

Data File : VW013950.D
Acq On : 08 Nov 2019 17:37
Operator : SY/VA
Sample : K5742-11MS
Misc : 4.03G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Quant Time: Nov 09 03:21:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	328217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	489023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209615	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136551	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	143453	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.32	98	588946	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	199103	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	82520	47.723	ug/l	97
3) Chloromethane	2.21	50	97841	52.650	ug/l	98
4) Vinyl Chloride	2.37	62	142863	50.906	ug/l	100
5) Bromomethane	2.77	94	92423	50.074	ug/l	100
6) Chloroethane	2.92	64	91939	54.140	ug/l	99
7) Trichlorofluoromethane	3.25	101	96752	55.194	ug/l	99
8) Diethyl Ether	3.68	74	75237	53.125	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	135631	47.595	ug/l	98
10) Methyl Iodide	4.28	142	236622	50.955	ug/l	99
11) Tert butyl alcohol	5.15	59	45333	308.418	ug/l	98
12) 1,1-Dichloroethene	4.04	96	144869	49.215	ug/l	98
13) Acrolein	3.89	56	45618	270.897	ug/l	98
14) Allyl chloride	4.67	41	235266	51.978	ug/l	99
15) Acrylonitrile	5.36	53	157555	273.596	ug/l	99
16) Acetone	4.12	43	142314	272.603	ug/l	98
17) Carbon Disulfide	4.39	76	393016	46.490	ug/l	100
18) Methyl Acetate	4.67	43	93456	65.305	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	202024	57.192	ug/l	98
20) Methylene Chloride	4.91	84	168335	59.509	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	159260	50.268	ug/l	98
22) Diisopropyl ether	6.31	45	461817	55.934	ug/l	97
23) Vinyl Acetate	6.25	43	1181513	246.627	ug/l	99
24) 1,1-Dichloroethane	6.21	63	274808	52.555	ug/l	99
25) 2-Butanone	7.17	43	203956	271.740	ug/l	92
26) 2,2-Dichloropropane	7.17	77	147375	48.741	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	175295	52.092	ug/l	98
28) Bromochloromethane	7.51	49	100068	53.614	ug/l #	99
29) Tetrahydrofuran	7.52	42	132757	285.701	ug/l	99
30) Chloroform	7.67	83	261565	50.602	ug/l	99
31) Cyclohexane	7.95	56	263631	48.177	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	207414	51.133	ug/l	99
36) 1,1-Dichloropropene	8.08	75	213222	46.818	ug/l	99
37) Ethyl Acetate	7.24	43	88033	50.495	ug/l	99
38) Carbon Tetrachloride	8.07	117	188231	45.897	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	285353	48.517	ug/l	99
40) Benzene	8.32	78	629447	48.837	ug/l	99
41) Methacrylonitrile	7.48	41	57920	53.276	ug/l	93
42) 1,2-Dichloroethane	8.40	62	161218	49.638	ug/l	100
43) Isopropyl Acetate	8.42	43	173030	51.851	ug/l	99
44) Trichloroethene	9.09	130	175860	47.633	ug/l	98
45) 1,2-Dichloropropane	9.37	63	153619	49.900	ug/l	99
46) Dibromomethane	9.46	93	73293	49.052	ug/l	99
47) Bromodichloromethane	9.64	83	187871	48.594	ug/l	97
48) Methyl methacrylate	9.43	41	87954	53.149	ug/l	98
49) 1,4-Dioxane	9.44	88	24027	1088.188	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	440628	265.718	ug/l	100
52) Toluene	10.38	92	408799	49.171	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	199187	50.893	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	240414	49.788	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	111223	49.946	ug/l	97
56) Ethyl methacrylate	10.65	69	148791	53.405	ug/l	98
57) 1,3-Dichloropropane	10.93	76	192372	50.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	333265	259.905	ug/l	100
59) 2-Hexanone	10.97	43	305703	267.412	ug/l	99
60) Dibromochloromethane	11.13	129	127469	48.211	ug/l	99
61) 1,2-Dibromoethane	11.23	107	104643	49.670	ug/l	100
64) Tetrachloroethene	10.86	164	151950	47.578	ug/l	97
65) Chlorobenzene	11.66	112	426133	49.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	148052	49.388	ug/l	99
67) Ethyl Benzene	11.73	91	773650	49.950	ug/l	99
68) m/p-Xylenes	11.84	106	596157	99.625	ug/l	98
69) o-Xylene	12.16	106	280780	51.048	ug/l	97
70) Styrene	12.18	104	476522	50.424	ug/l	99
71) Bromoform	12.35	173	75004	47.677	ug/l #	99
73) Isopropylbenzene	12.46	105	763024	50.689	ug/l	100
74) N-amyl acetate	12.27	43	154795	53.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122681	51.645	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	156346	103.862	ug/l #	100
77) Bromobenzene	12.74	156	181750	50.542	ug/l	98
78) n-propylbenzene	12.80	91	882023	50.624	ug/l	100
79) 2-Chlorotoluene	12.89	91	498644	50.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	652042	51.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40434	50.763	ug/l	99
82) 4-Chlorotoluene	12.99	91	514679	50.070	ug/l	98
83) tert-Butylbenzene	13.21	119	571336	50.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	662396	52.843	ug/l	100
85) sec-Butylbenzene	13.38	105	775003	50.245	ug/l	100
86) p-Isopropyltoluene	13.50	119	733837	51.074	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	347936	49.938	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	345466	49.910	ug/l	99
89) n-Butylbenzene	13.82	91	653480	50.388	ug/l	100
90) Hexachloroethane	14.09	117	122157	48.914	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	310768	51.442	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18479	51.444	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110819\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	225542	51.300	ug/l	99
94) Hexachlorobutadiene	15.24	225	145761	49.110	ug/l	98
95) Naphthalene	15.36	128	397997	57.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	194376	51.309	ug/l	99

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

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Operator : SY/VA

Sample : K5742-11MS

Misc : 4.03G/5ML/MSVOA W/SOIL

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ALS Vial      : 16      Sample Multiplier: 1

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Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

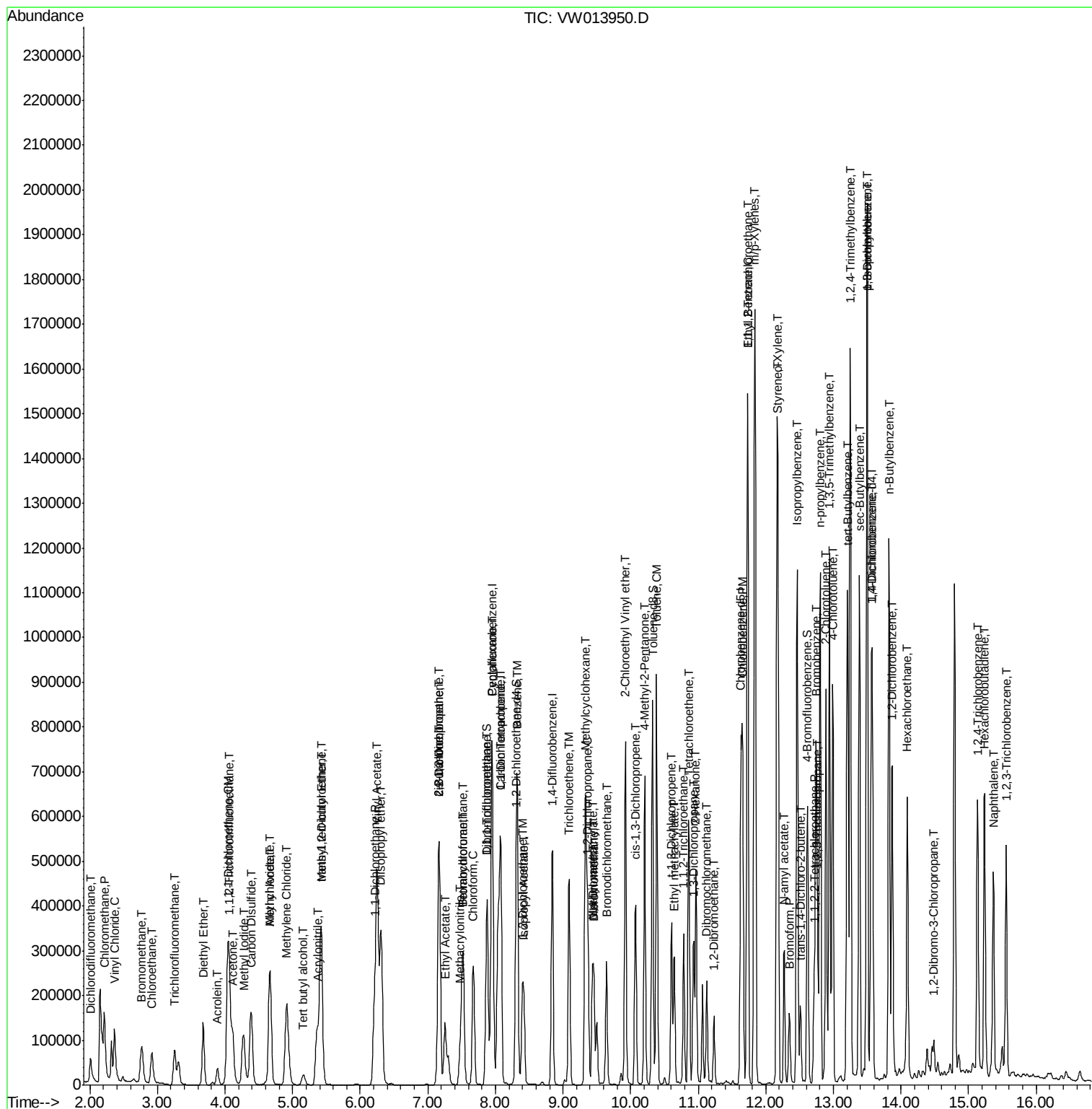
Quant Time: Nov 09 03:21:49 2019

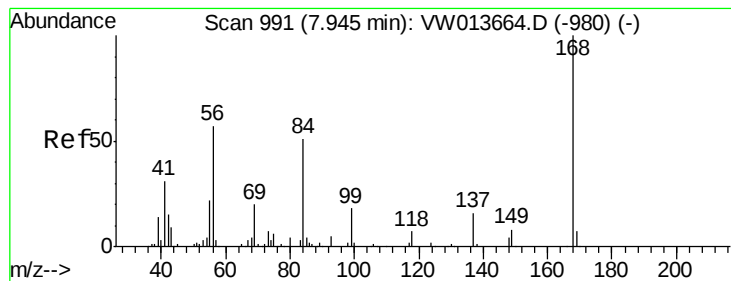
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W102319S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 23 14:11:46 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

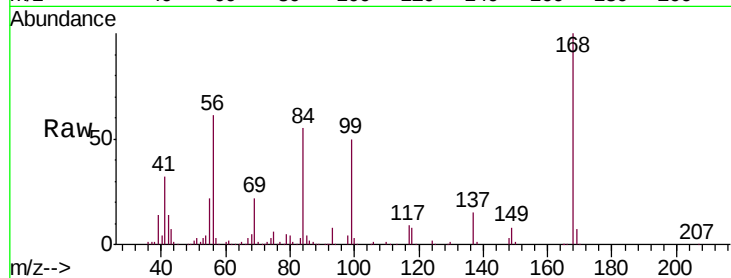
SB-38-(2-4)MS

Tgt Ion:168 Resp: 328217

Ion Ratio Lower Upper

168 100

99 50.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

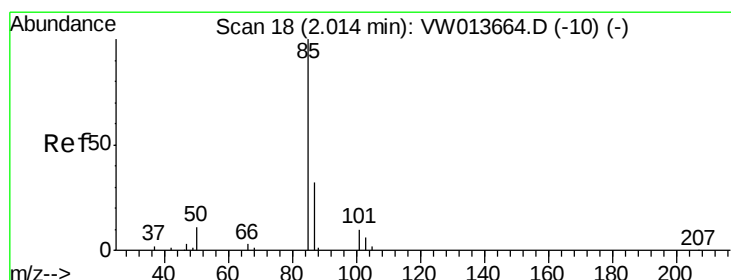
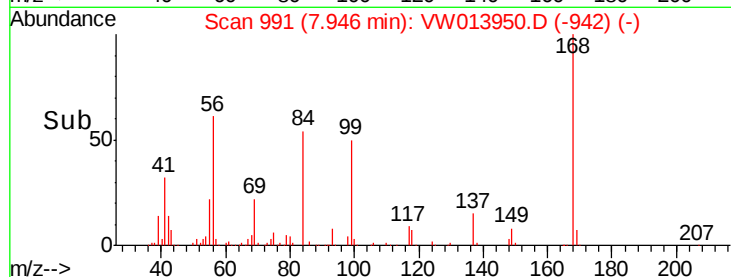
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50000

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Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 47.723 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013950.D

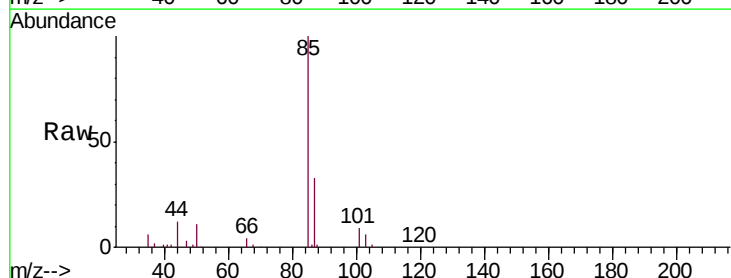
Acq: 08 Nov 2019 17:37

Tgt Ion: 85 Resp: 82520

Ion Ratio Lower Upper

85 100

87 33.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

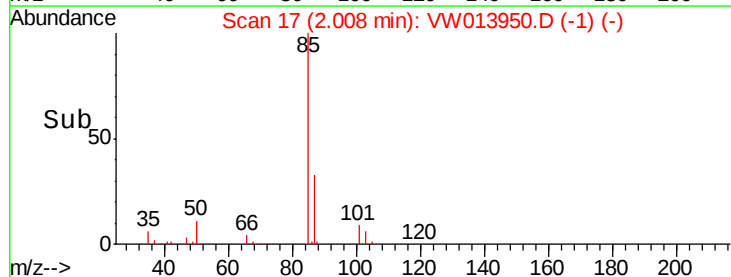
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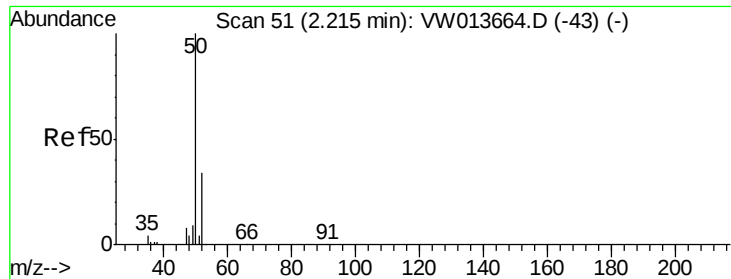
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Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 52.650 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

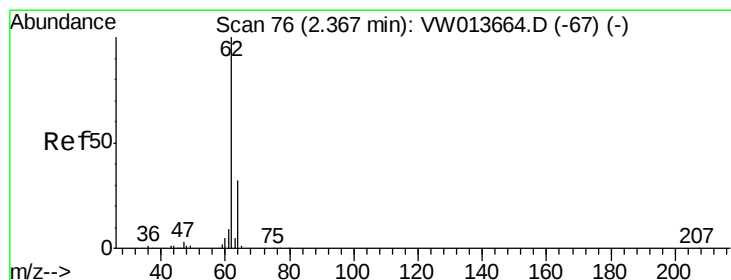
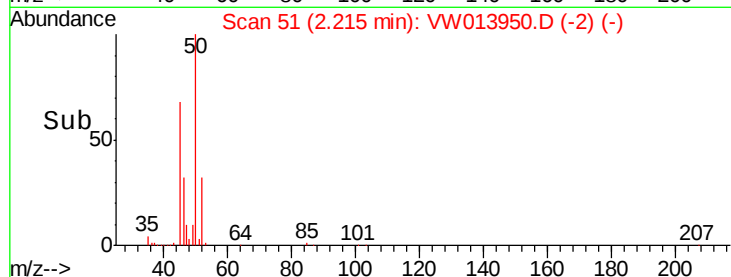
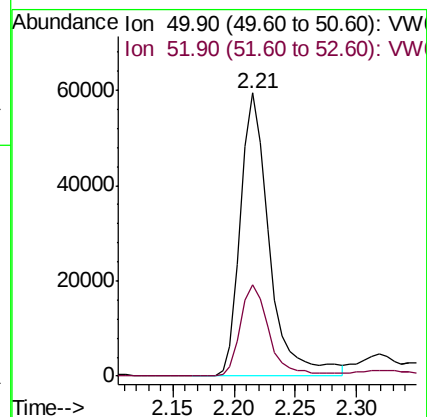
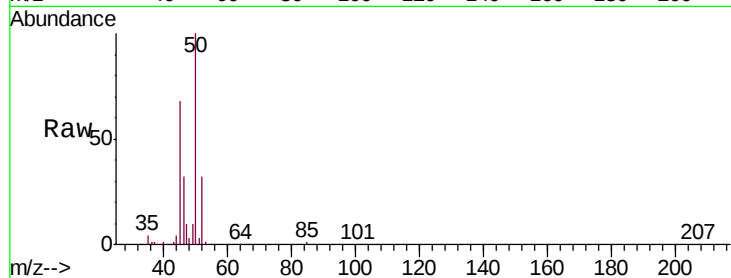
SB-38-(2-4)MS

Tgt Ion: 50 Resp: 97841

Ion Ratio Lower Upper

50 100

52 32.3 26.9 40.3



#4

Vinyl Chloride

Concen: 50.906 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW013950.D

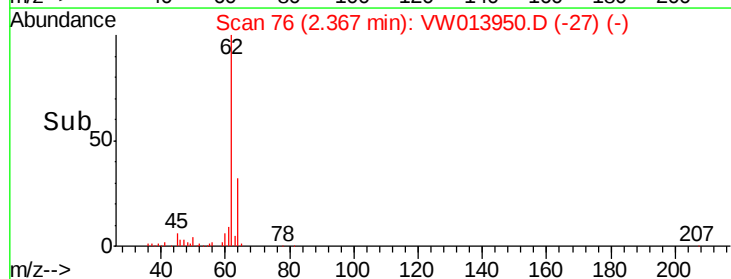
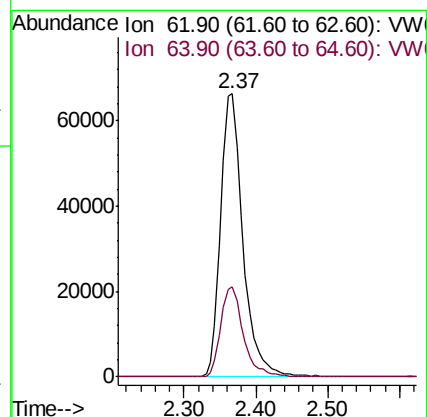
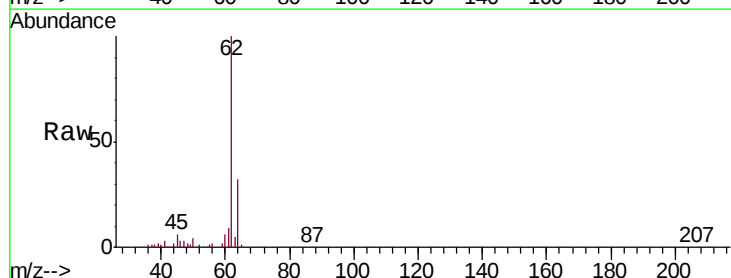
Acq: 08 Nov 2019 17:37

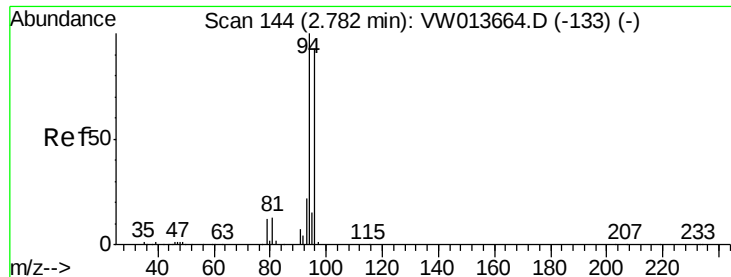
Tgt Ion: 62 Resp: 142863

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 50.074 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

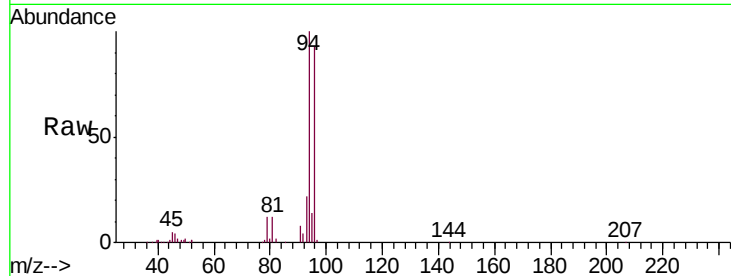
SB-38-(2-4)MS

Tgt Ion: 94 Resp: 92423

Ion Ratio Lower Upper

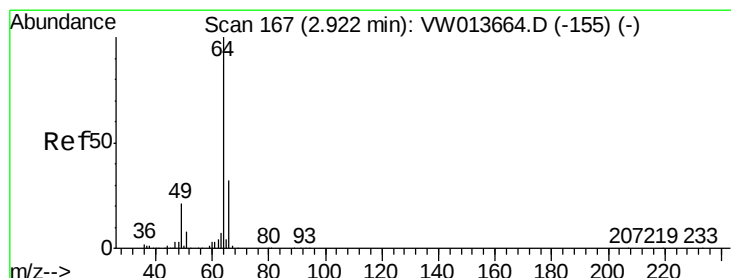
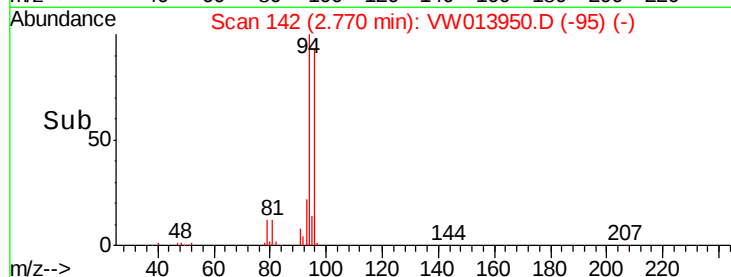
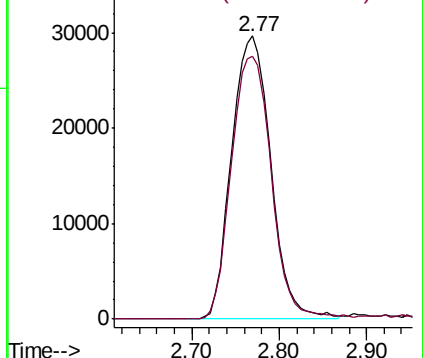
94 100

96 93.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 54.140 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW013950.D

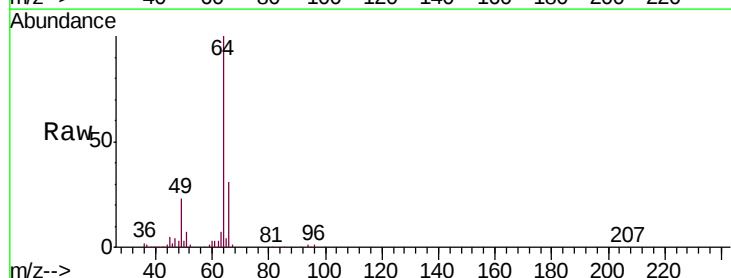
Acq: 08 Nov 2019 17:37

Tgt Ion: 64 Resp: 91939

Ion Ratio Lower Upper

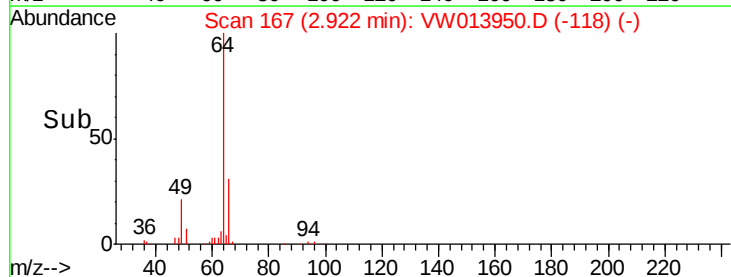
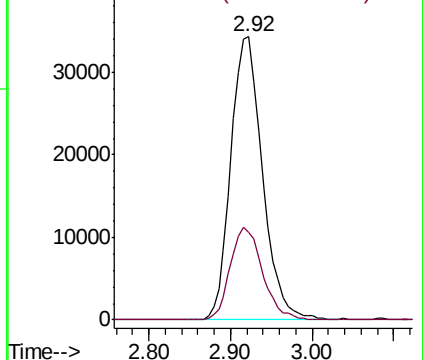
64 100

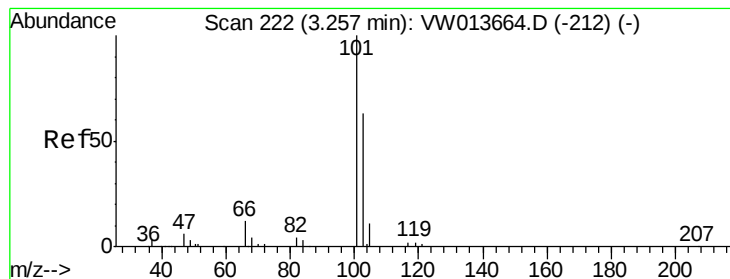
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



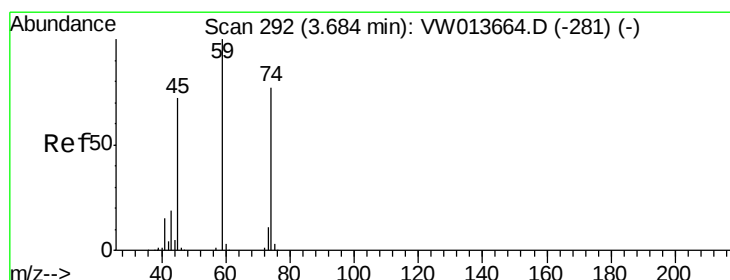
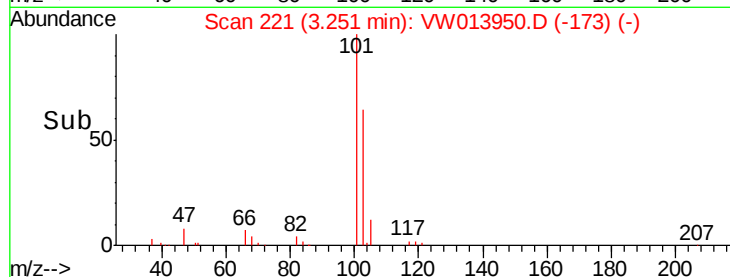
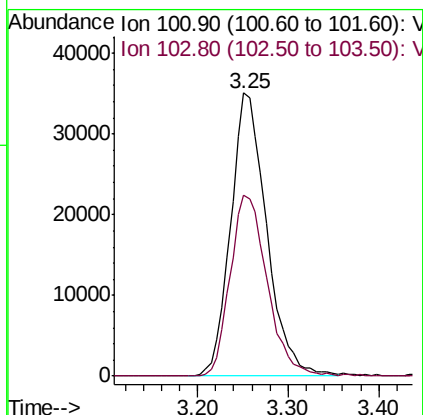
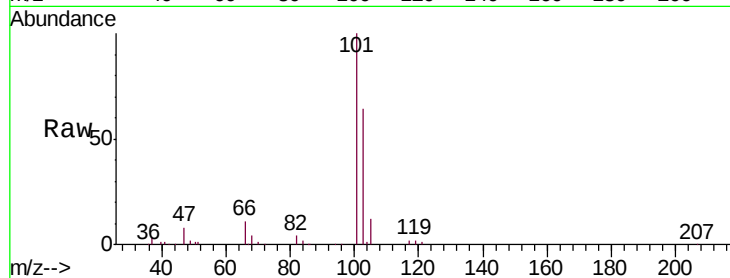


#7

Trichlorofluoromethane
 Concen: 55.194 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013950.D
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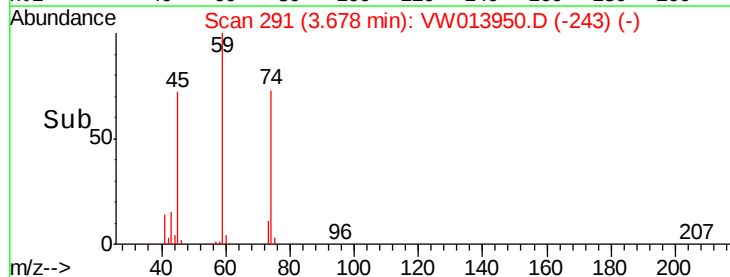
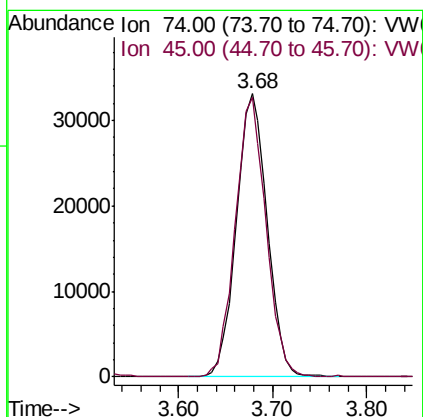
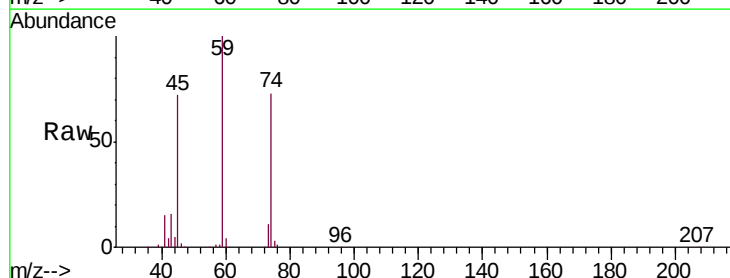
Tgt Ion:101 Resp: 96752
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.6 76.0

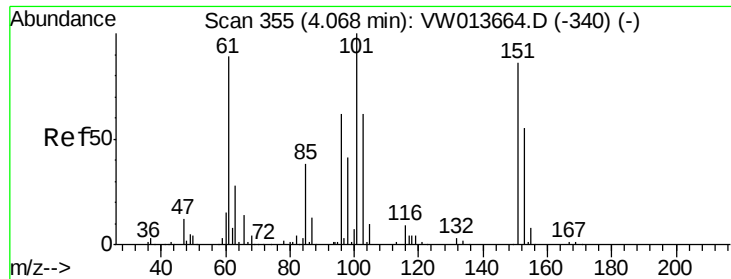


#8

Diethyl Ether
 Concen: 53.125 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion: 74 Resp: 75237
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.9 143.6

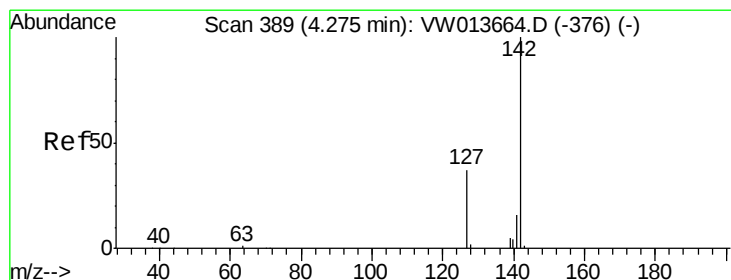
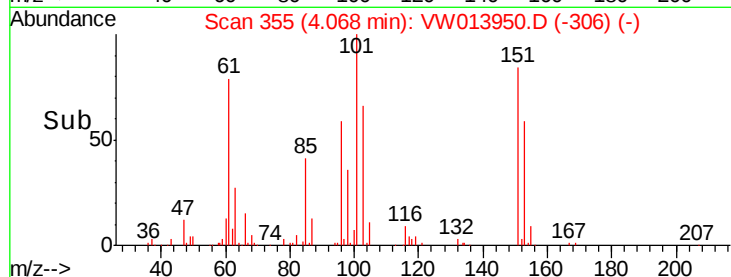
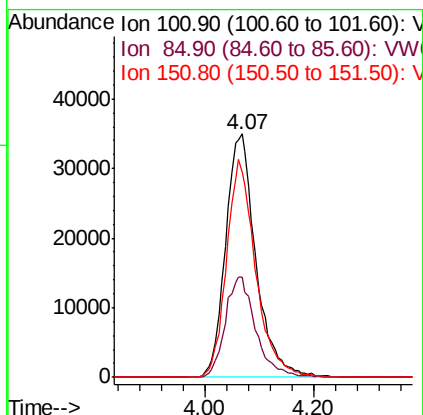
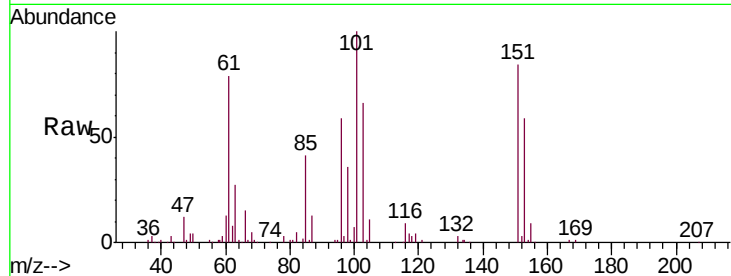




