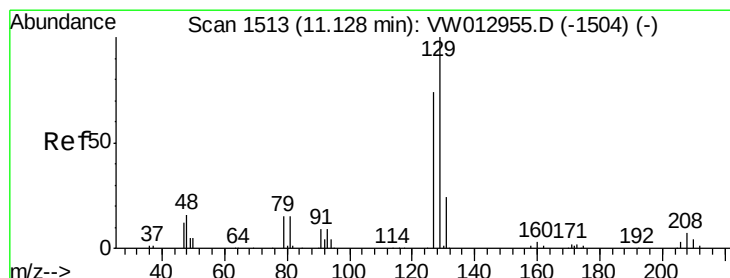
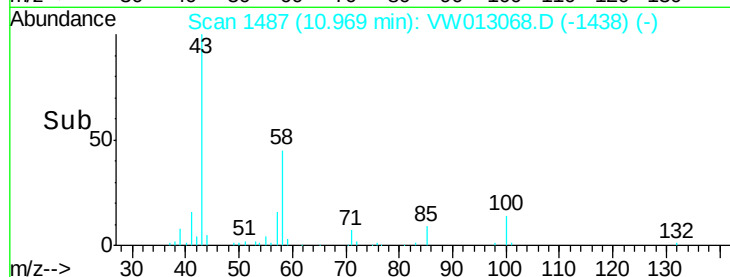
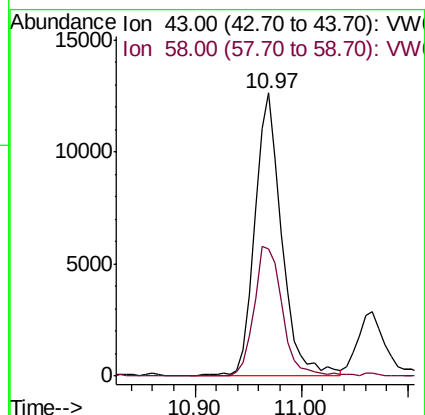
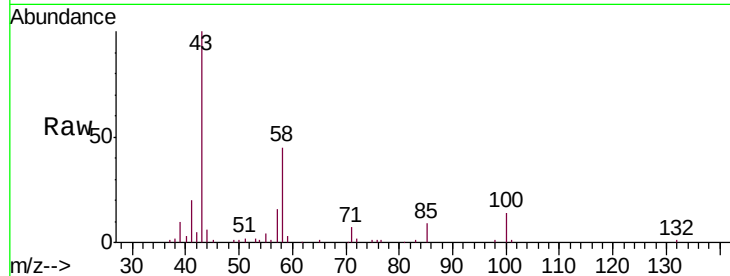
SB-3C-(9)MS

Tgt Ion: 43 Resp: 22443

Ion Ratio Lower Upper

43 100

58 47.6 25.8 77.3



#60

Dibromochloromethane

Concen: 41.663 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW013068.D

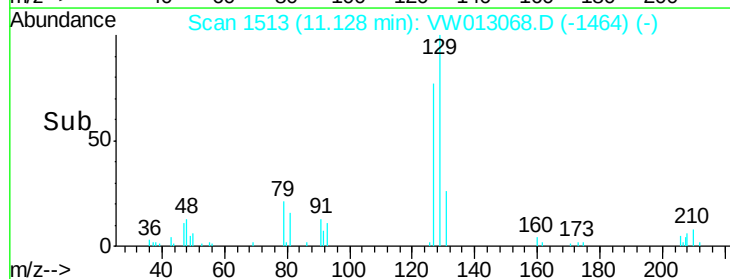
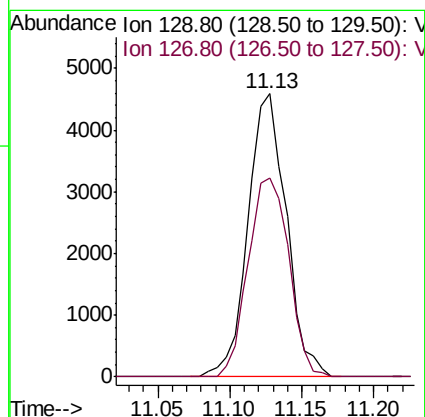
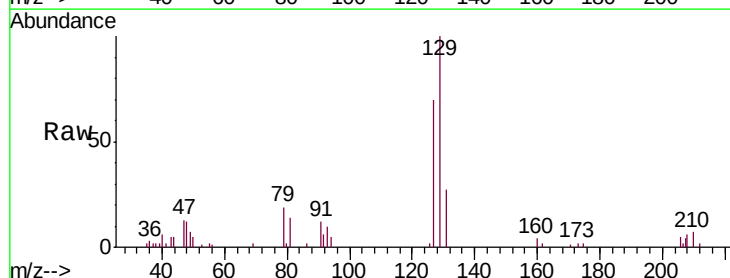
Acq: 17 Sep 2019 04:30

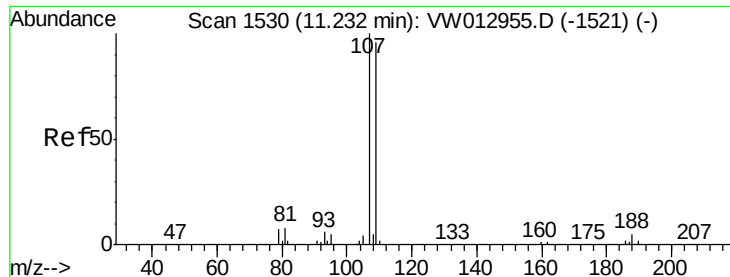
Tgt Ion: 129 Resp: 8426

Ion Ratio Lower Upper

129 100

127 74.8 37.4 112.2

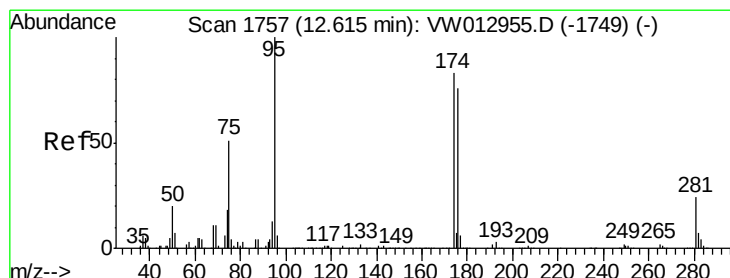
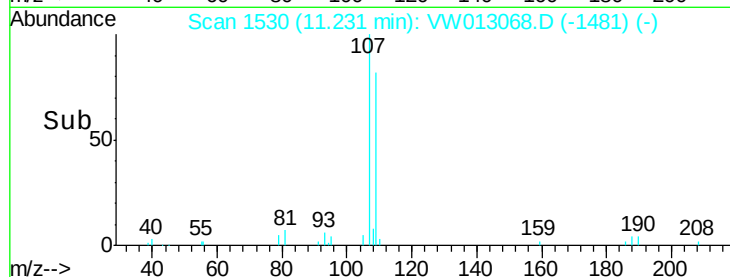
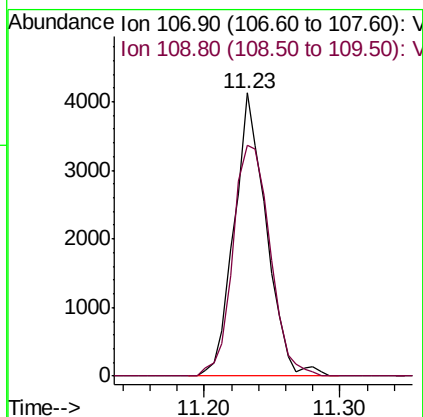
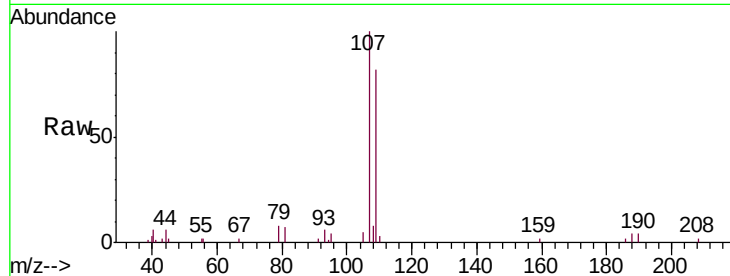




#61
 1,2-Dibromoethane
 Concen: 44.489 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

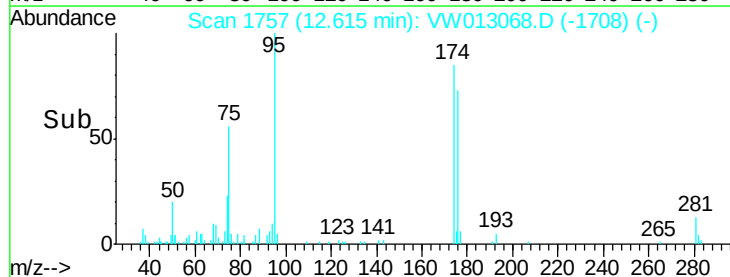
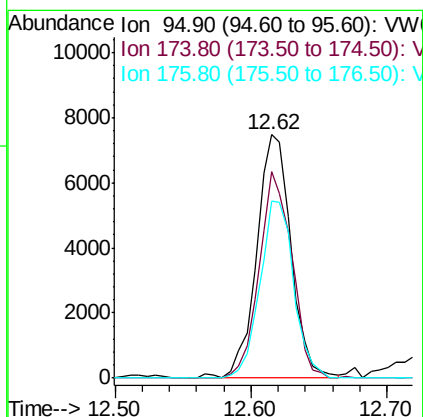
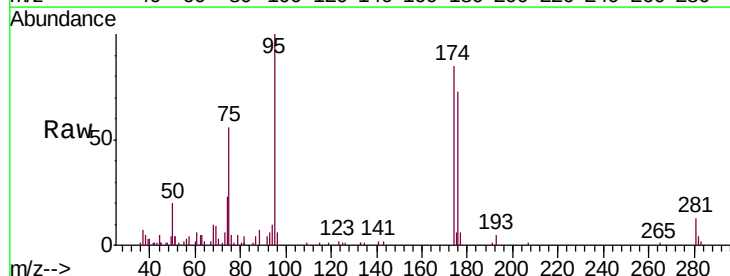
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

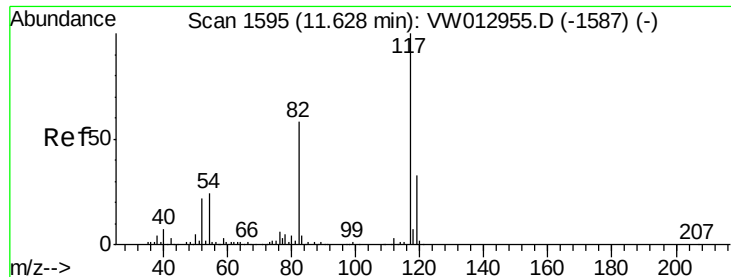
Tgt Ion: 107 Resp: 6789
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.040 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 95 Resp: 13298
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 170.4
 176 71.3 0.0 164.6

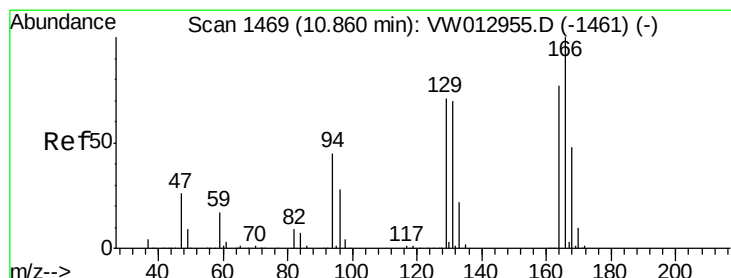
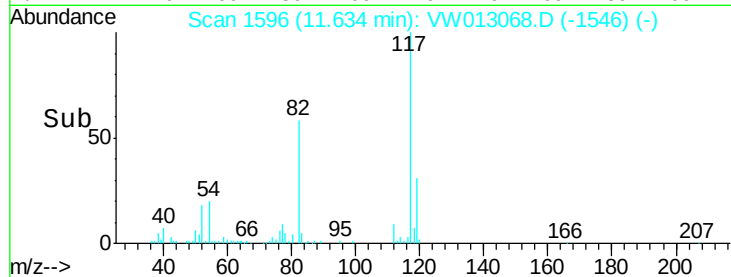
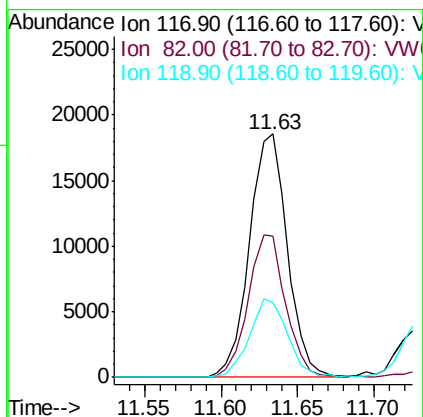
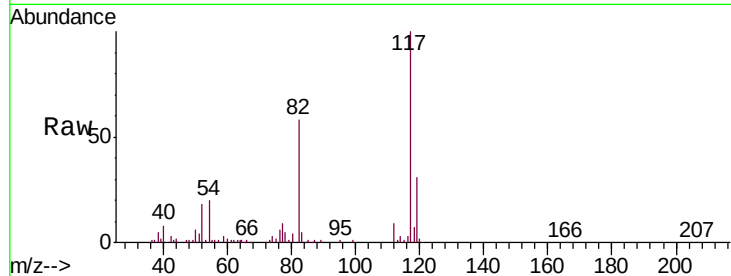




