

Data File : VW013977.D
Acq On : 12 Nov 2019 16:03
Operator : SY/VA
Sample : VW1112SBSD01
Misc : 5.00G/5.0ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Quant Time: Nov 13 06:43:02 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	246855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	161343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	95404	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	7.88	113	96520	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.32	98	385574	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.62	95	135169	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32922	25.315	ug/l	94
3) Chloromethane	2.21	50	29858	21.363	ug/l	93
4) Vinyl Chloride	2.36	62	50880	24.105	ug/l	98
5) Bromomethane	2.78	94	33650	24.240	ug/l	95
6) Chloroethane	2.92	64	30400	23.802	ug/l	99
7) Trichlorofluoromethane	3.25	101	25969	19.697	ug/l	95
8) Diethyl Ether	3.68	74	25771	24.195	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48737	22.739	ug/l	98
10) Methyl Iodide	4.28	142	82006	23.480	ug/l	99
11) Tert butyl alcohol	5.16	59	18011	162.923	ug/l	98
12) 1,1-Dichloroethene	4.04	96	51568	23.293	ug/l	98
13) Acrolein	3.89	56	11165	88.155	ug/l	93
14) Allyl chloride	4.67	41	73975	21.730	ug/l	99
15) Acrylonitrile	5.36	53	54125	124.967	ug/l	98
16) Acetone	4.12	43	46646	118.800	ug/l	92
17) Carbon Disulfide	4.38	76	147290	23.166	ug/l	99
18) Methyl Acetate	4.66	43	35141	32.649	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	64062	24.113	ug/l	98
20) Methylene Chloride	4.92	84	59728	25.302	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	55096	23.122	ug/l	98
22) Diisopropyl ether	6.31	45	149762	24.117	ug/l	99
23) Vinyl Acetate	6.25	43	429120	119.097	ug/l	99
24) 1,1-Dichloroethane	6.21	63	92093	23.417	ug/l	98
25) 2-Butanone	7.16	43	73421	130.064	ug/l #	88
26) 2,2-Dichloropropane	7.16	77	53315	23.444	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	58561	23.138	ug/l	95
28) Bromochloromethane	7.51	49	24700	18.496	ug/l #	100
29) Tetrahydrofuran	7.52	42	48073	137.554	ug/l	99
30) Chloroform	7.67	83	95584	24.586	ug/l	99
31) Cyclohexane	7.95	56	89194	21.672	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71774	23.526	ug/l	100
36) 1,1-Dichloropropene	8.08	75	75291	22.500	ug/l	99
37) Ethyl Acetate	7.24	43	32922	25.701	ug/l	99
38) Carbon Tetrachloride	8.06	117	68474	22.723	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	92677	21.446	ug/l	96
40) Benzene	8.32	78	216019	22.810	ug/l	100
41) Methacrylonitrile	7.48	41	19762	24.739	ug/l	96
42) 1,2-Dichloroethane	8.40	62	56309	23.595	ug/l	99
43) Isopropyl Acetate	8.42	43	60507	24.677	ug/l	99
44) Trichloroethene	9.09	130	60151	22.174	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51204	22.636	ug/l	95
46) Dibromomethane	9.46	93	26605	24.233	ug/l	97
47) Bromodichloromethane	9.64	83	66679	23.473	ug/l	93
48) Methyl methacrylate	9.43	41	28887	23.757	ug/l	93
49) 1,4-Dioxane	9.45	88	9602	591.860	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	156976	128.835	ug/l	99
52) Toluene	10.38	92	138605	22.690	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	65976	22.942	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	80057	22.564	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38831	23.732	ug/l	98
56) Ethyl methacrylate	10.65	69	50015	24.432	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66542	23.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	101997	108.259	ug/l	99
59) 2-Hexanone	10.96	43	106706	127.035	ug/l	98
60) Dibromochloromethane	11.13	129	45119	23.225	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37655	24.325	ug/l	98
64) Tetrachloroethene	10.86	164	52792	22.040	ug/l	97
65) Chlorobenzene	11.66	112	145000	22.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51132	22.743	ug/l	98
67) Ethyl Benzene	11.73	91	256895	22.115	ug/l	99
68) m/p-Xylenes	11.83	106	198328	44.191	ug/l	99
69) o-Xylene	12.16	106	92750	22.484	ug/l	100
70) Styrene	12.18	104	161156	22.737	ug/l	99
71) Bromoform	12.35	173	27506	23.313	ug/l #	97
73) Isopropylbenzene	12.46	105	254044	21.926	ug/l	100
74) N-amyl acetate	12.27	43	54995	24.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44114	24.127	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	57112	49.291	ug/l #	100
77) Bromobenzene	12.74	156	63553	22.961	ug/l	100
78) n-propylbenzene	12.80	91	299195	22.310	ug/l	99
79) 2-Chlorotoluene	12.89	91	169441	22.483	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	219974	22.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14544	23.722	ug/l	97
82) 4-Chlorotoluene	12.99	91	176479	22.305	ug/l	99
83) tert-Butylbenzene	13.21	119	194738	22.430	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	218095	22.604	ug/l	98
85) sec-Butylbenzene	13.38	105	260717	21.960	ug/l	100
86) p-Isopropyltoluene	13.50	119	244074	22.070	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121573	22.670	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	121283	22.764	ug/l	99
89) n-Butylbenzene	13.82	91	215074	21.545	ug/l	99
90) Hexachloroethane	14.09	117	39764	20.686	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	106010	22.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7217	26.103	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111219\
Quantitation Report (Not Reviewed)

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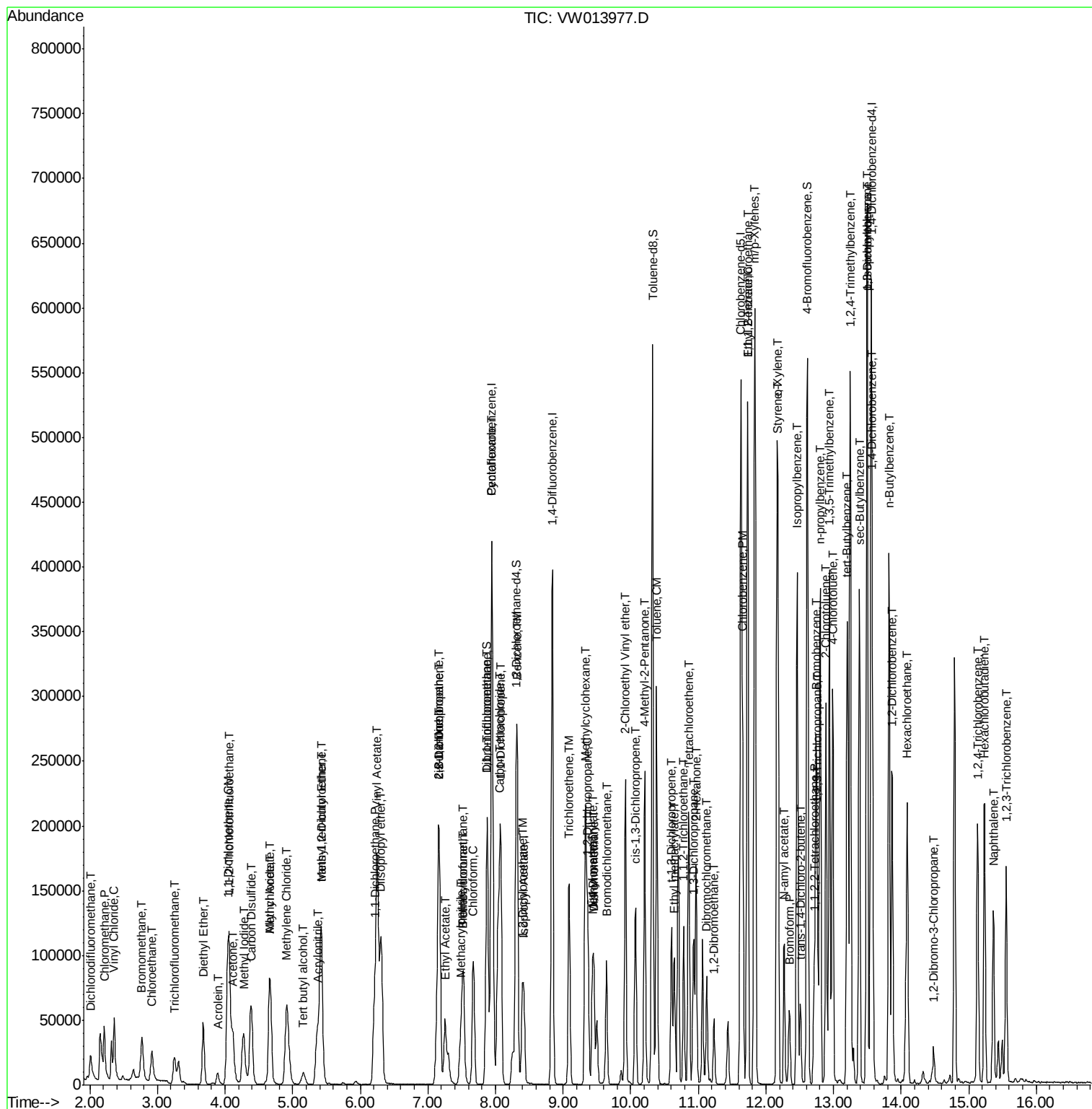
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72929	21.551	ug/l	99
94) Hexachlorobutadiene	15.24	225	50295	22.016	ug/l	97
95) Naphthalene	15.36	128	118643	22.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62598	21.467	ug/l	97

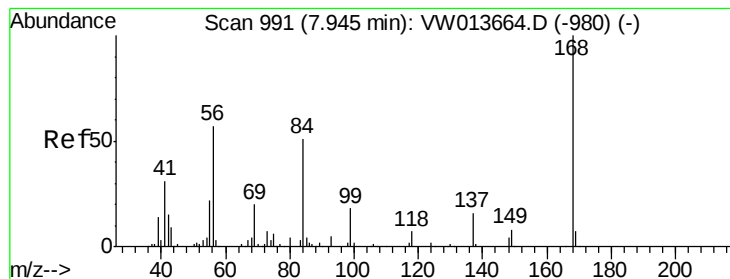
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

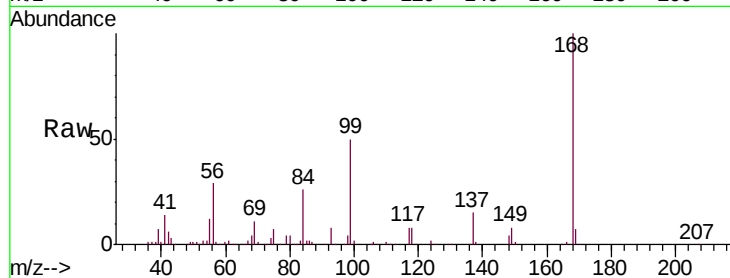
VW1112SBSD01

Tgt Ion:168 Resp: 246855

Ion Ratio Lower Upper

168 100

99 49.6 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

120000

100000

80000

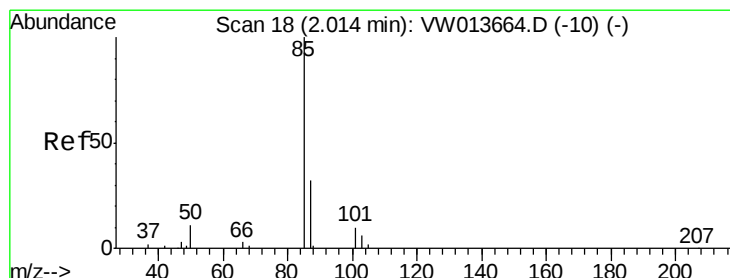
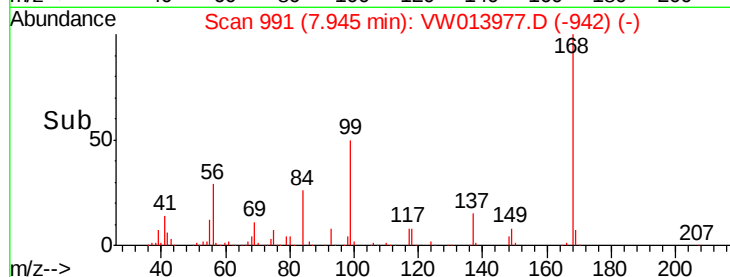
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 25.315 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW013977.D

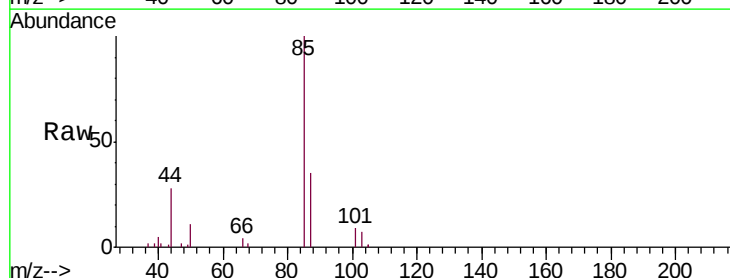
Acq: 12 Nov 2019 16:03

Tgt Ion: 85 Resp: 32922

Ion Ratio Lower Upper

85 100

87 35.2 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

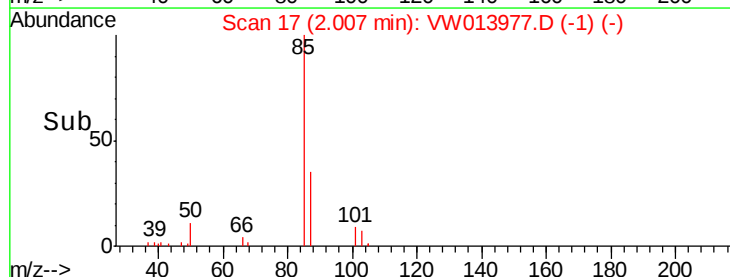
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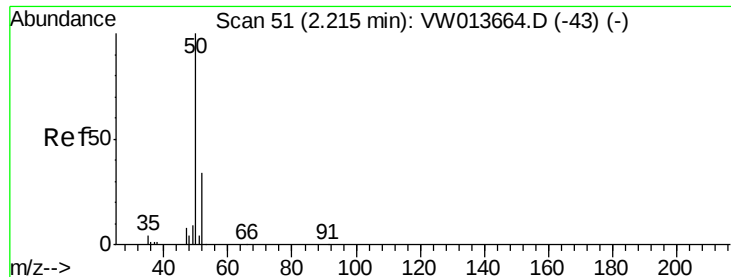
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.363 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

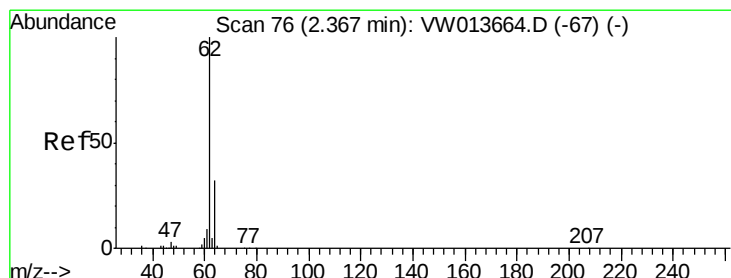
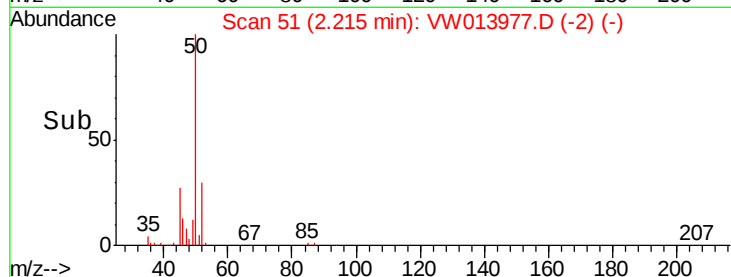
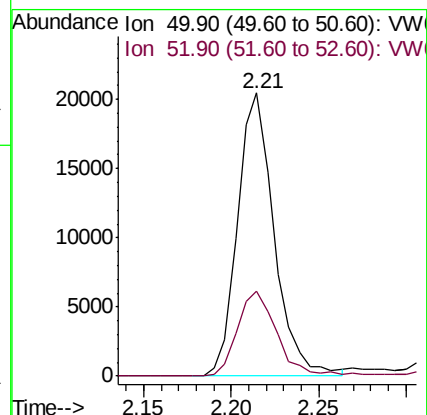
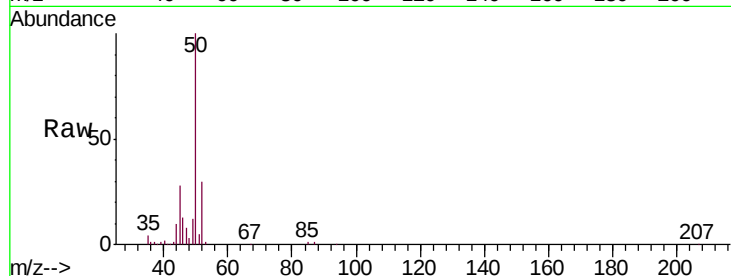
VW1112SBSD01

Tgt Ion: 50 Resp: 29858

Ion Ratio Lower Upper

50 100

52 29.8 26.9 40.3



#4

Vinyl Chloride

Concen: 24.105 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013977.D

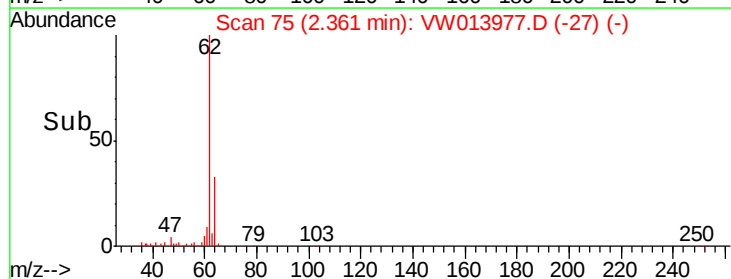
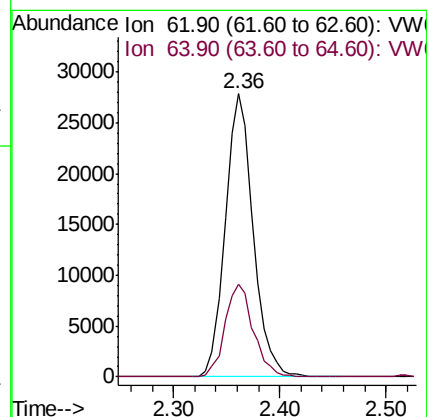
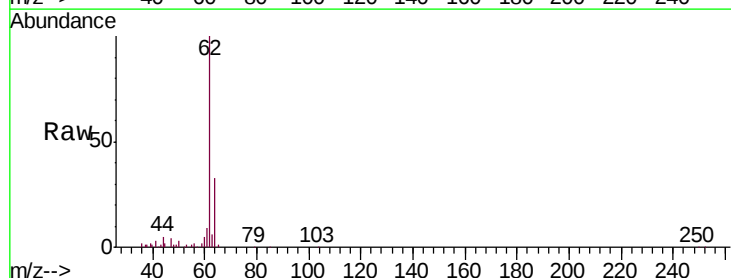
Acq: 12 Nov 2019 16:03

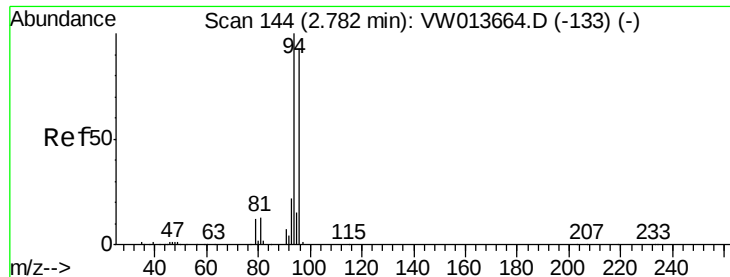
Tgt Ion: 62 Resp: 50880

Ion Ratio Lower Upper

62 100

64 32.9 25.5 38.3





#5

Bromomethane

Concen: 24.240 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

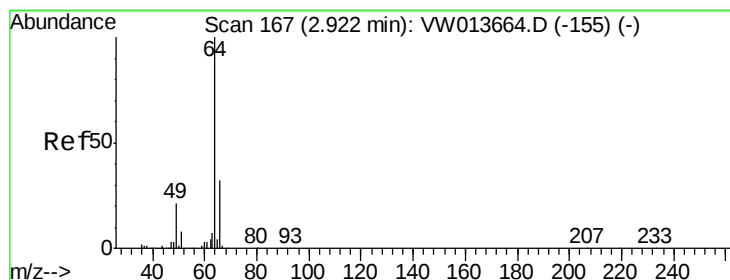
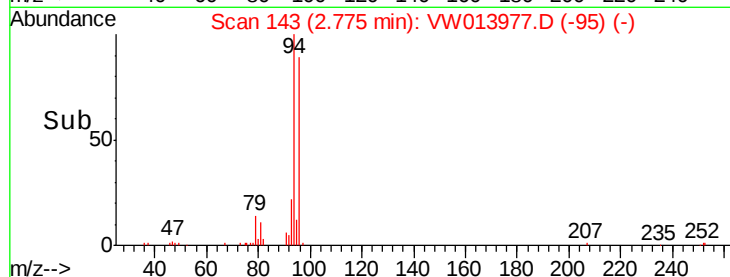
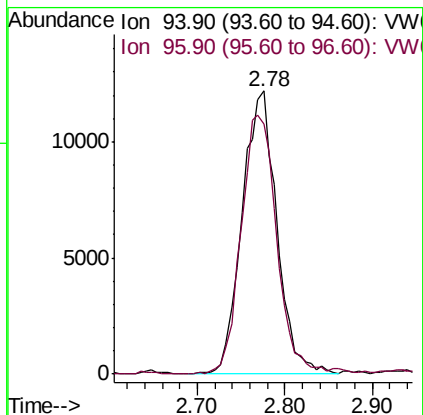
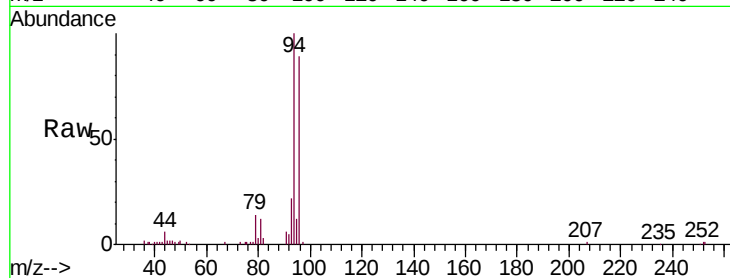
VW1112SBSD01

Tgt Ion: 94 Resp: 33650

Ion Ratio Lower Upper

94 100

96 88.5 74.6 112.0



#6

Chloroethane

Concen: 23.802 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW013977.D

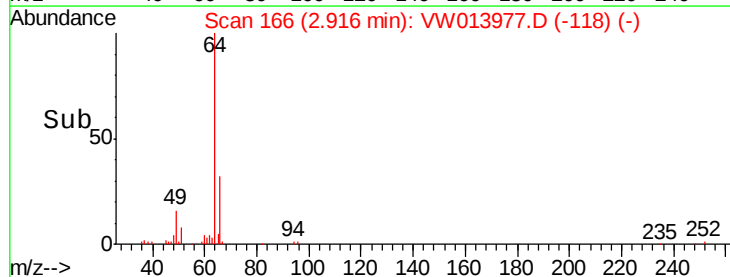
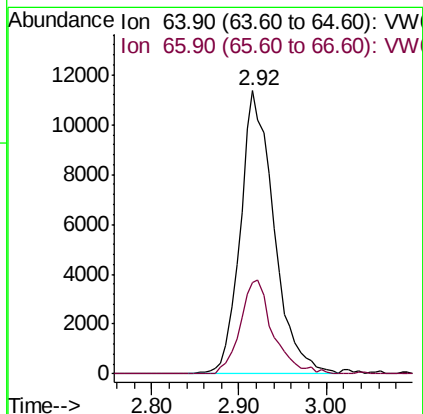
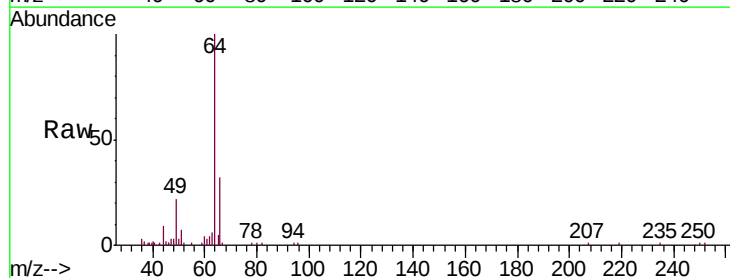
Acq: 12 Nov 2019 16:03

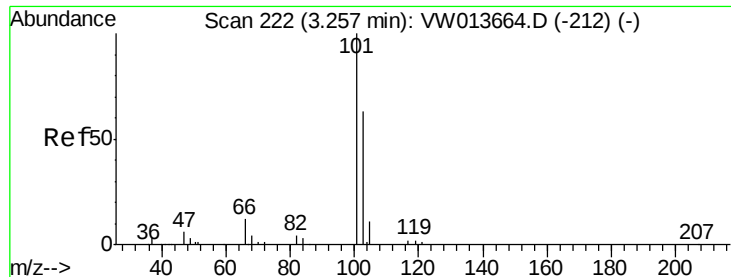
Tgt Ion: 64 Resp: 30400

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



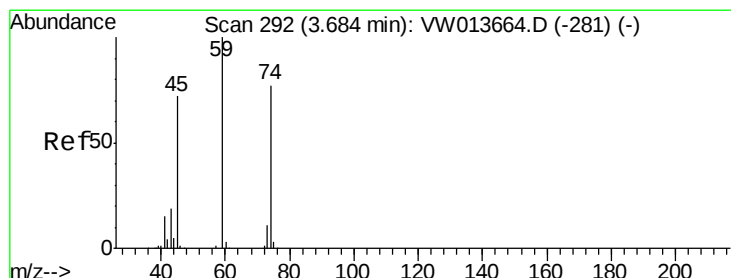
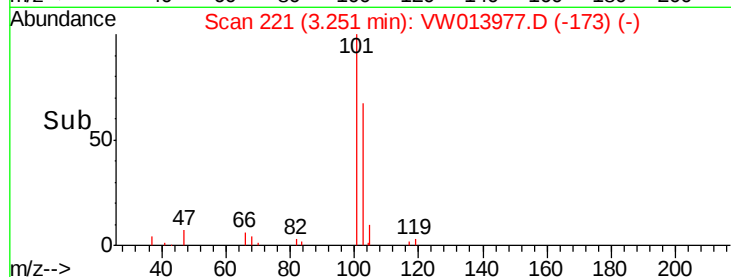
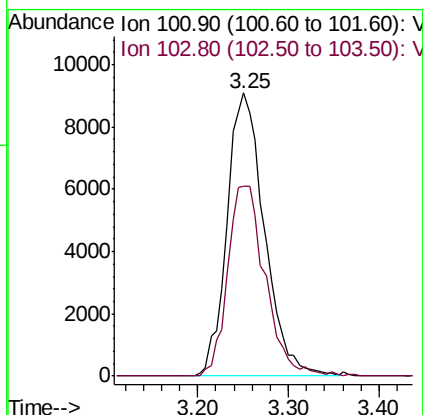
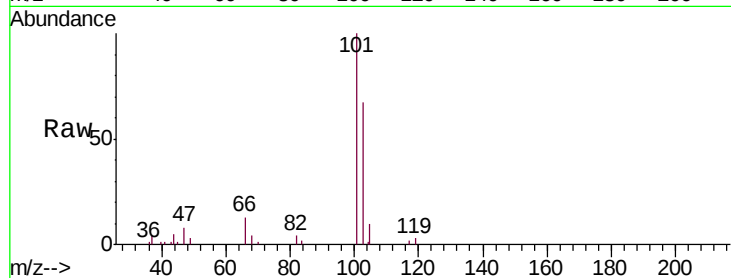


#7

Trichlorofluoromethane
 Concen: 19.697 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW013977.D
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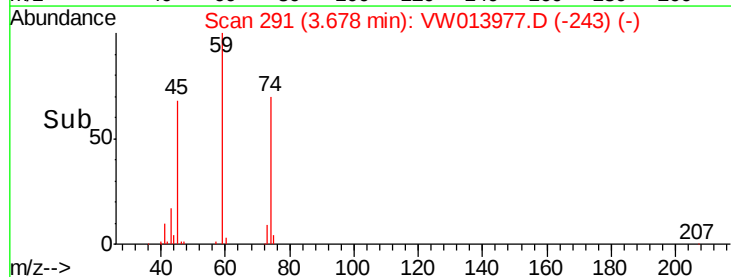
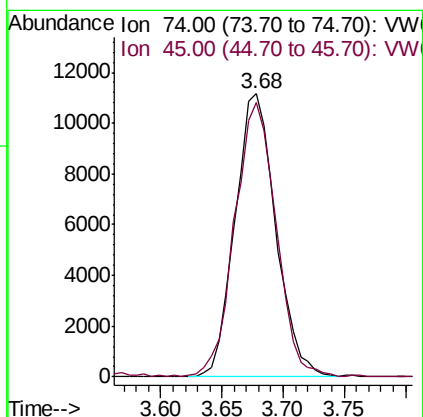
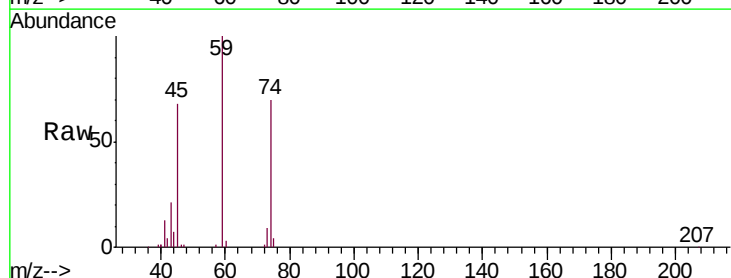
Tgt Ion:101 Resp: 25969
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.6 76.0

