

Data File : VW013938.D
Acq On : 08 Nov 2019 12:31
Operator : SY/VA
Sample : VW1108SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Quant Time: Nov 09 03:15:37 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	276616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170461	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	110145	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	7.88	113	109641	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.32	98	457968	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.62	95	150987	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	34178	23.453	ug/l	98
3) Chloromethane	2.21	50	37486	23.935	ug/l	96
4) Vinyl Chloride	2.36	62	56574	23.919	ug/l	97
5) Bromomethane	2.77	94	35122	22.579	ug/l	98
6) Chloroethane	2.92	64	31819	22.233	ug/l	96
7) Trichlorofluoromethane	3.26	101	32309	21.870	ug/l	98
8) Diethyl Ether	3.68	74	24235	20.305	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51181	21.311	ug/l	99
10) Methyl Iodide	4.27	142	78719	20.114	ug/l #	93
11) Tert butyl alcohol	5.15	59	18897	152.546	ug/l	95
12) 1,1-Dichloroethene	4.04	96	53312	21.490	ug/l	95
13) Acrolein	3.89	56	12725	89.662	ug/l	100
14) Allyl chloride	4.66	41	79912	20.949	ug/l	99
15) Acrylonitrile	5.36	53	56805	117.044	ug/l	99
16) Acetone	4.12	43	50837	115.544	ug/l	89
17) Carbon Disulfide	4.38	76	155631	21.844	ug/l	99
18) Methyl Acetate	4.67	43	30873	25.598	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	64169	21.555	ug/l	98
20) Methylene Chloride	4.91	84	55057	19.884	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	58398	21.871	ug/l	100
22) Diisopropyl ether	6.31	45	143228	20.584	ug/l	99
23) Vinyl Acetate	6.25	43	420502	104.149	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91682	20.804	ug/l	98
25) 2-Butanone	7.16	43	73017	115.432	ug/l	92
26) 2,2-Dichloropropane	7.16	77	56367	22.119	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	57624	20.318	ug/l	94
28) Bromochloromethane	7.51	49	24445	16.492	ug/l #	98
29) Tetrahydrofuran	7.52	42	45754	116.833	ug/l	99
30) Chloroform	7.67	83	89852	20.625	ug/l	99
31) Cyclohexane	7.95	56	94855	20.568	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	74951	21.924	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77701	21.421	ug/l	99
37) Ethyl Acetate	7.25	43	30207	21.754	ug/l	98
38) Carbon Tetrachloride	8.07	117	71809	21.984	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97814	20.881	ug/l	98
40) Benzene	8.32	78	215517	20.994	ug/l	99
41) Methacrylonitrile	7.48	41	17426	20.125	ug/l	95
42) 1,2-Dichloroethane	8.40	62	55554	21.475	ug/l	98
43) Isopropyl Acetate	8.42	43	57218	21.527	ug/l	99
44) Trichloroethene	9.09	130	62539	21.268	ug/l	99
45) 1,2-Dichloropropane	9.37	63	49151	20.045	ug/l	94
46) Dibromomethane	9.46	93	25577	21.492	ug/l	99
47) Bromodichloromethane	9.64	83	63577	20.647	ug/l	96
48) Methyl methacrylate	9.44	41	28530	21.646	ug/l	99
49) 1,4-Dioxane	9.45	88	10574	601.274	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	148401	112.361	ug/l	99
52) Toluene	10.38	92	138816	20.964	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64879	20.813	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	77962	20.271	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37560	21.177	ug/l	97
56) Ethyl methacrylate	10.65	69	47320	21.324	ug/l	99
57) 1,3-Dichloropropane	10.93	76	65356	21.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	102190	100.060	ug/l	99
59) 2-Hexanone	10.96	43	102039	112.066	ug/l	100
60) Dibromochloromethane	11.13	129	43232	20.529	ug/l	98
61) 1,2-Dibromoethane	11.23	107	36316	21.643	ug/l	100
64) Tetrachloroethene	10.86	164	54548	21.442	ug/l	93
65) Chlorobenzene	11.66	112	141658	20.704	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50111	20.986	ug/l	99
67) Ethyl Benzene	11.73	91	256317	20.776	ug/l	100
68) m/p-Xylenes	11.83	106	201077	42.185	ug/l	97
69) o-Xylene	12.16	106	91085	20.789	ug/l	97
70) Styrene	12.18	104	155917	20.712	ug/l	98
71) Bromoform	12.35	173	27422	21.883	ug/l	95
73) Isopropylbenzene	12.46	105	255964	20.910	ug/l	99
74) N-amyl acetate	12.27	43	50354	21.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41604	21.537	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53715	43.879	ug/l #	100
77) Bromobenzene	12.74	156	61436	21.009	ug/l	100
78) n-propylbenzene	12.80	91	300406	21.202	ug/l	100
79) 2-Chlorotoluene	12.89	91	167678	21.059	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	216567	20.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13615	21.019	ug/l	95
82) 4-Chlorotoluene	12.99	91	178029	21.297	ug/l	99
83) tert-Butylbenzene	13.21	119	191305	20.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	213927	20.986	ug/l	98
85) sec-Butylbenzene	13.38	105	265296	21.150	ug/l	99
86) p-Isopropyltoluene	13.50	119	247568	21.188	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	118968	20.997	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	118609	21.072	ug/l	99
89) n-Butylbenzene	13.82	91	222012	21.051	ug/l	99
90) Hexachloroethane	14.09	117	41691	20.528	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	103510	21.070	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6760	23.142	ug/l	93

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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70008	19.581	ug/l	97
94) Hexachlorobutadiene	15.24	225	50302	20.841	ug/l	99
95) Naphthalene	15.36	128	109487	19.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	60396	19.604	ug/l	98

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

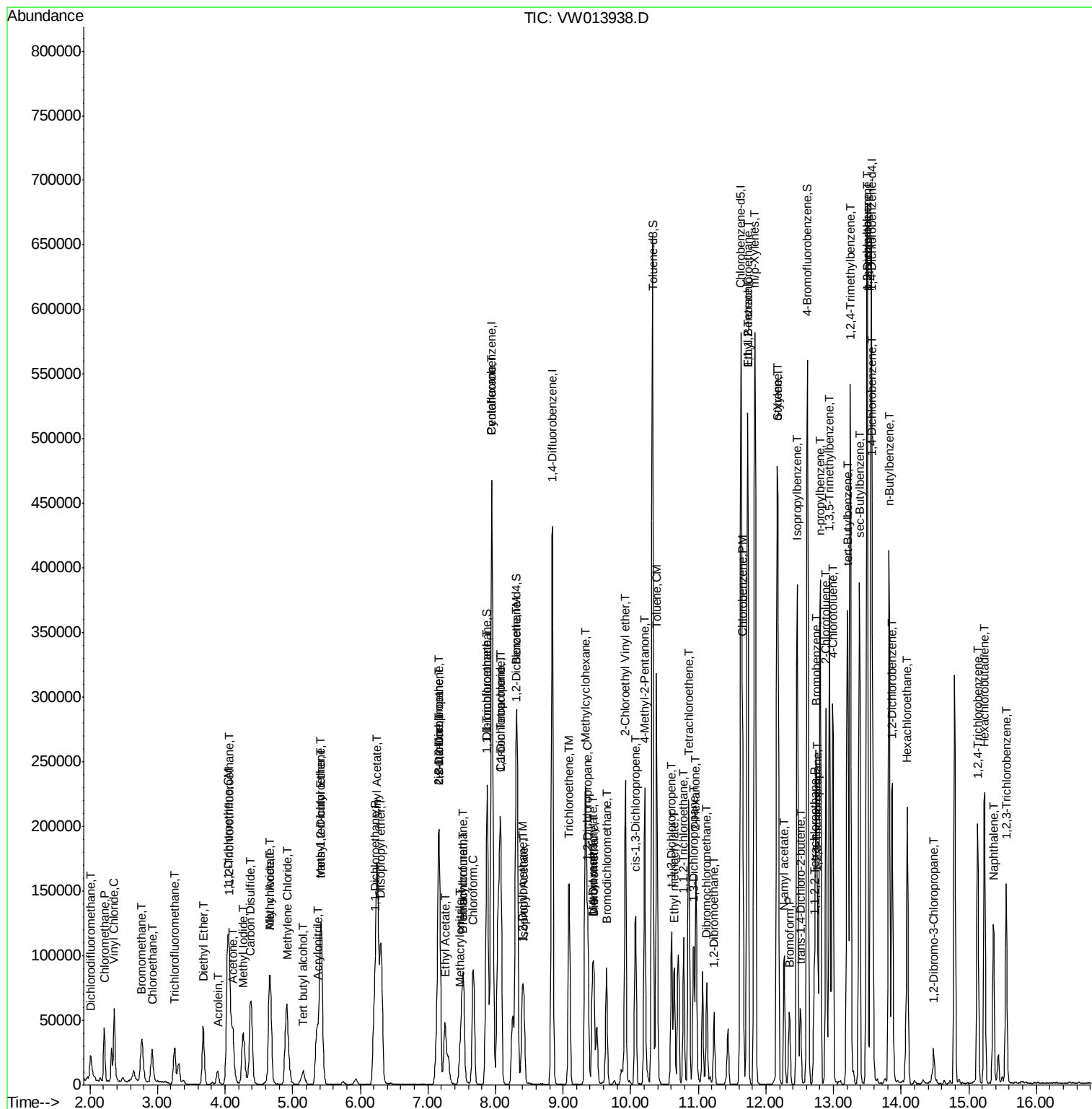
Quant Time: Nov 09 03:15:37 2019

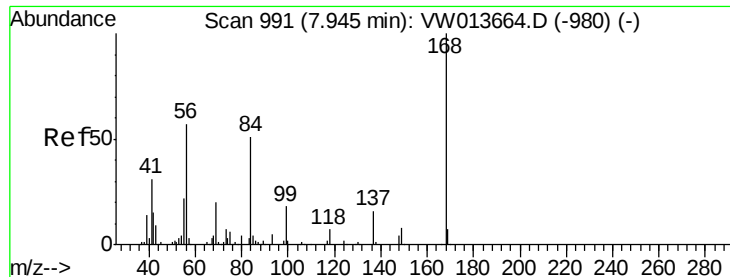
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W102319S.M

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: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

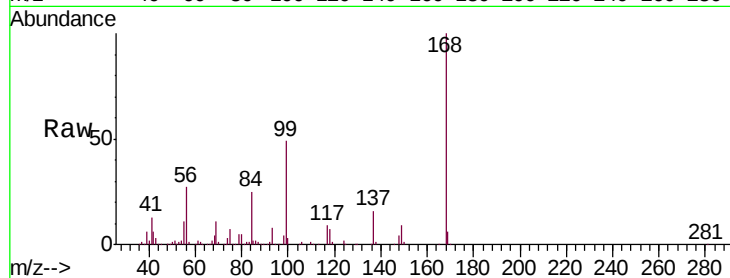
VW1108SBS01

Tgt Ion:168 Resp: 276616

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

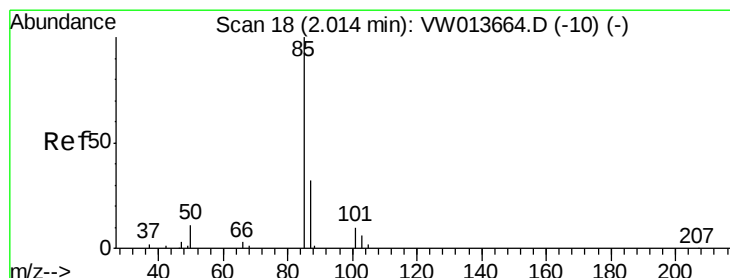
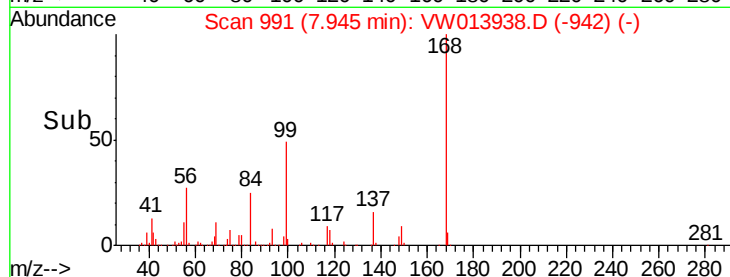
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.453 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013938.D

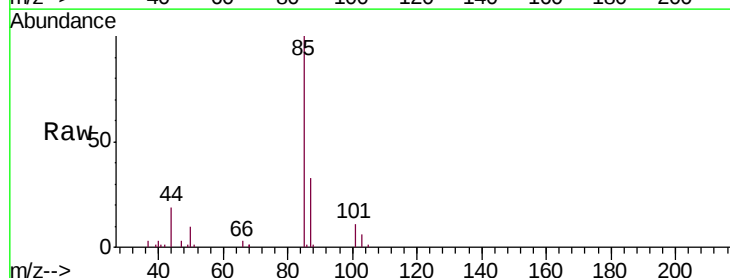
Acq: 08 Nov 2019 12:31

Tgt Ion: 85 Resp: 34178

Ion Ratio Lower Upper

85 100

87 33.2 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

12000

10000

8000

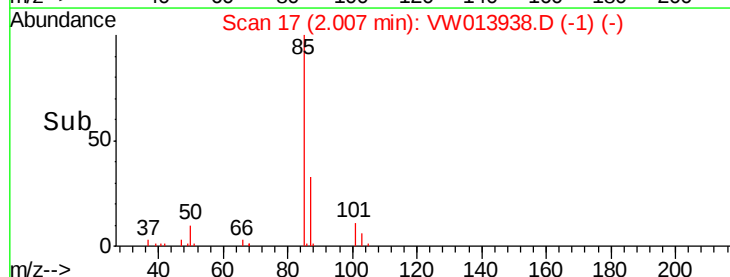
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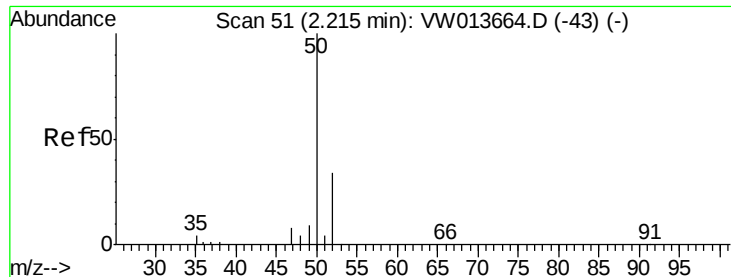
4000

2000

0

Time-->





#3

Chloromethane

Concen: 23.935 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

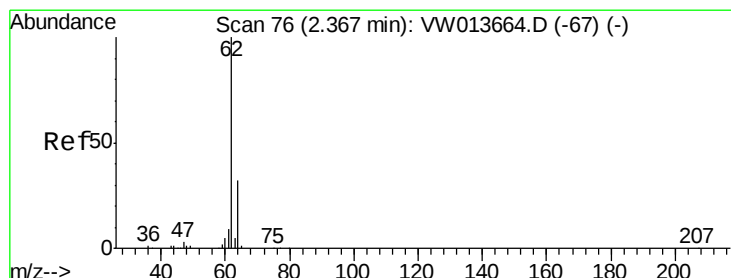
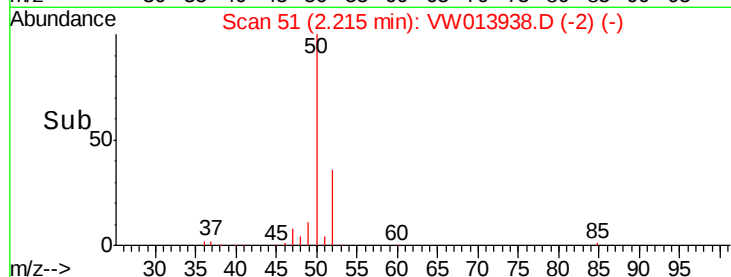
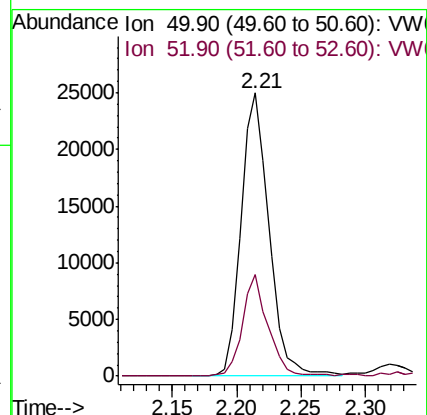
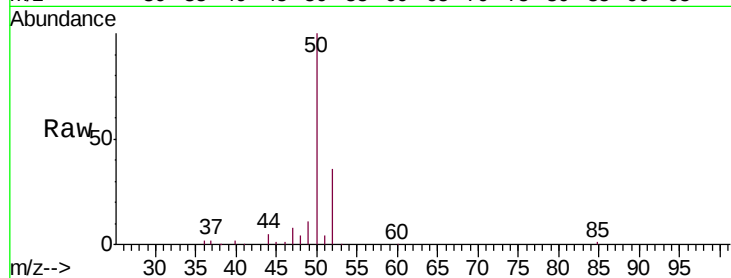
VW1108SBS01

Tgt Ion: 50 Resp: 37486

Ion Ratio Lower Upper

50 100

52 35.8 26.9 40.3



#4

Vinyl Chloride

Concen: 23.919 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013938.D

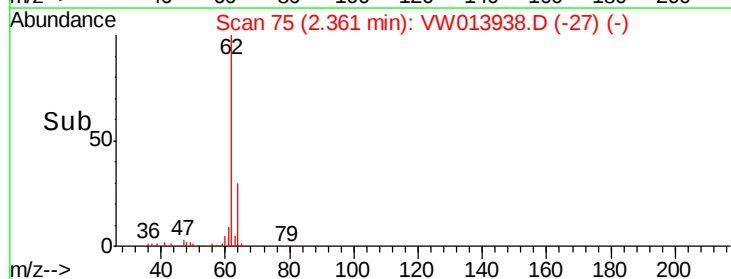
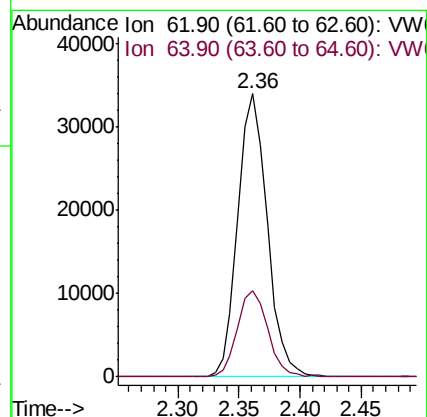
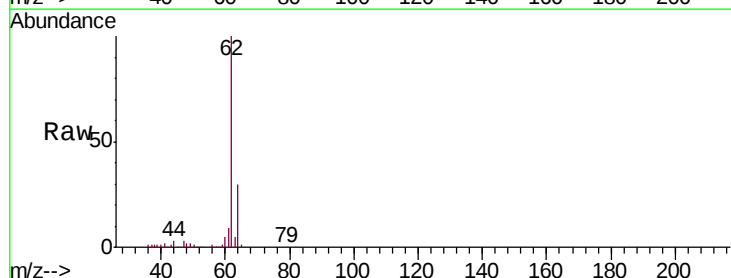
Acq: 08 Nov 2019 12:31

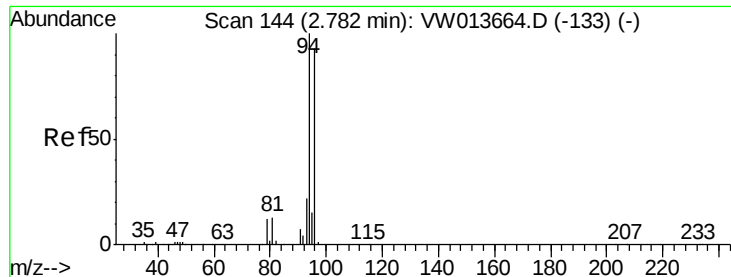
Tgt Ion: 62 Resp: 56574

Ion Ratio Lower Upper

62 100

64 30.3 25.5 38.3





#5

Bromomethane

Concen: 22.579 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

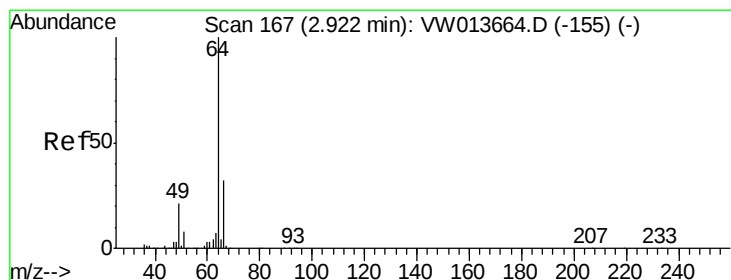
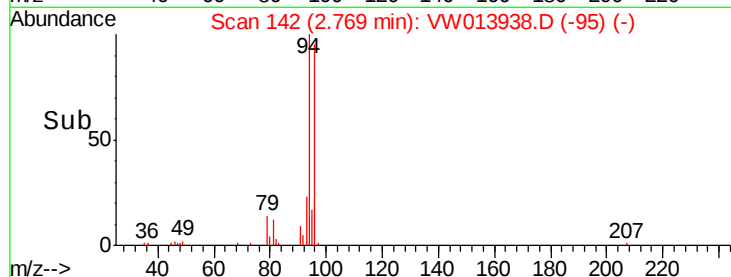
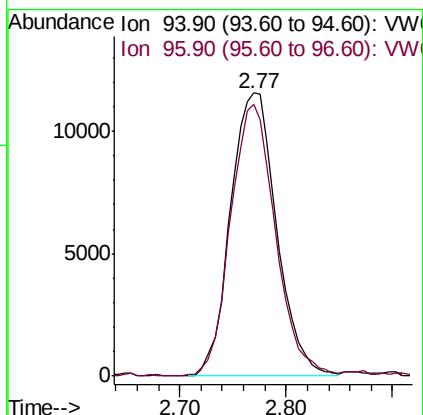
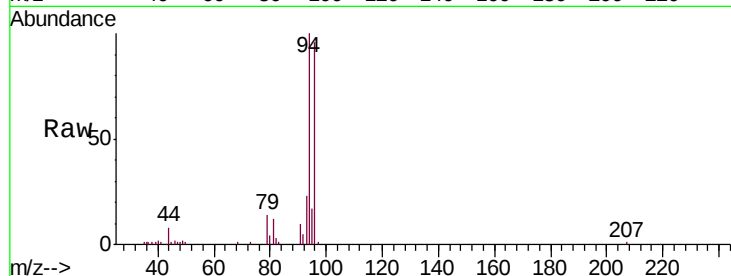
VW1108SBS01

Tgt Ion: 94 Resp: 35122

Ion Ratio Lower Upper

94 100

96 95.2 74.6 112.0



#6

Chloroethane

Concen: 22.233 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013938.D

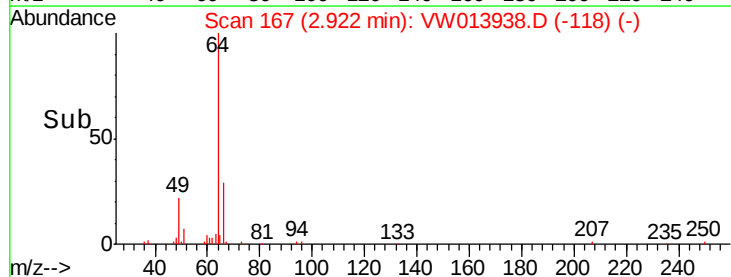
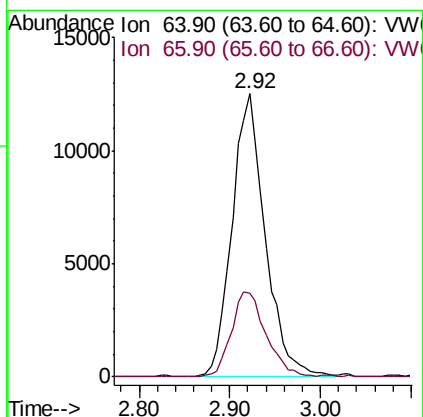
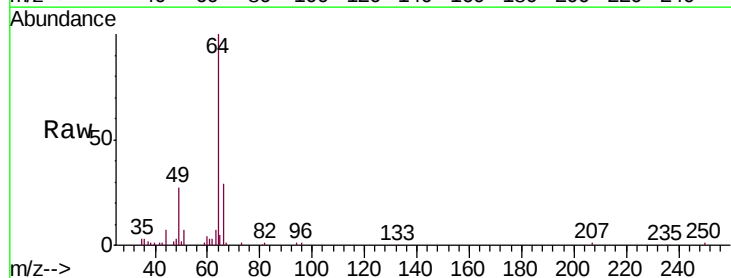
Acq: 08 Nov 2019 12:31

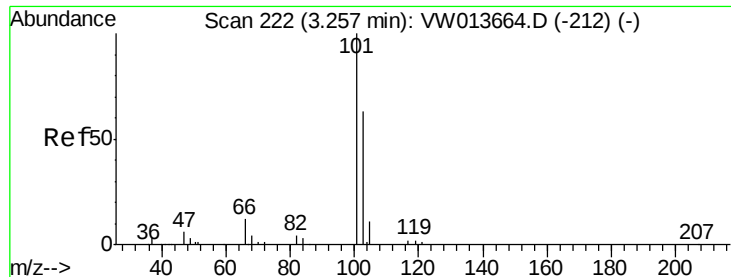
Tgt Ion: 64 Resp: 31819

Ion Ratio Lower Upper

64 100

66 29.4 25.4 38.0



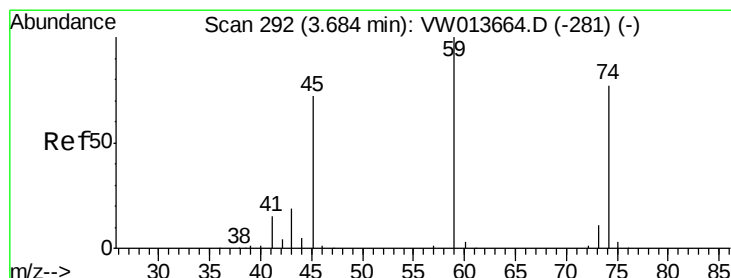
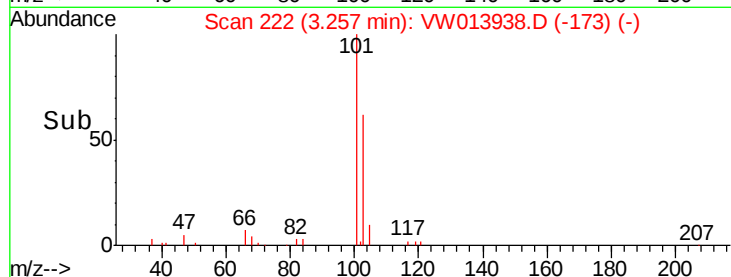
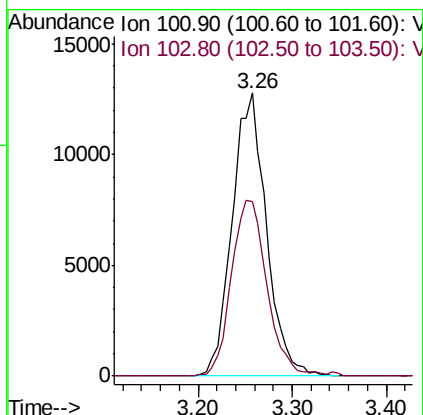
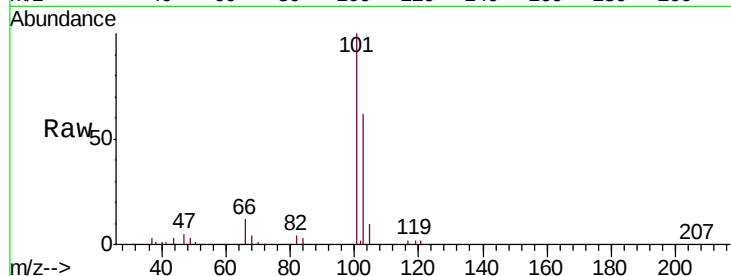


#7

Trichlorofluoromethane
 Concen: 21.870 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW013938.D
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 VW1108SBS01

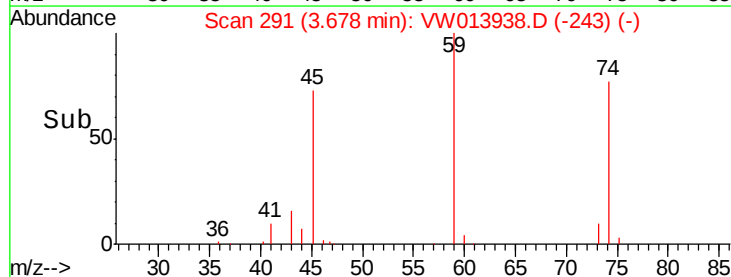
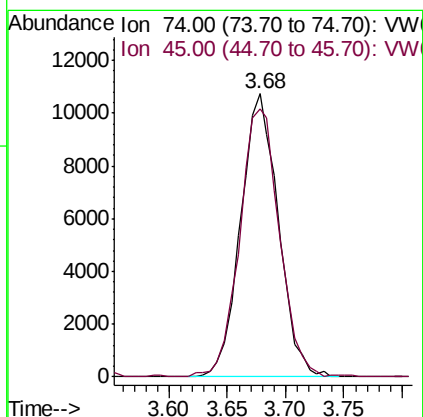
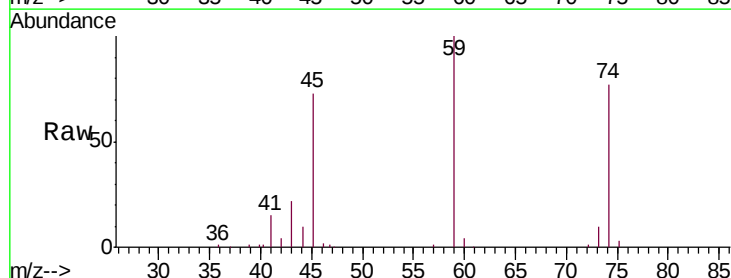
Tgt Ion:101 Resp: 32309
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.6 76.0

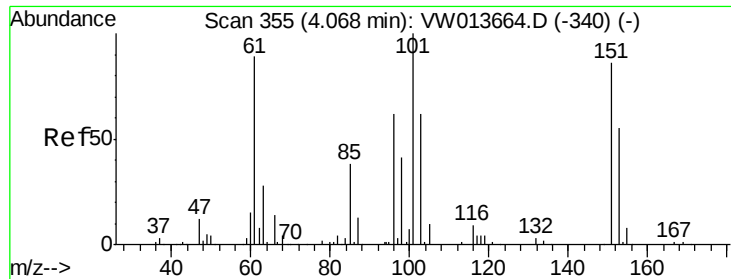


#8

Diethyl Ether
 Concen: 20.305 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion: 74 Resp: 24235
 Ion Ratio Lower Upper
 74 100
 45 99.7 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.311 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

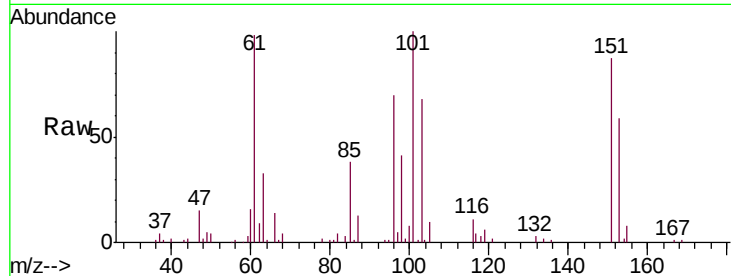
Tgt Ion:101 Resp: 51181

Ion Ratio Lower Upper

101 100

85 40.4 31.0 46.6

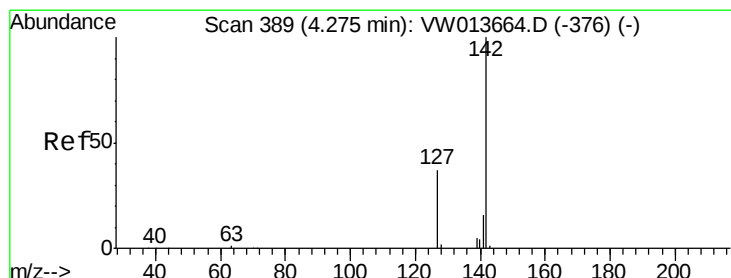
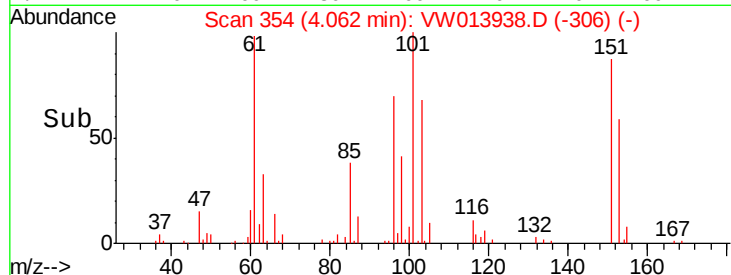
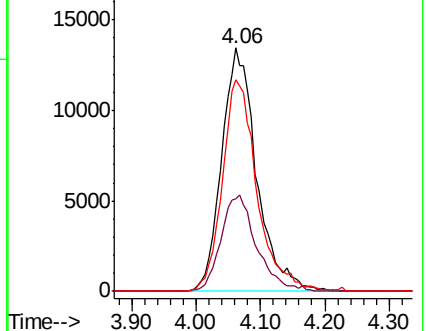
151 86.0 68.2 102.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.114 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