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

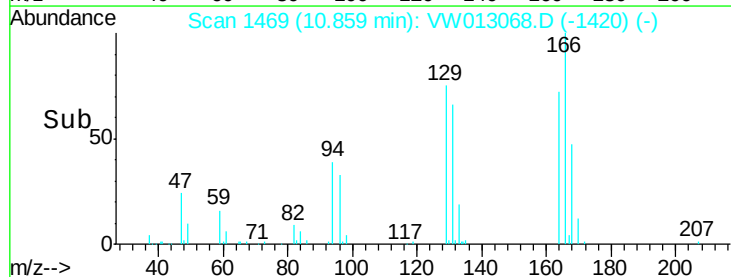
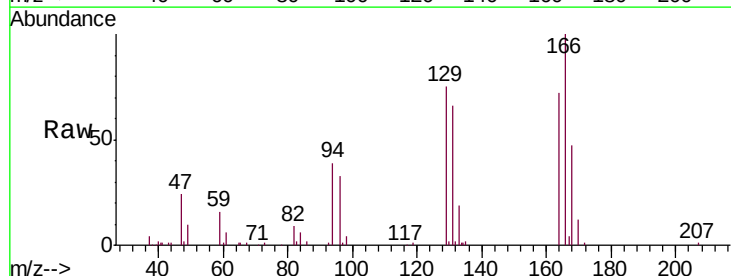
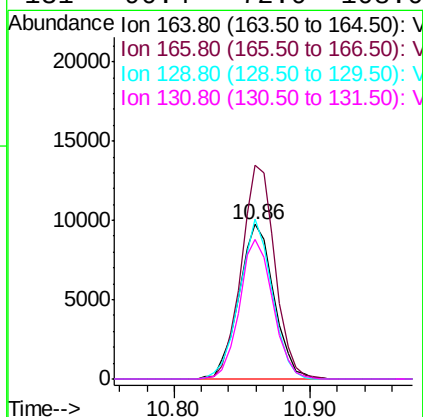
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

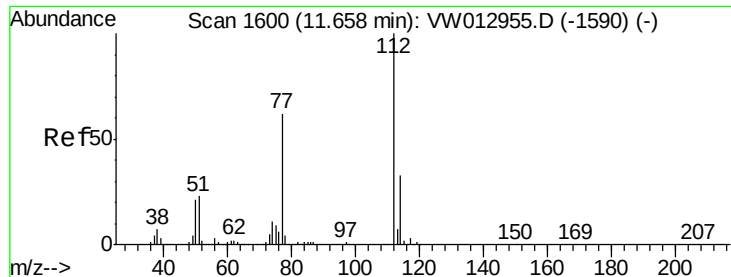
Tgt Ion:117 Resp: 31986
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 30.9 26.2 39.4



#64
Tetrachloroethene
Concen: 91.967 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion:164 Resp: 17500
Ion Ratio Lower Upper
164 100
166 138.0 103.3 154.9
129 103.8 73.8 110.8
131 90.4 72.0 108.0

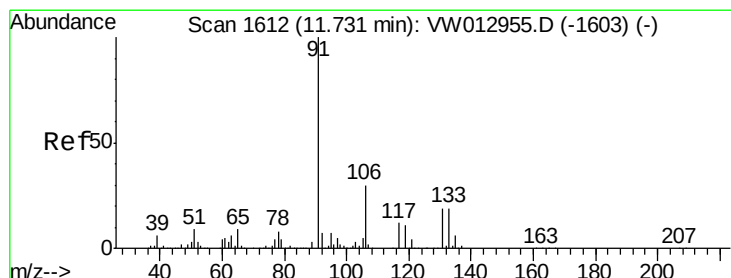
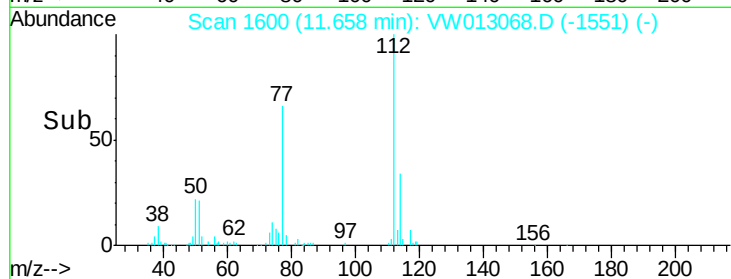
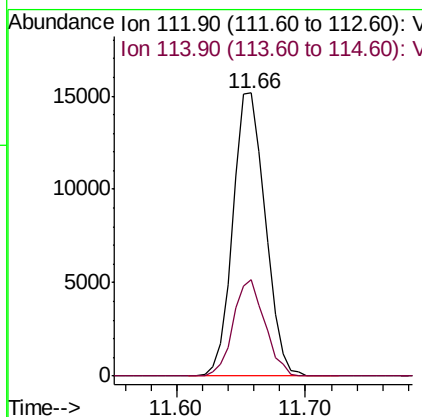
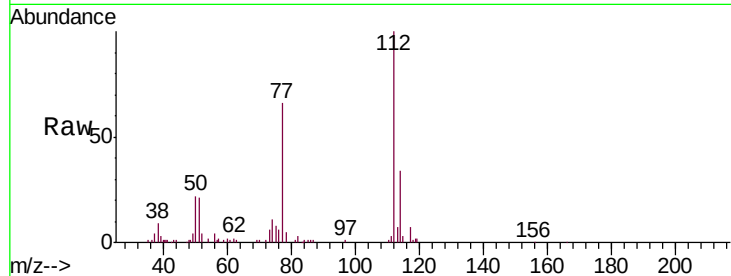




#65
Chlorobenzene
Concen: 46.512 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

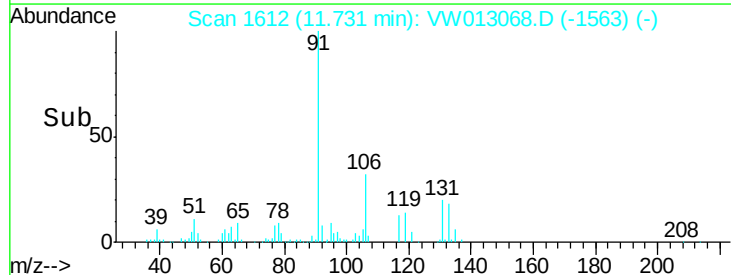
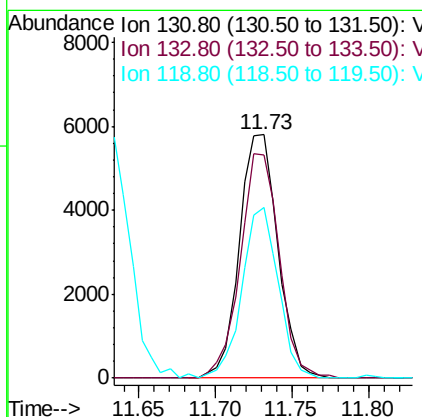
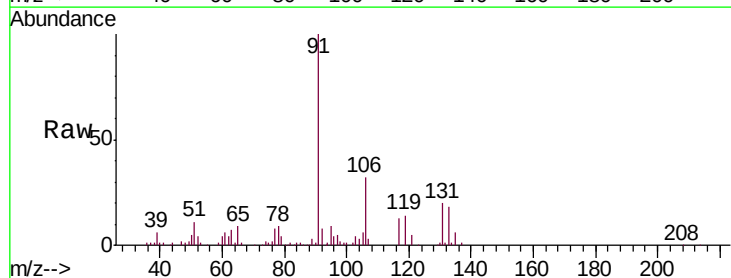
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

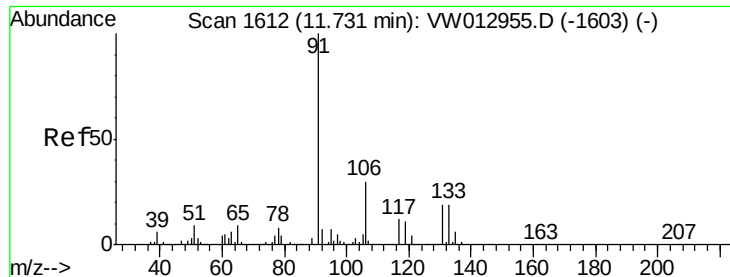
Tgt Ion:112 Resp: 26500
Ion Ratio Lower Upper
112 100
114 34.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.547 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion:131 Resp: 10163
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.8
119 65.6 30.9 92.7

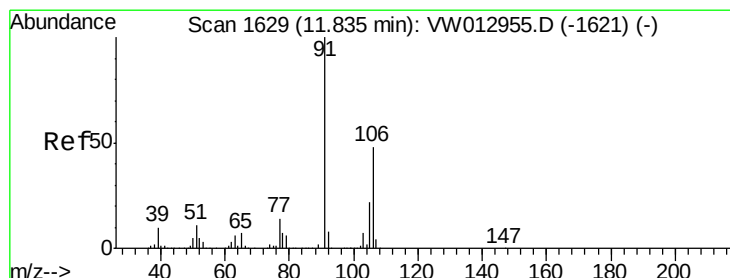
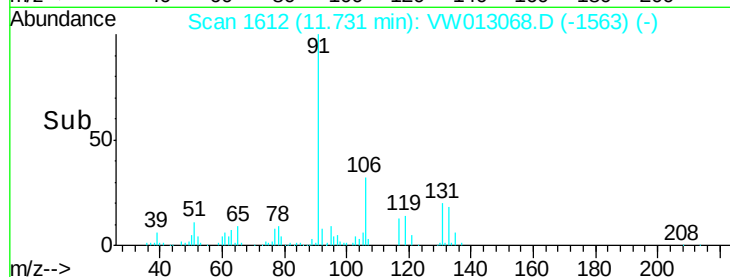
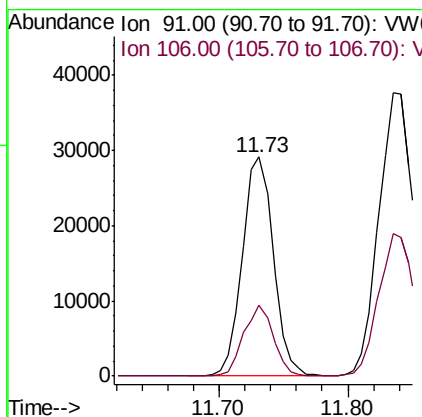
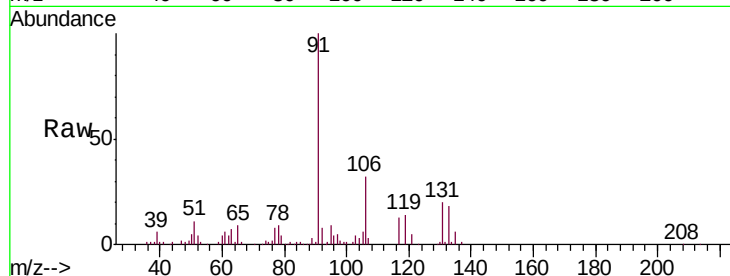




#67
Ethyl Benzene
Concen: 46.270 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