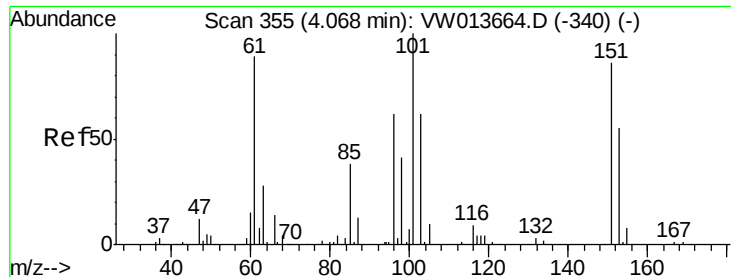


#8

Diethyl Ether
 Concen: 24.195 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 74 Resp: 25771
 Ion Ratio Lower Upper
 74 100
 45 98.6 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.739 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

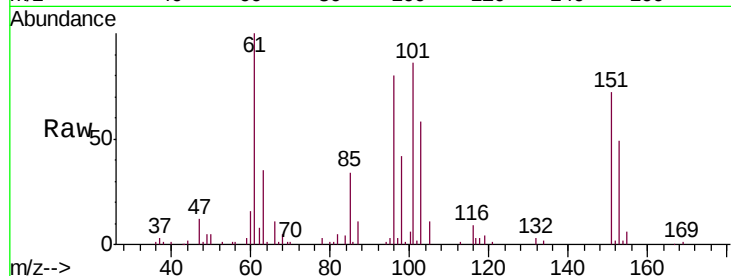
Tgt Ion:101 Resp: 48737

Ion Ratio Lower Upper

101 100

85 41.8 31.0 46.6

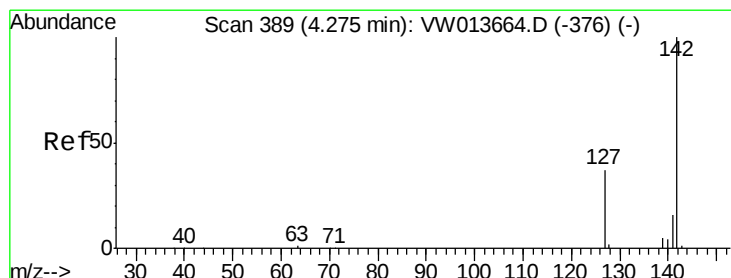
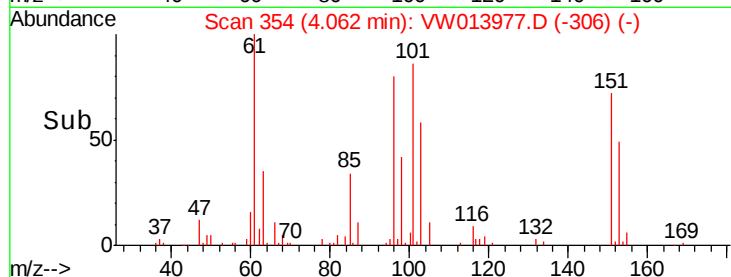
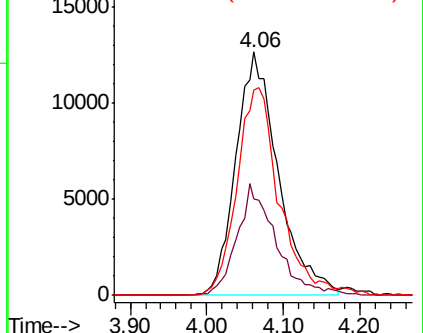
151 85.5 68.2 102.4



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: 23.480 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

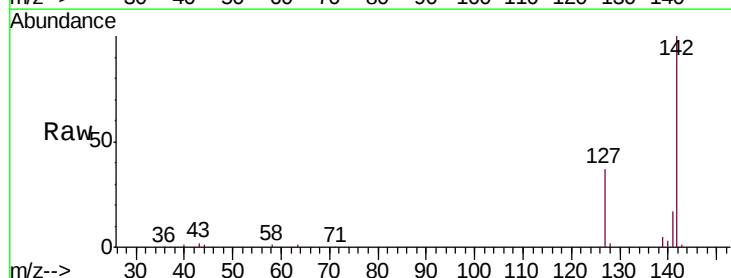
Tgt Ion:142 Resp: 82006

Ion Ratio Lower Upper

142 100

127 38.5 30.3 45.5

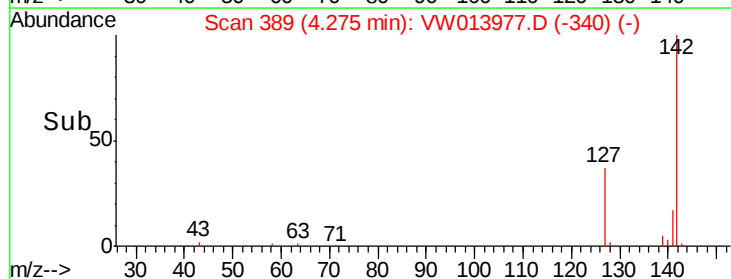
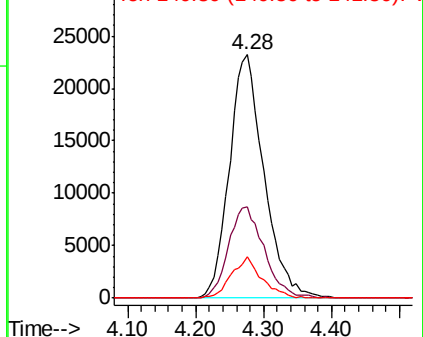
141 14.9 11.8 17.8

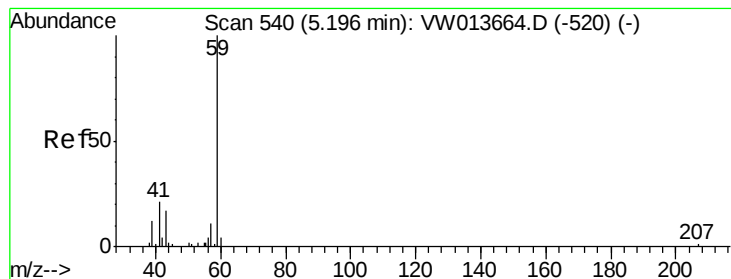


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



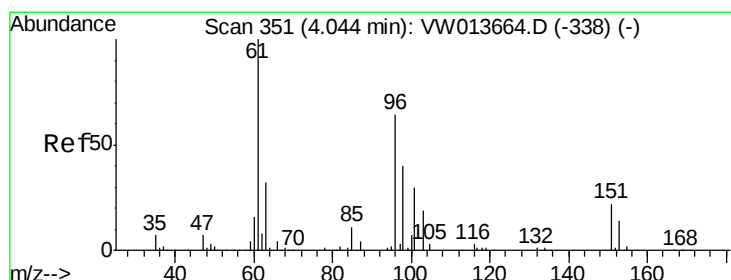
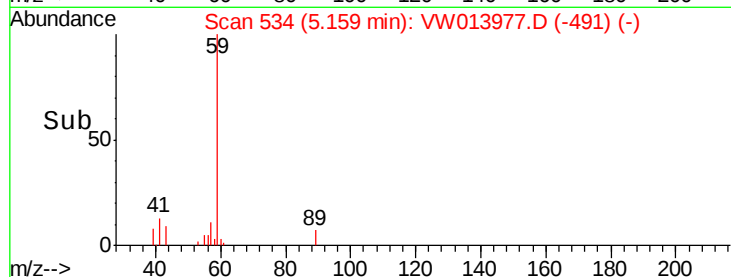
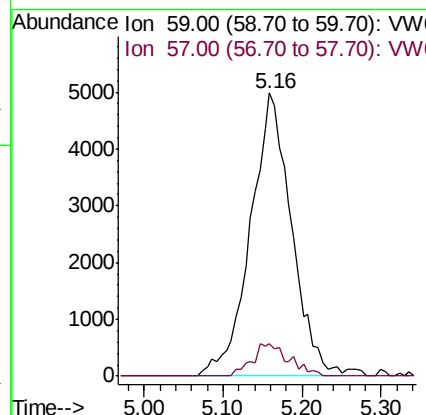
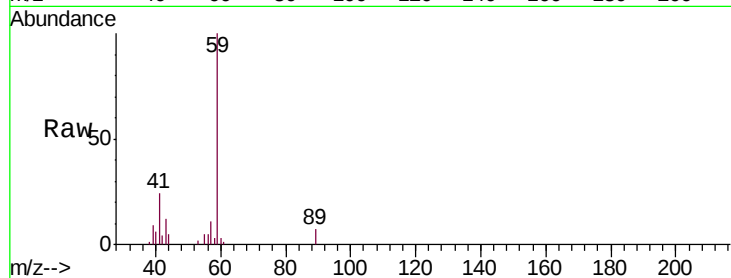


#11

Tert butyl alcohol
Concen: 162.923 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.04 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

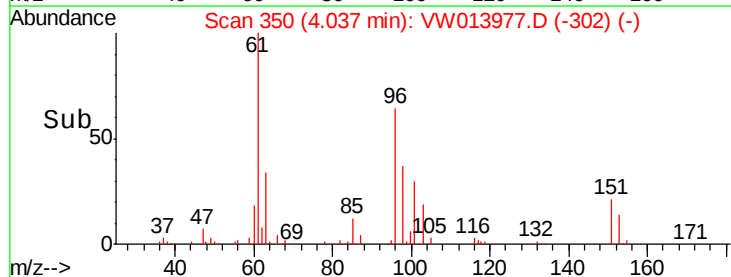
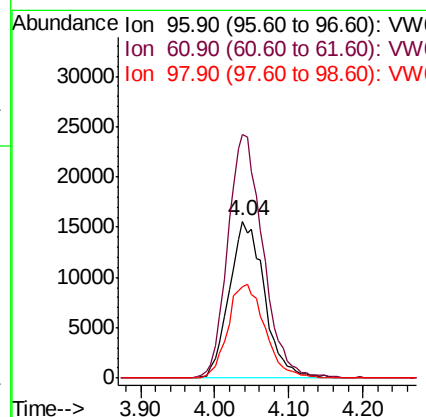
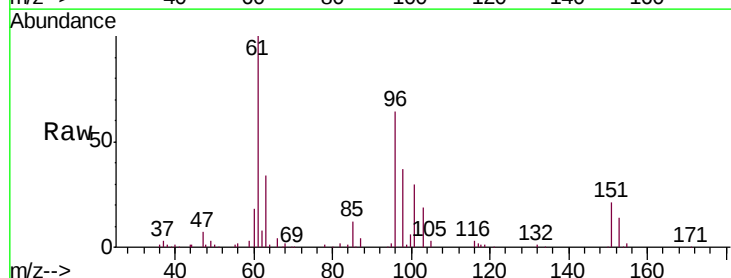
Tgt Ion: 59 Resp: 18011
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2

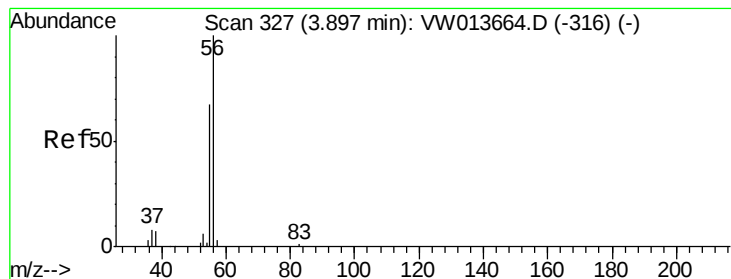


#12

1,1-Dichloroethene
Concen: 23.293 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 96 Resp: 51568
Ion Ratio Lower Upper
96 100
61 155.3 125.0 187.6
98 58.1 50.3 75.5





#13

Acrolein

Concen: 88.155 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

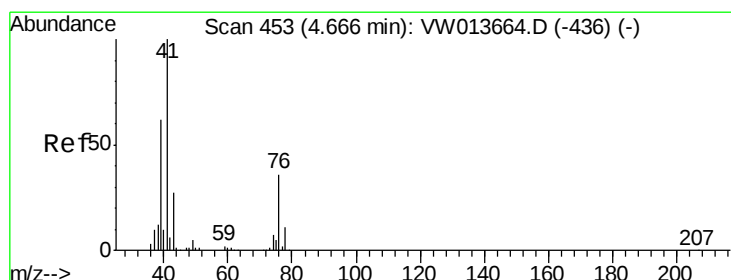
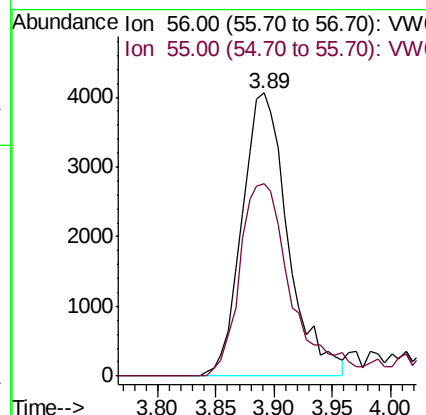
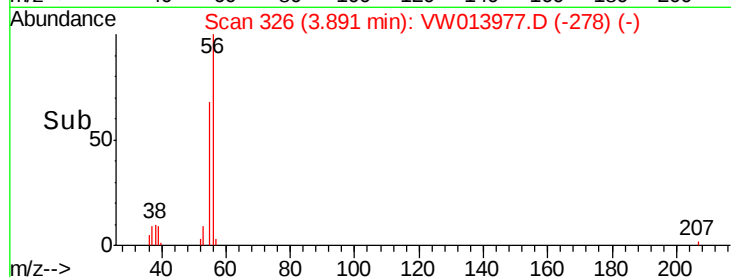
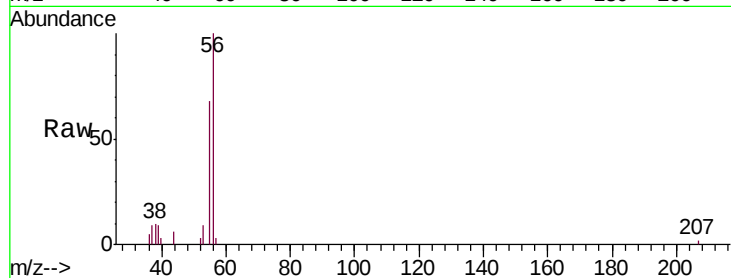
VW1112SBSD01

Tgt Ion: 56 Resp: 11165

Ion Ratio Lower Upper

56 100

55 75.5 56.1 84.1



#14

Allyl chloride

Concen: 21.730 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

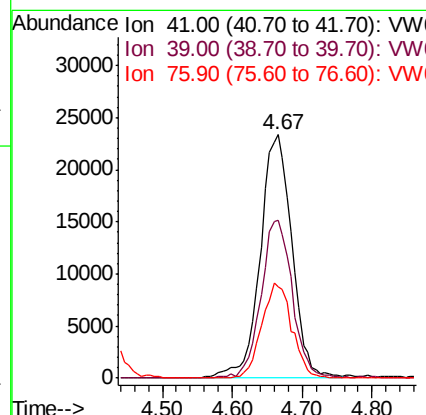
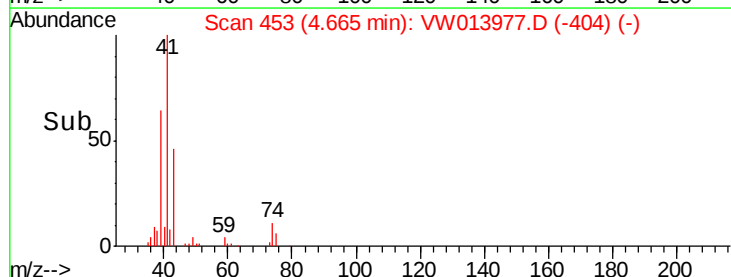
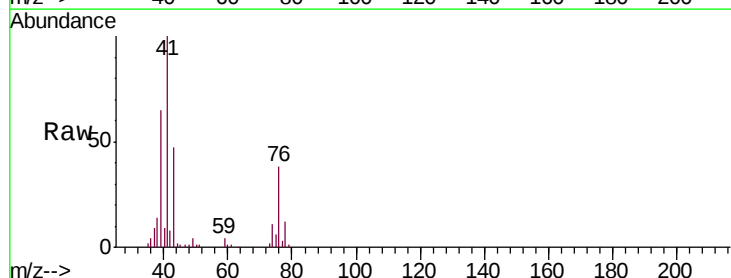
Tgt Ion: 41 Resp: 73975

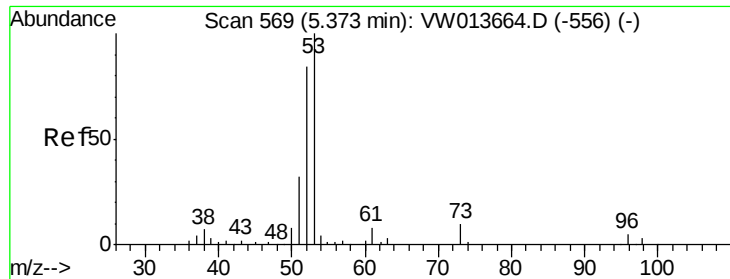
Ion Ratio Lower Upper

41 100

39 63.8 50.0 75.0

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 124.967 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

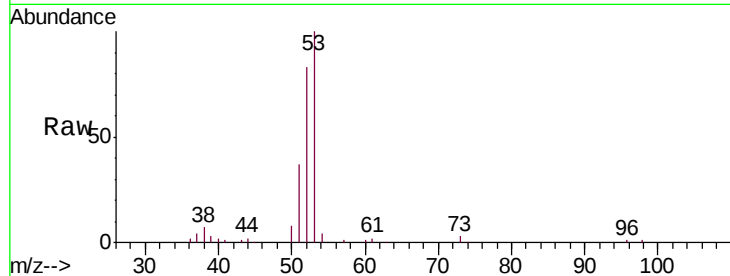
Tgt Ion: 53 Resp: 54125

Ion Ratio Lower Upper

53 100

52 81.2 67.4 101.0

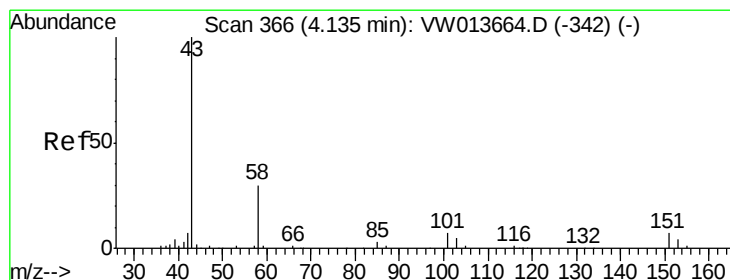
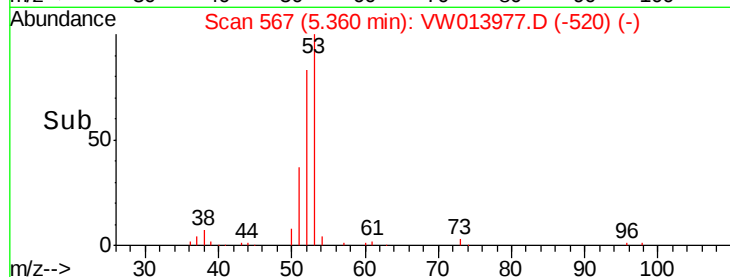
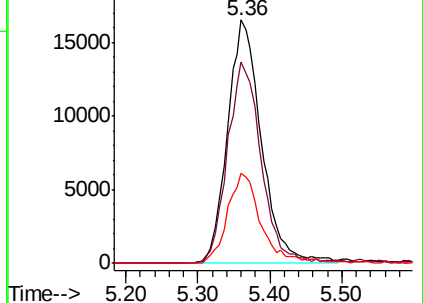
51 36.4 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 118.800 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013977.D

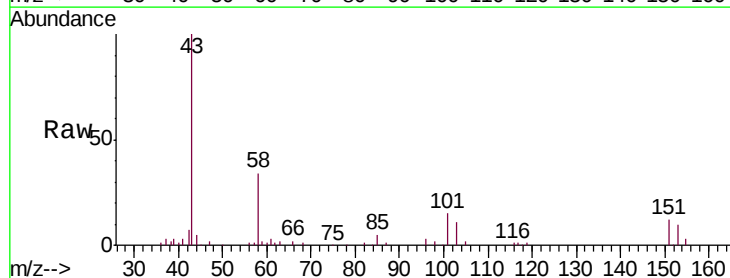
Acq: 12 Nov 2019 16:03

Tgt Ion: 43 Resp: 46646

Ion Ratio Lower Upper

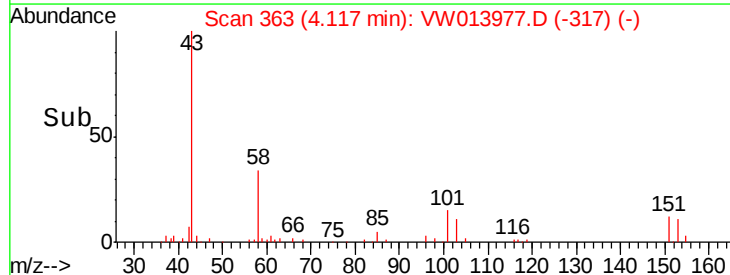
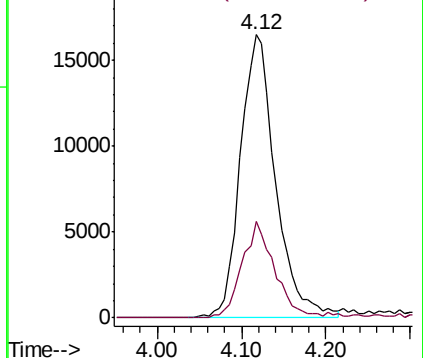
43 100

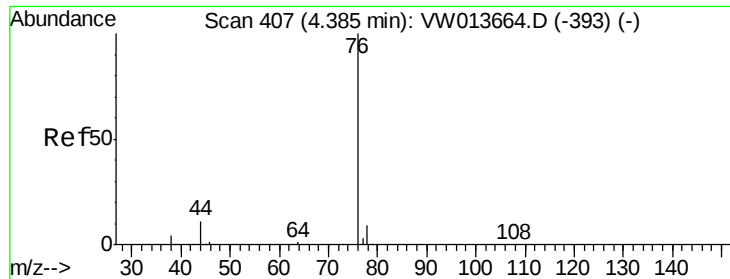
58 34.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

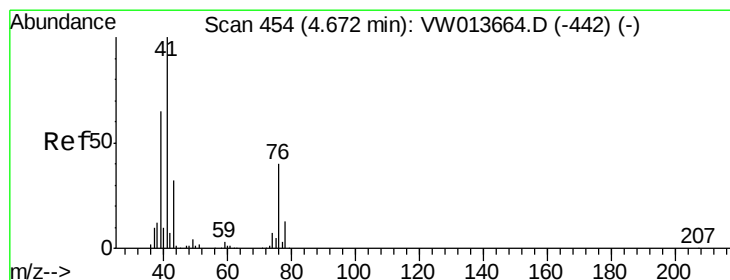
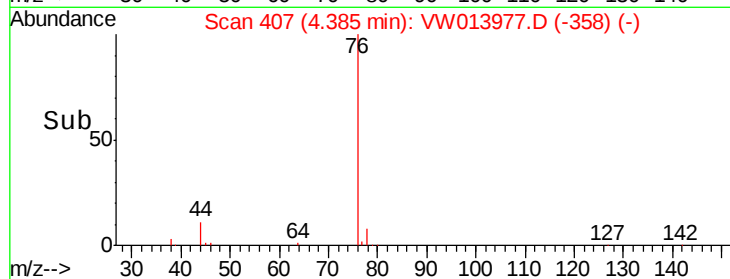
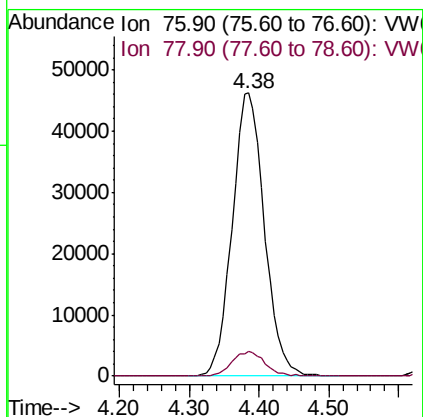
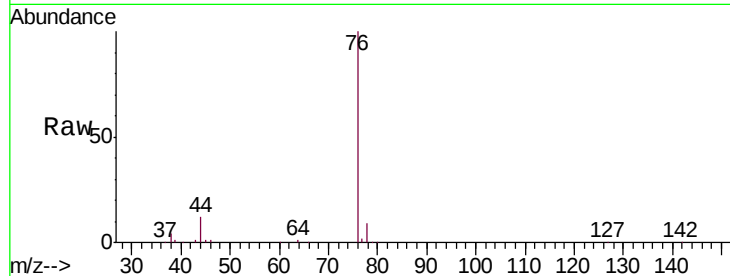




#17
Carbon Disulfide
Concen: 23.166 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

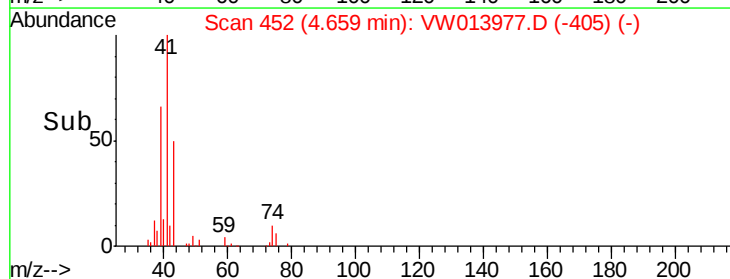
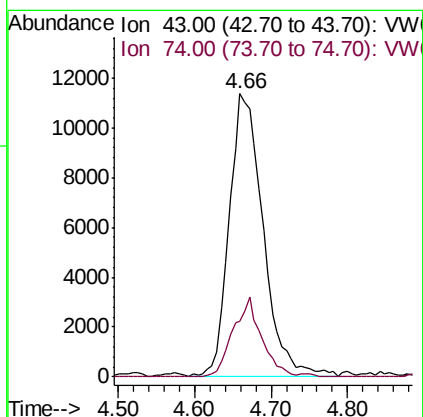
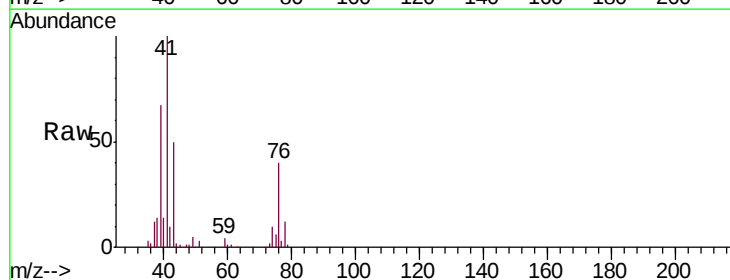
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

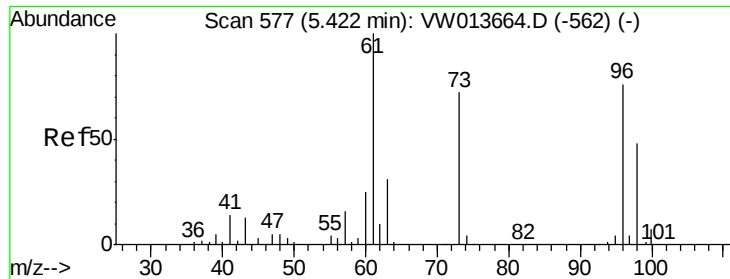
Tgt Ion: 76 Resp: 147290
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 32.649 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 43 Resp: 35141
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.8