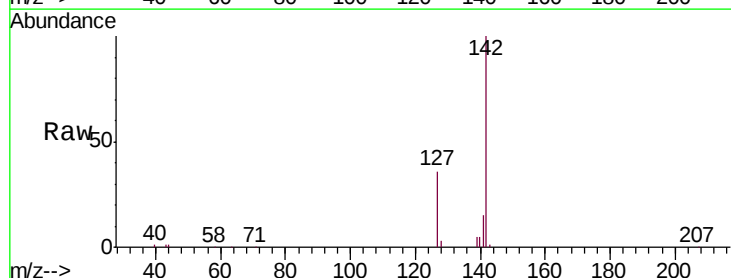
Tgt Ion:142 Resp: 78719

Ion Ratio Lower Upper

142 100

127 39.1 30.3 45.5

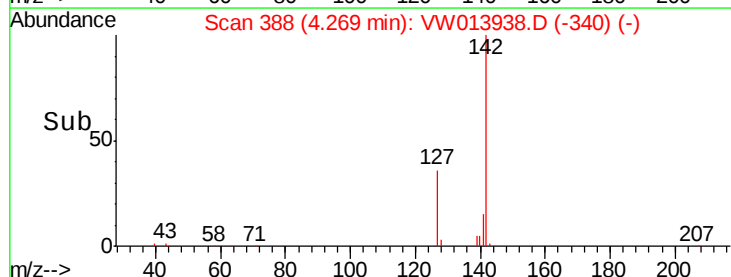
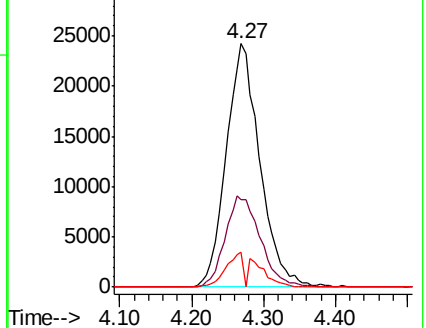
141 7.2 11.8 17.8#

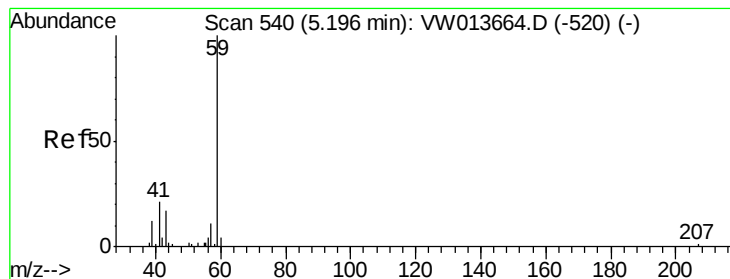


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 152.546 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.04 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

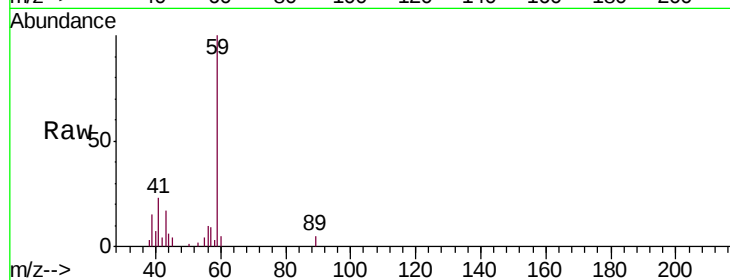
VW1108SBS01

Tgt Ion: 59 Resp: 18897

Ion Ratio Lower Upper

59 100

57 9.0 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

6000

5000

4000

3000

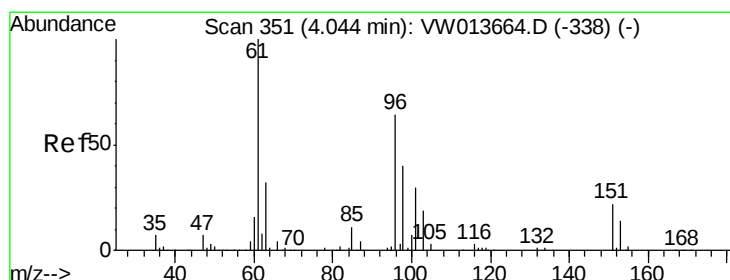
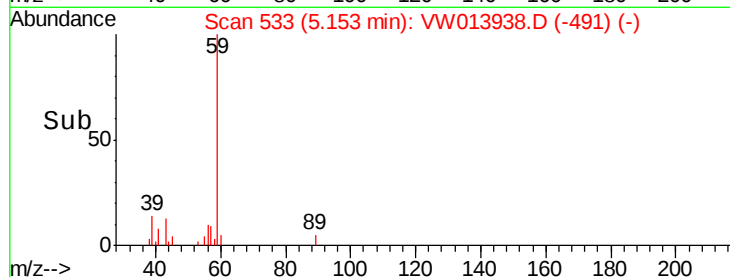
2000

1000

0

5.00 5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 21.490 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

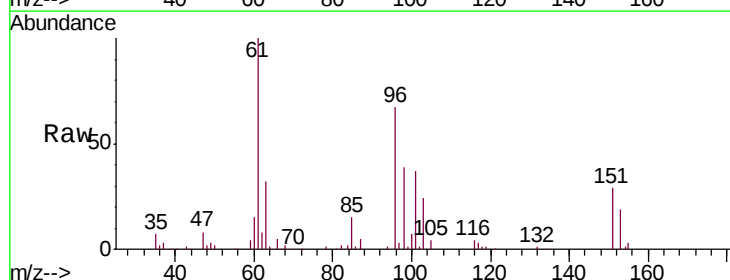
Tgt Ion: 96 Resp: 53312

Ion Ratio Lower Upper

96 100

61 149.3 125.0 187.6

98 58.9 50.3 75.5



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

30000

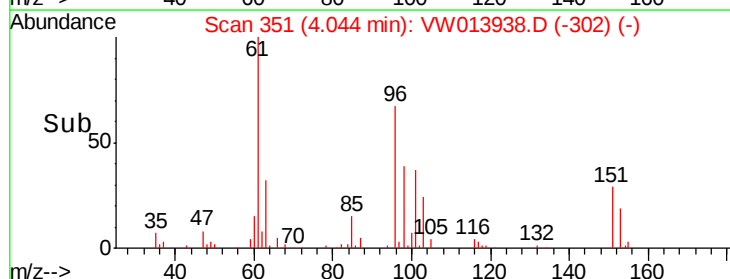
20000

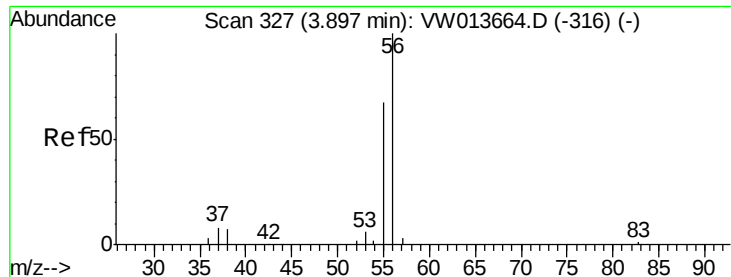
10000

0

3.90 4.00 4.10 4.20

Time-->





#13

Acrolein

Concen: 89.662 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

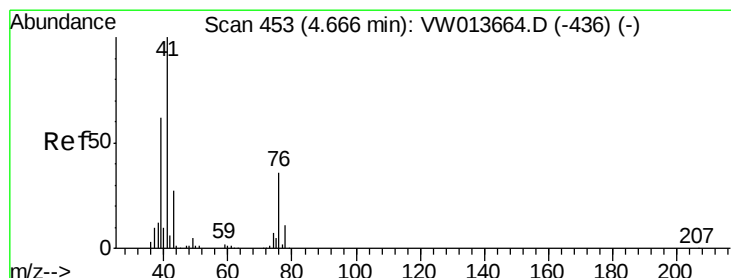
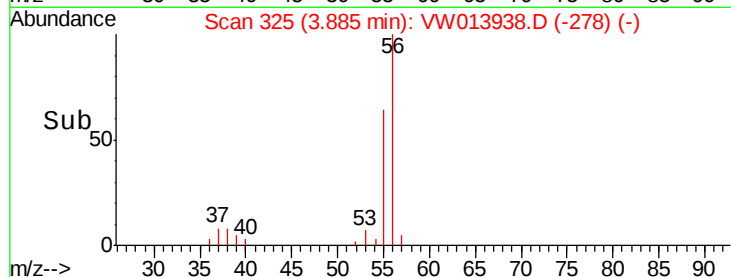
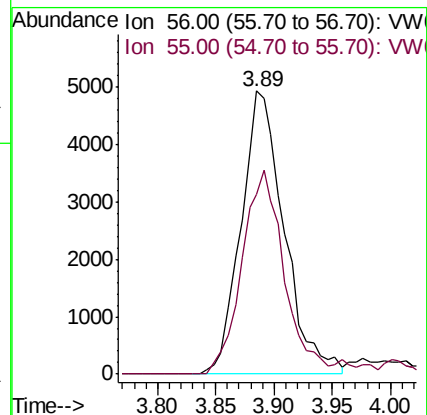
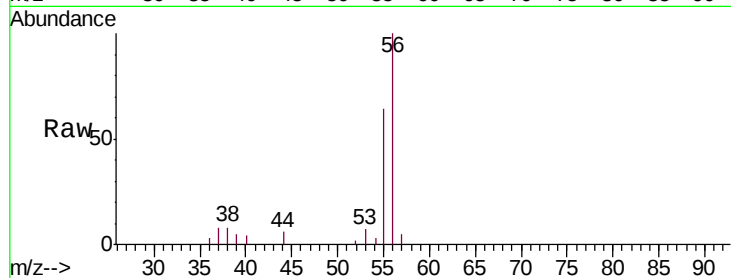
VW1108SBS01

Tgt Ion: 56 Resp: 12725

Ion Ratio Lower Upper

56 100

55 70.3 56.1 84.1



#14

Allyl chloride

Concen: 20.949 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

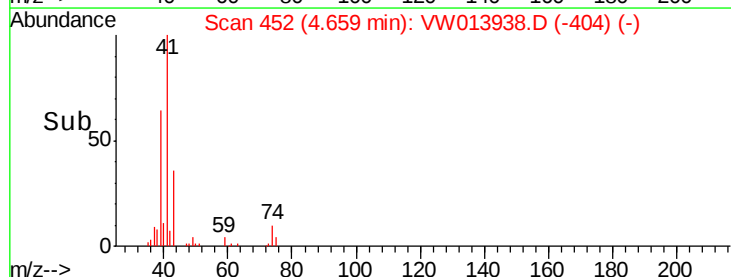
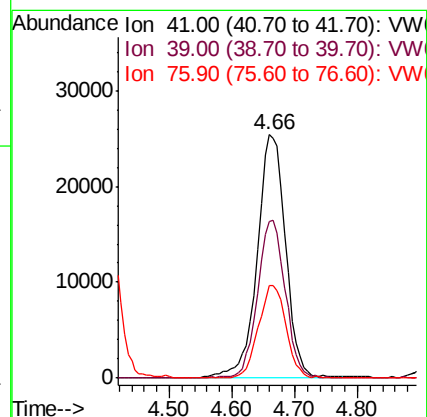
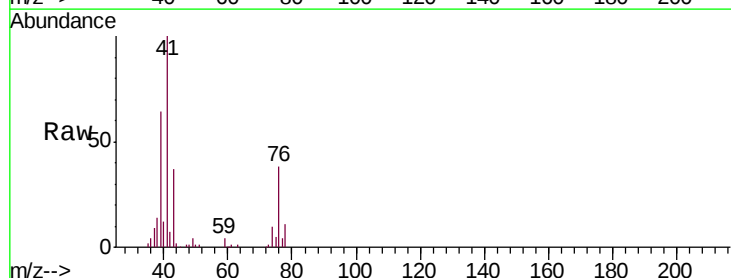
Tgt Ion: 41 Resp: 79912

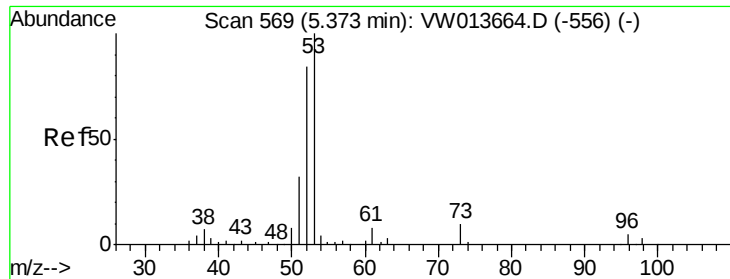
Ion Ratio Lower Upper

41 100

39 63.3 50.0 75.0

76 36.6 29.6 44.4

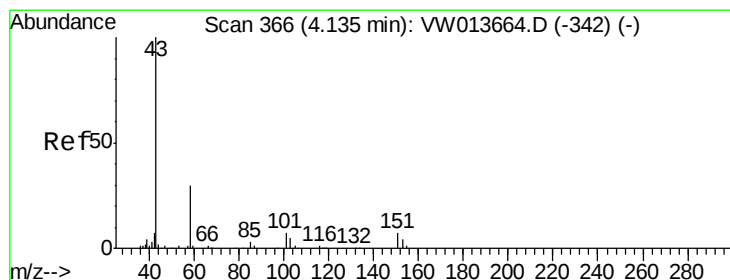
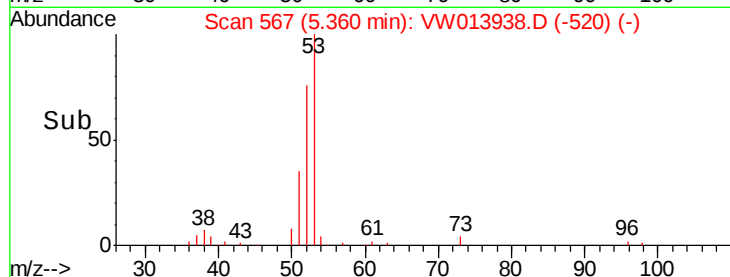
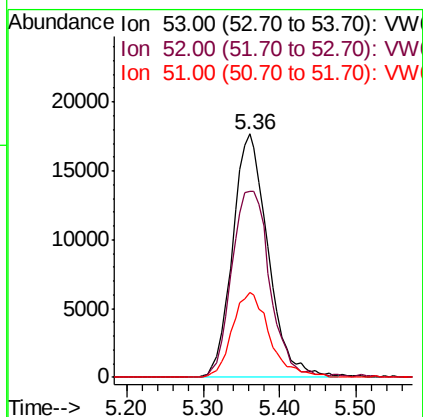
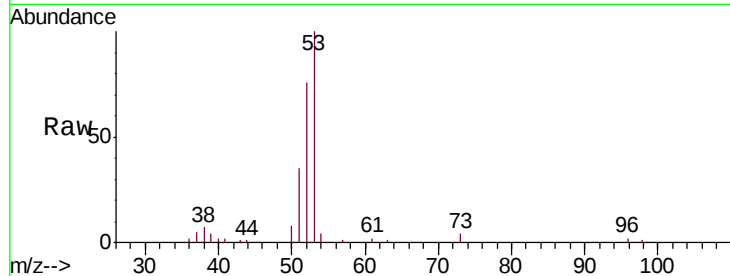




#15
Acrylonitrile
Concen: 117.044 ug/l
RT: 5.36 min Scan# 567
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

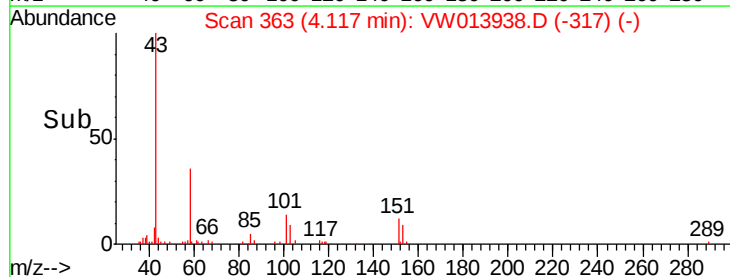
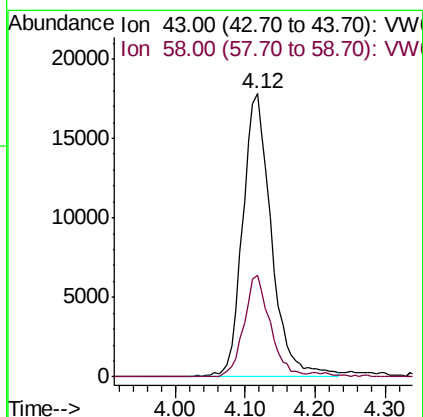
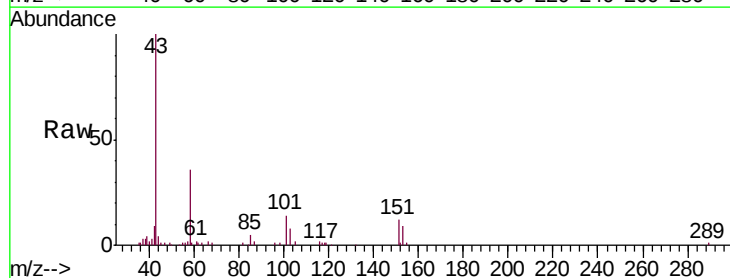
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

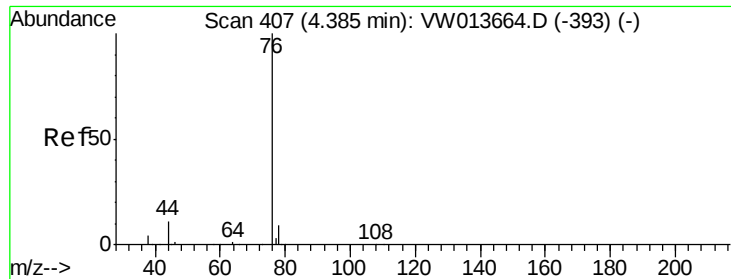
Tgt Ion: 53 Resp: 56805
Ion Ratio Lower Upper
53 100
52 82.3 67.4 101.0
51 36.5 29.1 43.7



#16
Acetone
Concen: 115.544 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 43 Resp: 50837
Ion Ratio Lower Upper
43 100
58 36.0 24.1 36.1

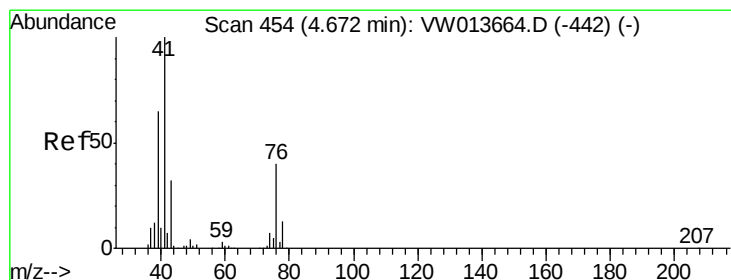
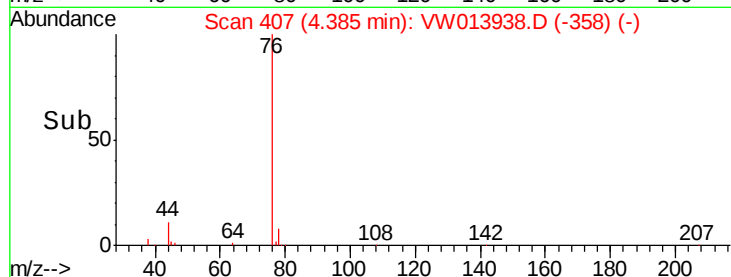
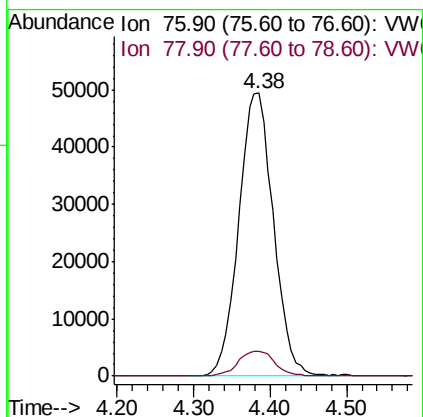
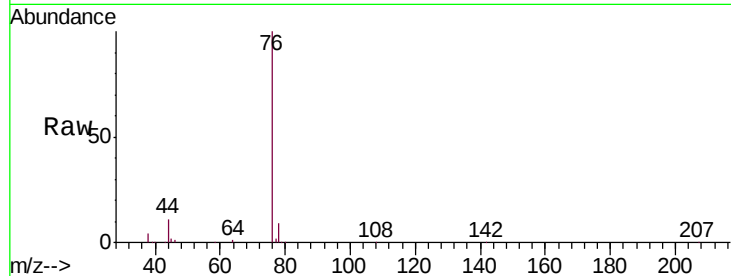




#17
Carbon Disulfide
Concen: 21.844 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

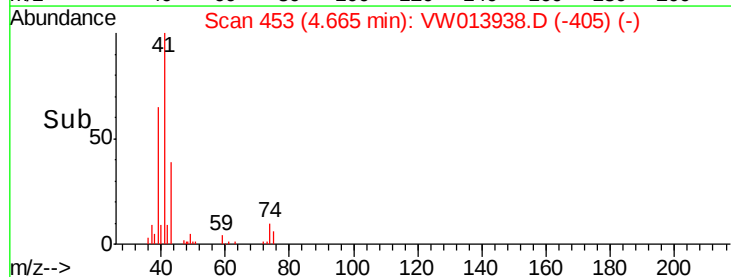
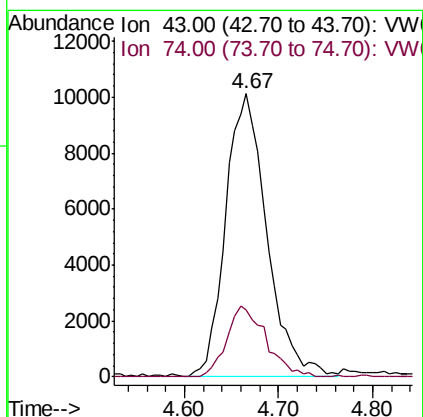
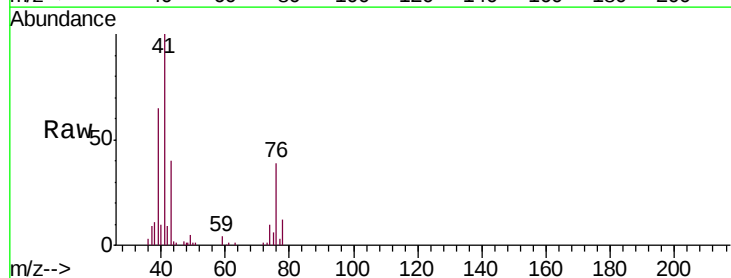
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

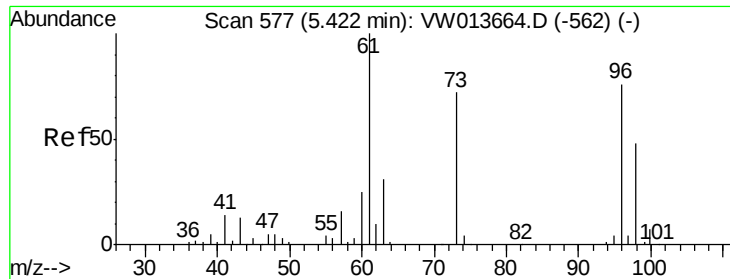
Tgt Ion: 76 Resp: 155631
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 25.598 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 43 Resp: 30873
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8

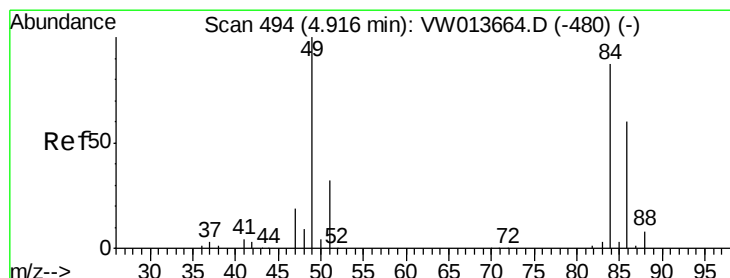
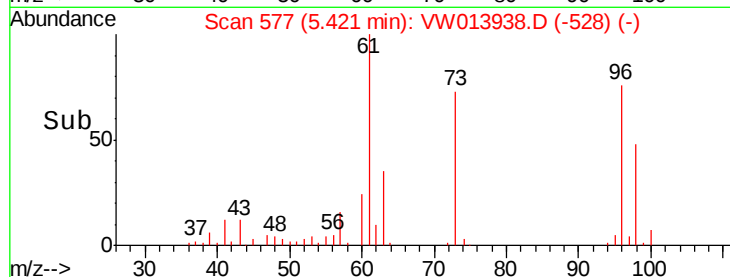
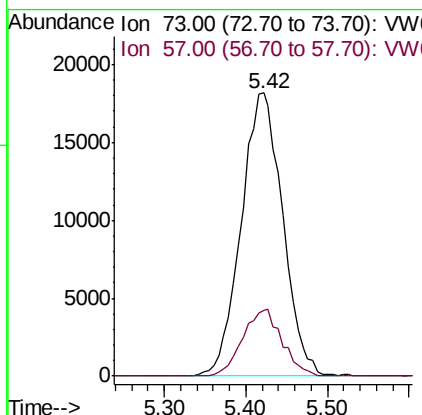
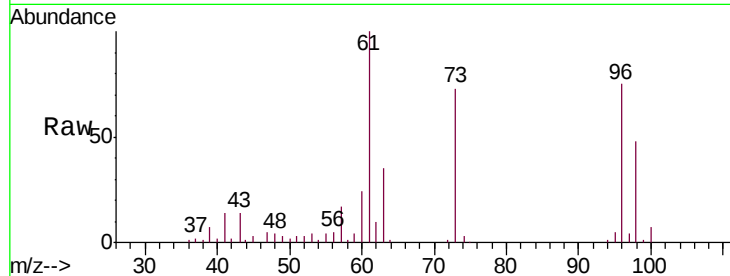




#19
Methyl tert-butyl Ether
Concen: 21.555 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

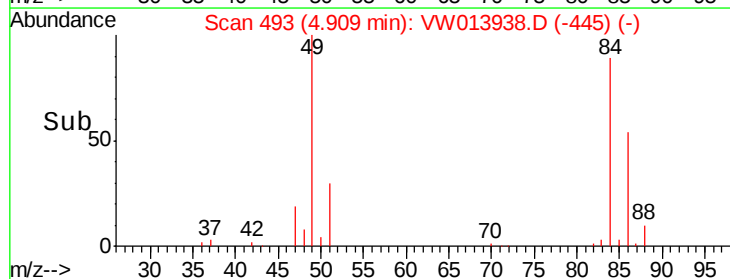
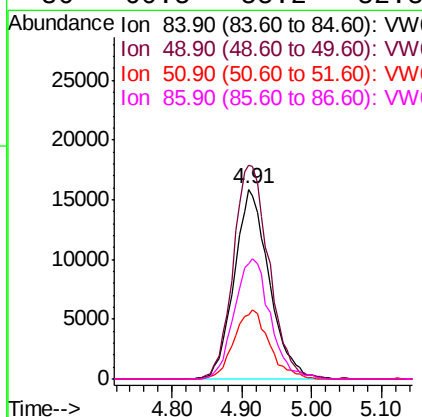
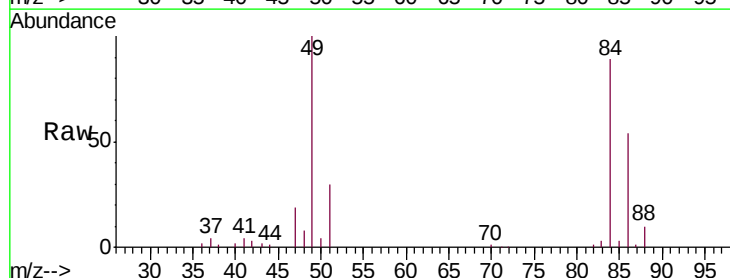
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

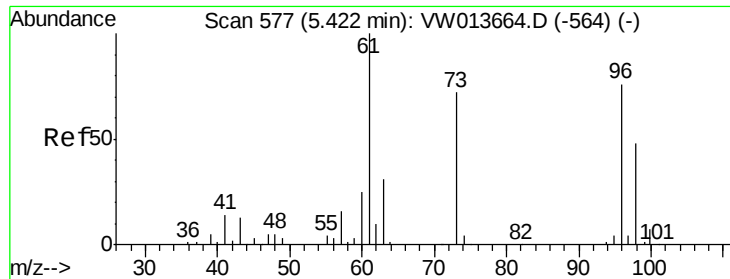
Tgt Ion: 73 Resp: 64169
Ion Ratio Lower Upper
73 100
57 23.2 17.6 26.4



#20
Methylene Chloride
Concen: 19.884 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 84 Resp: 55057
Ion Ratio Lower Upper
84 100
49 112.4 91.8 137.6
51 33.9 29.8 44.6
86 60.5 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 21.871 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

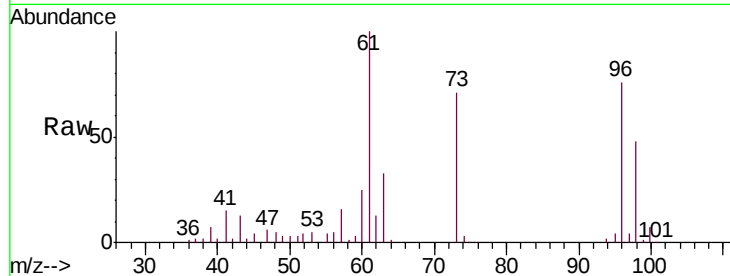
Tgt Ion: 96 Resp: 58398

Ion Ratio Lower Upper

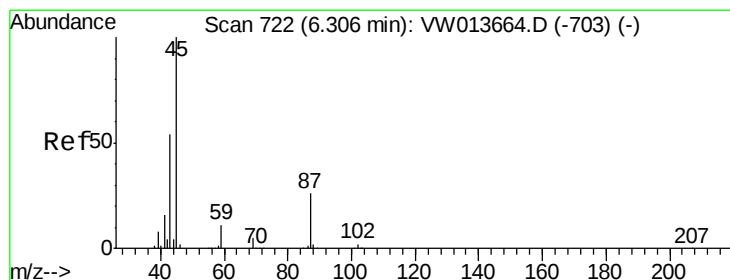
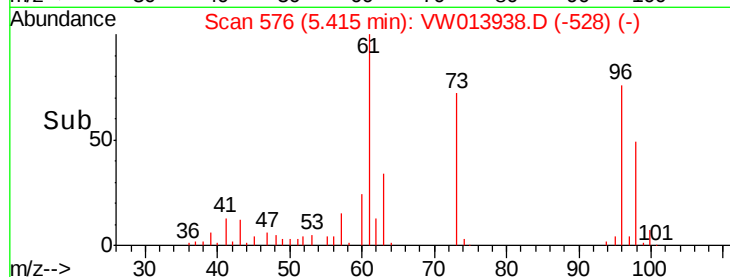
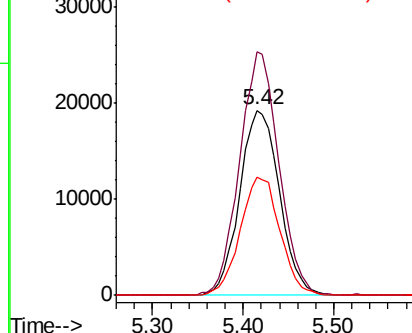
96 100

61 131.5 104.8 157.2

98 63.7 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: 20.584 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Tgt Ion: 45 Resp: 143228