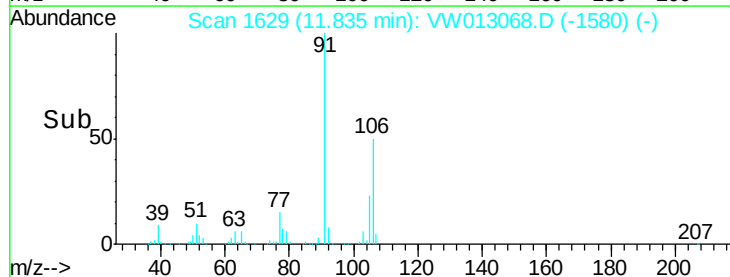
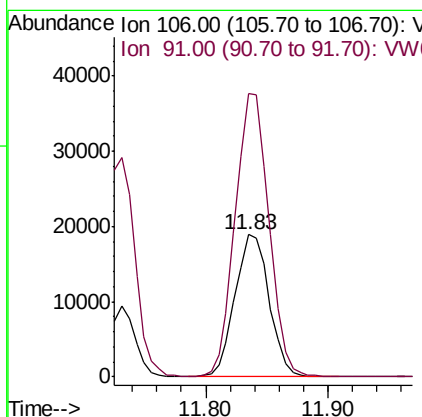
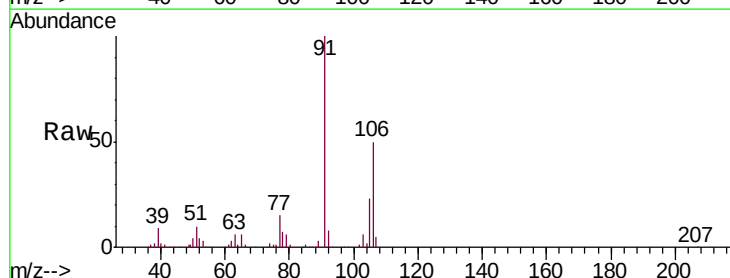
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

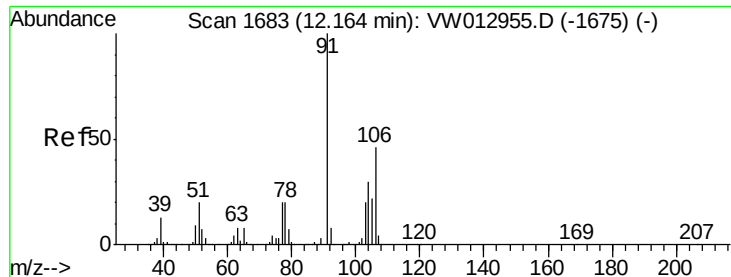
Tgt Ion: 91 Resp: 48688
Ion Ratio Lower Upper
91 100
106 32.3 24.3 36.5



#68
m/p-Xylenes
Concen: 95.505 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion: 106 Resp: 36712
Ion Ratio Lower Upper
106 100
91 197.0 165.8 248.8

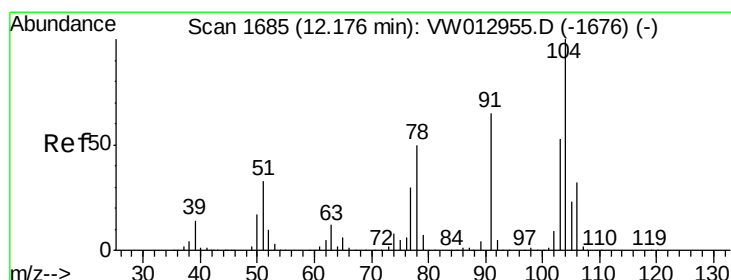
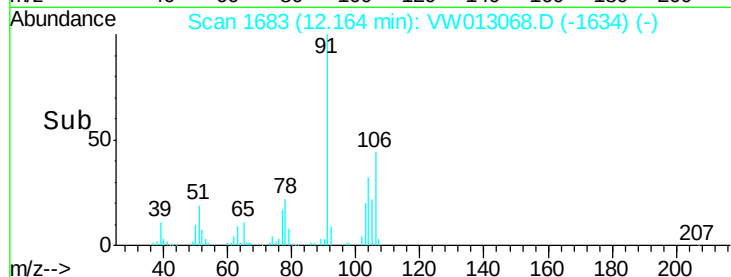
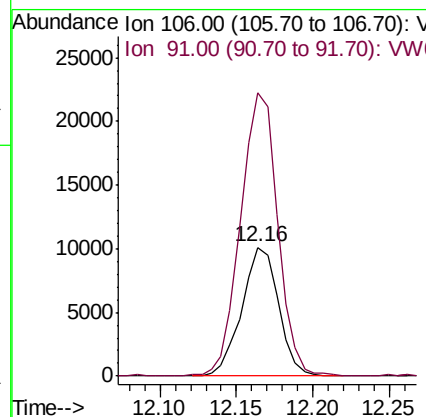
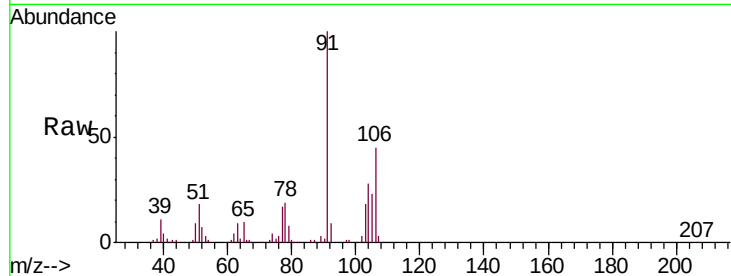




#69
o-Xylene
Concen: 46.809 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

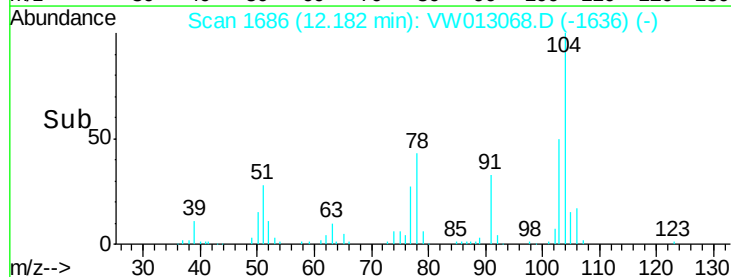
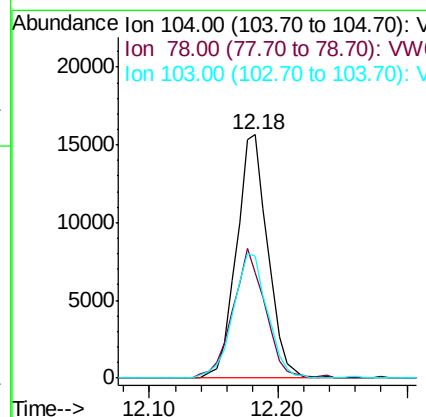
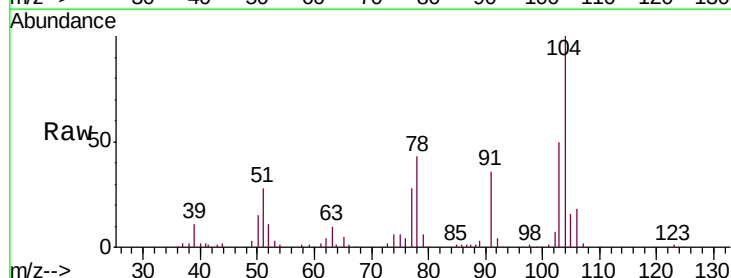
Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

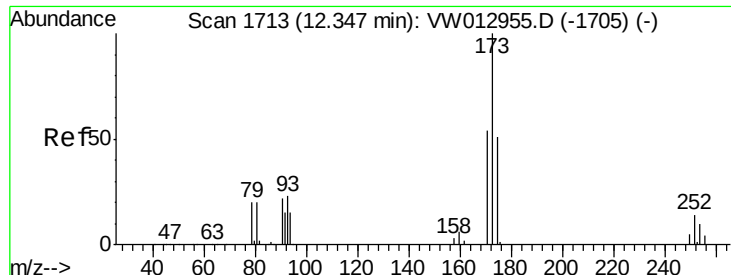
Tgt Ion:106 Resp: 16869
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0



#70
Styrene
Concen: 41.215 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion:104 Resp: 26422
Ion Ratio Lower Upper
104 100
78 54.8 42.1 63.1
103 56.0 44.2 66.4





#71

Bromoform

Concen: 38.915 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

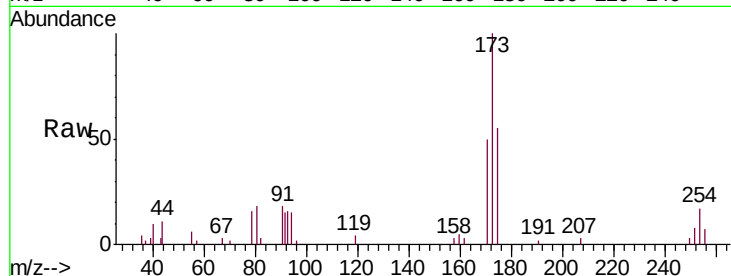
Tgt Ion:173 Resp: 4463

Ion Ratio Lower Upper

173 100

175 50.6 24.2 72.6

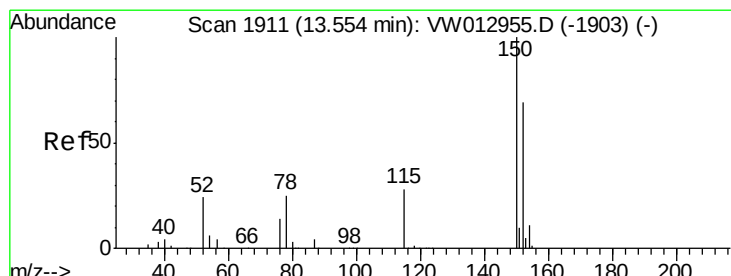
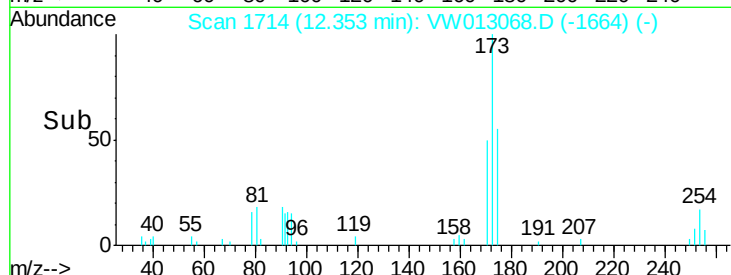
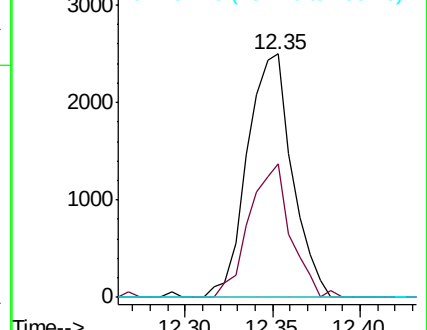
254 0.0 0.1 0.1#



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: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

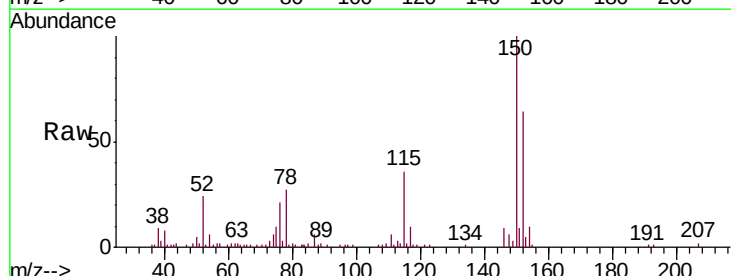
Tgt Ion:152 Resp: 11285

Ion Ratio Lower Upper

152 100

115 60.6 28.8 86.4

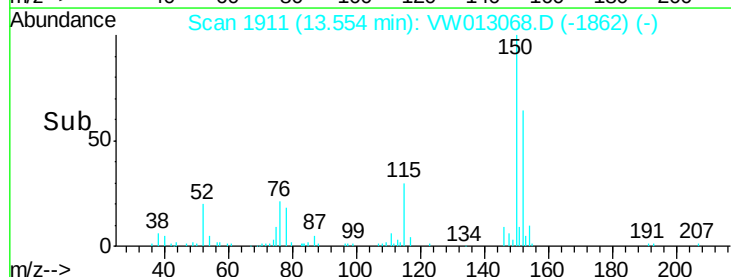
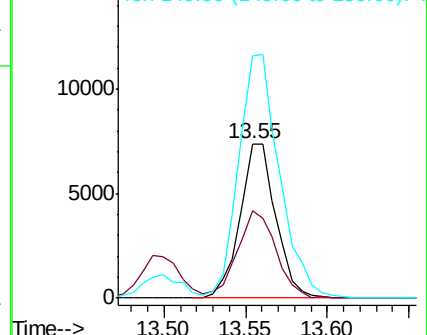
150 179.5 0.0 340.2