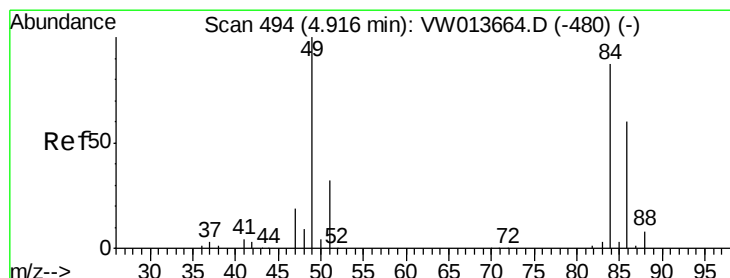
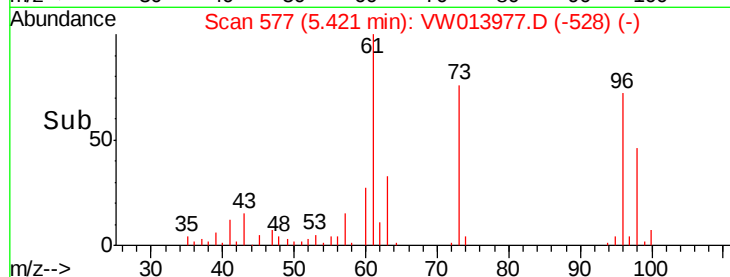
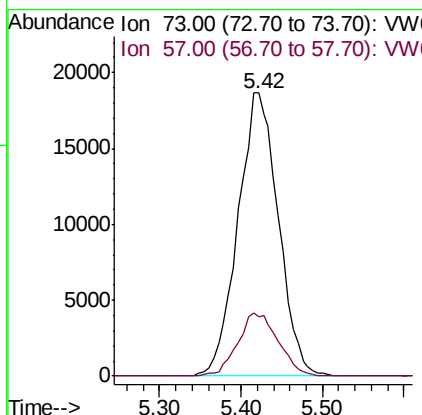
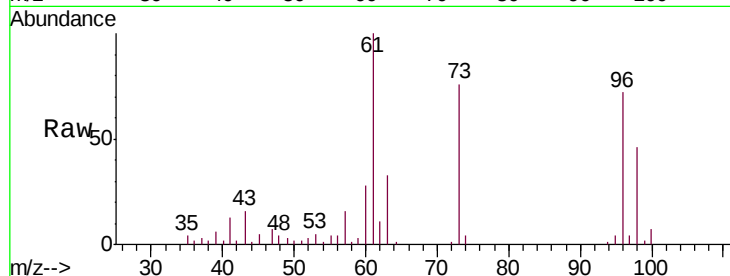




#19
Methyl tert-butyl Ether
Concen: 24.113 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

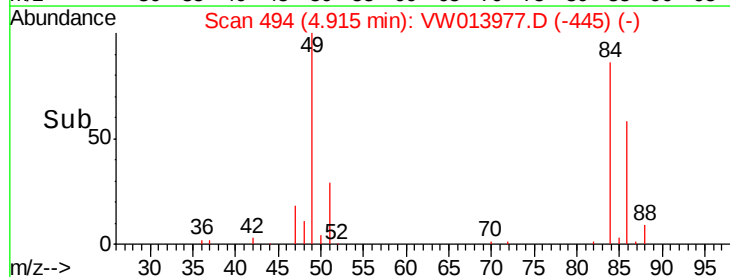
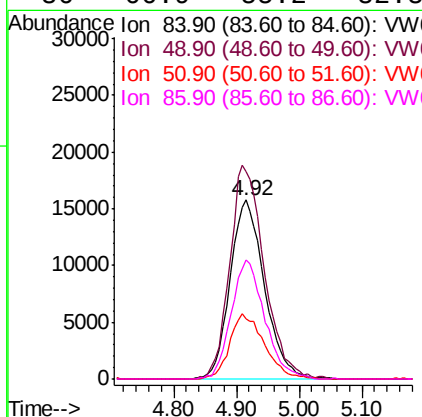
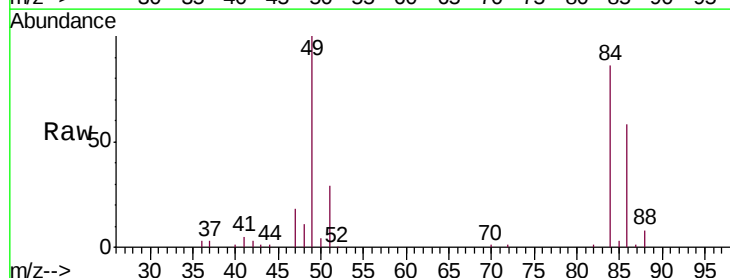
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

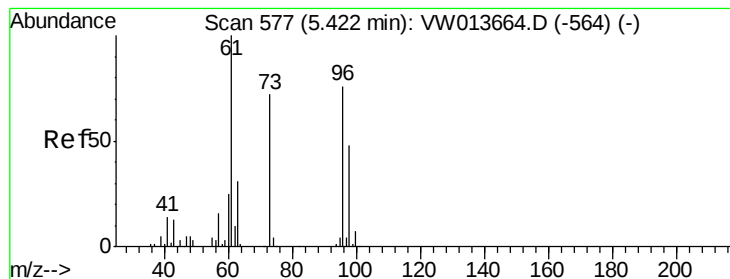
Tgt Ion: 73 Resp: 64062
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4



#20
Methylene Chloride
Concen: 25.302 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 84 Resp: 59728
Ion Ratio Lower Upper
84 100
49 116.1 91.8 137.6
51 33.3 29.8 44.6
86 66.9 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 23.122 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

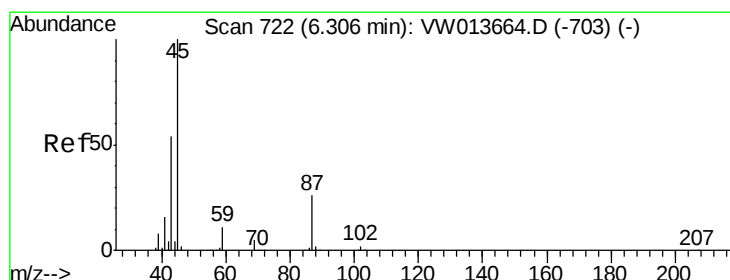
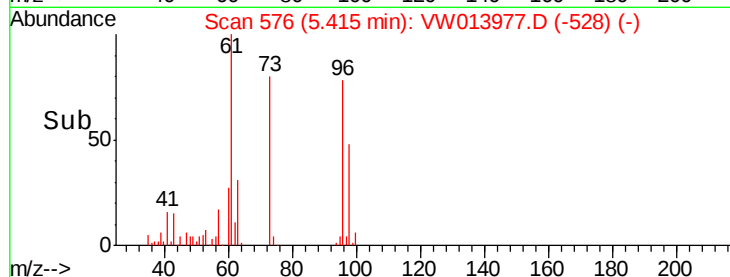
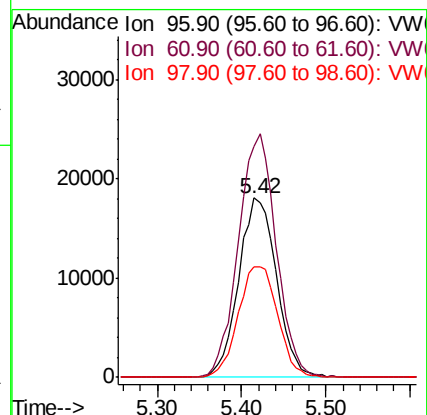
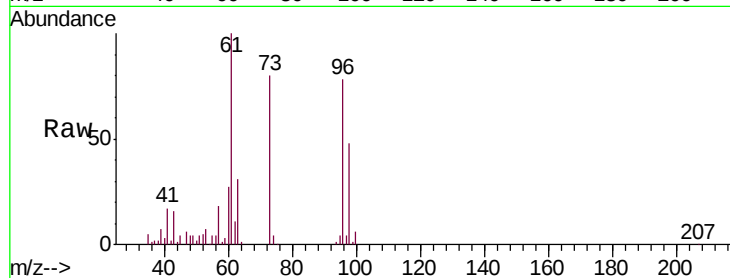
Tgt Ion: 96 Resp: 55096

Ion Ratio Lower Upper

96 100

61 128.5 104.8 157.2

98 61.9 50.6 76.0



#22

Diisopropyl ether

Concen: 24.117 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Tgt Ion: 45 Resp: 149762

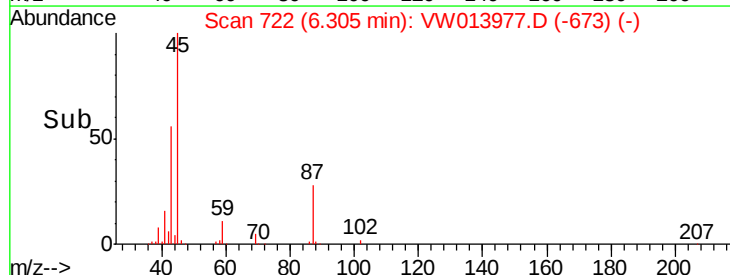
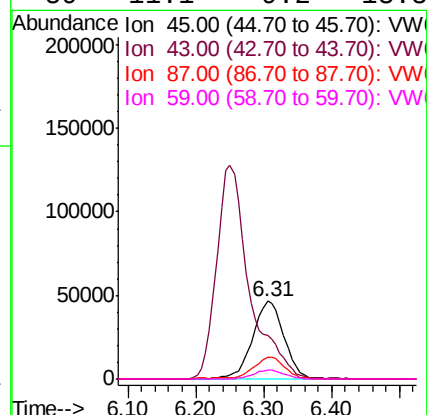
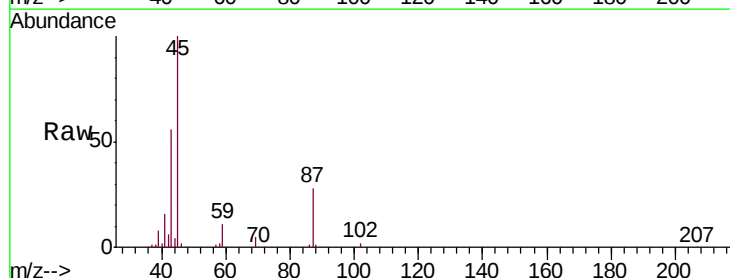
Ion Ratio Lower Upper

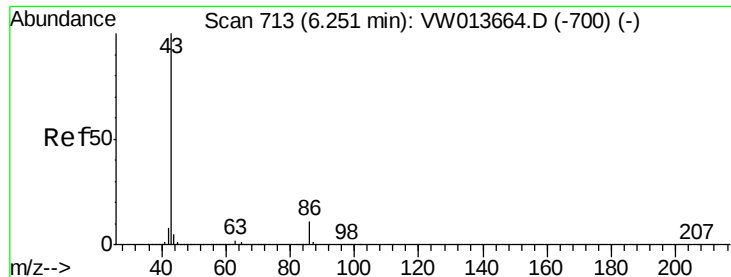
45 100

43 54.9 43.4 65.2

87 27.5 21.5 32.3

59 11.1 9.2 13.8

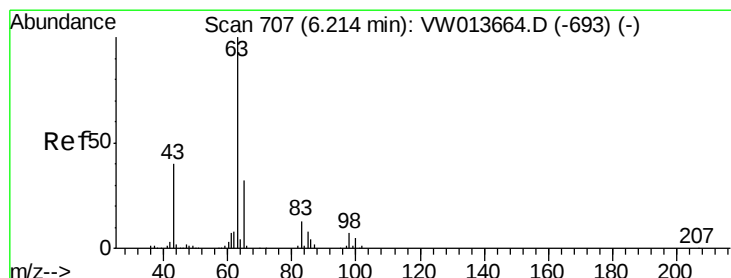
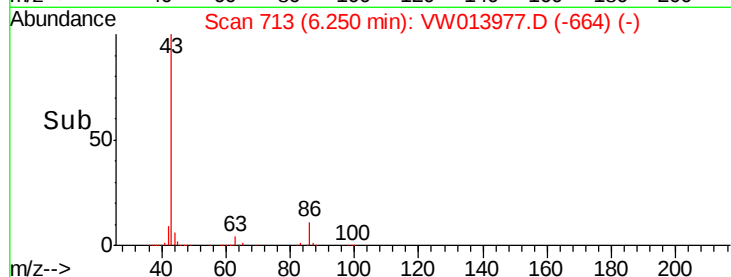
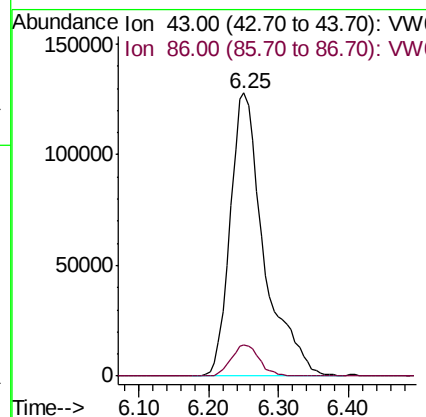
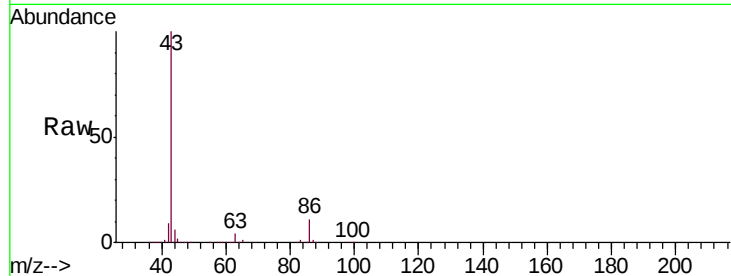




#23
 Vinyl Acetate
 Concen: 119.097 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

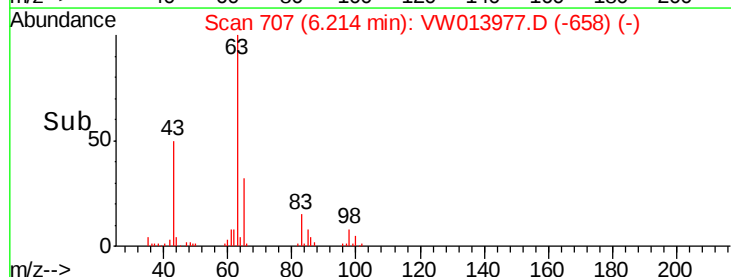
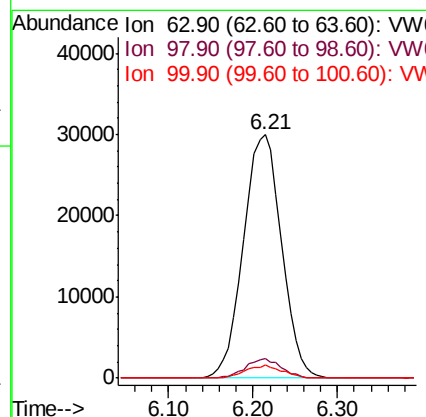
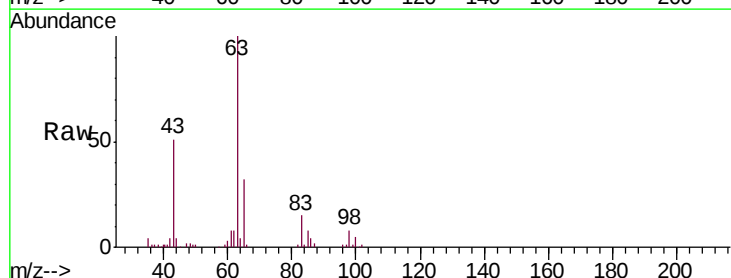
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

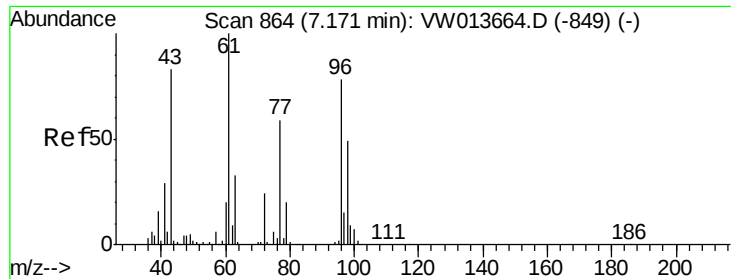
Tgt Ion: 43 Resp: 429120
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 23.417 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 63 Resp: 92093
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 5.4 2.5 7.4





#25

2-Butanone

Concen: 130.064 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

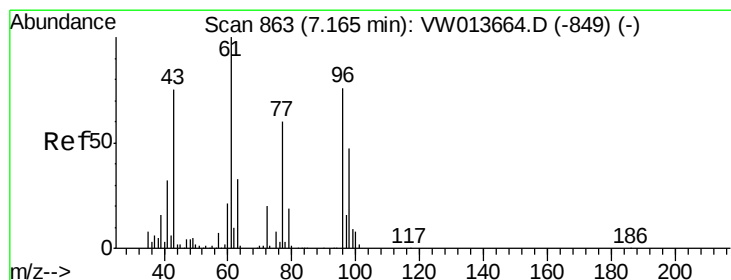
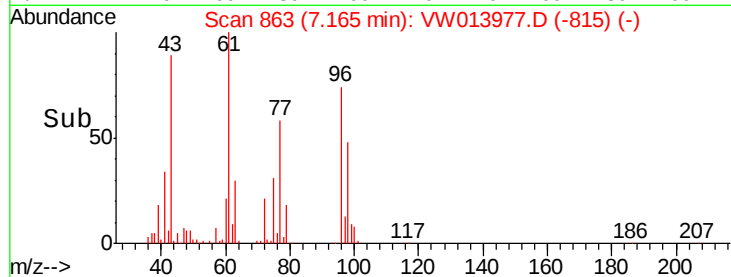
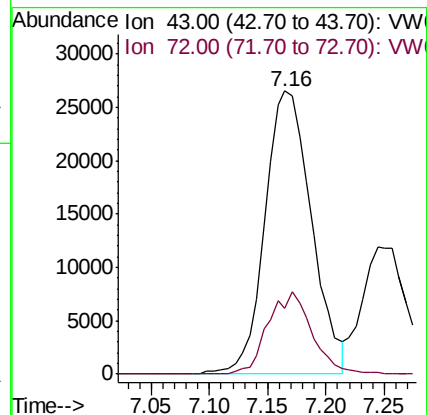
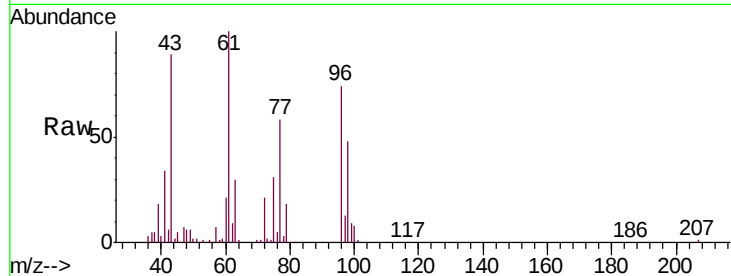
VW1112SBSD01

Tgt Ion: 43 Resp: 73421

Ion Ratio Lower Upper

43 100

72 23.3 23.6 35.4#



#26

2,2-Dichloropropane

Concen: 23.444 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013977.D

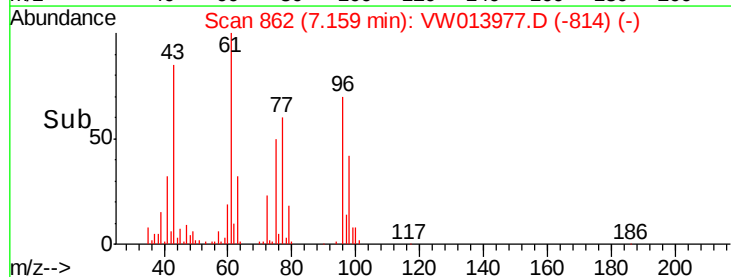
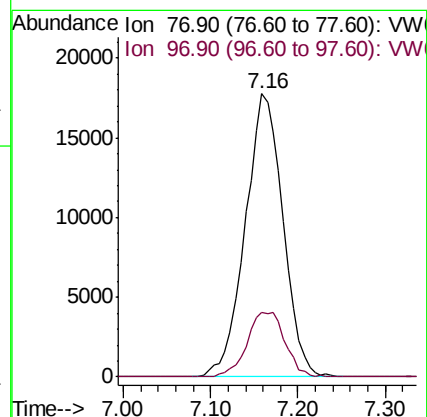
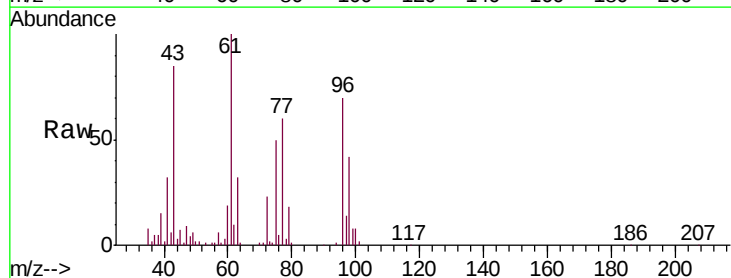
Acq: 12 Nov 2019 16:03

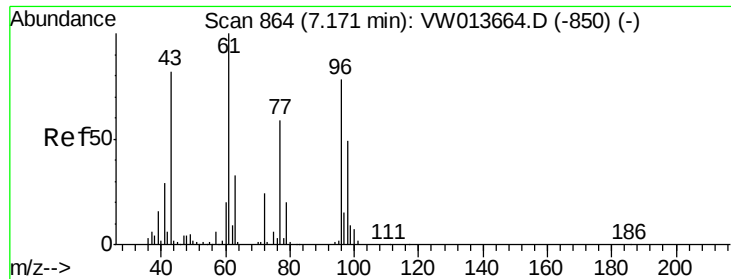
Tgt Ion: 77 Resp: 53315

Ion Ratio Lower Upper

77 100

97 23.0 12.8 38.4



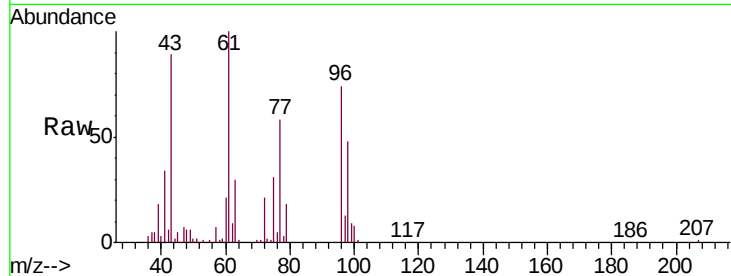


#27

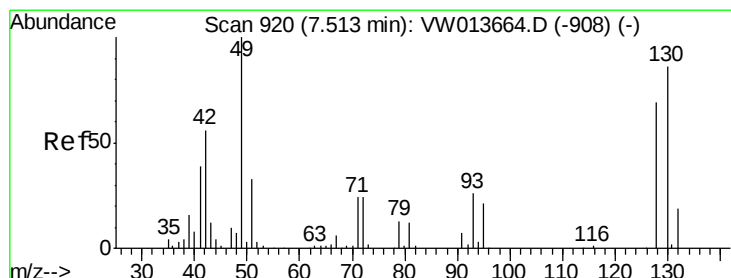
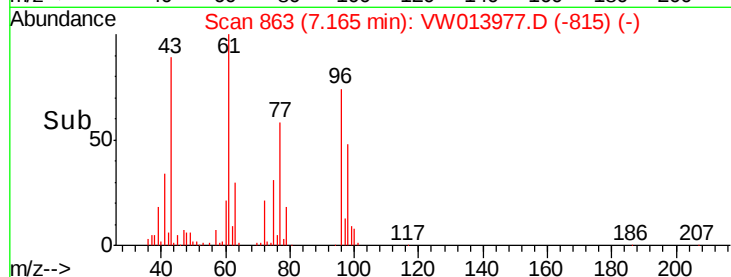
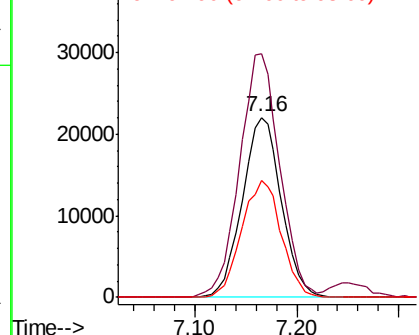
cis-1,2-Dichloroethene
 Concen: 23.138 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion: 96 Resp: 58561
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 266.0
 98 66.0 0.0 126.8



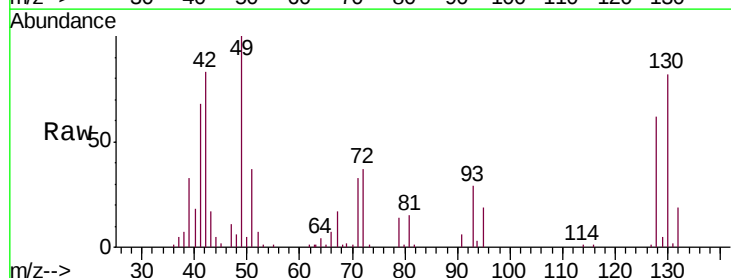
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



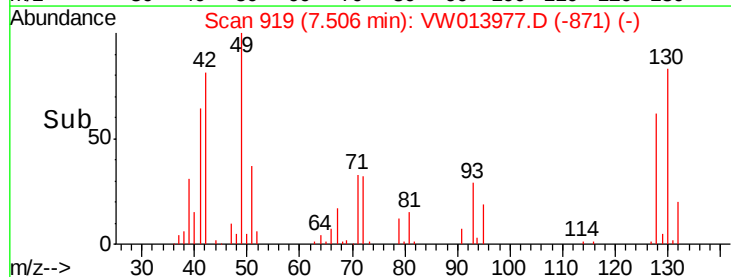
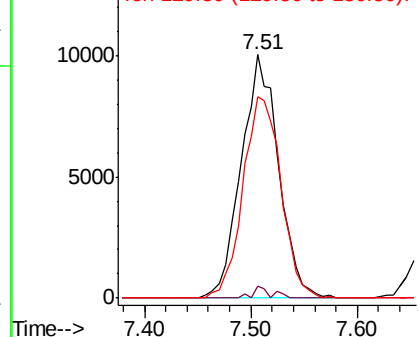
#28

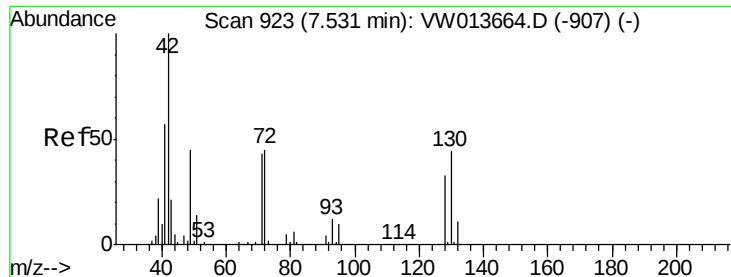
Bromochloromethane
 Concen: 18.496 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 49 Resp: 24700
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 0.6#
 130 84.1 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

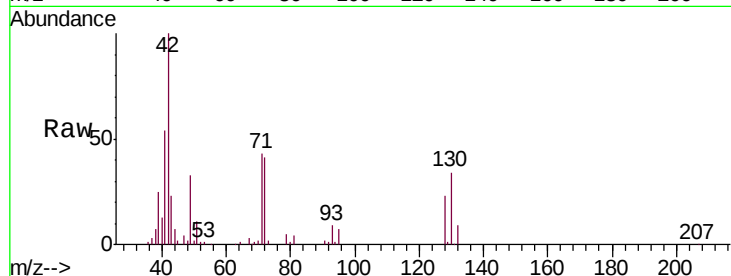




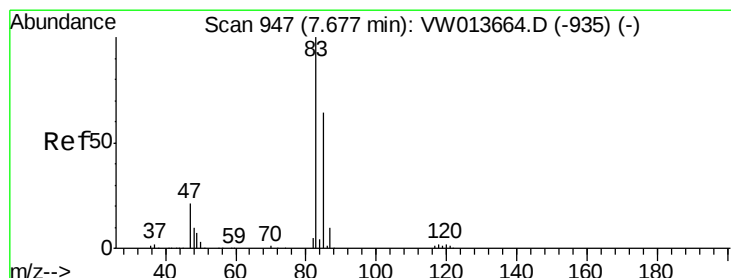
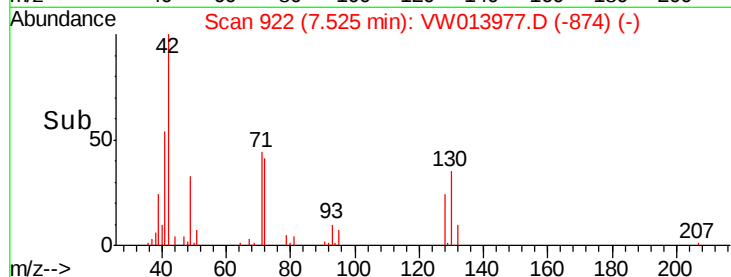
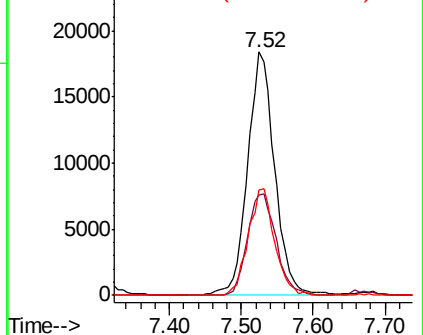
#29
Tetrahydrofuran
Concen: 137.554 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion: 42 Resp: 48073
Ion Ratio Lower Upper
42 100
72 44.1 35.3 52.9
71 42.5 33.3 49.9