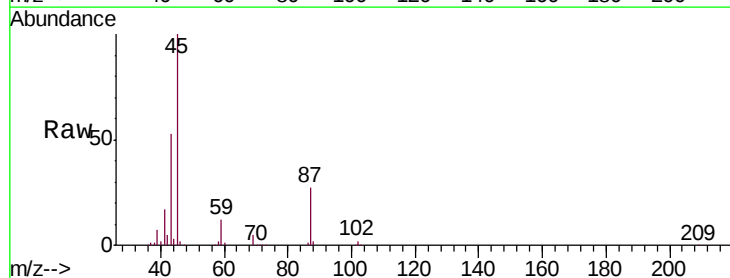
Ion Ratio Lower Upper

45 100

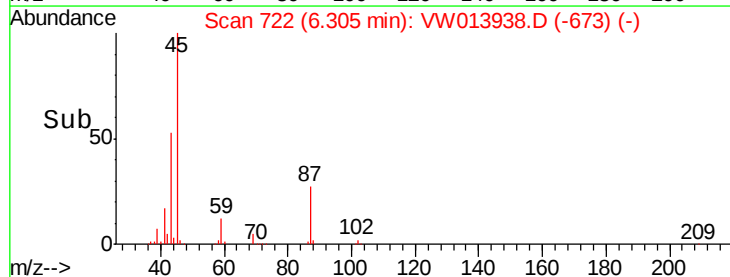
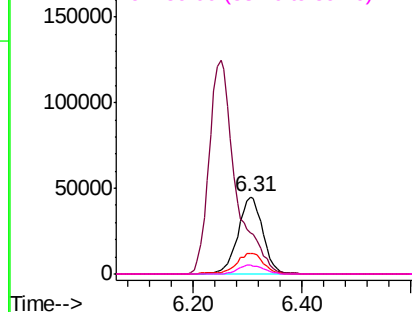
43 52.8 43.4 65.2

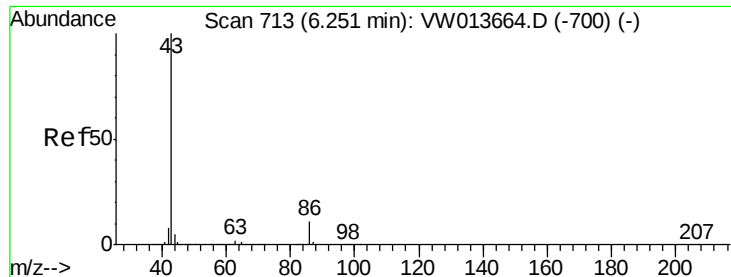
87 26.8 21.5 32.3

59 11.8 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

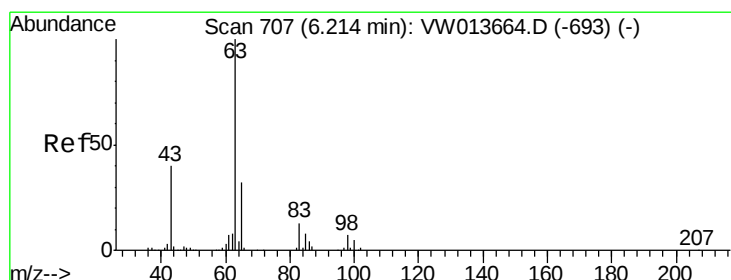
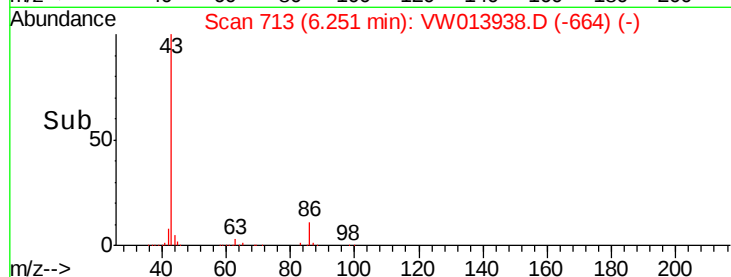
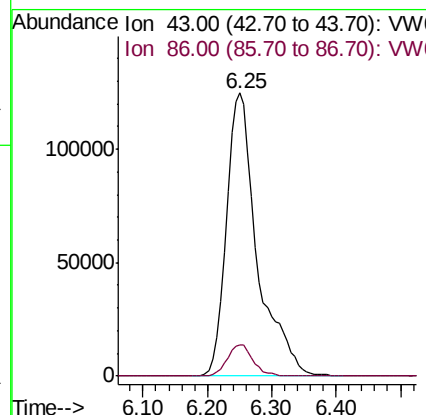
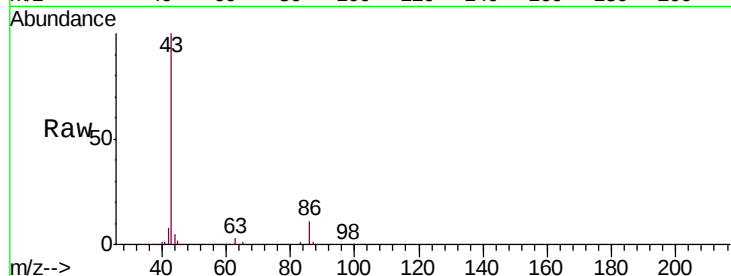




#23
 Vinyl Acetate
 Concen: 104.149 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

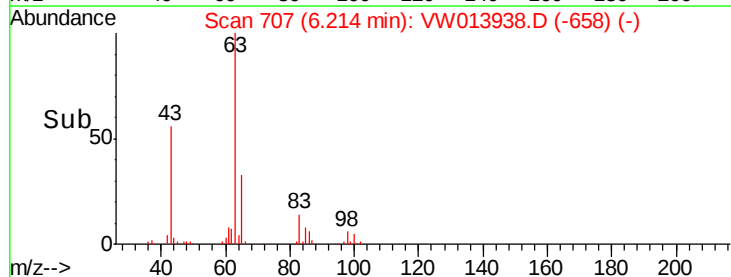
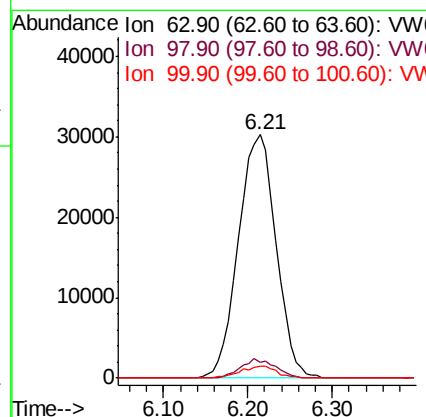
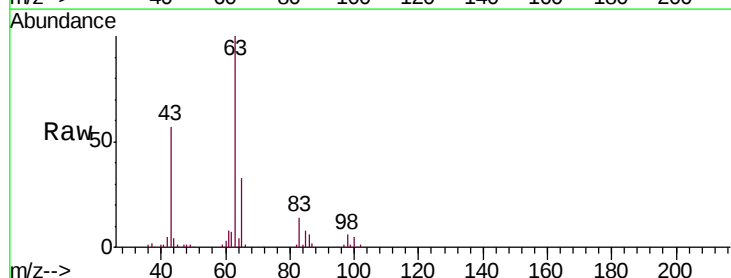
Instrument :
 MSVOA_W
 ClientSampled :
 VW1108SBS01

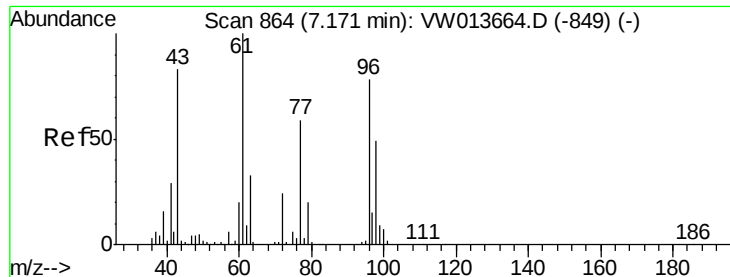
Tgt Ion: 43 Resp: 420502
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 20.804 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion: 63 Resp: 91682
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 115.432 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

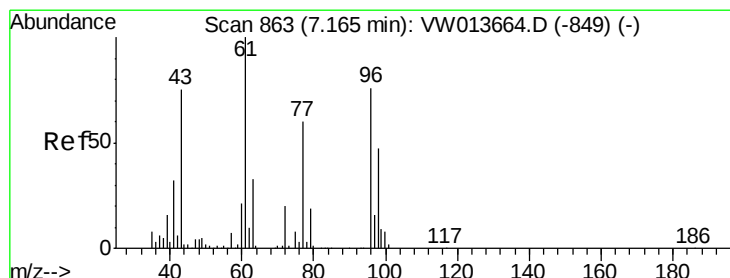
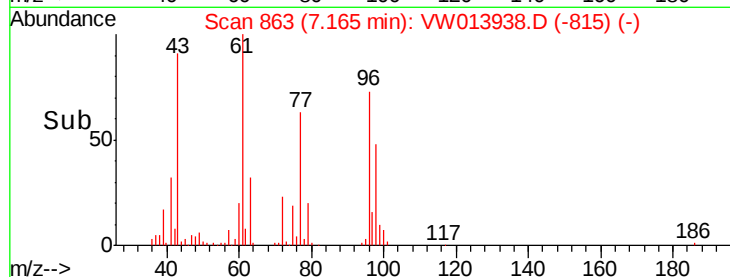
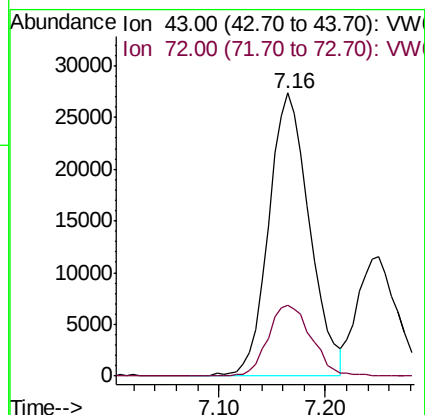
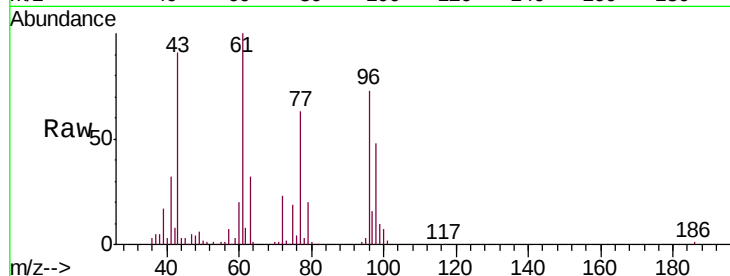
VW1108SBS01

Tgt Ion: 43 Resp: 73017

Ion Ratio Lower Upper

43 100

72 25.2 23.6 35.4



#26

2,2-Dichloropropane

Concen: 22.119 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013938.D

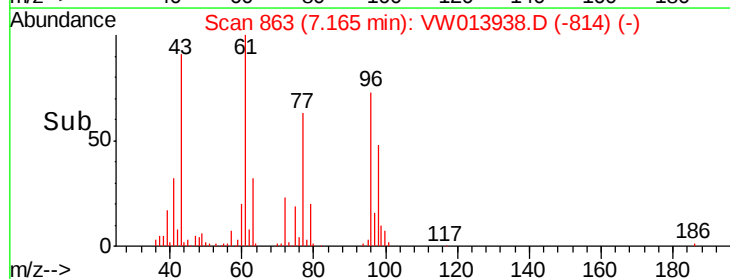
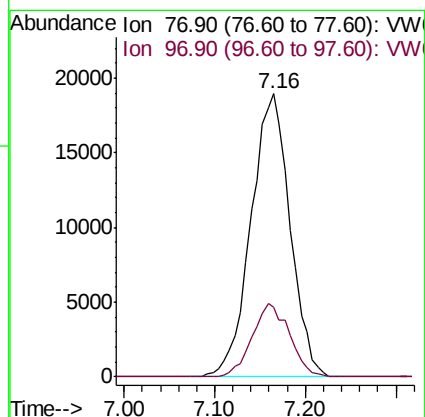
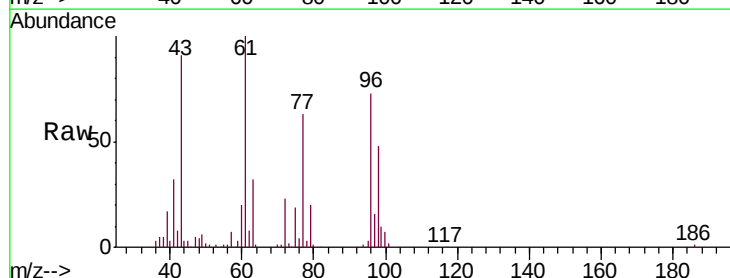
Acq: 08 Nov 2019 12:31

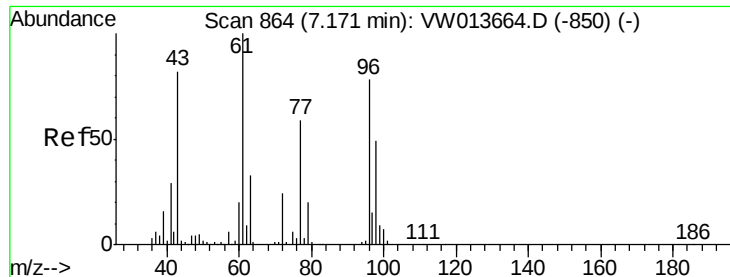
Tgt Ion: 77 Resp: 56367

Ion Ratio Lower Upper

77 100

97 24.7 12.8 38.4



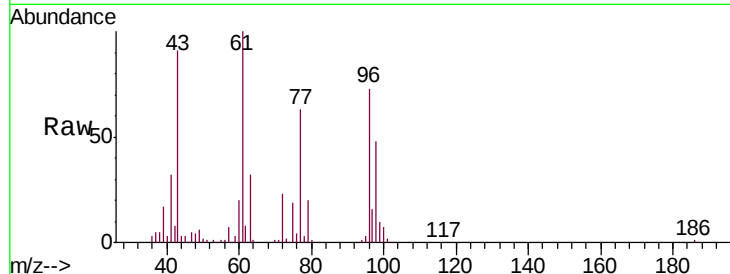


#27

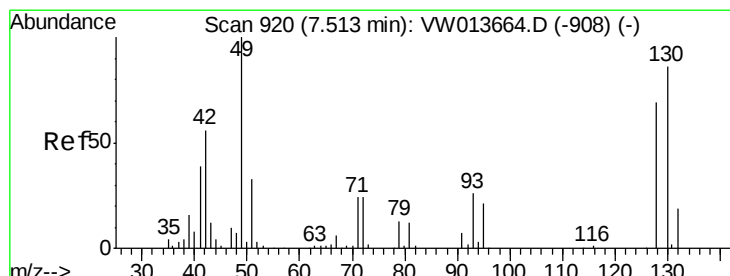
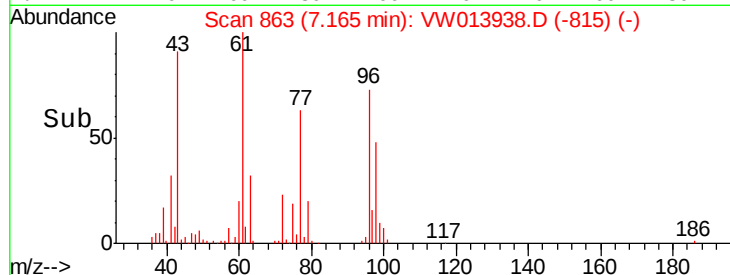
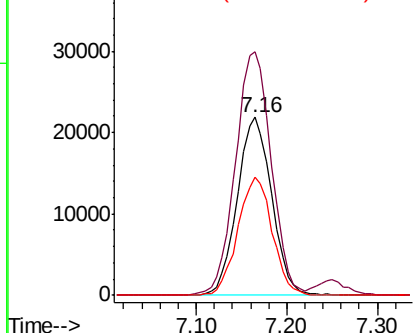
cis-1,2-Dichloroethene
Concen: 20.318 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tgt Ion: 96 Resp: 57624
Ion Ratio Lower Upper
96 100
61 141.9 0.0 266.0
98 66.4 0.0 126.8



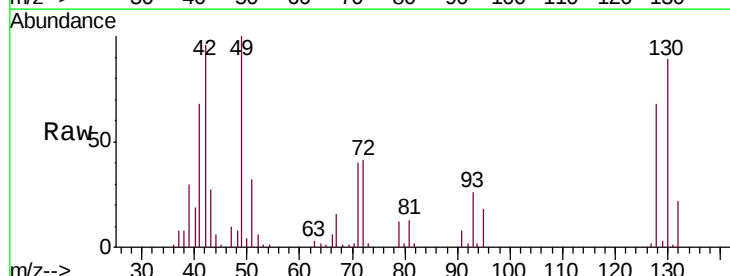
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



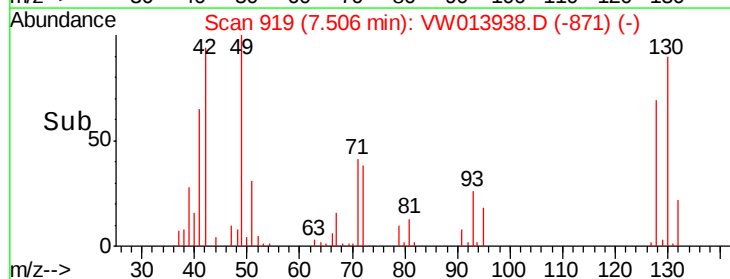
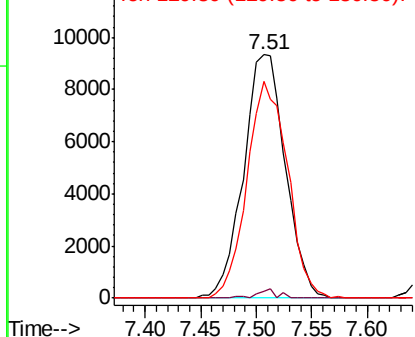
#28

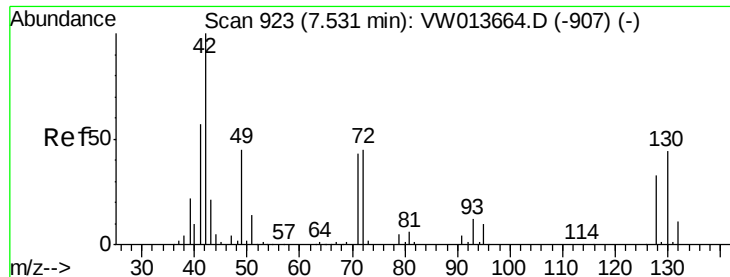
Bromochloromethane
Concen: 16.492 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 49 Resp: 24445
Ion Ratio Lower Upper
49 100
129 1.7 0.0 0.6#
130 86.2 67.5 101.3



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

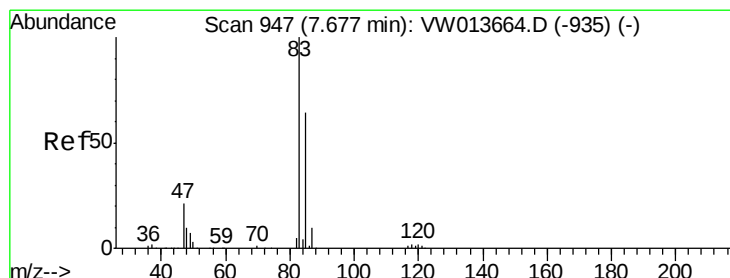
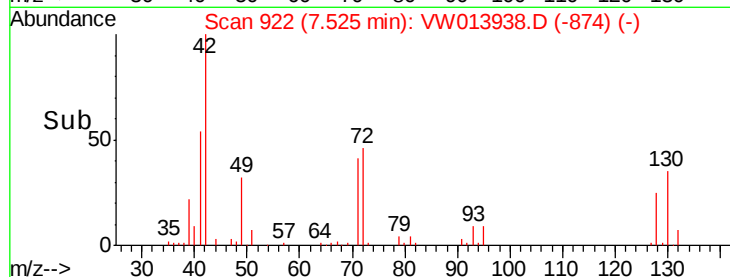
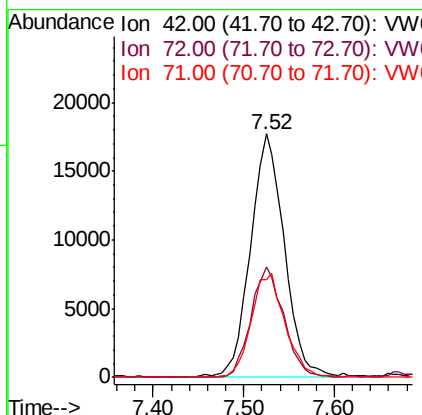
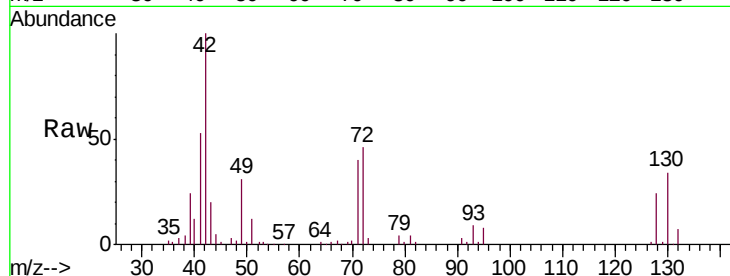




#29
Tetrahydrofuran
Concen: 116.833 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

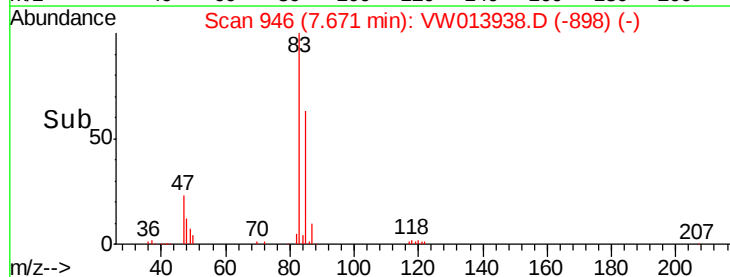
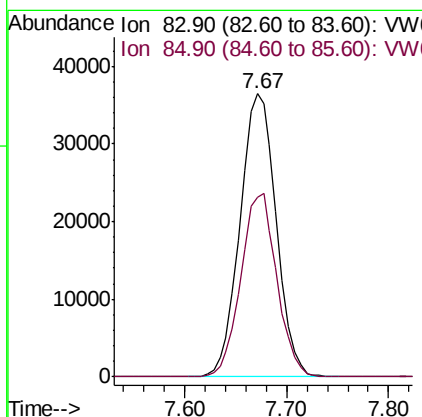
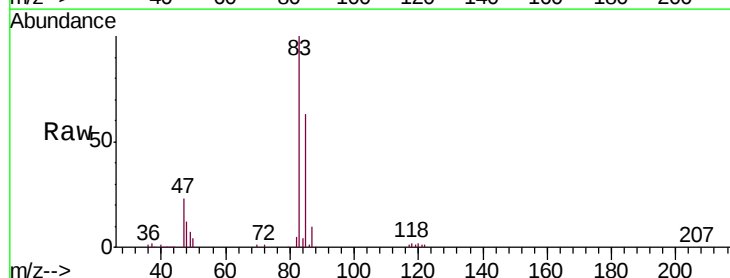
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

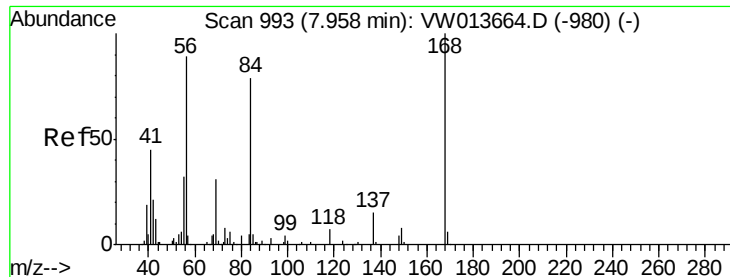
Tgt Ion: 42 Resp: 45754
Ion Ratio Lower Upper
42 100
72 43.7 35.3 52.9
71 42.5 33.3 49.9



#30
Chloroform
Concen: 20.625 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 83 Resp: 89852
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2

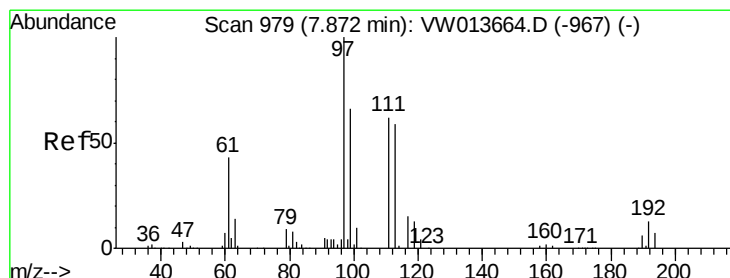
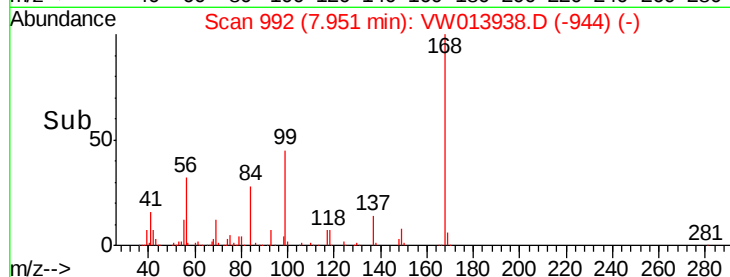
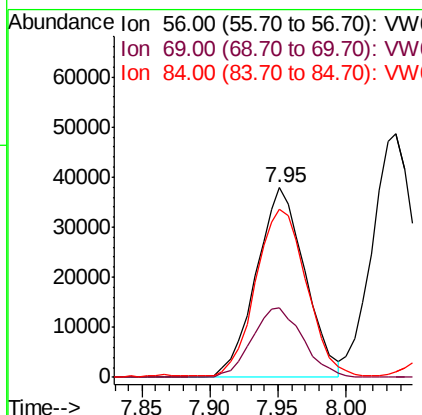
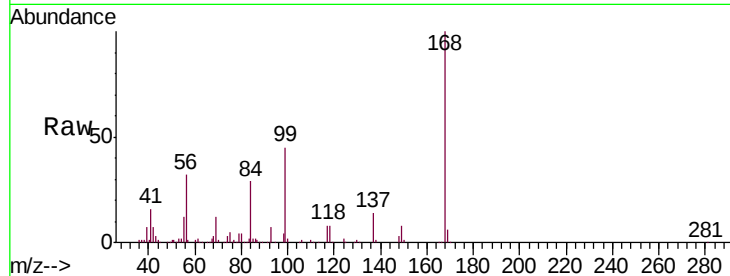




#31
Cyclohexane
Concen: 20.568 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

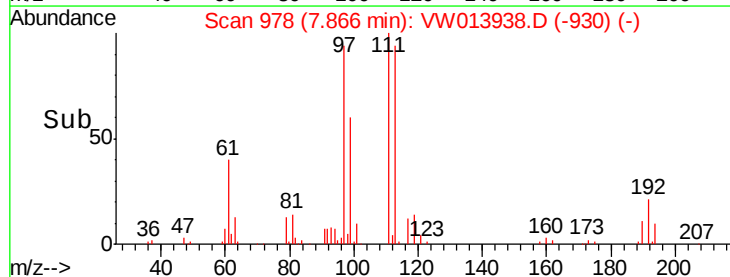
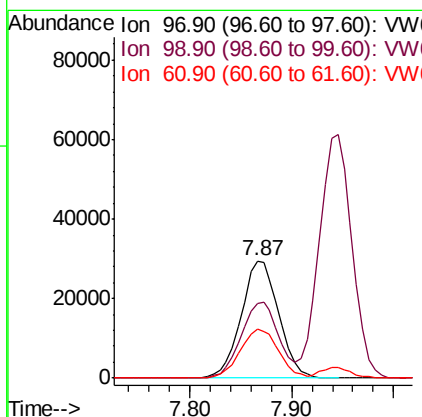
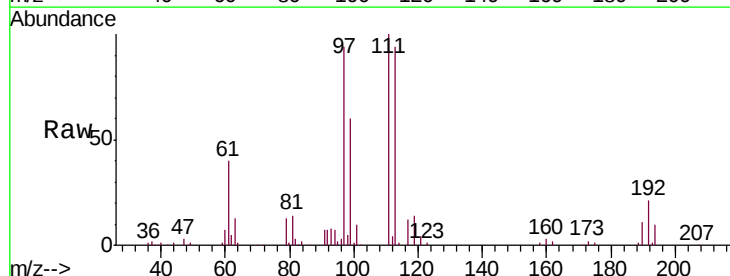
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

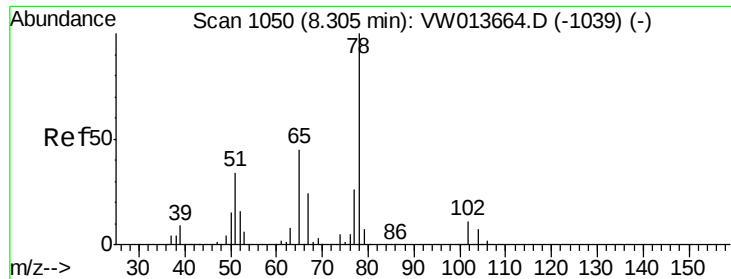
Tgt Ion: 56 Resp: 94855
Ion Ratio Lower Upper
56 100
69 36.9 27.5 41.3
84 87.7 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 21.924 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 97 Resp: 74951
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 42.9 33.8 50.6

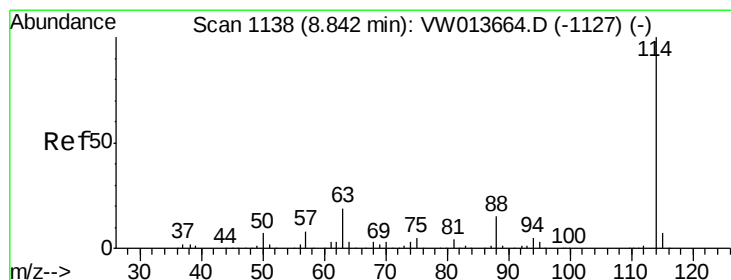
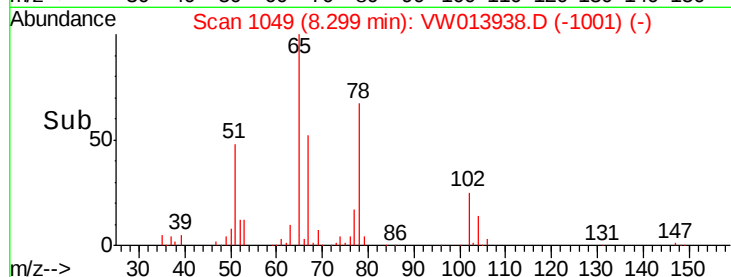
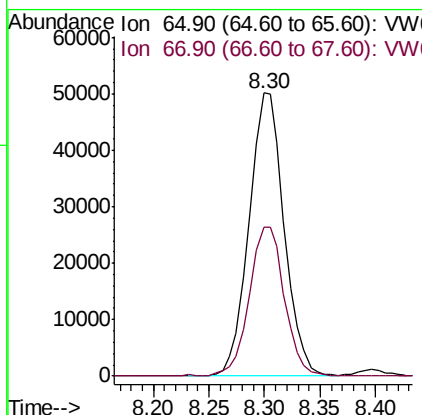
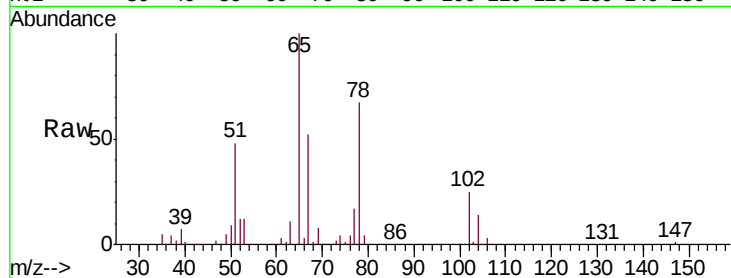




#33
 1,2-Dichloroethane-d4
 Concen: 53.080 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

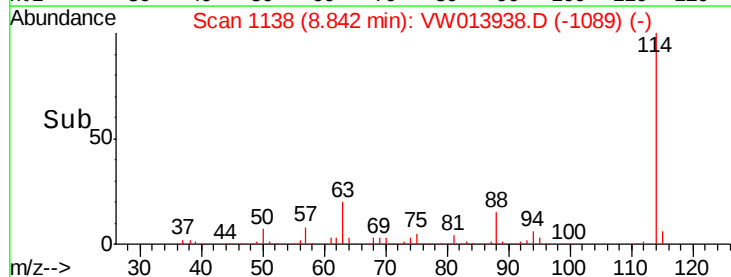
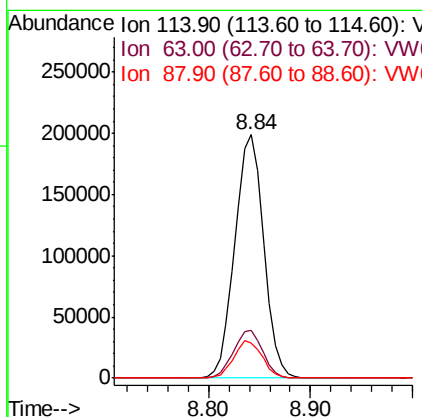
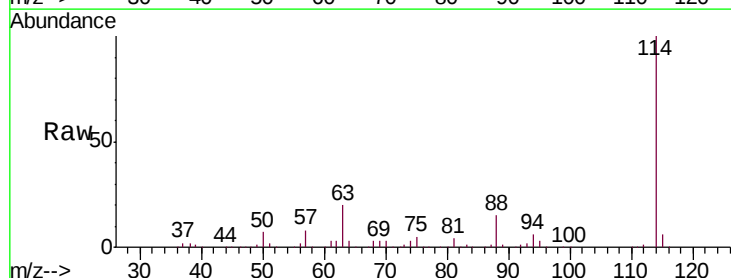
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