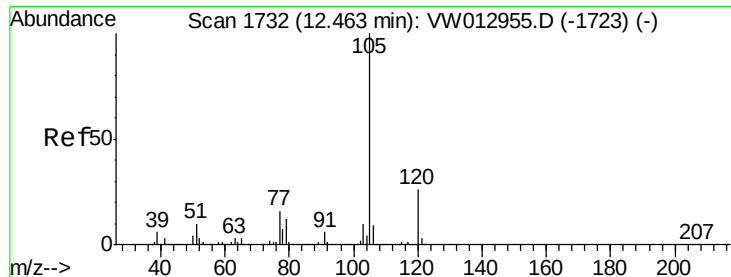


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 68.611 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

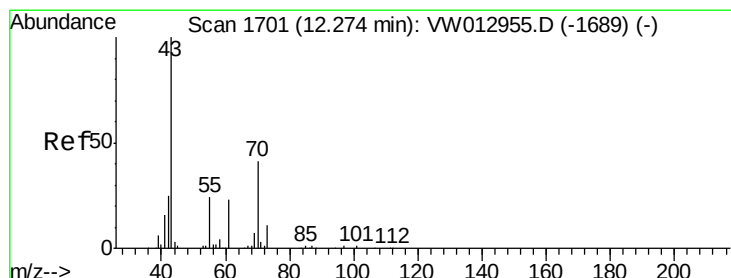
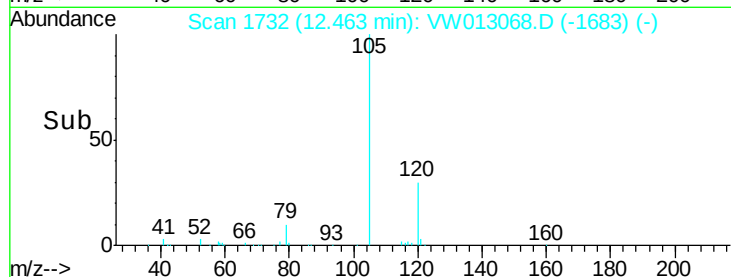
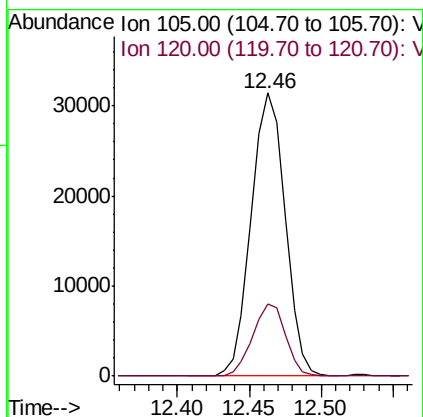
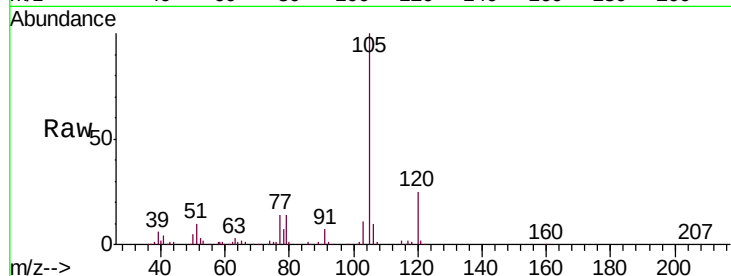
SB-3C-(9)MS

Tgt Ion:105 Resp: 51321

Ion Ratio Lower Upper

105 100

120 24.8 13.0 39.0



#74

N-ethyl acetate

Concen: 16.532 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion: 43 Resp: 3181

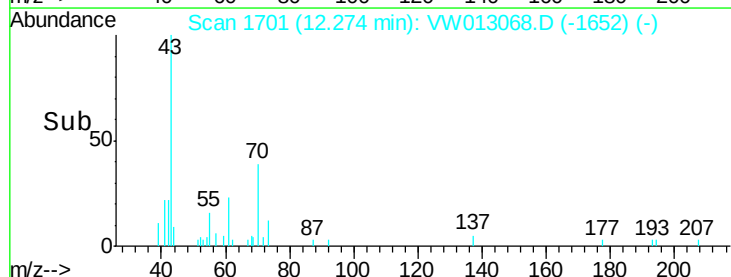
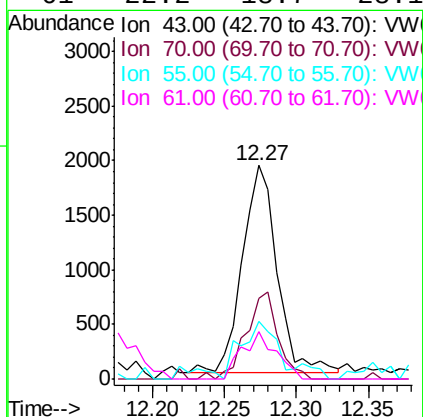
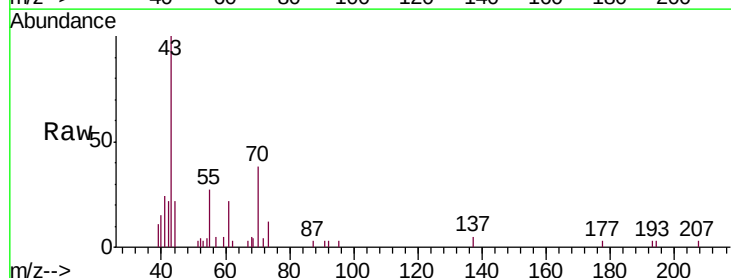
Ion Ratio Lower Upper

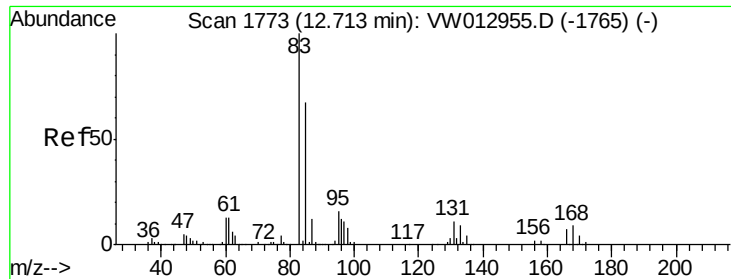
43 100

70 38.6 31.7 47.5

55 24.4 19.4 29.2

61 22.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 38.850 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

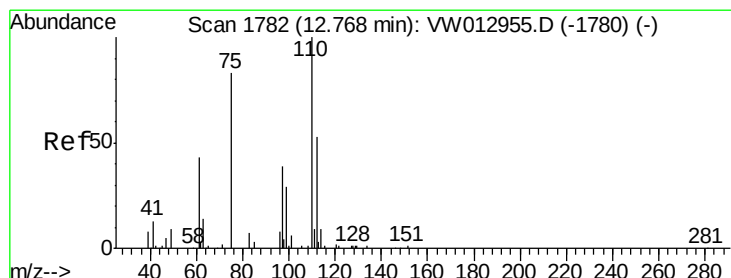
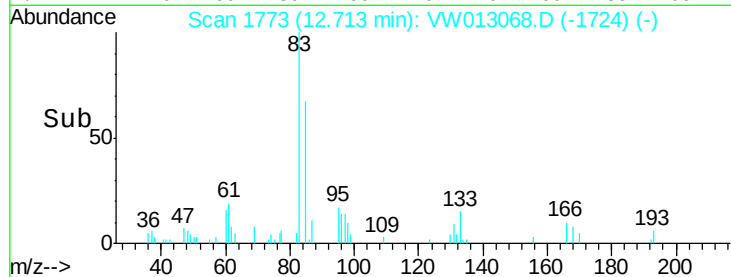
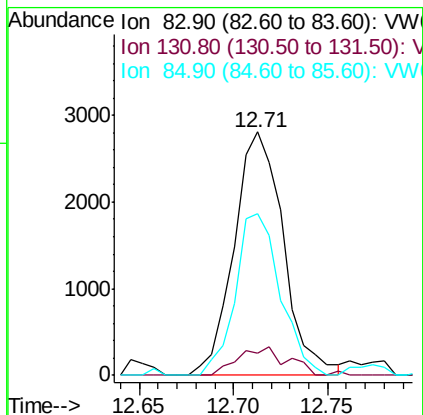
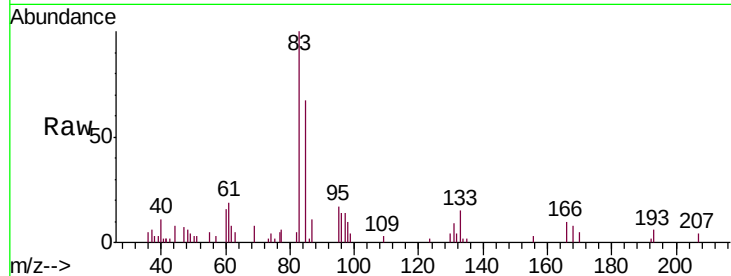
Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

Tgt Ion:	83	Resp:	5104
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.7	17.1
85	60.5	31.4	94.3



#76

1,2,3-Trichloropropane

Concen: 97.999 ug/l

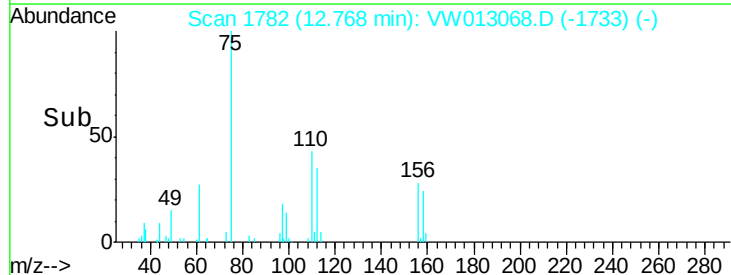
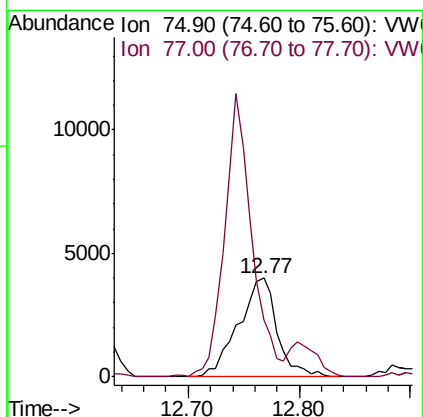
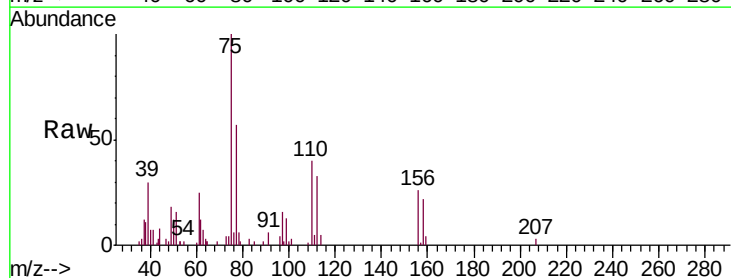
RT: 12.77 min Scan# 1782

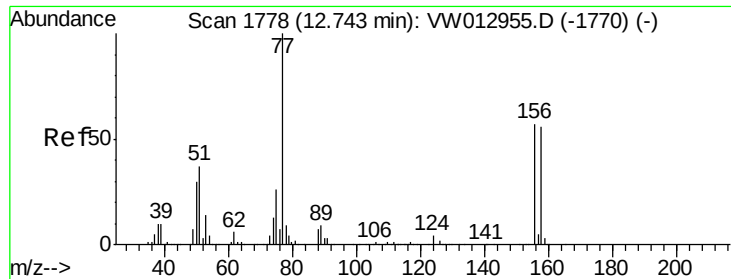
Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Tgt Ion:	75	Resp:	9687
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 62.424 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