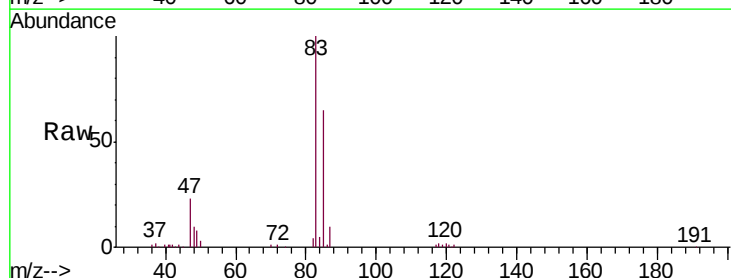


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

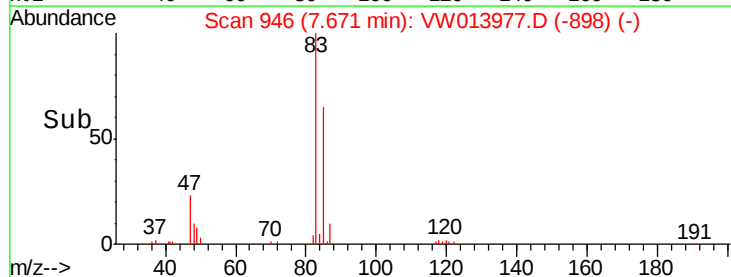
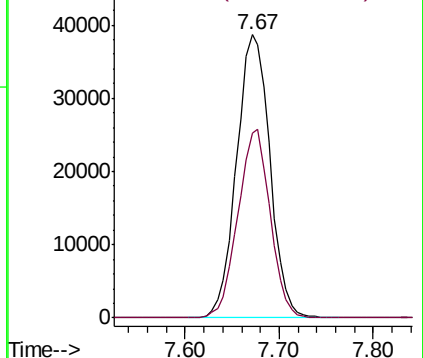


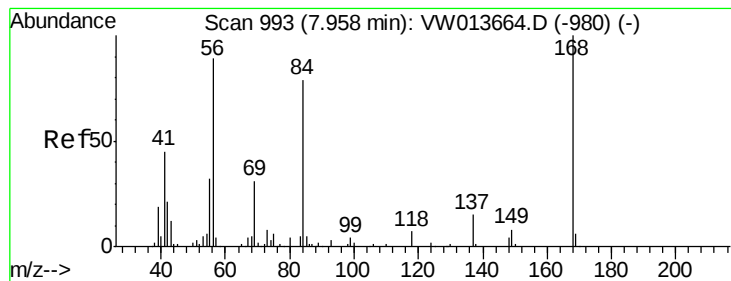
#30
Chloroform
Concen: 24.586 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 83 Resp: 95584
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 21.672 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

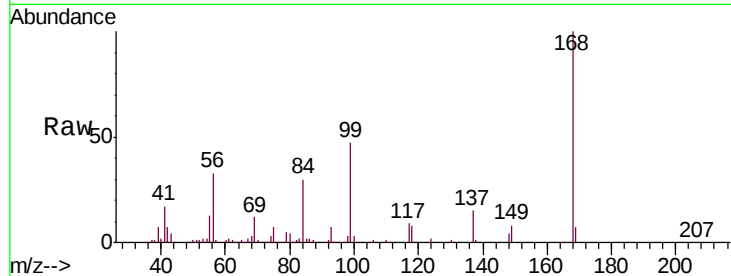
Tgt Ion: 56 Resp: 89194

Ion Ratio Lower Upper

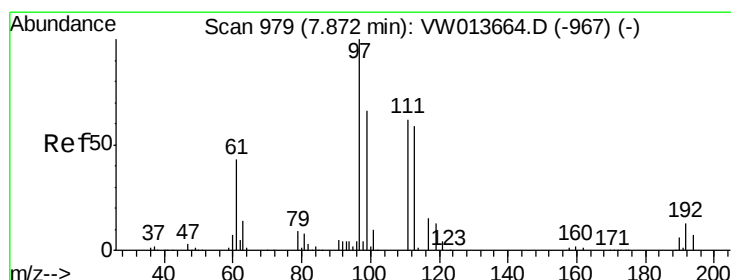
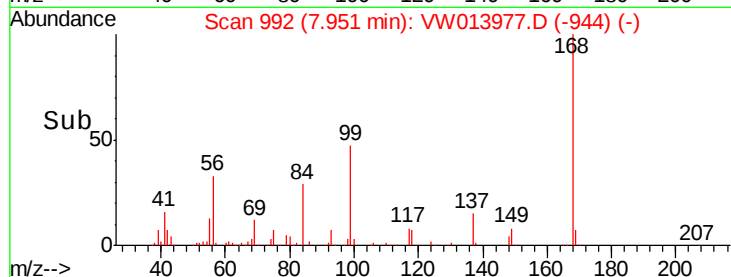
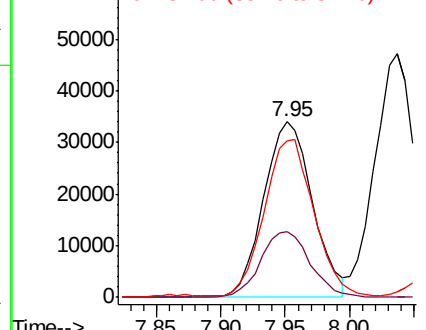
56 100

69 37.5 27.5 41.3

84 88.3 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 23.526 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

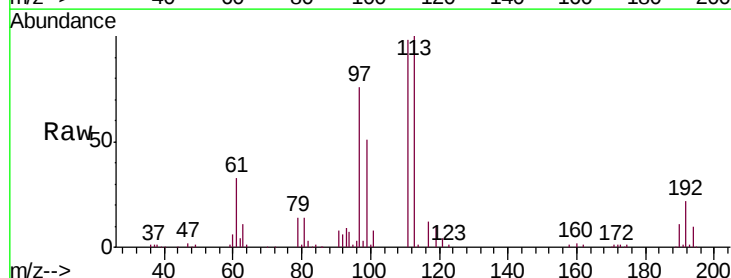
Tgt Ion: 97 Resp: 71774

Ion Ratio Lower Upper

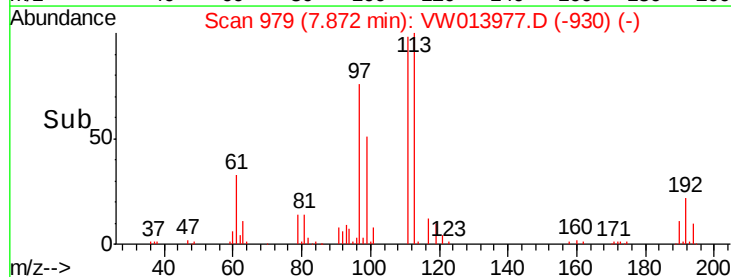
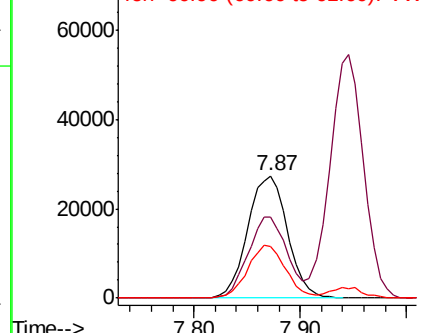
97 100

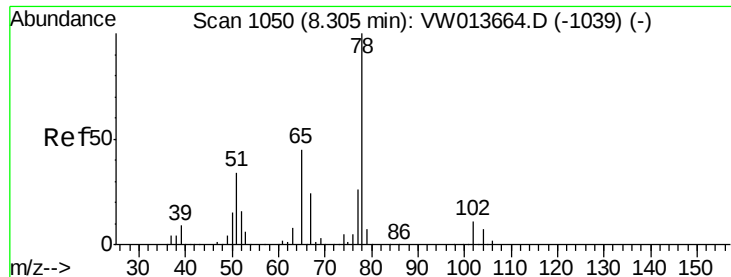
99 65.0 52.0 78.0

61 41.5 33.8 50.6



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





#33

1,2-Dichloroethane-d4

Concen: 51.519 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

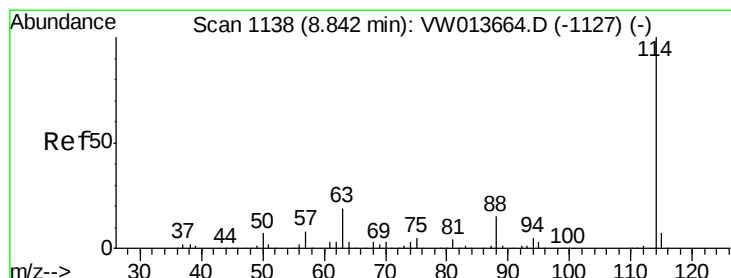
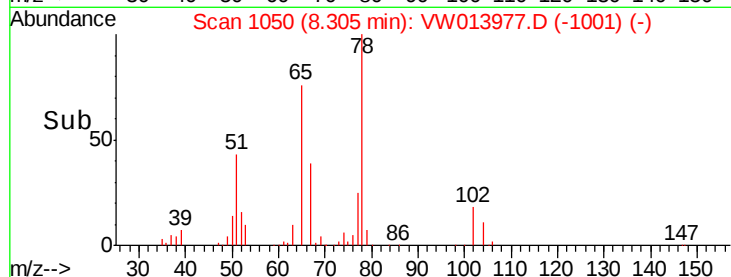
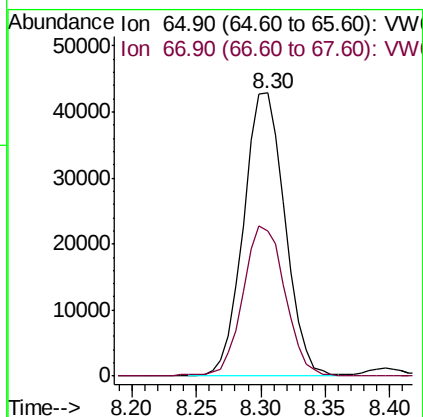
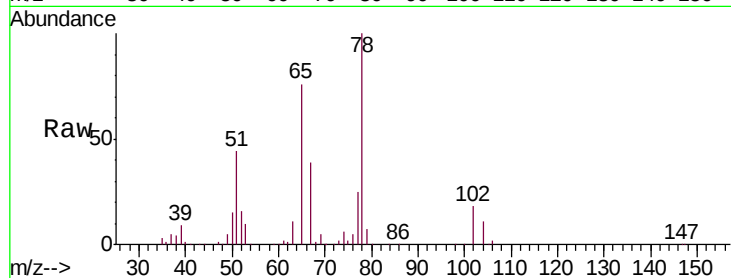
VW1112SBSD01

Tgt Ion: 65 Resp: 95404

Ion Ratio Lower Upper

65 100

67 54.2 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: VW013977.D

Acq: 12 Nov 2019 16:03

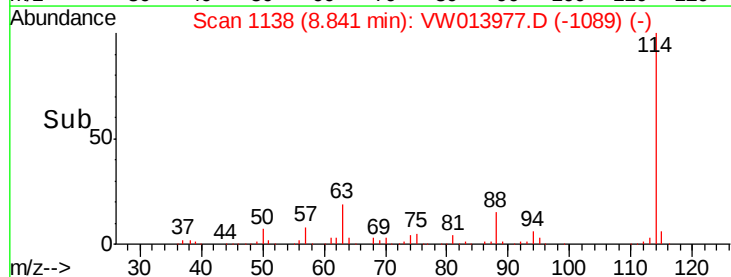
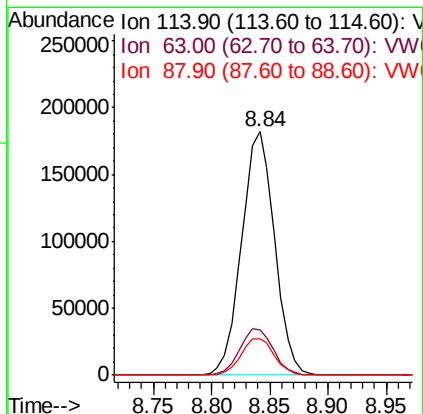
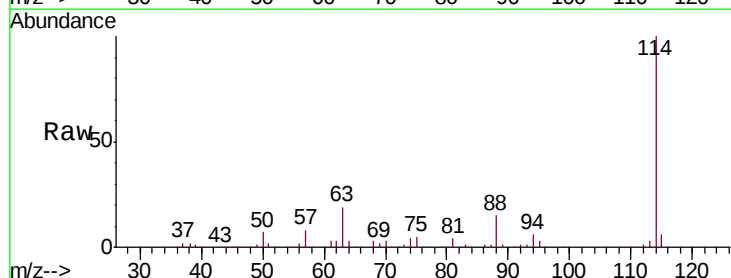
Tgt Ion: 114 Resp: 359316

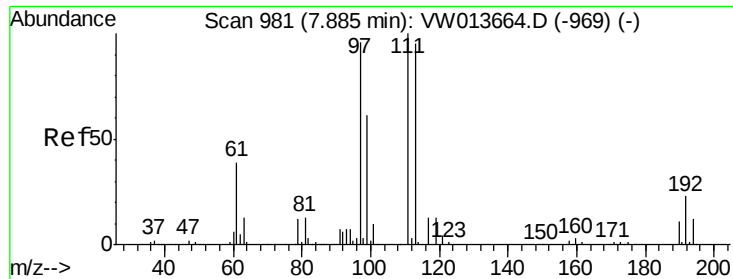
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 14.7 0.0 30.2

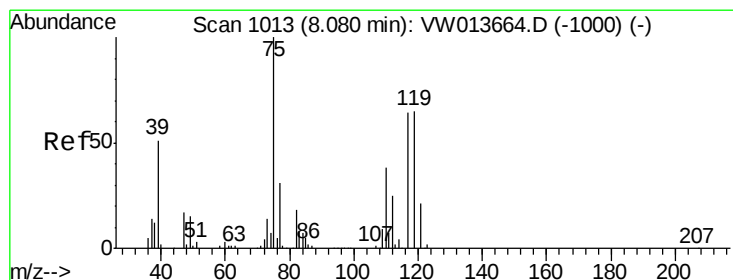
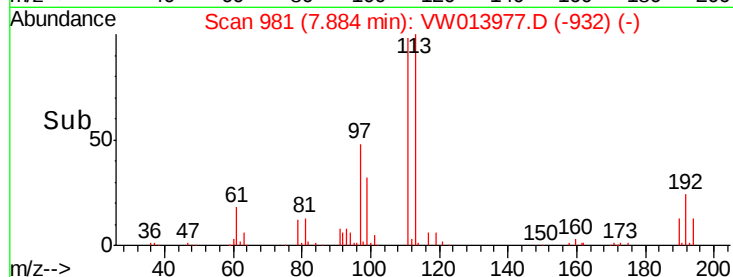
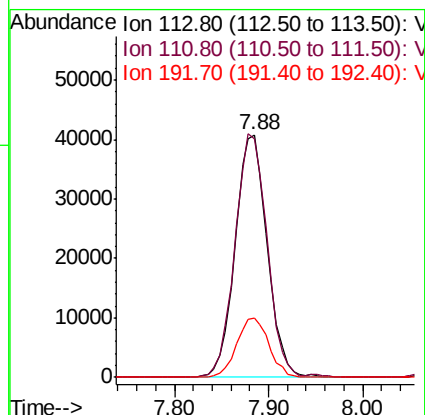
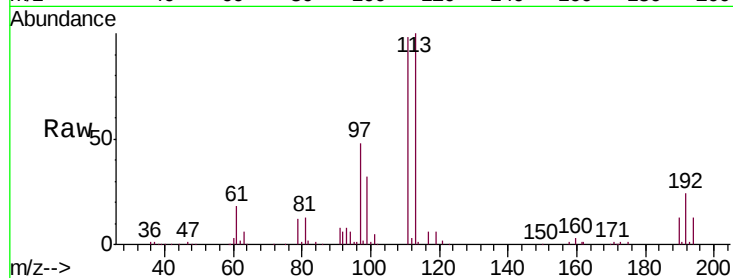




#35
 Dibromofluoromethane
 Concen: 48.343 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

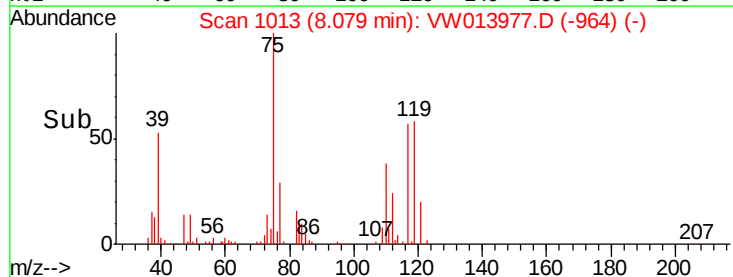
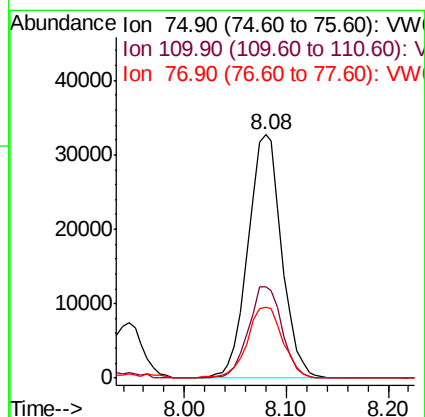
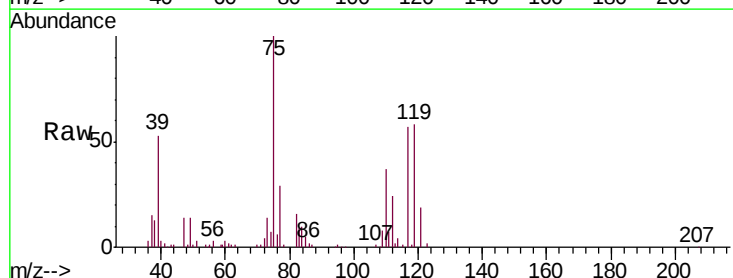
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

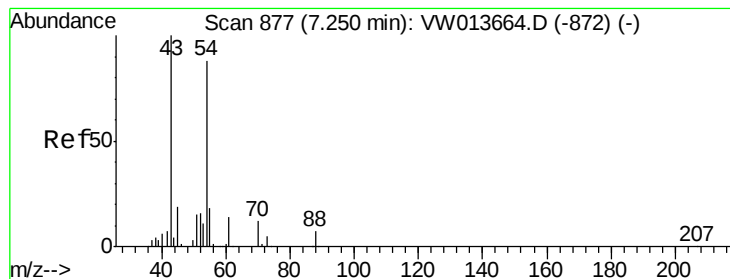
Tgt Ion:113 Resp: 96520
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.0 124.6
 192 24.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 22.500 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 75 Resp: 75291
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.7 56.1
 77 30.8 25.4 38.0





#37

Ethyl Acetate

Concen: 25.701 ug/l

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

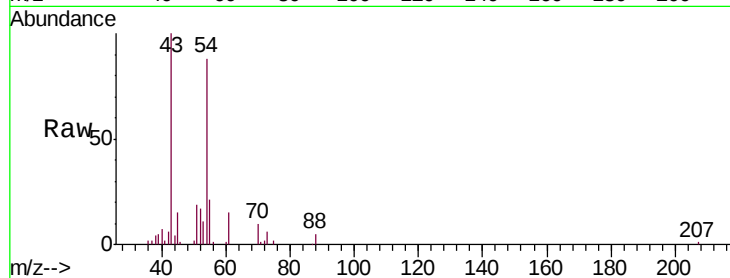
Tgt Ion: 43 Resp: 32922

Ion Ratio Lower Upper

43 100

61 14.5 11.7 17.5

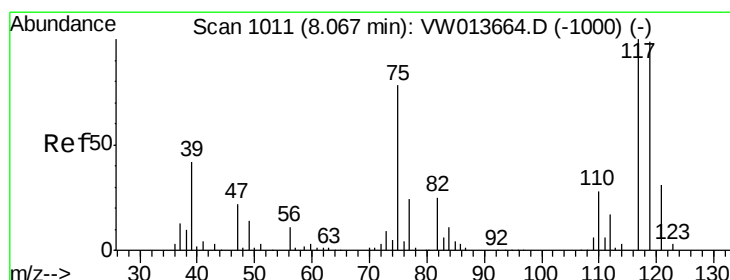
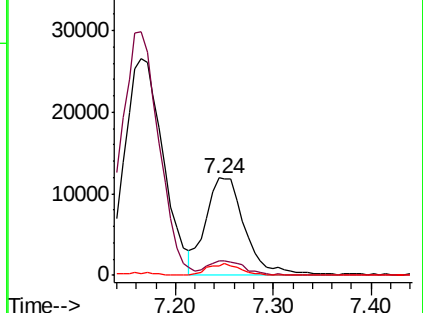
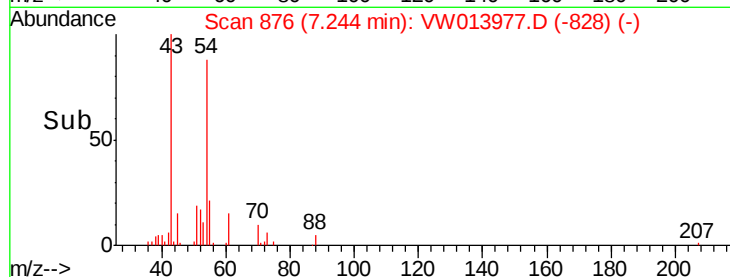
70 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 22.723 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

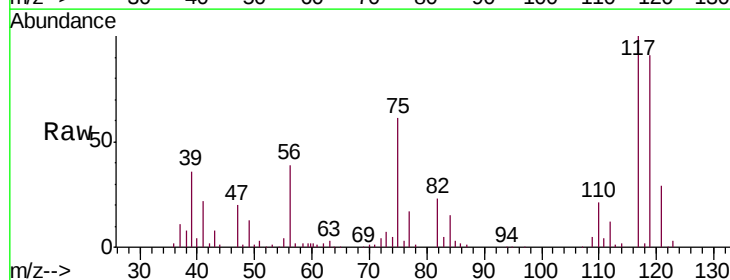
Tgt Ion: 117 Resp: 68474

Ion Ratio Lower Upper

117 100

119 90.7 79.0 118.4

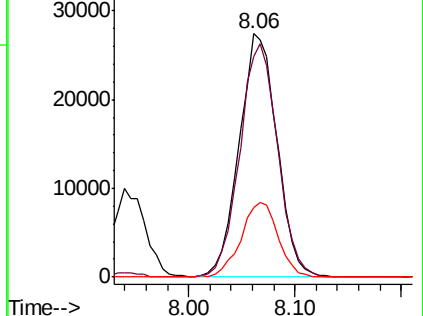
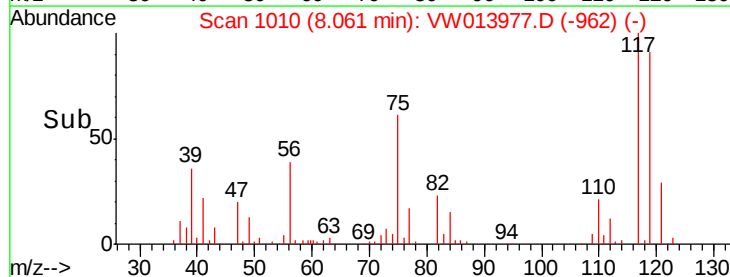
121 28.5 24.5 36.7

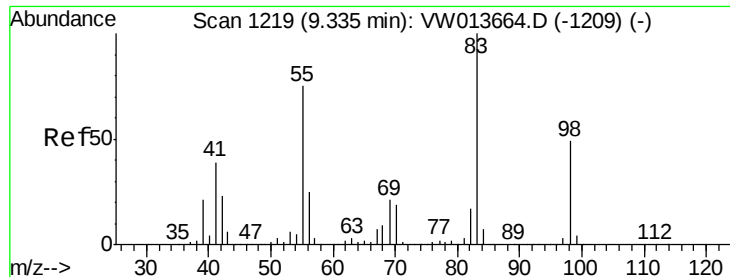


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

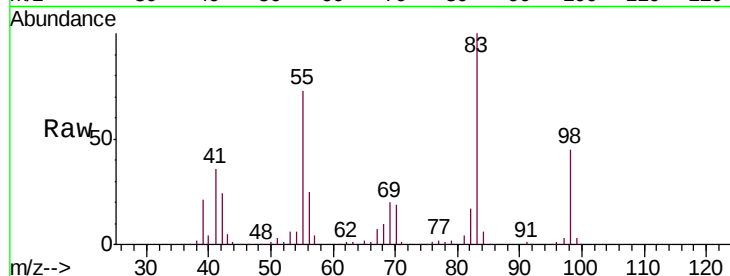




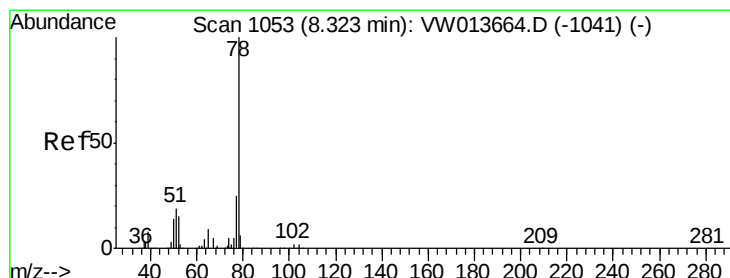
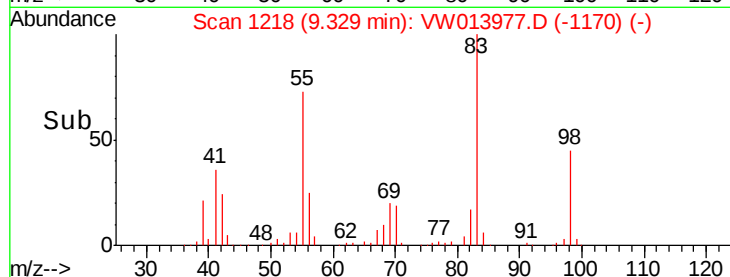
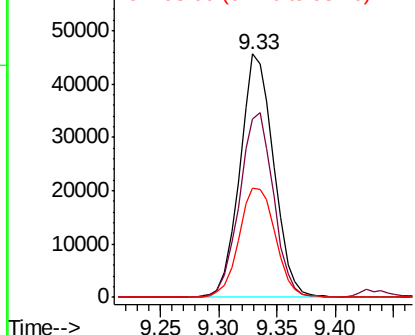
#39
Methylcyclohexane
Concen: 21.446 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion: 83 Resp: 92677
Ion Ratio Lower Upper
83 100
55 73.1 59.9 89.9
98 44.7 39.4 59.2

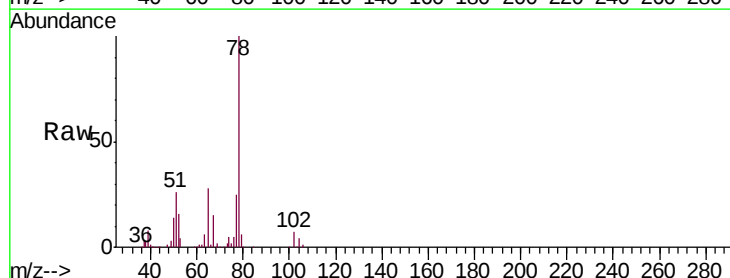


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

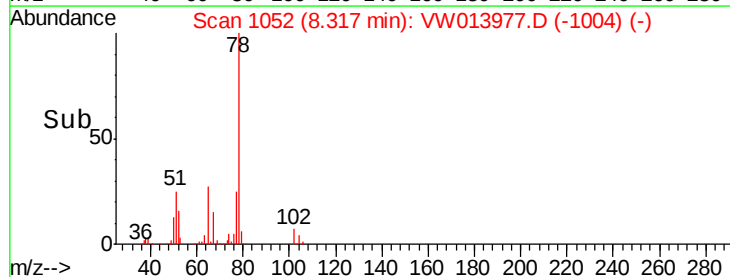
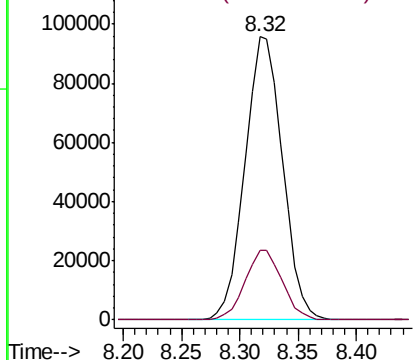


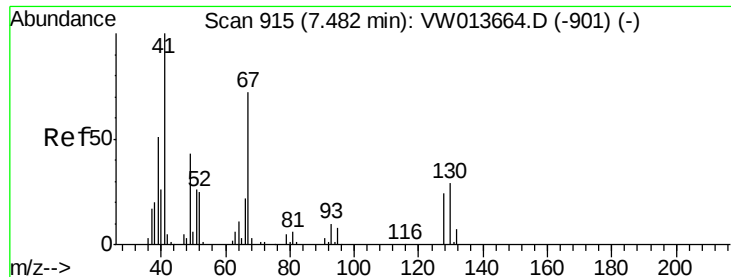
#40
Benzene
Concen: 22.810 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 78 Resp: 216019
Ion Ratio Lower Upper
78 100
77 24.7 19.6 29.4



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

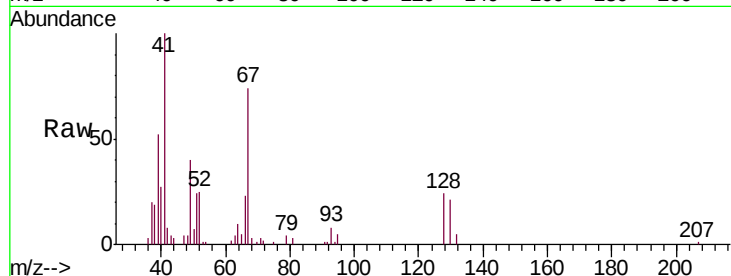




#41
Methacrylonitrile
Concen: 24.739 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion:	41	Resp:	19762
Ion	Ratio	Lower	Upper
41	100		
39	50.4	44.8	67.2
67	72.5	59.3	88.9
52	26.6	23.4	35.0