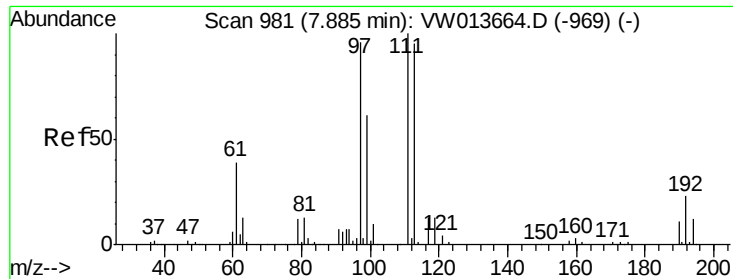
Tgt Ion: 65 Resp: 110145
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion: 114 Resp: 389494
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.6
 88 14.6 0.0 30.2

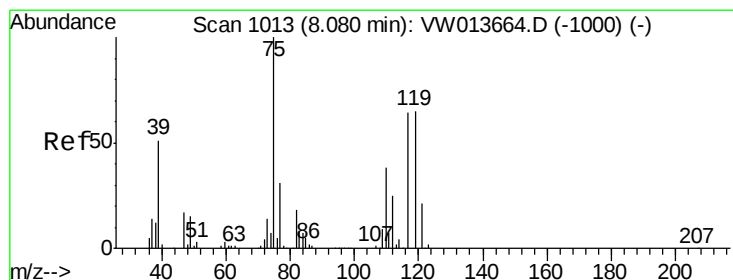
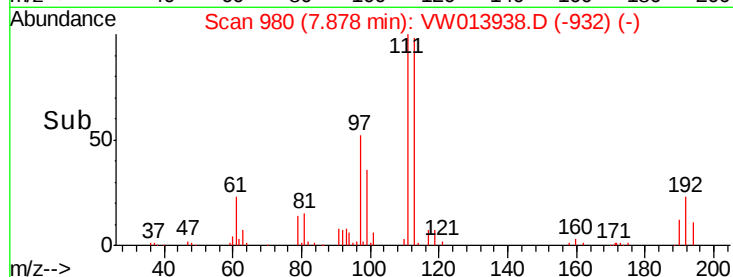
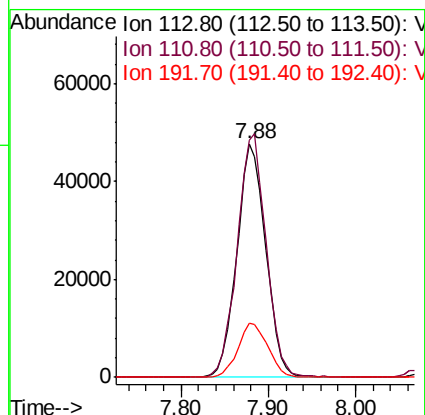
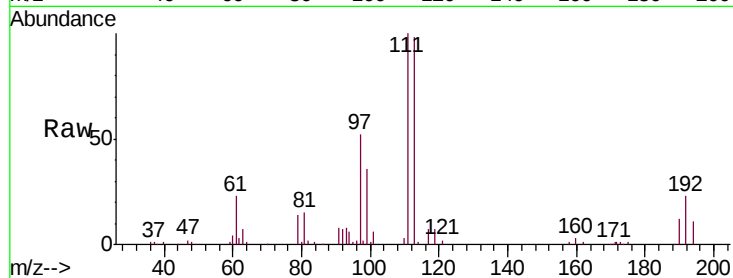




#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

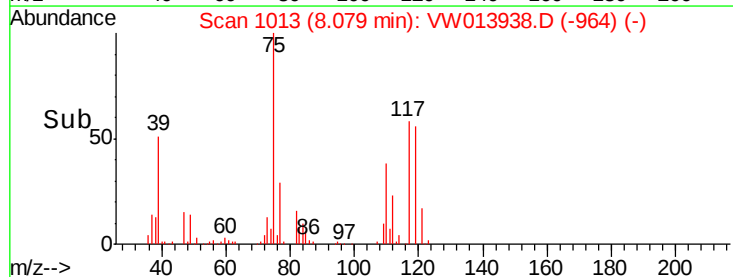
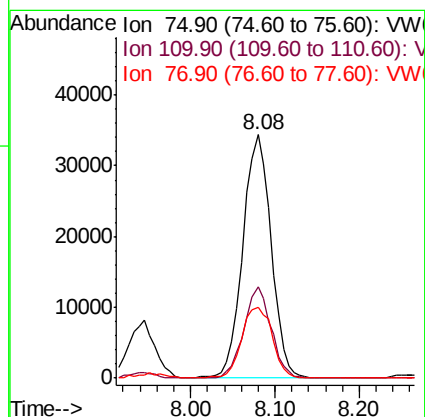
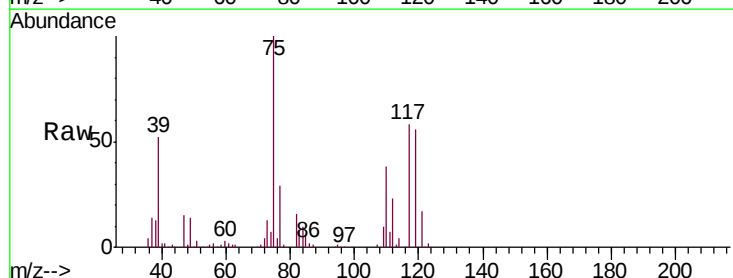
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

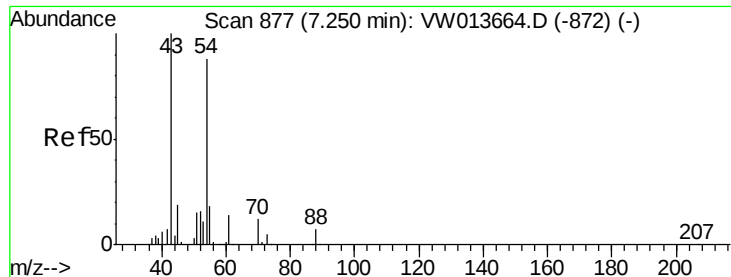
Tgt Ion:113 Resp: 109641
Ion Ratio Lower Upper
113 100
111 104.5 83.0 124.6
192 23.9 19.4 29.2



#36
1,1-Dichloropropene
Concen: 21.421 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 75 Resp: 77701
Ion Ratio Lower Upper
75 100
110 36.0 18.7 56.1
77 31.6 25.4 38.0

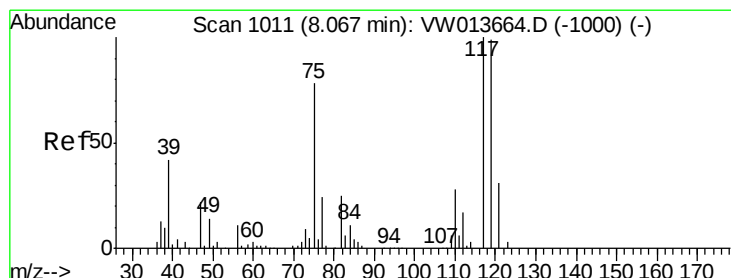
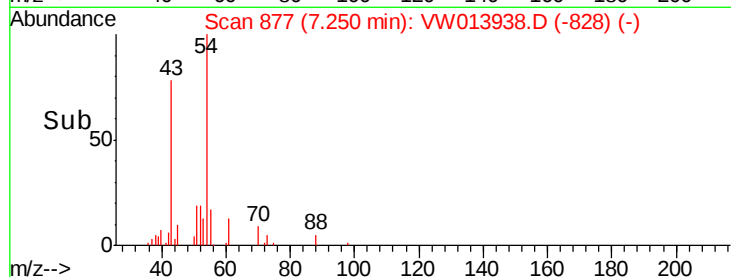
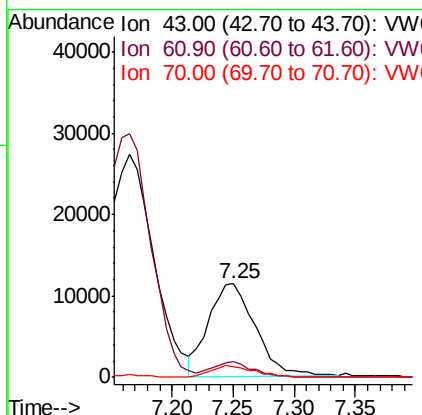
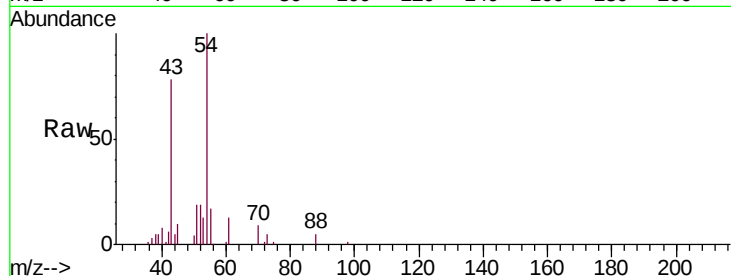




#37
Ethyl Acetate
Concen: 21.754 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

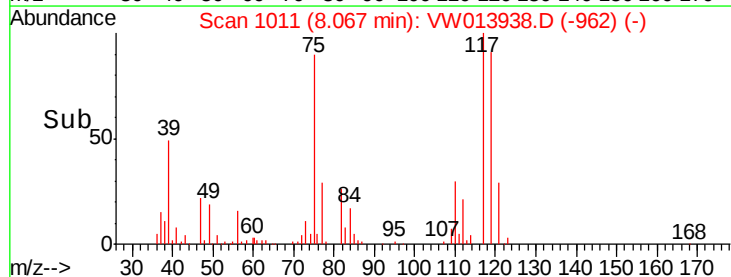
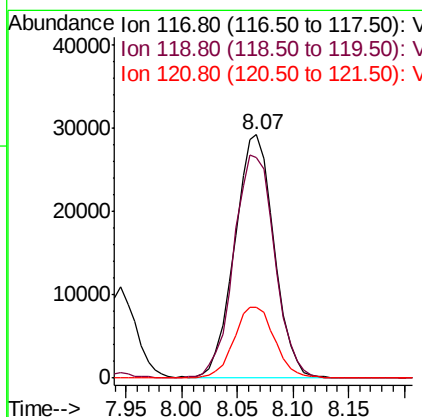
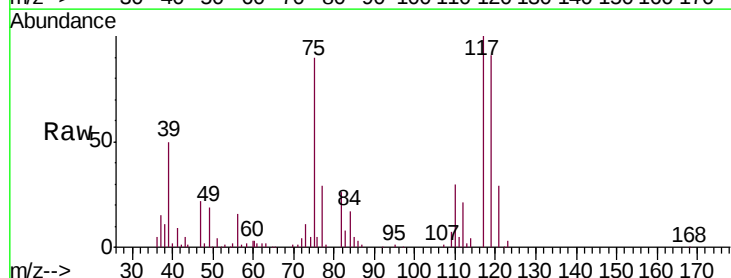
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

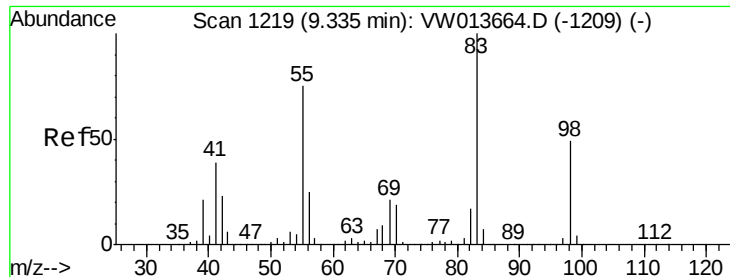
Tgt Ion: 43 Resp: 30207
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 12.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.984 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 117 Resp: 71809
Ion Ratio Lower Upper
117 100
119 90.8 79.0 118.4
121 29.0 24.5 36.7

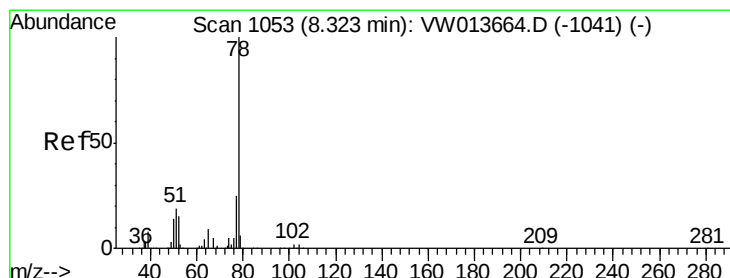
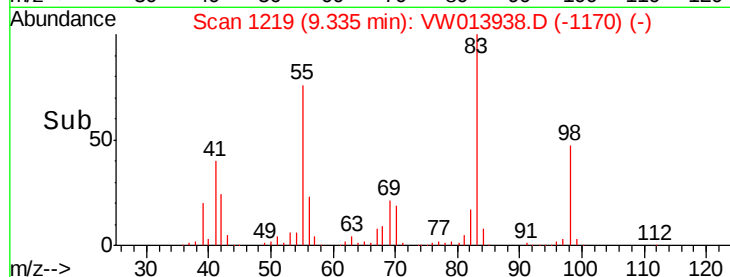
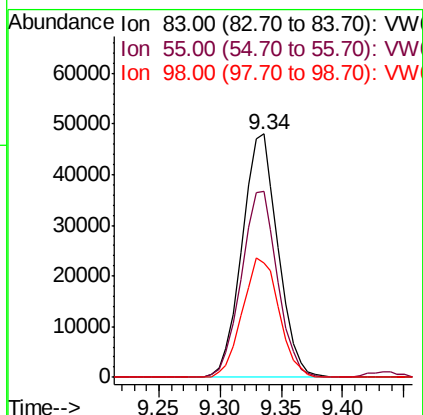
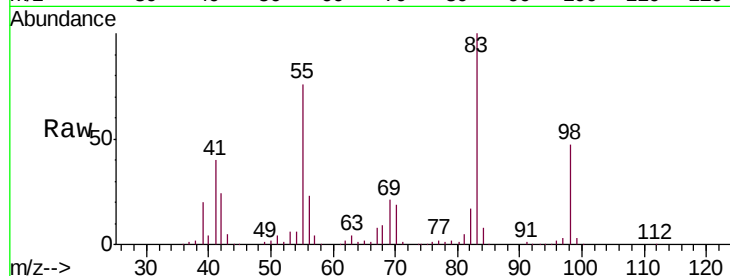




#39
Methylcyclohexane
Concen: 20.881 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

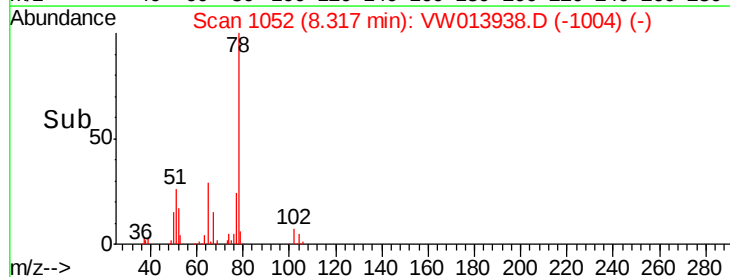
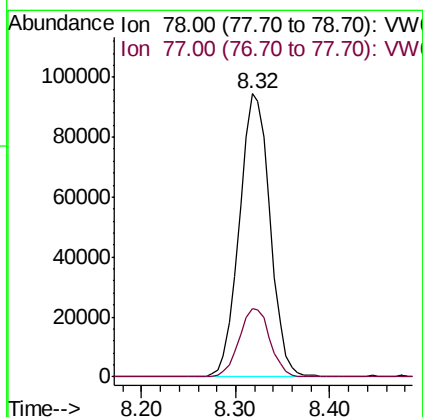
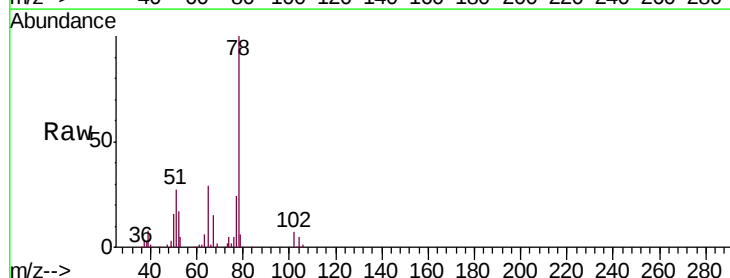
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

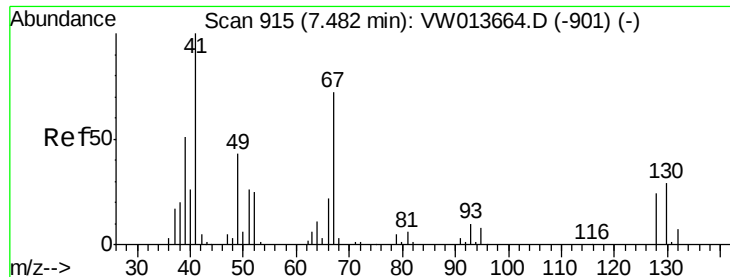
Tgt Ion: 83 Resp: 97814
Ion Ratio Lower Upper
83 100
55 76.2 59.9 89.9
98 46.9 39.4 59.2



#40
Benzene
Concen: 20.994 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 78 Resp: 215517
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4

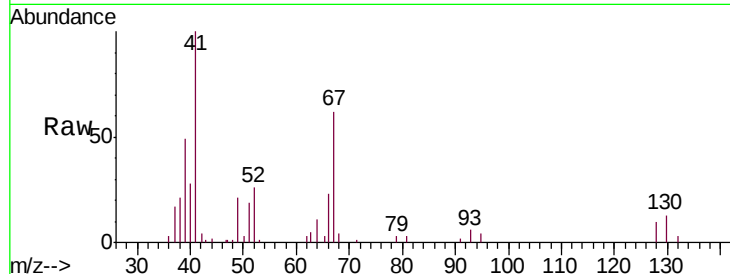




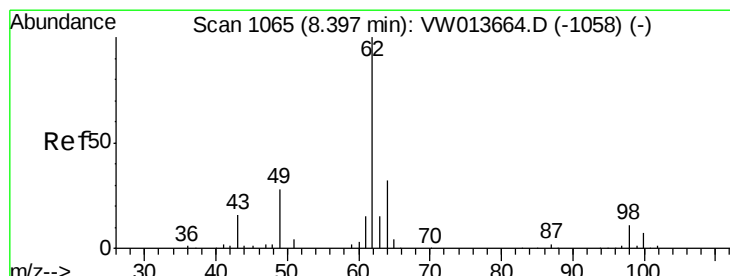
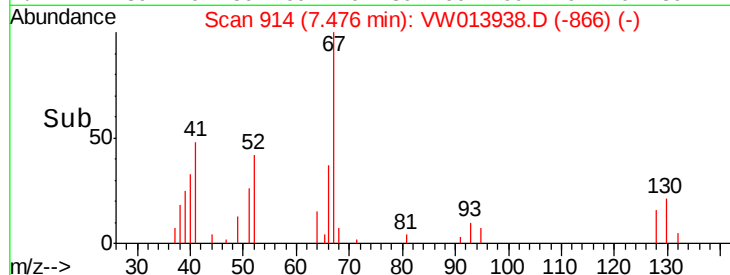
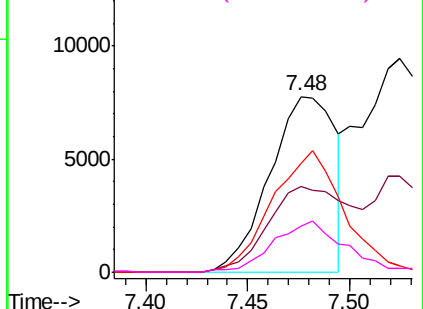
#41
Methacrylonitrile
Concen: 20.125 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Instrument :
MSVOA_W
ClientSampled :
VW1108SBS01

Tgt Ion:	41	Resp:	17426
Ion	Ratio	Lower	Upper
41	100		
39	62.3	44.8	67.2
67	75.8	59.3	88.9
52	32.1	23.4	35.0

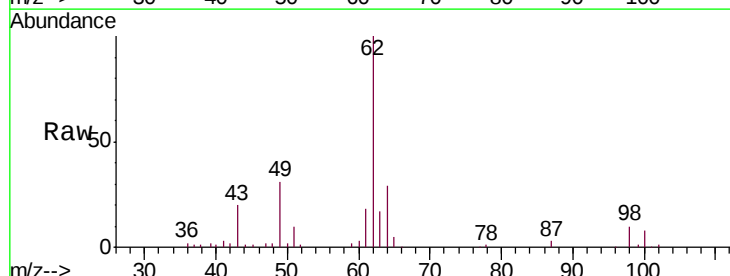


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

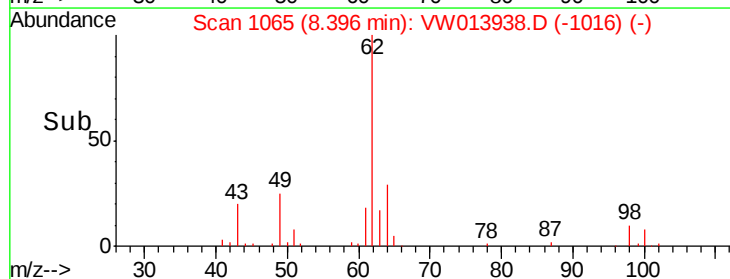
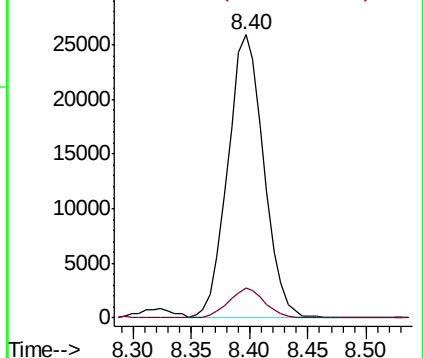


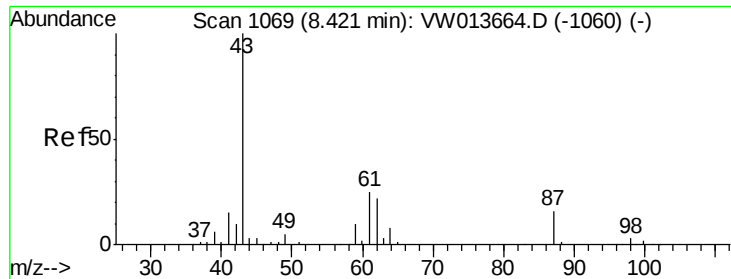
#42
1,2-Dichloroethane
Concen: 21.475 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion:	62	Resp:	55554
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.4



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

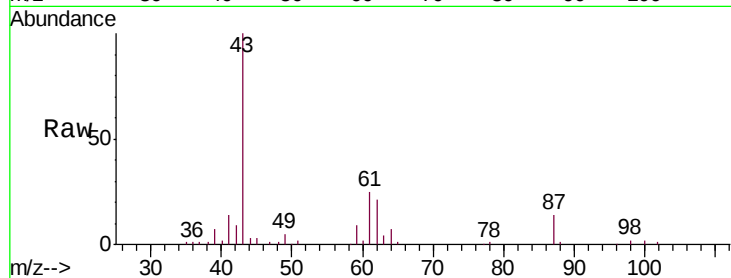




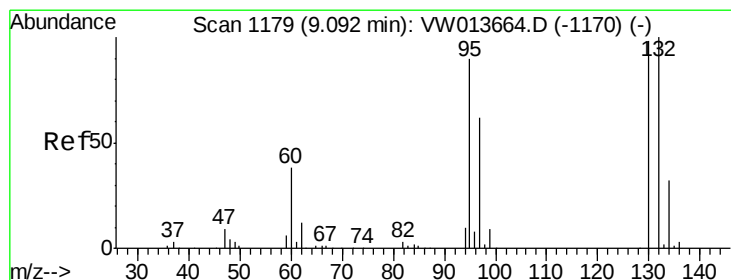
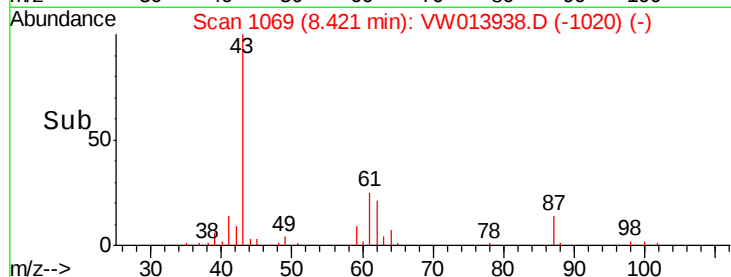
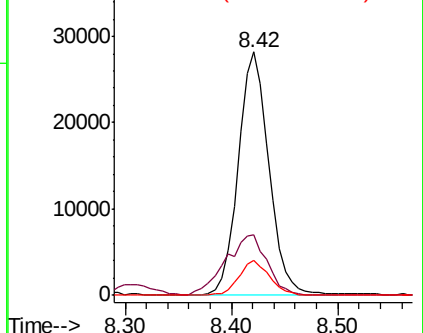
#43
Isopropyl Acetate
Concen: 21.527 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tgt Ion: 43 Resp: 57218
Ion Ratio Lower Upper
43 100
61 33.2 26.1 39.1
87 14.4 11.4 17.0

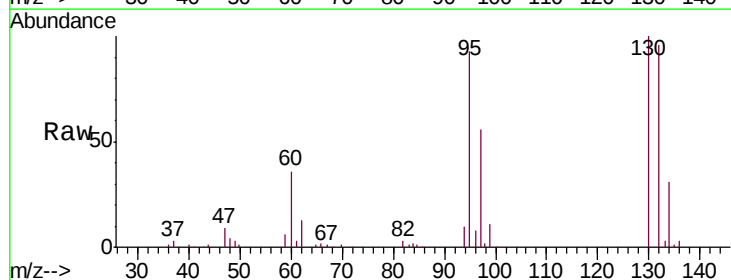


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

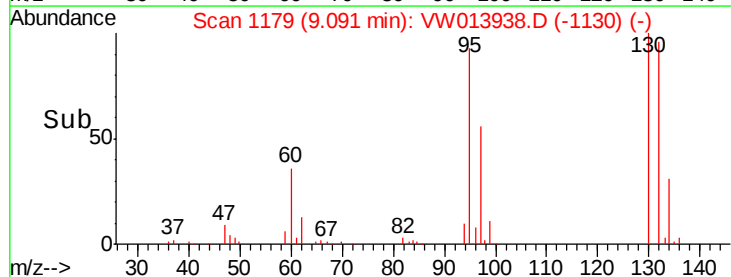
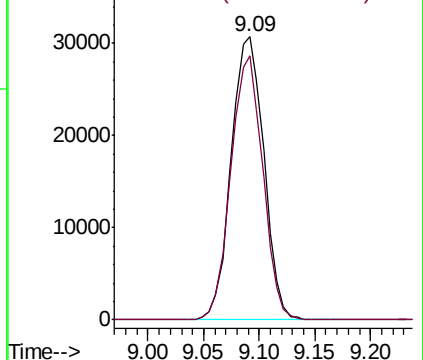


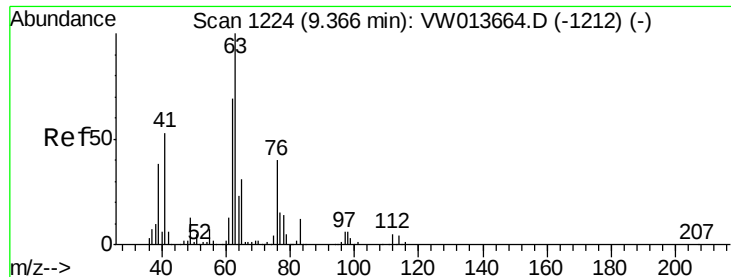
#44
Trichloroethene
Concen: 21.268 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 130 Resp: 62539
Ion Ratio Lower Upper
130 100
95 93.5 0.0 184.6



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





#45

1,2-Dichloropropane

Concen: 20.045 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

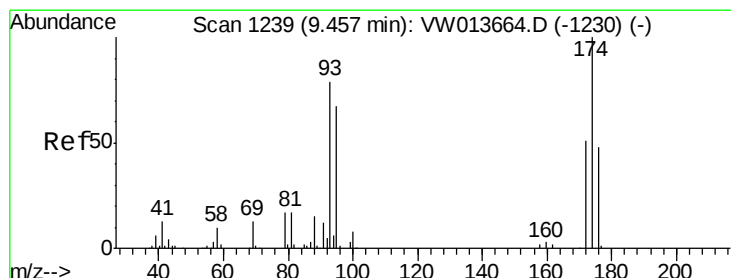
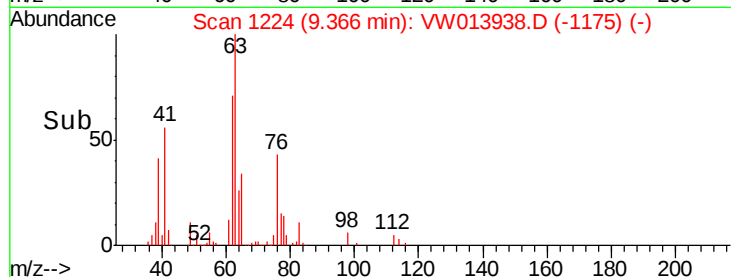
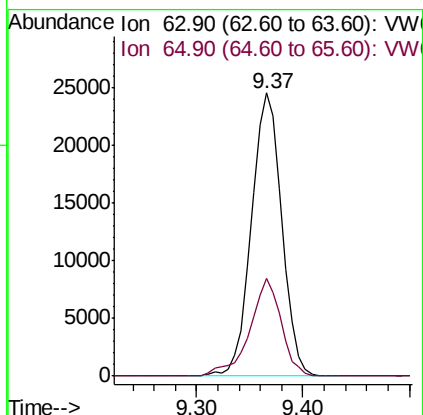
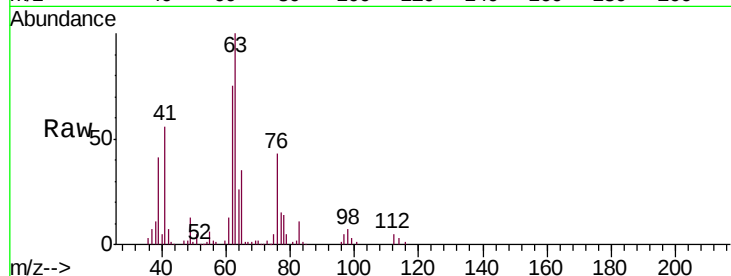
VW1108SBS01

Tgt Ion: 63 Resp: 49151

Ion Ratio Lower Upper

63 100

65 34.6 25.2 37.8



#46

Dibromomethane

Concen: 21.492 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

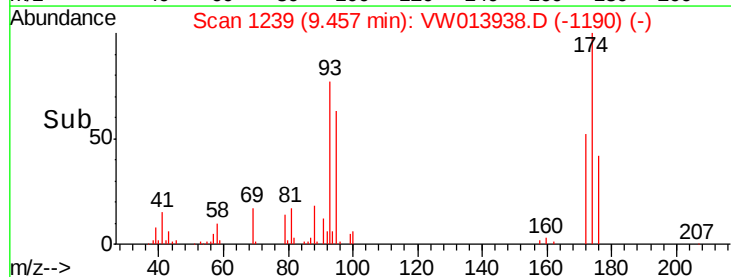
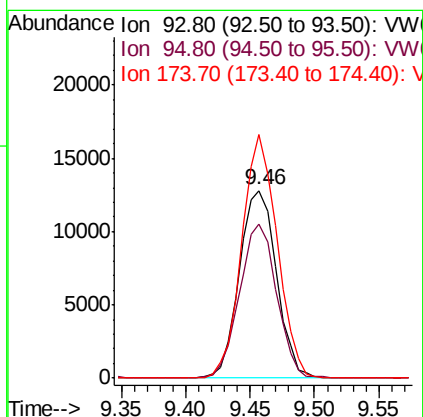
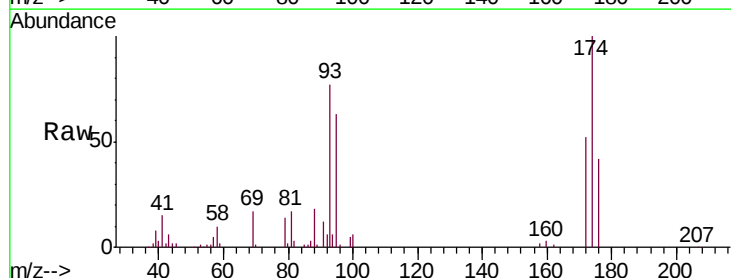
Tgt Ion: 93 Resp: 25577