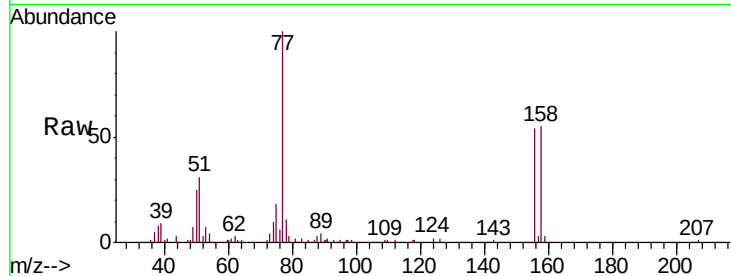
Tgt Ion:156 Resp: 10757

Ion Ratio Lower Upper

156 100

77 182.1 95.2 285.6

158 96.6 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

15000

10000

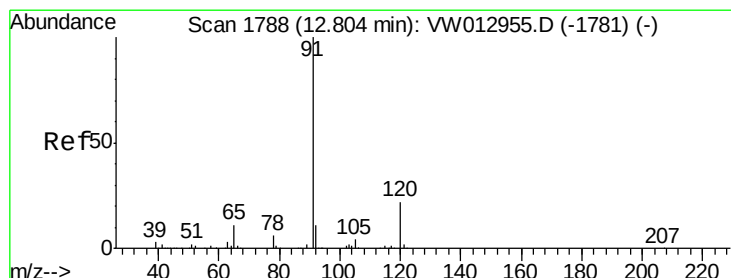
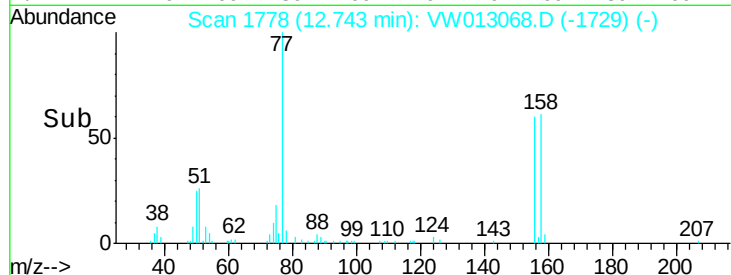
5000

0

12.70 12.75 12.80

12.74

Time-->



#78

n-propylbenzene

Concen: 61.329 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013068.D

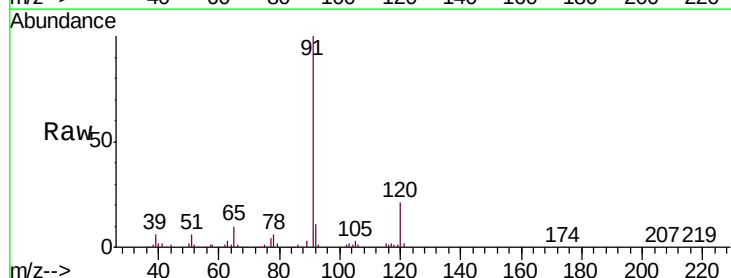
Acq: 17 Sep 2019 04:30

Tgt Ion: 91 Resp: 53962

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

40000

30000

20000

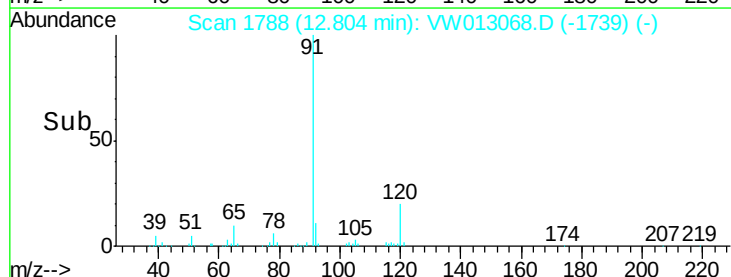
10000

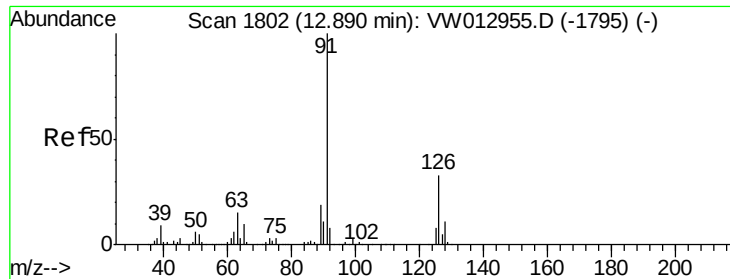
0

12.75 12.80 12.85

12.80

Time-->

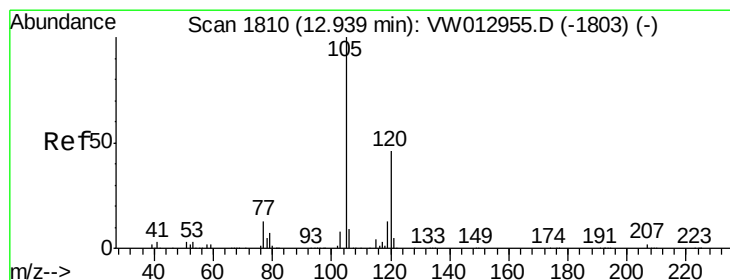
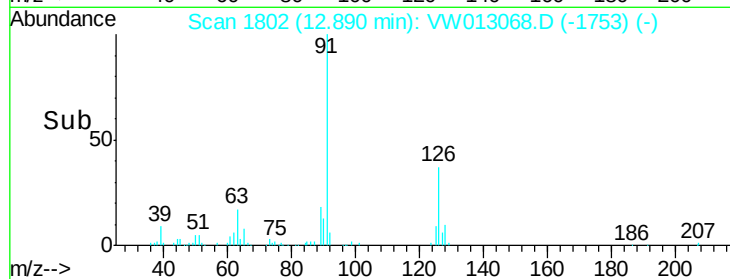
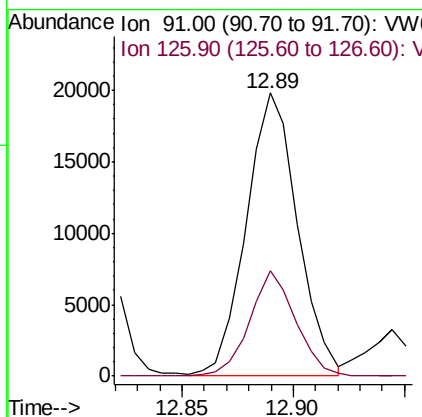
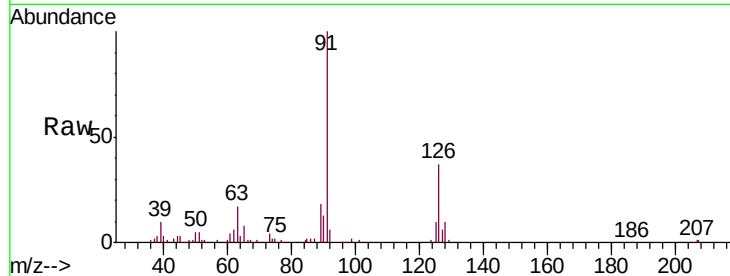




#79
 2-Chlorotoluene
 Concen: 62.441 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

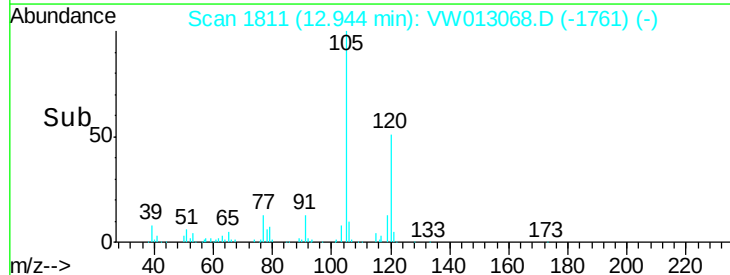
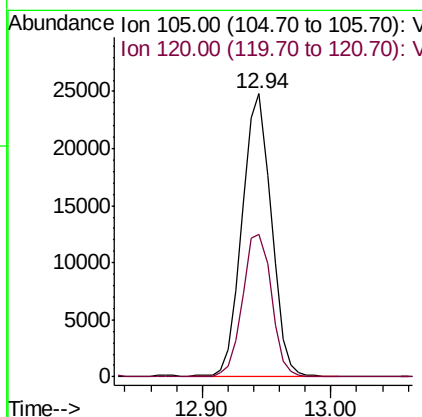
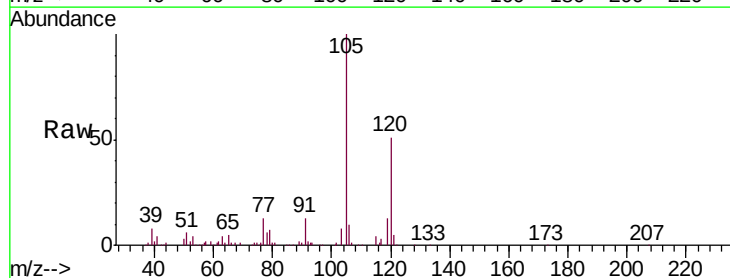
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

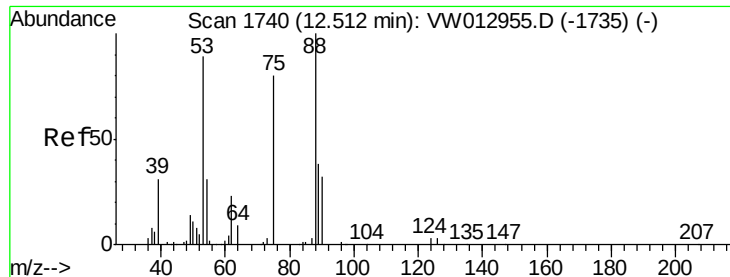
Tgt Ion: 91 Resp: 31583
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 61.602 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 105 Resp: 38982
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 36.306 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

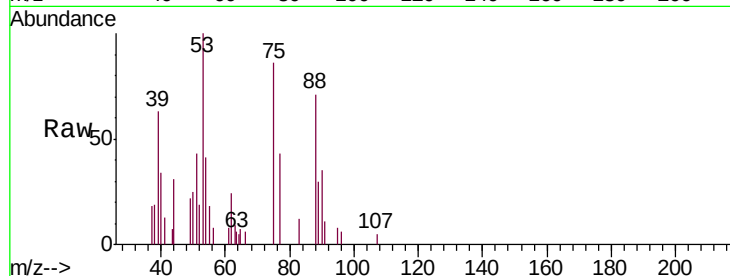
Tgt Ion: 75 Resp: 1582

Ion Ratio Lower Upper

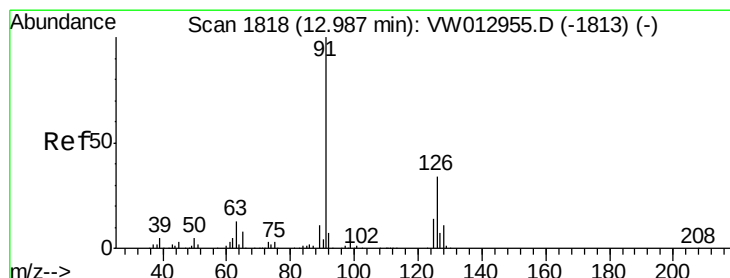
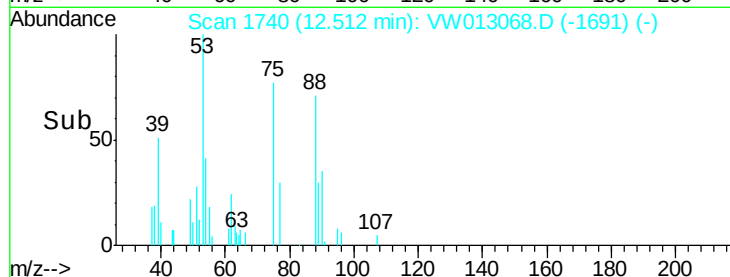
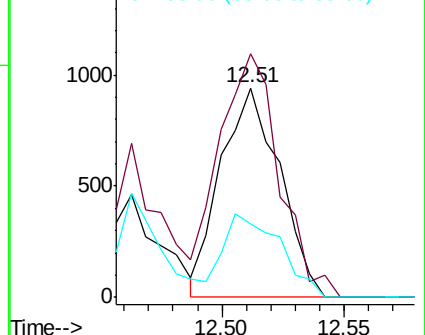
75 100

53 118.5 85.6 128.4

89 38.1 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 55.371 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013068.D