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.595 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

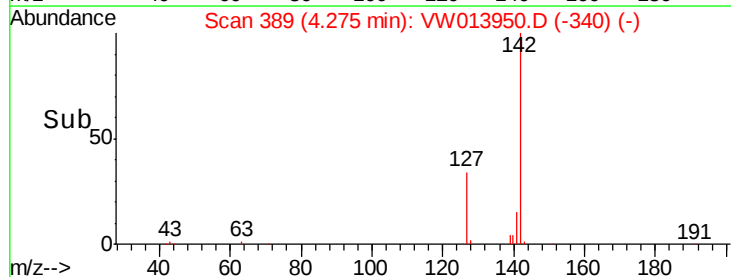
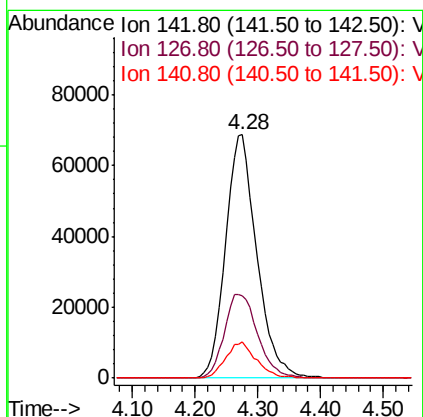
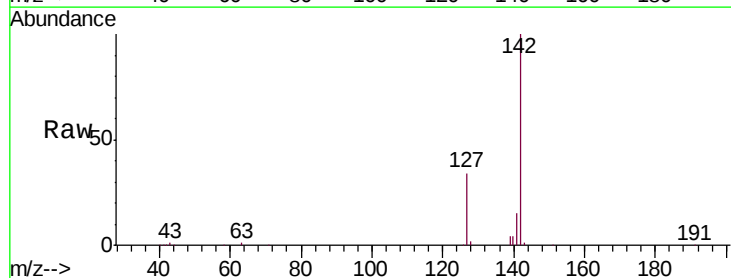
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

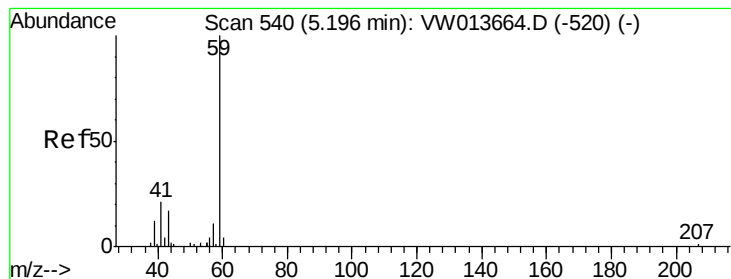
Tgt Ion:101 Resp: 135631
 Ion Ratio Lower Upper
 101 100
 85 41.4 31.0 46.6
 151 86.2 68.2 102.4



#10
 Methyl Iodide
 Concen: 50.955 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion:142 Resp: 236622
 Ion Ratio Lower Upper
 142 100
 127 36.9 30.3 45.5
 141 14.5 11.8 17.8



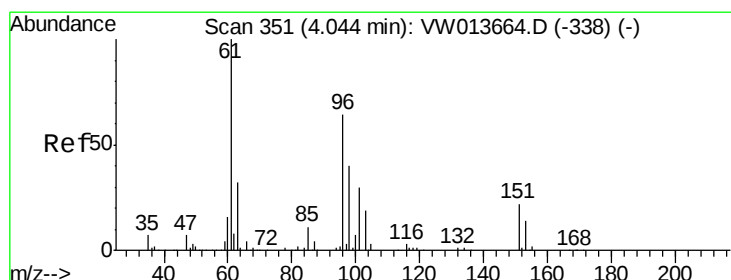
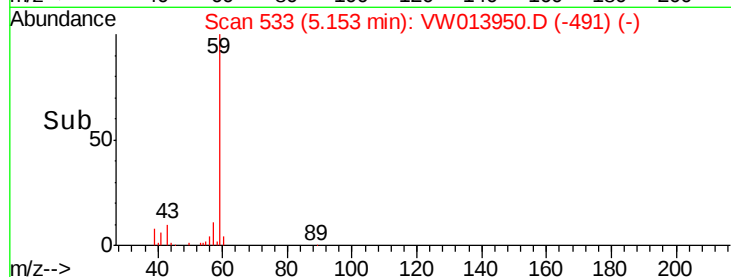
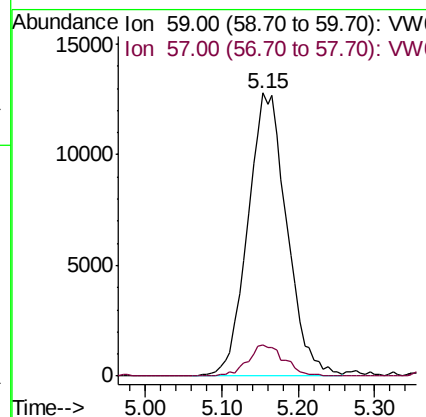
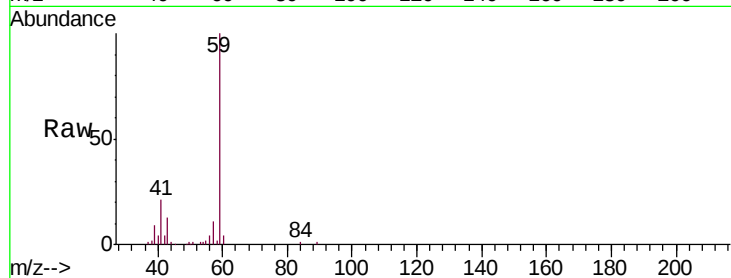


#11

Tert butyl alcohol
Concen: 308.418 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.04 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampled :
SB-38-(2-4)MS

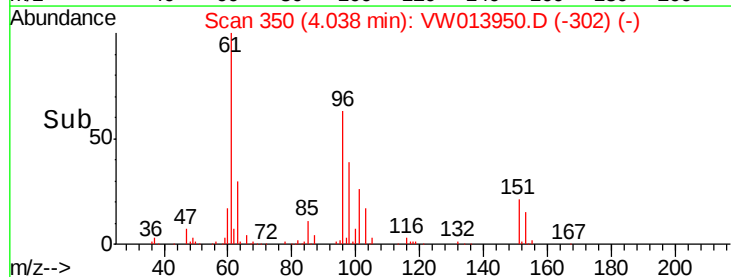
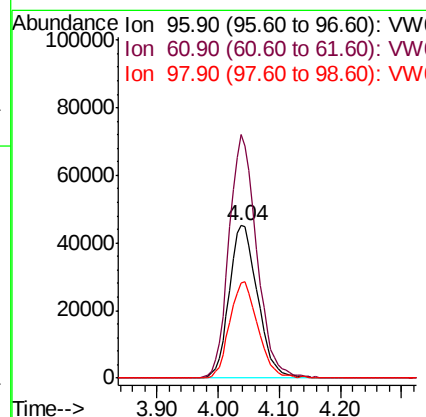
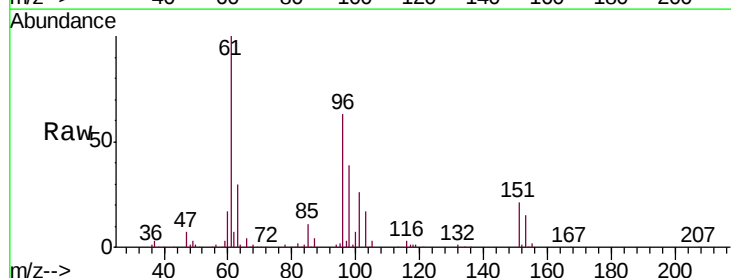
Tgt Ion: 59 Resp: 45333
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2

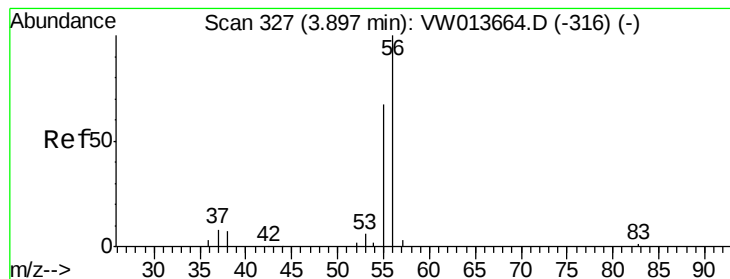


#12

1,1-Dichloroethene
Concen: 49.215 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 96 Resp: 144869
Ion Ratio Lower Upper
96 100
61 159.7 125.0 187.6
98 62.4 50.3 75.5





#13

Acrolein

Concen: 270.897 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

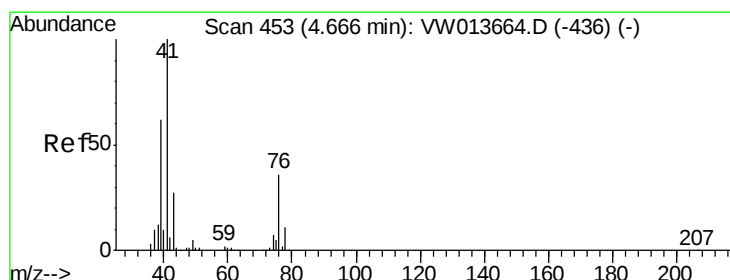
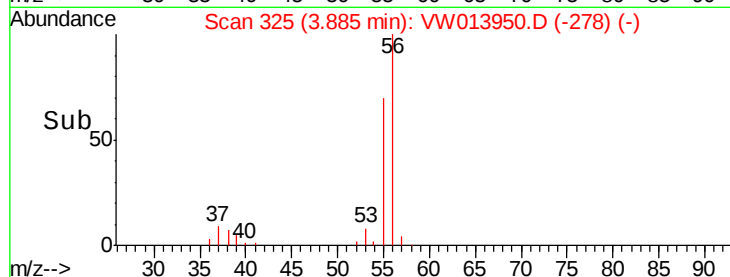
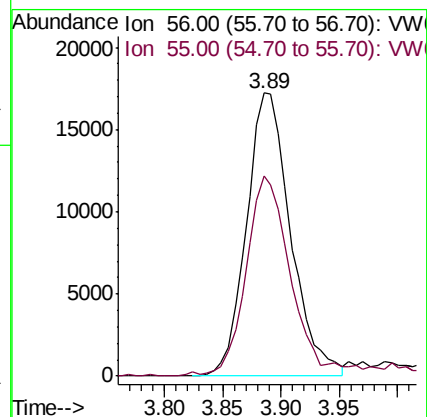
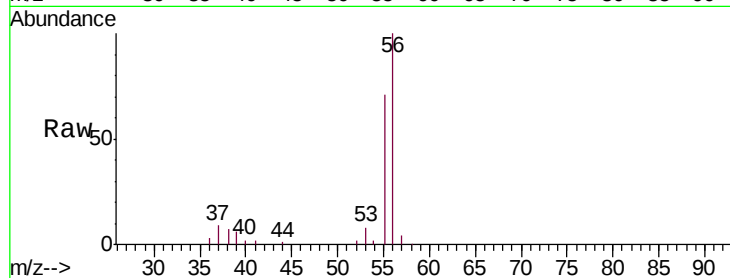
SB-38-(2-4)MS

Tgt Ion: 56 Resp: 45618

Ion Ratio Lower Upper

56 100

55 71.6 56.1 84.1



#14

Allyl chloride

Concen: 51.978 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

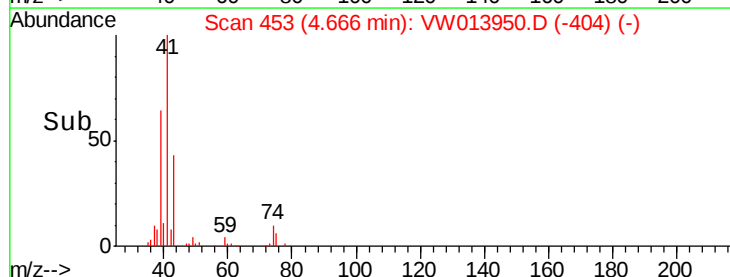
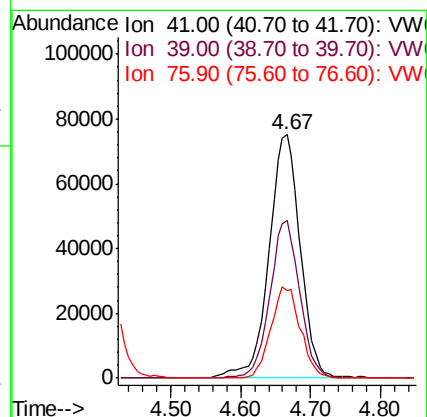
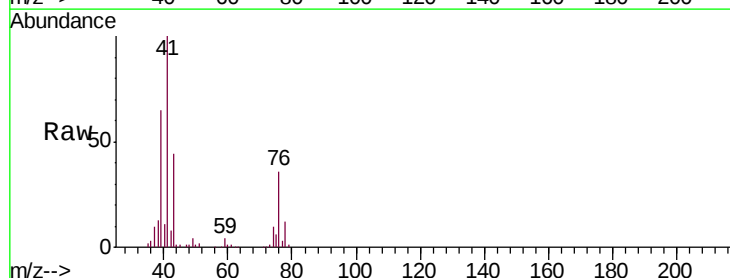
Tgt Ion: 41 Resp: 235266

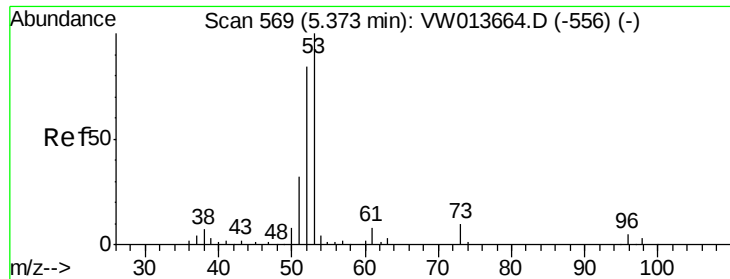
Ion Ratio Lower Upper

41 100

39 62.0 50.0 75.0

76 35.6 29.6 44.4





#15

Acrylonitrile

Concen: 273.596 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

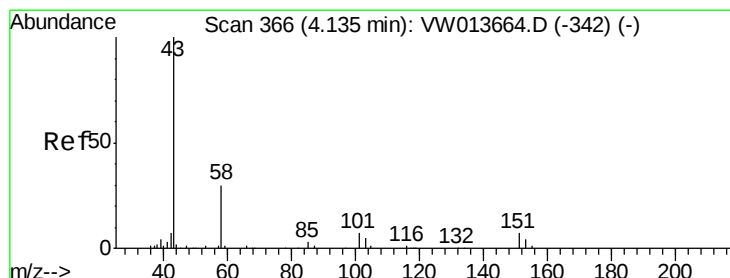
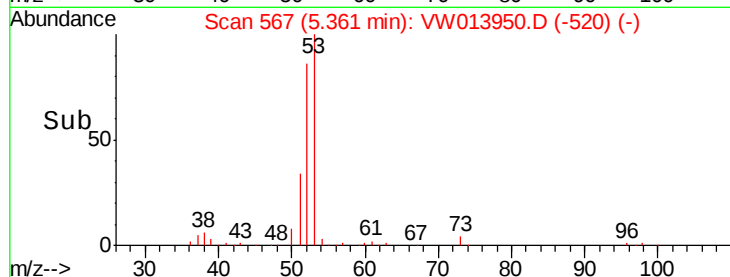
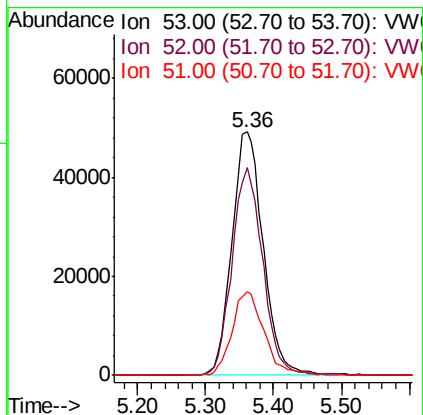
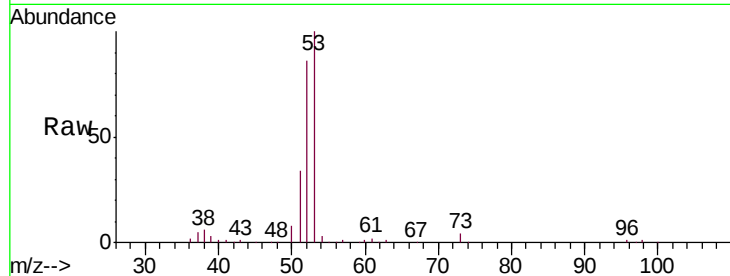
Tgt Ion: 53 Resp: 157555

Ion Ratio Lower Upper

53 100

52 83.1 67.4 101.0

51 35.3 29.1 43.7



#16

Acetone

Concen: 272.603 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013950.D

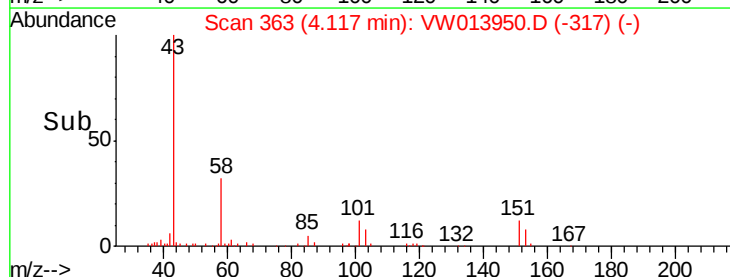
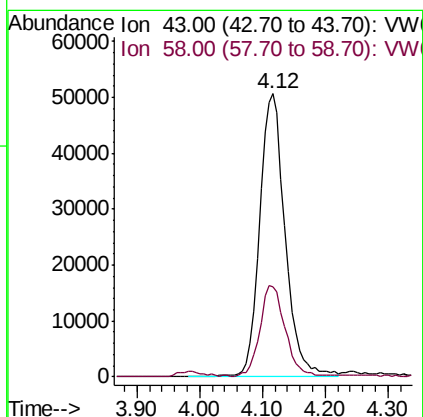
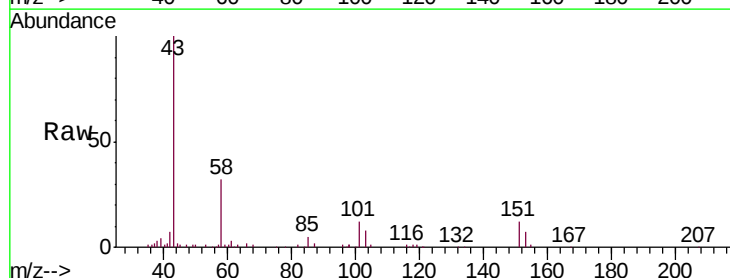
Acq: 08 Nov 2019 17:37

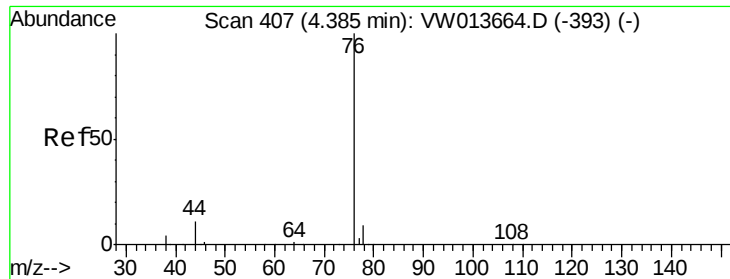
Tgt Ion: 43 Resp: 142314

Ion Ratio Lower Upper

43 100

58 31.2 24.1 36.1

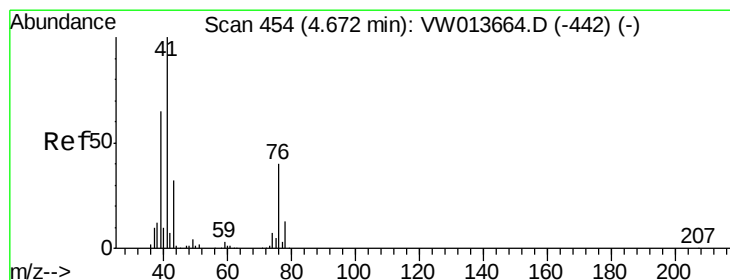
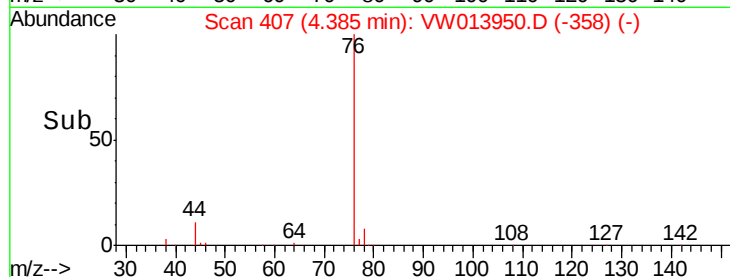
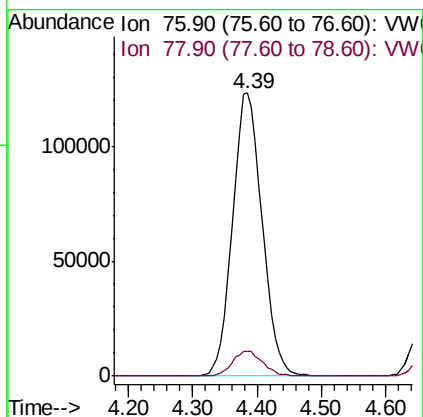
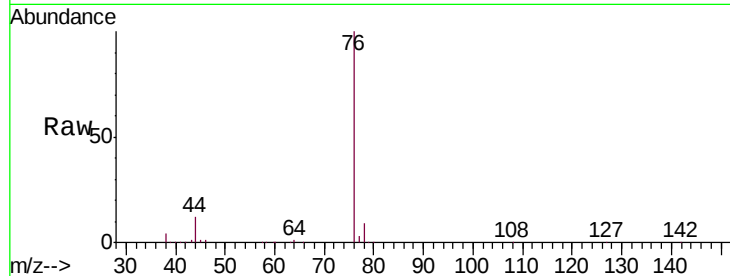




#17
Carbon Disulfide
Concen: 46.490 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

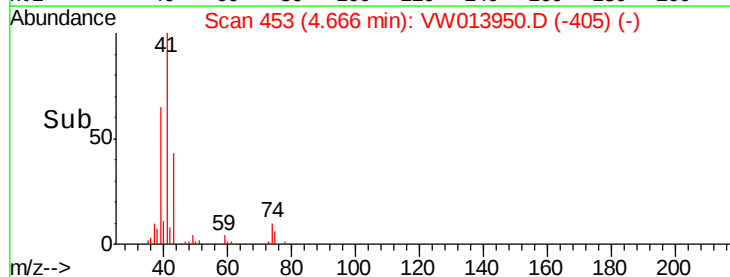
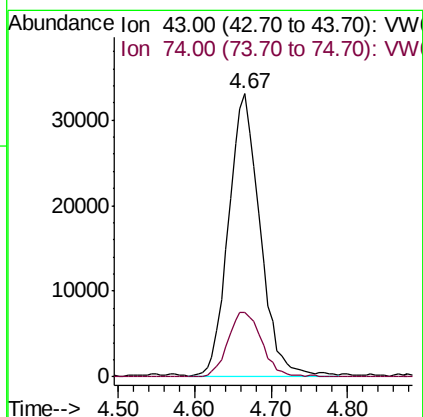
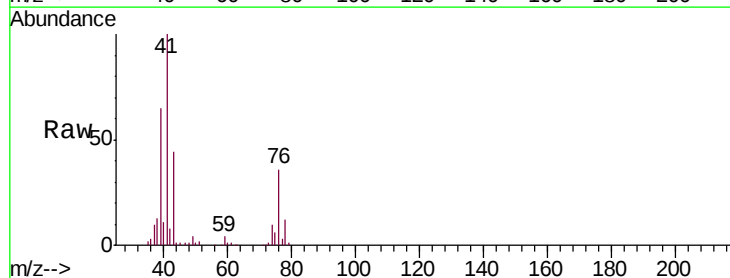
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

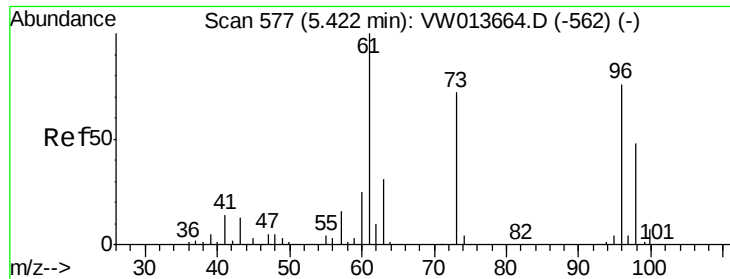
Tgt Ion: 76 Resp: 393016
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 65.305 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 43 Resp: 93456
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8

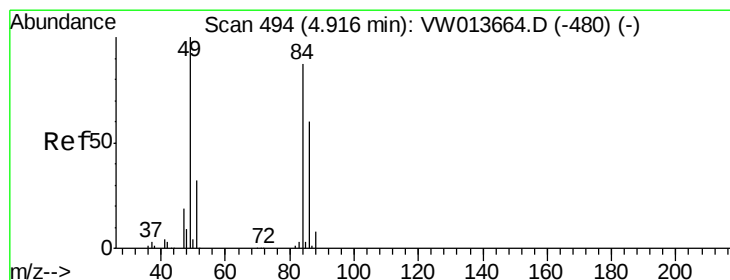
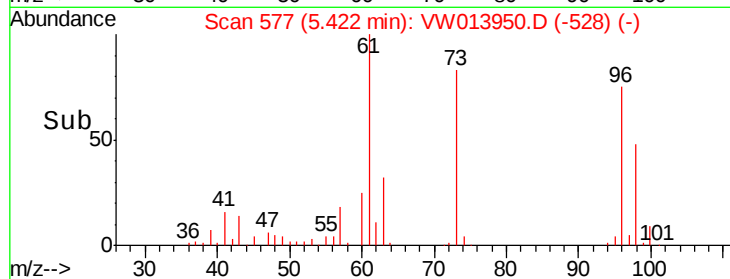
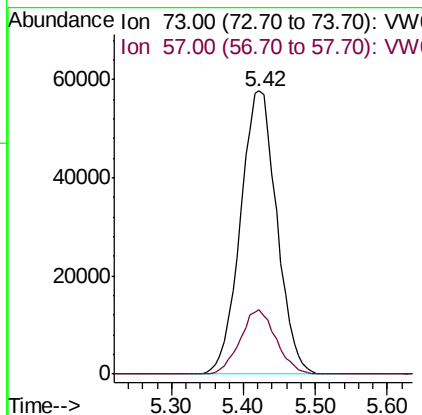
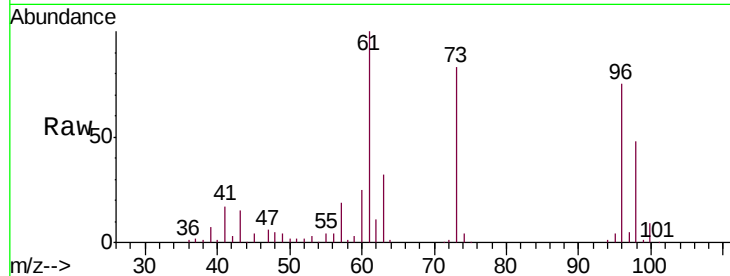




#19
Methyl tert-butyl Ether
Concen: 57.192 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

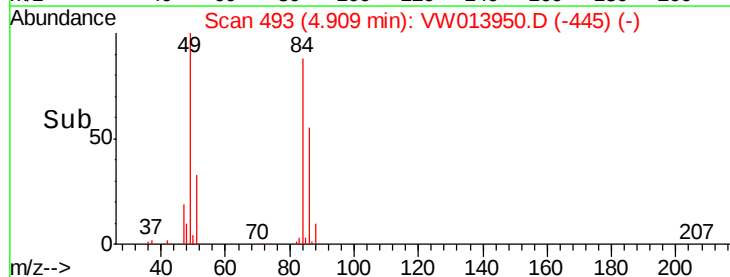
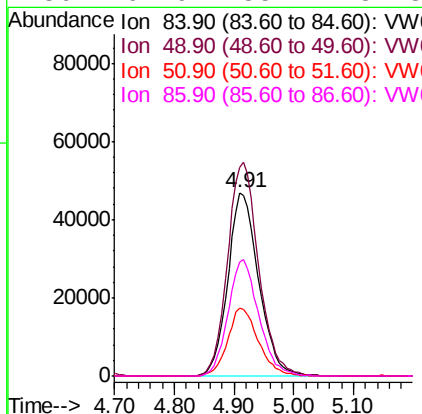
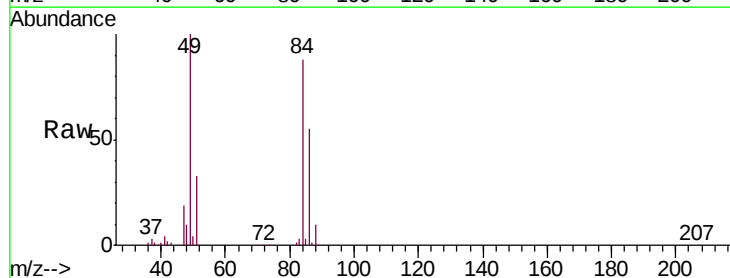
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

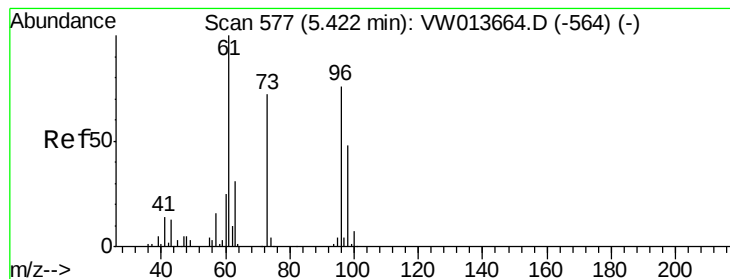
Tgt Ion: 73 Resp: 202024
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4



#20
Methylene Chloride
Concen: 59.509 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 84 Resp: 168335
Ion Ratio Lower Upper
84 100
49 113.4 91.8 137.6
51 37.1 29.8 44.6
86 61.9 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 50.268 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

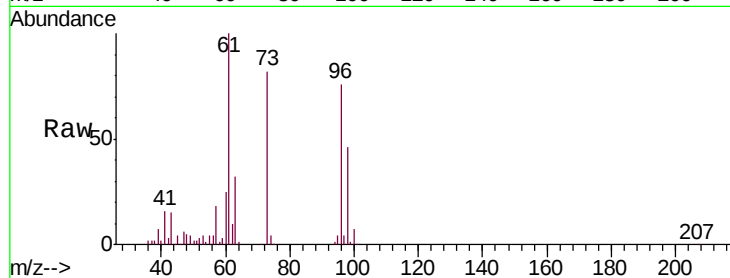
Tgt Ion: 96 Resp: 159260

Ion Ratio Lower Upper

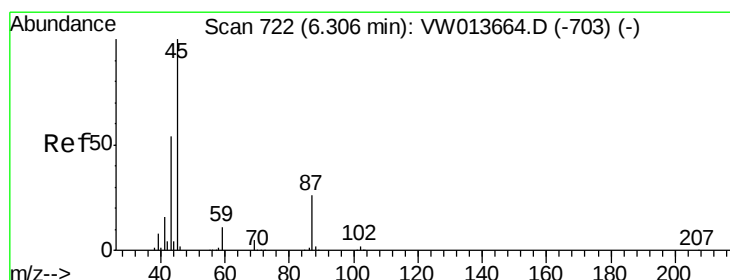
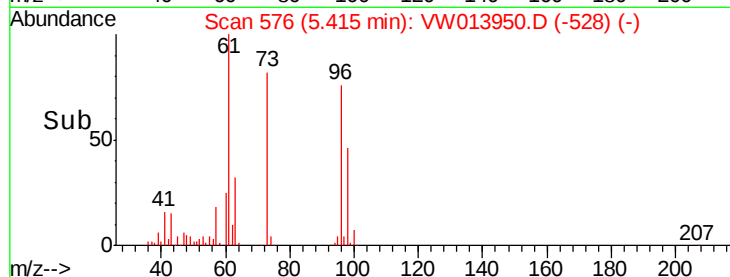
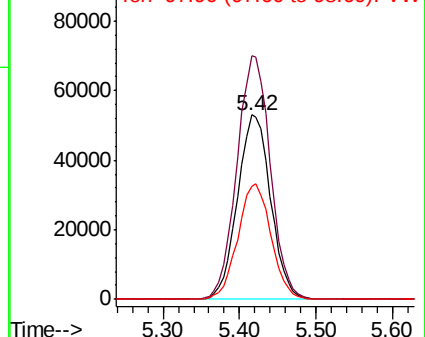
96 100