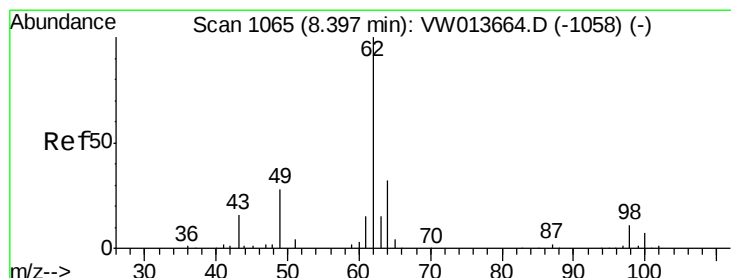
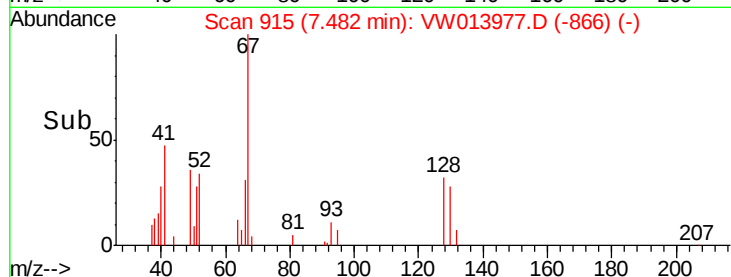
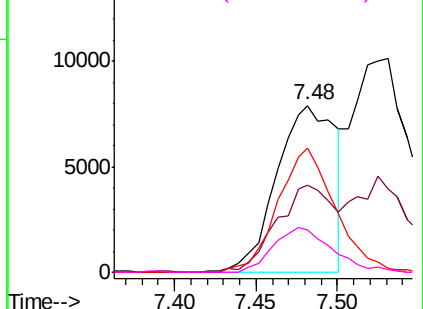
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

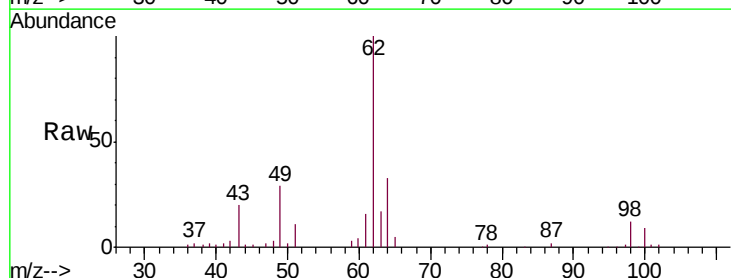
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 23.595 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

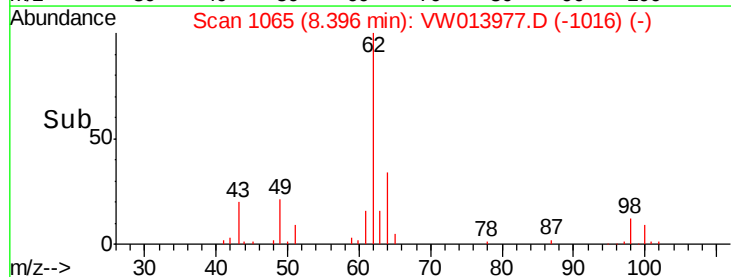
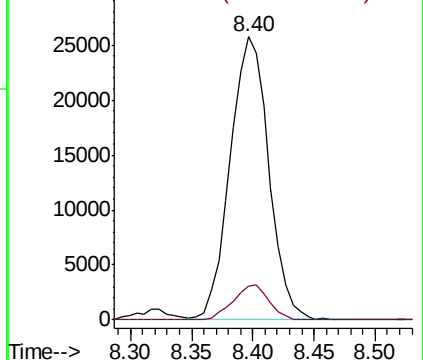
Tgt Ion:	62	Resp:	56309
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.4

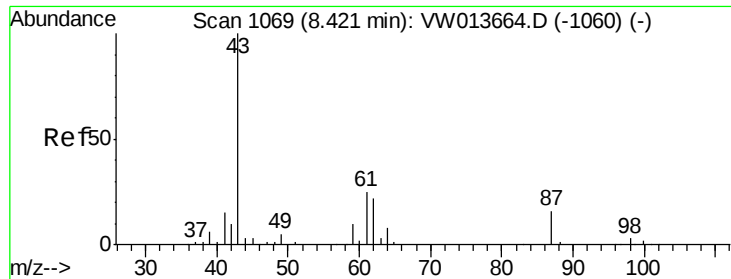


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

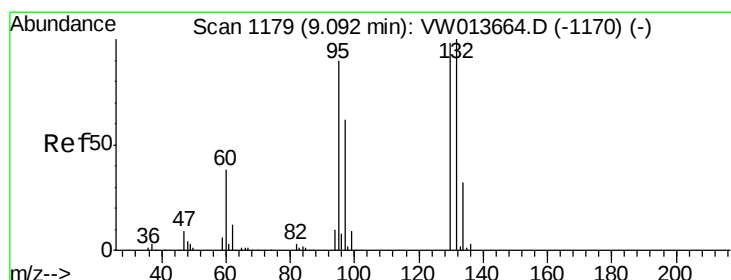
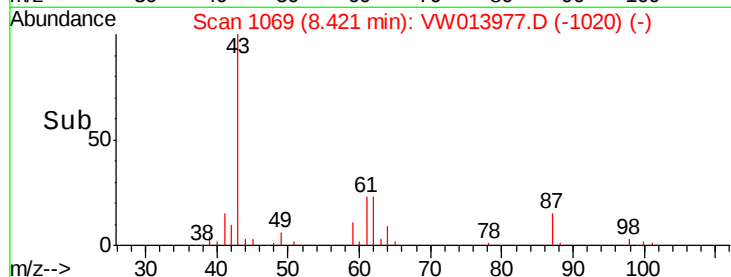
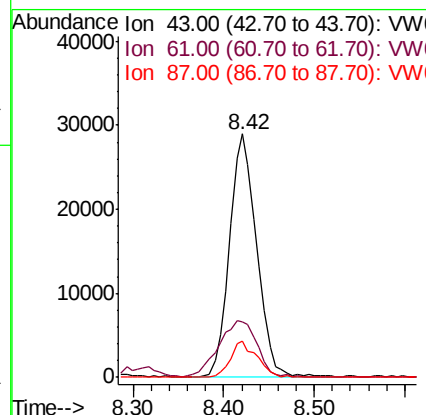
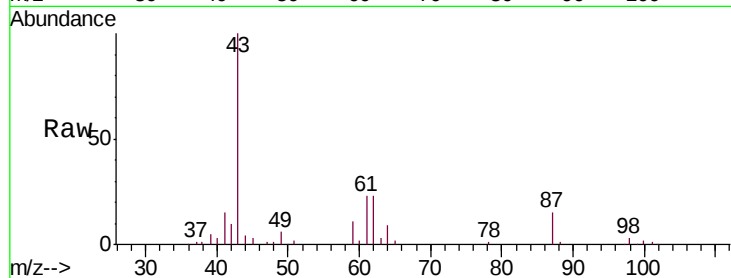




#43
Isopropyl Acetate
Concen: 24.677 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

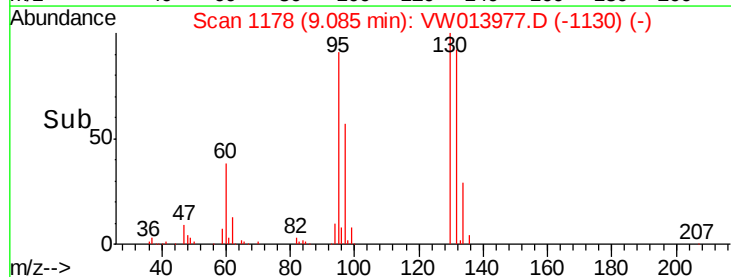
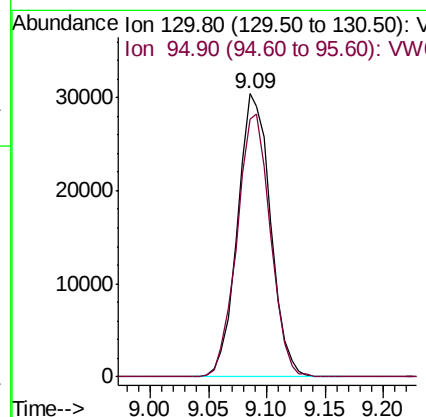
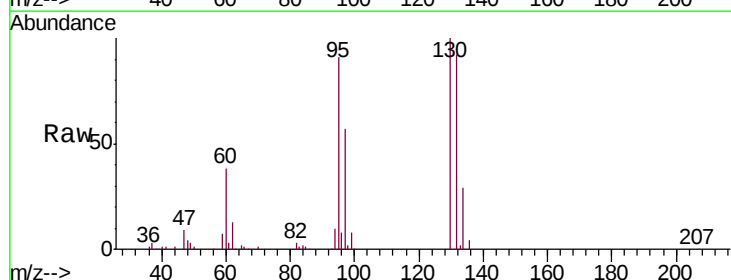
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

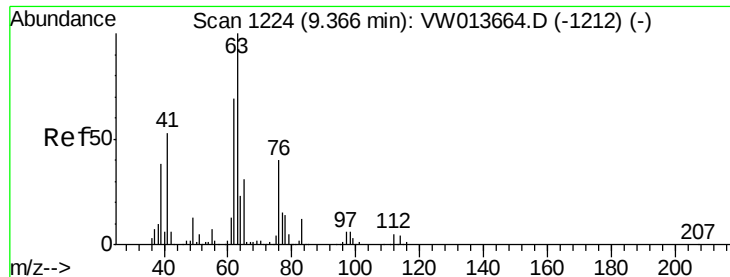
Tgt Ion: 43 Resp: 60507
Ion Ratio Lower Upper
43 100
61 33.1 26.1 39.1
87 14.3 11.4 17.0



#44
Trichloroethene
Concen: 22.174 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 130 Resp: 60151
Ion Ratio Lower Upper
130 100
95 91.1 0.0 184.6





#45

1,2-Dichloropropane

Concen: 22.636 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

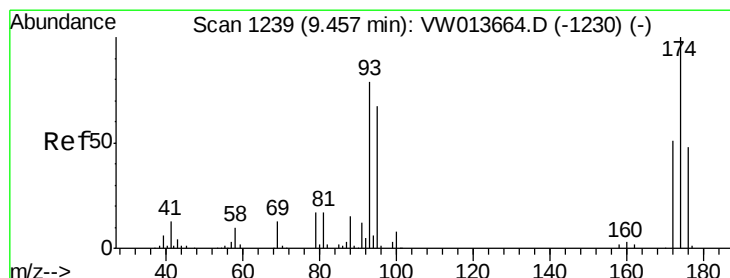
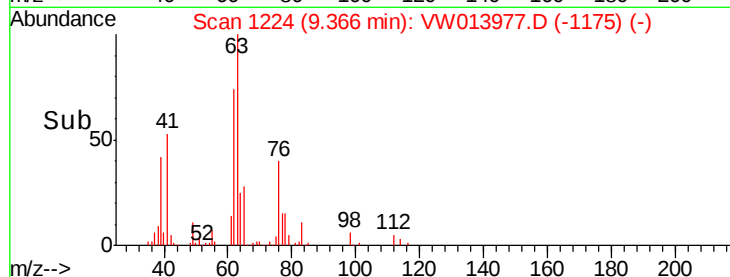
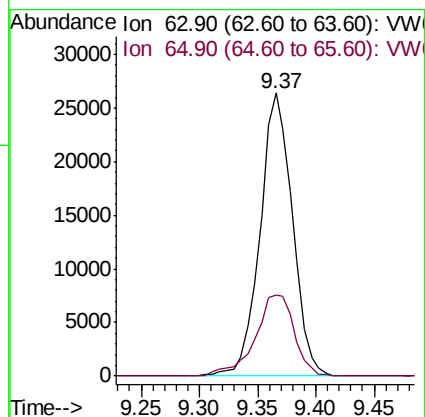
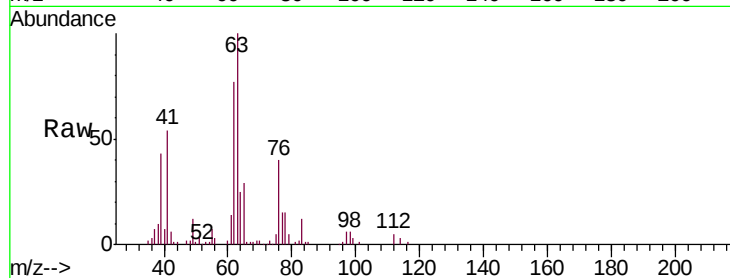
VW1112SBSD01

Tgt Ion: 63 Resp: 51204

Ion Ratio Lower Upper

63 100

65 28.6 25.2 37.8



#46

Dibromomethane

Concen: 24.233 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

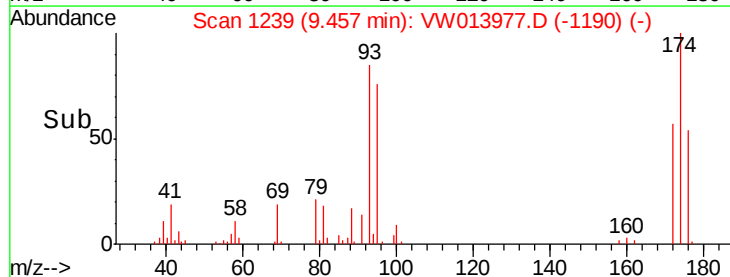
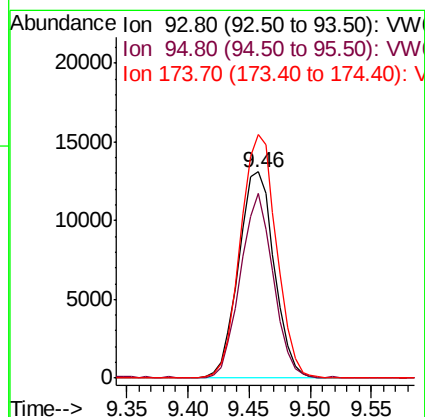
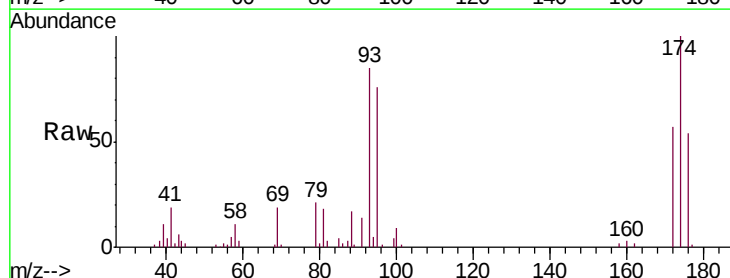
Tgt Ion: 93 Resp: 26605

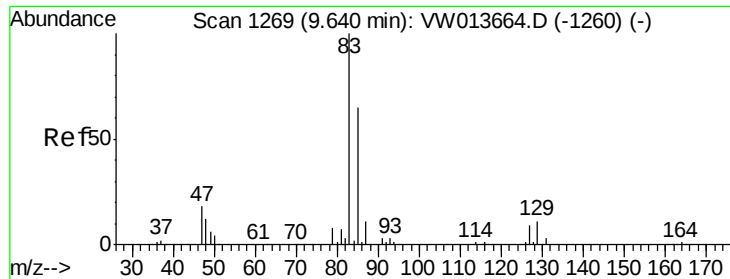
Ion Ratio Lower Upper

93 100

95 82.2 66.5 99.7

174 119.1 99.6 149.4

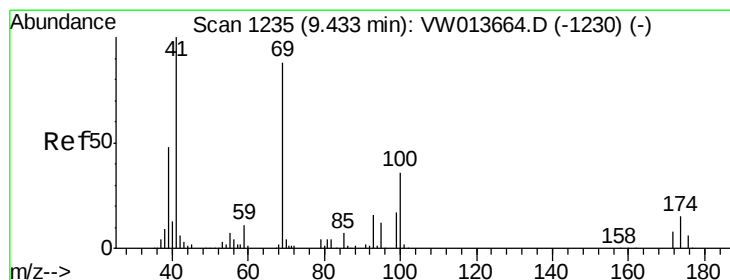
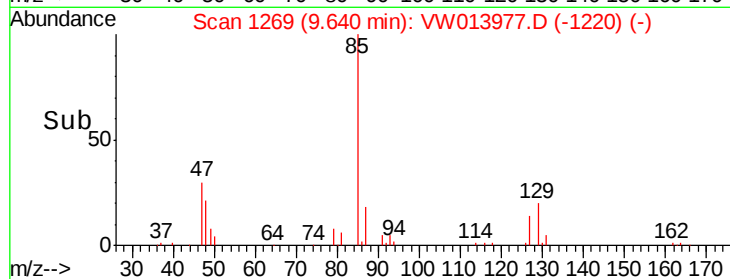
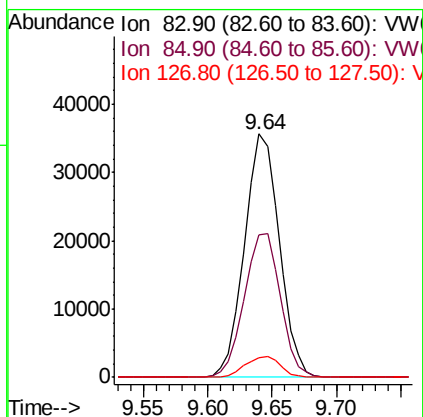
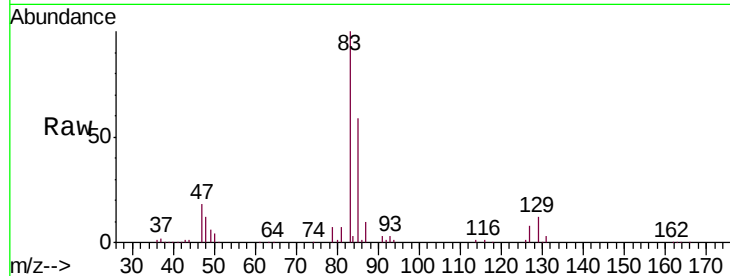




#47
 Bromodichloromethane
 Concen: 23.473 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

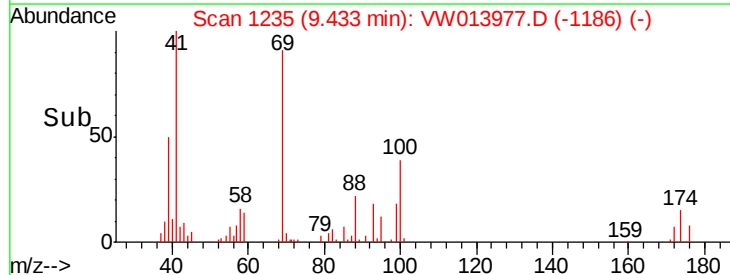
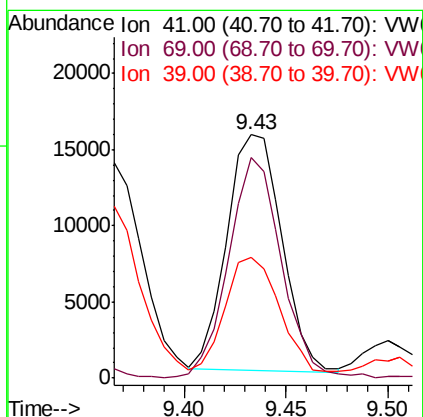
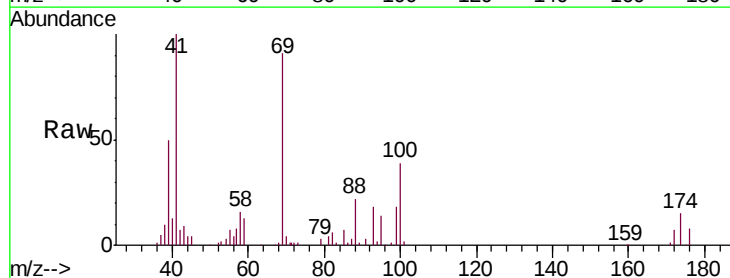
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

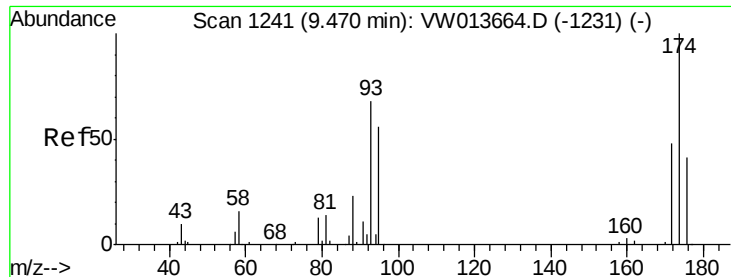
Tgt Ion: 83 Resp: 66679
 Ion Ratio Lower Upper
 83 100
 85 58.6 51.8 77.6
 127 8.0 7.3 10.9



#48
 Methyl methacrylate
 Concen: 23.757 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 41 Resp: 28887
 Ion Ratio Lower Upper
 41 100
 69 90.8 67.6 101.4
 39 53.6 38.6 58.0

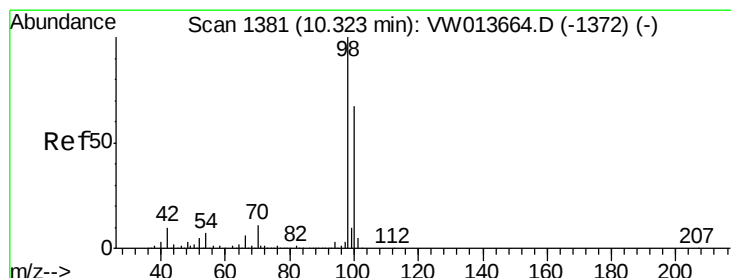
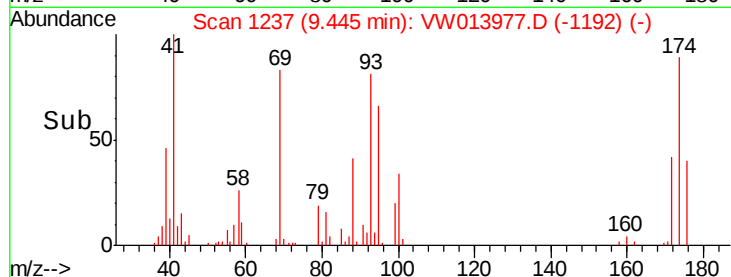
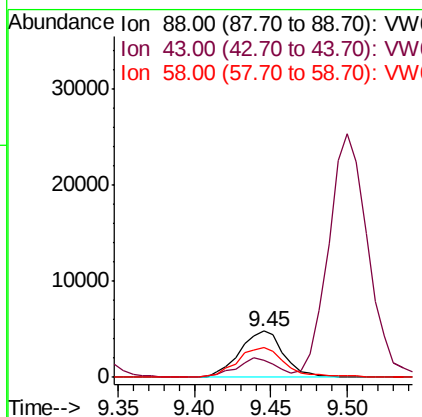
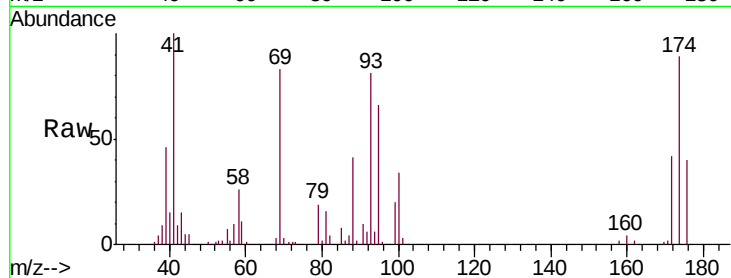




#49
1,4-Dioxane
Concen: 591.860 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

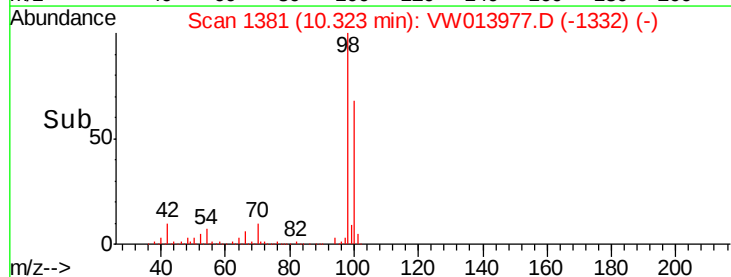
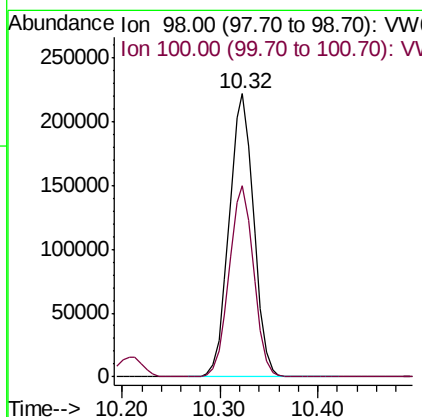
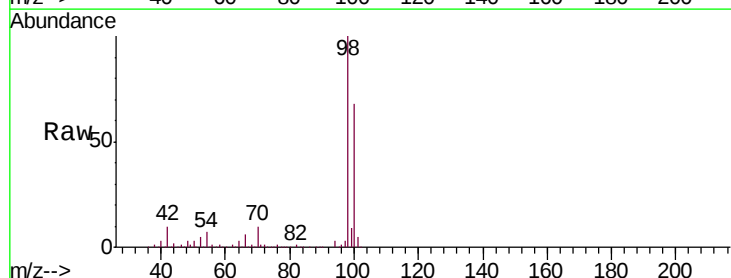
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

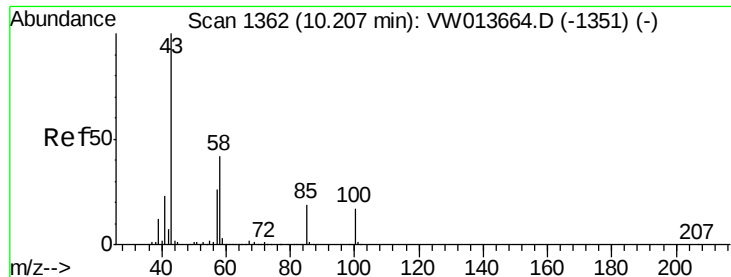
Tgt Ion: 88 Resp: 9602
Ion Ratio Lower Upper
88 100
43 38.3 0.0 0.0#
58 70.0 58.9 88.3



#50
Toluene-d8
Concen: 47.394 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 98 Resp: 385574
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.0

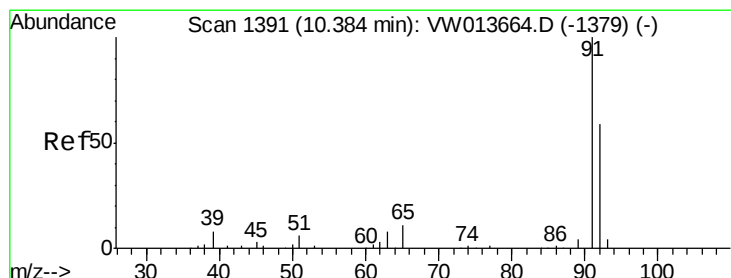
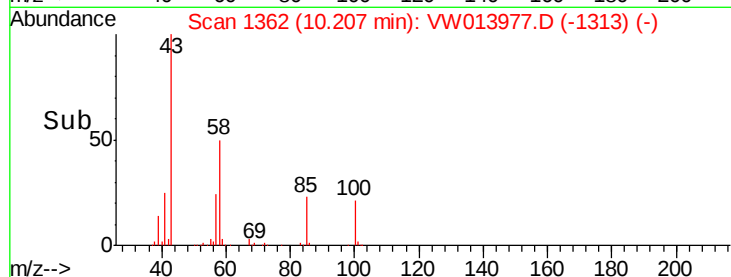
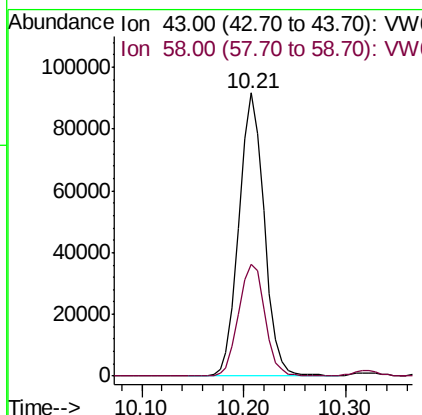
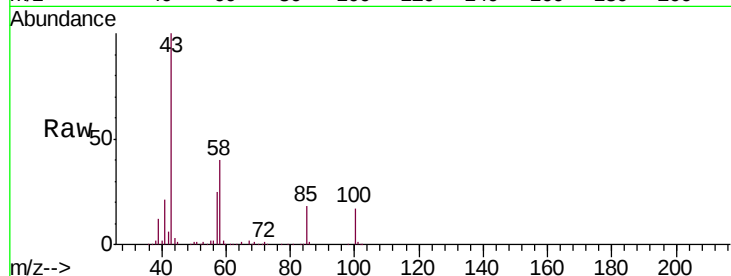




#51
 4-Methyl-2-Pentanone
 Concen: 128.835 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