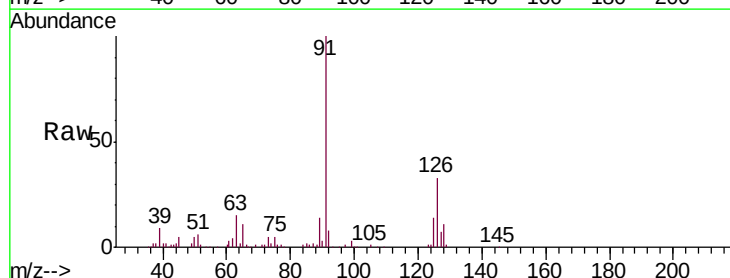
Acq: 17 Sep 2019 04:30

Tgt Ion: 91 Resp: 29550

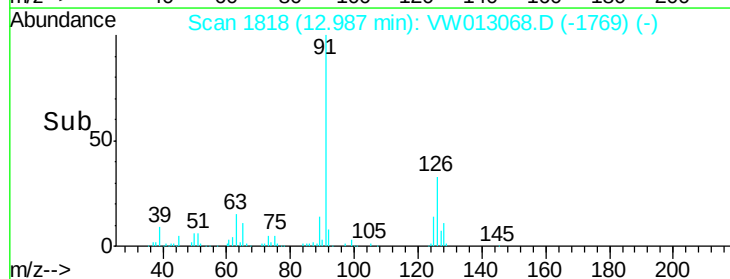
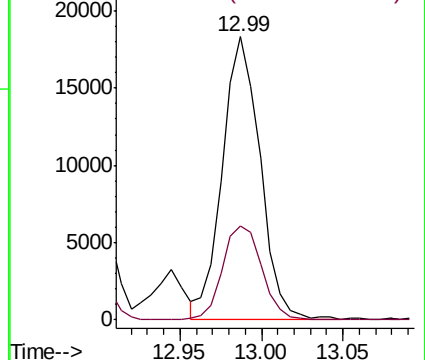
Ion Ratio Lower Upper

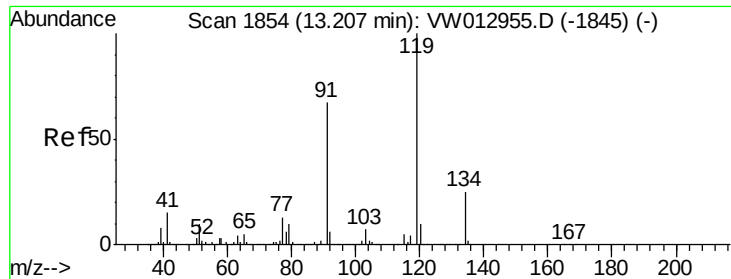
91 100

126 34.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

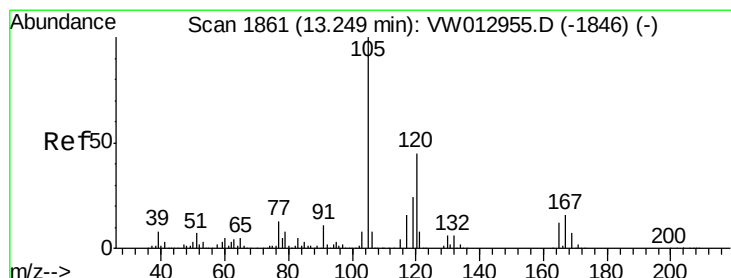
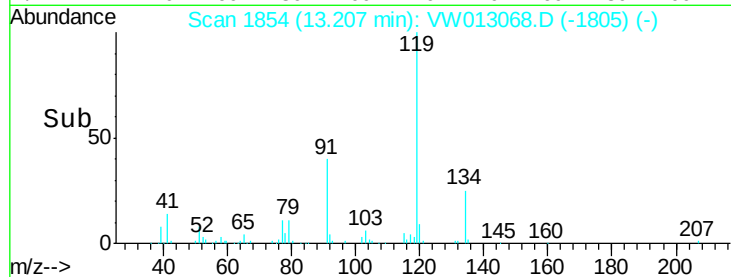
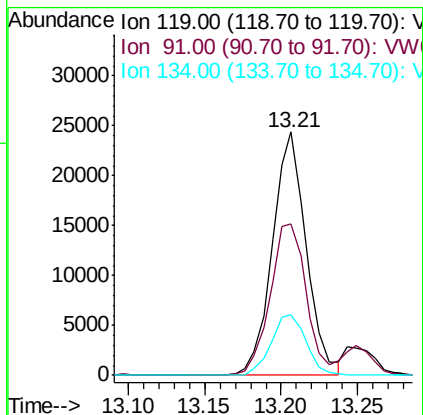
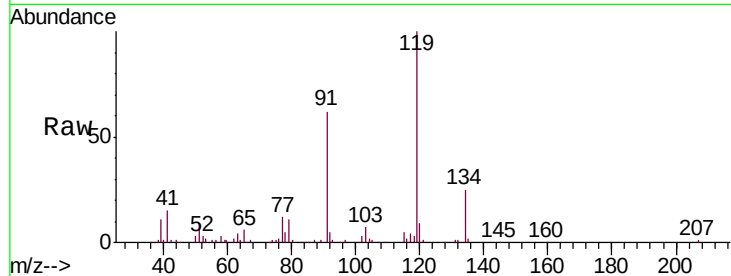




#83
 tert-Butylbenzene
 Concen: 66.209 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

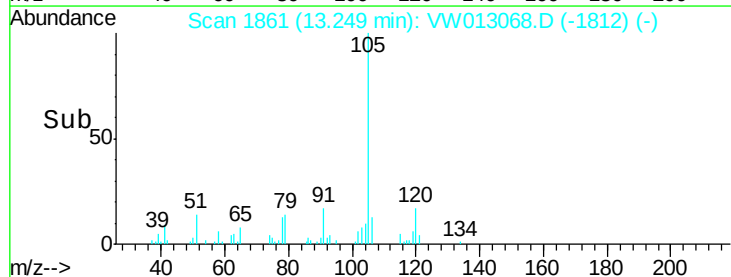
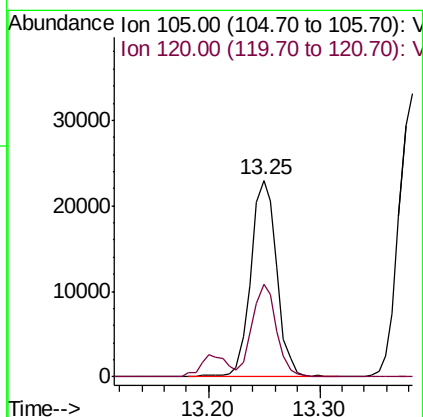
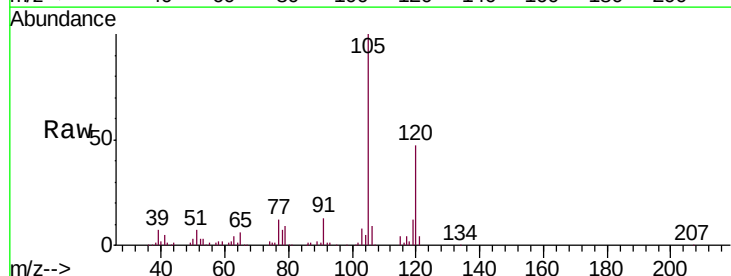
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

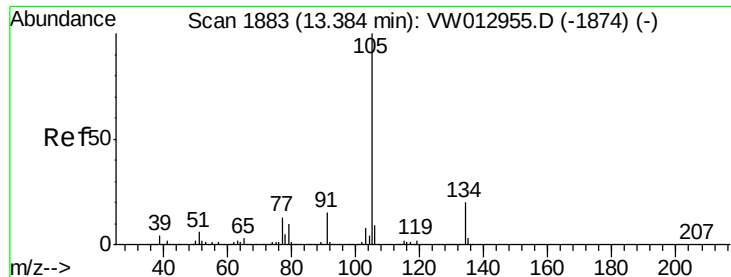
Tgt Ion:119 Resp: 37476
 Ion Ratio Lower Upper
 119 100
 91 66.4 32.6 98.0
 134 25.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 59.746 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion:105 Resp: 37360
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7

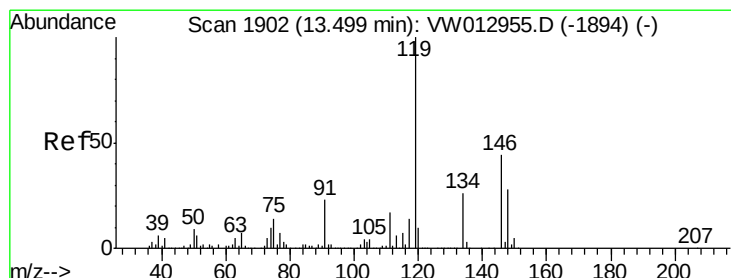
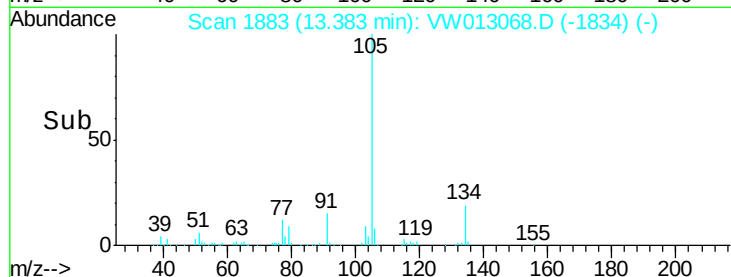
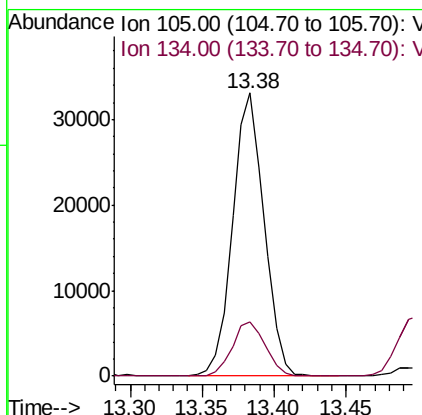
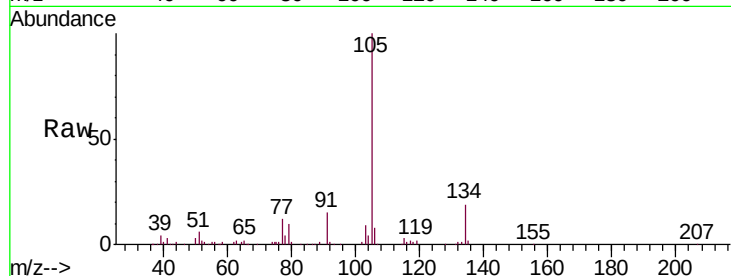




#85
 sec-Butylbenzene
 Concen: 65.413 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

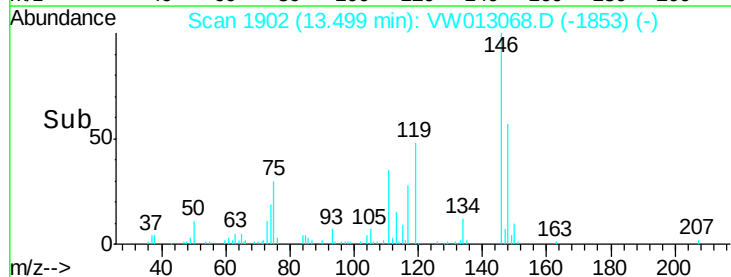
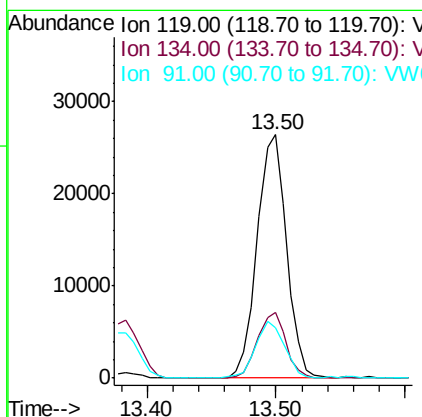
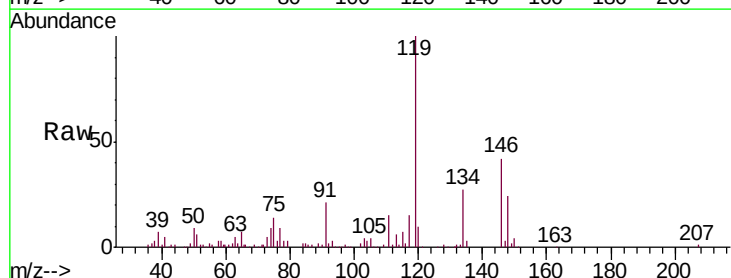
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

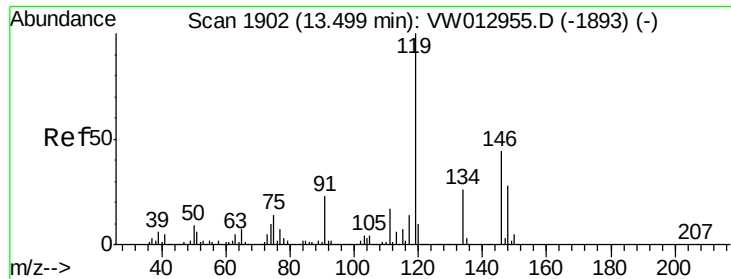
Tgt Ion:105 Resp: 50445
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 58.741 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion:119 Resp: 41590
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 23.0 11.8 35.4