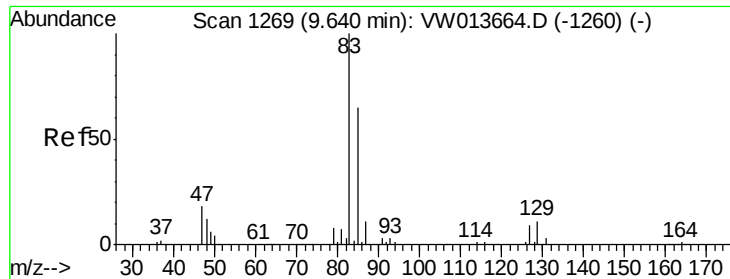
Ion Ratio Lower Upper

93 100

95 81.8 66.5 99.7

174 122.8 99.6 149.4





#47

Bromodichloromethane

Concen: 20.647 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

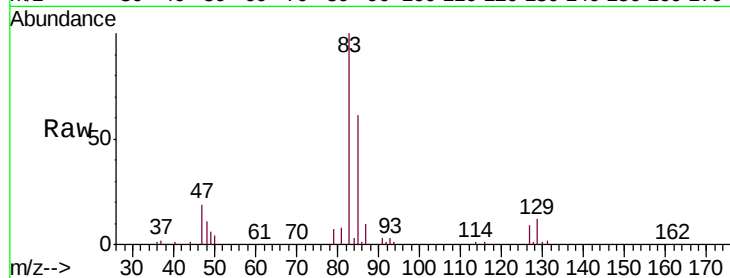
Tgt Ion: 83 Resp: 63577

Ion Ratio Lower Upper

83 100

85 61.3 51.8 77.6

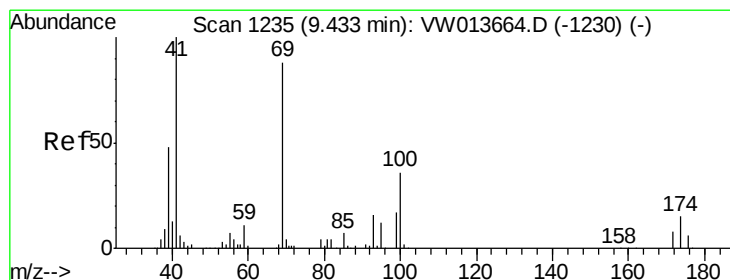
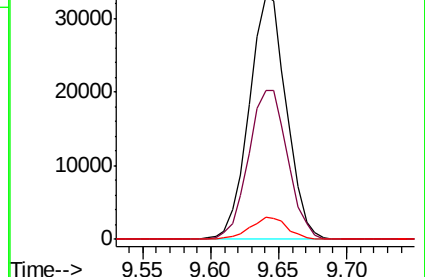
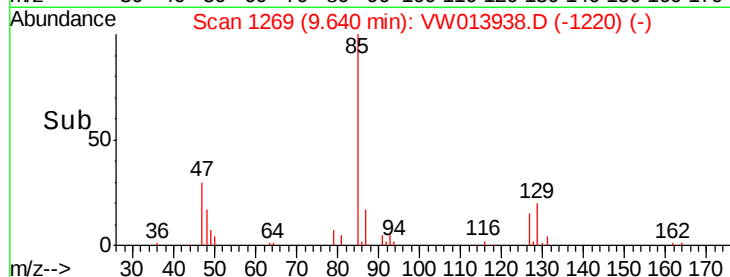
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 21.646 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

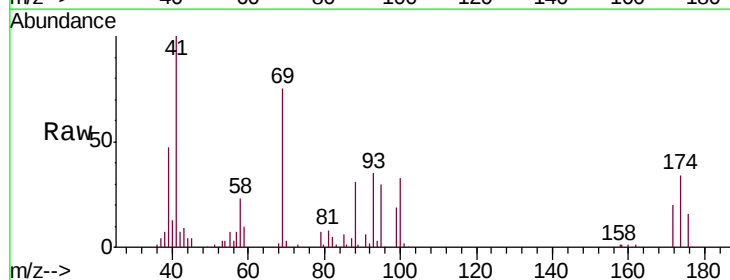
Tgt Ion: 41 Resp: 28530

Ion Ratio Lower Upper

41 100

69 85.1 67.6 101.4

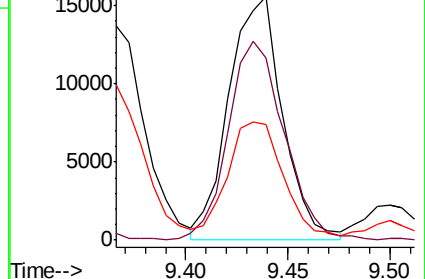
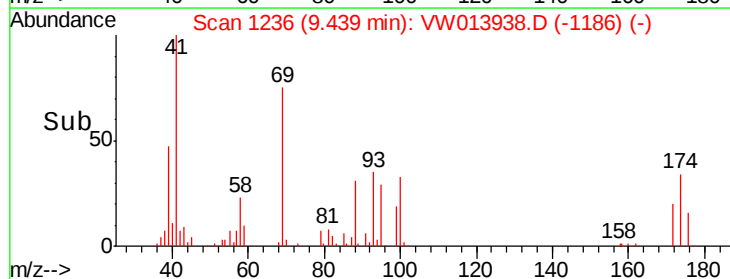
39 47.3 38.6 58.0

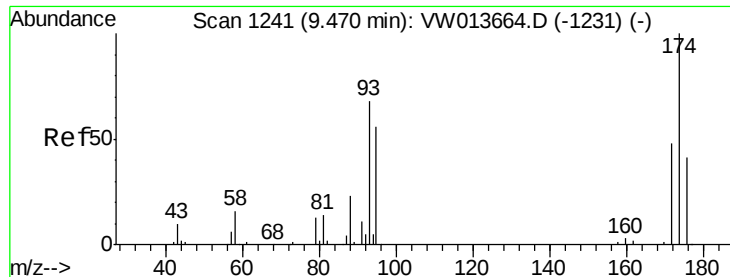


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

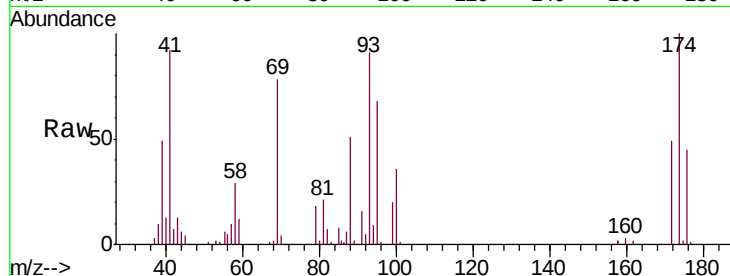




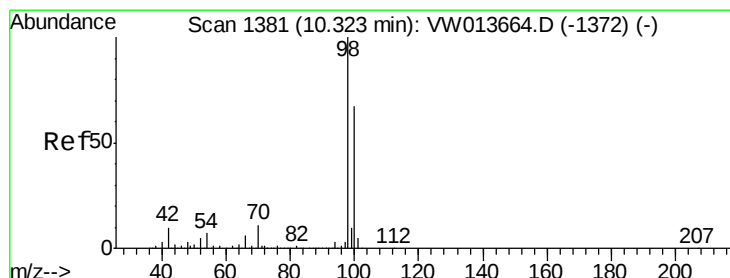
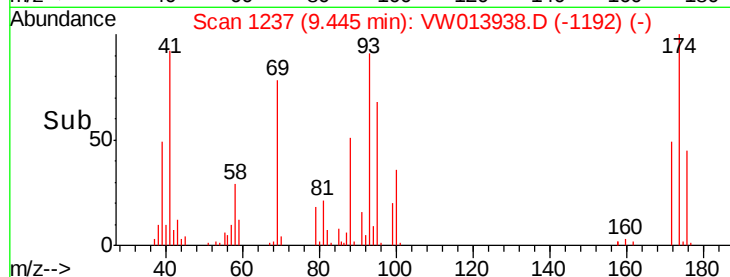
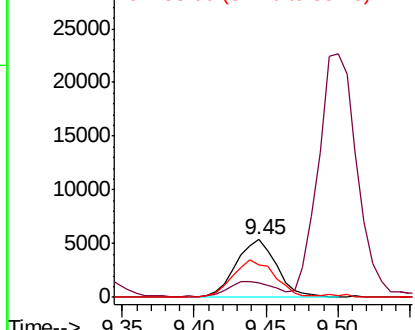
#49
1,4-Dioxane
Concen: 601.274 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tgt Ion: 88 Resp: 10574
Ion Ratio Lower Upper
88 100
43 32.4 0.0 0.0#
58 67.7 58.9 88.3

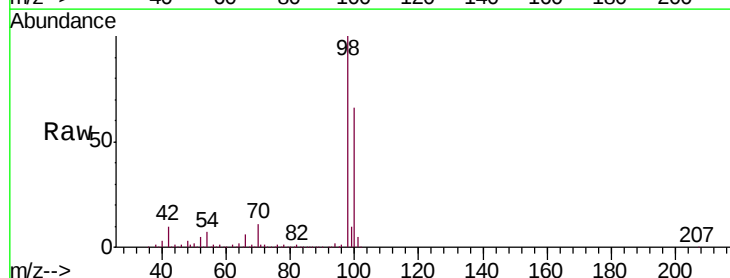


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

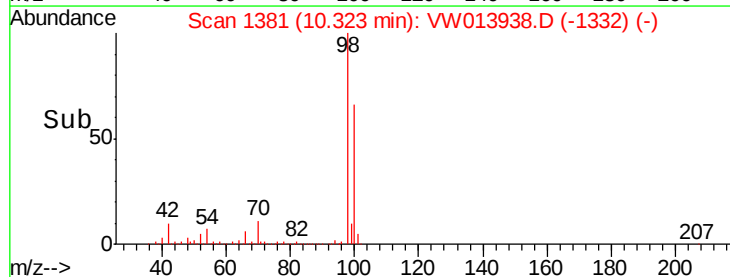
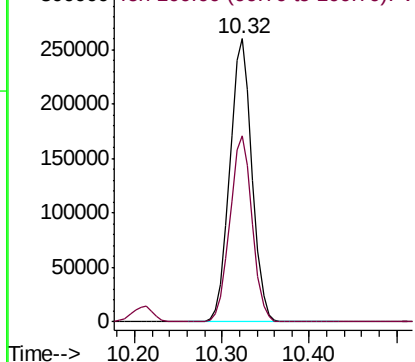


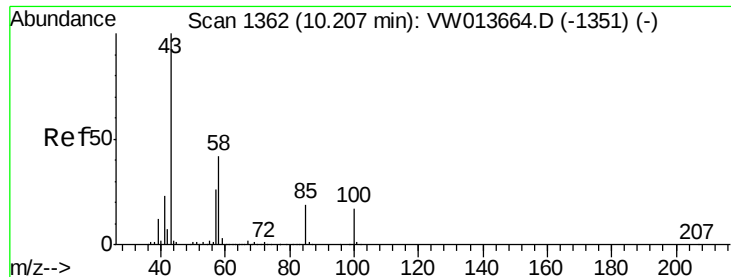
#50
Toluene-d8
Concen: 51.931 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 98 Resp: 457968
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



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

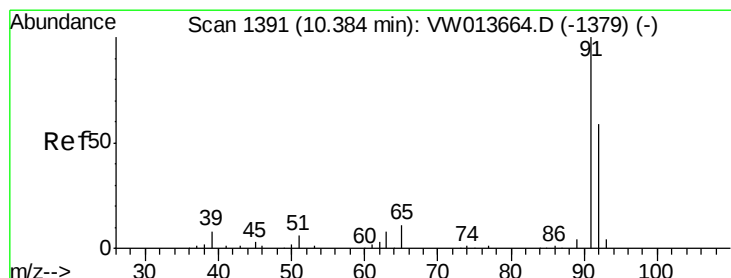
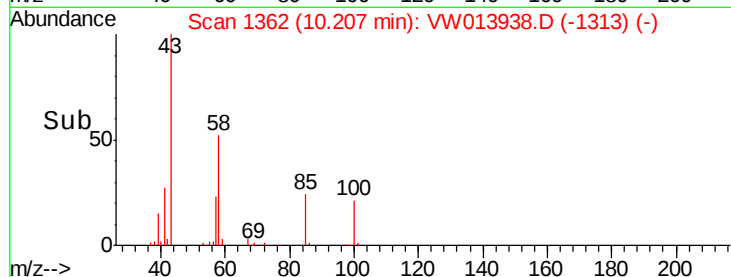
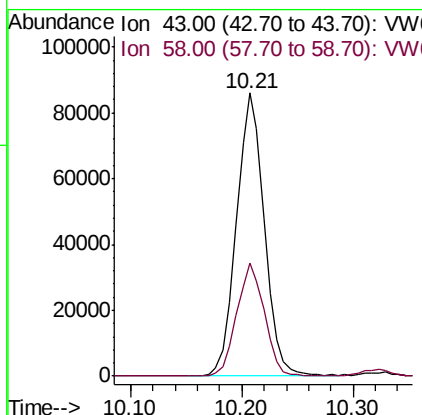
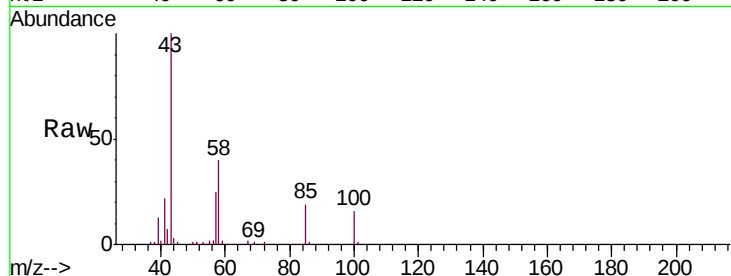




#51
 4-Methyl-2-Pentanone
 Concen: 112.361 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

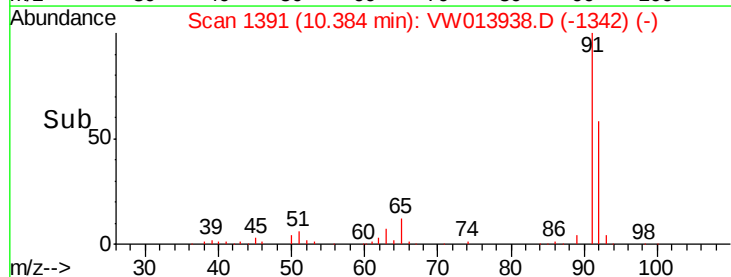
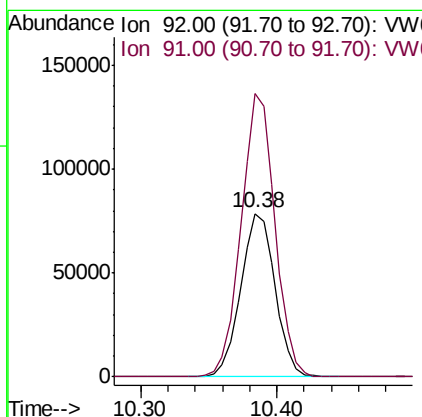
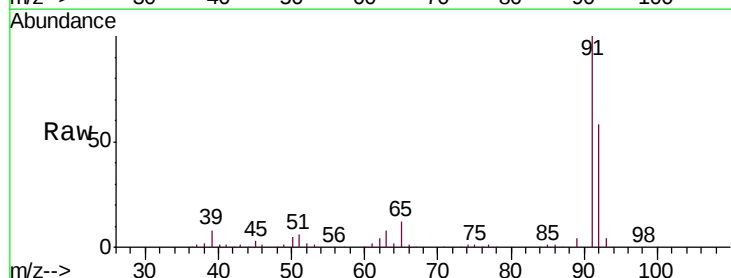
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

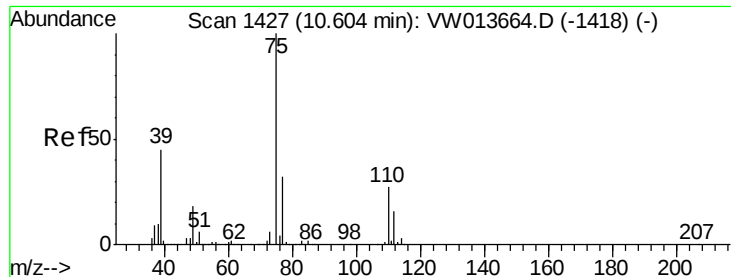
Tgt Ion: 43 Resp: 148401
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.6 49.0



#52
 Toluene
 Concen: 20.964 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion: 92 Resp: 138816
 Ion Ratio Lower Upper
 92 100
 91 170.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 20.813 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

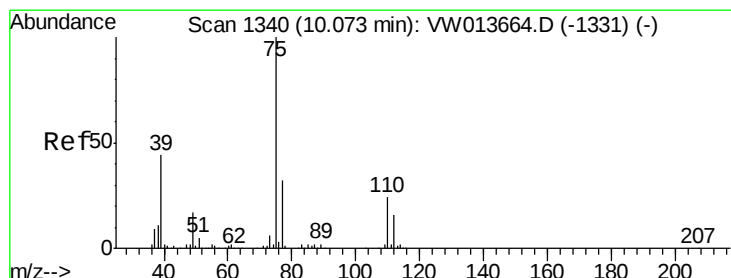
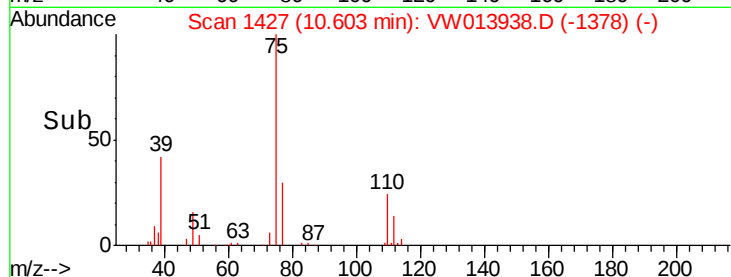
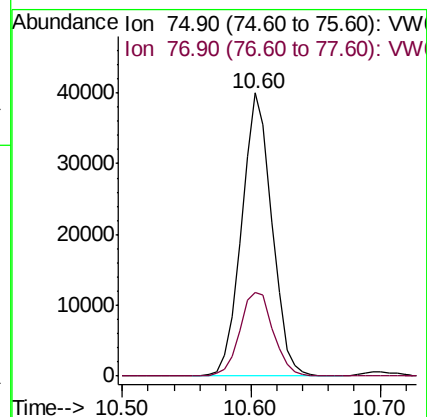
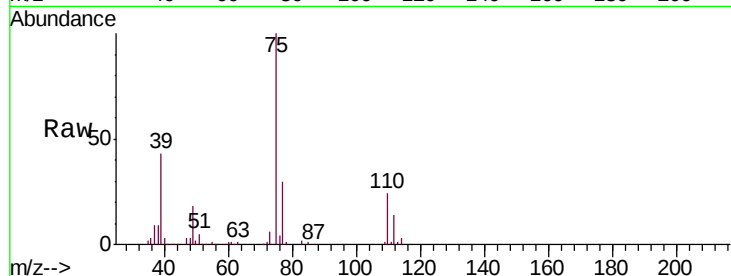
VW1108SBS01

Tgt Ion: 75 Resp: 64879

Ion Ratio Lower Upper

75 100

77 29.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.271 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

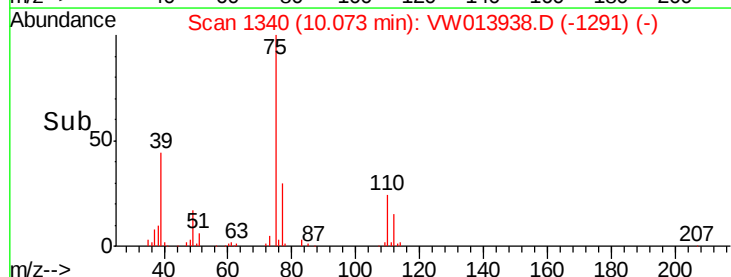
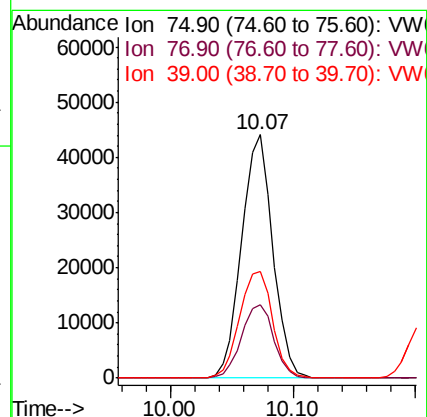
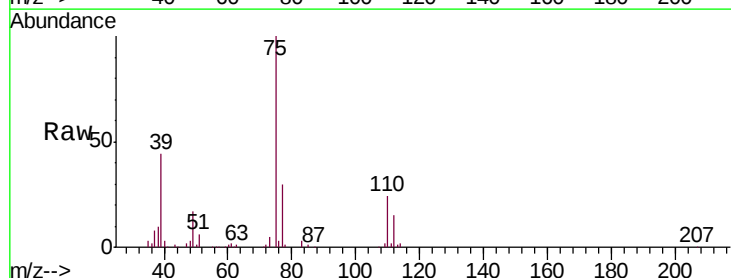
Tgt Ion: 75 Resp: 77962

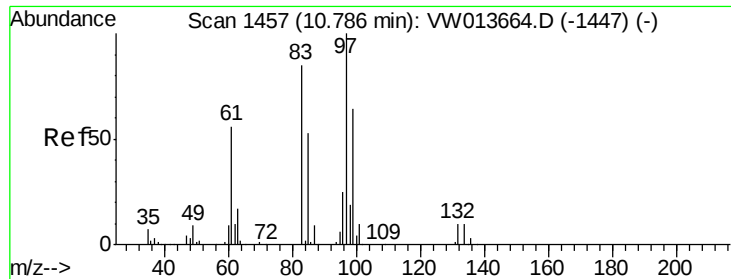
Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.6

39 43.8 35.3 52.9

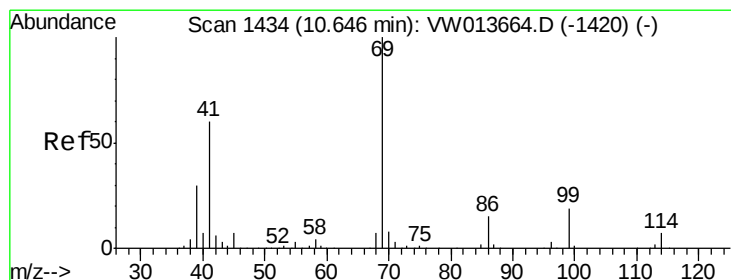
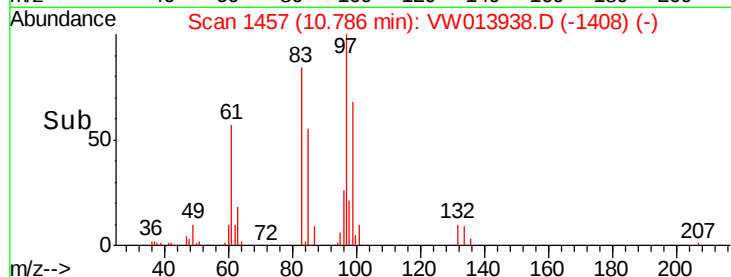
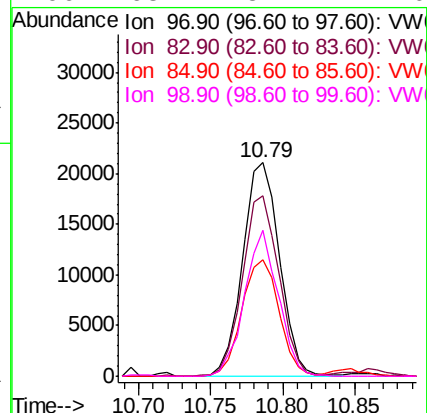
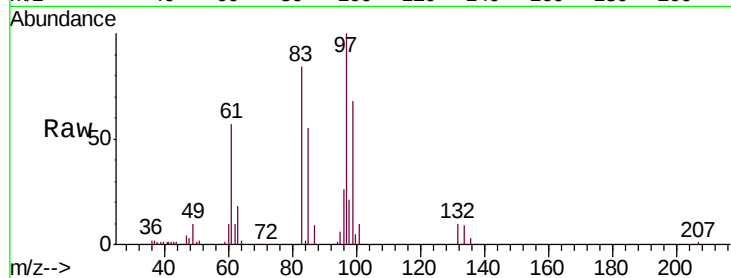




#55
 1,1,2-Trichloroethane
 Concen: 21.177 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

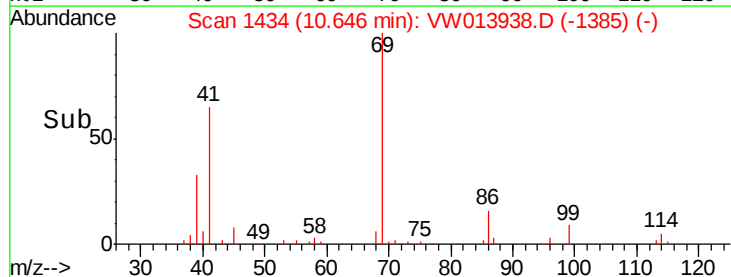
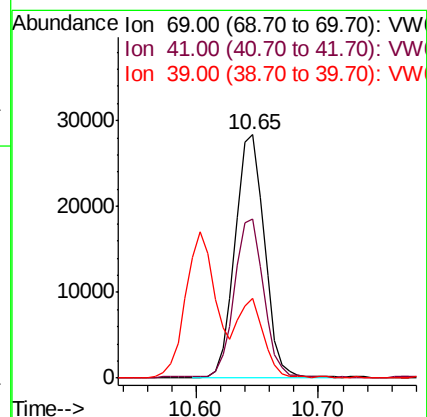
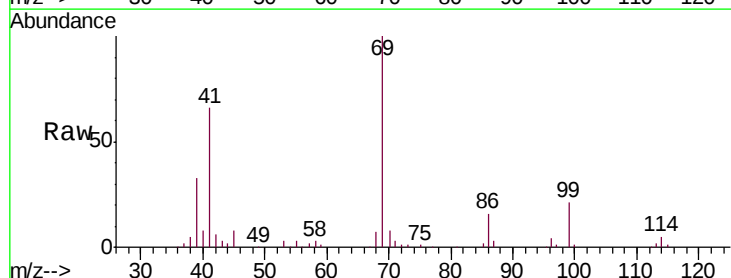
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

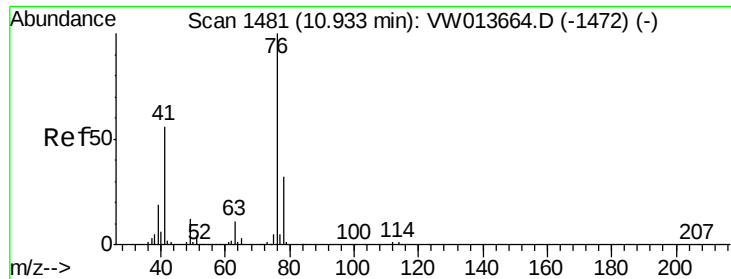
Tgt Ion:	97	Resp:	37560
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.8	101.8
85	54.8	42.1	63.1
99	68.4	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 21.324 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion:	69	Resp:	47320
Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.6	77.4
39	28.0	22.4	33.6

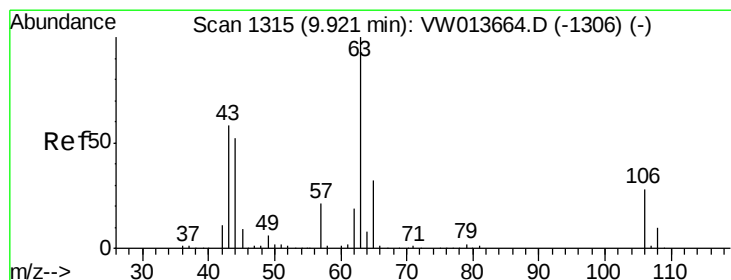
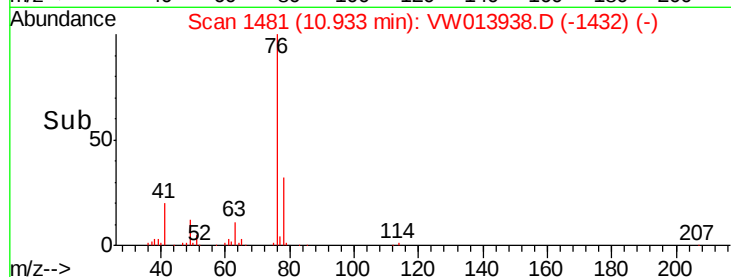
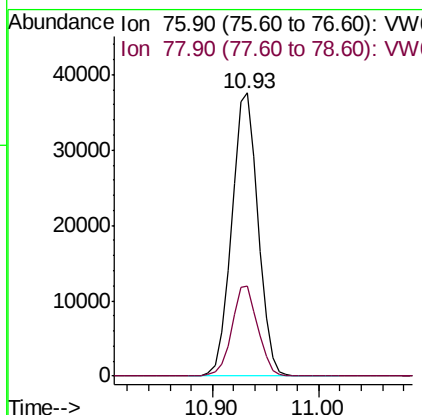
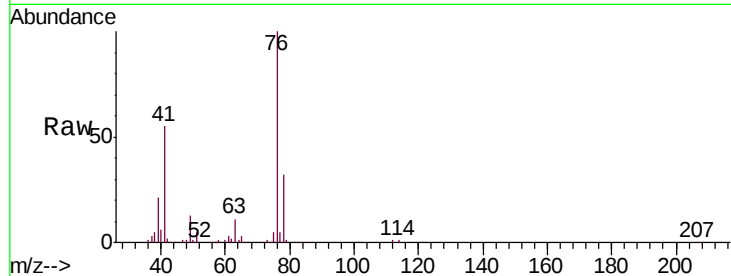




#57
 1,3-Dichloropropane
 Concen: 21.473 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

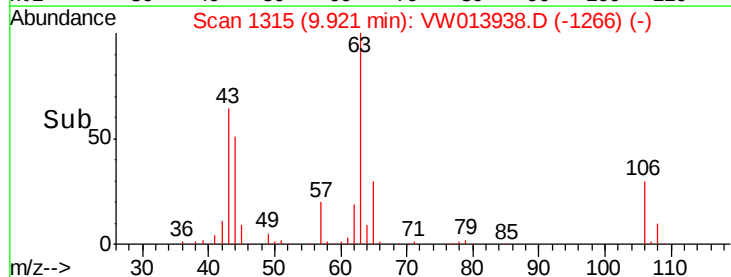
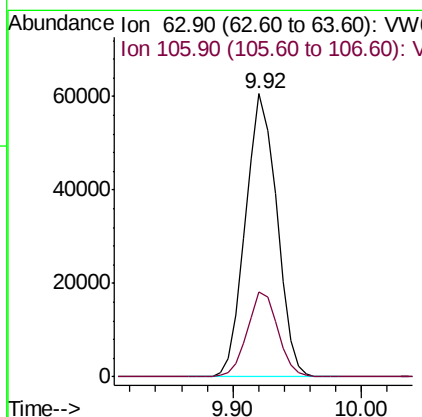
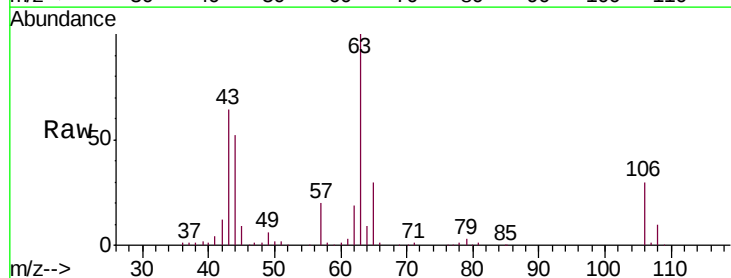
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

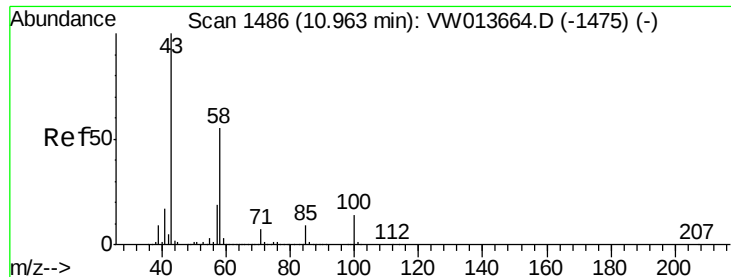
Tgt Ion: 76 Resp: 65356
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.060 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion: 63 Resp: 102190
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.8