61 132.2 104.8 157.2

98 61.2 50.6 76.0



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



#22

Diisopropyl ether

Concen: 55.934 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion: 45 Resp: 461817

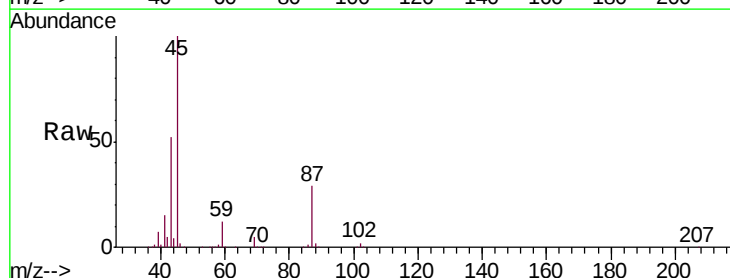
Ion Ratio Lower Upper

45 100

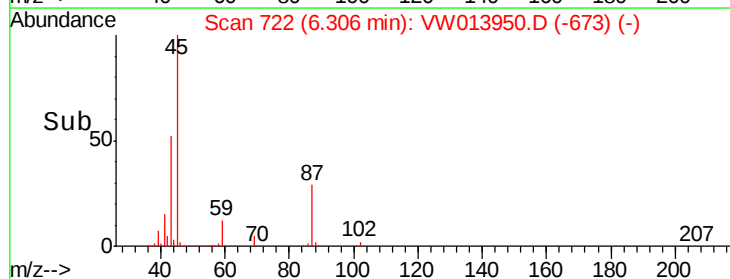
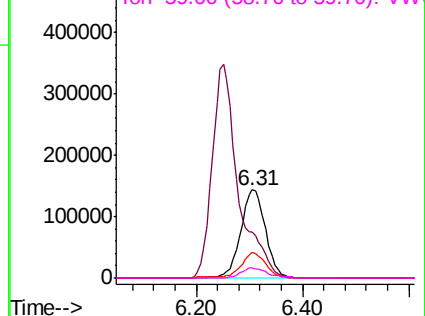
43 51.8 43.4 65.2

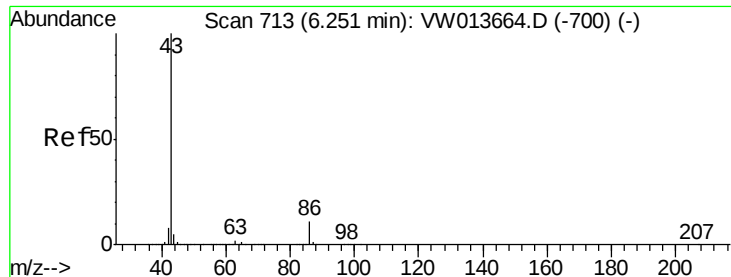
87 29.0 21.5 32.3

59 11.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 246.627 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

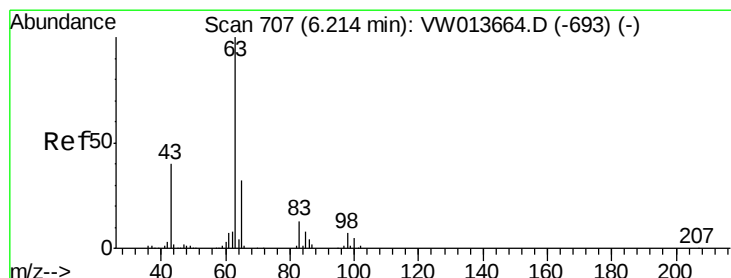
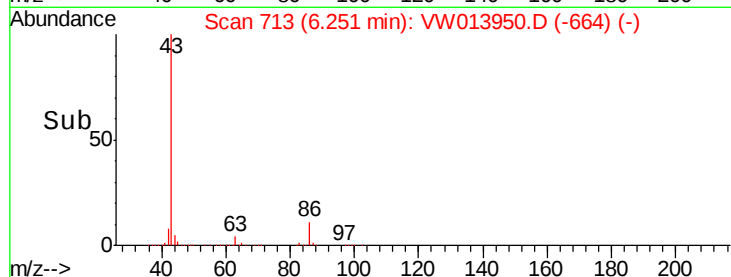
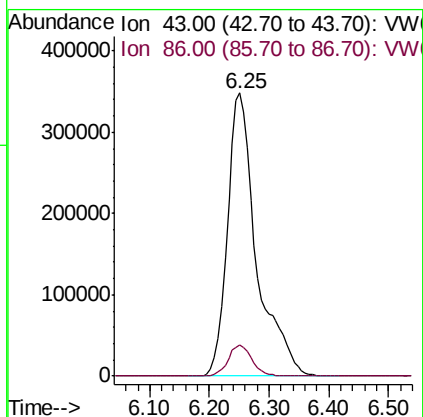
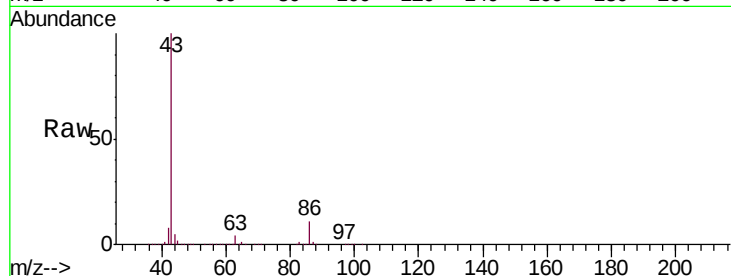
SB-38-(2-4)MS

Tgt Ion: 43 Resp: 1181513

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.6



#24

1,1-Dichloroethane

Concen: 52.555 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

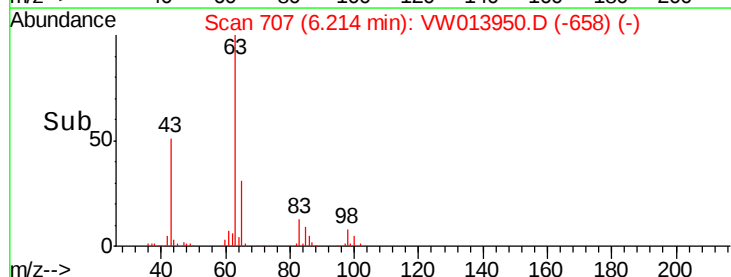
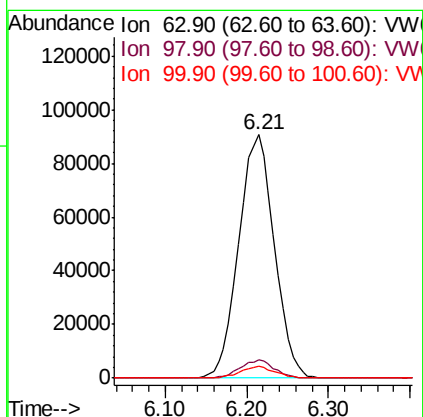
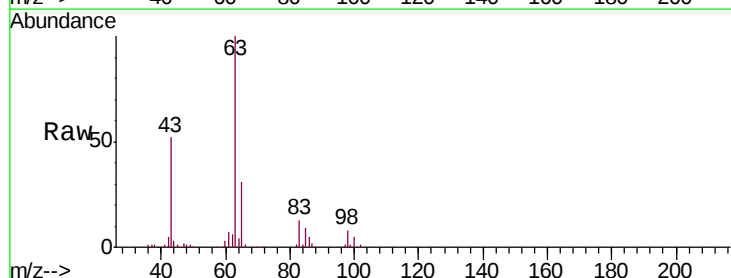
Tgt Ion: 63 Resp: 274808

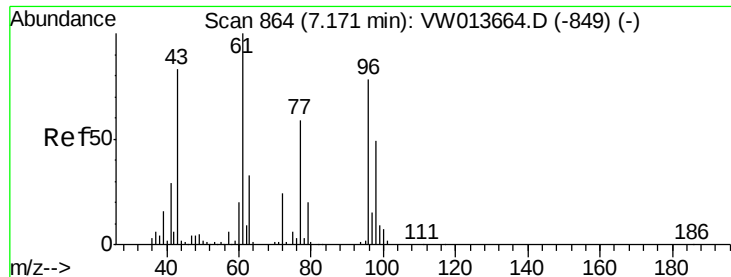
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 271.740 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

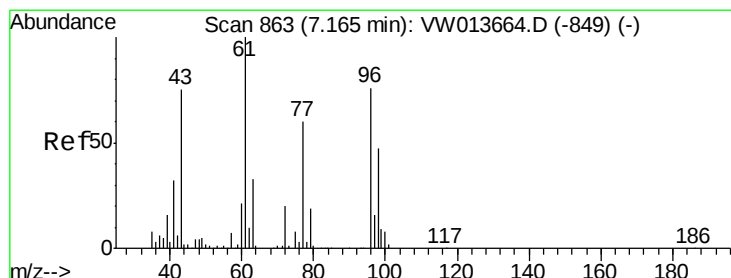
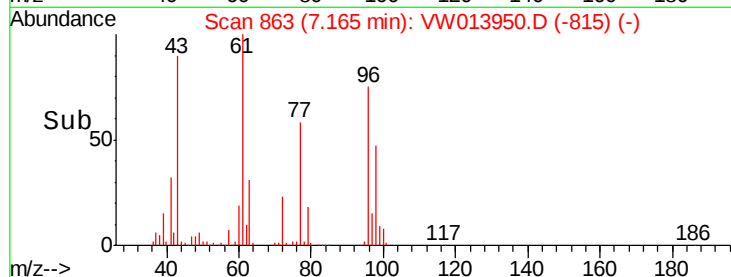
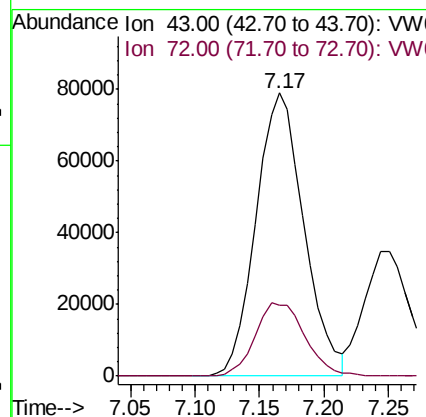
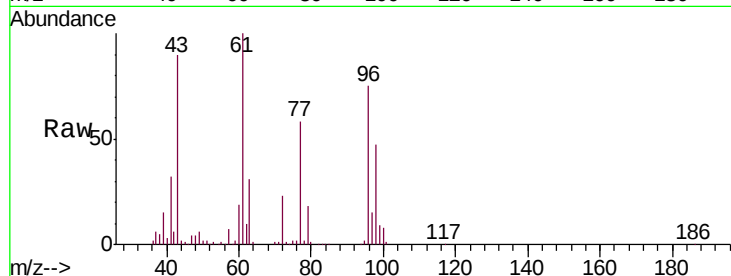
SB-38-(2-4)MS

Tgt Ion: 43 Resp: 203956

Ion Ratio Lower Upper

43 100

72 25.2 23.6 35.4



#26

2,2-Dichloropropane

Concen: 48.741 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013950.D

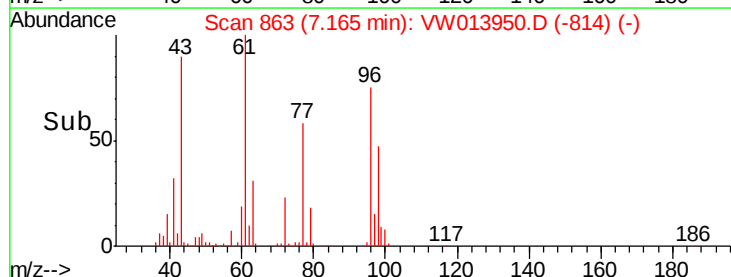
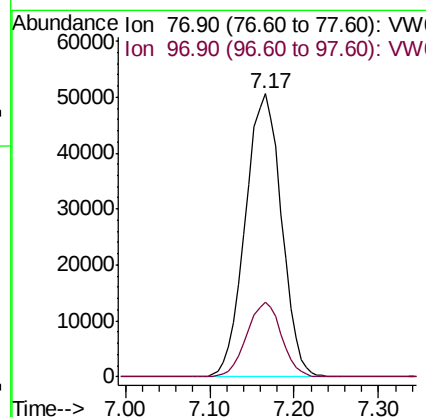
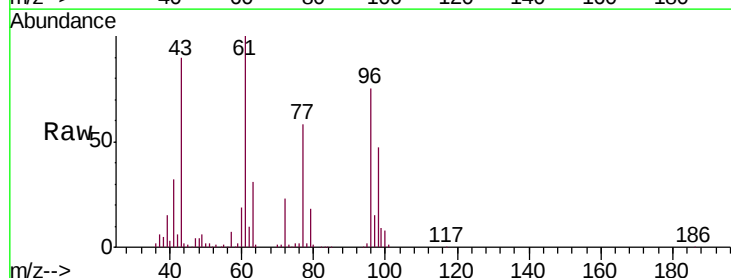
Acq: 08 Nov 2019 17:37

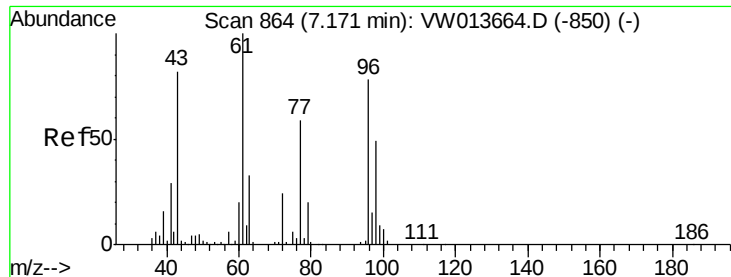
Tgt Ion: 77 Resp: 147375

Ion Ratio Lower Upper

77 100

97 25.4 12.8 38.4



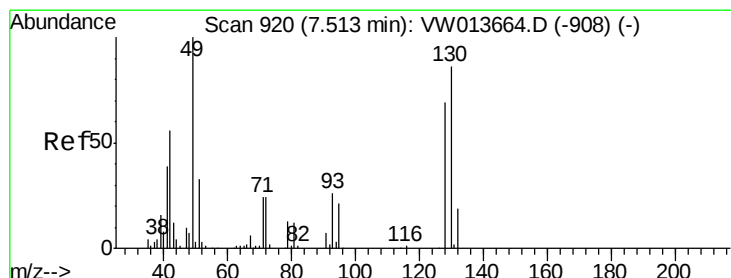
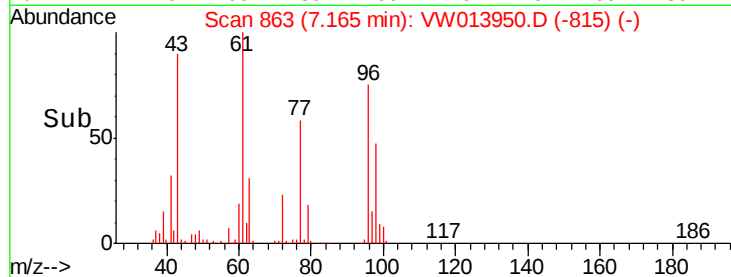
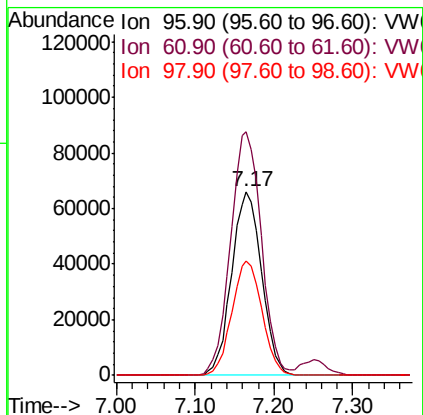
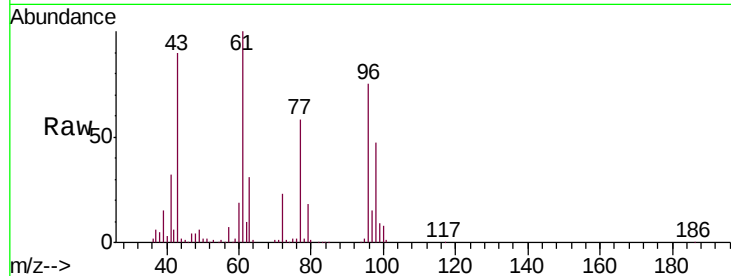


#27

cis-1,2-Dichloroethene
Concen: 52.092 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

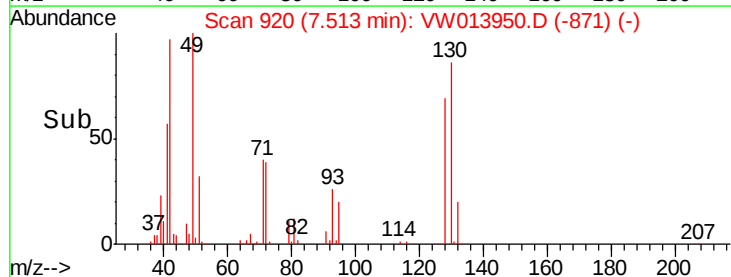
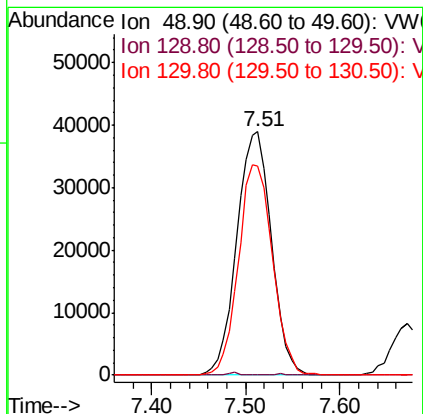
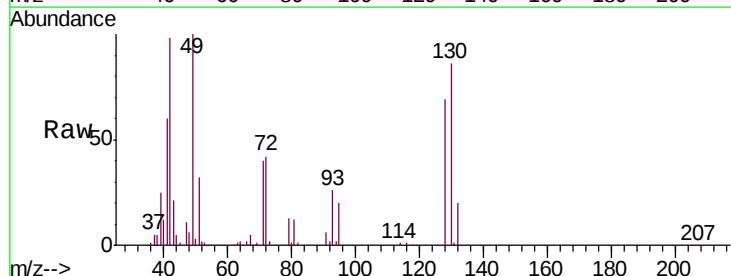
Tgt Ion: 96 Resp: 175295
Ion Ratio Lower Upper
96 100
61 135.4 0.0 266.0
98 62.3 0.0 126.8

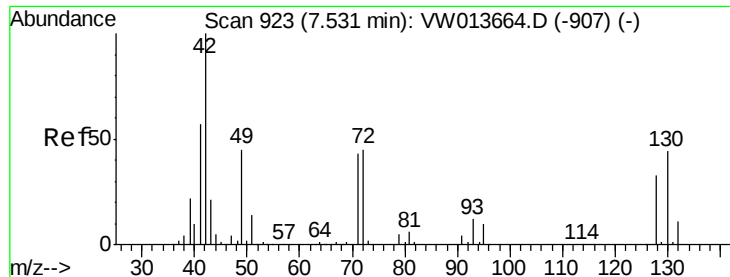


#28

Bromochloromethane
Concen: 53.614 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 49 Resp: 100068
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 85.3 67.5 101.3

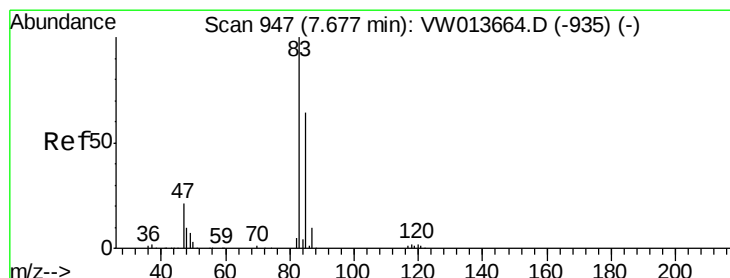
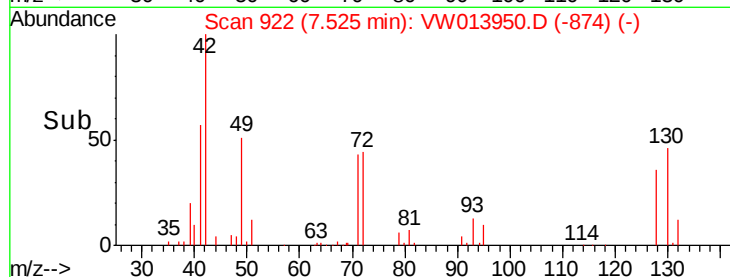
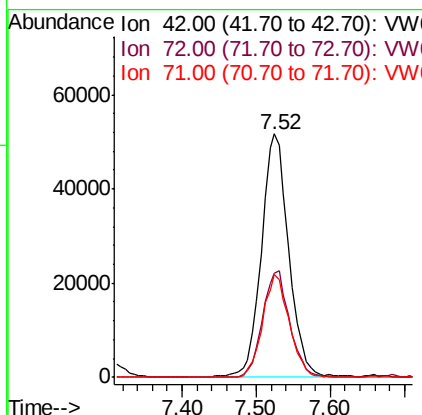
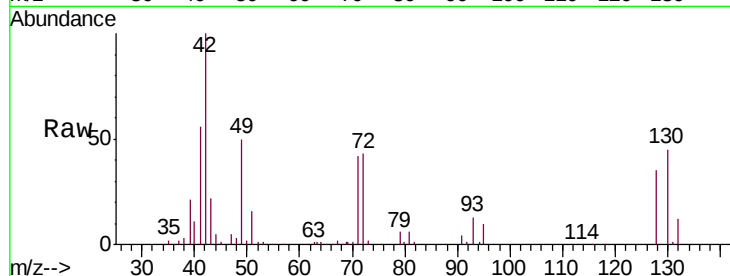




#29
Tetrahydrofuran
Concen: 285.701 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

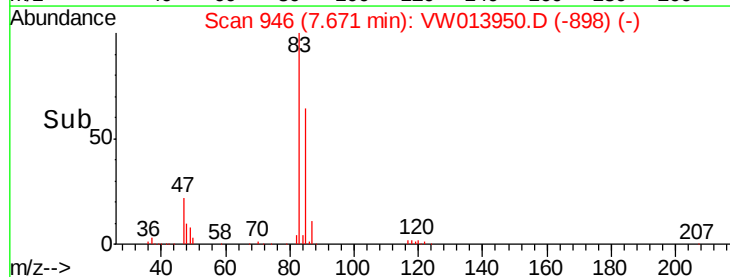
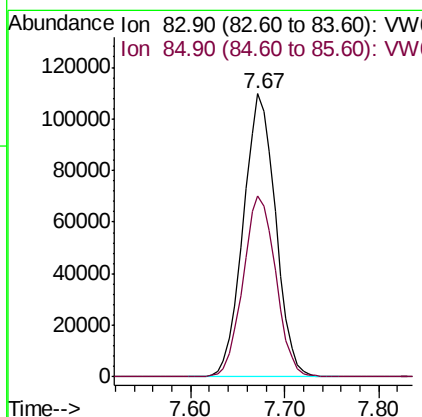
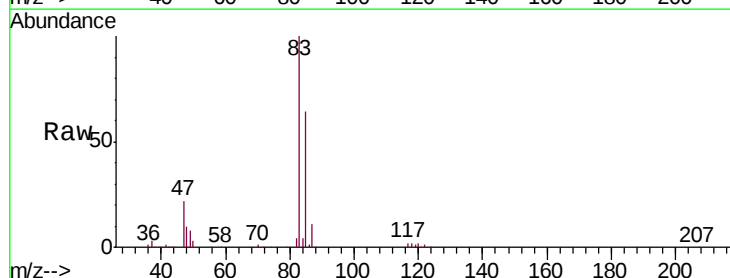
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

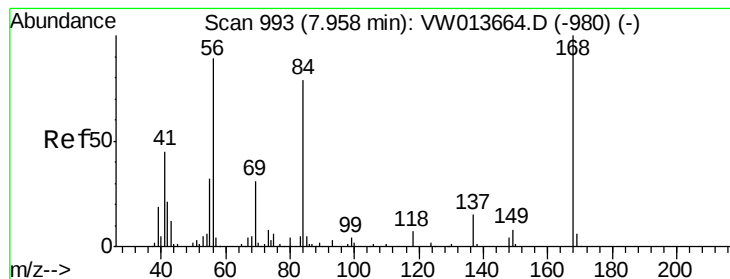
Tgt Ion: 42 Resp: 132757
Ion Ratio Lower Upper
42 100
72 43.5 35.3 52.9
71 41.2 33.3 49.9



#30
Chloroform
Concen: 50.602 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 83 Resp: 261565
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2





#31

Cyclohexane

Concen: 48.177 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

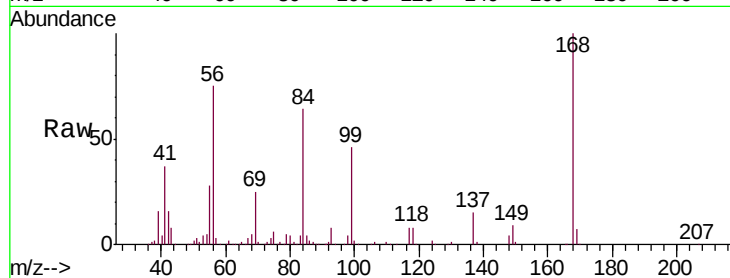
Tgt Ion: 56 Resp: 263631

Ion Ratio Lower Upper

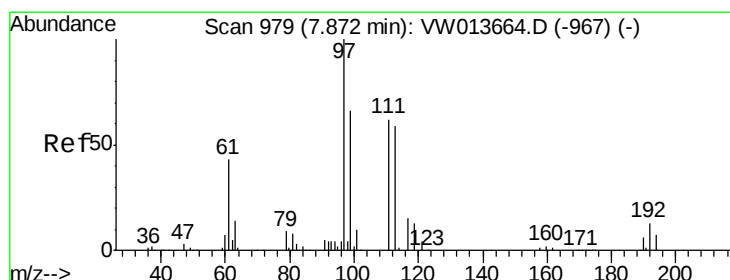
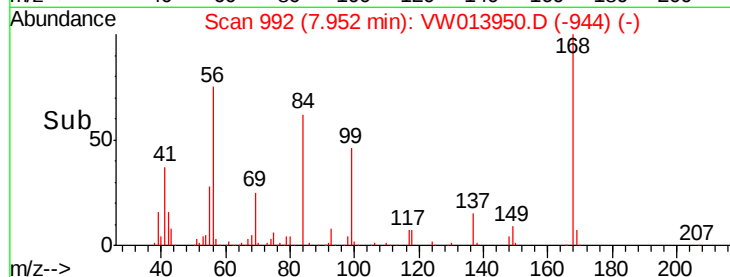
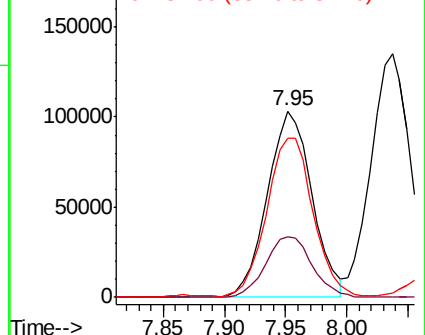
56 100

69 32.7 27.5 41.3

84 84.0 70.8 106.2



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: 51.133 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

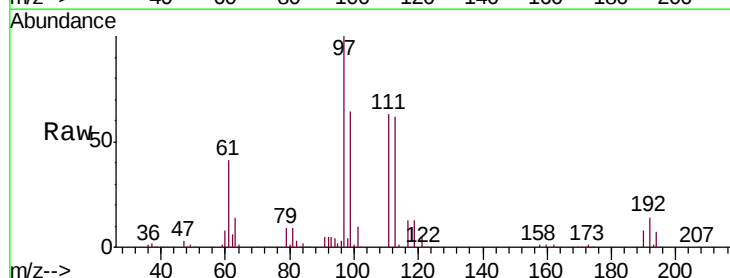
Tgt Ion: 97 Resp: 207414

Ion Ratio Lower Upper

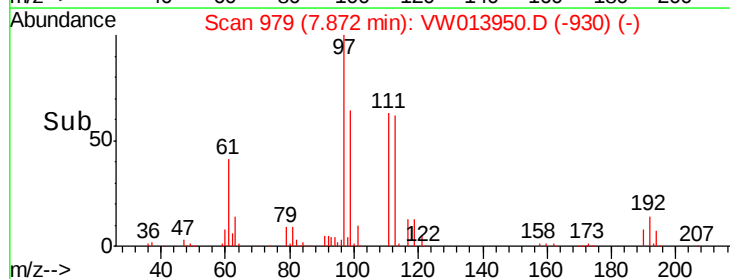
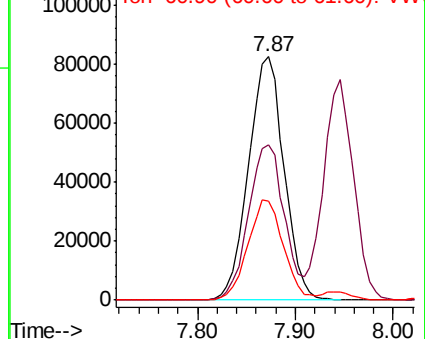
97 100

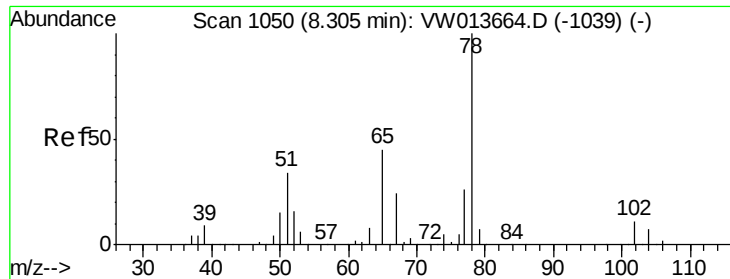
99 64.9 52.0 78.0

61 41.3 33.8 50.6



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: 55.460 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

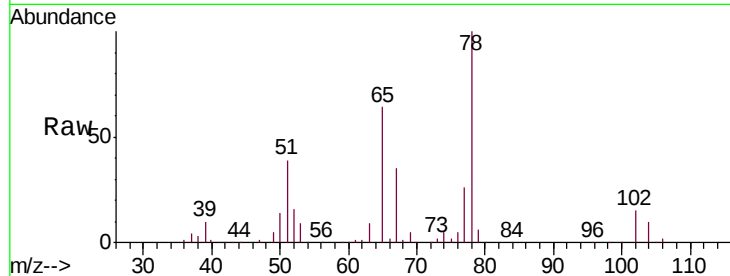
SB-38-(2-4)MS

Tgt Ion: 65 Resp: 136551

Ion Ratio Lower Upper

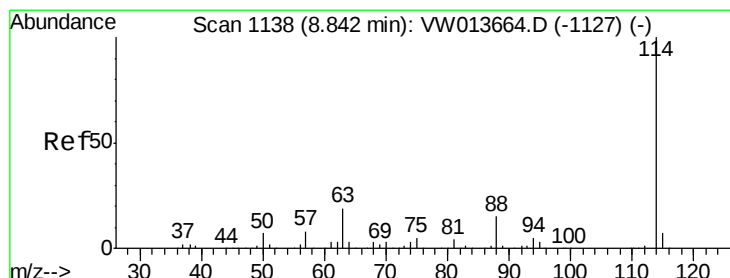
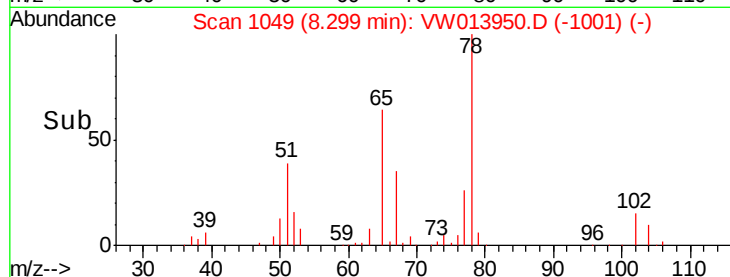
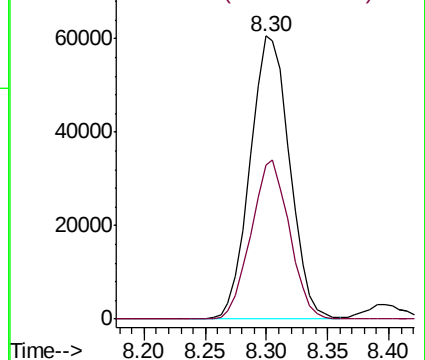
65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