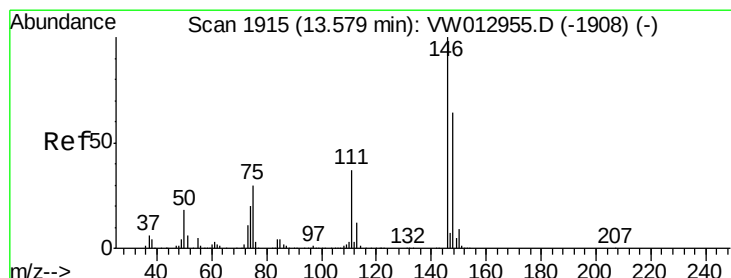
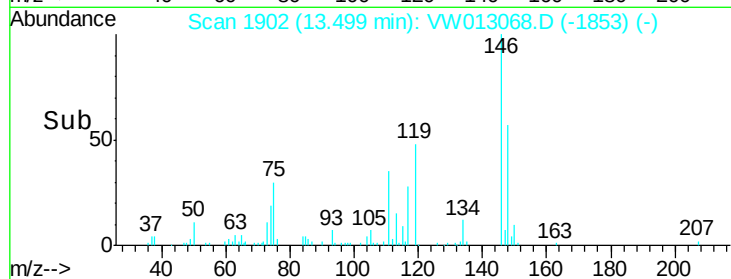
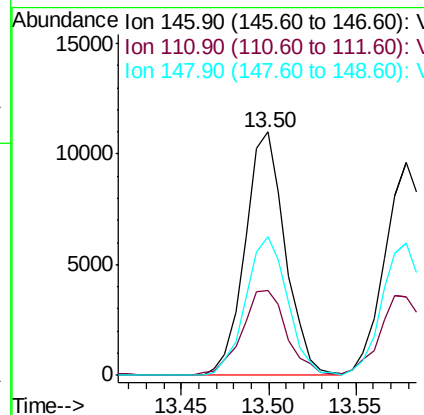
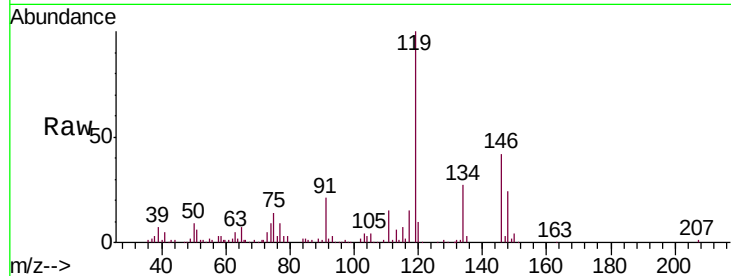




#87
 1,3-Dichlorobenzene
 Concen: 51.333 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

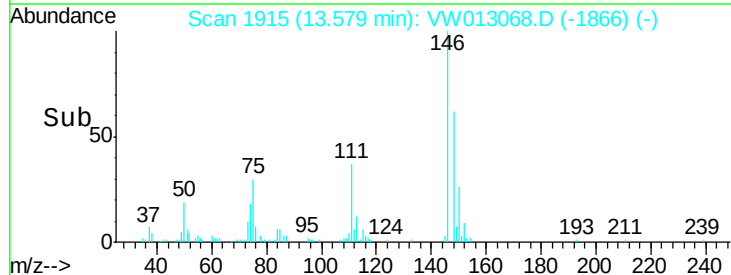
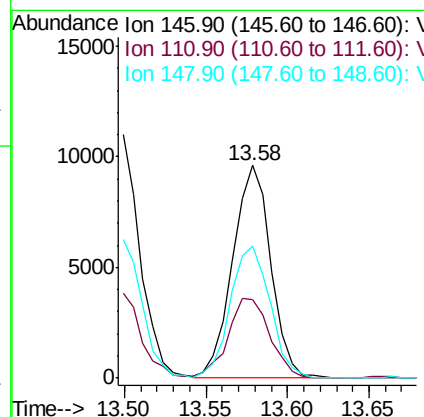
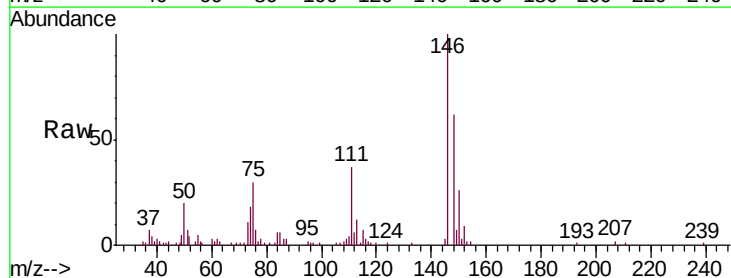
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

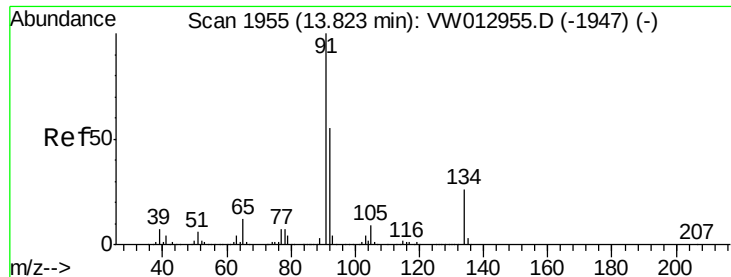
Tgt Ion:146 Resp: 17511
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.8 59.4
 148 59.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.754 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion:146 Resp: 15673
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.4 58.2
 148 64.8 31.9 95.5





#89

n-Butylbenzene

Concen: 43.727 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013068.D

Acq: 17 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MS

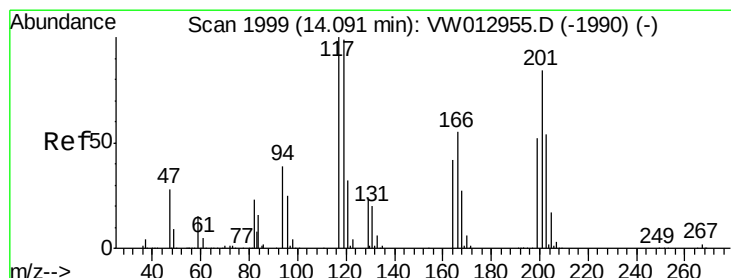
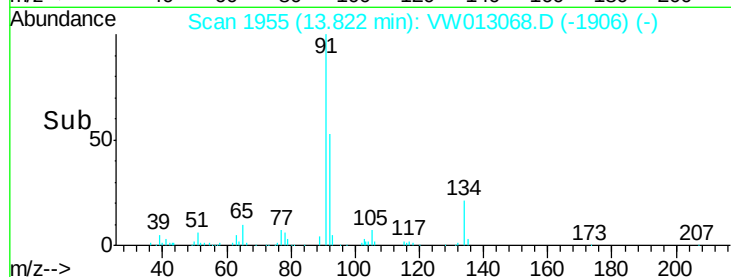
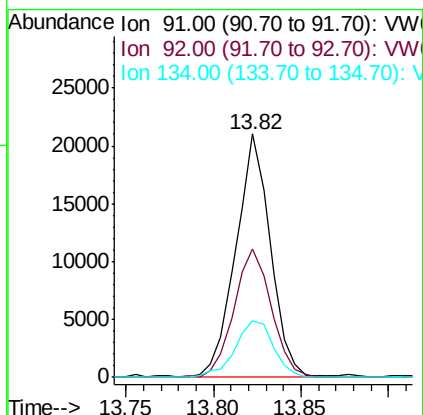
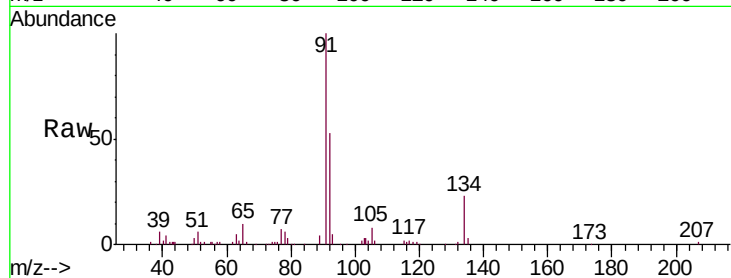
Tgt Ion: 91 Resp: 29198

Ion Ratio Lower Upper

91 100

92 56.5 27.2 81.5

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 60.844 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013068.D

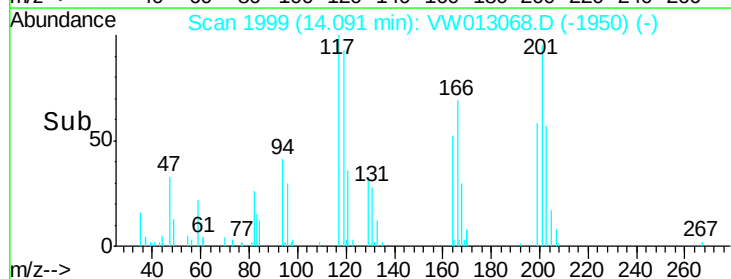
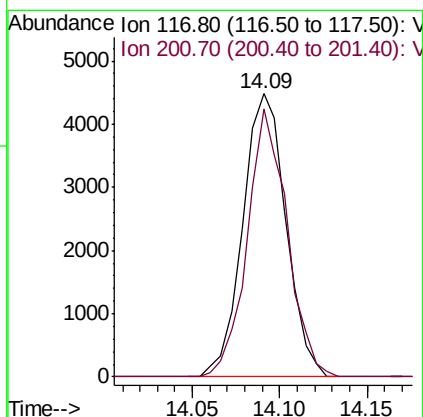
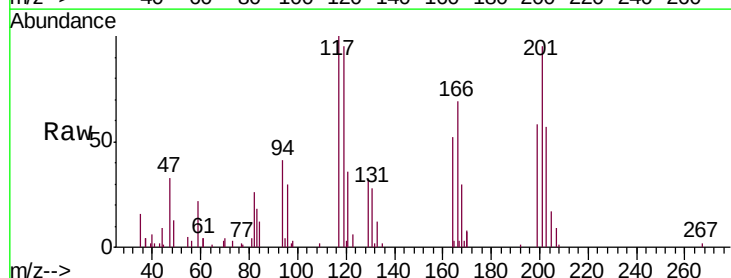
Acq: 17 Sep 2019 04:30

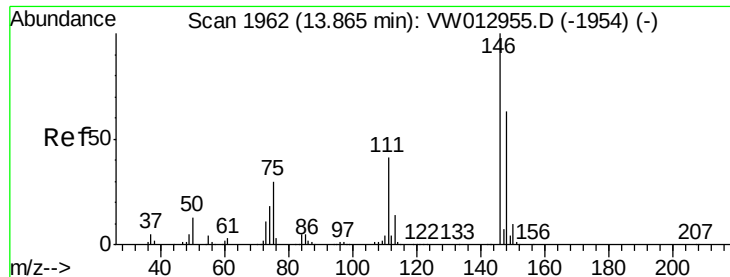
Tgt Ion: 117 Resp: 7720

Ion Ratio Lower Upper

117 100

201 87.5 45.3 135.9

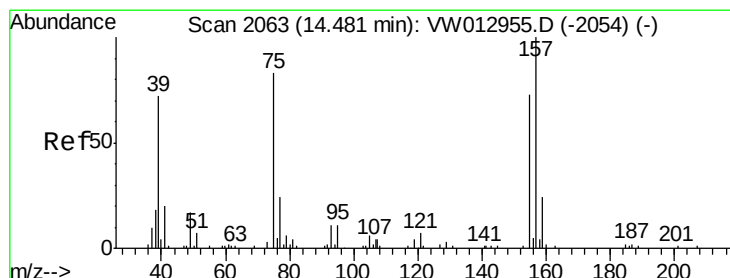
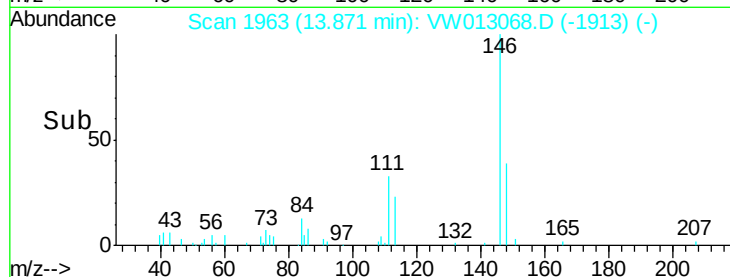
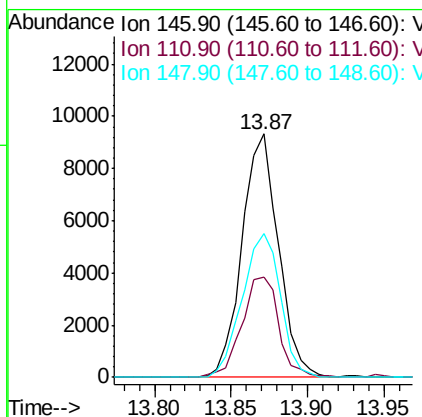
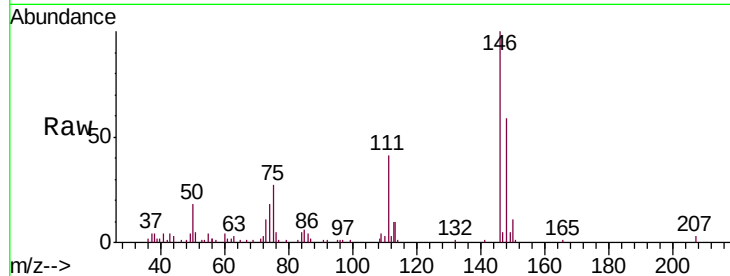