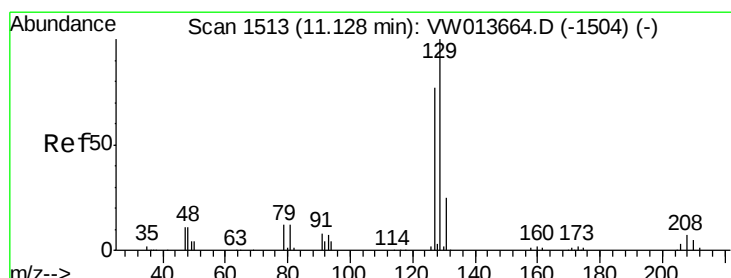
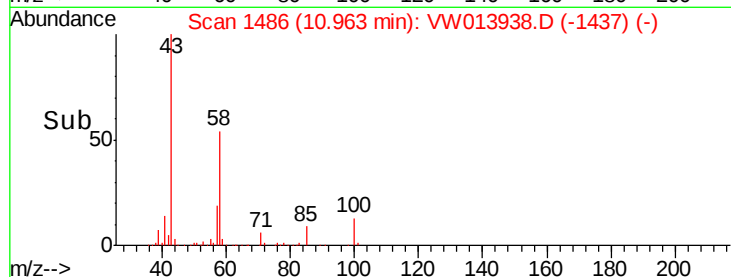
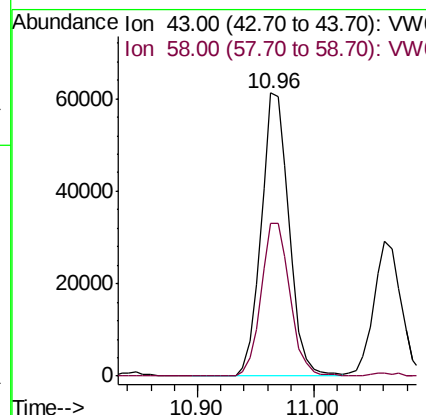
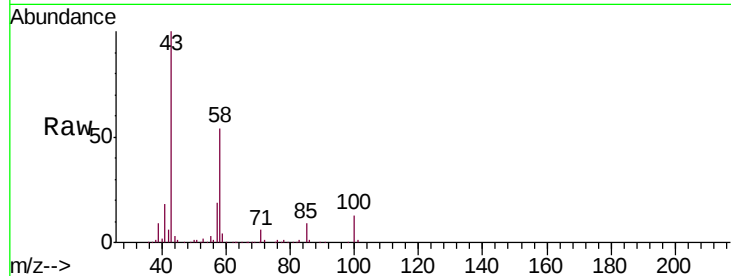




#59
2-Hexanone
Concen: 112.066 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

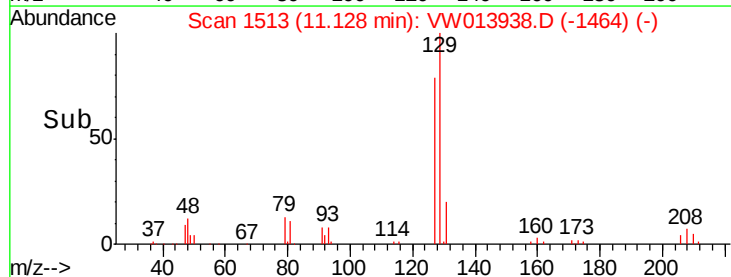
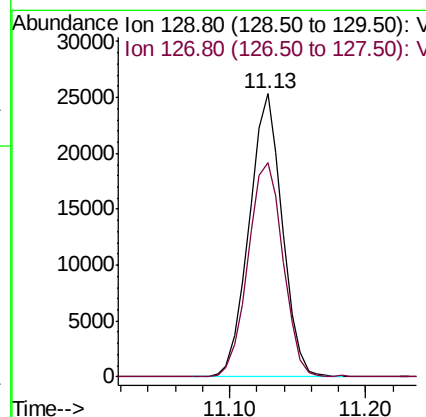
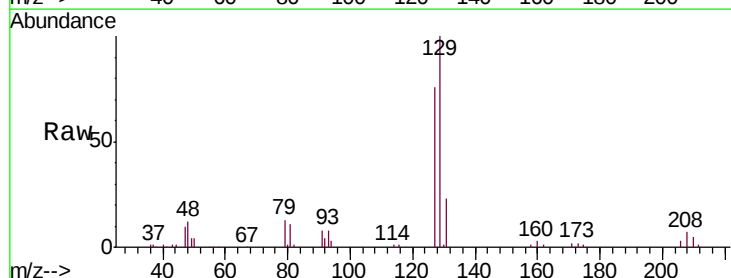
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

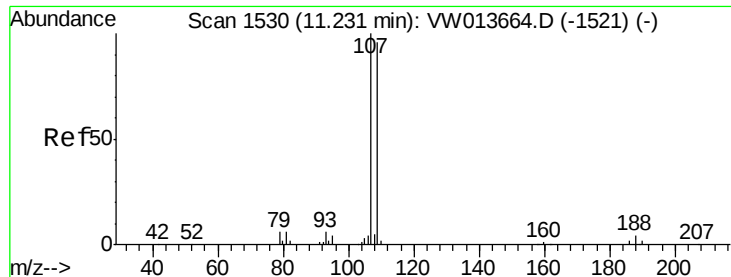
Tgt Ion: 43 Resp: 102039
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.7



#60
Dibromochloromethane
Concen: 20.529 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 129 Resp: 43232
Ion Ratio Lower Upper
129 100
127 79.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.643 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

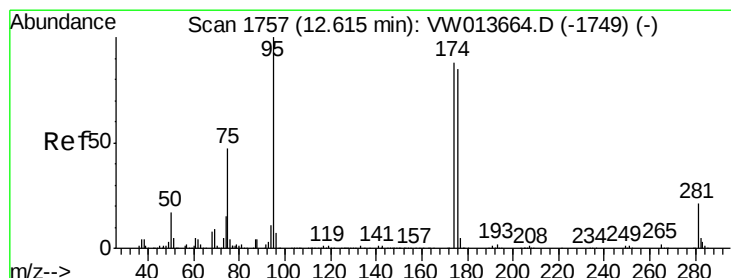
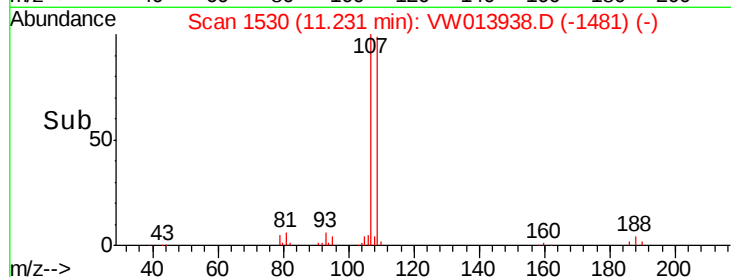
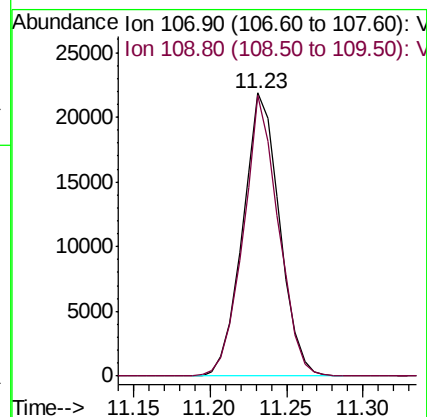
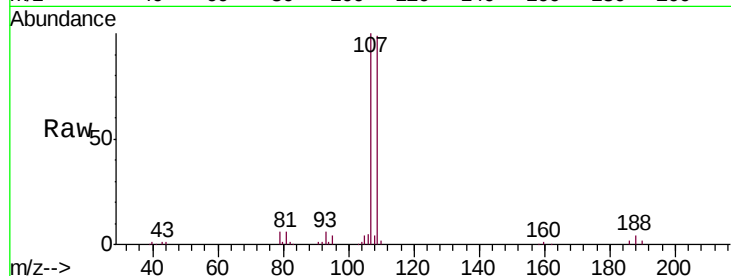
VW1108SBS01

Tgt Ion: 107 Resp: 36316

Ion Ratio Lower Upper

107 100

109 95.0 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 50.564 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

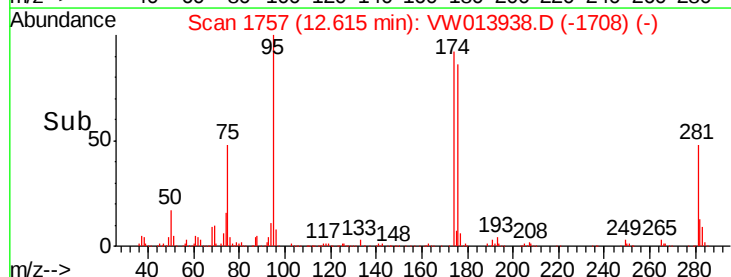
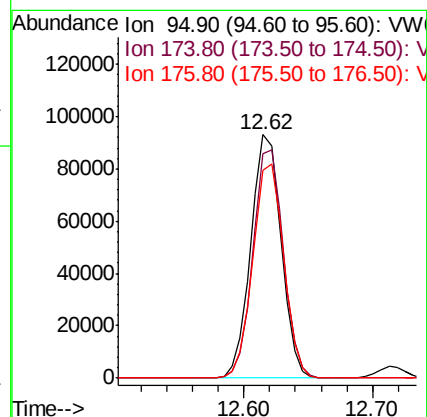
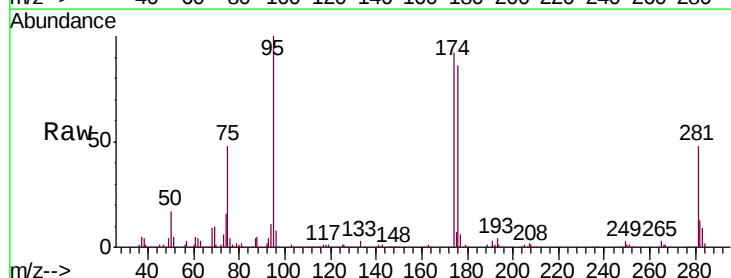
Tgt Ion: 95 Resp: 150987

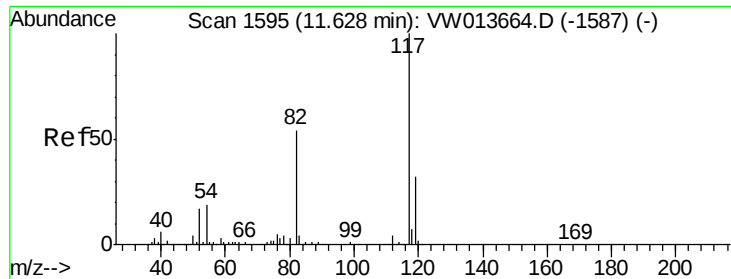
Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.6

176 89.5 0.0 178.0

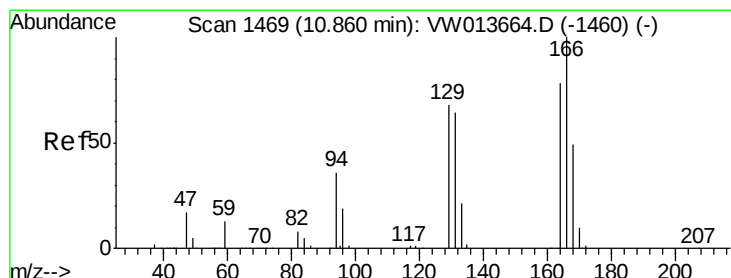
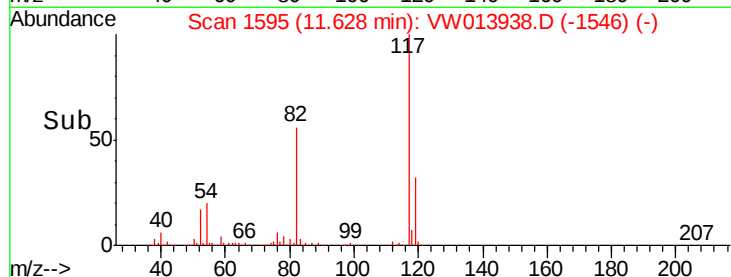
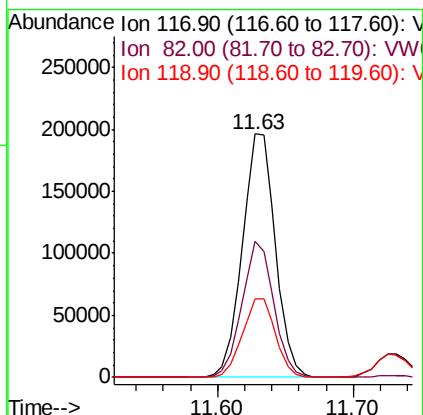
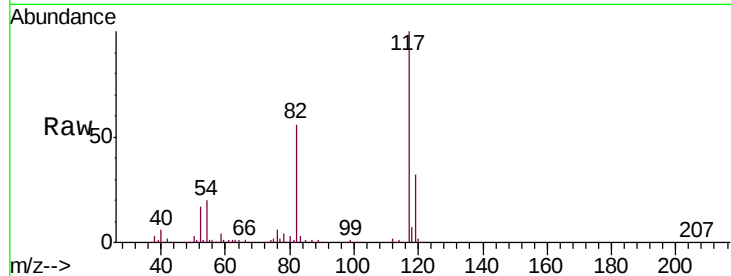




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

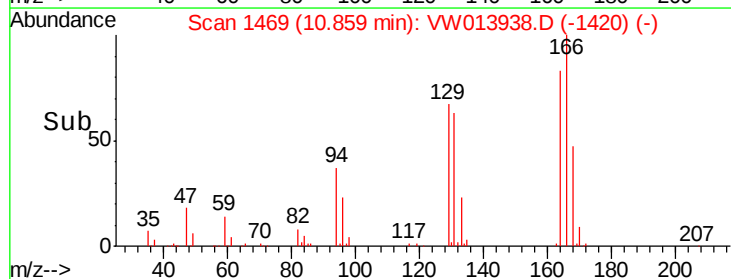
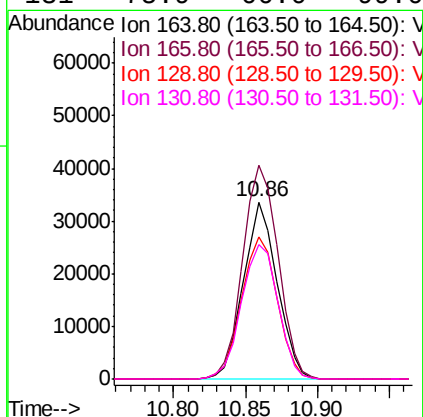
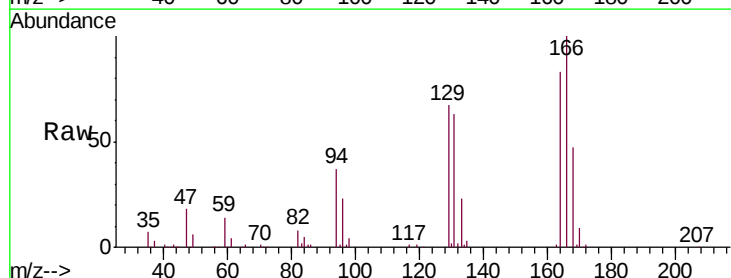
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

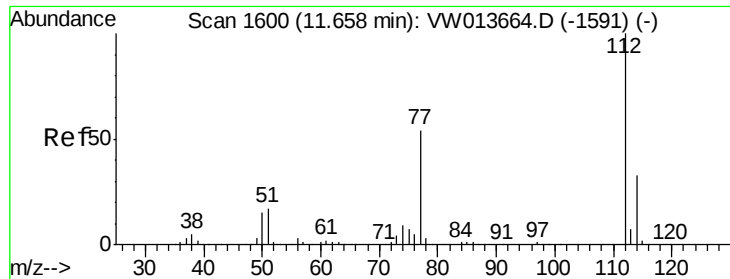
Tgt Ion:117 Resp: 332960
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 21.442 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion:164 Resp: 54548
Ion Ratio Lower Upper
164 100
166 120.8 103.2 154.8
129 80.6 70.6 105.8
131 75.9 66.0 99.0

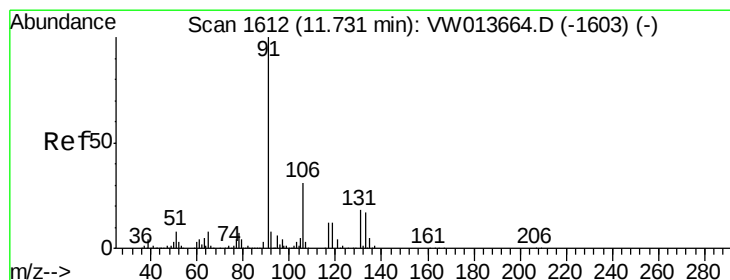
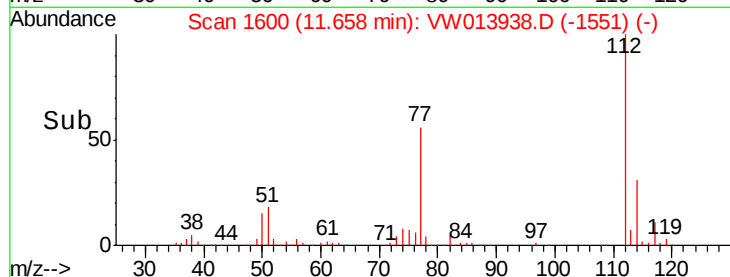
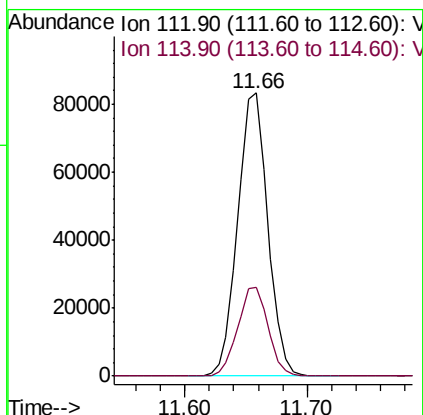
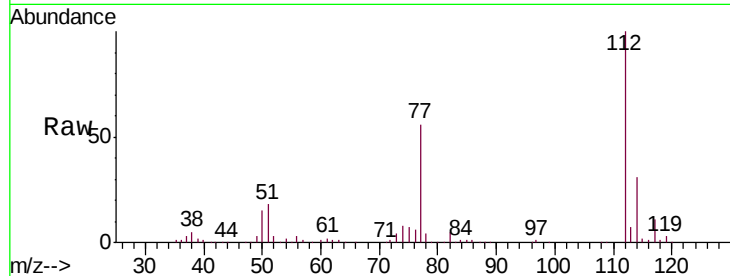




#65
Chlorobenzene
Concen: 20.704 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

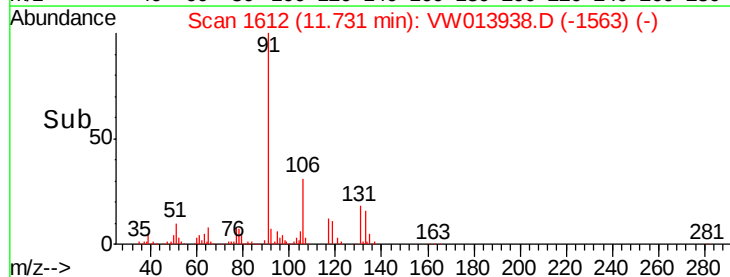
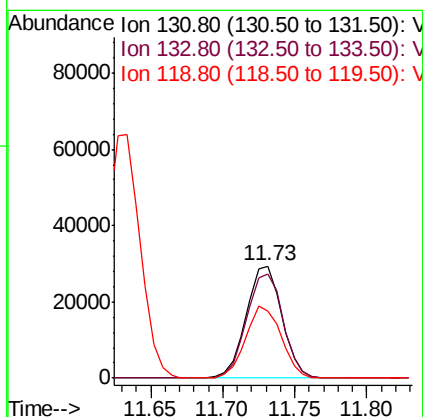
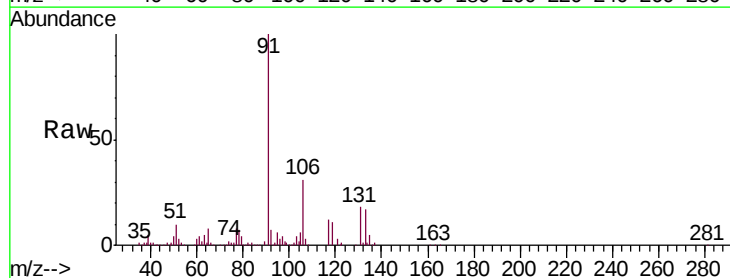
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

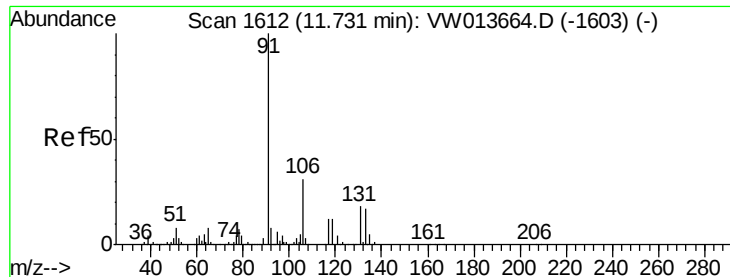
Tgt Ion:112 Resp: 141658
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.986 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion:131 Resp: 50111
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 64.3 33.1 99.2

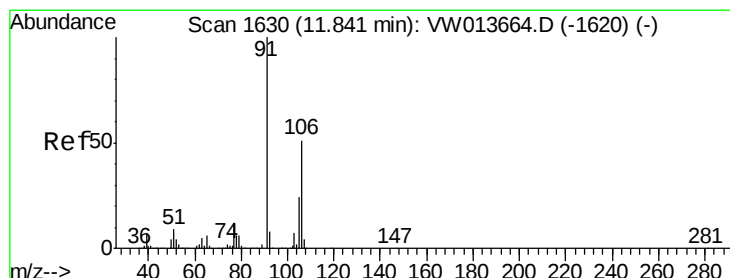
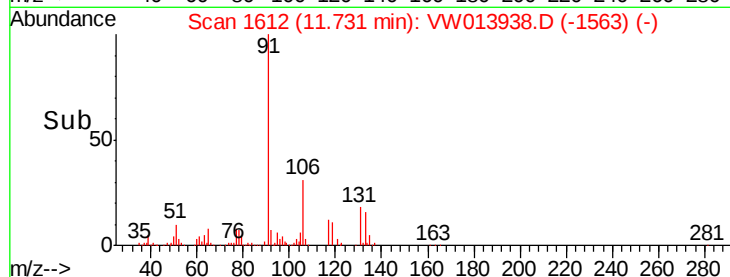
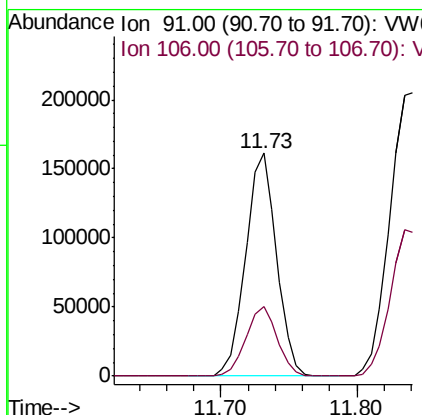
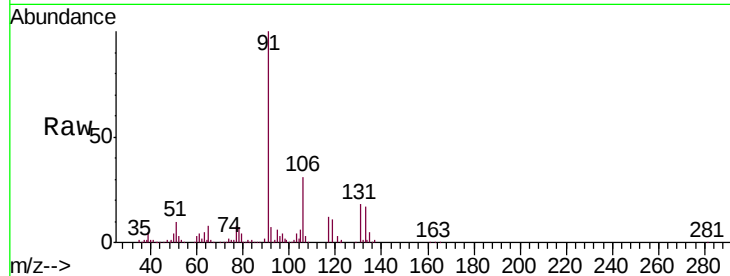




#67
Ethyl Benzene
Concen: 20.776 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

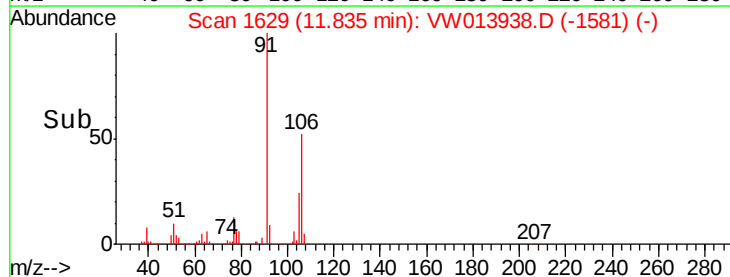
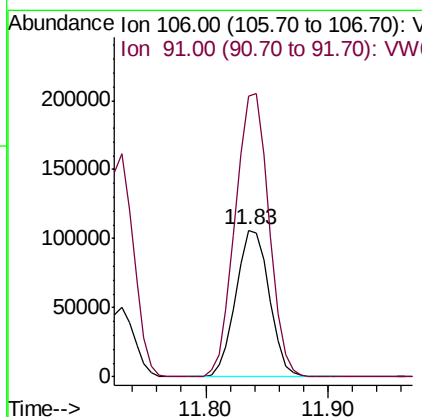
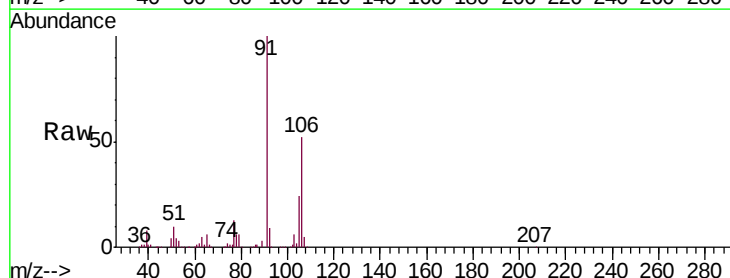
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

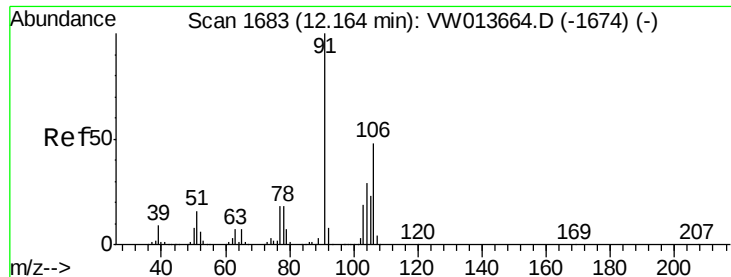
Tgt Ion: 91 Resp: 256317
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 42.185 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 106 Resp: 201077
Ion Ratio Lower Upper
106 100
91 195.1 159.2 238.8

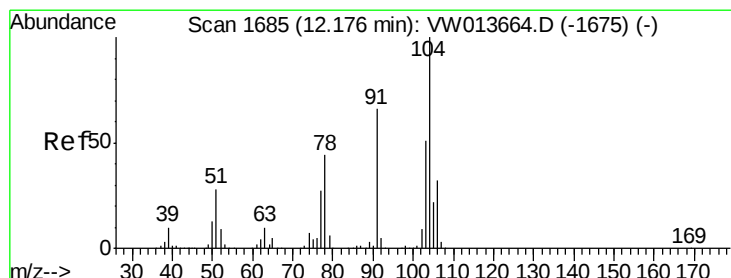
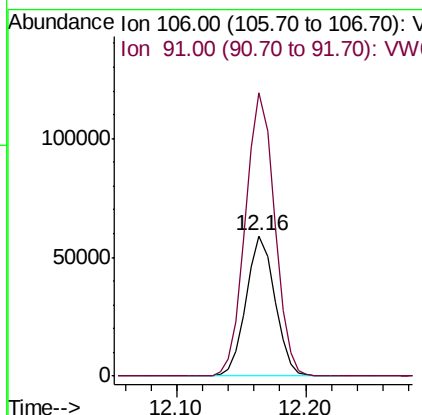
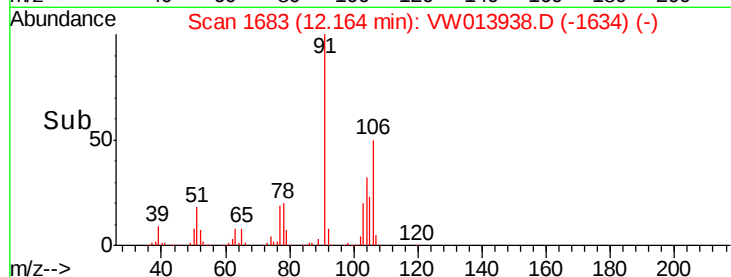
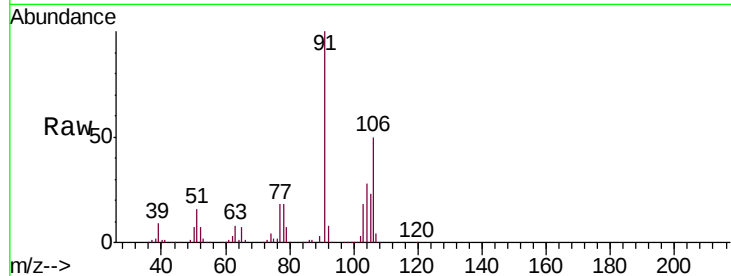




#69
o-Xylene
Concen: 20.789 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

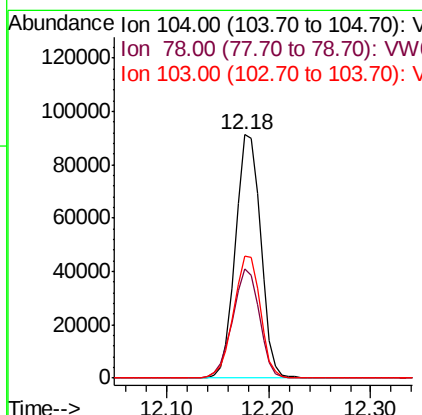
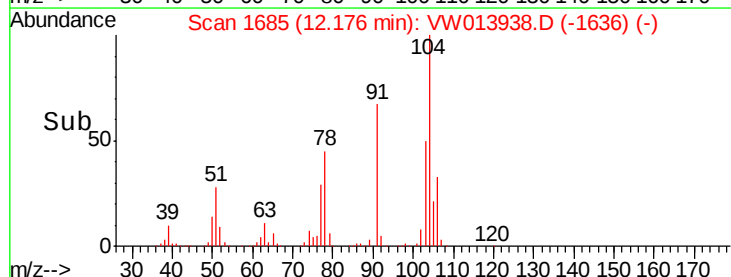
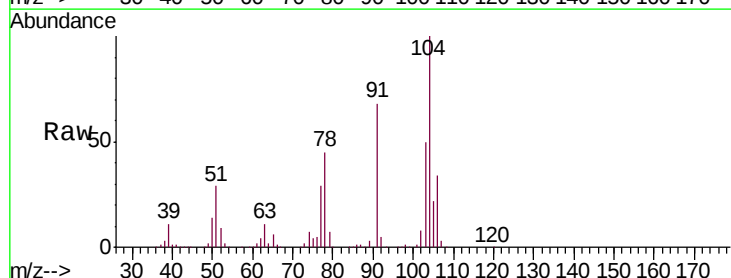
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

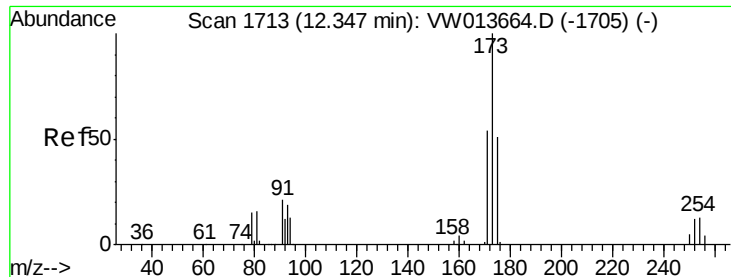
Tgt Ion:106 Resp: 91085
Ion Ratio Lower Upper
106 100
91 205.8 104.9 314.7



#70
Styrene
Concen: 20.712 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion:104 Resp: 155917
Ion Ratio Lower Upper
104 100
78 47.6 37.1 55.7
103 53.0 43.6 65.4