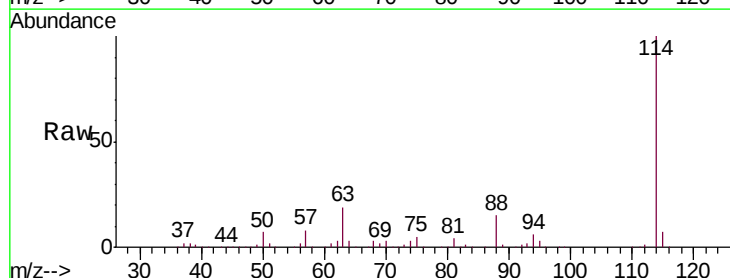
Tgt Ion: 114 Resp: 489023

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

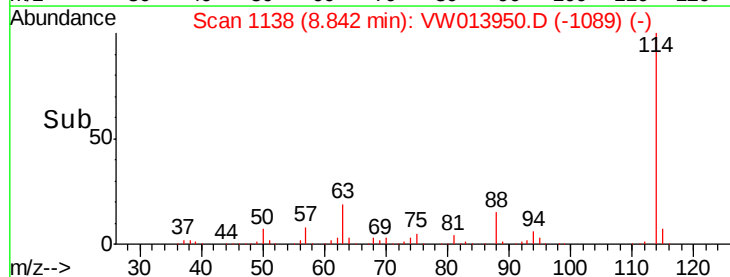
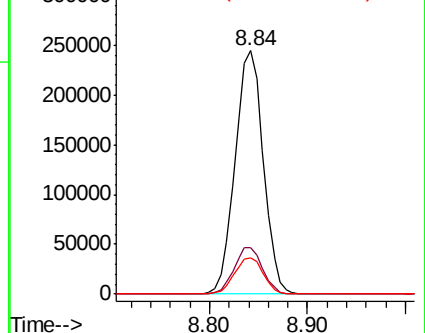
88 14.9 0.0 30.2

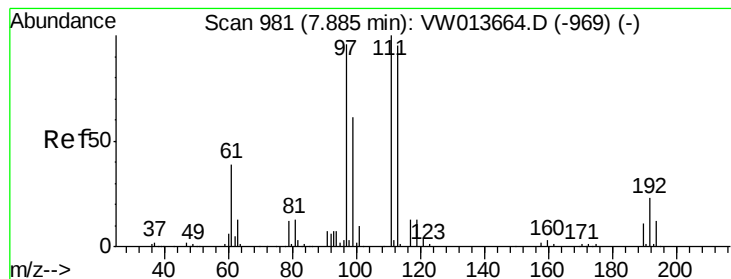


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.793 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

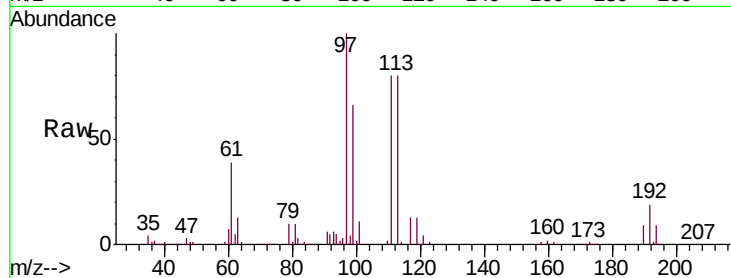
Tgt Ion:113 Resp: 143453

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

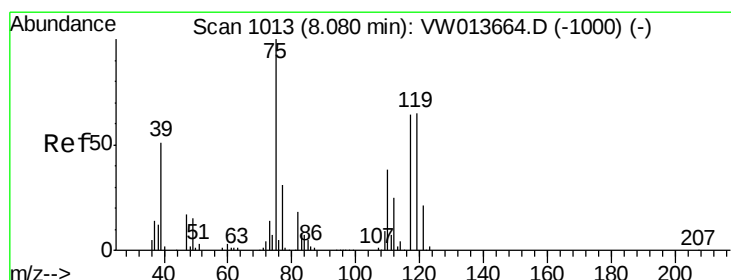
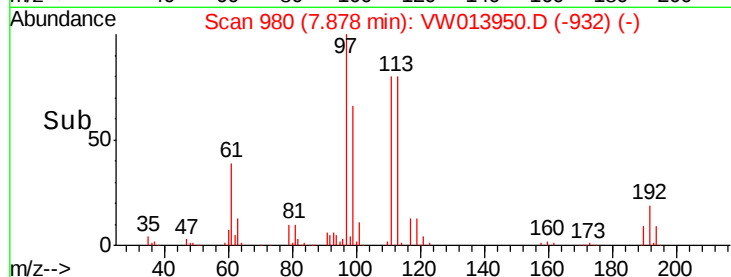
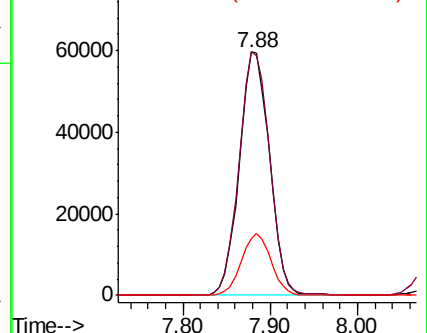
192 24.8 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.818 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

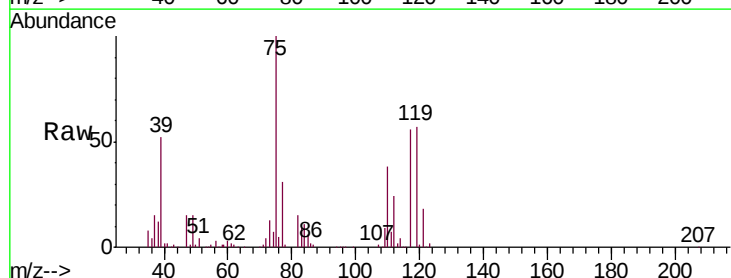
Tgt Ion: 75 Resp: 213222

Ion Ratio Lower Upper

75 100

110 36.6 18.7 56.1

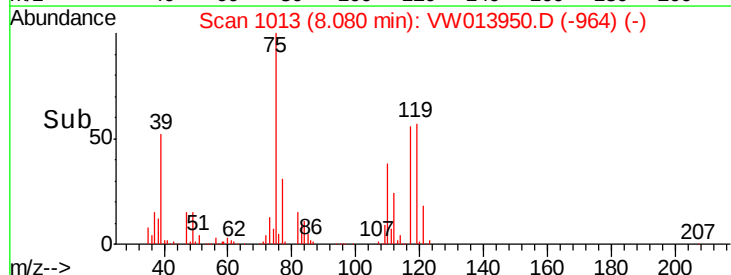
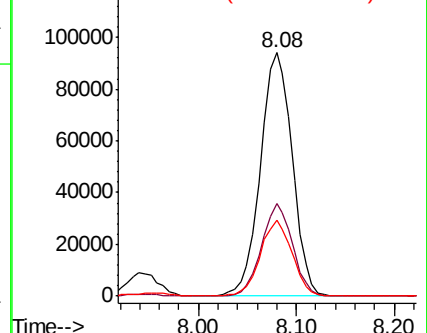
77 30.9 25.4 38.0

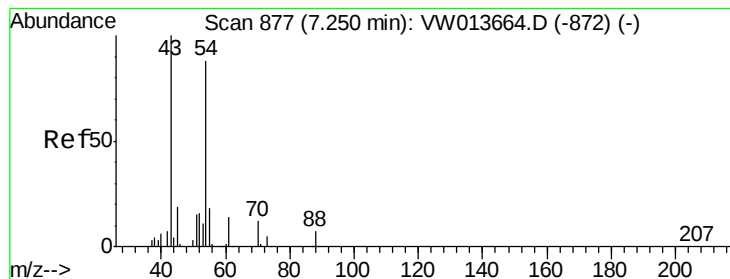


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 50.495 ug/l

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

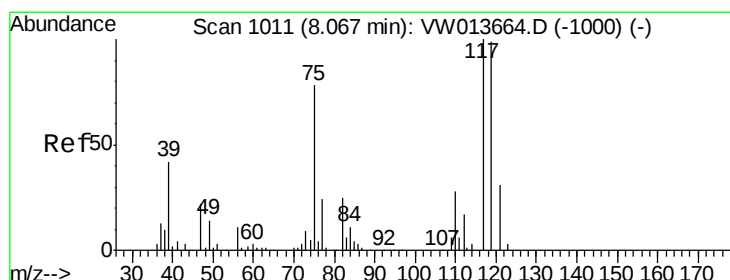
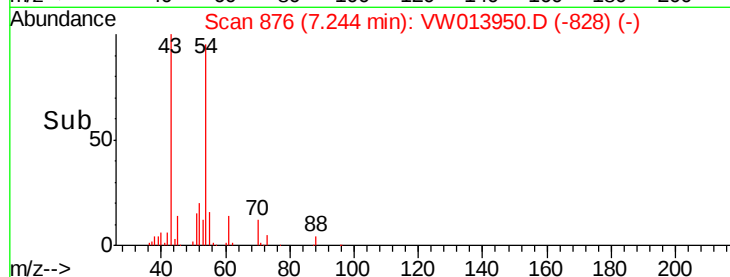
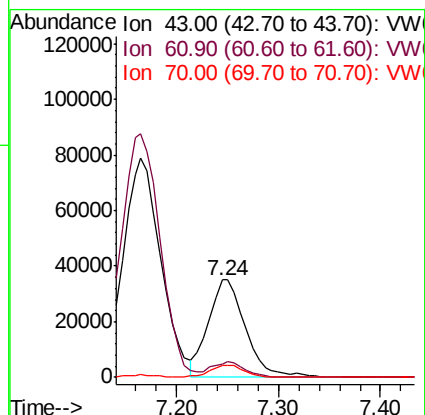
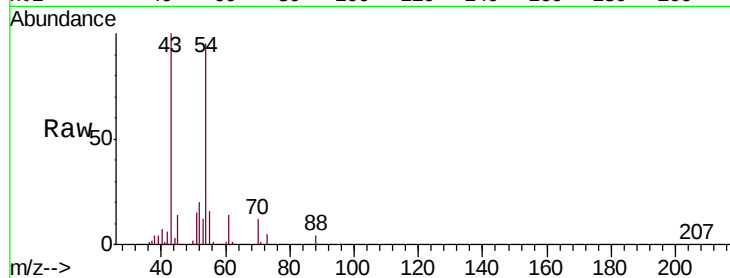
Tgt Ion: 43 Resp: 88033

Ion Ratio Lower Upper

43 100

61 14.5 11.7 17.5

70 11.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 45.897 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

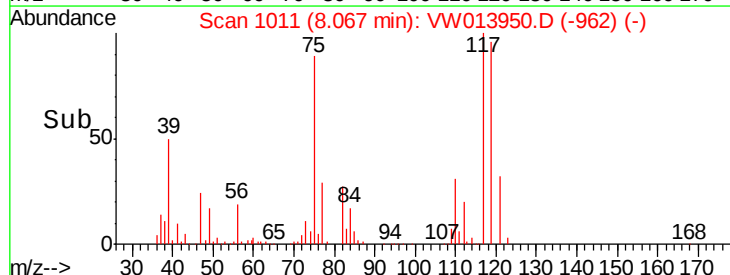
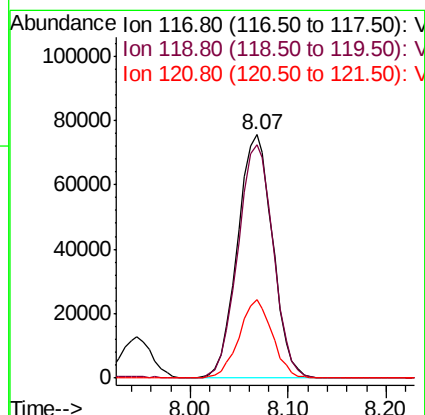
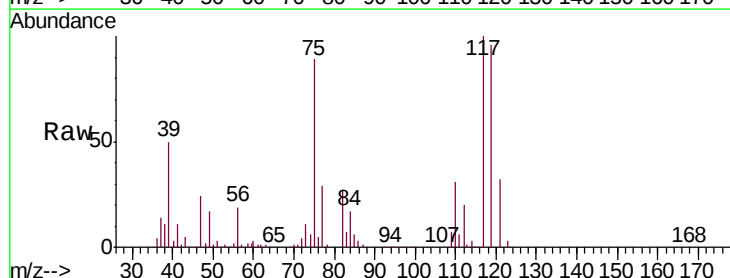
Tgt Ion: 117 Resp: 188231

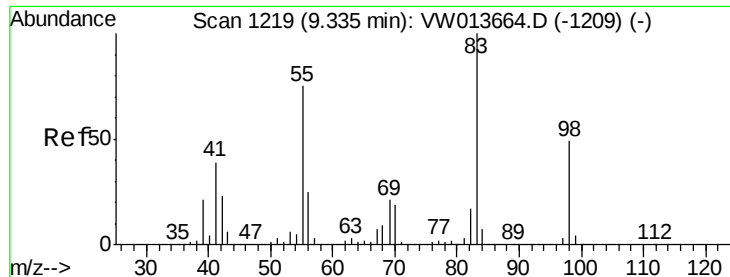
Ion Ratio Lower Upper

117 100

119 95.6 79.0 118.4

121 32.1 24.5 36.7

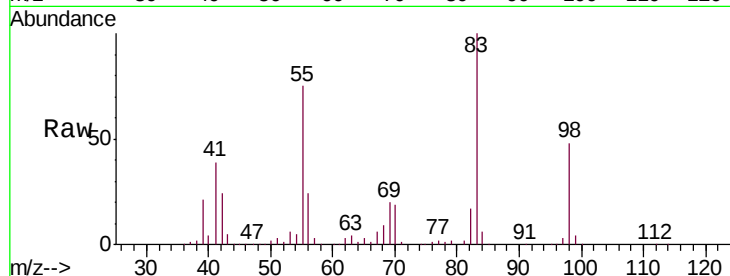




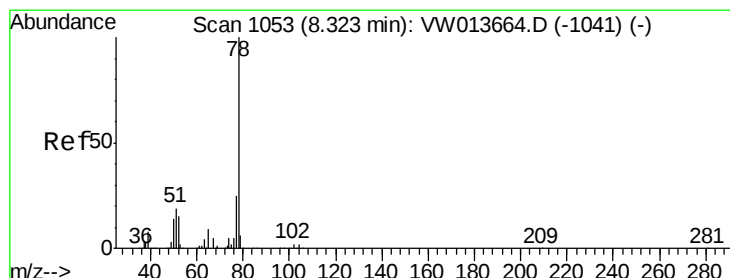
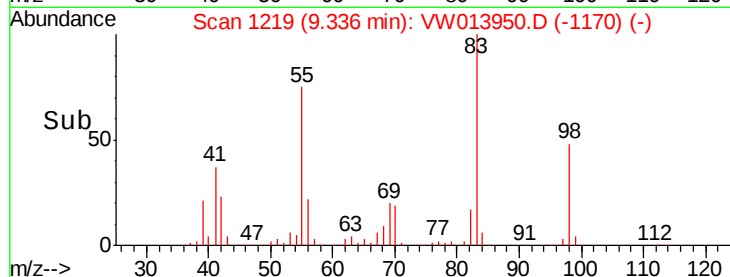
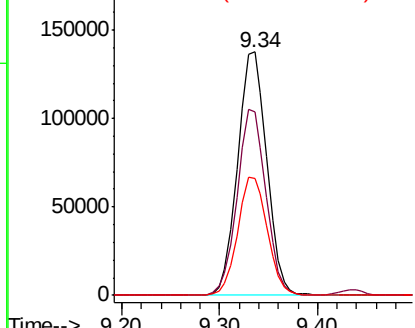
#39
Methylcyclohexane
Concen: 48.517 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tgt Ion: 83 Resp: 285353
Ion Ratio Lower Upper
83 100
55 75.2 59.9 89.9
98 48.2 39.4 59.2

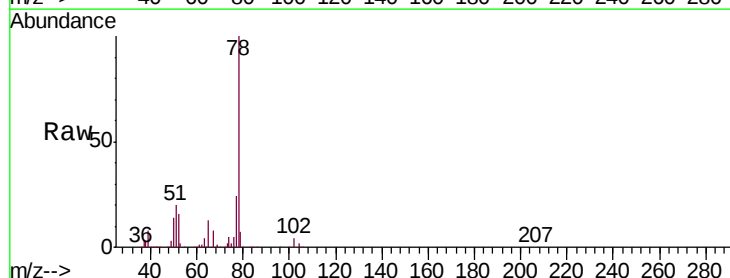


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

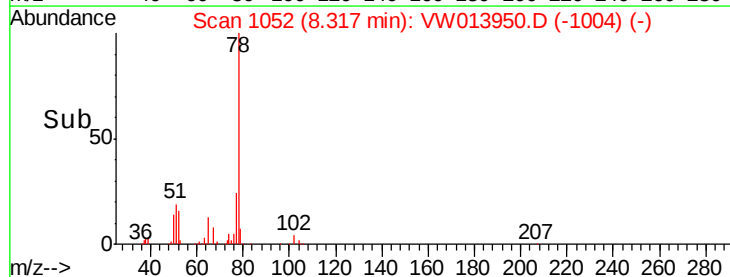
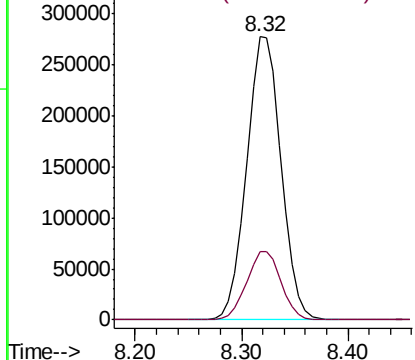


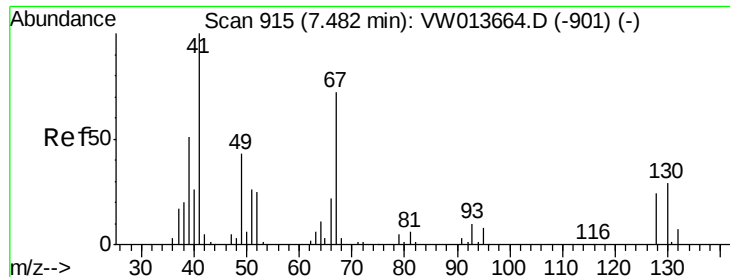
#40
Benzene
Concen: 48.837 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 78 Resp: 629447
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 53.276 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

Tgt Ion: 41 Resp: 57920

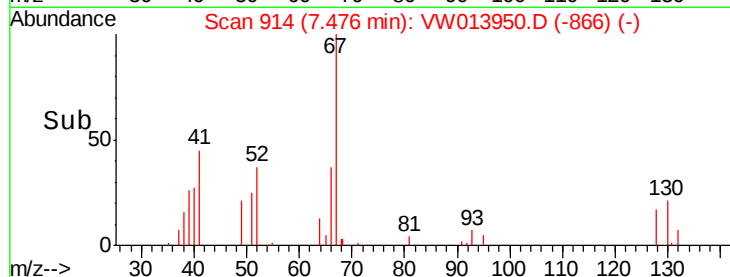
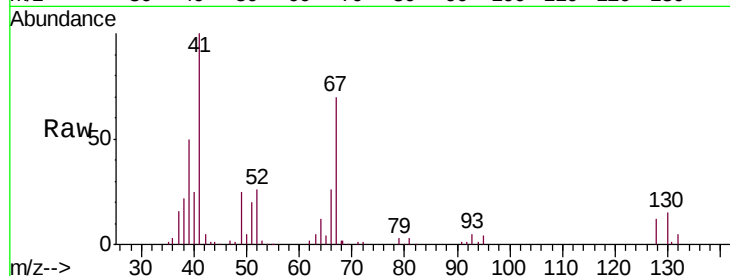
Ion Ratio Lower Upper

41 100

39 50.5 44.8 67.2

67 67.3 59.3 88.9

52 26.6 23.4 35.0

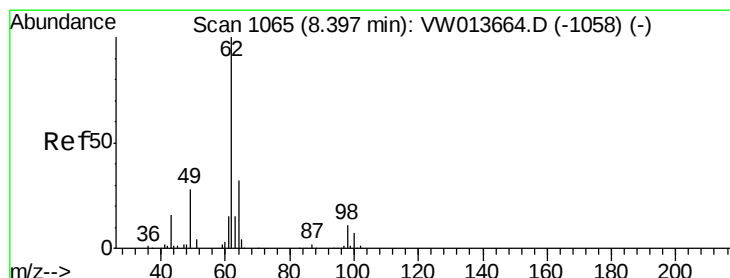
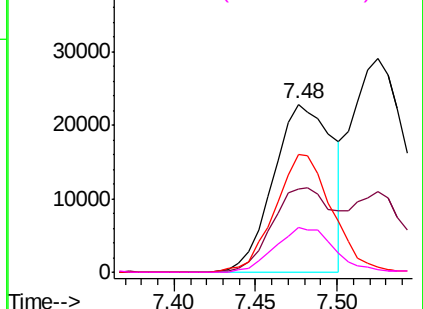


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 49.638 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW013950.D

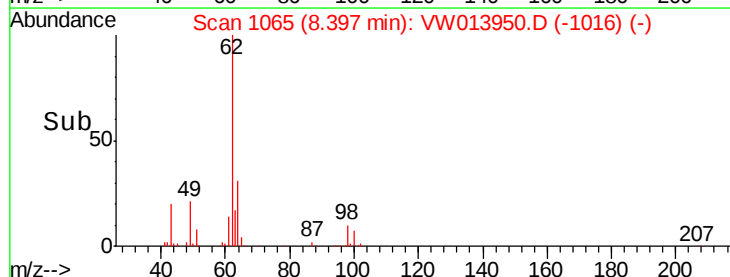
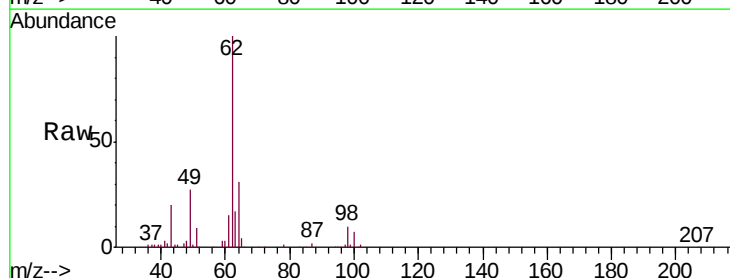
Acq: 08 Nov 2019 17:37

Tgt Ion: 62 Resp: 161218

Ion Ratio Lower Upper

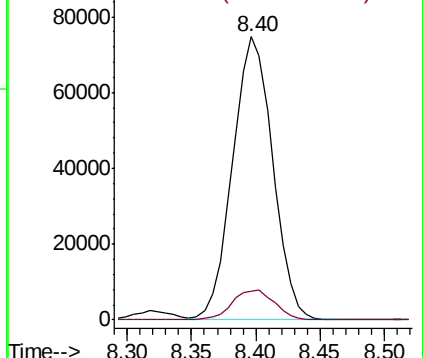
62 100

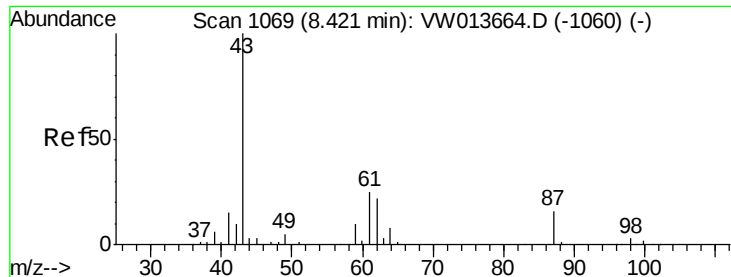
98 11.2 0.0 22.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.851 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

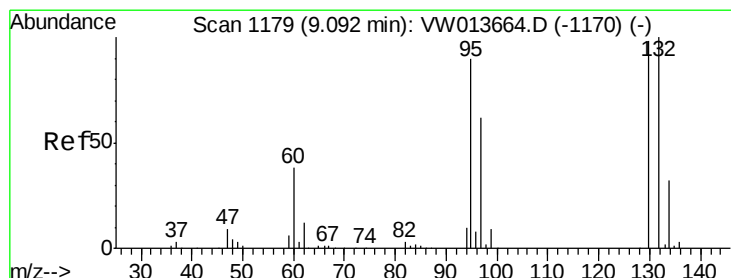
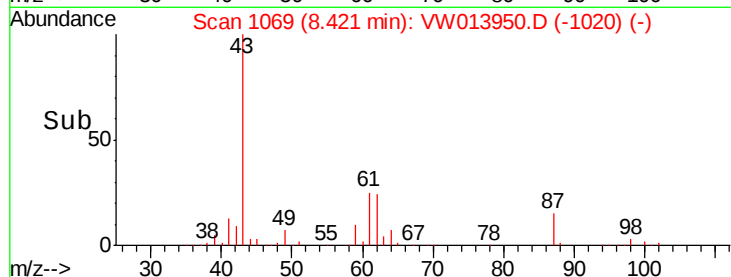
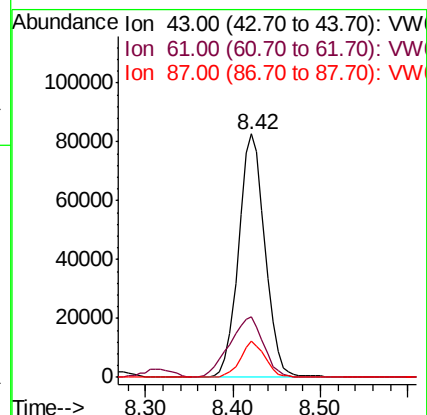
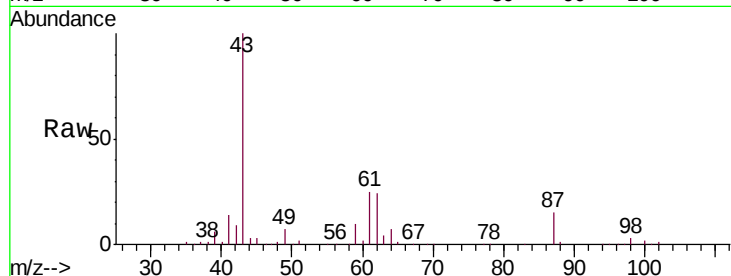
Tgt Ion: 43 Resp: 173030

Ion Ratio Lower Upper

43 100

61 32.1 26.1 39.1

87 13.9 11.4 17.0



#44

Trichloroethene

Concen: 47.633 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013950.D

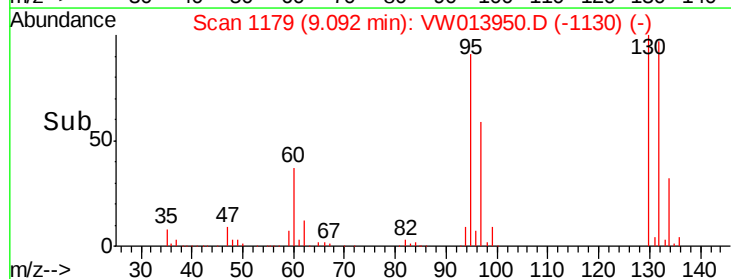
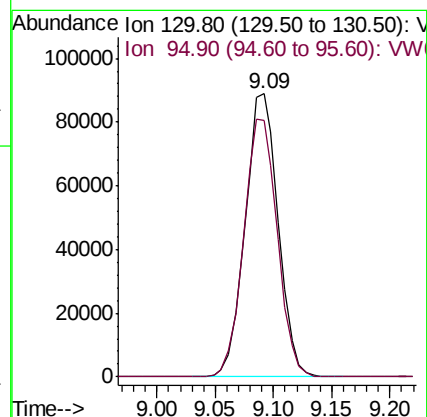
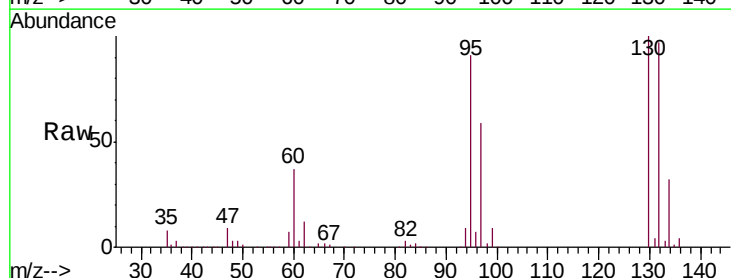
Acq: 08 Nov 2019 17:37

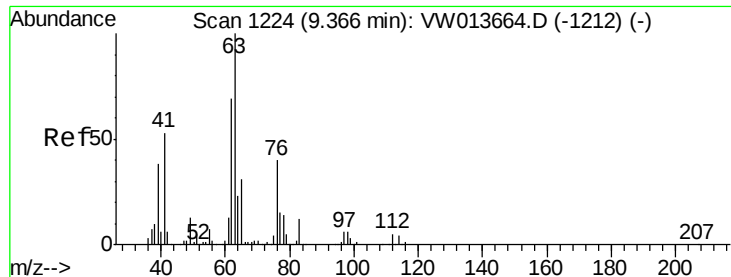
Tgt Ion: 130 Resp: 175860

Ion Ratio Lower Upper

130 100

95 90.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 49.900 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

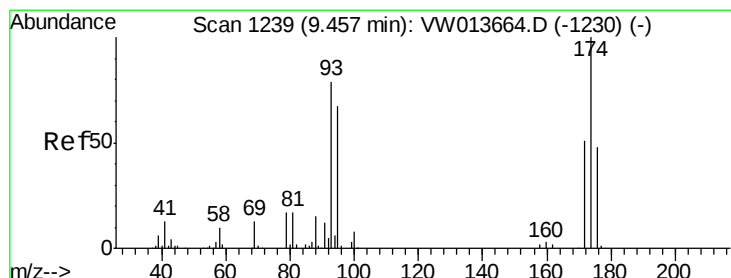
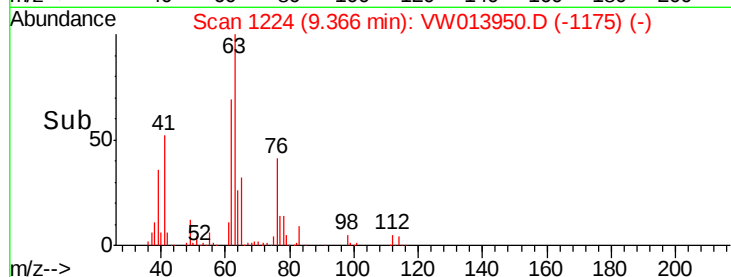
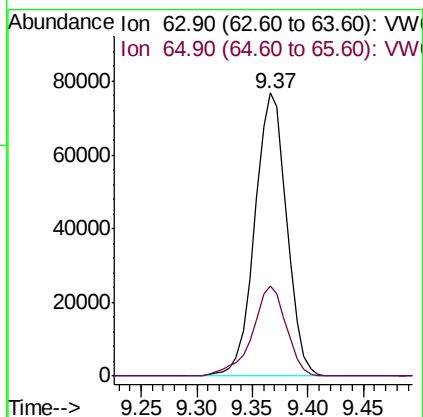
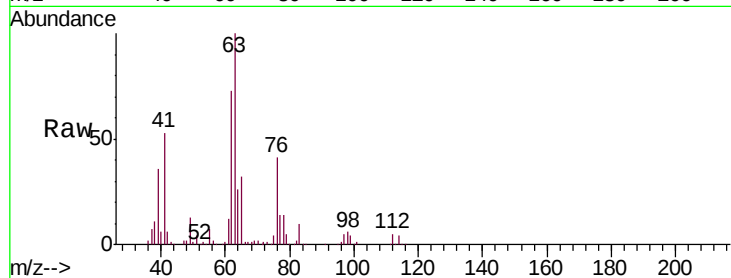
SB-38-(2-4)MS

Tgt Ion: 63 Resp: 153619

Ion Ratio Lower Upper

63 100

65 31.9 25.2 37.8



#46

Dibromomethane

Concen: 49.052 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

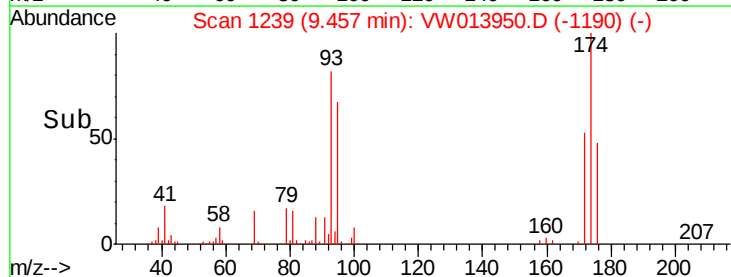
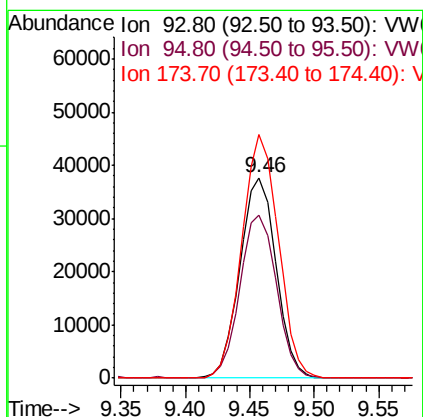
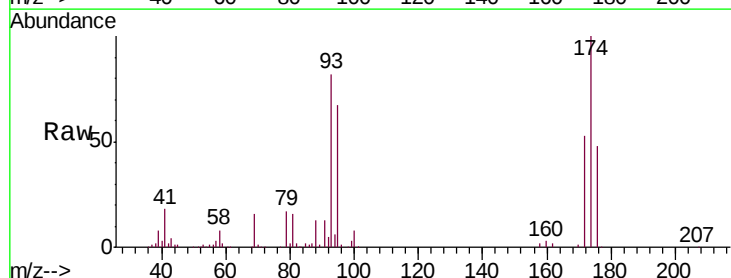
Tgt Ion: 93 Resp: 73293