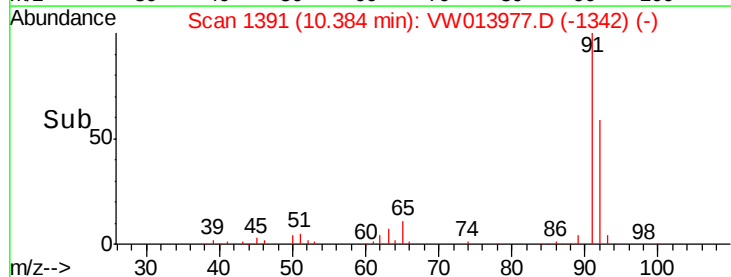
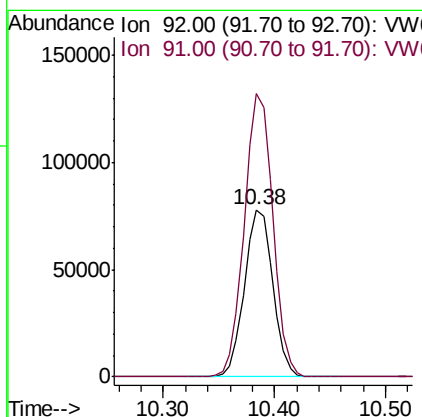
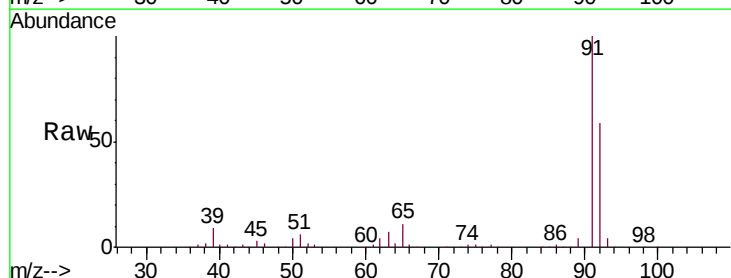
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

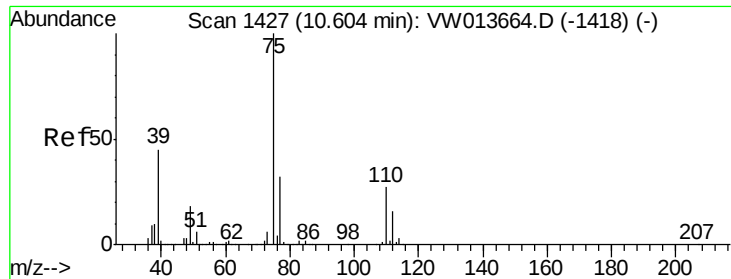
Tgt Ion: 43 Resp: 156976
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.6 49.0



#52
 Toluene
 Concen: 22.690 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 92 Resp: 138605
 Ion Ratio Lower Upper
 92 100
 91 170.7 134.5 201.7

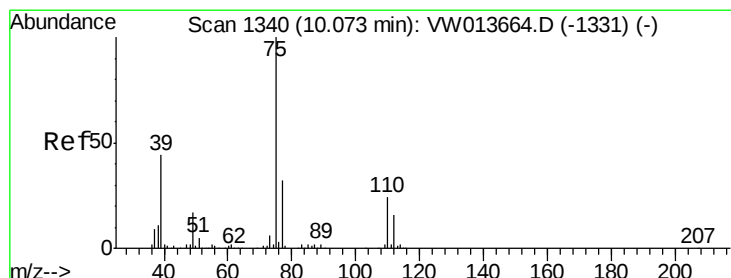
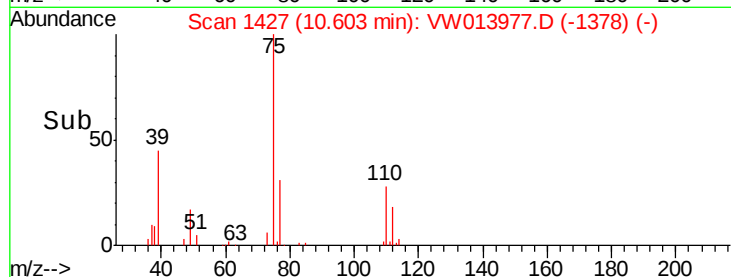
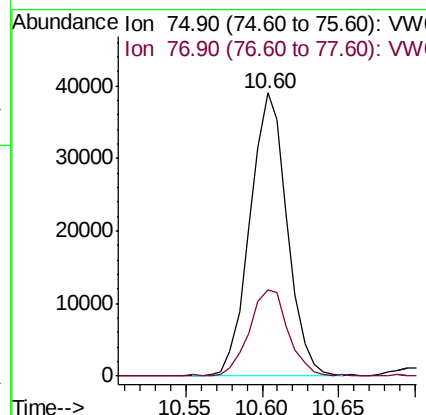
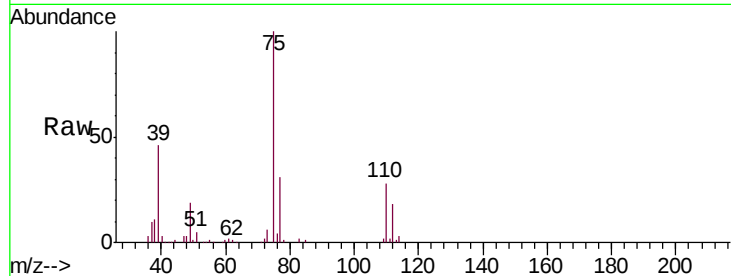




#53
t-1,3-Dichloropropene
Concen: 22.942 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

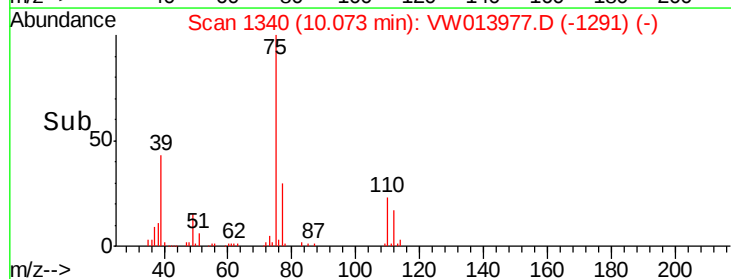
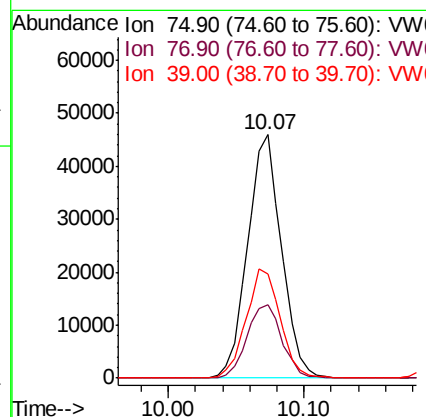
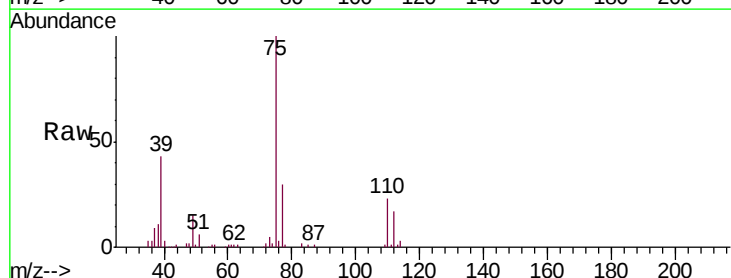
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

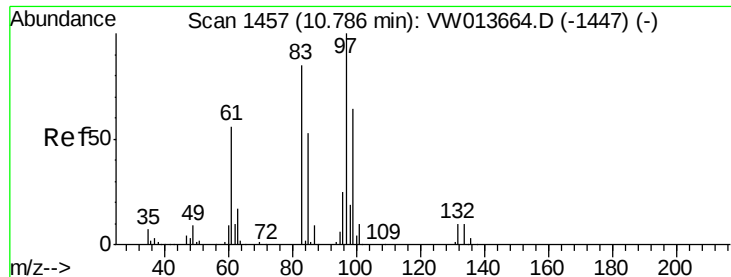
Tgt Ion: 75 Resp: 65976
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 22.564 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 75 Resp: 80057
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6
39 42.8 35.3 52.9

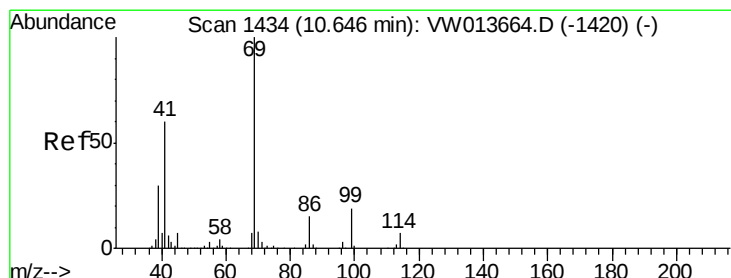
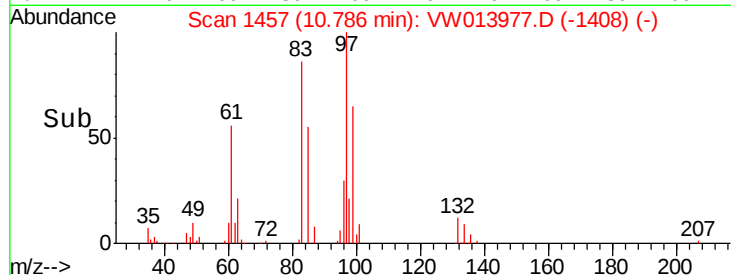
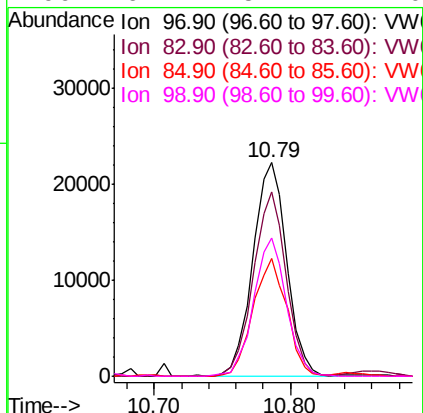
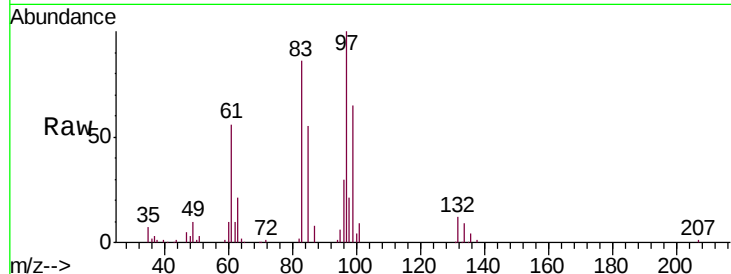




#55
 1,1,2-Trichloroethane
 Concen: 23.732 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

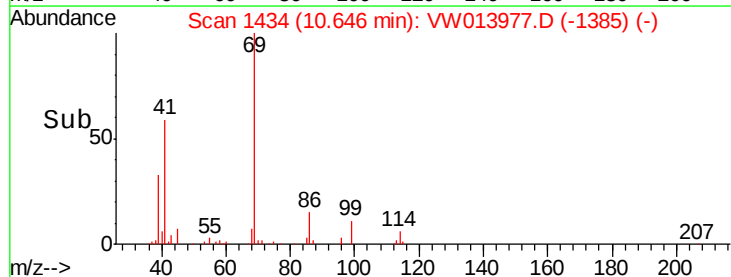
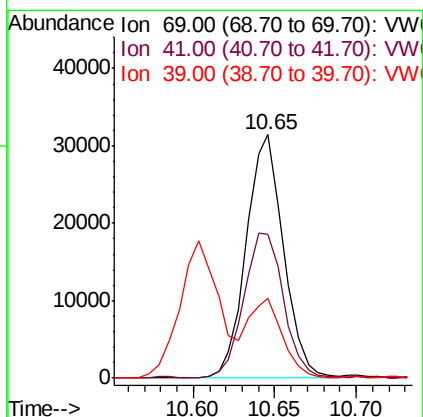
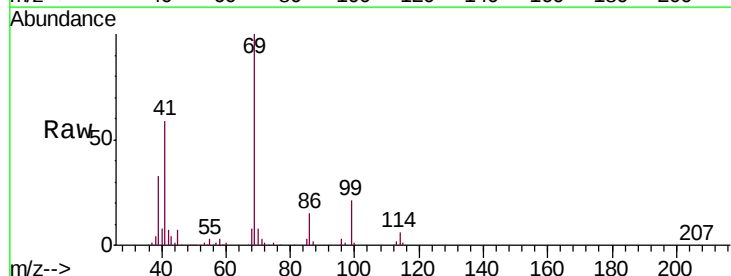
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

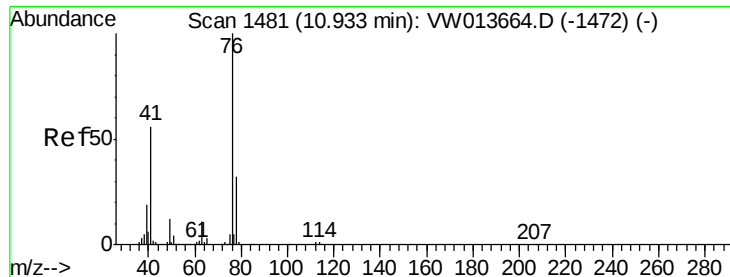
Tgt Ion: 97 Resp: 38831
 Ion Ratio Lower Upper
 97 100
 83 86.5 67.8 101.8
 85 55.4 42.1 63.1
 99 64.7 51.4 77.0



#56
 Ethyl methacrylate
 Concen: 24.432 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 69 Resp: 50015
 Ion Ratio Lower Upper
 69 100
 41 63.6 51.6 77.4
 39 29.0 22.4 33.6





#57

1,3-Dichloropropane

Concen: 23.699 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

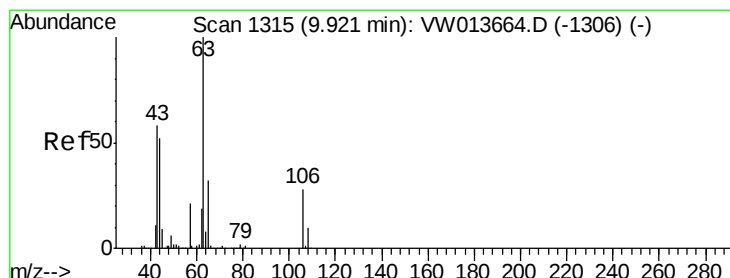
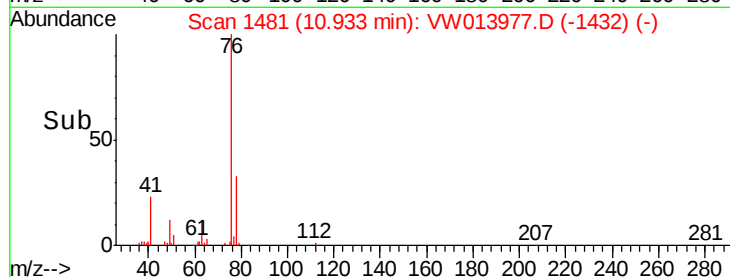
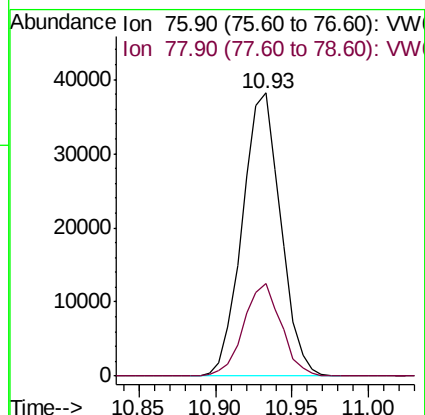
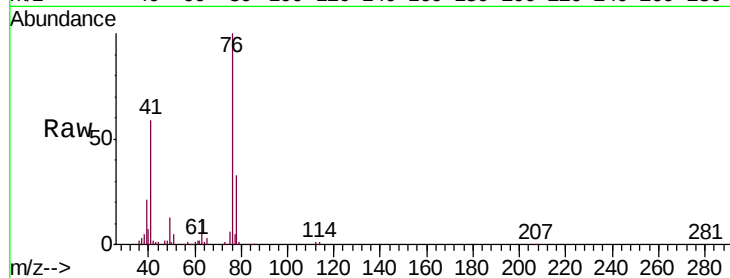
VW1112SBSD01

Tgt Ion: 76 Resp: 66542

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 108.259 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW013977.D

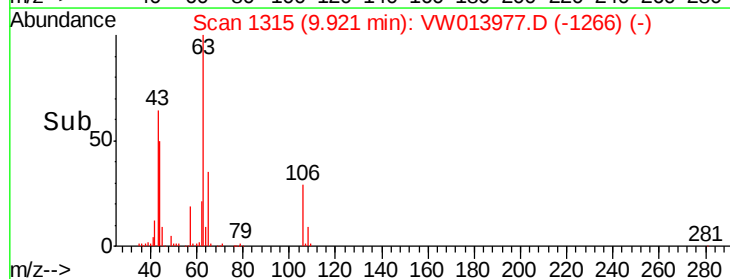
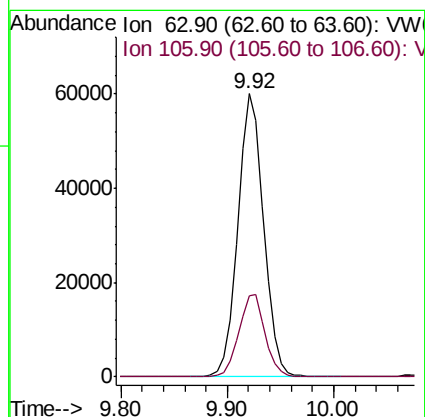
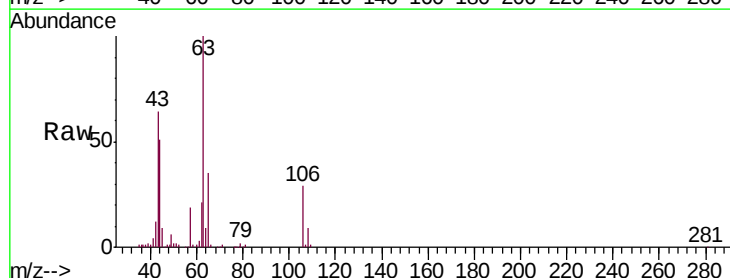
Acq: 12 Nov 2019 16:03

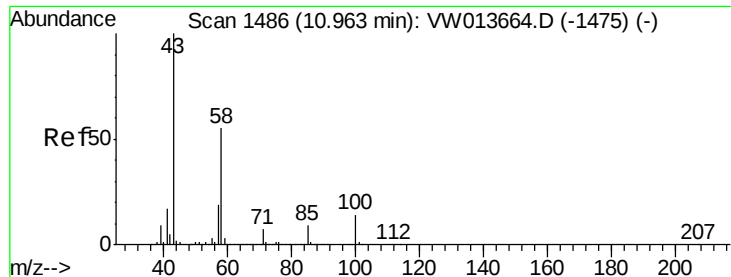
Tgt Ion: 63 Resp: 101997

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8

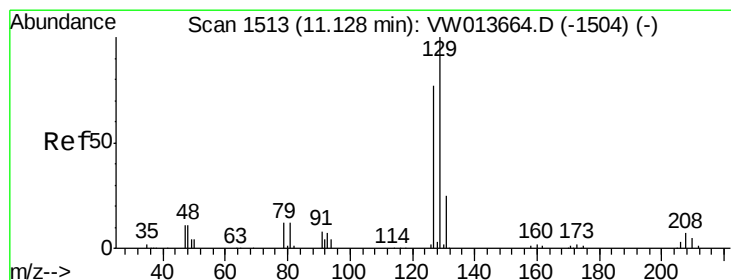
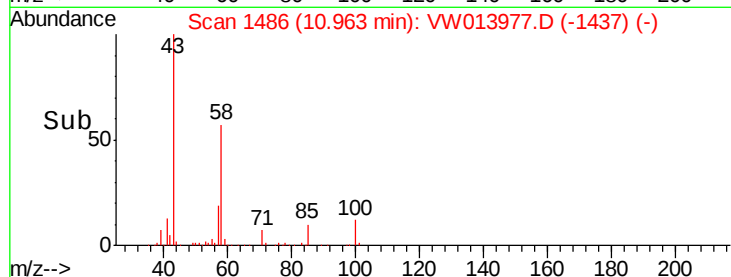
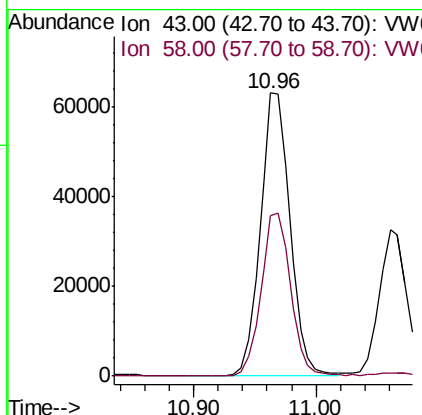
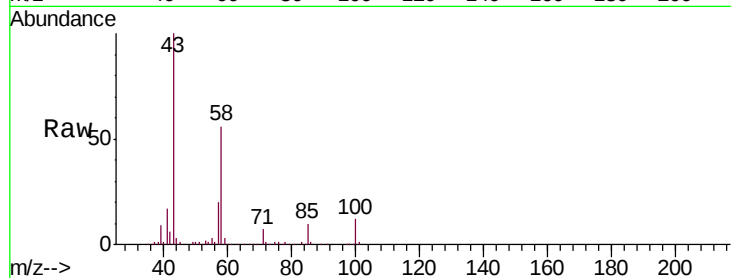




#59
2-Hexanone
Concen: 127.035 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

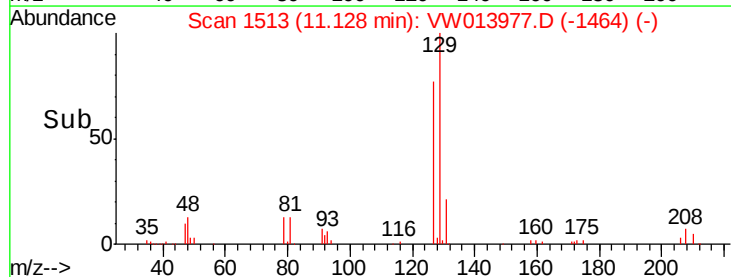
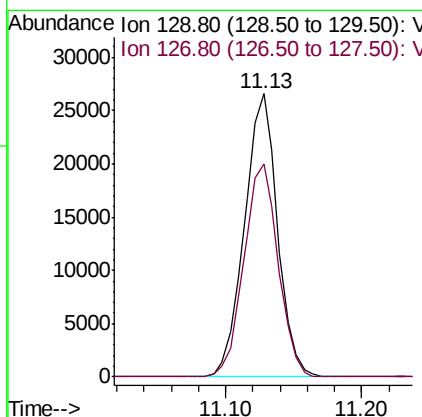
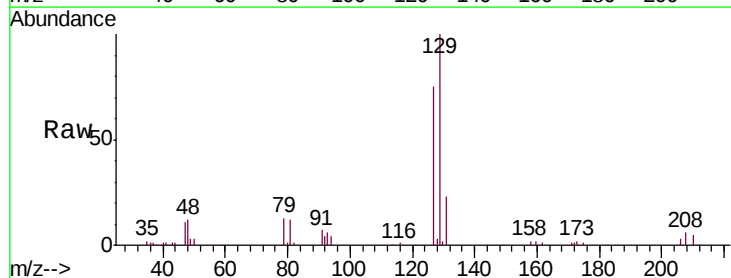
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

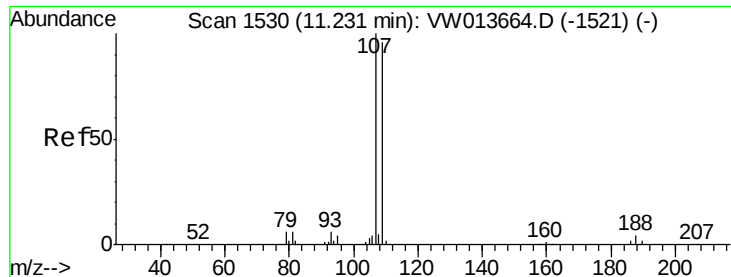
Tgt Ion: 43 Resp: 106706
Ion Ratio Lower Upper
43 100
58 57.4 27.9 83.7



#60
Dibromochloromethane
Concen: 23.225 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion: 129 Resp: 45119
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

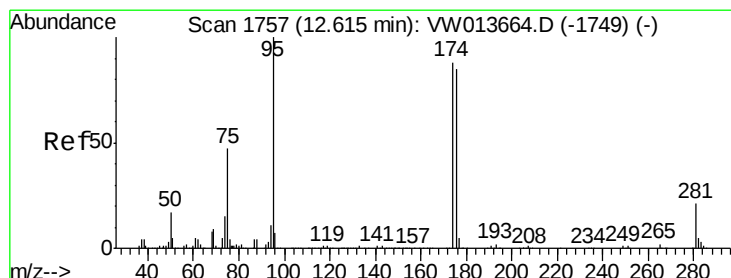
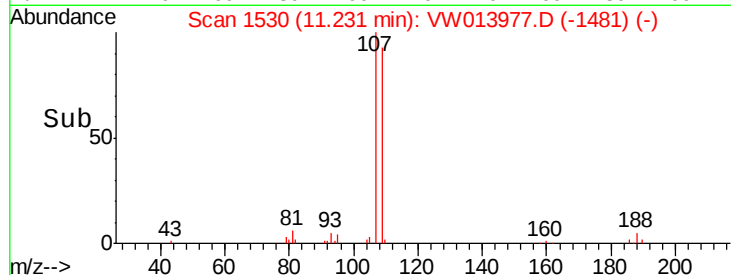
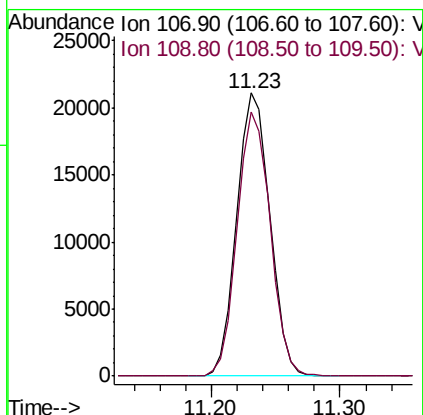
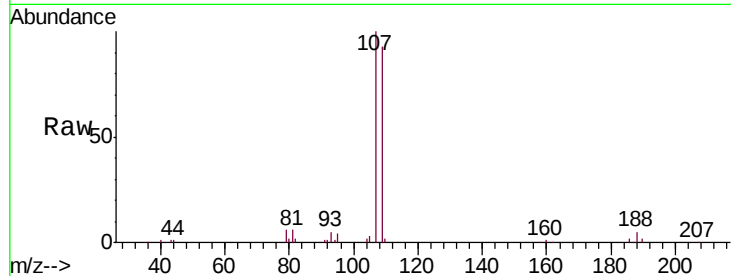




#61
 1,2-Dibromoethane
 Concen: 24.325 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

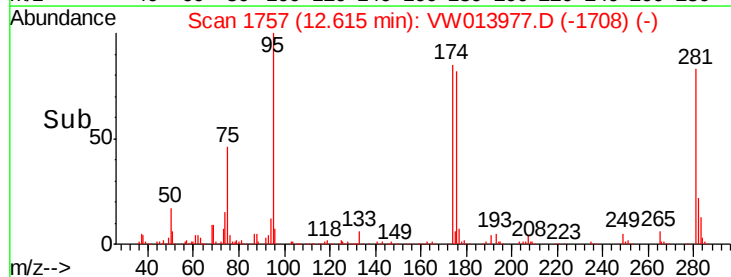
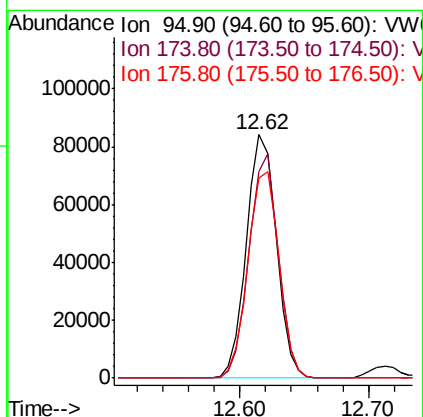
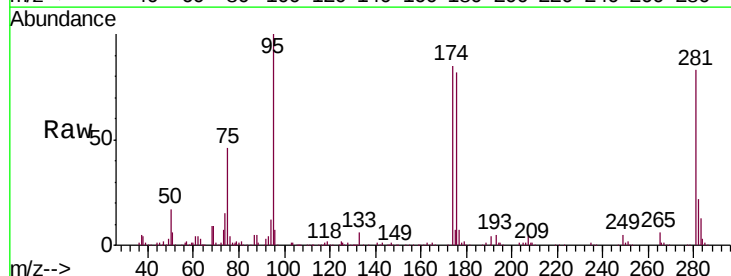
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

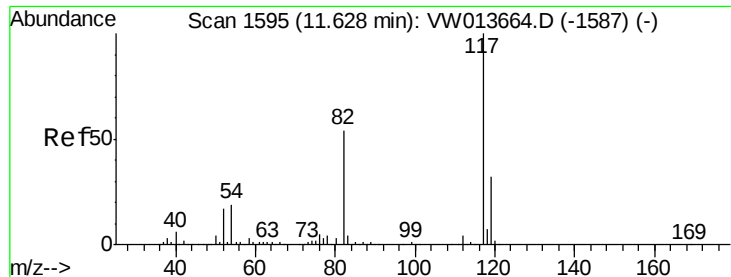
Tgt Ion: 107 Resp: 37655
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.069 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 95 Resp: 135169
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 183.6
 176 87.8 0.0 178.0