#91
 1,2-Dichlorobenzene
 Concen: 51.309 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

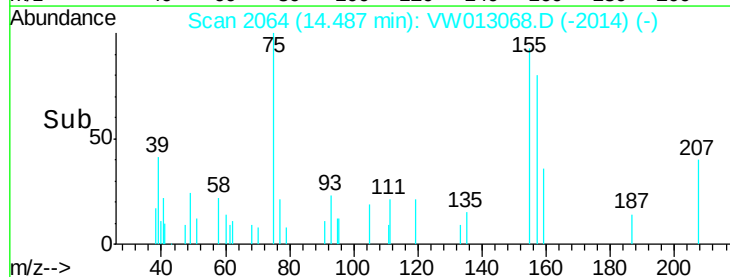
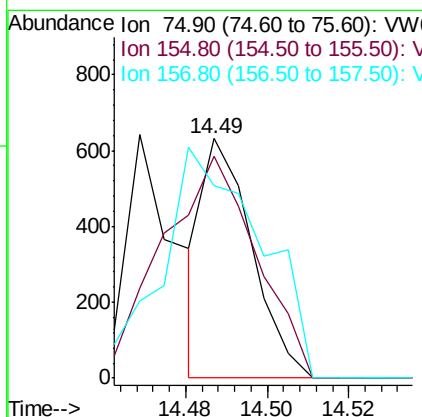
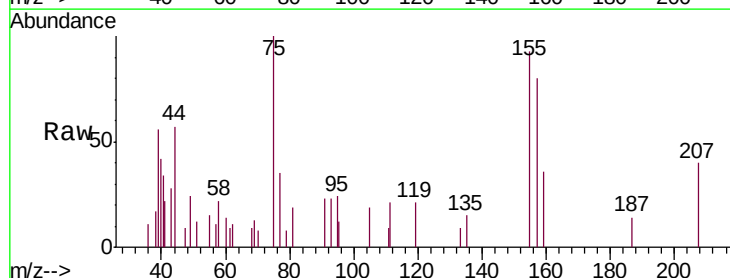
Instrument :
 MSVOA_W
 ClientSampled :
 SB-3C-(9)MS

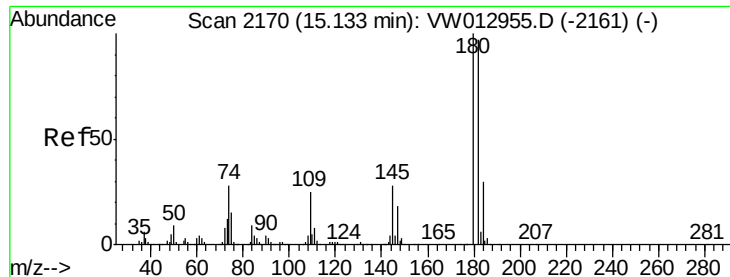
Tgt Ion: 146 Resp: 15392
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 61.9 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.499 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion: 75 Resp: 517
 Ion Ratio Lower Upper
 75 100
 155 182.8 43.3 129.9#
 157 198.3 54.7 164.1#

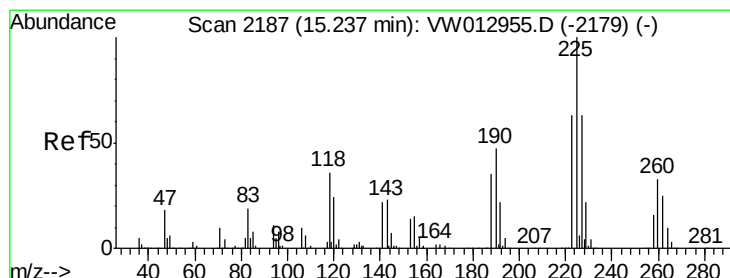
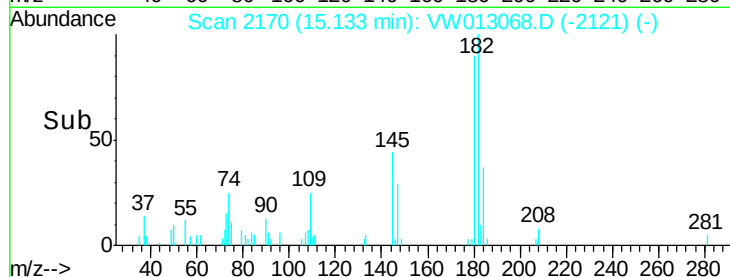
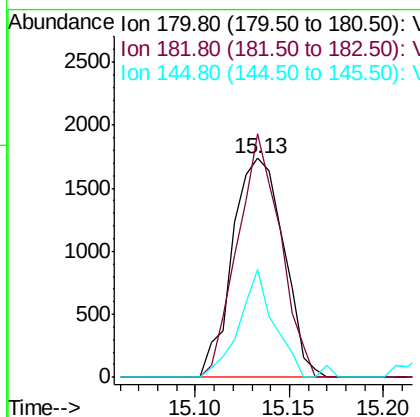
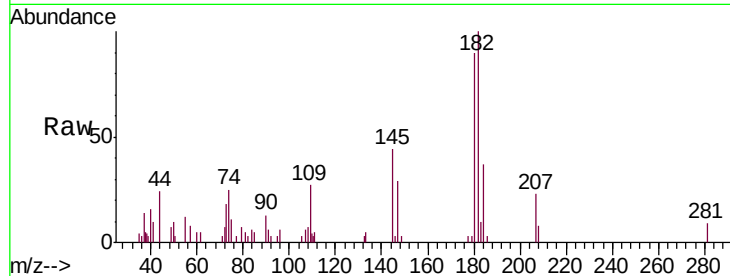




#93
 1,2,4-Trichlorobenzene
 Concen: 15.280 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

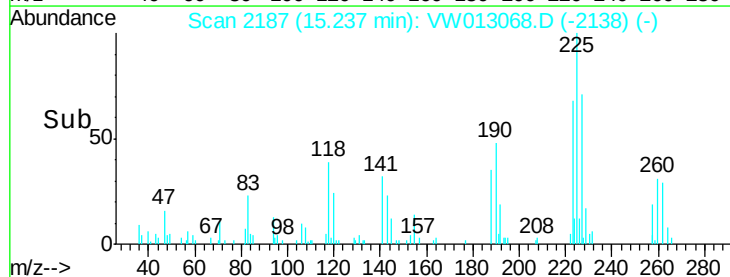
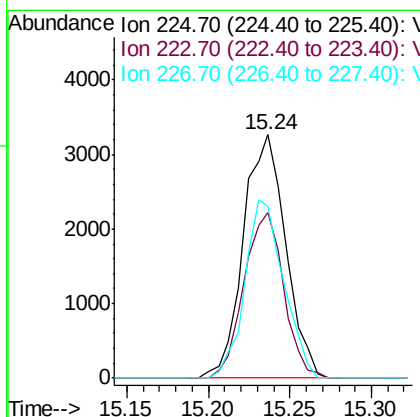
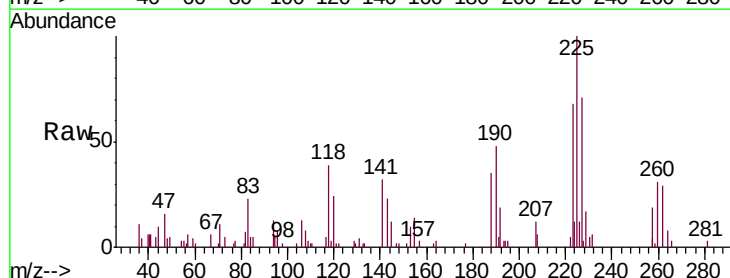
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MS

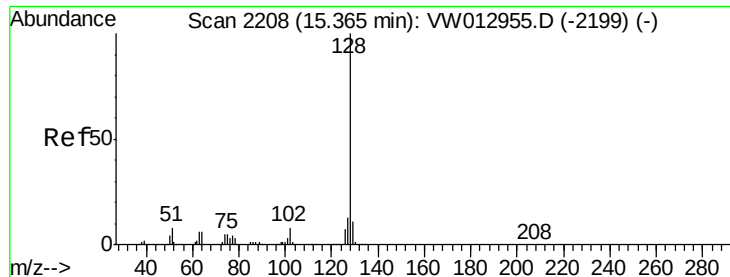
Tgt Ion:180 Resp: 3269
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.4 142.2
 145 33.6 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 38.870 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013068.D
 Acq: 17 Sep 2019 04:30

Tgt Ion:225 Resp: 5887
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.8 95.3
 227 67.4 31.3 93.8

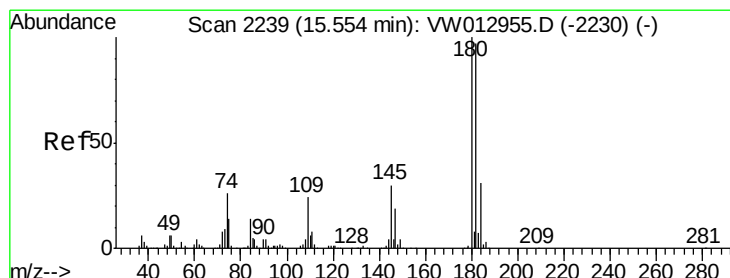
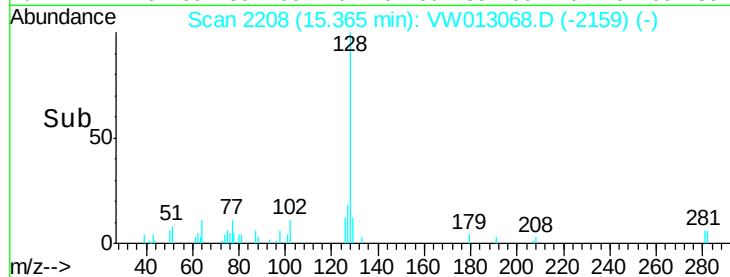
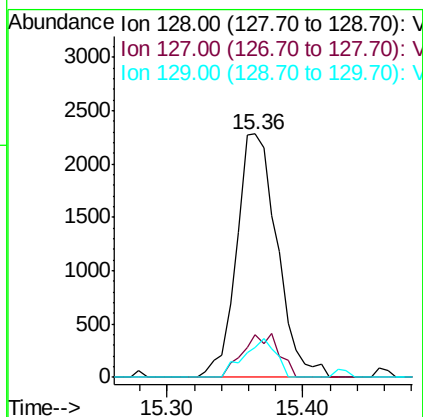
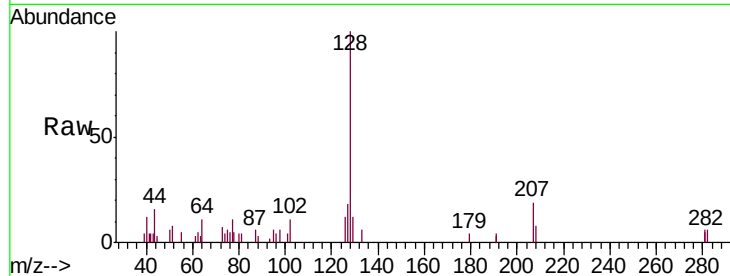




#95
Naphthalene
Concen: 13.296 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MS

Tgt Ion:128 Resp: 4753
Ion Ratio Lower Upper
128 100
127 16.1 11.0 16.6
129 12.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 15.451 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013068.D
Acq: 17 Sep 2019 04:30

Tgt Ion:180 Resp: 2922
Ion Ratio Lower Upper
180 100
182 105.1 47.6 142.8
145 43.6 15.4 46.2