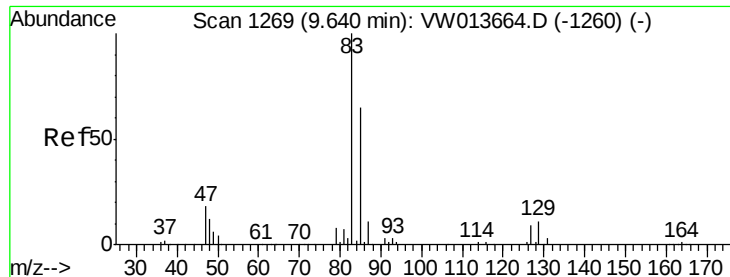
Ion Ratio Lower Upper

93 100

95 82.5 66.5 99.7

174 122.6 99.6 149.4

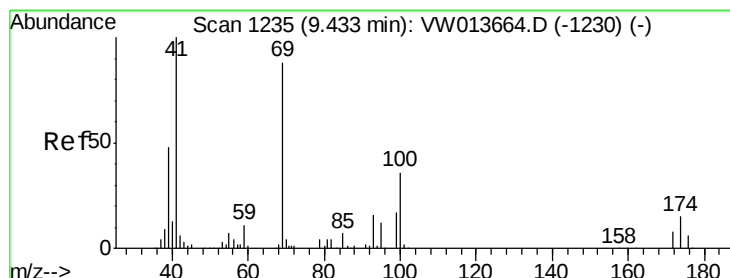
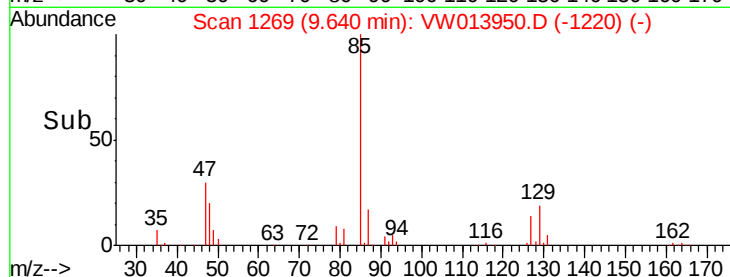
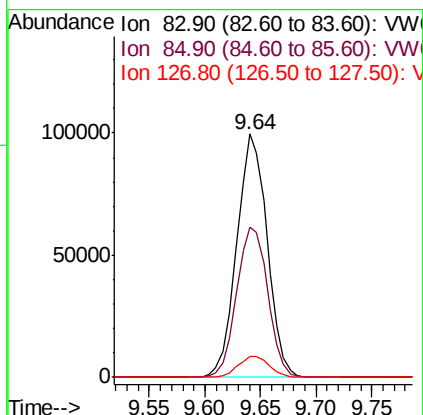
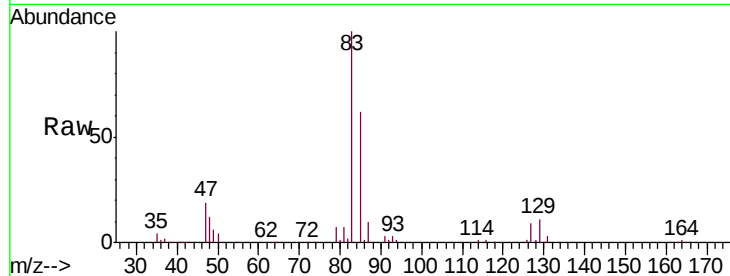




#47
 Bromodichloromethane
 Concen: 48.594 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

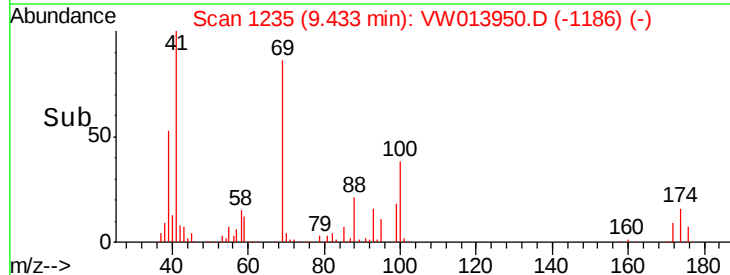
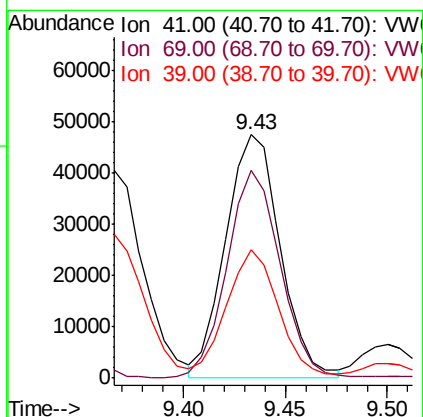
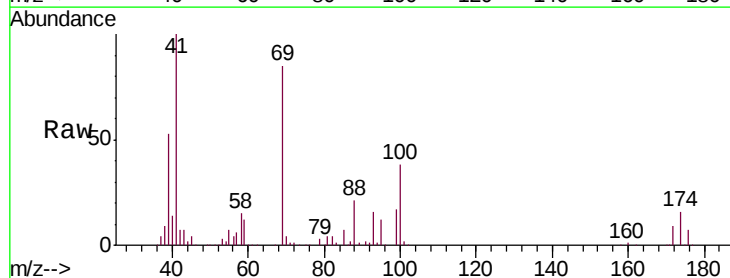
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

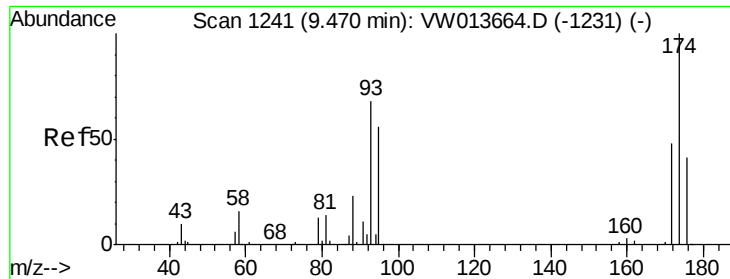
Tgt Ion: 83 Resp: 187871
 Ion Ratio Lower Upper
 83 100
 85 61.8 51.8 77.6
 127 8.8 7.3 10.9



#48
 Methyl methacrylate
 Concen: 53.149 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion: 41 Resp: 87954
 Ion Ratio Lower Upper
 41 100
 69 82.5 67.6 101.4
 39 46.6 38.6 58.0

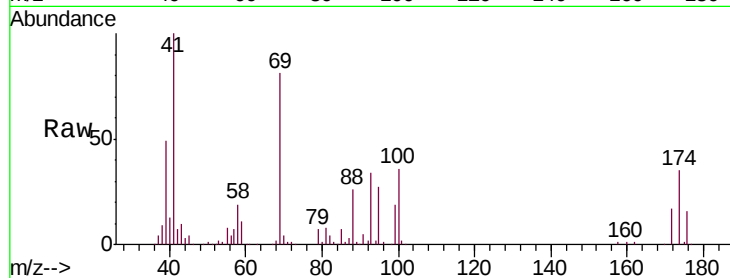




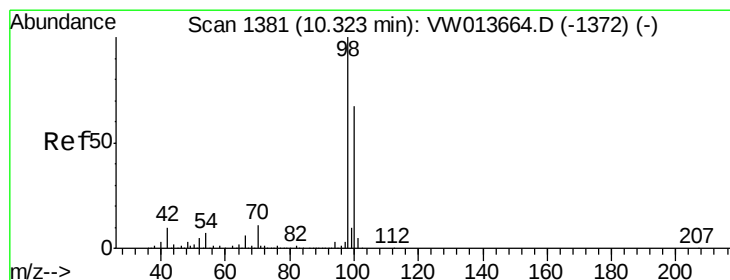
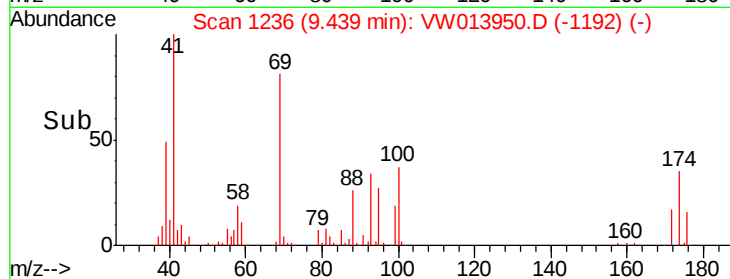
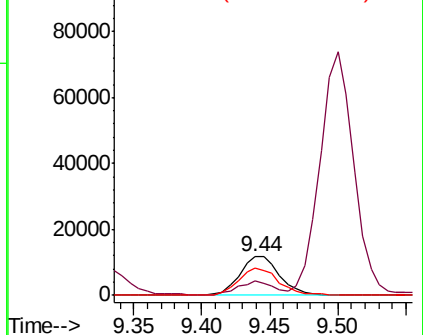
#49
1,4-Dioxane
Concen: 1088.188 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.03 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tgt Ion: 88 Resp: 24027
Ion Ratio Lower Upper
88 100
43 31.2 0.0 0.0#
58 69.2 58.9 88.3

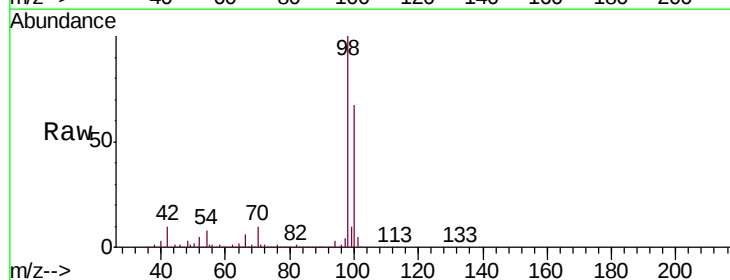


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

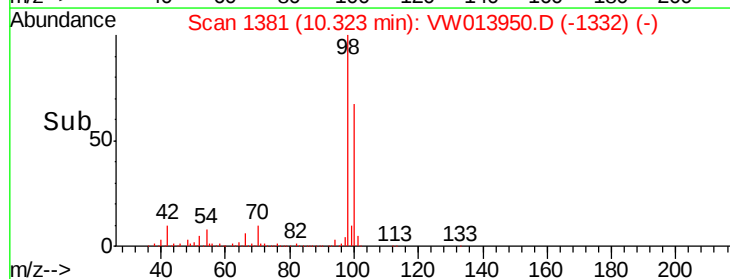
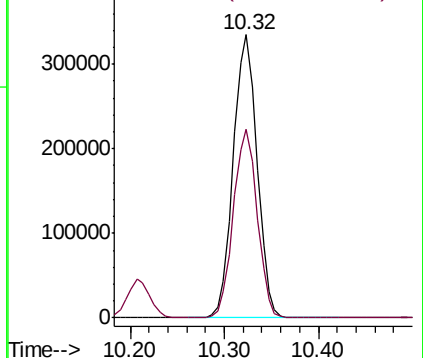


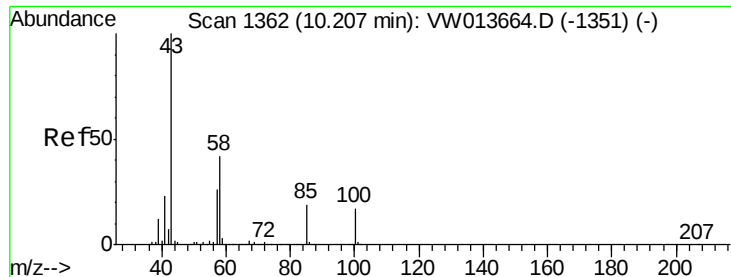
#50
Toluene-d8
Concen: 53.191 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 98 Resp: 588946
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



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

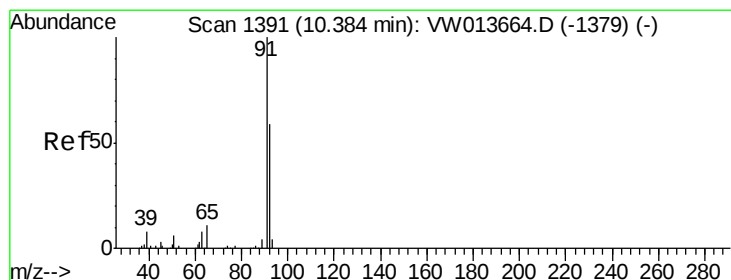
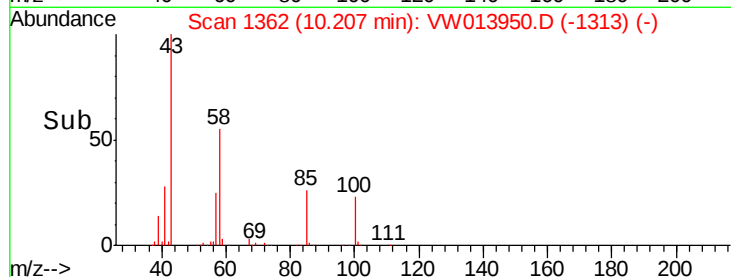
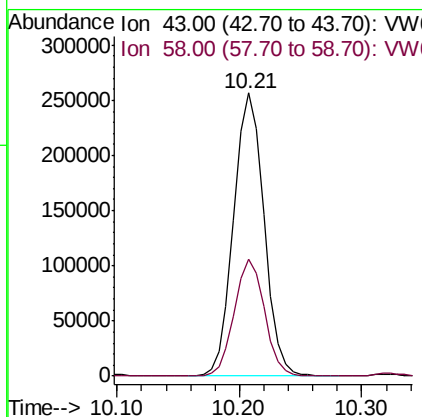
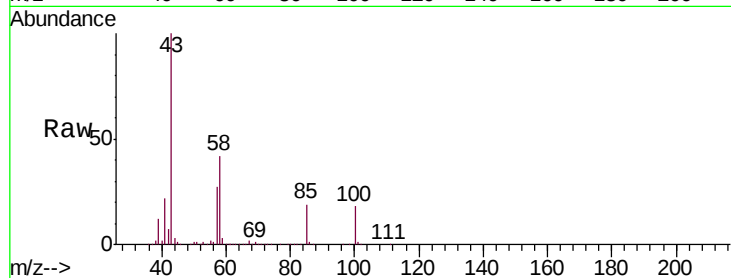




#51
 4-Methyl-2-Pentanone
 Concen: 265.718 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

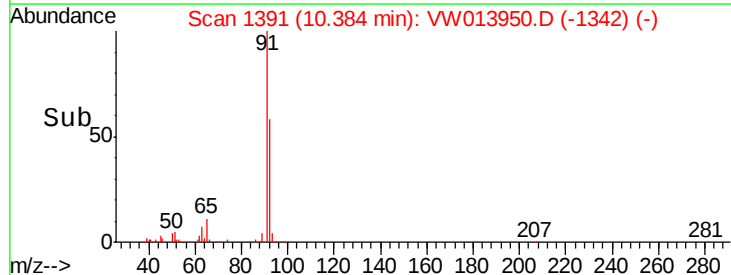
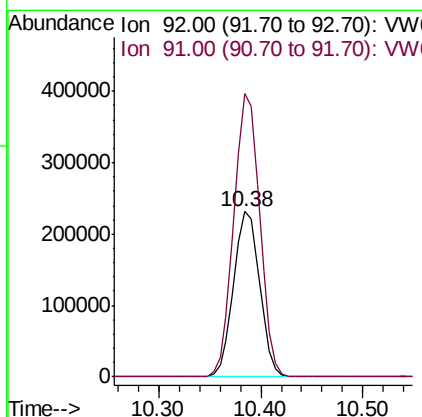
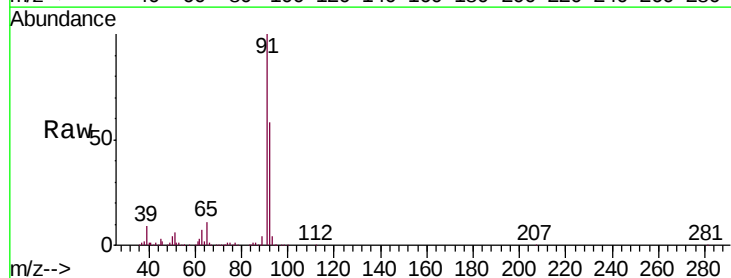
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

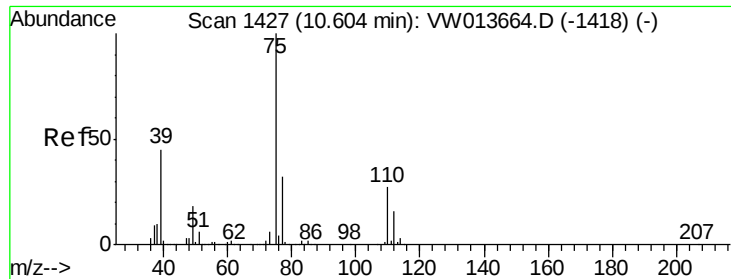
Tgt Ion: 43 Resp: 440628
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.6 49.0



#52
 Toluene
 Concen: 49.171 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion: 92 Resp: 408799
 Ion Ratio Lower Upper
 92 100
 91 170.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 50.893 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

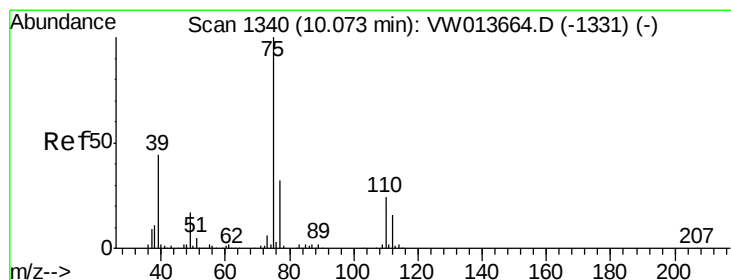
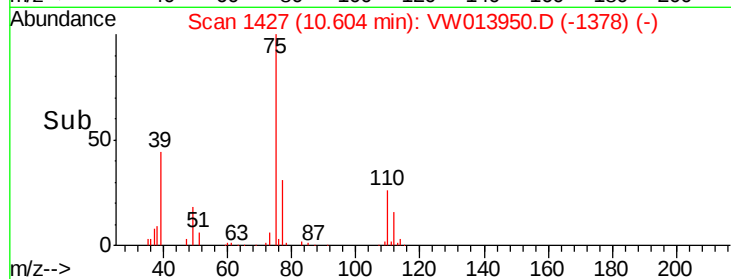
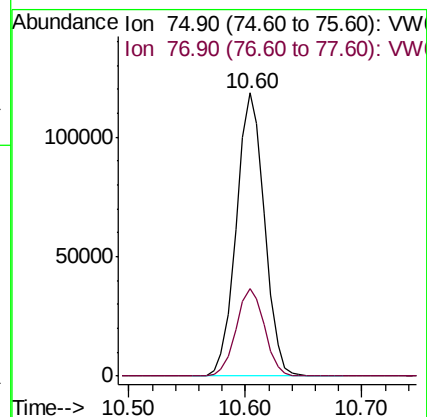
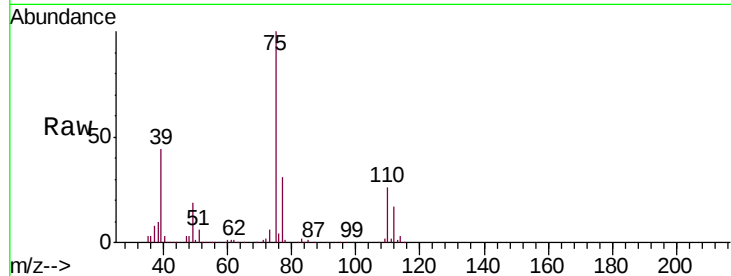
SB-38-(2-4)MS

Tgt Ion: 75 Resp: 199187

Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.788 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

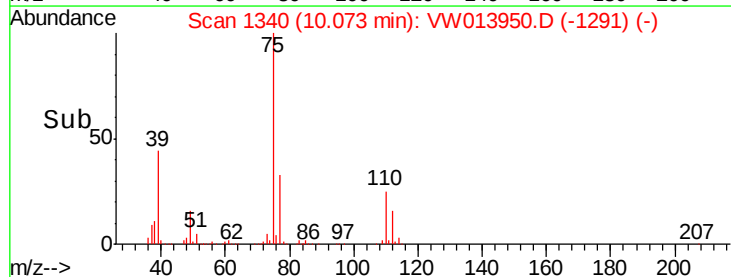
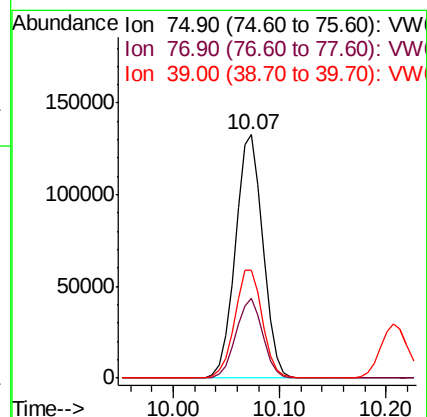
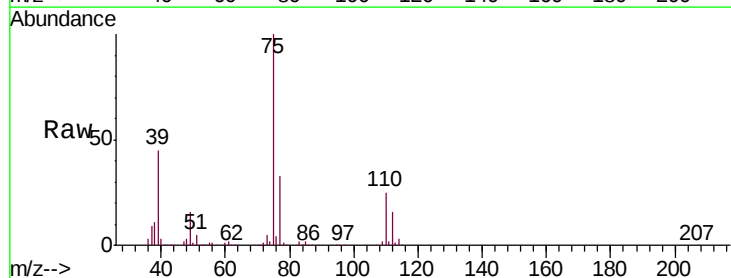
Tgt Ion: 75 Resp: 240414

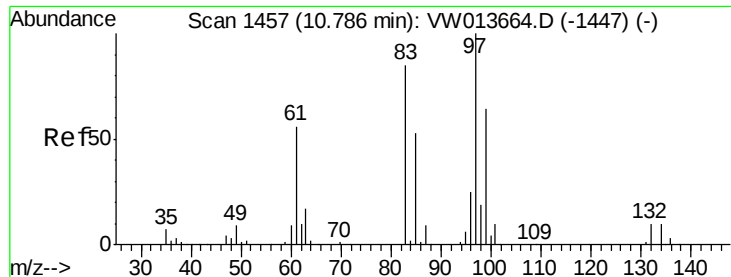
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 44.5 35.3 52.9

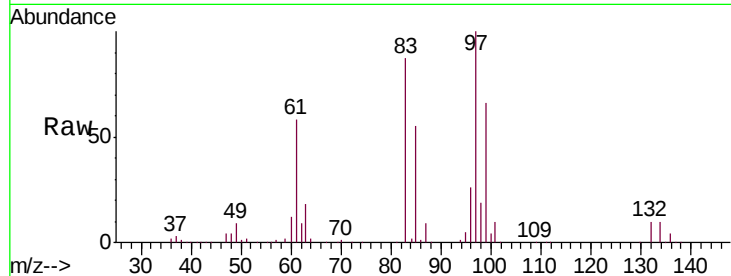




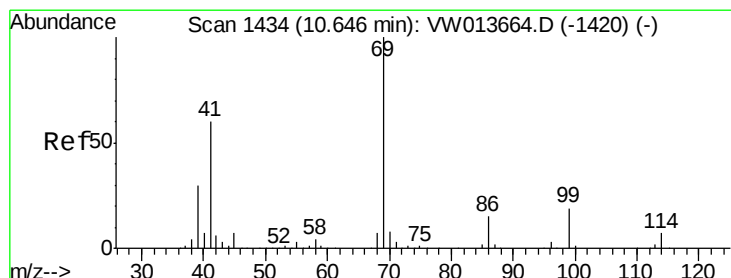
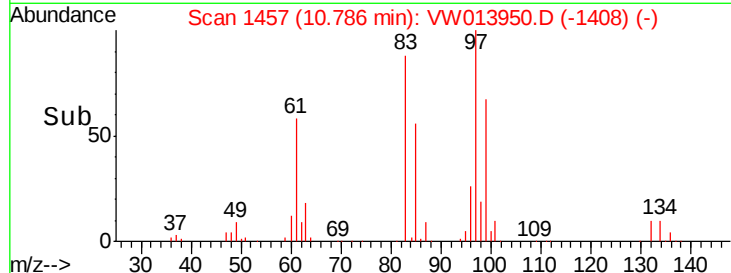
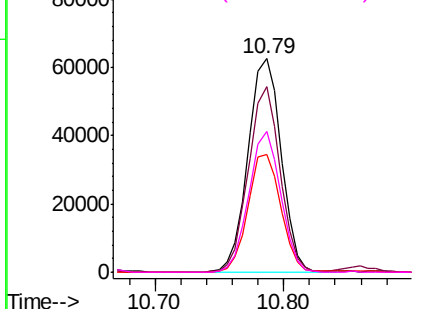
#55
 1,1,2-Trichloroethane
 Concen: 49.946 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tgt Ion: 97 Resp: 111223
 Ion Ratio Lower Upper
 97 100
 83 87.2 67.8 101.8
 85 55.1 42.1 63.1
 99 66.0 51.4 77.0

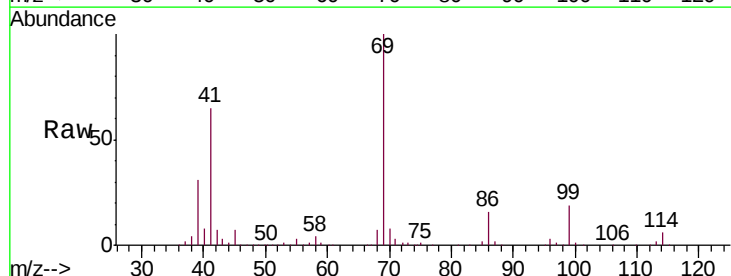


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

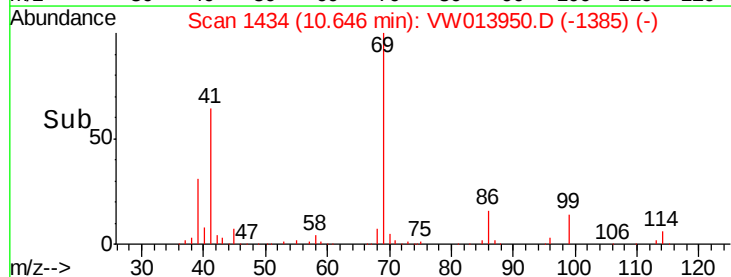
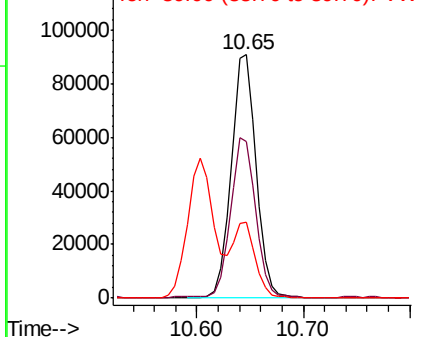


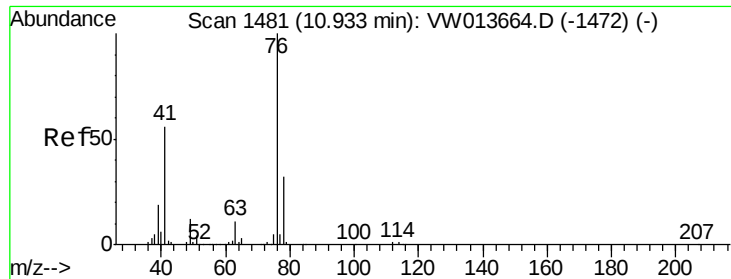
#56
 Ethyl methacrylate
 Concen: 53.405 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion: 69 Resp: 148791
 Ion Ratio Lower Upper
 69 100
 41 66.1 51.6 77.4
 39 27.2 22.4 33.6



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

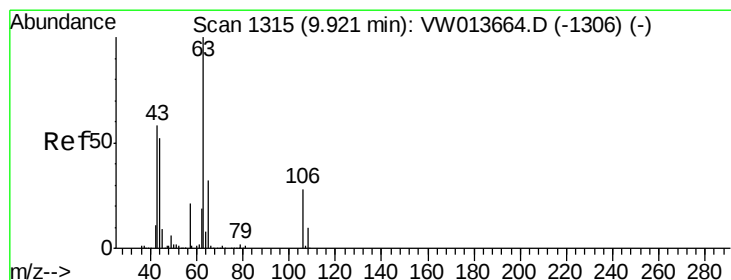
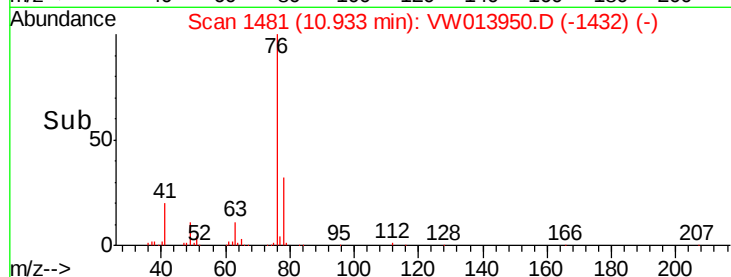
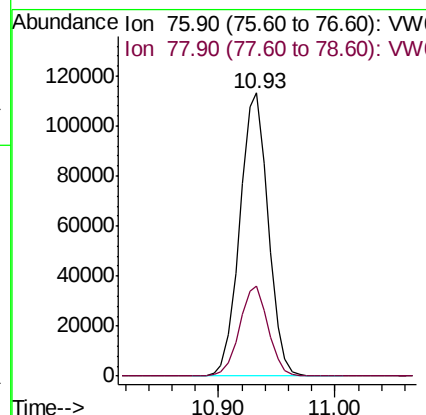
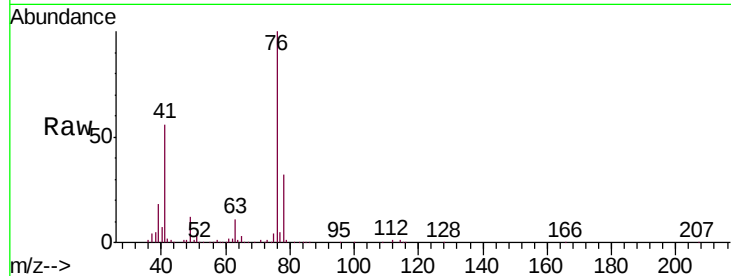




#57
 1,3-Dichloropropane
 Concen: 50.340 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

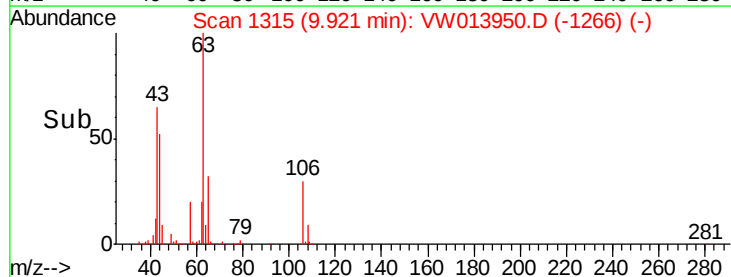
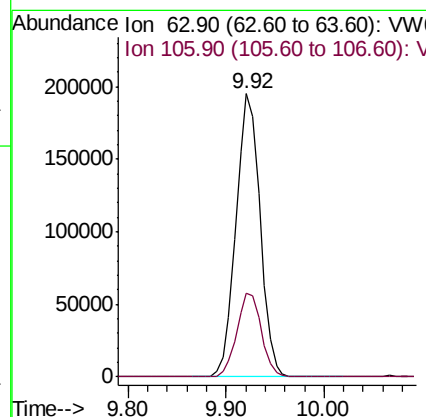
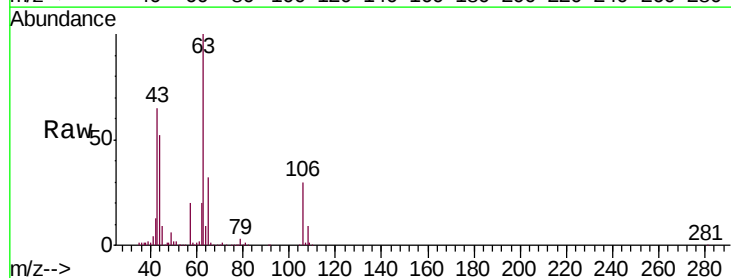
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

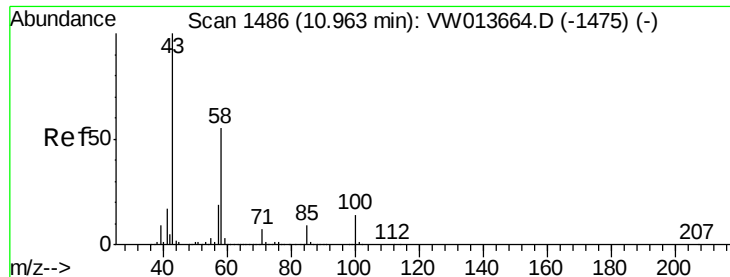
Tgt Ion: 76 Resp: 192372
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.905 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion: 63 Resp: 333265
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.8