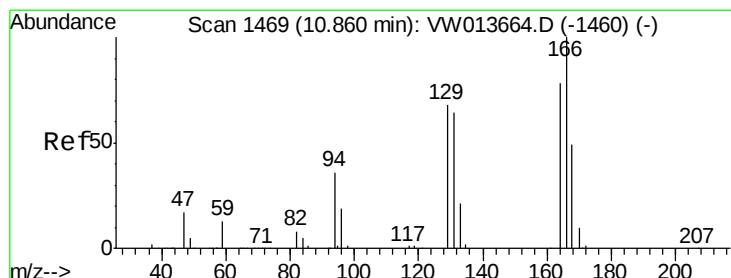
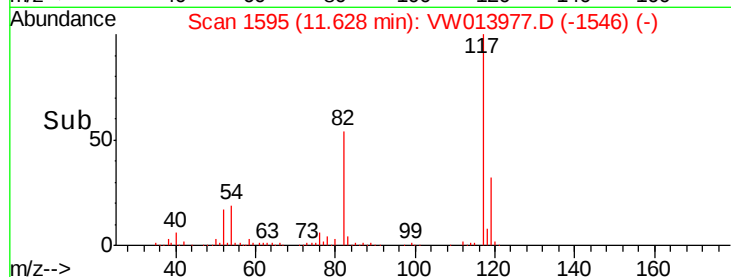
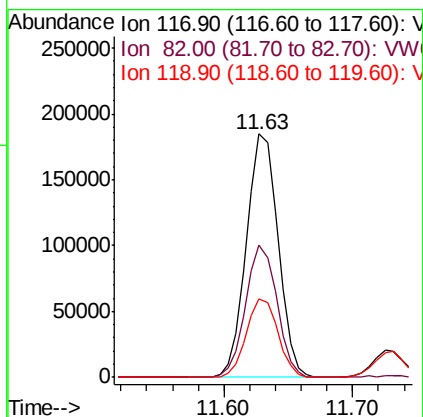
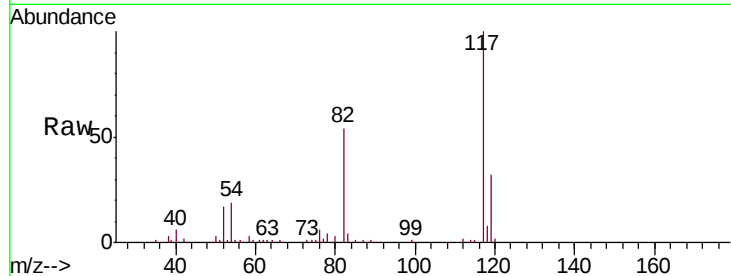




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

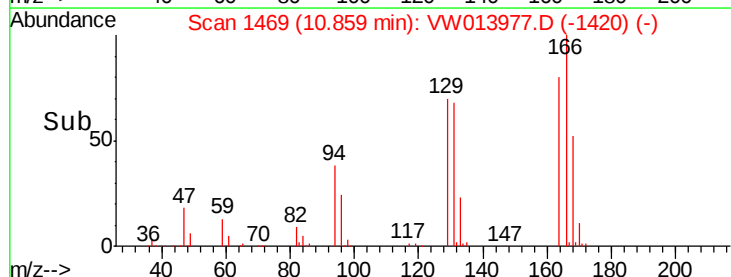
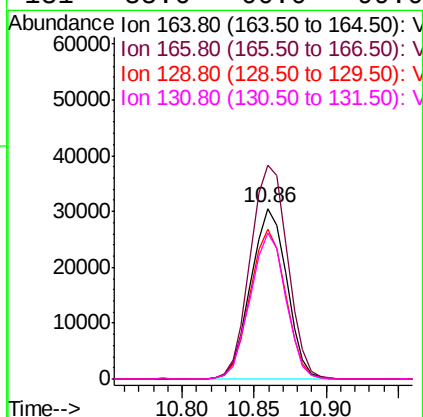
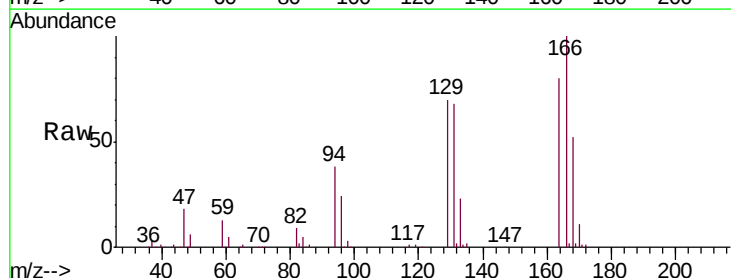
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

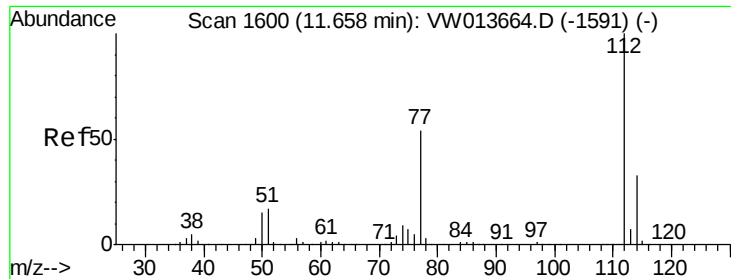
Tgt Ion:117 Resp: 313498
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 22.040 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion:164 Resp: 52792
Ion Ratio Lower Upper
164 100
166 125.0 103.2 154.8
129 87.5 70.6 105.8
131 85.6 66.0 99.0

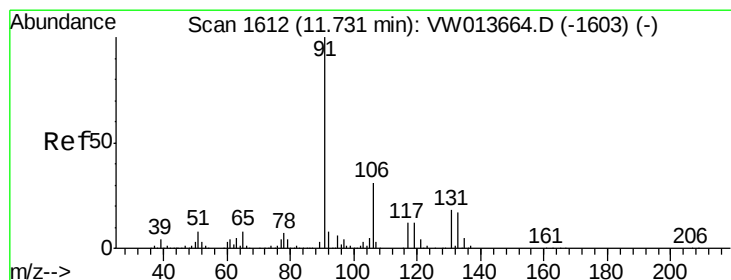
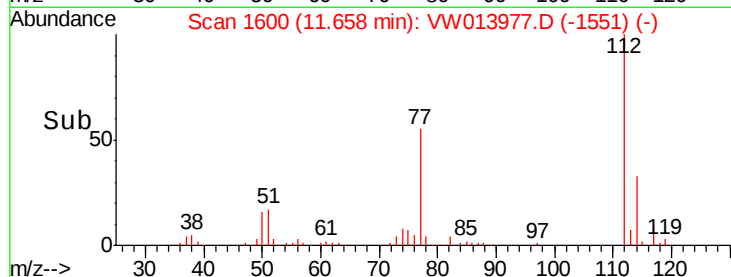
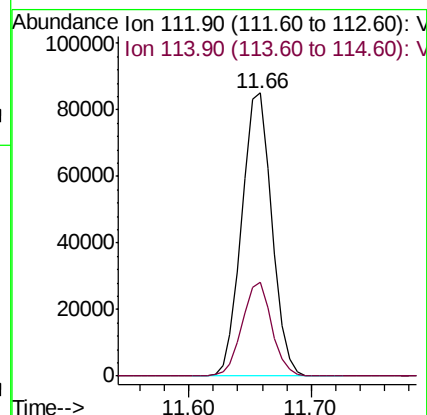
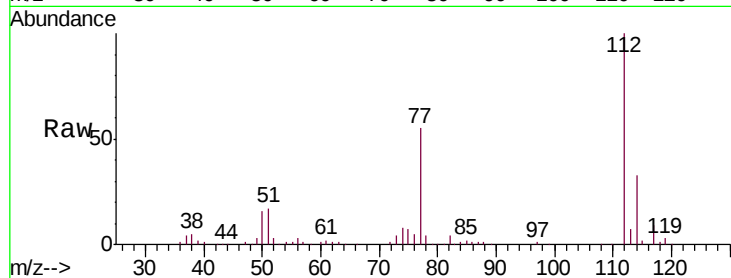




#65
Chlorobenzene
Concen: 22.508 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

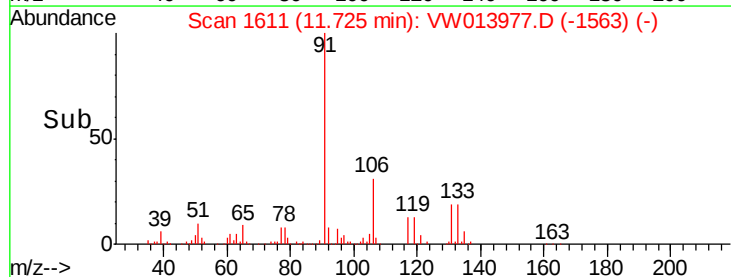
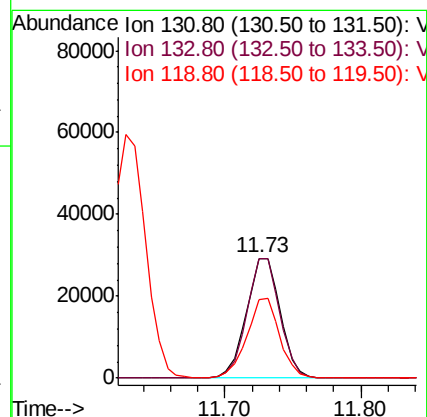
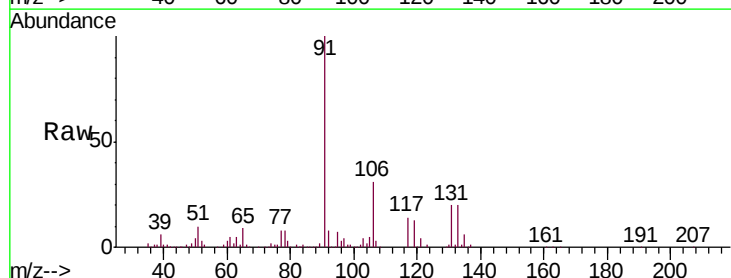
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

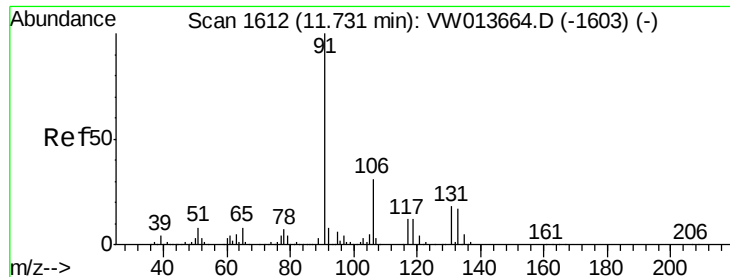
Tgt Ion:112 Resp: 145000
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.743 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion:131 Resp: 51132
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.3
119 64.4 33.1 99.2





#67

Ethyl Benzene

Concen: 22.115 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

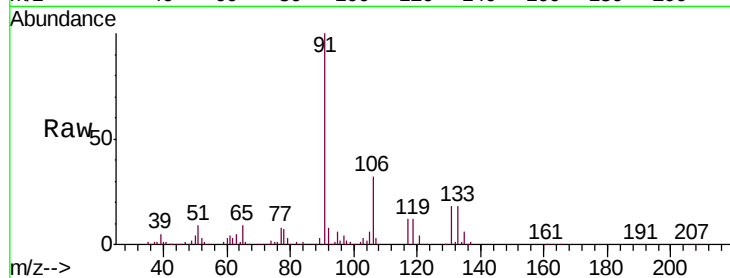
VW1112SBSD01

Tgt Ion: 91 Resp: 256895

Ion Ratio Lower Upper

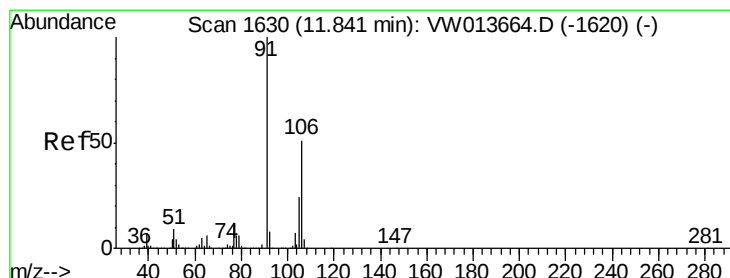
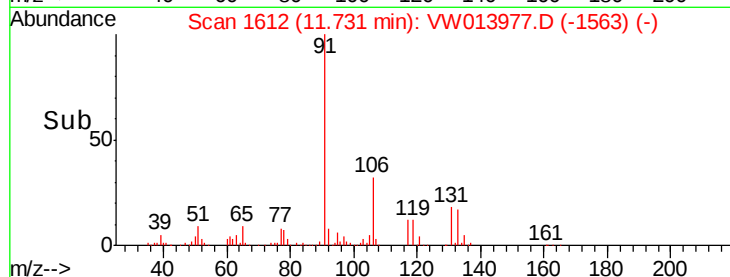
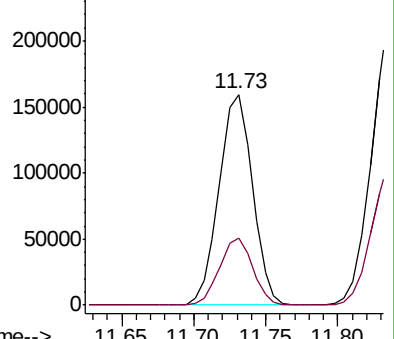
91 100

106 32.0 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.191 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW013977.D

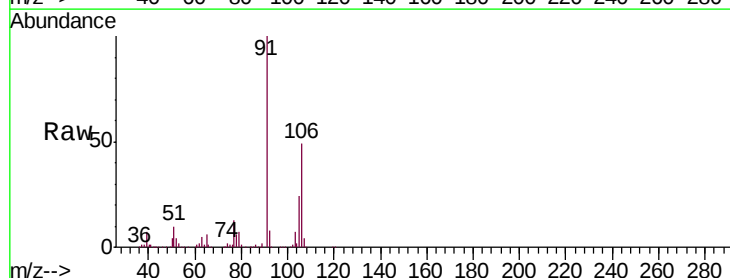
Acq: 12 Nov 2019 16:03

Tgt Ion: 106 Resp: 198328

Ion Ratio Lower Upper

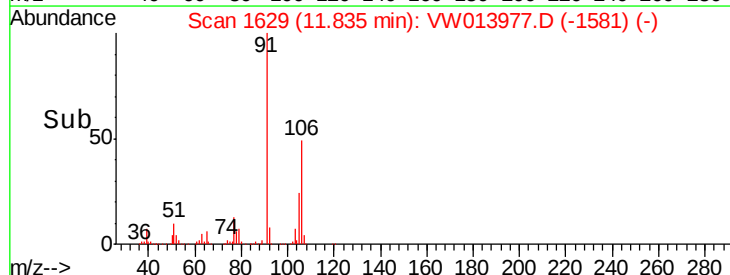
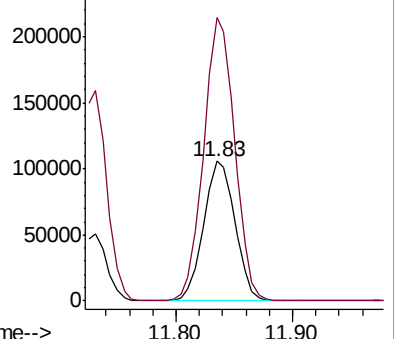
106 100

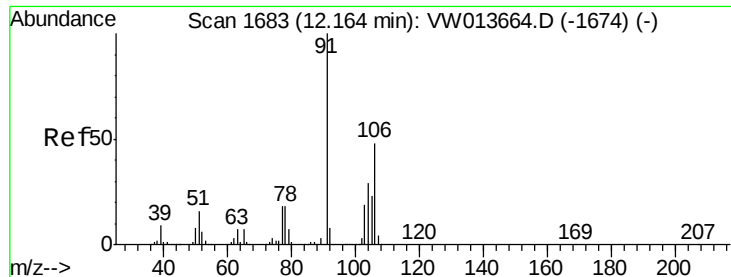
91 200.0 159.2 238.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

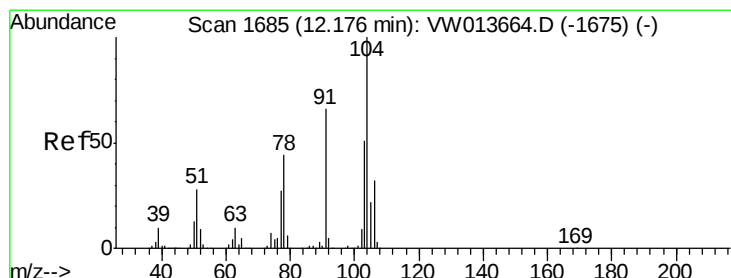
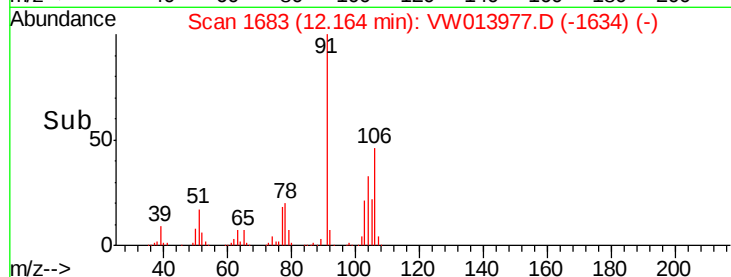
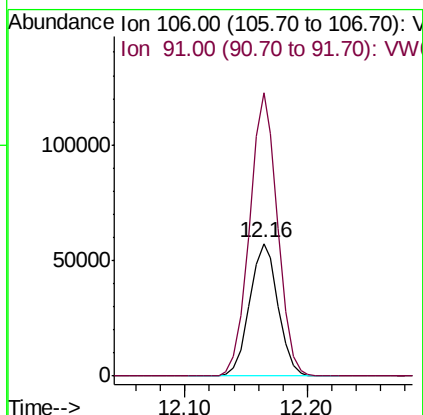
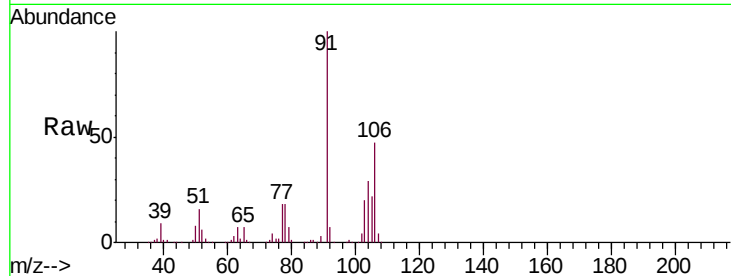




#69
o-Xylene
Concen: 22.484 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

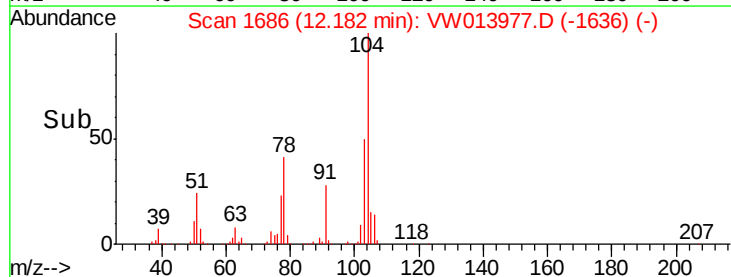
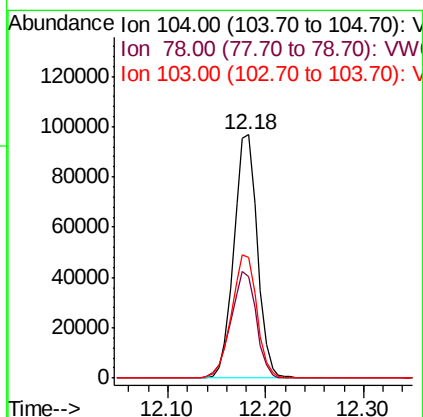
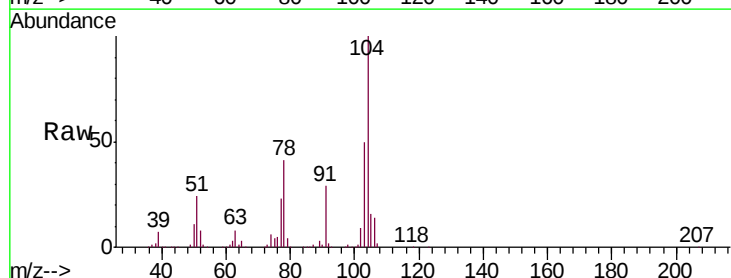
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

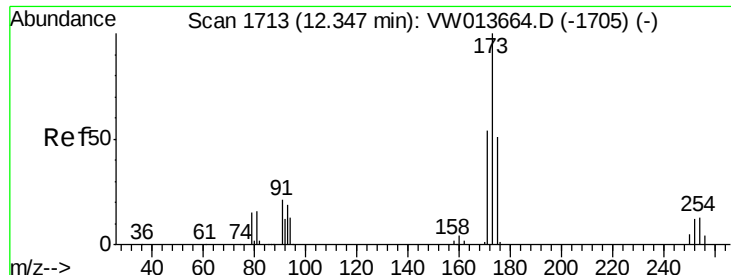
Tgt Ion:106 Resp: 92750
Ion Ratio Lower Upper
106 100
91 209.8 104.9 314.7



#70
Styrene
Concen: 22.737 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013977.D
Acq: 12 Nov 2019 16:03

Tgt Ion:104 Resp: 161156
Ion Ratio Lower Upper
104 100
78 47.1 37.1 55.7
103 54.2 43.6 65.4





#71

Bromoform

Concen: 23.313 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

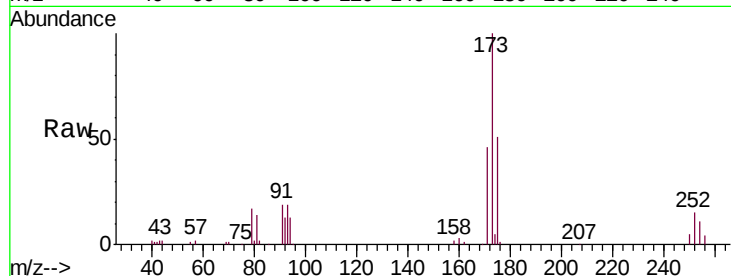
Tgt Ion:173 Resp: 27506

Ion Ratio Lower Upper

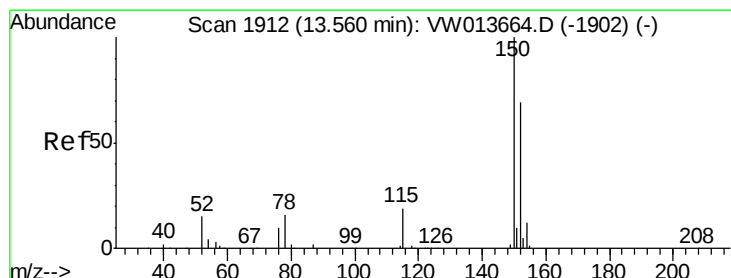
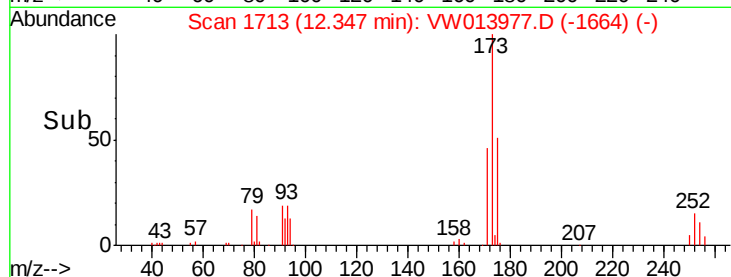
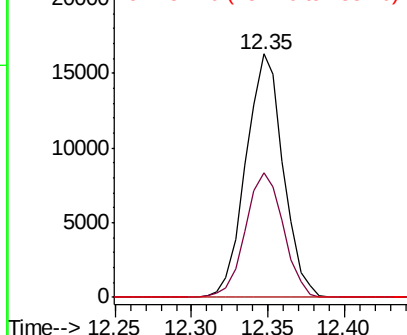
173 100

175 52.2 25.2 75.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

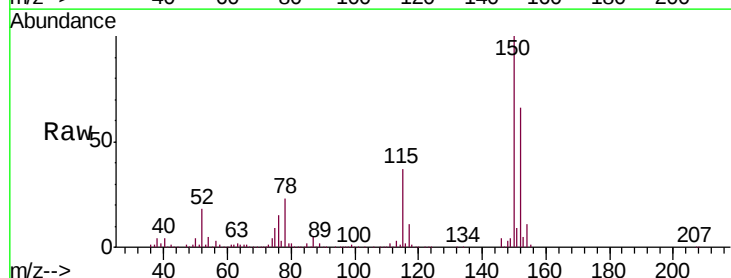
Tgt Ion:152 Resp: 161343

Ion Ratio Lower Upper

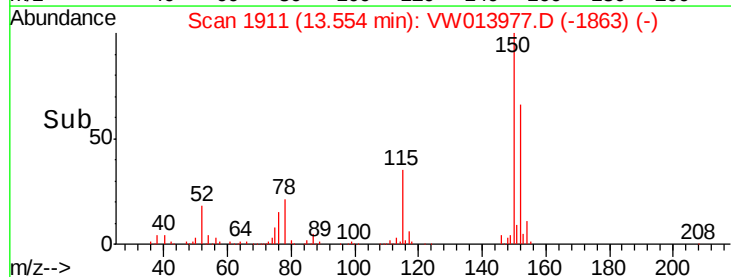
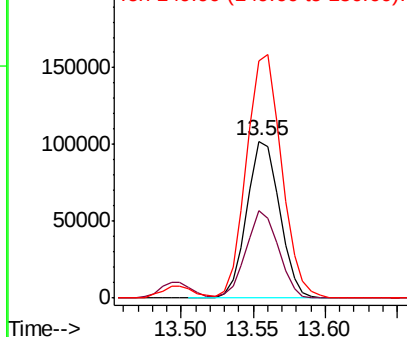
152 100

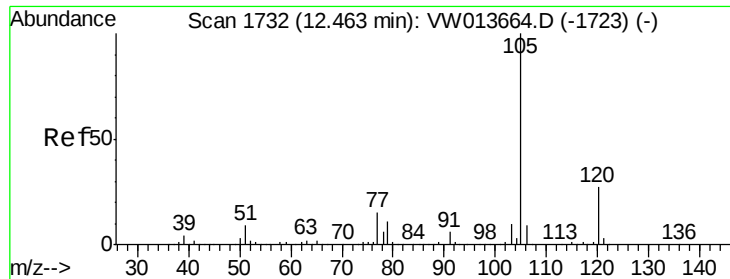
115 54.6 27.4 82.2

150 166.3 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: 21.926 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

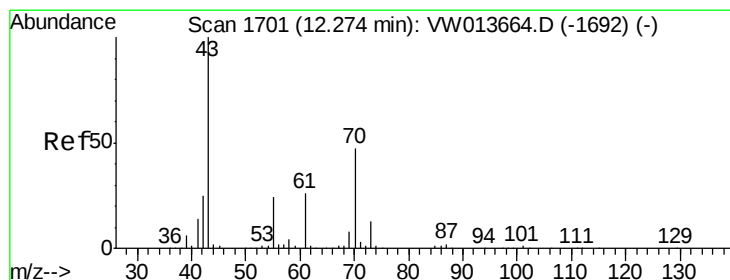
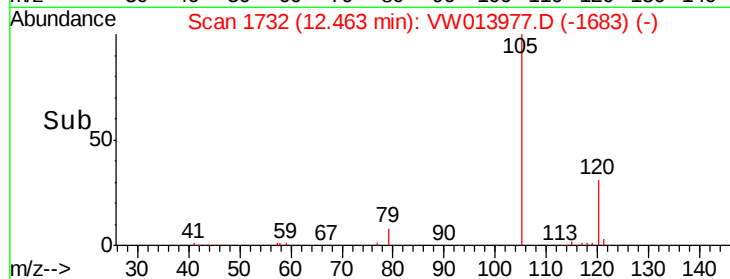
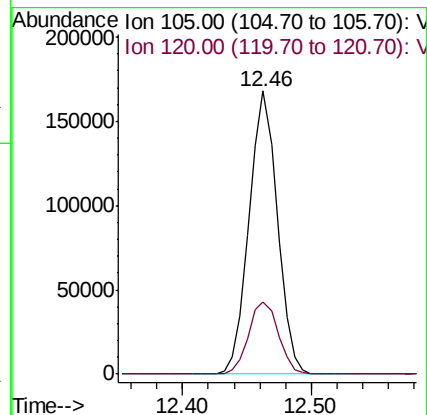
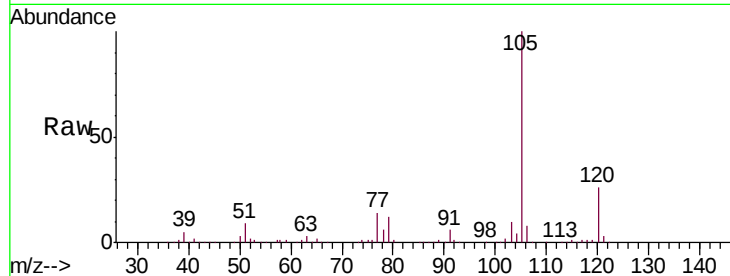
VW1112SBSD01