#71

Bromoform

Concen: 21.883 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

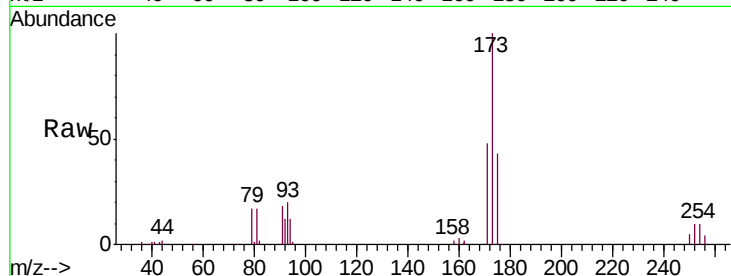
Tgt Ion:173 Resp: 27422

Ion Ratio Lower Upper

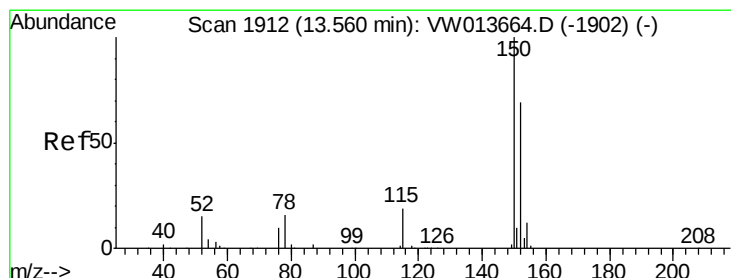
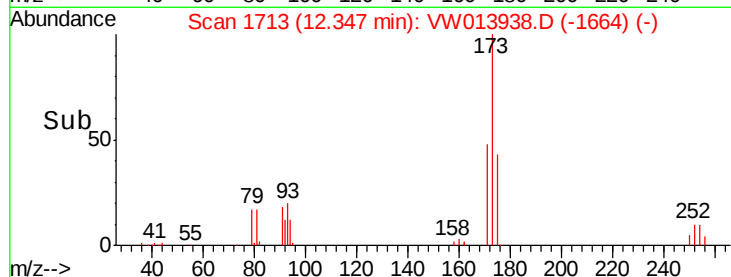
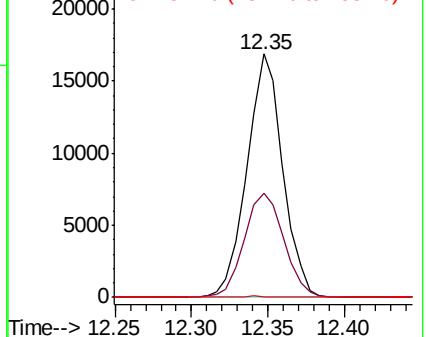
173 100

175 47.0 25.2 75.6

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

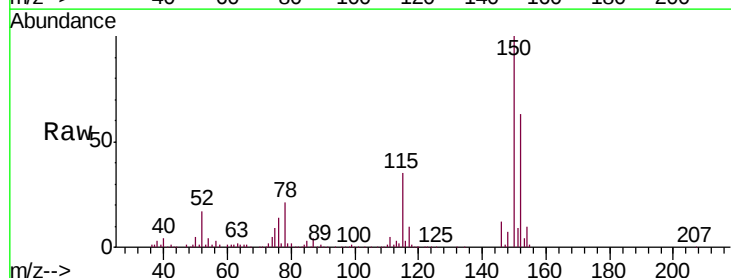
Tgt Ion:152 Resp: 170461

Ion Ratio Lower Upper

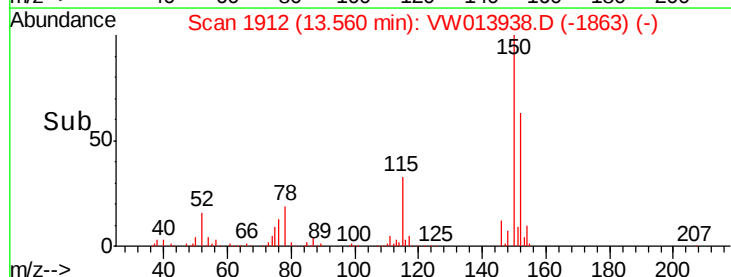
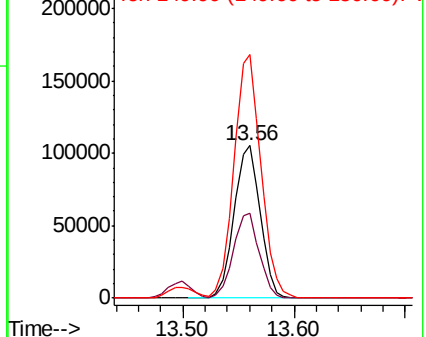
152 100

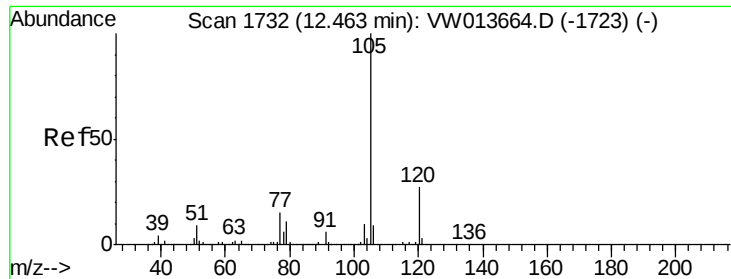
115 55.1 27.4 82.2

150 165.1 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.910 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

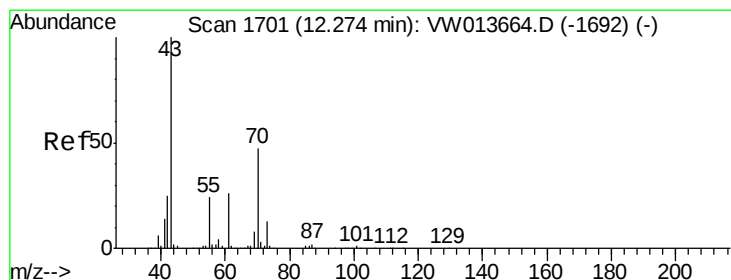
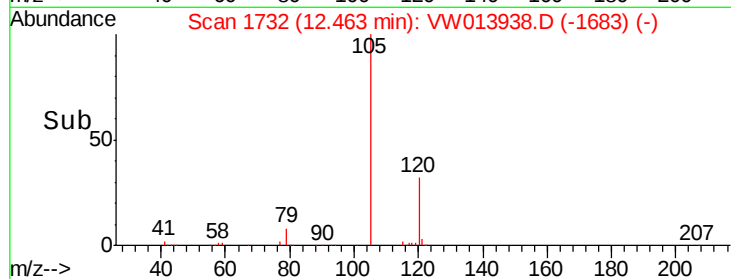
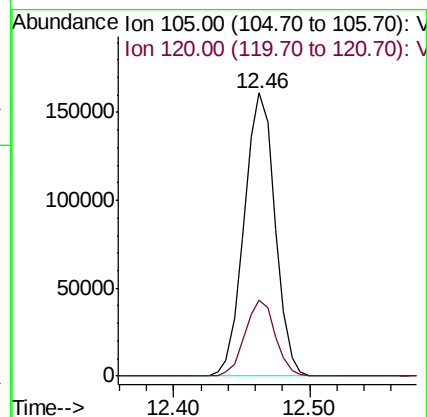
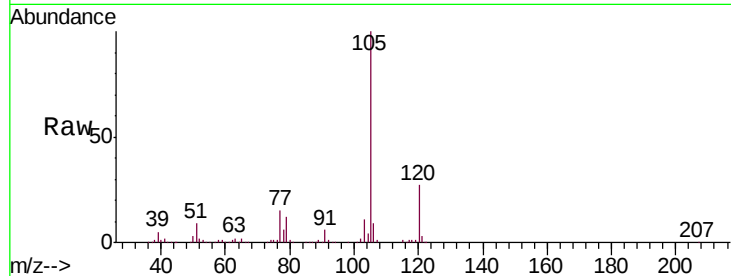
VW1108SBS01

Tgt Ion:105 Resp: 255964

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#74

N-ethyl acetate

Concen: 21.264 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Tgt Ion: 43 Resp: 50354

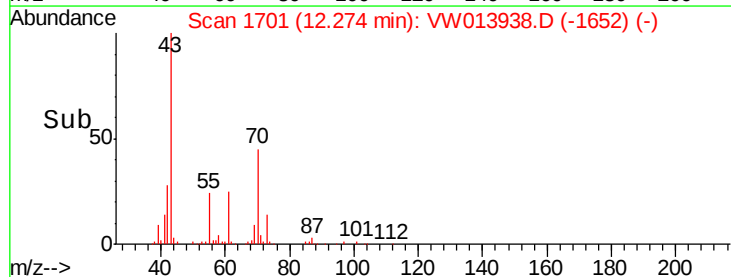
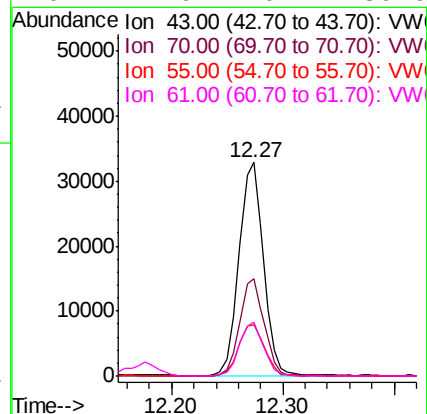
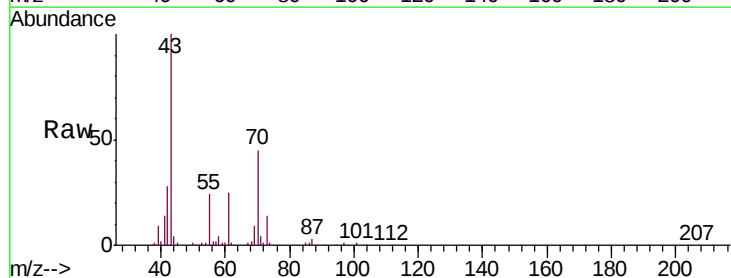
Ion Ratio Lower Upper

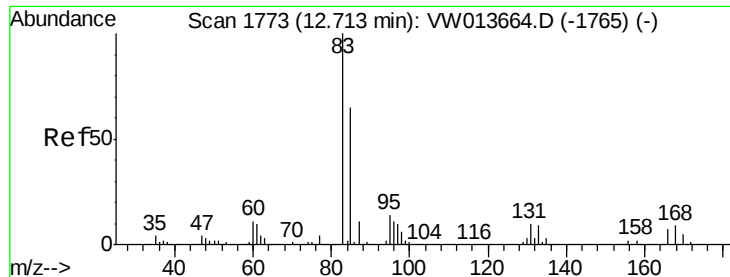
43 100

70 45.0 36.6 55.0

55 25.5 20.3 30.5

61 24.9 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.537 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

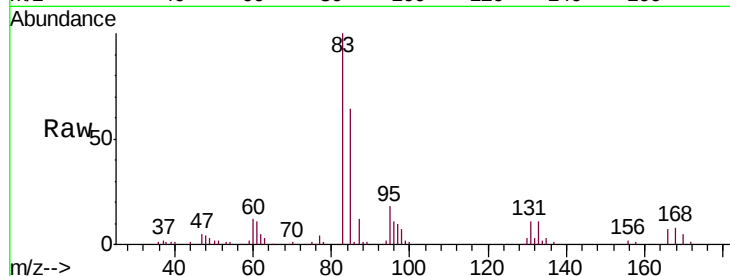
Tgt Ion: 83 Resp: 41604

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.1

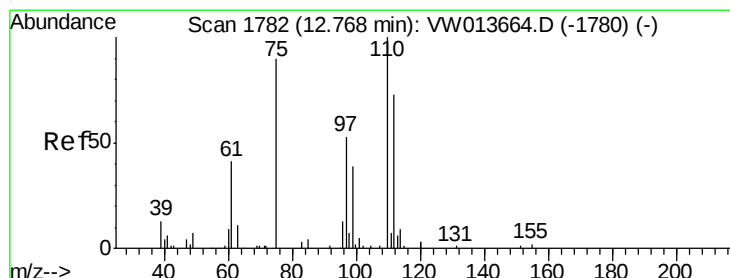
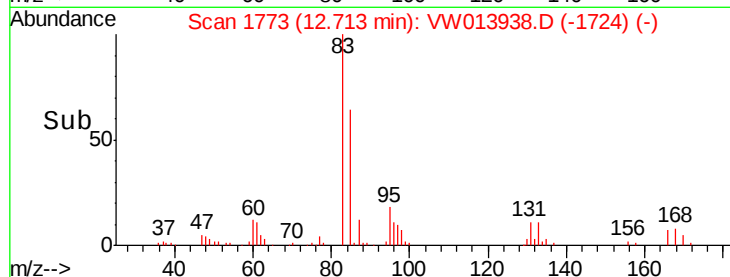
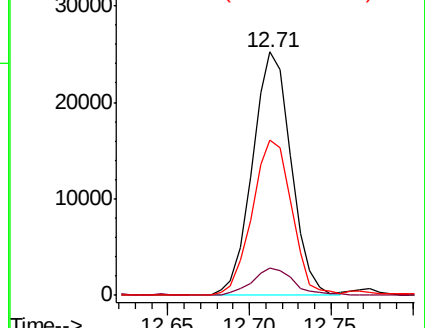
85 65.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.879 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013938.D

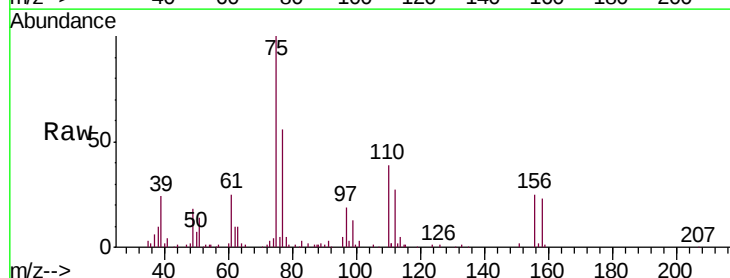
Acq: 08 Nov 2019 12:31

Tgt Ion: 75 Resp: 53715

Ion Ratio Lower Upper

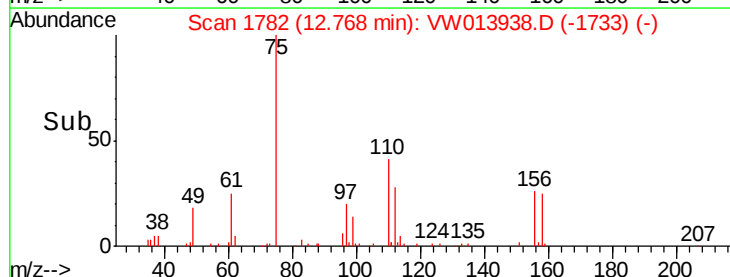
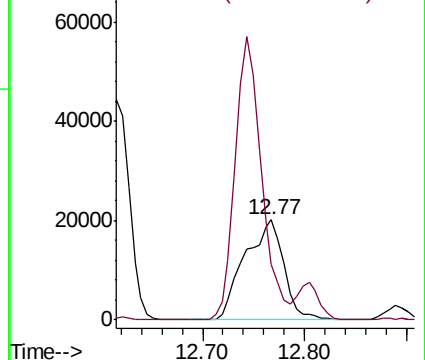
75 100

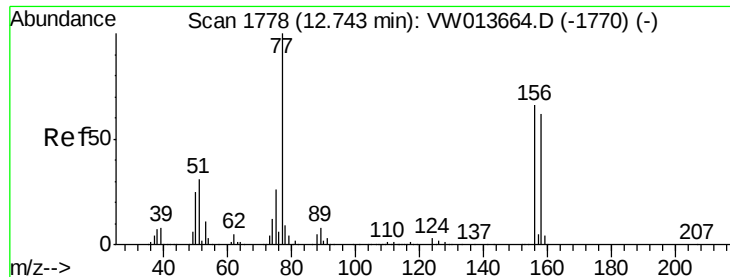
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

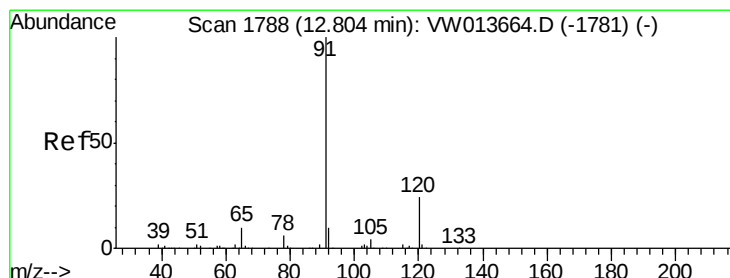
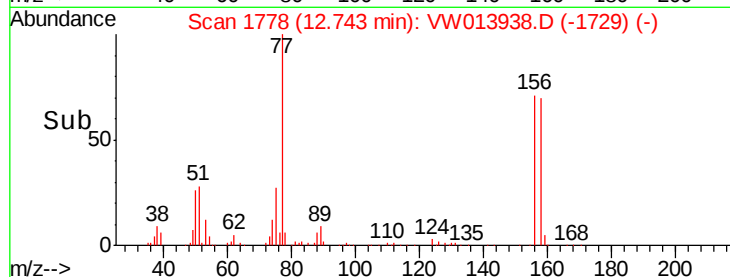
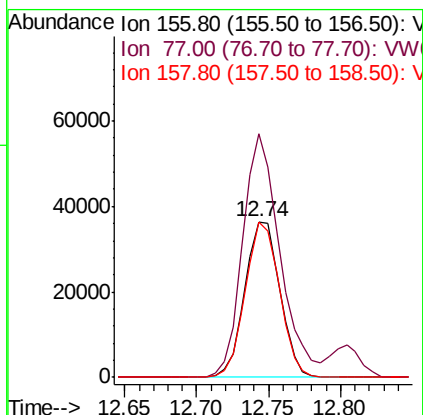
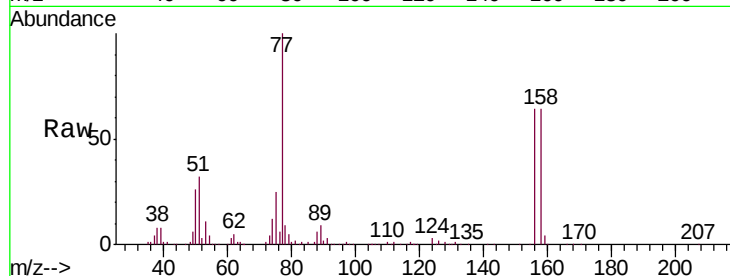




#77
Bromobenzene
Concen: 21.009 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

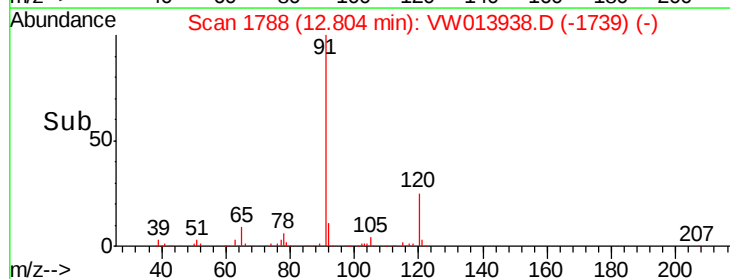
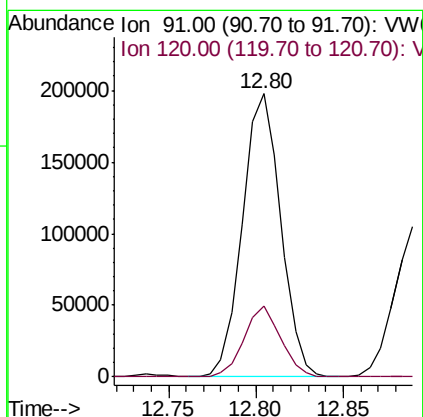
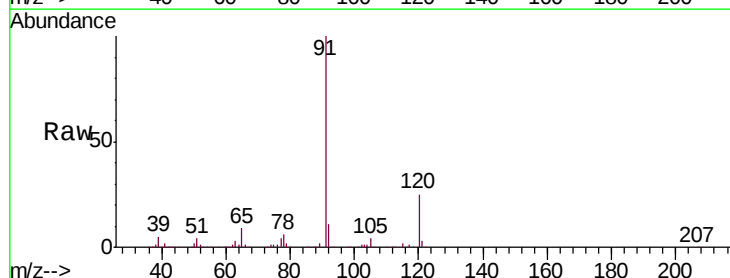
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

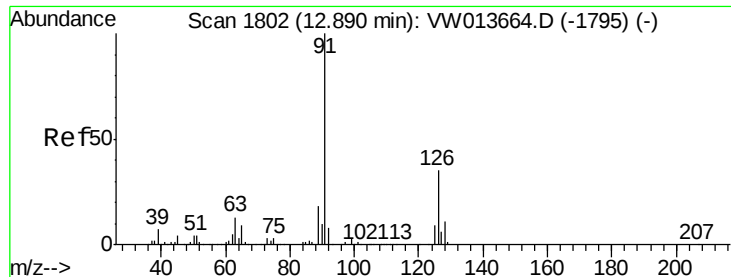
Tgt Ion:156 Resp: 61436
Ion Ratio Lower Upper
156 100
77 166.3 82.9 248.7
158 96.9 48.4 145.2



#78
n-propylbenzene
Concen: 21.202 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 91 Resp: 300406
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0





#79

2-Chlorotoluene

Concen: 21.059 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

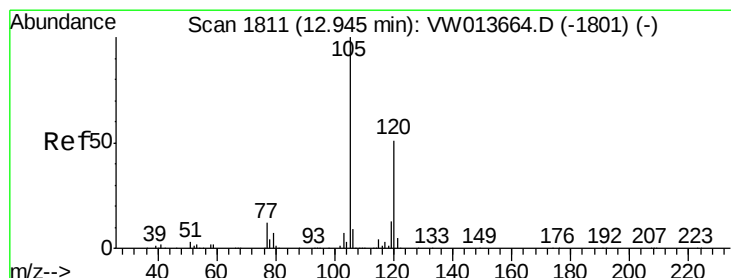
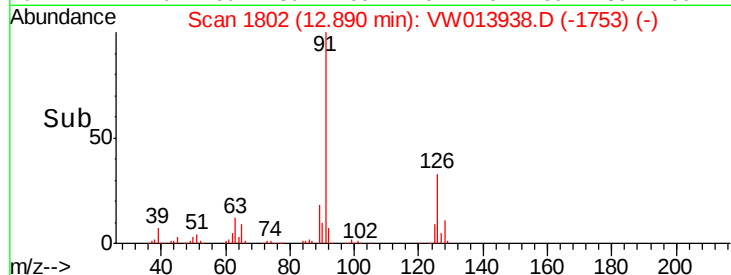
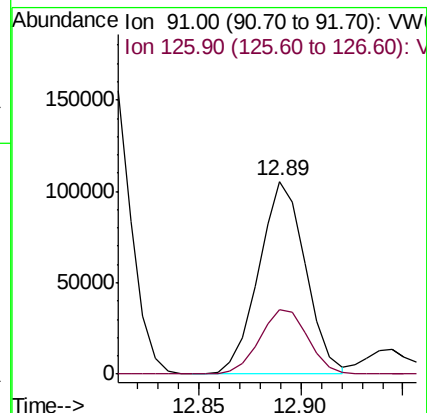
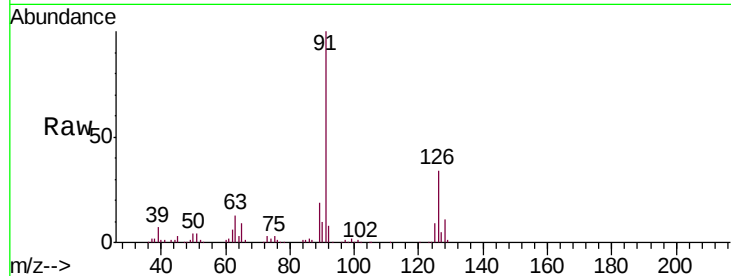
VW1108SBS01

Tgt Ion: 91 Resp: 167678

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.957 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013938.D

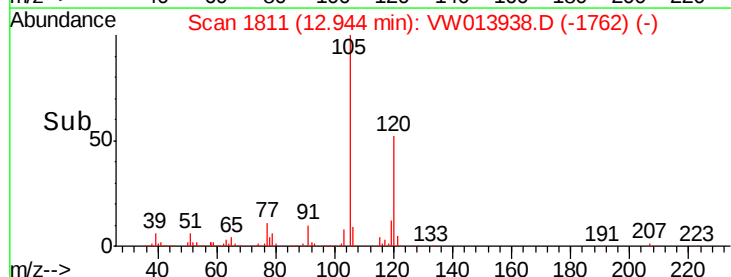
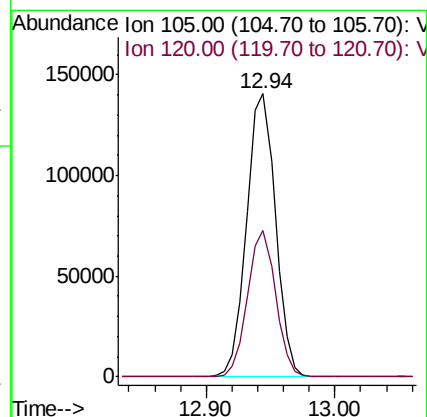
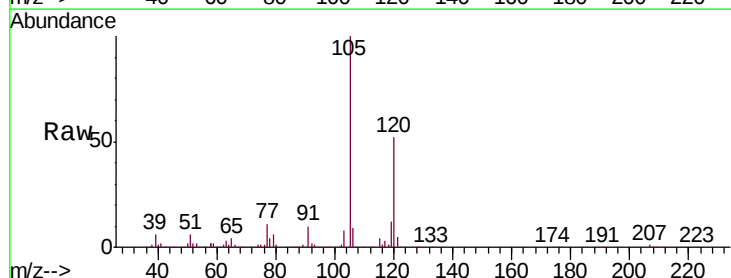
Acq: 08 Nov 2019 12:31

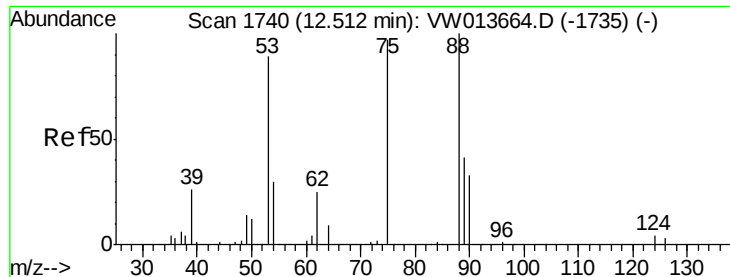
Tgt Ion: 105 Resp: 216567

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 21.019 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013938.D

Acq: 08 Nov 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

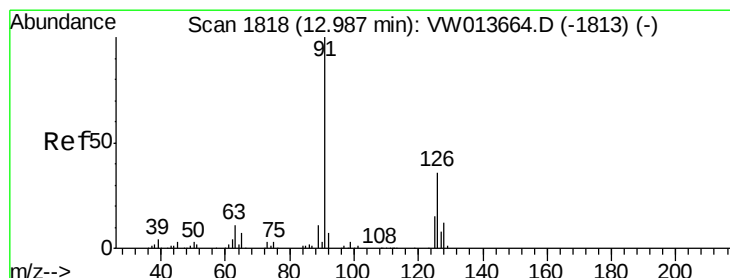
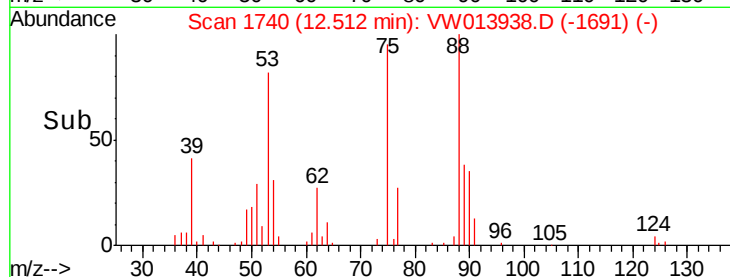
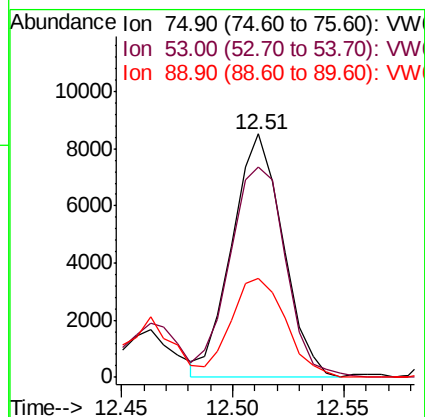
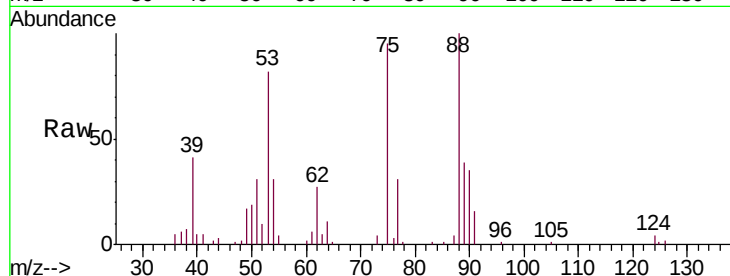
Tgt Ion: 75 Resp: 13615

Ion Ratio Lower Upper

75 100

53 95.0 71.7 107.5

89 43.3 35.8 53.8



#82

4-Chlorotoluene

Concen: 21.297 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013938.D

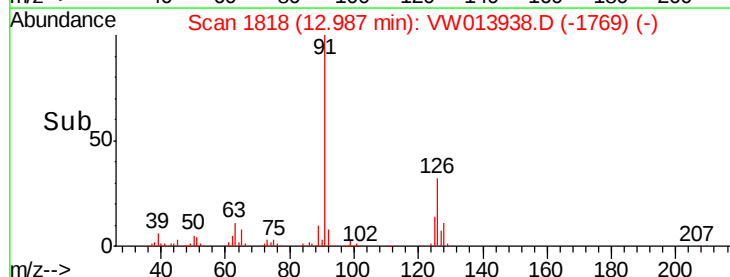
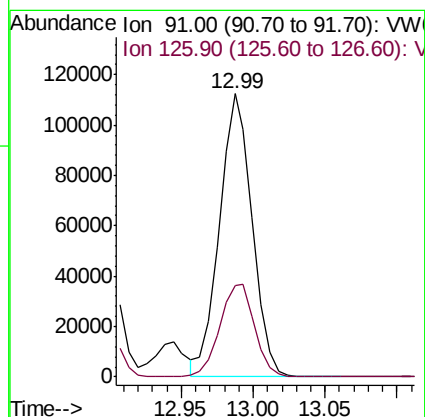
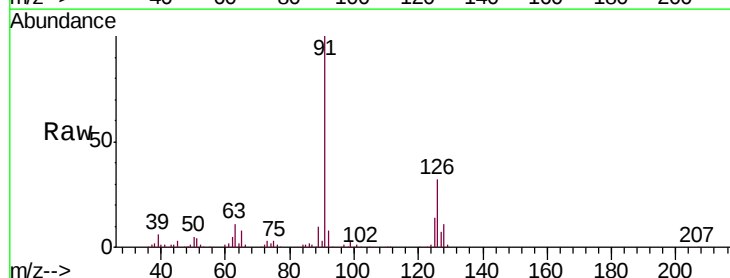
Acq: 08 Nov 2019 12:31

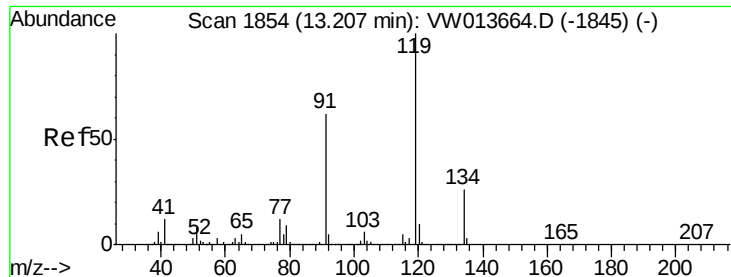
Tgt Ion: 91 Resp: 178029

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.5

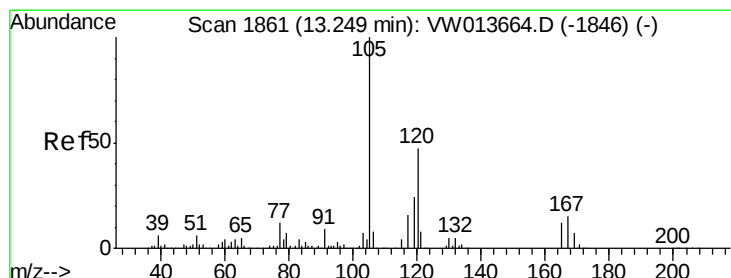
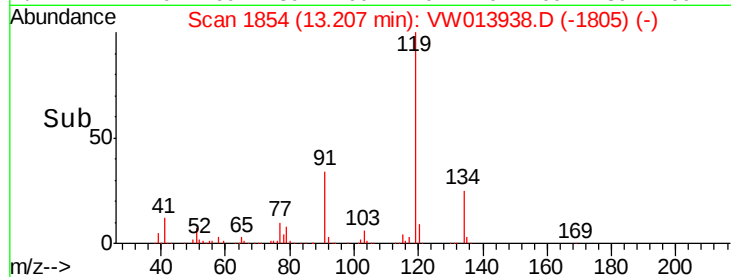
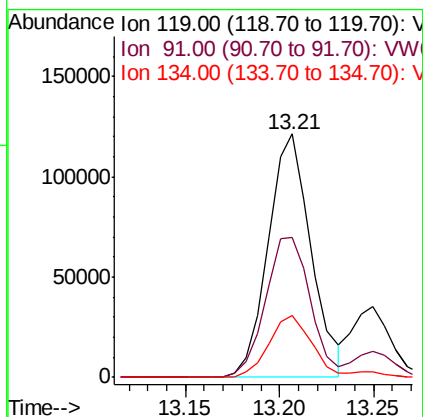
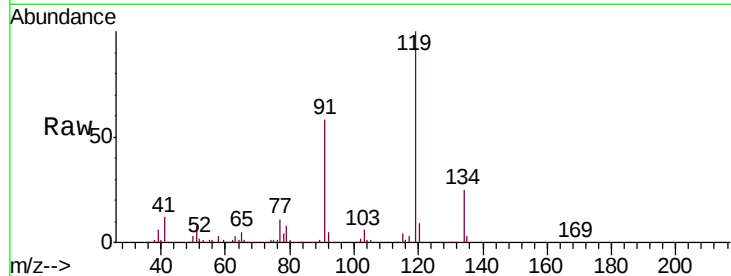