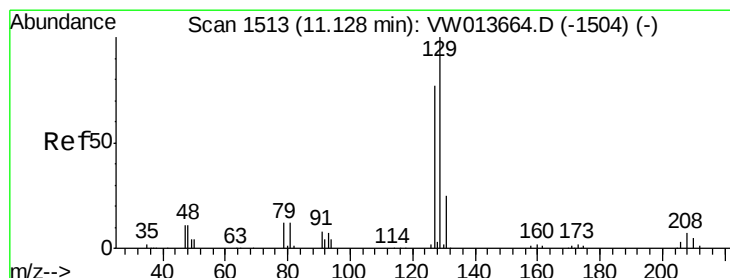
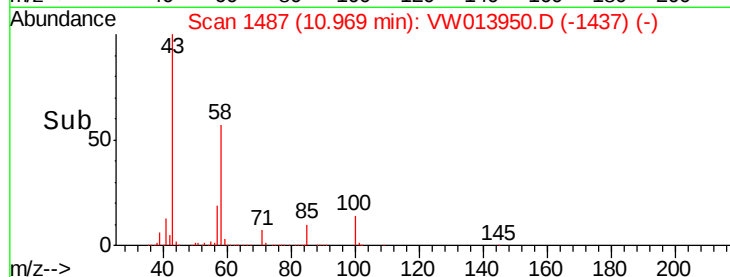
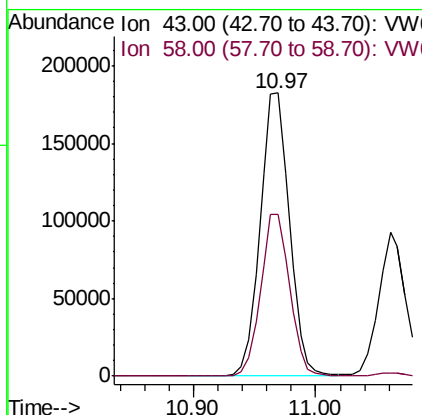
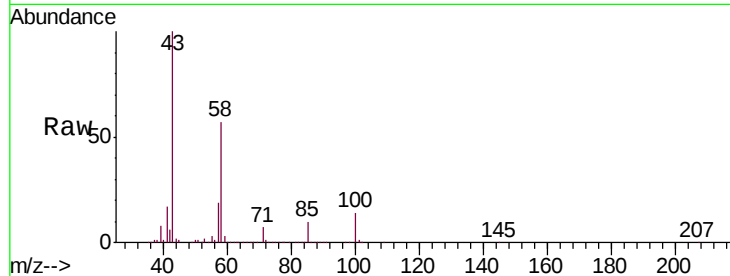




#59
2-Hexanone
Concen: 267.412 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

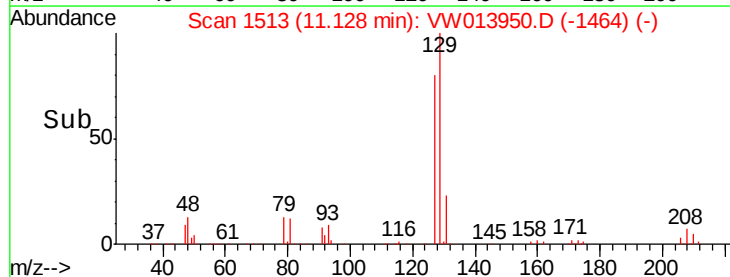
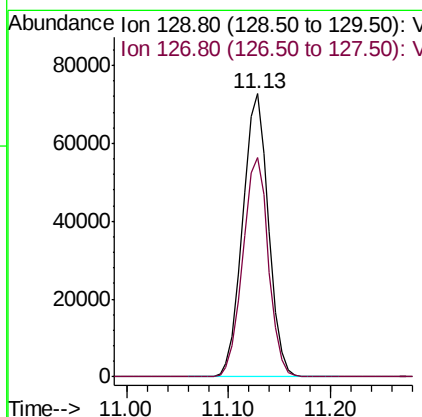
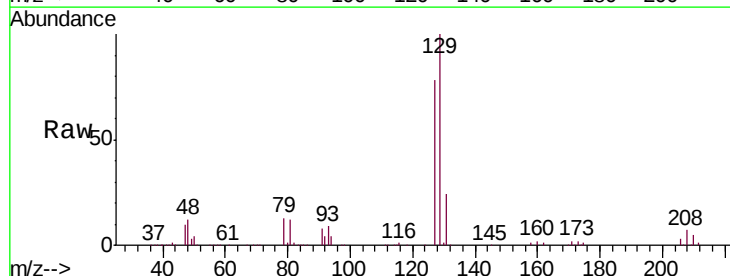
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

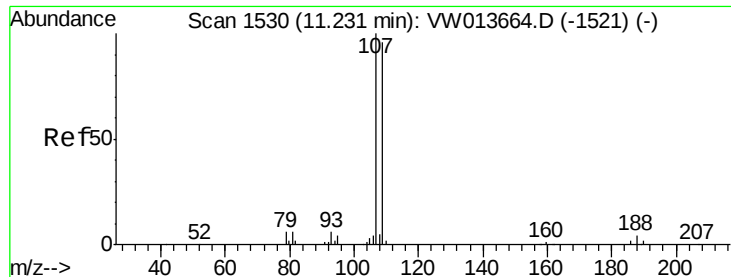
Tgt Ion: 43 Resp: 305703
Ion Ratio Lower Upper
43 100
58 56.7 27.9 83.7



#60
Dibromochloromethane
Concen: 48.211 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 129 Resp: 127469
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

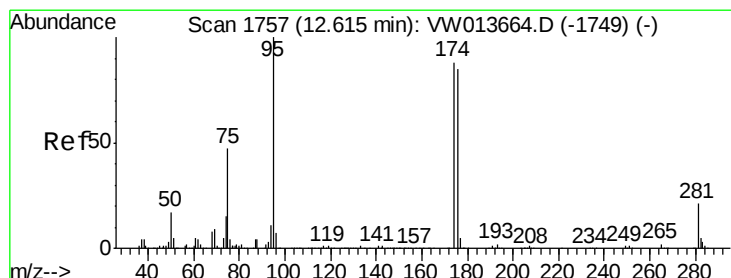
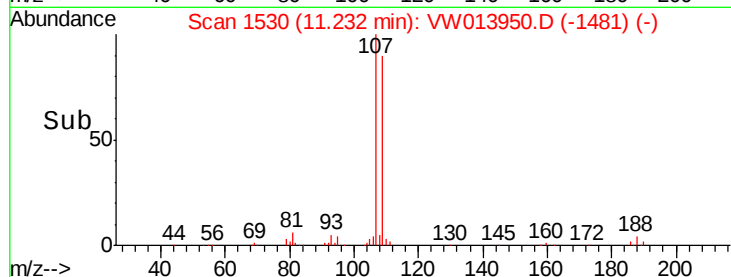
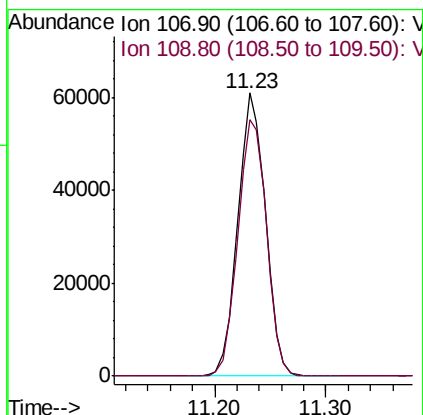
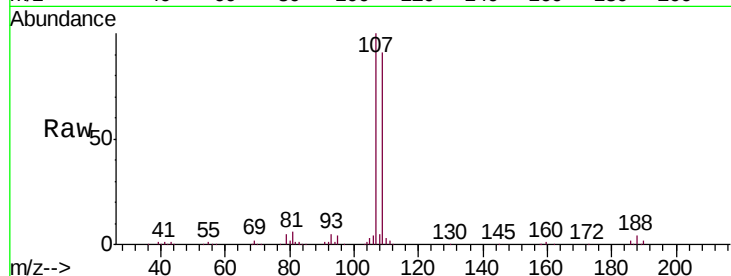




#61
1,2-Dibromoethane
Concen: 49.670 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

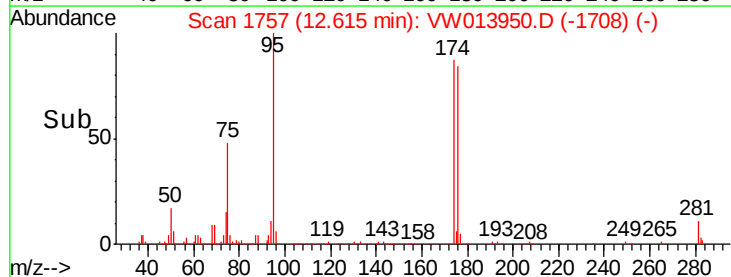
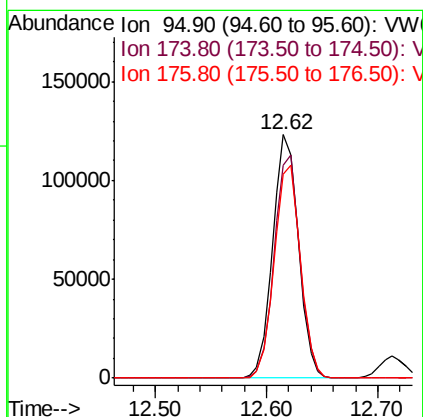
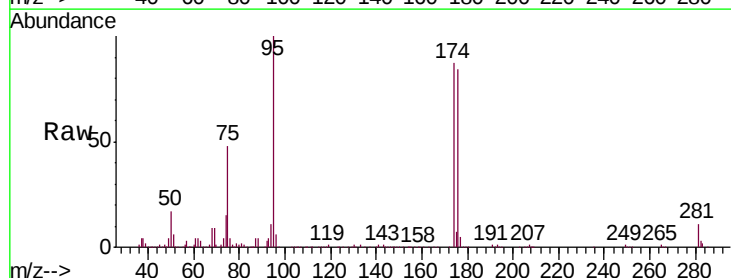
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

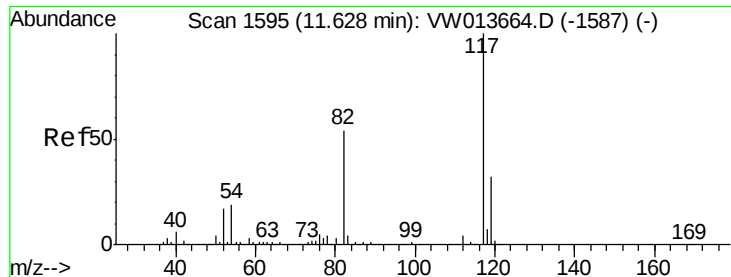
Tgt Ion: 107 Resp: 104643
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.107 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 95 Resp: 199103
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.6
176 88.6 0.0 178.0

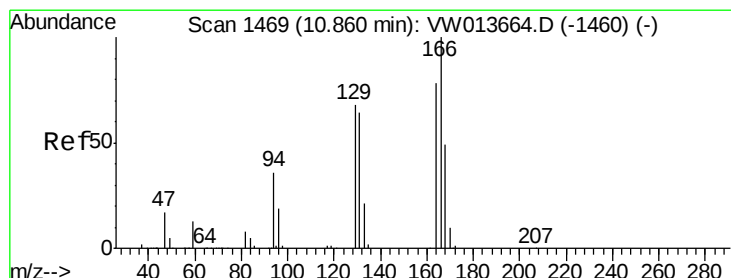
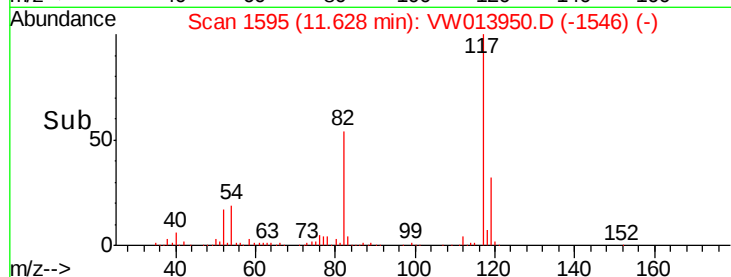
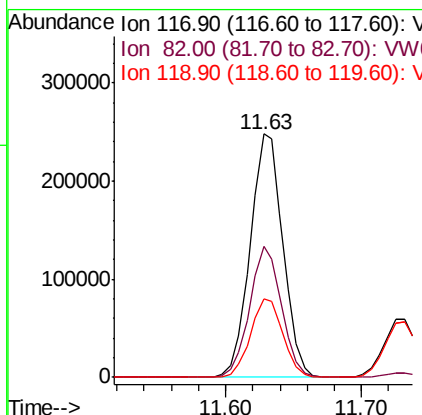
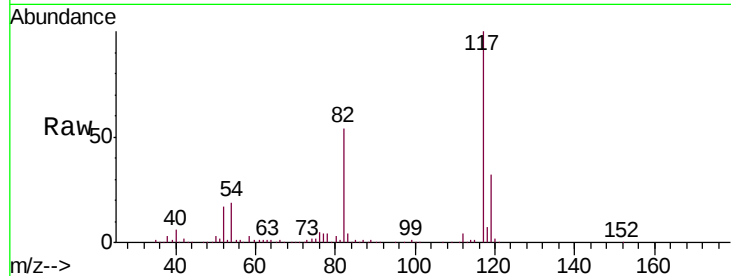




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

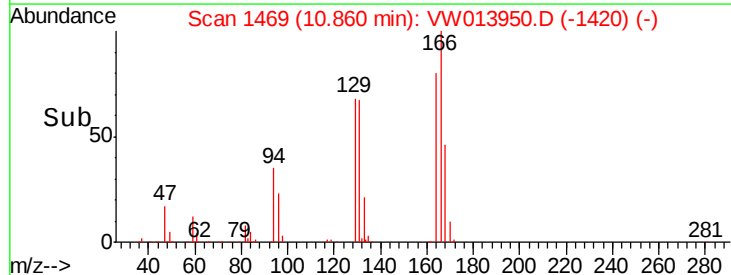
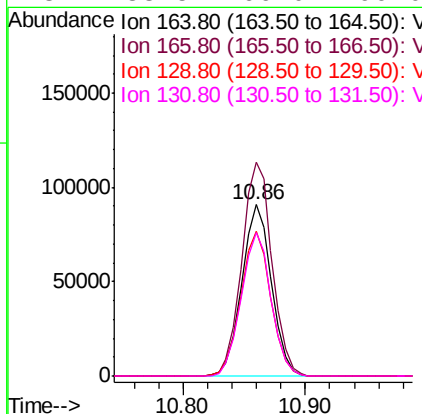
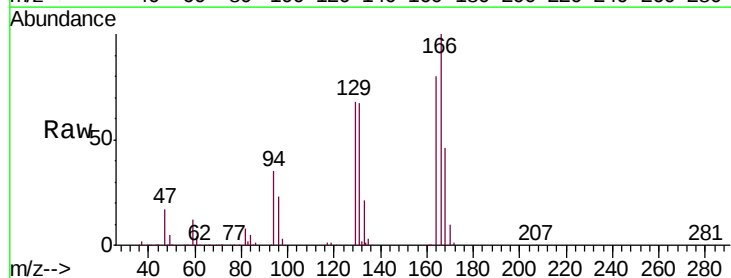
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

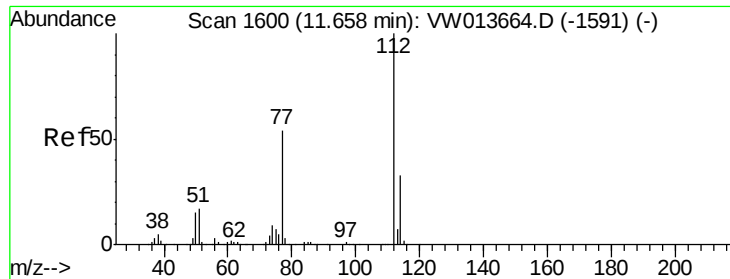
Tgt Ion:117 Resp: 418000
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 47.578 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion:164 Resp: 151950
Ion Ratio Lower Upper
164 100
166 124.9 103.2 154.8
129 84.8 70.6 105.8
131 83.5 66.0 99.0

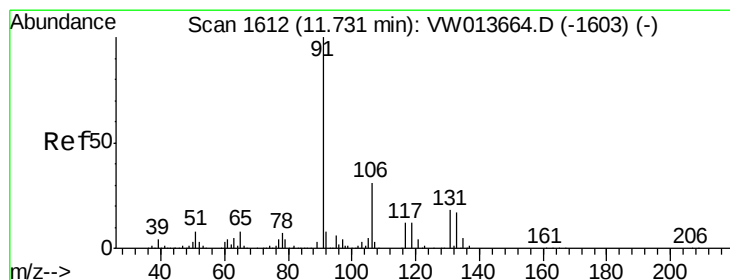
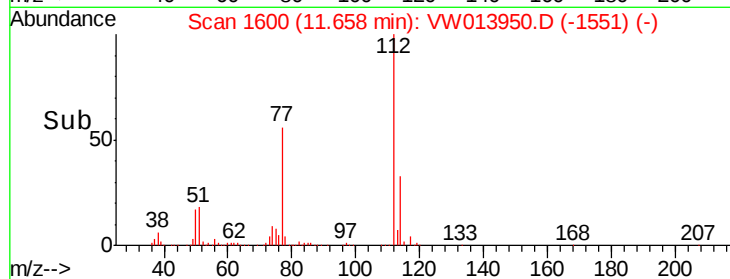
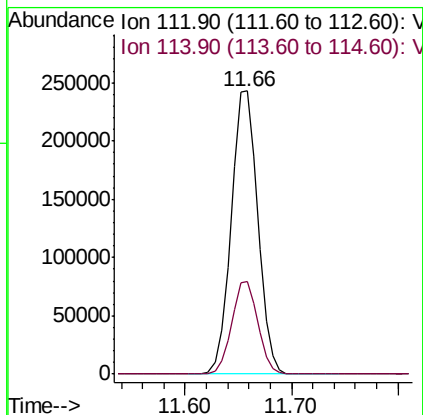
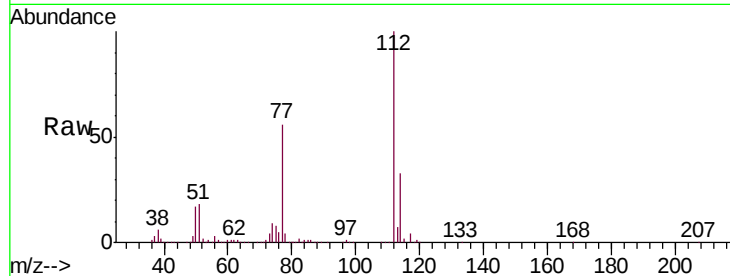




#65
Chlorobenzene
Concen: 49.611 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

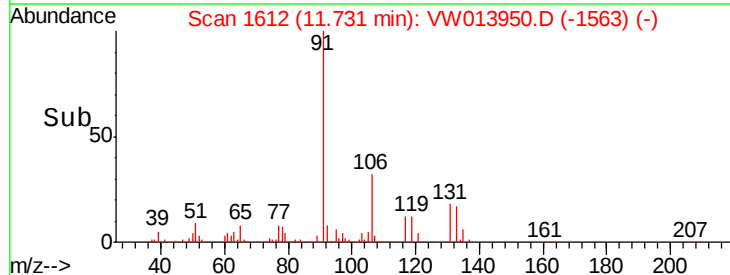
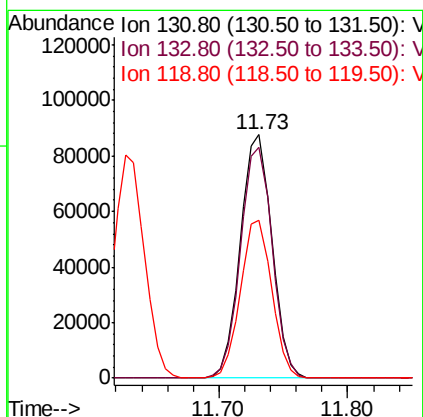
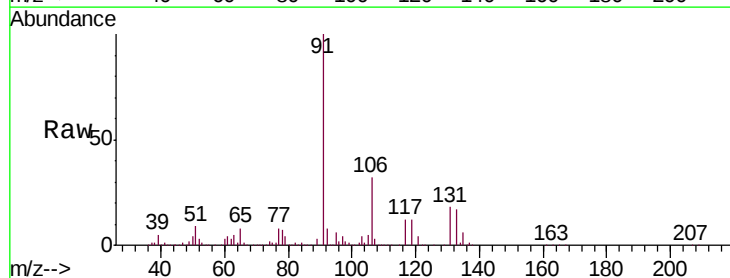
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

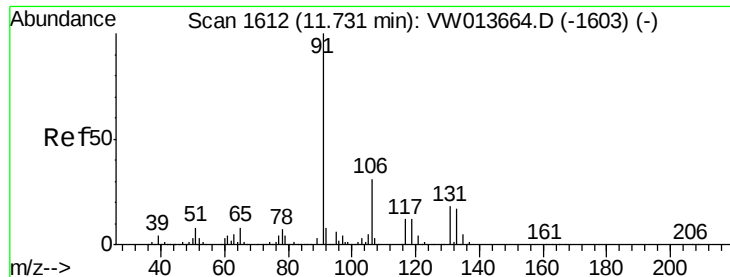
Tgt Ion:112 Resp: 426133
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.388 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion:131 Resp: 148052
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 64.9 33.1 99.2

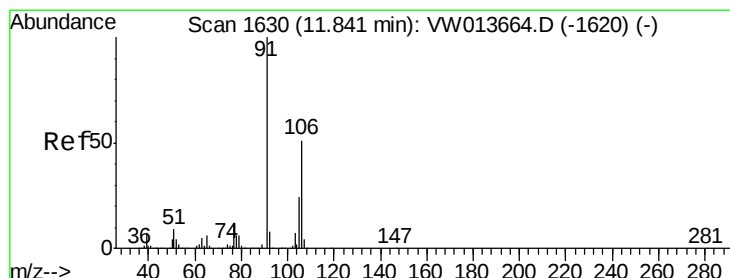
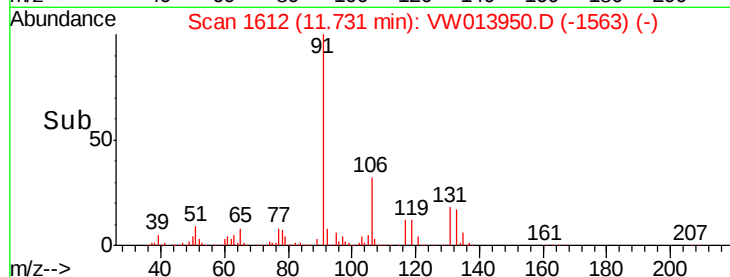
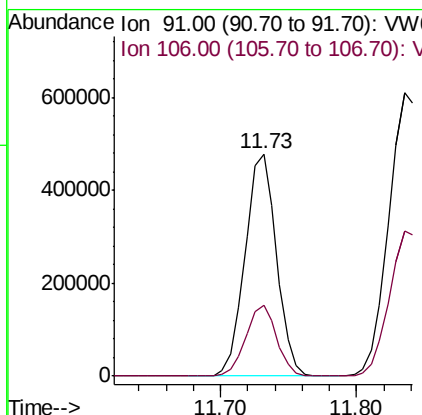
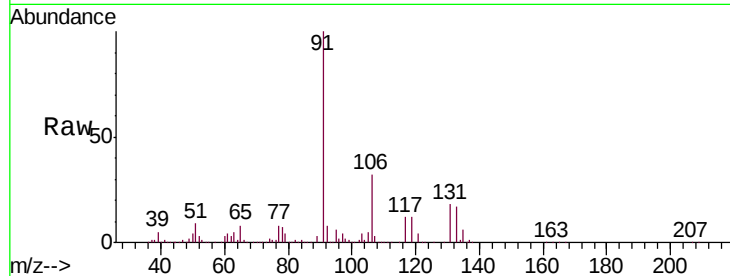




#67
Ethyl Benzene
Concen: 49.950 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

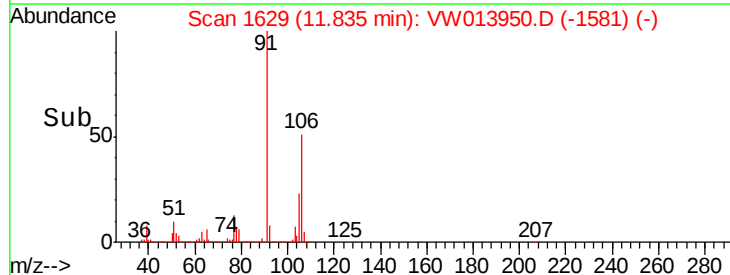
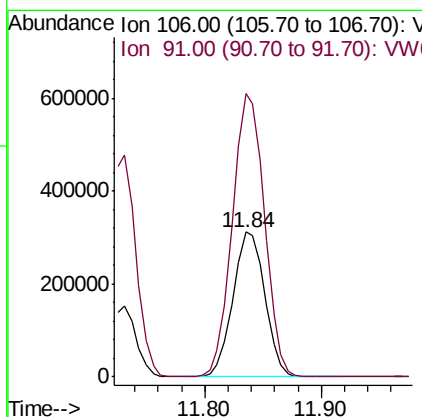
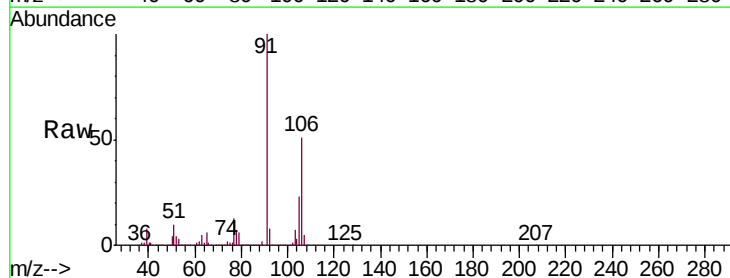
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

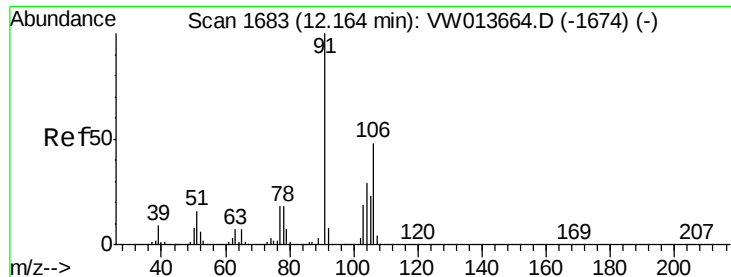
Tgt Ion: 91 Resp: 773650
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 99.625 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 106 Resp: 596157
Ion Ratio Lower Upper
106 100
91 196.7 159.2 238.8

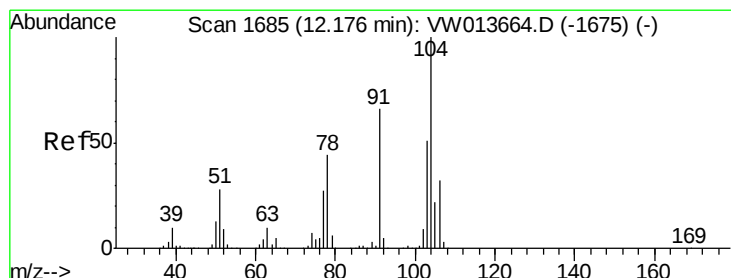
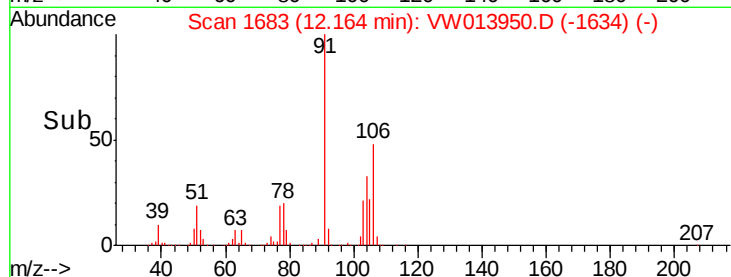
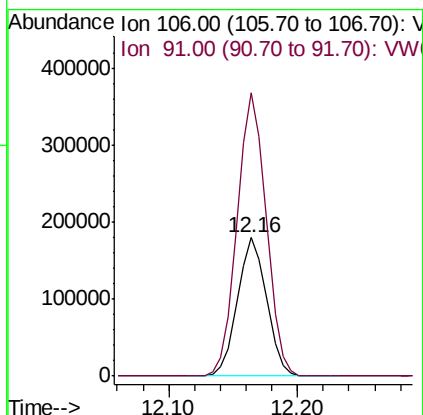
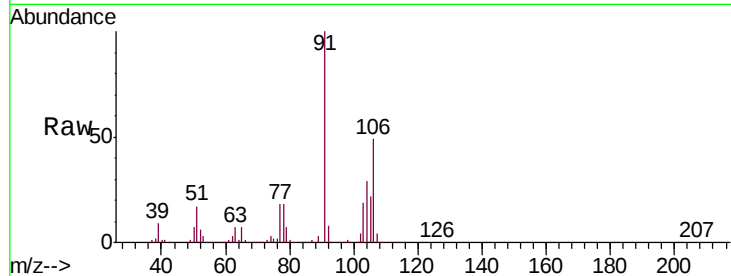




#69
o-Xylene
Concen: 51.048 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

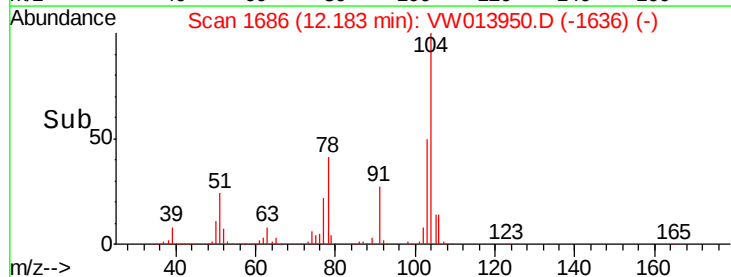
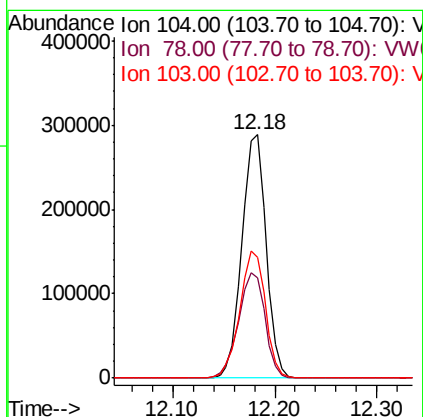
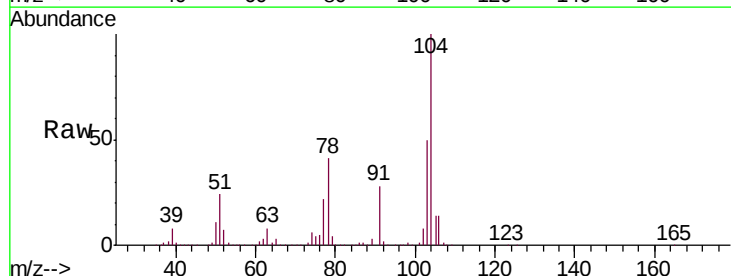
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

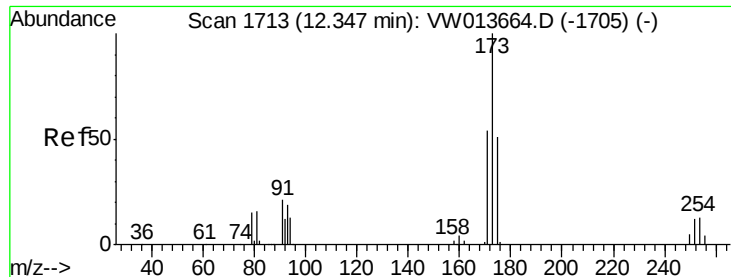
Tgt Ion:106 Resp: 280780
Ion Ratio Lower Upper
106 100
91 205.1 104.9 314.7



#70
Styrene
Concen: 50.424 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion:104 Resp: 476522
Ion Ratio Lower Upper
104 100
78 47.3 37.1 55.7
103 55.2 43.6 65.4





#71

Bromoform

Concen: 47.677 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

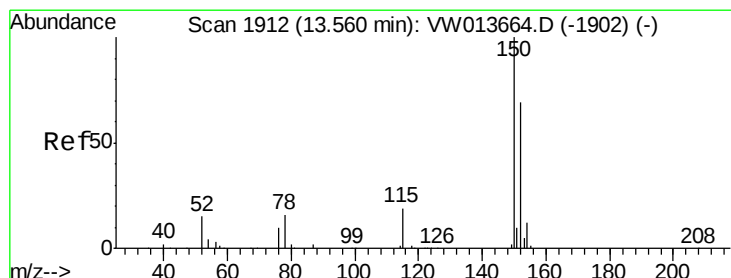
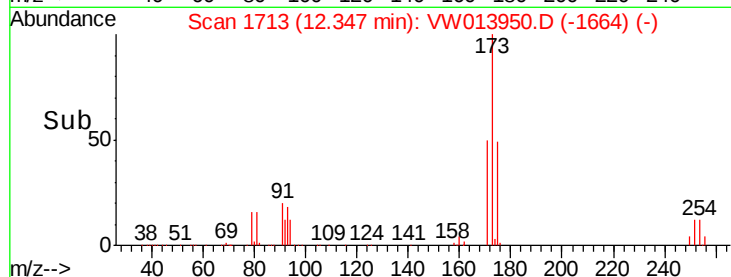
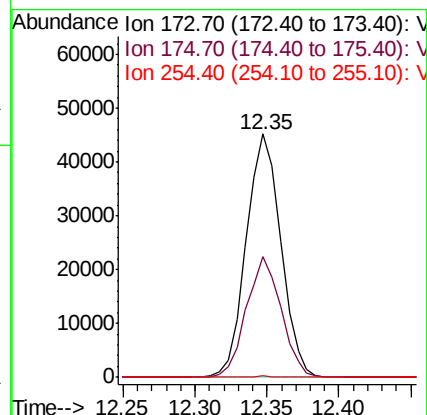
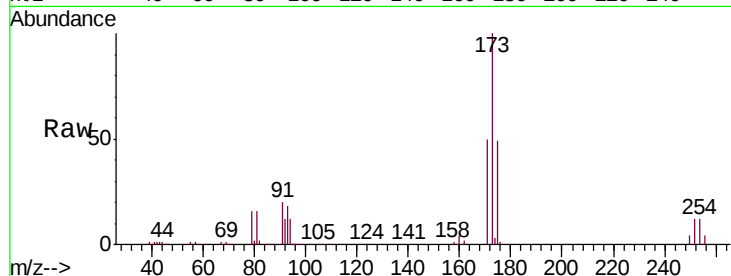
Tgt Ion:173 Resp: 75004

Ion Ratio Lower Upper

173 100

175 49.7 25.2 75.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

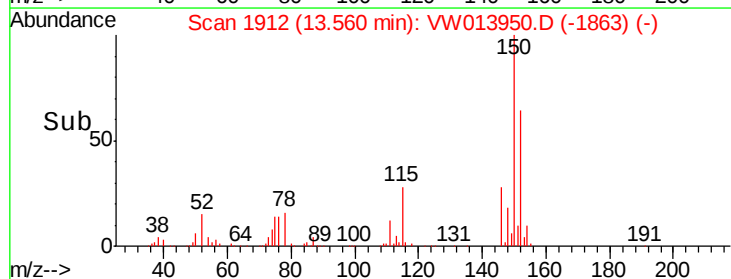
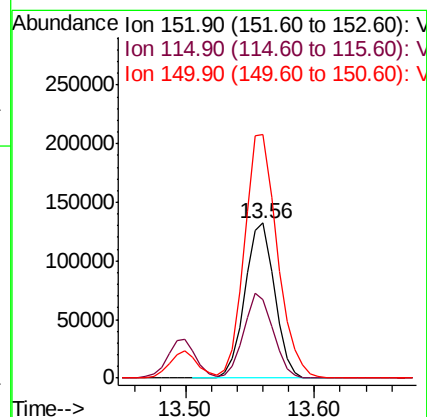
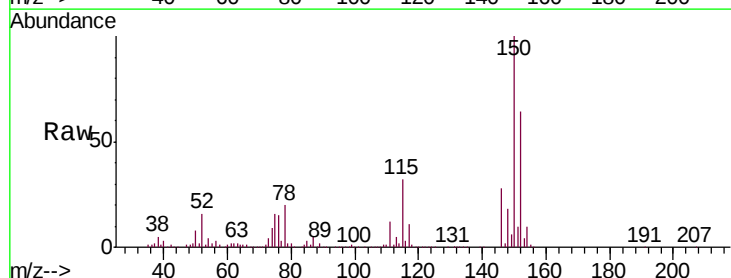
Tgt Ion:152 Resp: 209615

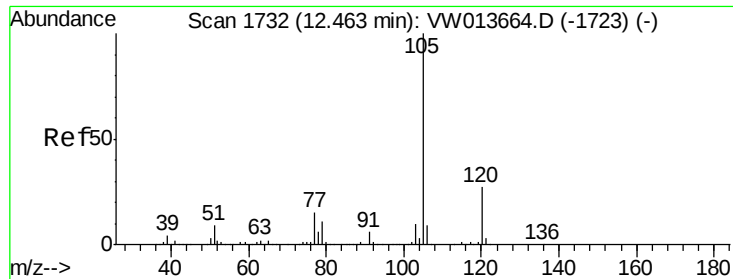
Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.2

150 174.1 0.0 345.4





#73

Isopropylbenzene

Concen: 50.689 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

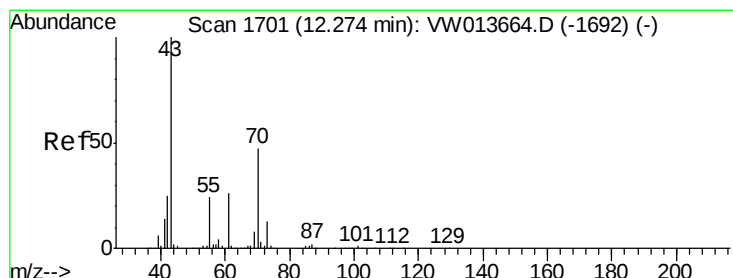
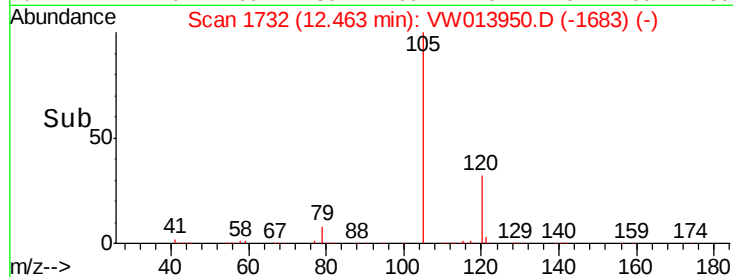
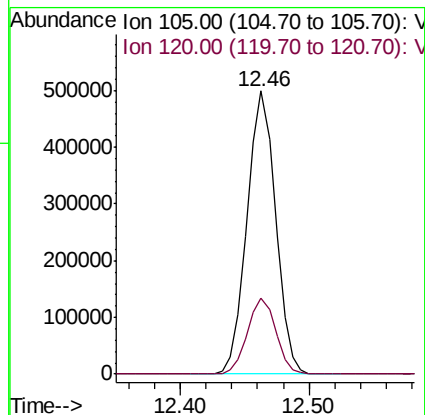
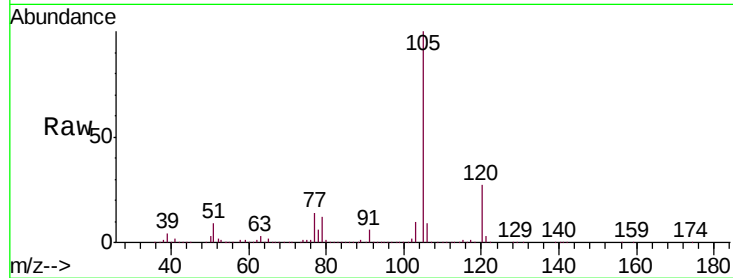
SB-38-(2-4)MS

Tgt Ion:105 Resp: 763024

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 53.159 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Tgt Ion: 43 Resp: 154795

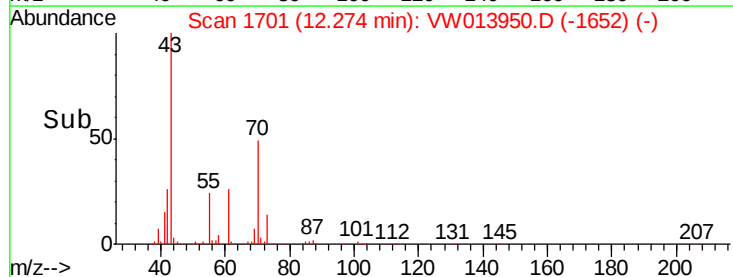
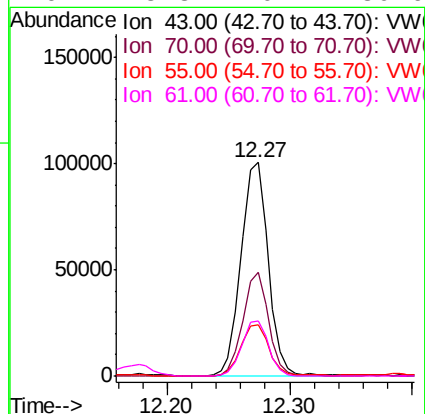
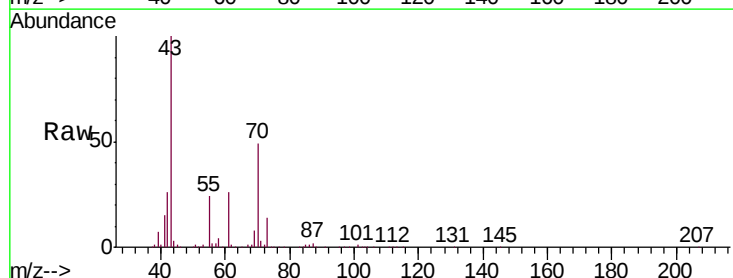
Ion Ratio Lower Upper

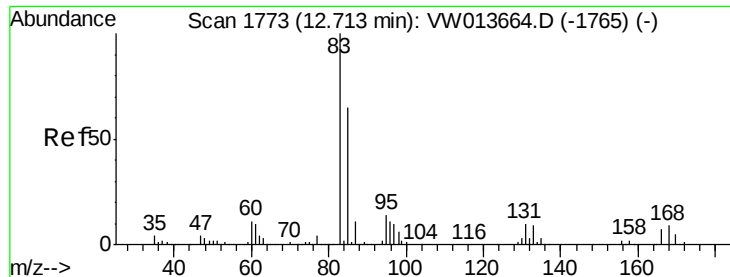
43 100

70 46.2 36.6 55.0

55 25.0 20.3 30.5

61 25.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.645 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

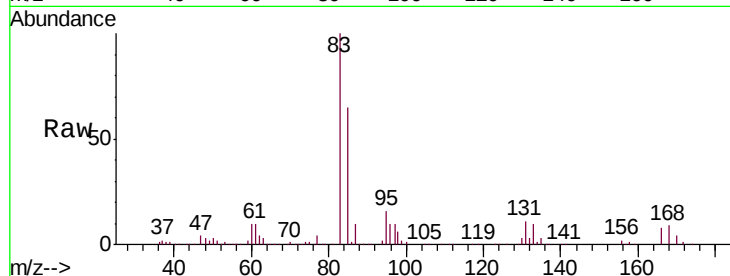
Tgt Ion: 83 Resp: 122681

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

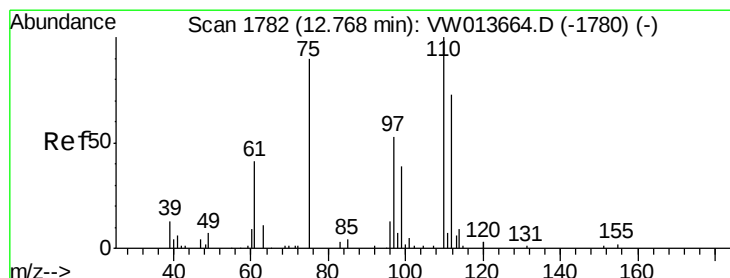
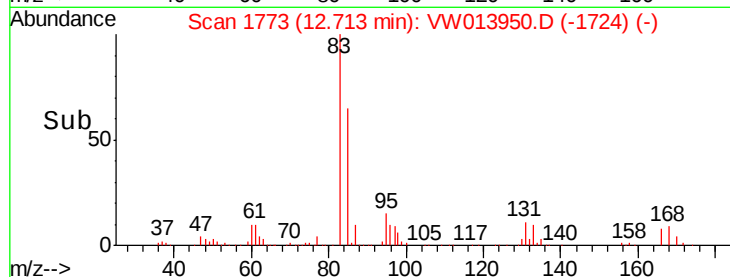
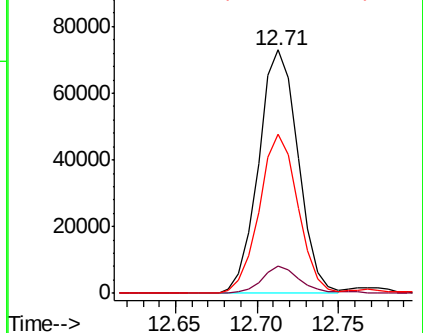
85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 103.862 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013950.D

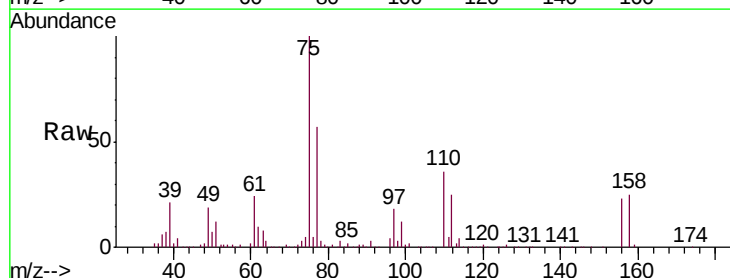
Acq: 08 Nov 2019 17:37

Tgt Ion: 75 Resp: 156346

Ion Ratio Lower Upper

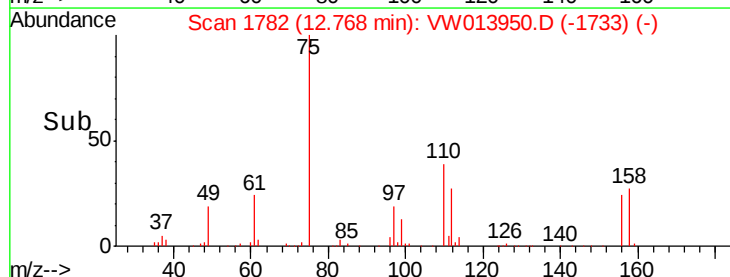
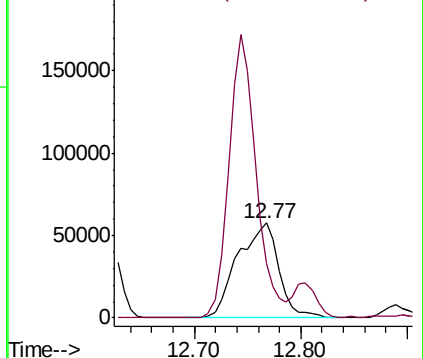
75 100

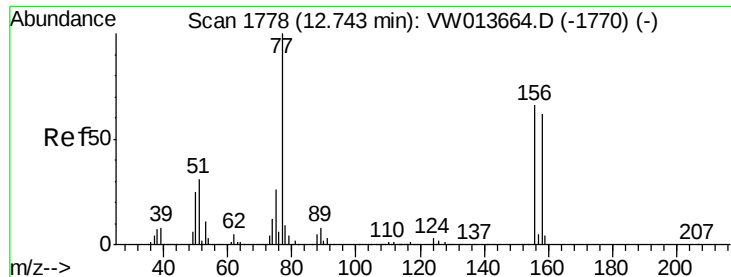
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.542 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampled :

SB-38-(2-4)MS

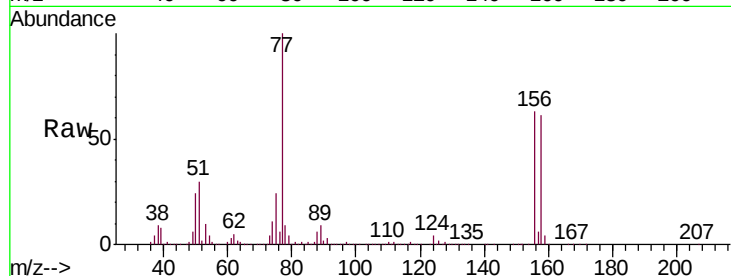
Tgt Ion: 156 Resp: 181750

Ion Ratio Lower Upper

156 100

77 169.6 82.9 248.7

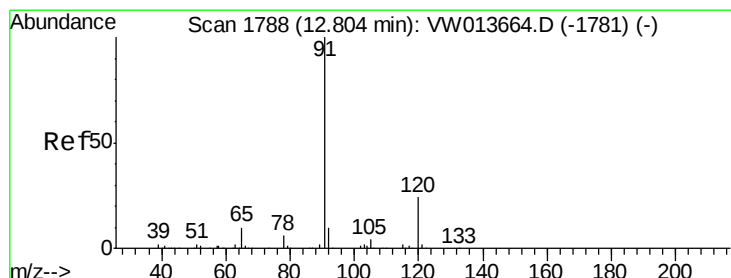
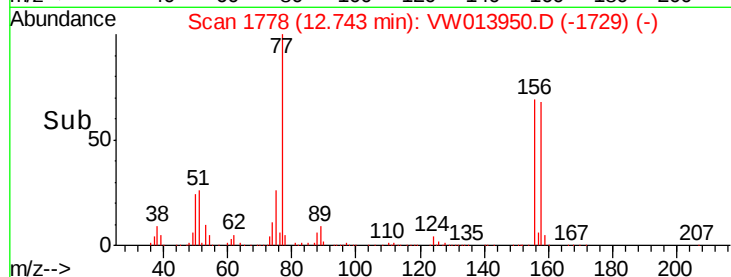
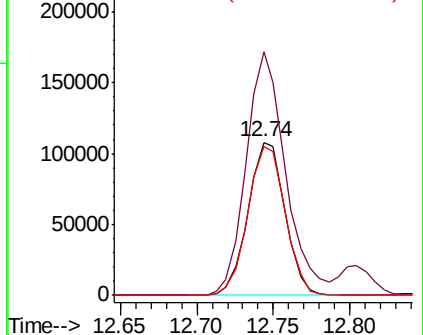
158 98.4 48.4 145.2



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



#78

n-propylbenzene

Concen: 50.624 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013950.D

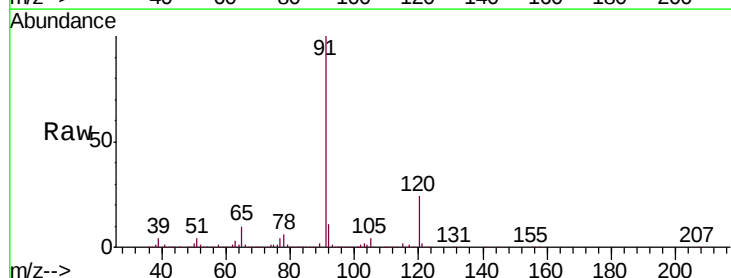
Acq: 08 Nov 2019 17:37

Tgt Ion: 91 Resp: 882023

Ion Ratio Lower Upper

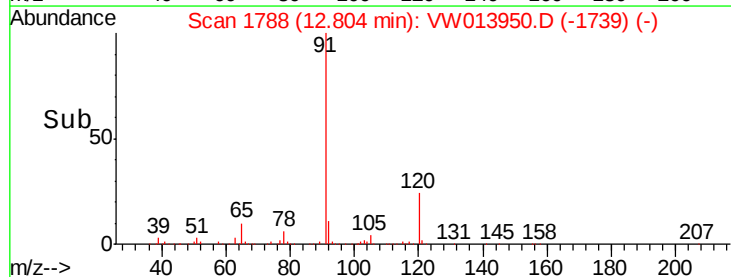
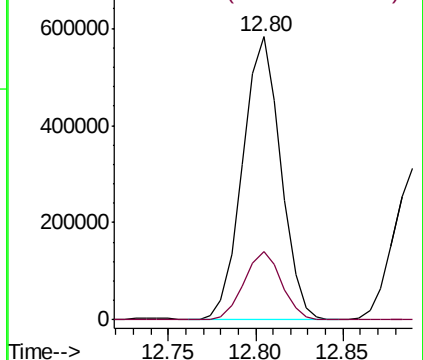
91 100

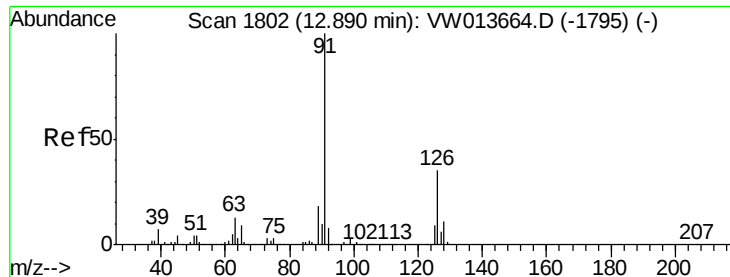
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.928 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

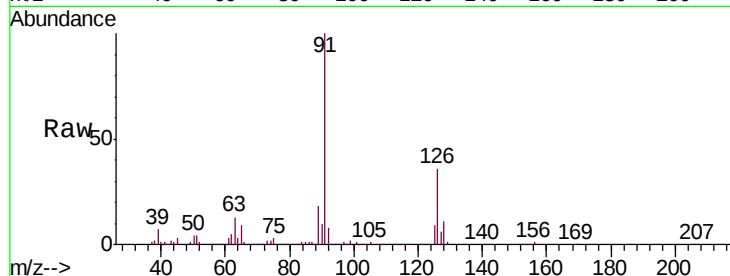
SB-38-(2-4)MS

Tgt Ion: 91 Resp: 498644

Ion Ratio Lower Upper

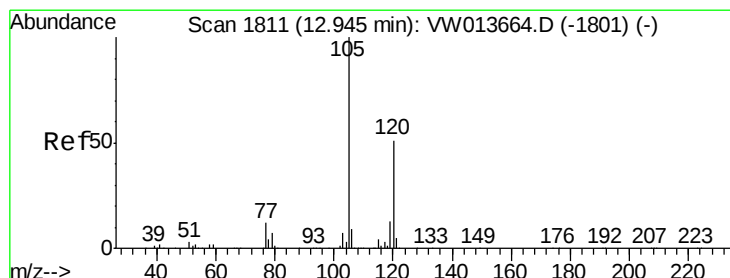
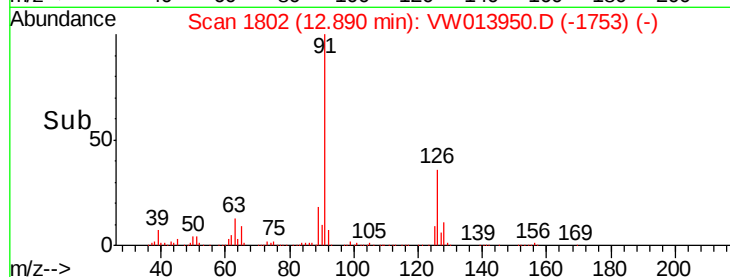
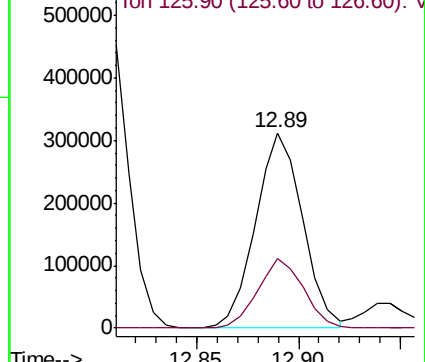
91 100

126 35.1 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.312 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013950.D

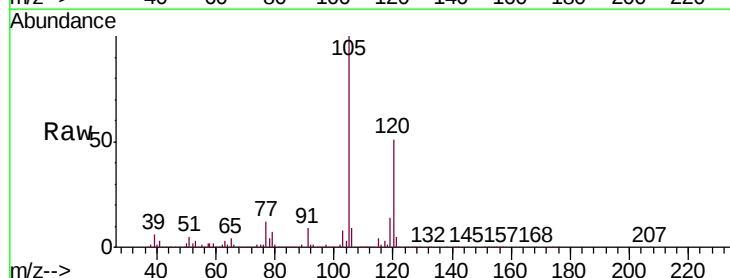
Acq: 08 Nov 2019 17:37

Tgt Ion: 105 Resp: 652042

Ion Ratio Lower Upper

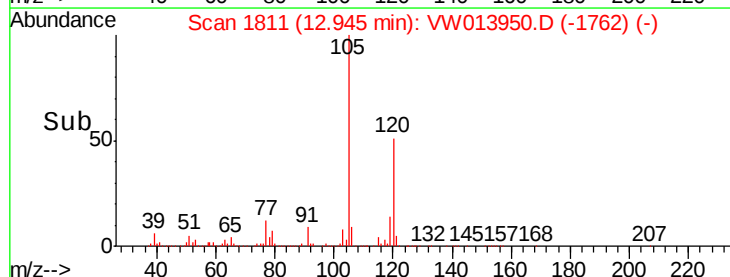
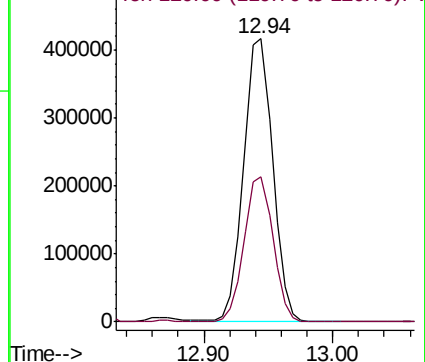
105 100

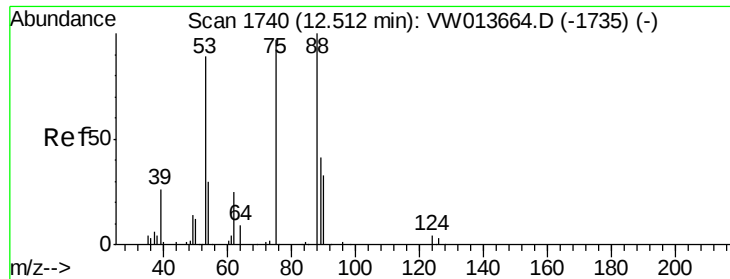
120 51.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

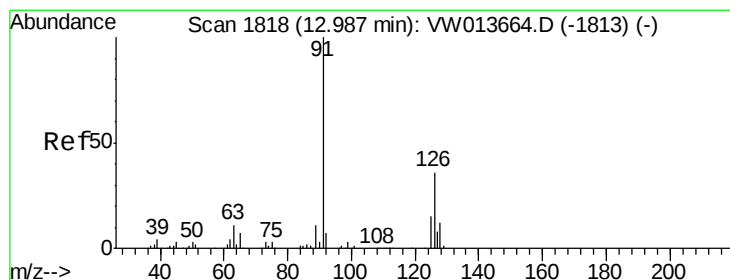
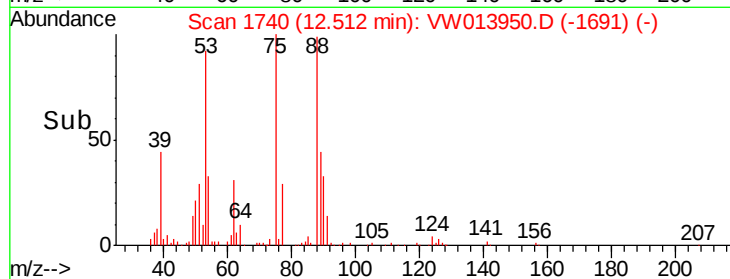
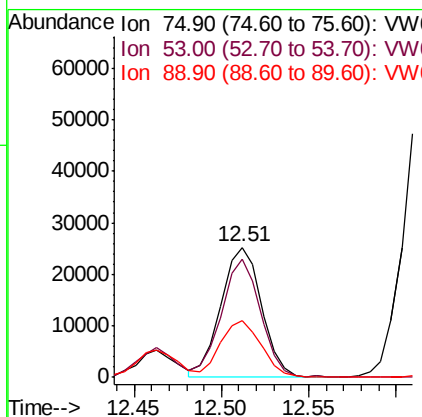
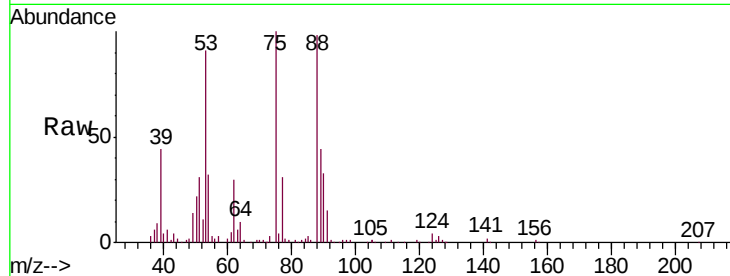




#81
trans-1,4-Dichloro-2-butene
Concen: 50.763 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

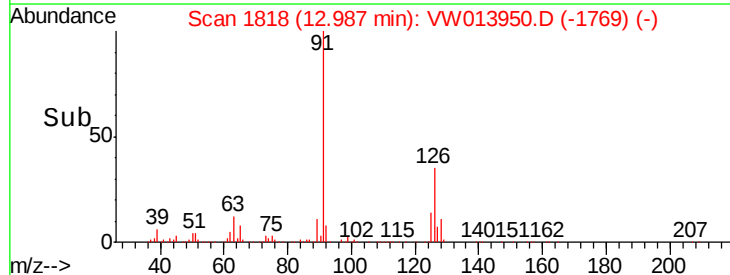
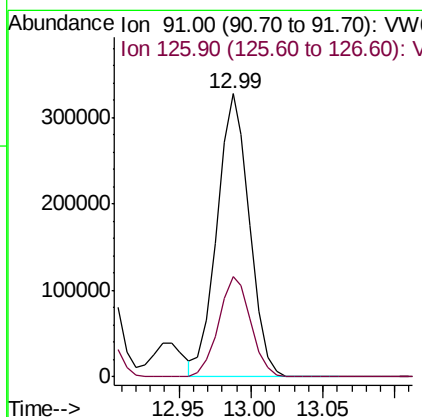
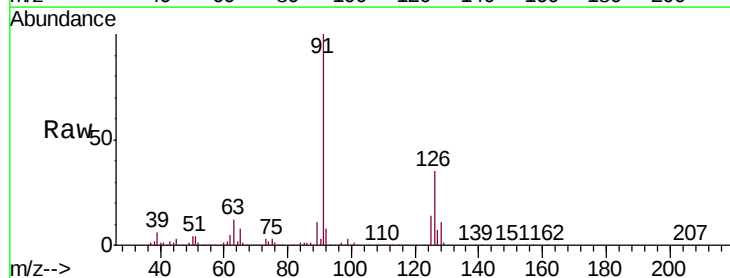
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

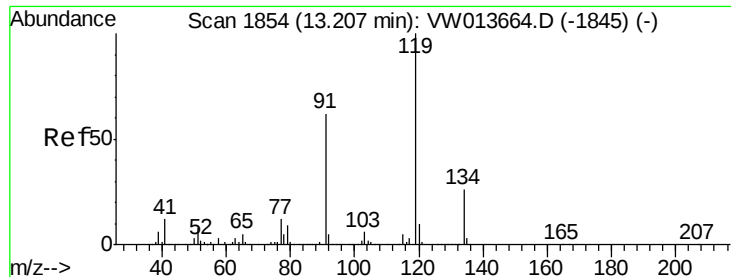
Tgt Ion: 75 Resp: 40434
Ion Ratio Lower Upper
75 100
53 89.3 71.7 107.5
89 43.5 35.8 53.8



#82
4-Chlorotoluene
Concen: 50.070 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion: 91 Resp: 514679
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.5

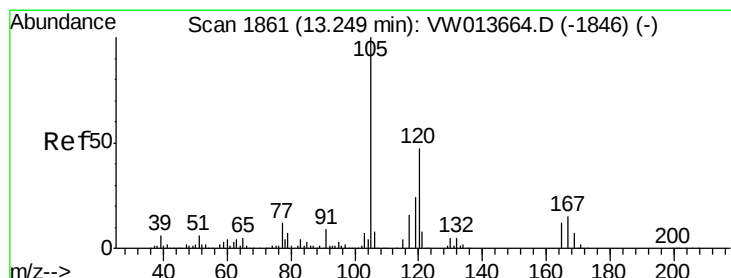
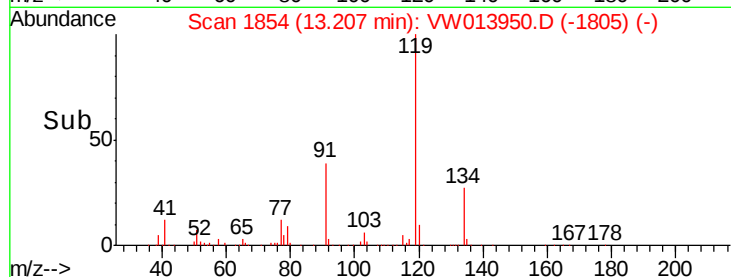
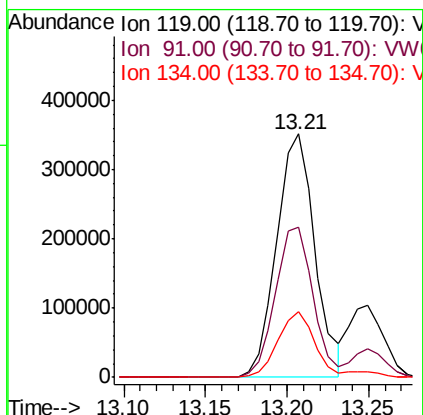
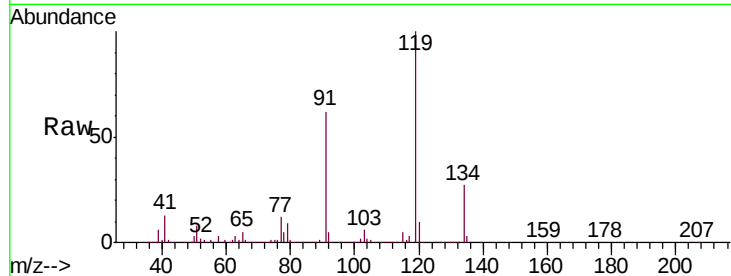