#83
 tert-Butylbenzene
 Concen: 20.856 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

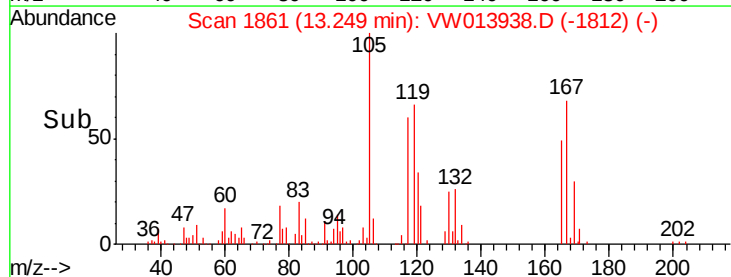
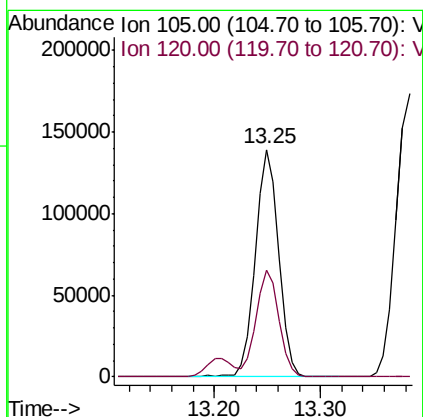
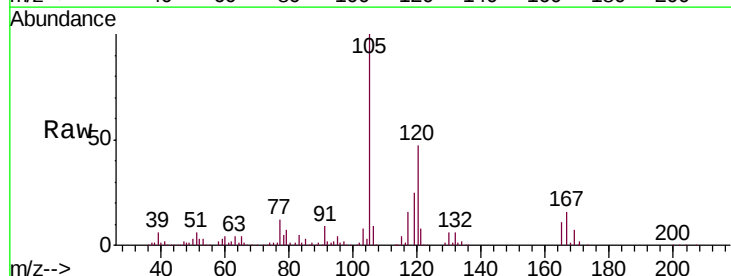
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

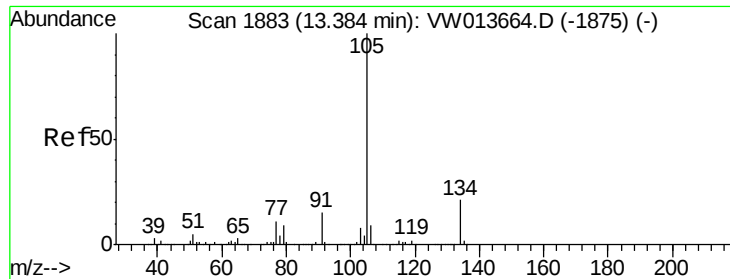
Tgt Ion:119 Resp: 191305
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.4 91.3
 134 25.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.986 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion:105 Resp: 213927
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.5 70.5

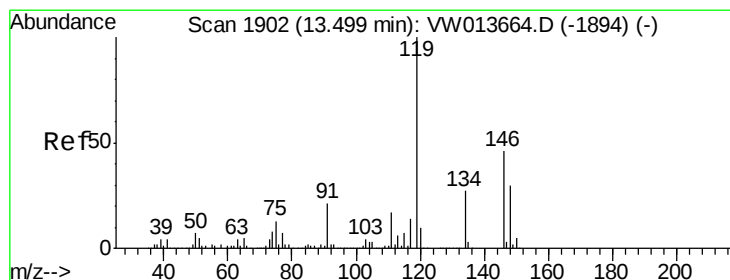
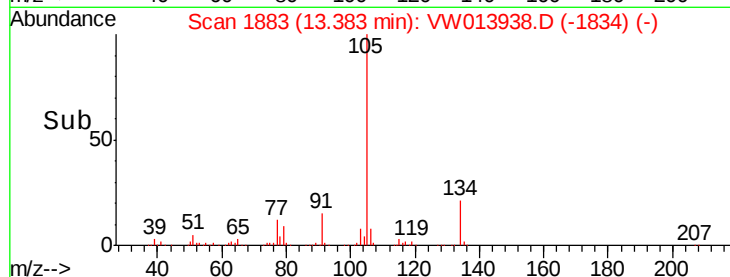
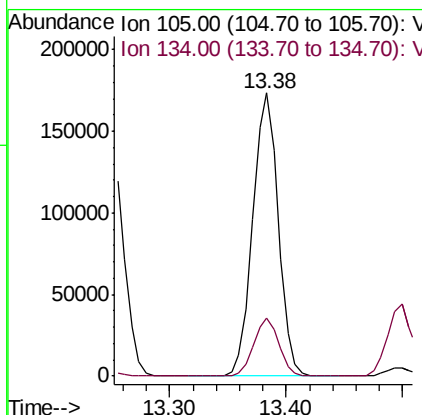
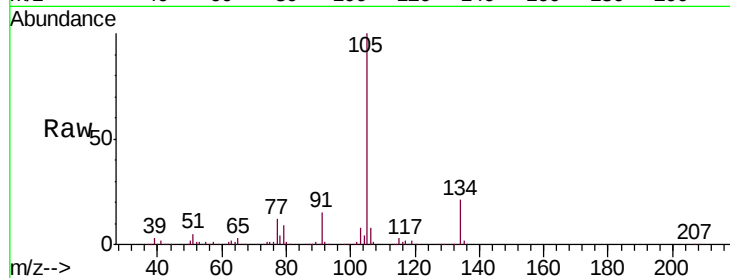




#85
 sec-Butylbenzene
 Concen: 21.150 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

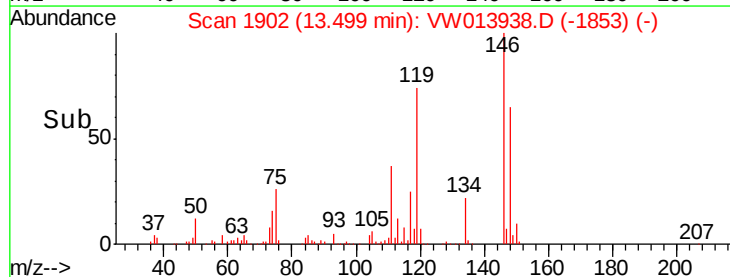
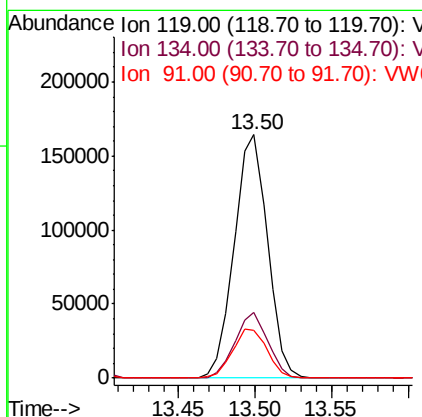
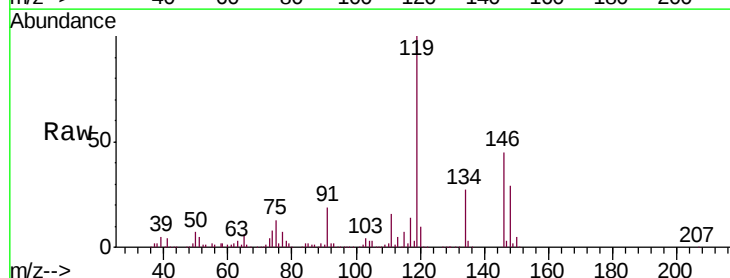
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

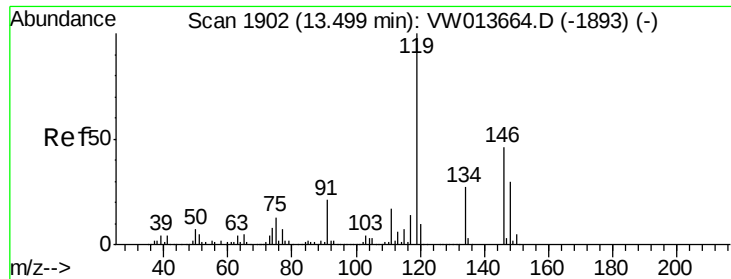
Tgt Ion:105 Resp: 265296
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.188 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion:119 Resp: 247568
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 20.9 10.8 32.3

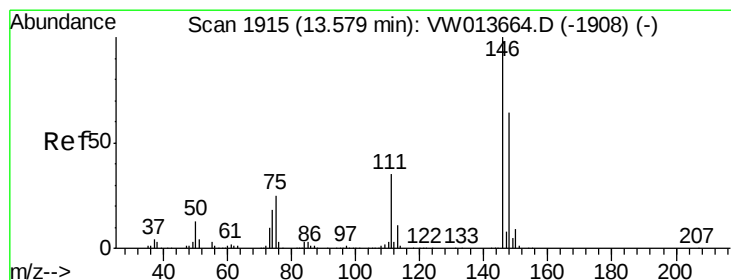
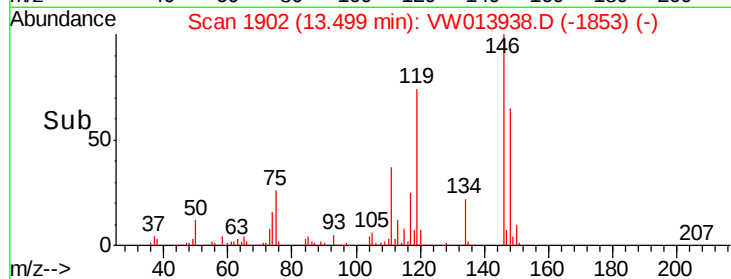
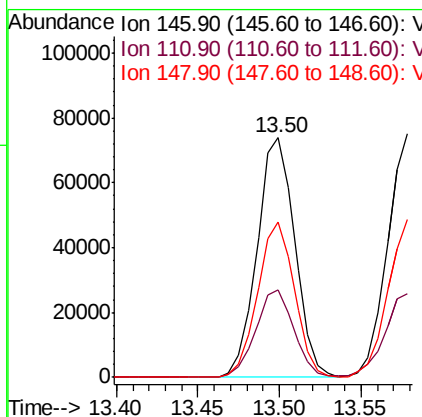
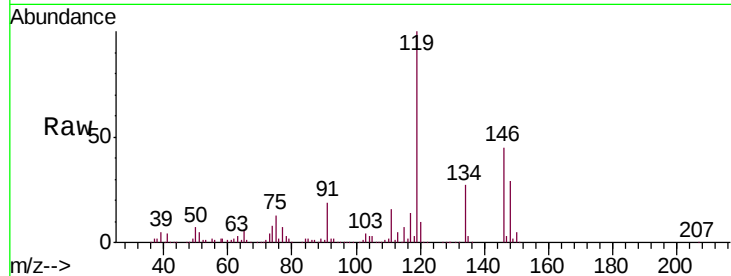




#87
 1,3-Dichlorobenzene
 Concen: 20.997 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

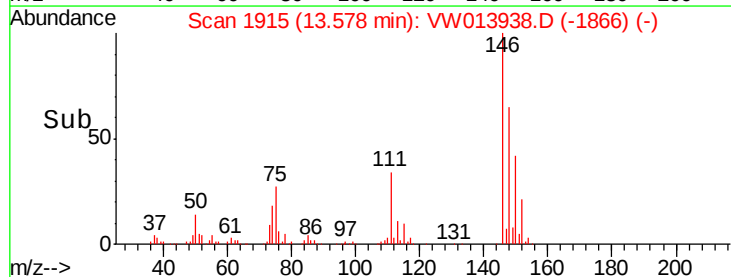
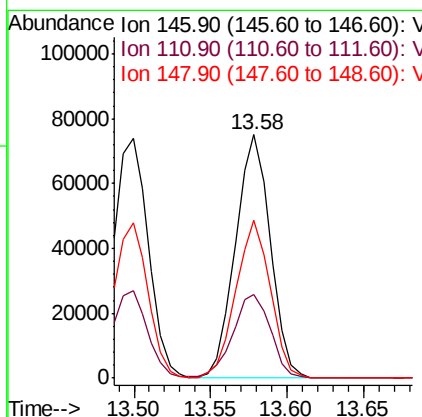
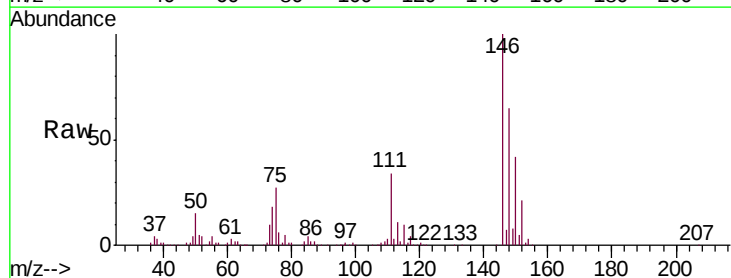
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

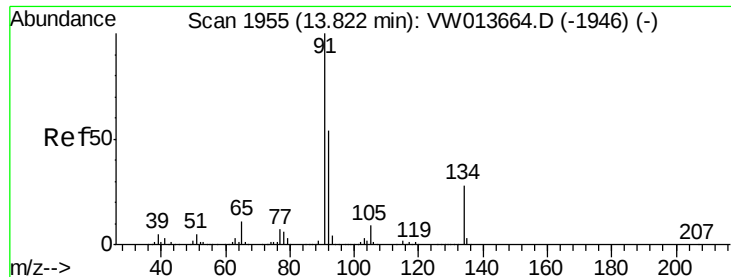
Tgt Ion:146 Resp: 118968
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 56.0
 148 63.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 21.072 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion:146 Resp: 118609
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.3
 148 64.5 32.0 96.2

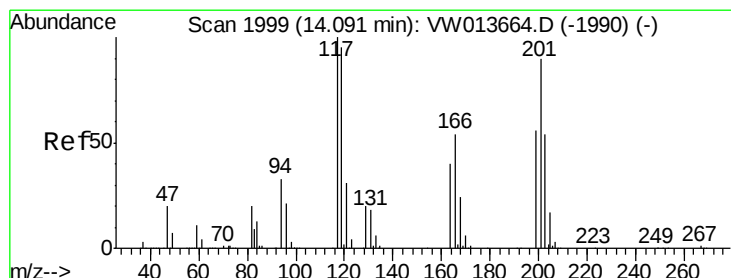
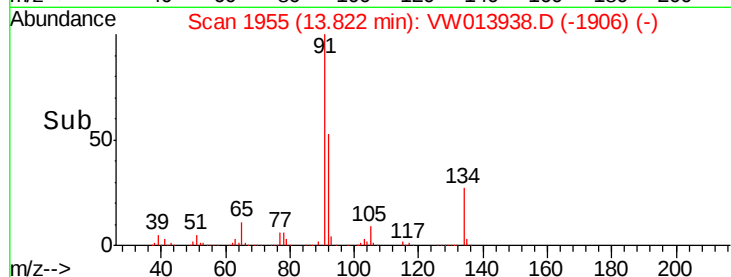
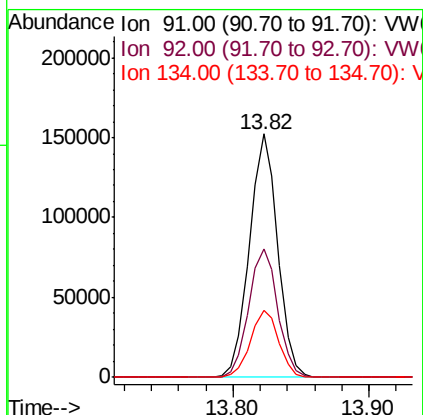
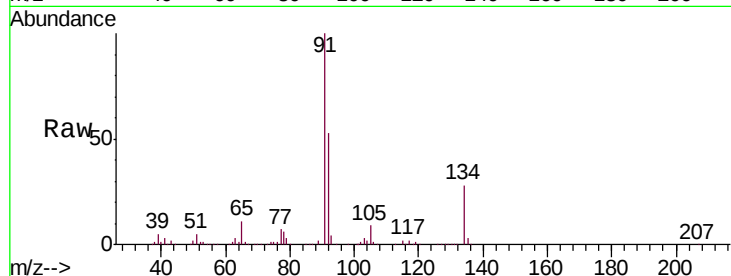




#89
n-Butylbenzene
Concen: 21.051 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

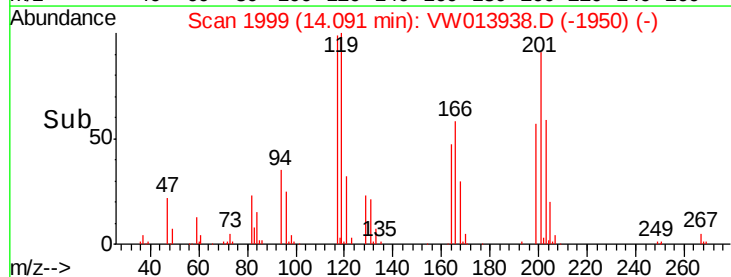
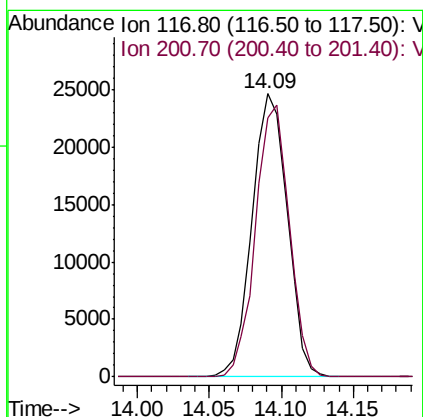
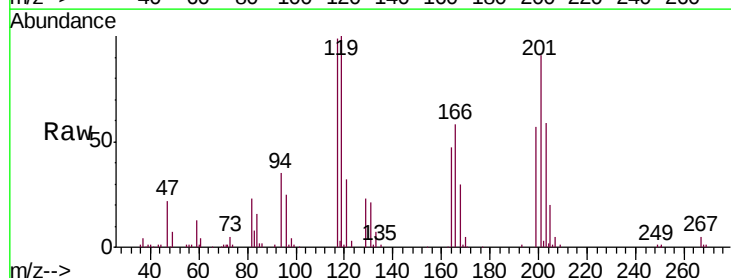
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

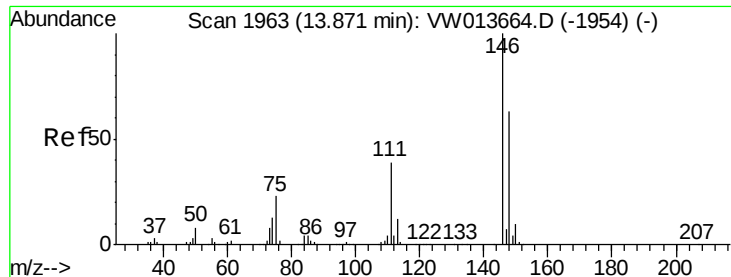
Tgt Ion: 91 Resp: 222012
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 27.7 14.0 41.9



#90
Hexachloroethane
Concen: 20.528 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion: 117 Resp: 41691
Ion Ratio Lower Upper
117 100
201 92.1 46.1 138.2

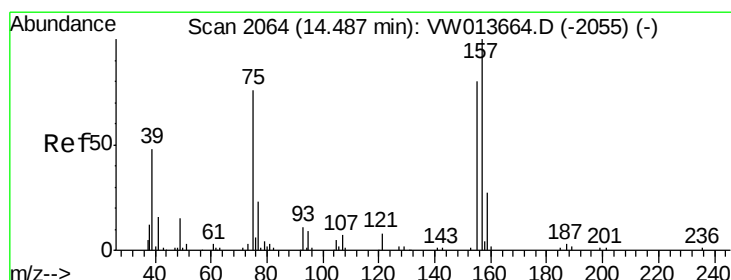
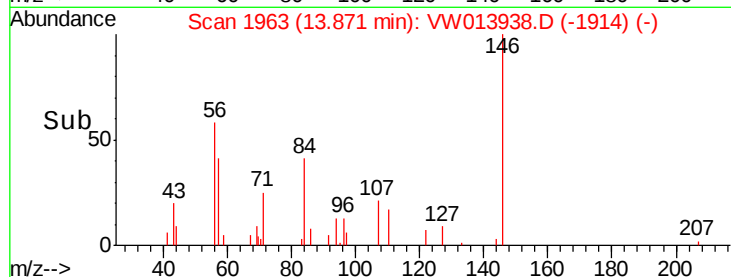
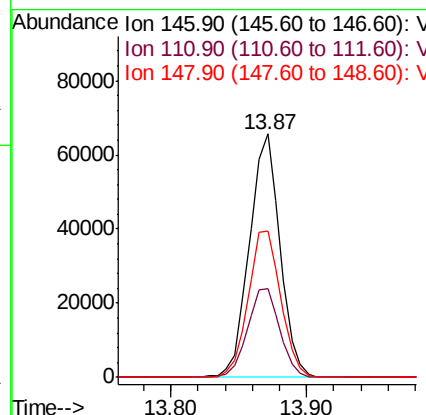
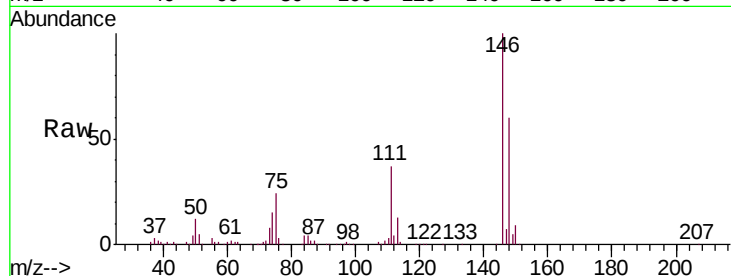




#91
 1,2-Dichlorobenzene
 Concen: 21.070 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

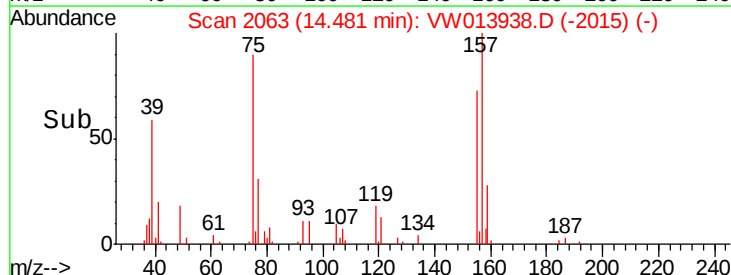
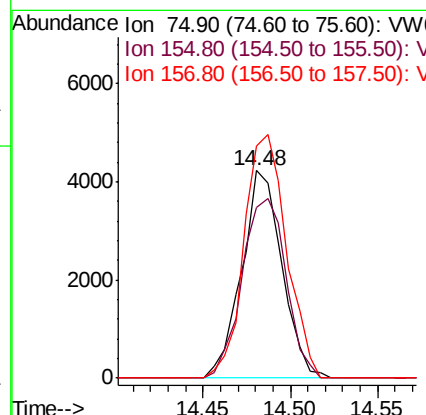
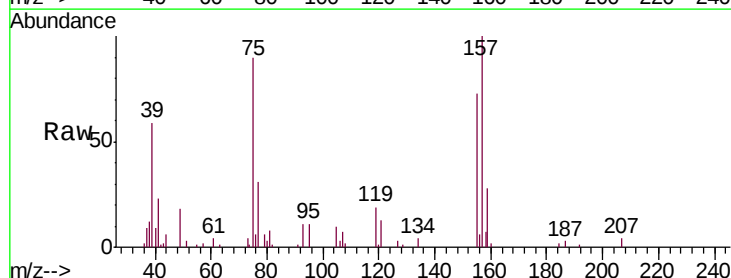
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

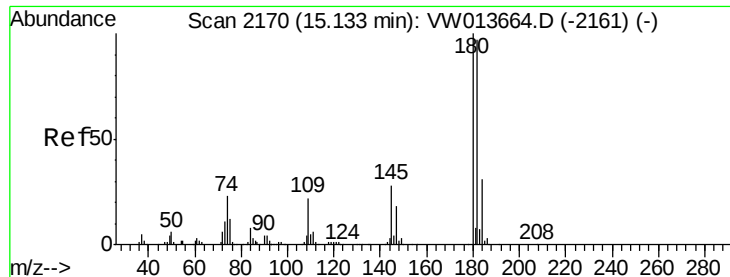
Tgt Ion: 146 Resp: 103510
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.6
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.142 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion: 75 Resp: 6760
 Ion Ratio Lower Upper
 75 100
 155 95.0 51.9 155.7
 157 123.6 64.8 194.3

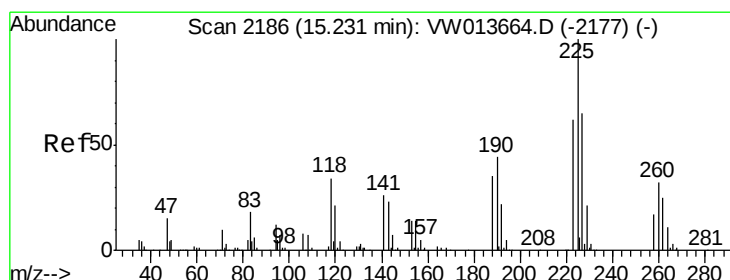
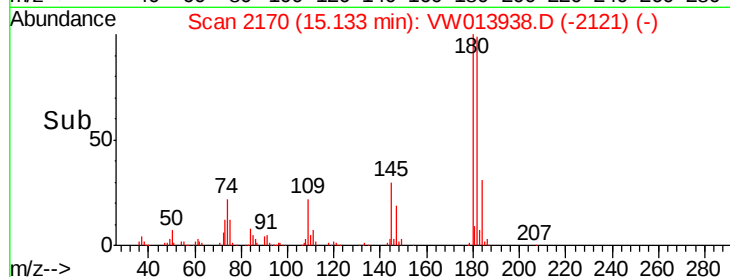
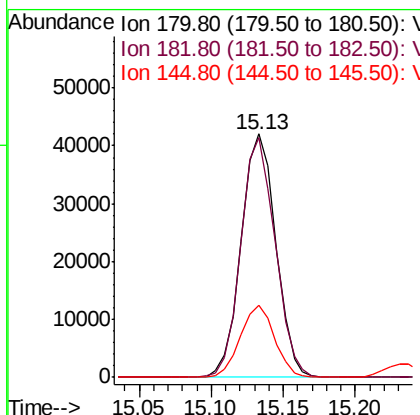
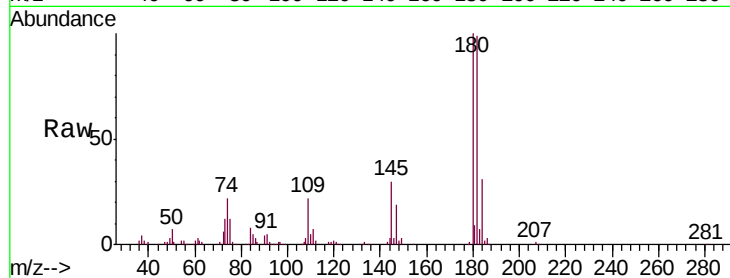




#93
 1,2,4-Trichlorobenzene
 Concen: 19.581 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

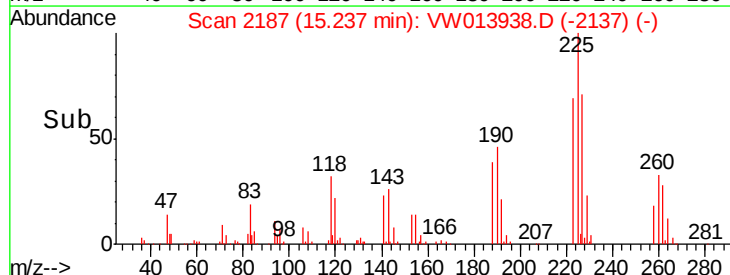
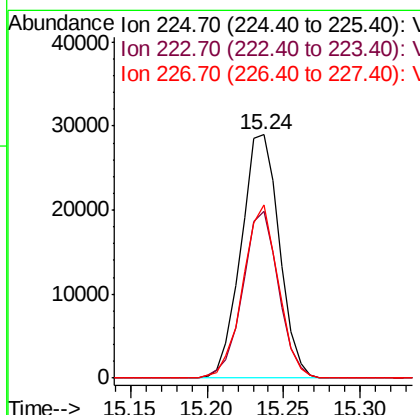
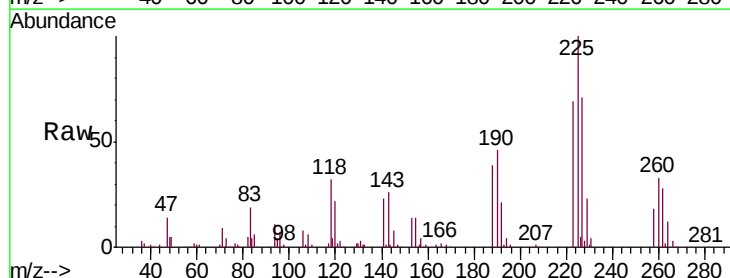
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

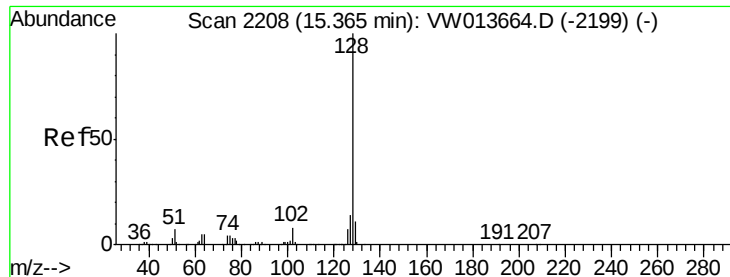
Tgt Ion:180 Resp: 70008
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.4 142.2
 145 29.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 20.841 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013938.D
 Acq: 08 Nov 2019 12:31

Tgt Ion:225 Resp: 50302
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.9
 227 65.9 32.5 97.4

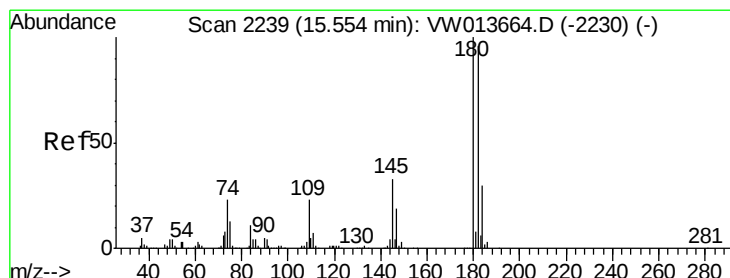
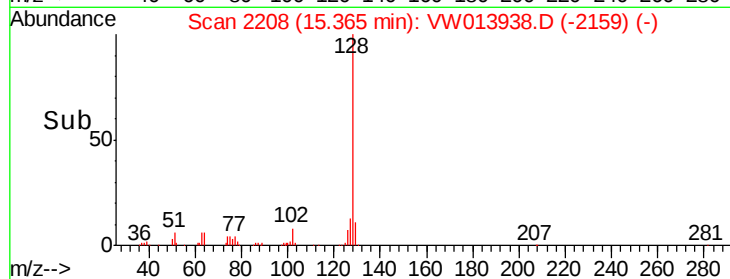
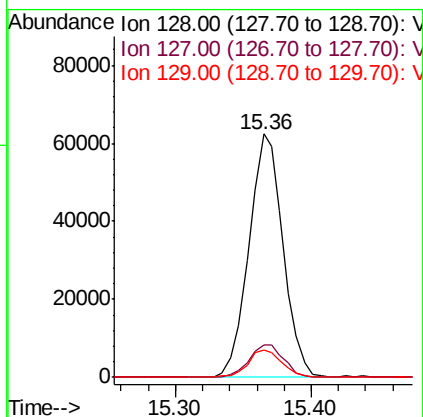
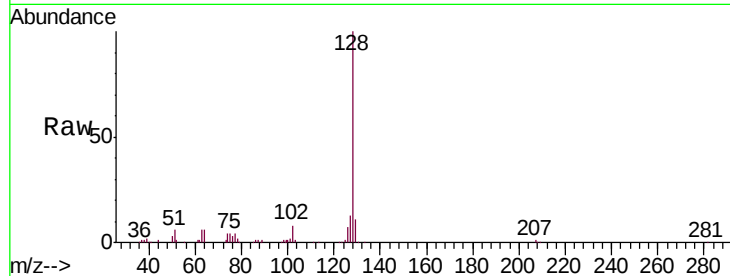




#95
Naphthalene
Concen: 19.532 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tgt Ion:128 Resp: 109487
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.604 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013938.D
Acq: 08 Nov 2019 12:31

Tgt Ion:180 Resp: 60396
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 29.1 14.9 44.9