#83
tert-Butylbenzene
Concen: 50.652 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

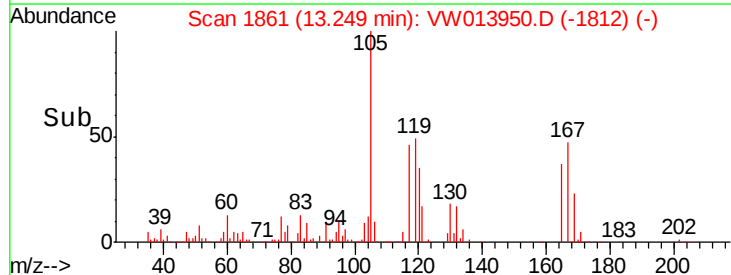
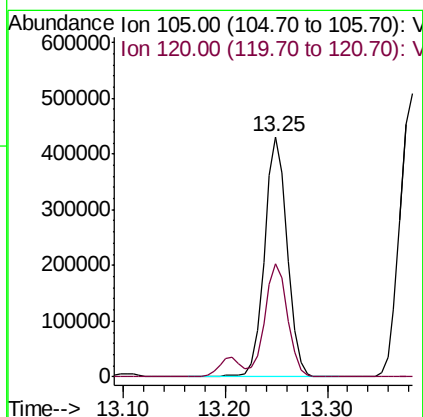
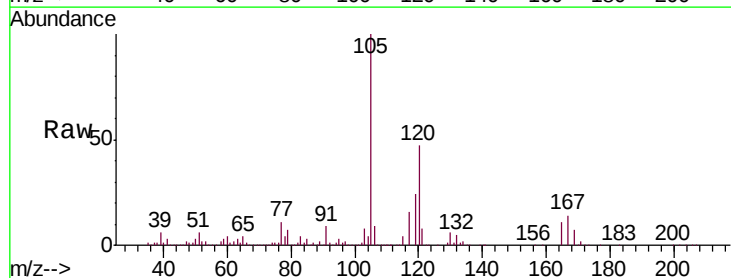
Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

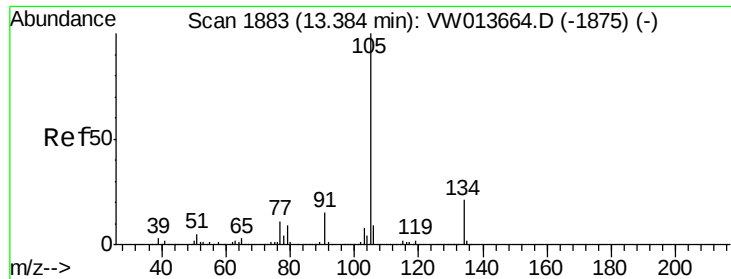
Tgt Ion:119 Resp: 571336
Ion Ratio Lower Upper
119 100
91 60.6 30.4 91.3
134 26.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.843 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion:105 Resp: 662396
Ion Ratio Lower Upper
105 100
120 47.2 23.5 70.5





#85

sec-Butylbenzene

Concen: 50.245 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

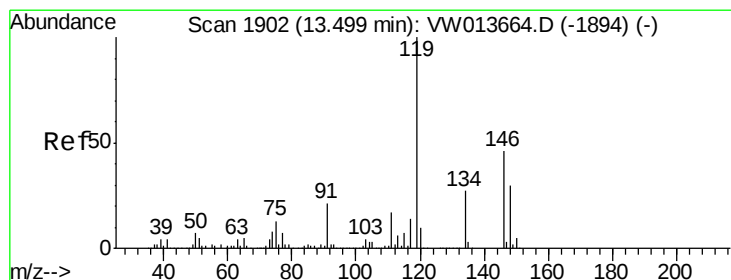
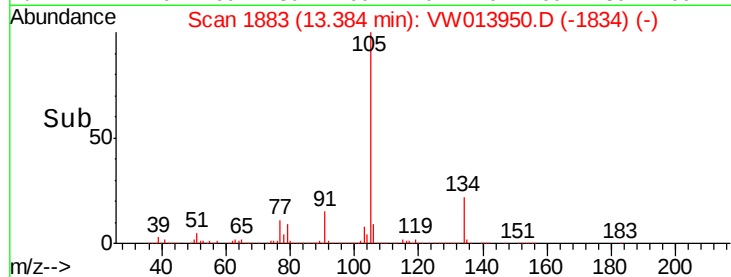
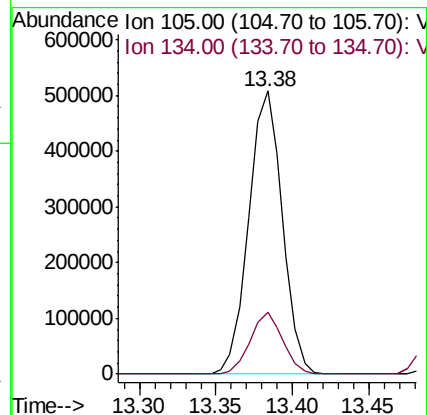
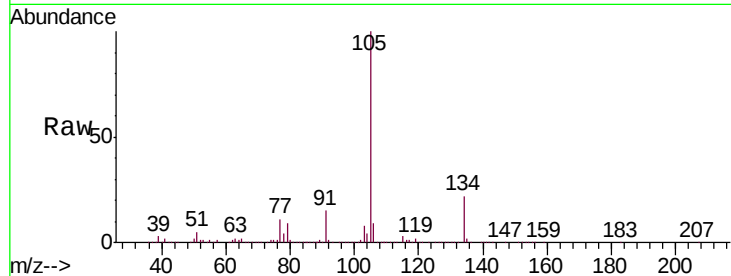
SB-38-(2-4)MS

Tgt Ion:105 Resp: 775003

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 51.074 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

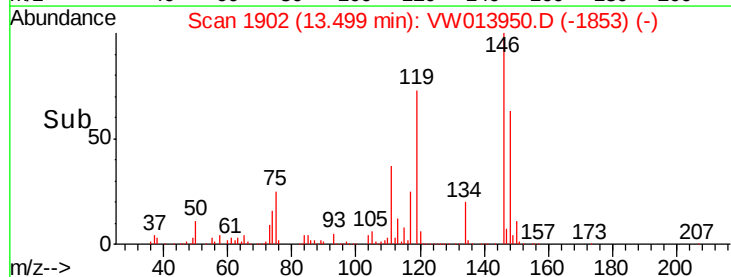
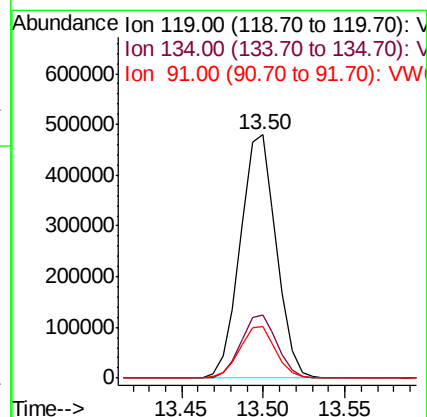
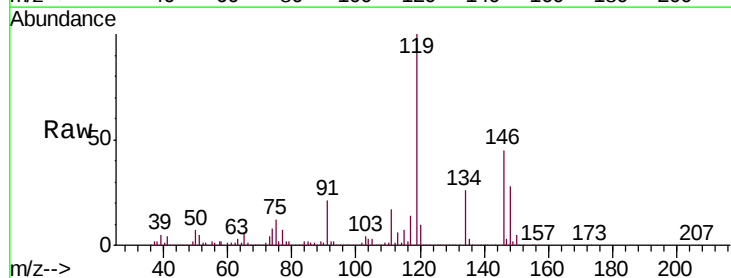
Tgt Ion:119 Resp: 733837

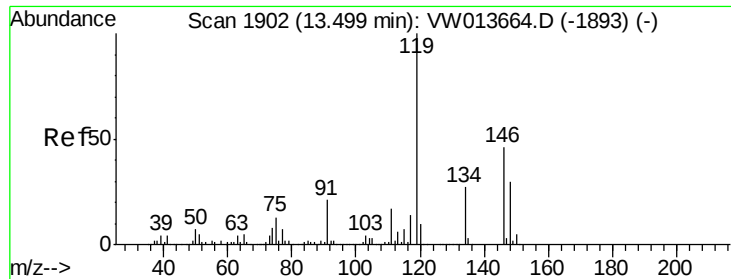
Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.1

91 21.1 10.8 32.3

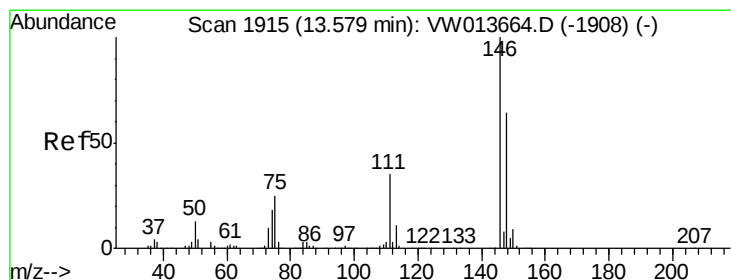
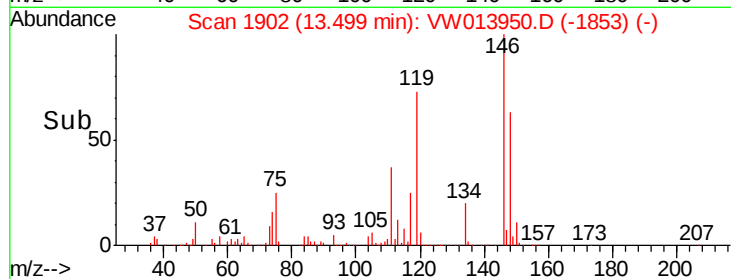
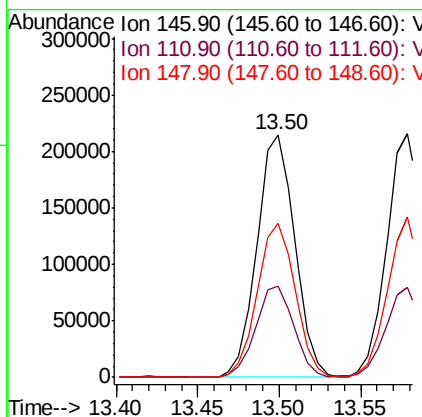
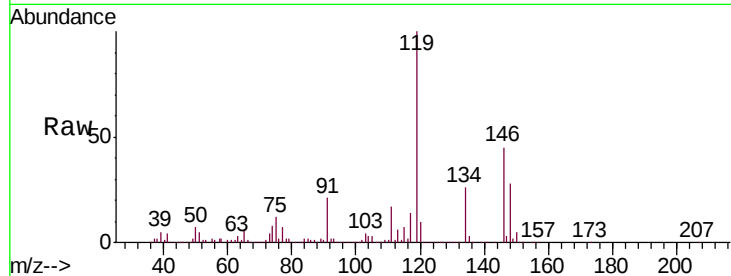




#87
 1,3-Dichlorobenzene
 Concen: 49.938 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

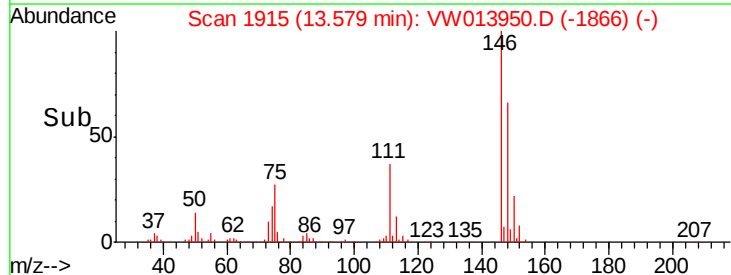
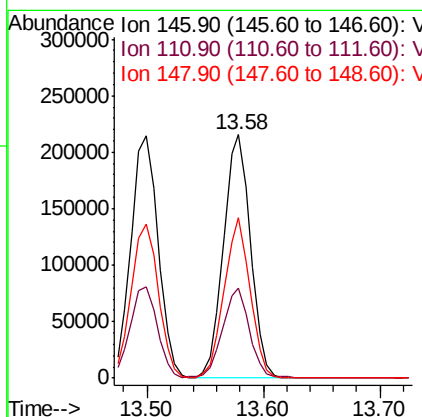
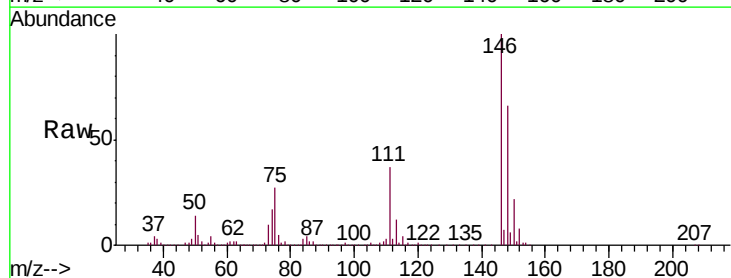
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

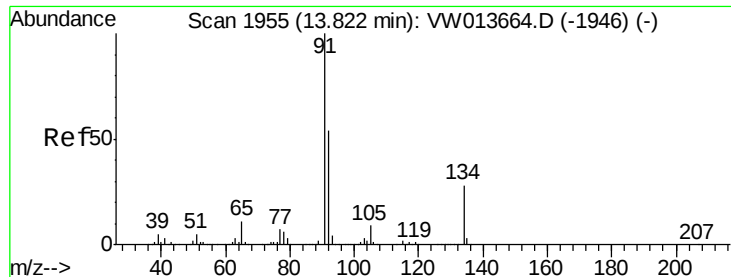
Tgt Ion:146 Resp: 347936
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 56.0
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.910 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion:146 Resp: 345466
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 50.388 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

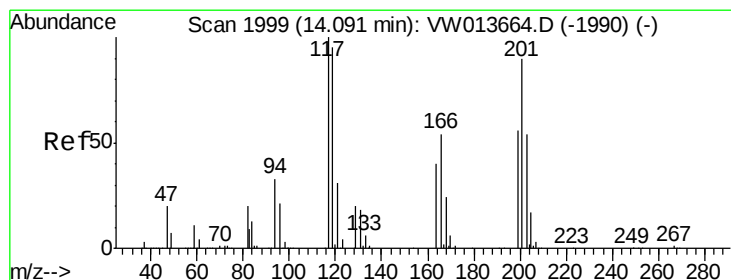
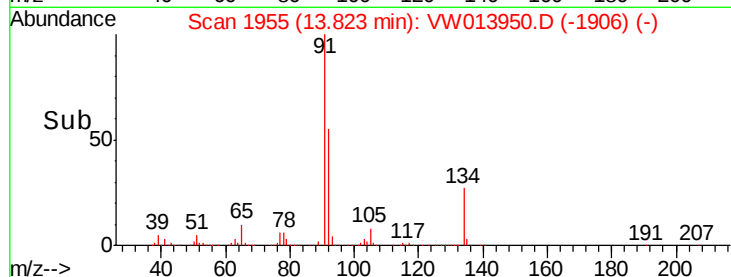
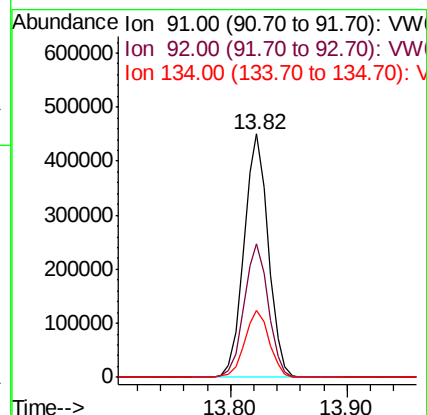
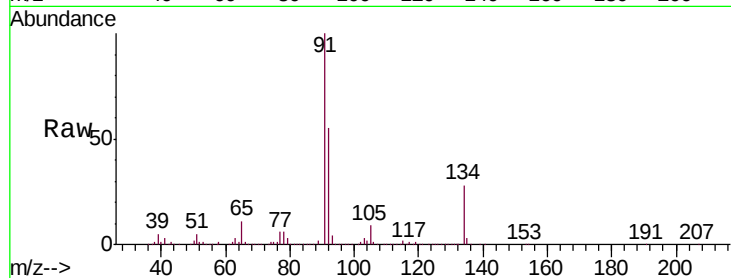
Tgt Ion: 91 Resp: 653480

Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.4

134 28.2 14.0 41.9



#90

Hexachloroethane

Concen: 48.914 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013950.D

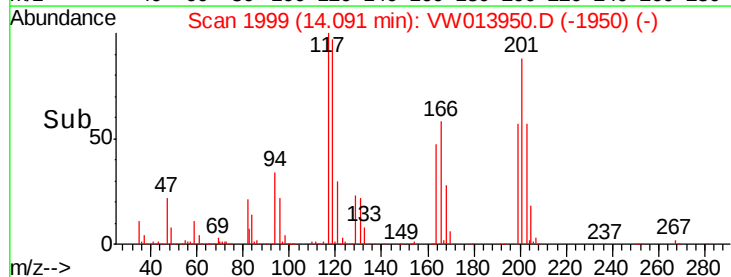
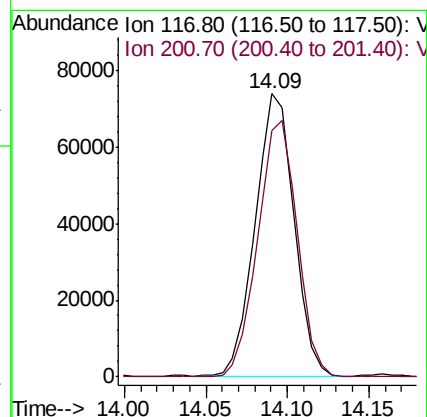
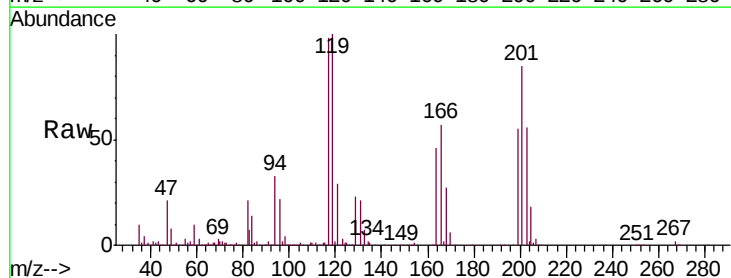
Acq: 08 Nov 2019 17:37

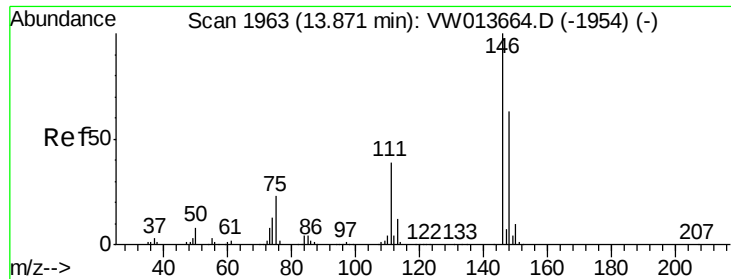
Tgt Ion: 117 Resp: 122157

Ion Ratio Lower Upper

117 100

201 92.3 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 51.442 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

SB-38-(2-4)MS

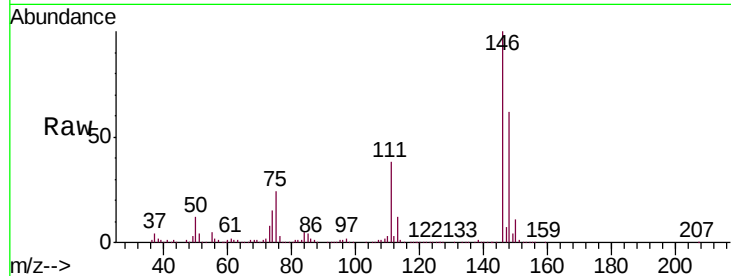
Tgt Ion:146 Resp: 310768

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.6

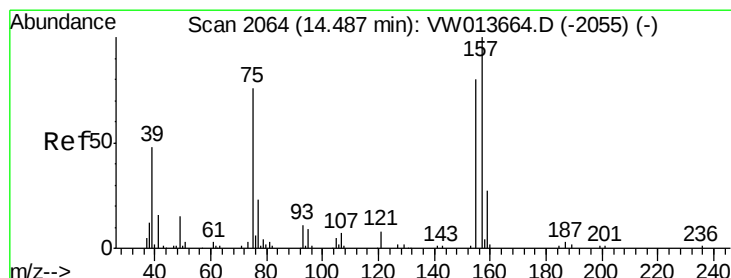
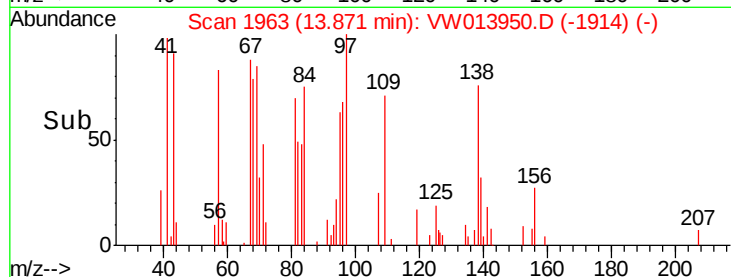
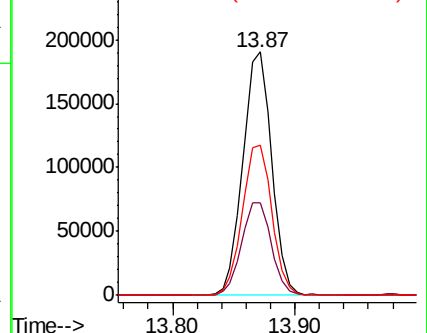
148 63.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.444 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW013950.D

Acq: 08 Nov 2019 17:37

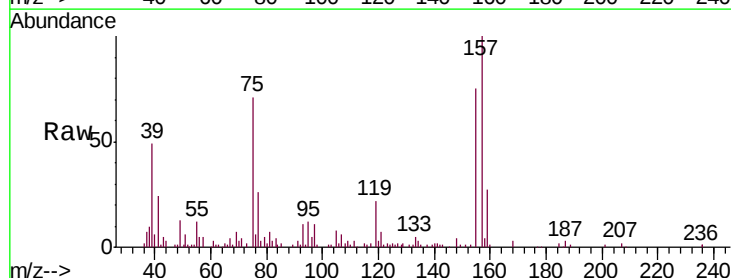
Tgt Ion: 75 Resp: 18479

Ion Ratio Lower Upper

75 100

155 100.7 51.9 155.7

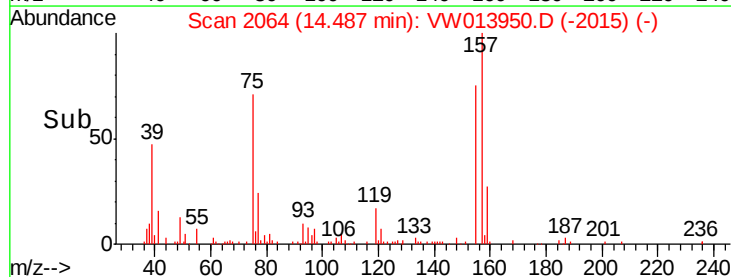
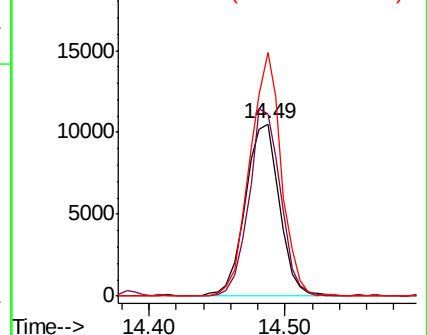
157 130.5 64.8 194.3

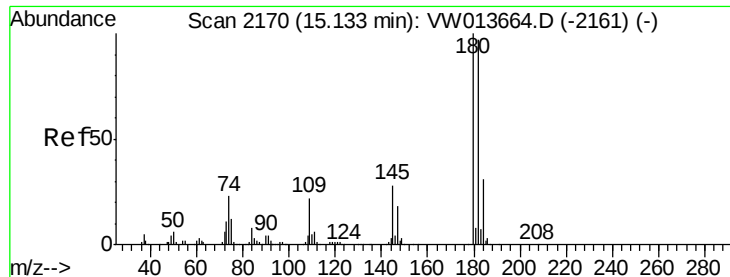


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

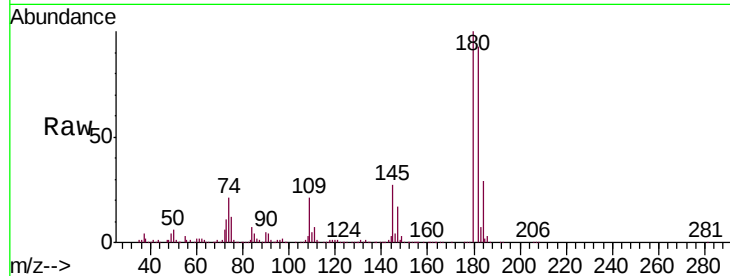




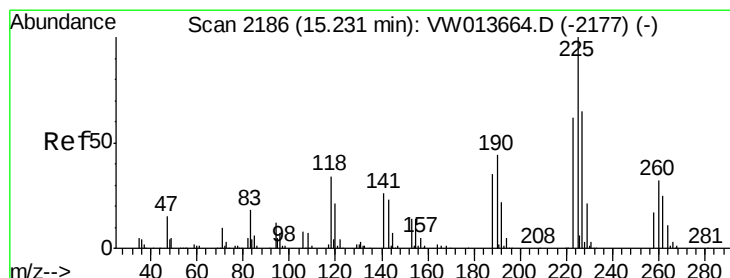
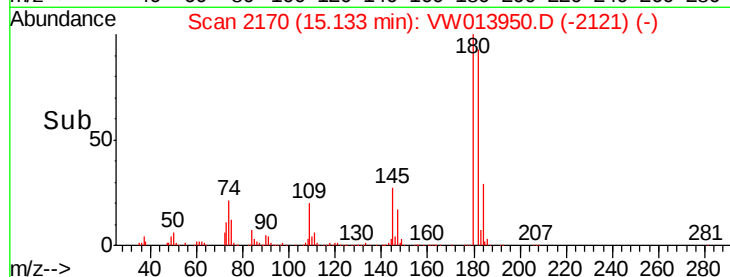
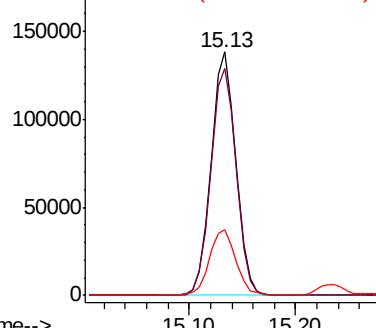
#93
 1,2,4-Trichlorobenzene
 Concen: 51.300 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-(2-4)MS

Tgt Ion:180 Resp: 225542
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.4 142.2
 145 28.7 14.1 42.3

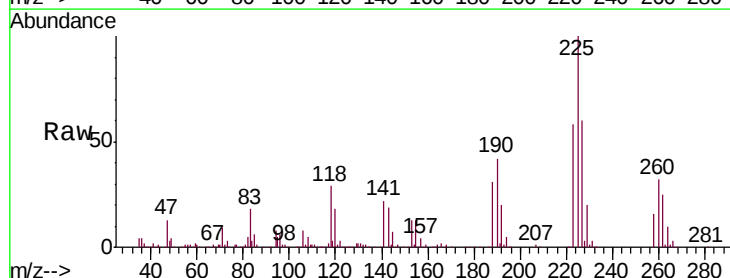


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

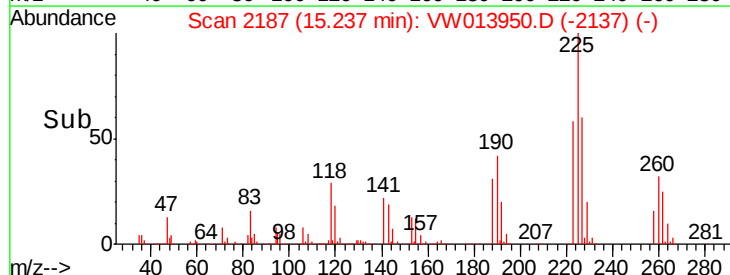
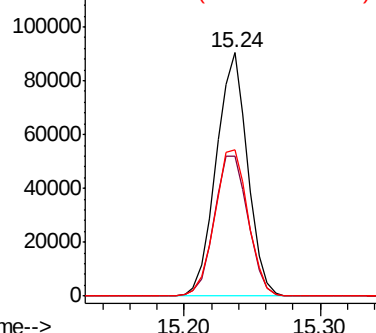


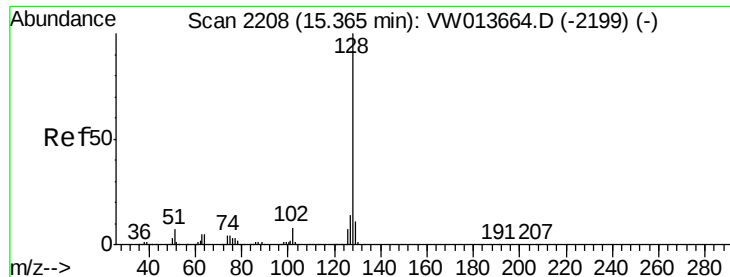
#94
 Hexachlorobutadiene
 Concen: 49.110 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013950.D
 Acq: 08 Nov 2019 17:37

Tgt Ion:225 Resp: 145761
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.9 95.9
 227 64.0 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

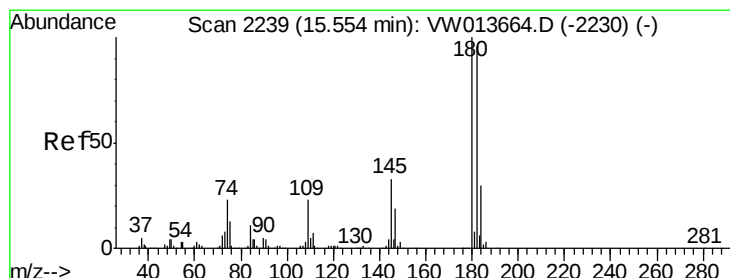
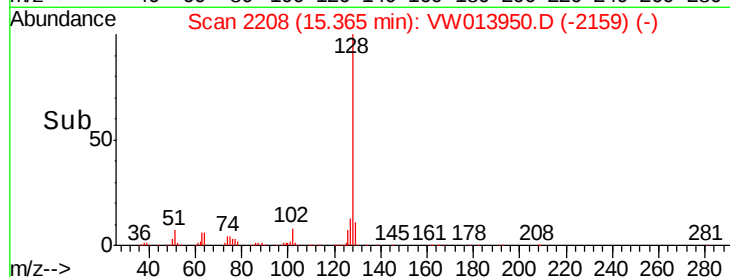
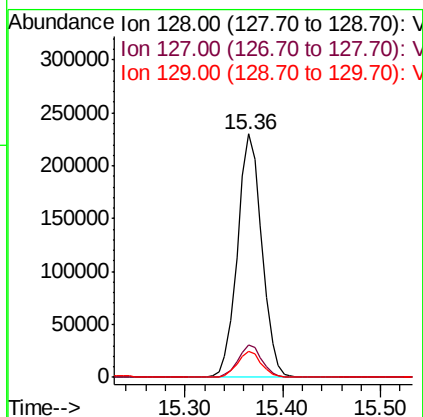
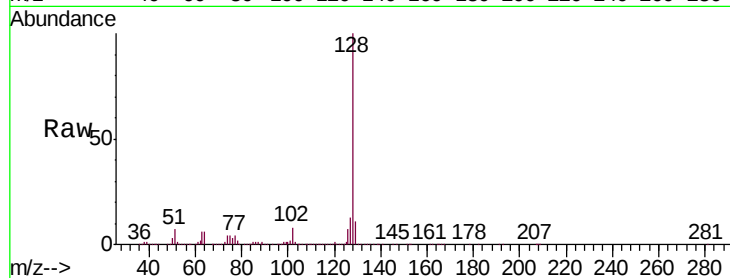




#95
Naphthalene
Concen: 57.738 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
SB-38-(2-4)MS

Tgt Ion:128 Resp: 397997
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.309 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013950.D
Acq: 08 Nov 2019 17:37

Tgt Ion:180 Resp: 194376
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 30.9 14.9 44.9