Tgt Ion: 105 Resp: 254044

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 24.537 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Tgt Ion: 43 Resp: 54995

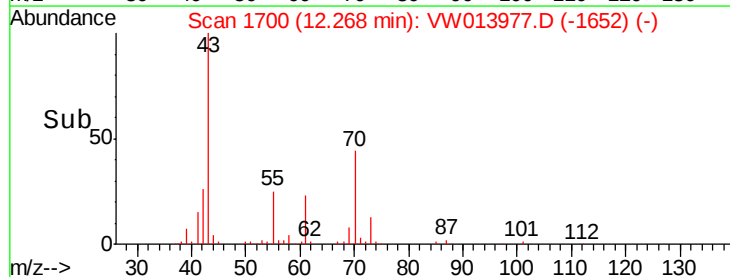
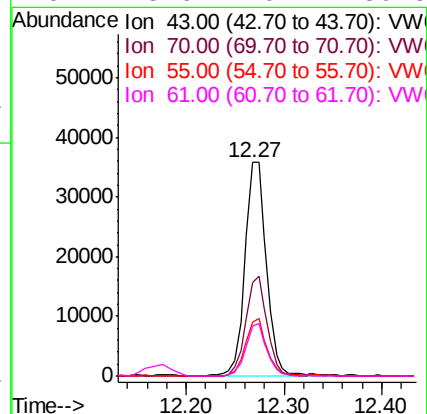
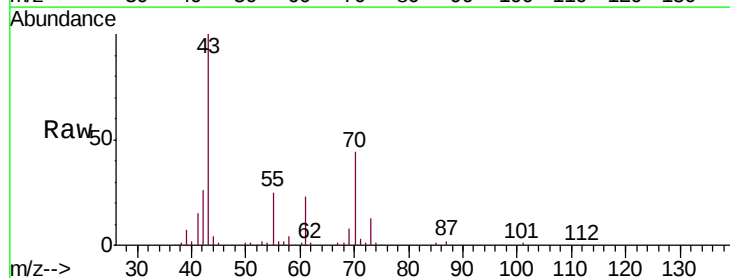
Ion Ratio Lower Upper

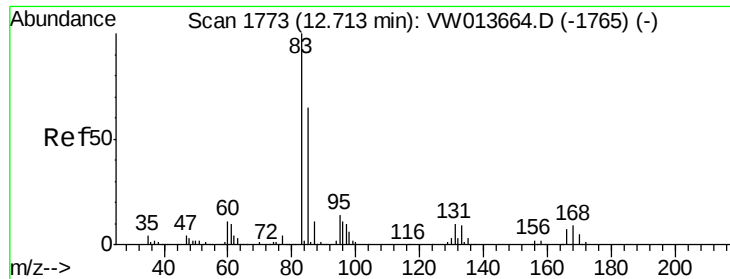
43 100

70 45.5 36.6 55.0

55 26.4 20.3 30.5

61 23.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 24.127 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

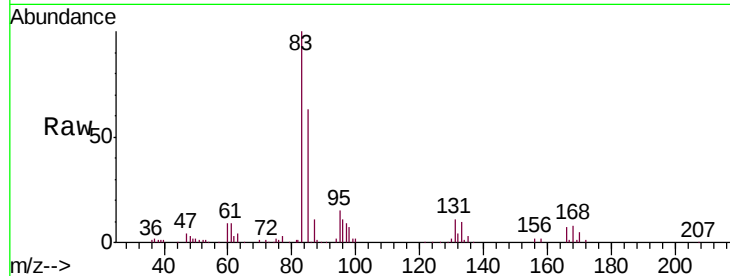
Tgt Ion: 83 Resp: 44114

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

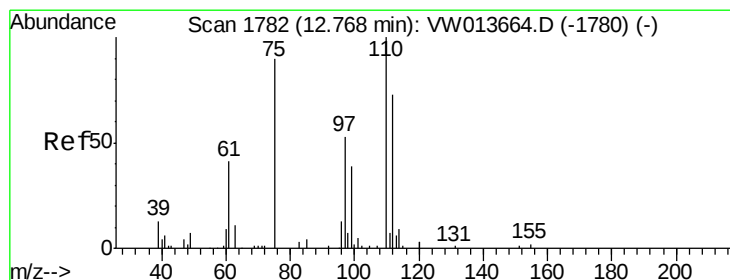
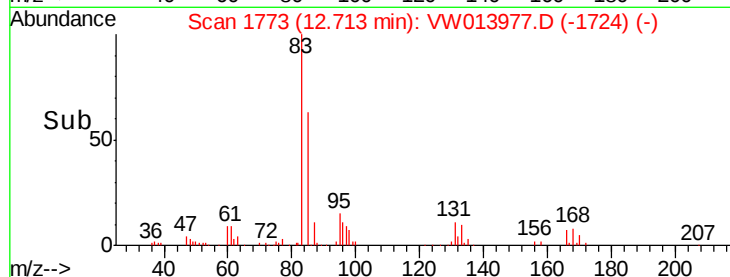
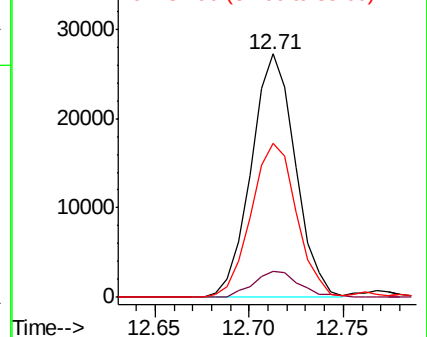
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 49.291 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW013977.D

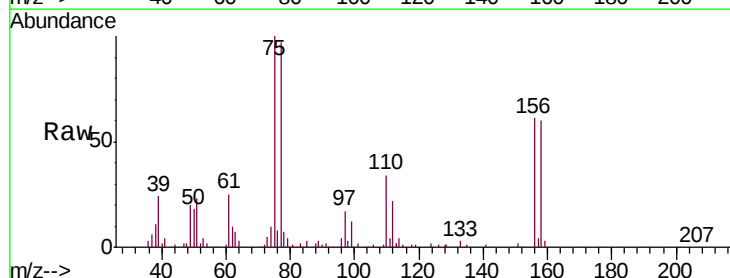
Acq: 12 Nov 2019 16:03

Tgt Ion: 75 Resp: 57112

Ion Ratio Lower Upper

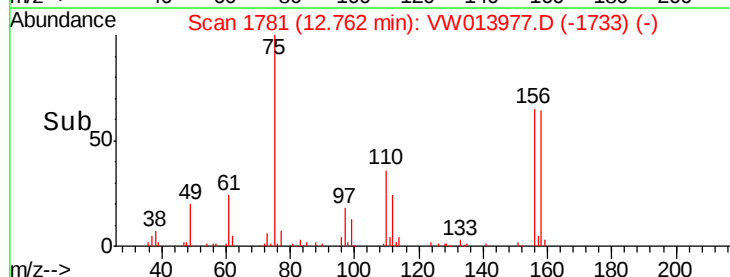
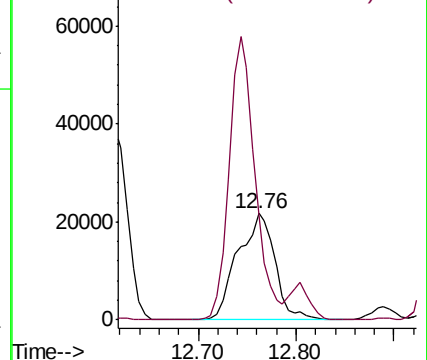
75 100

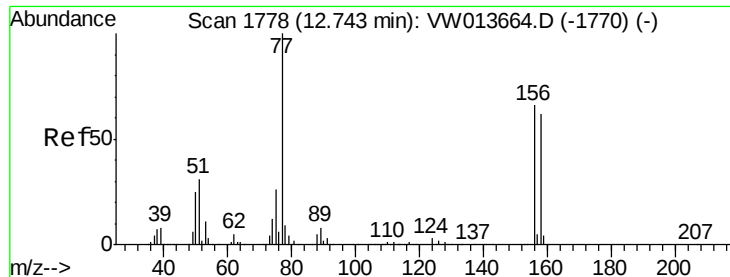
77 185.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.961 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

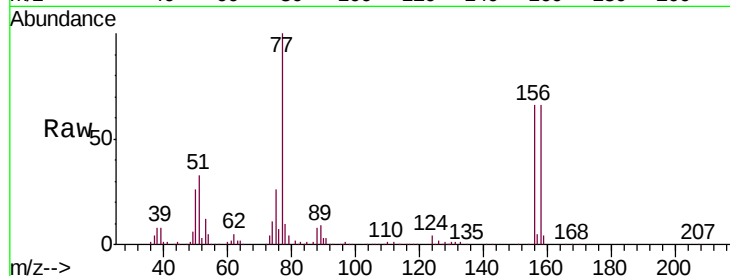
Tgt Ion:156 Resp: 63553

Ion Ratio Lower Upper

156 100

77 166.4 82.9 248.7

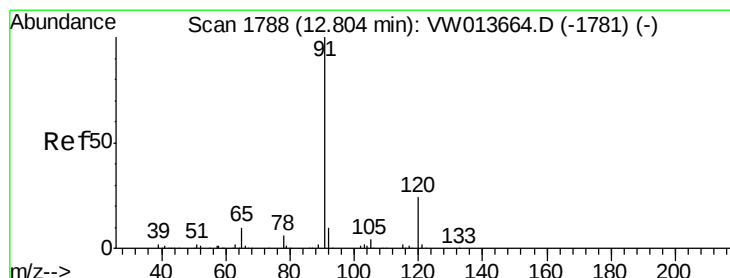
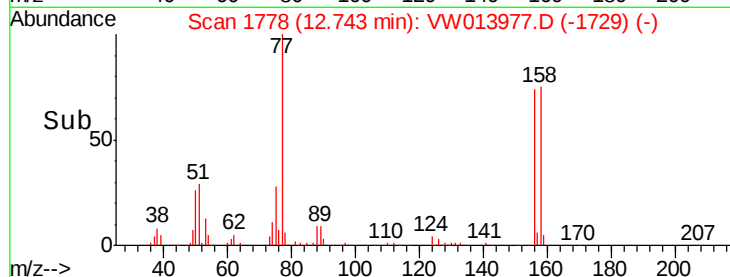
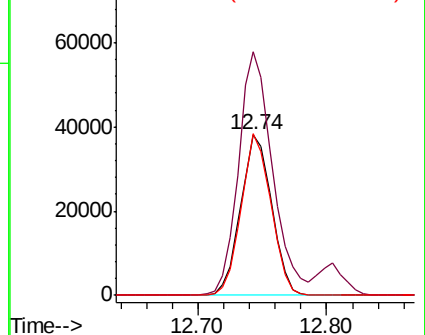
158 96.6 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.310 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013977.D

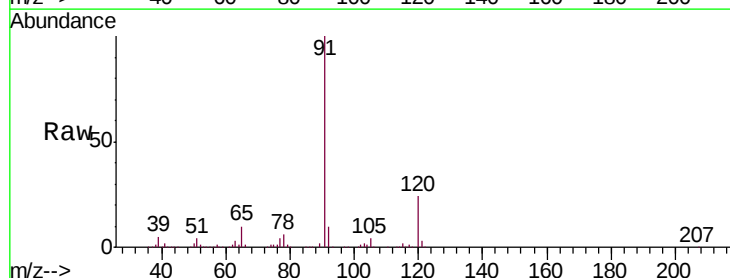
Acq: 12 Nov 2019 16:03

Tgt Ion: 91 Resp: 299195

Ion Ratio Lower Upper

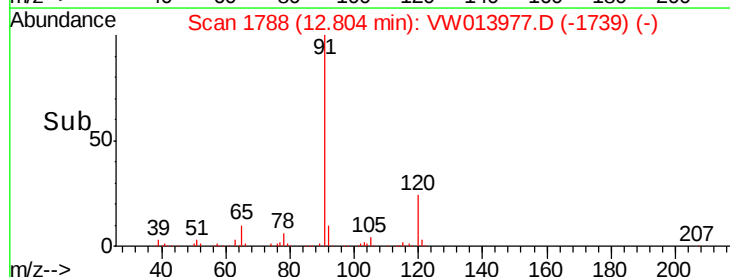
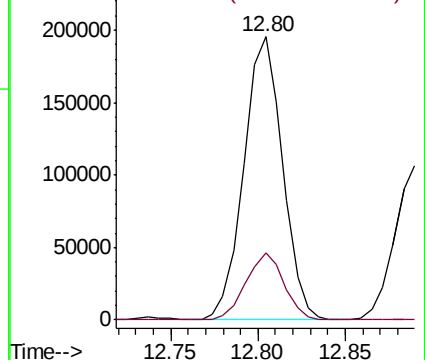
91 100

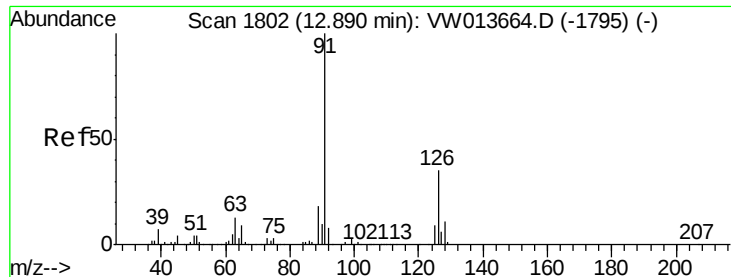
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.483 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

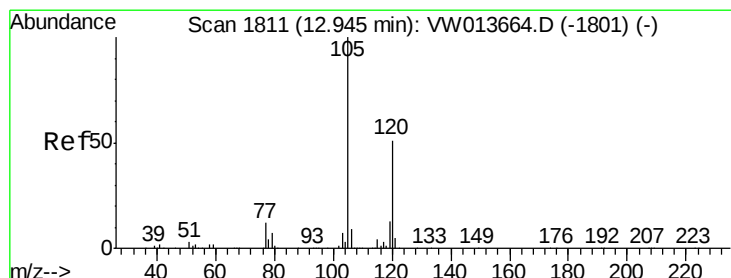
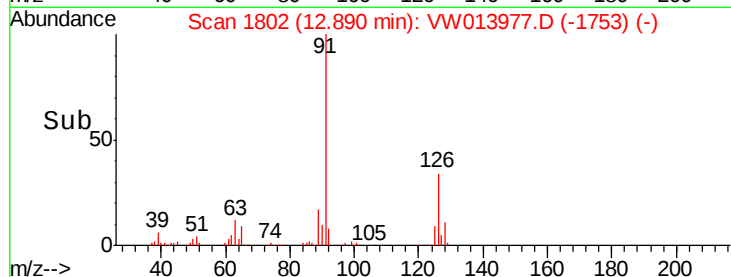
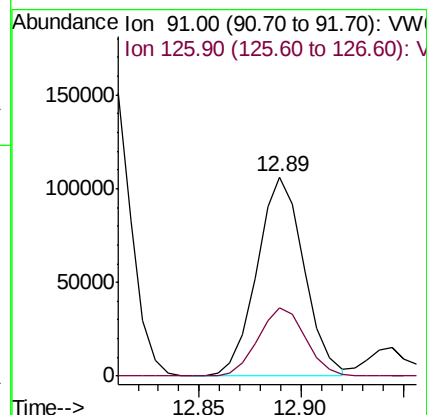
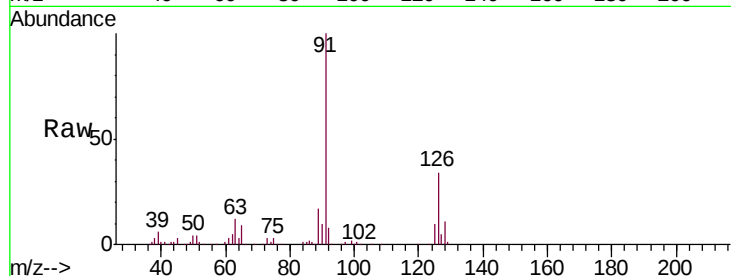
VW1112SBSD01

Tgt Ion: 91 Resp: 169441

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 22.490 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013977.D

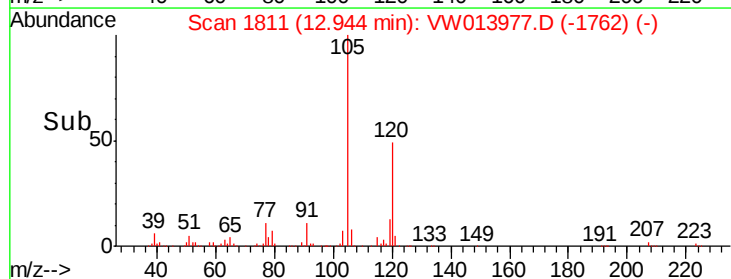
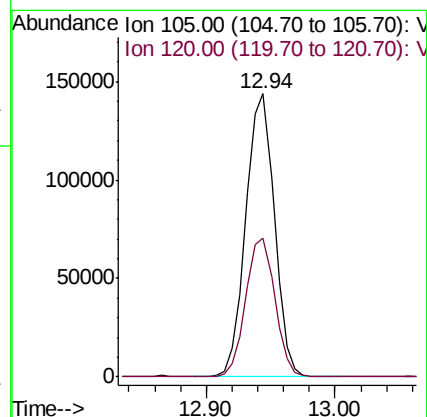
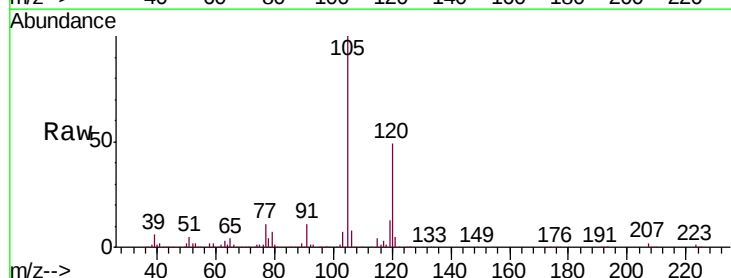
Acq: 12 Nov 2019 16:03

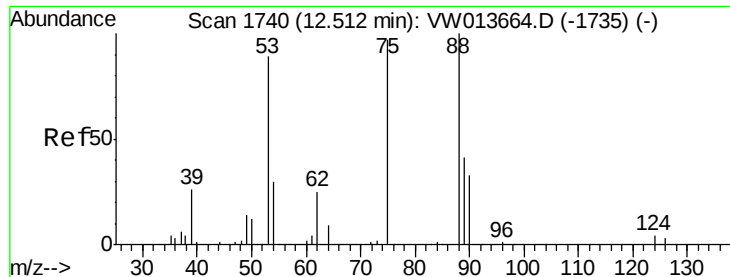
Tgt Ion: 105 Resp: 219974

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 23.722 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

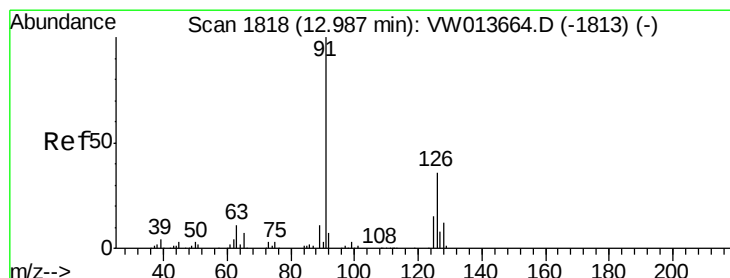
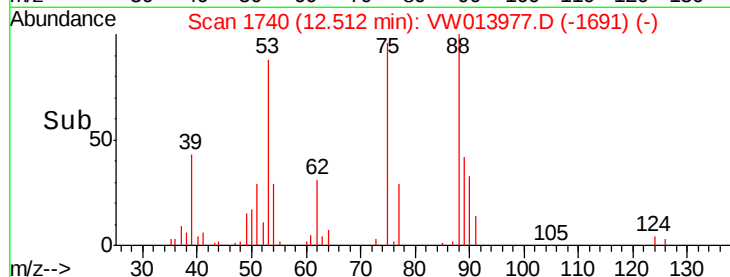
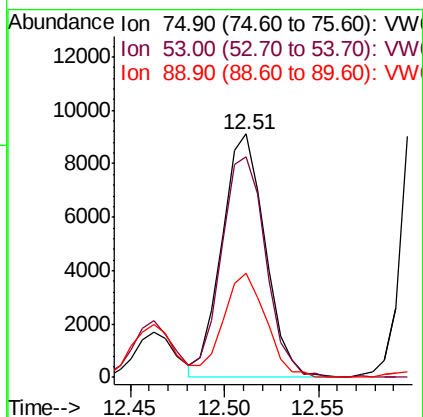
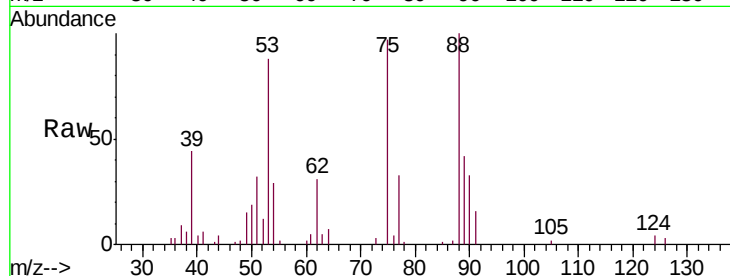
Tgt Ion: 75 Resp: 14544

Ion Ratio Lower Upper

75 100

53 93.0 71.7 107.5

89 42.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 22.305 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013977.D

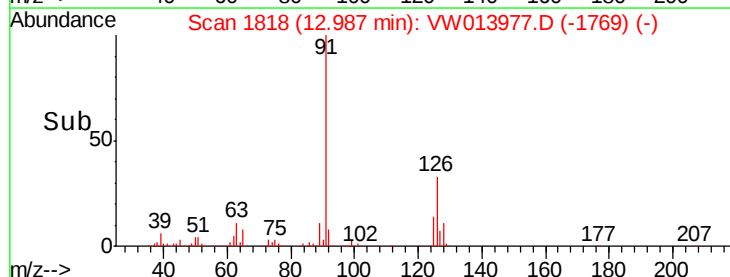
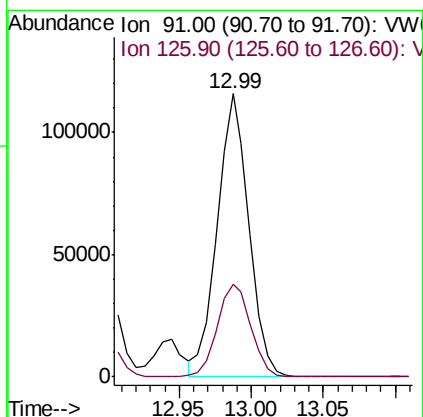
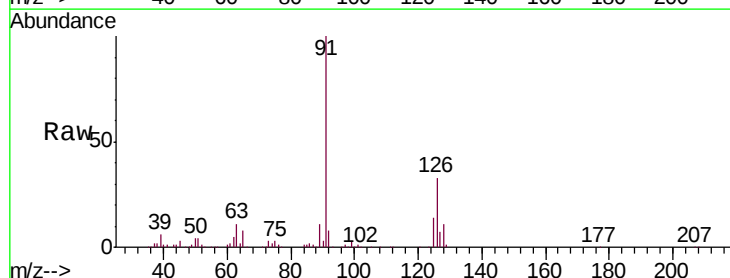
Acq: 12 Nov 2019 16:03

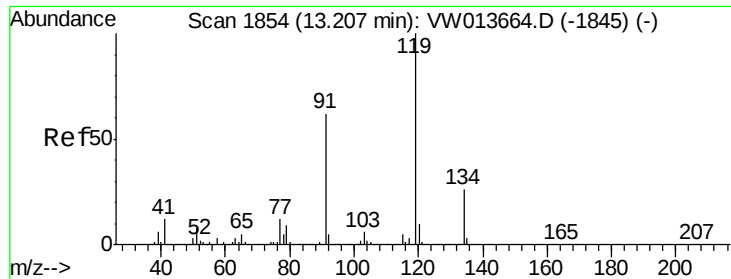
Tgt Ion: 91 Resp: 176479

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.5

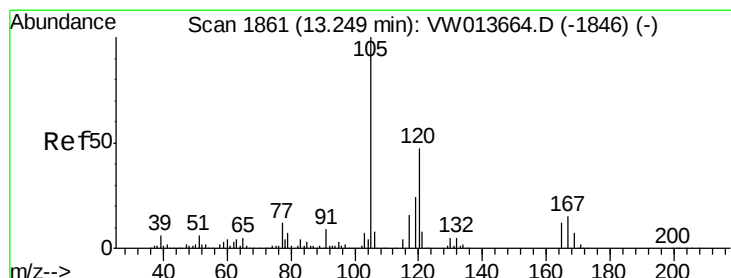
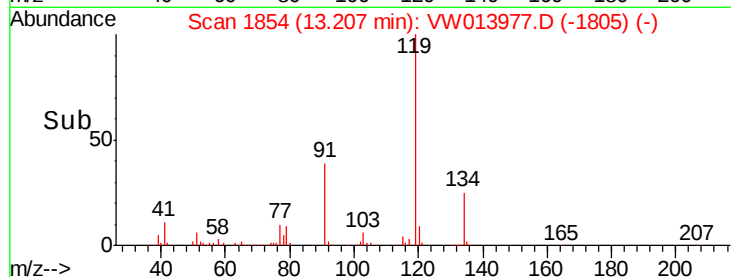
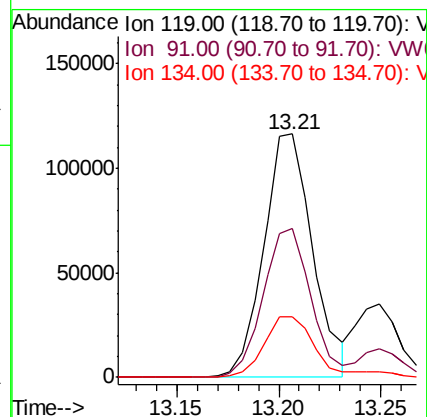
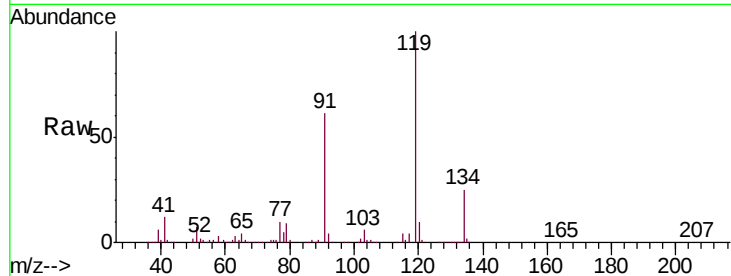




#83
 tert-Butylbenzene
 Concen: 22.430 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

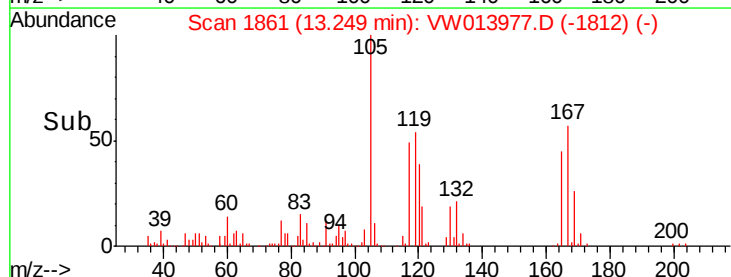
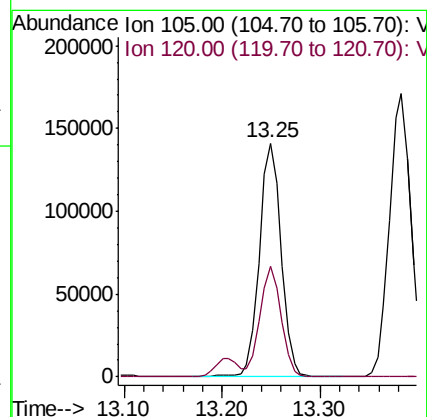
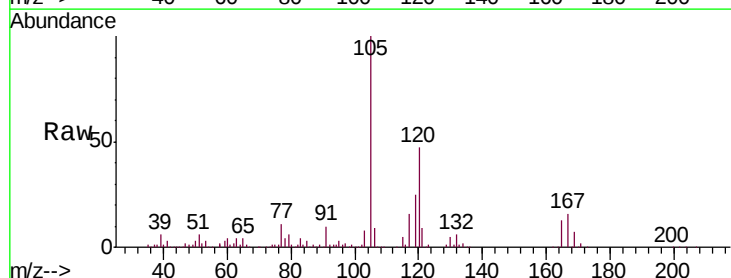
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

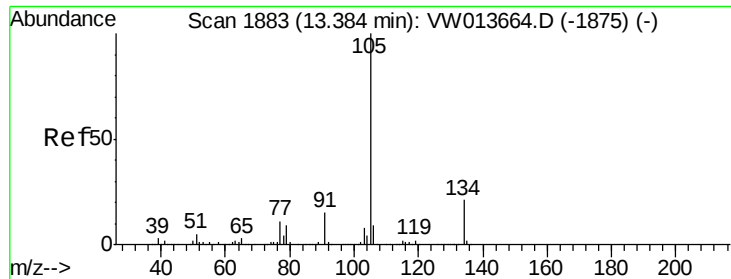
Tgt Ion:119 Resp: 194738
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.4 91.3
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.604 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion:105 Resp: 218095
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.5 70.5

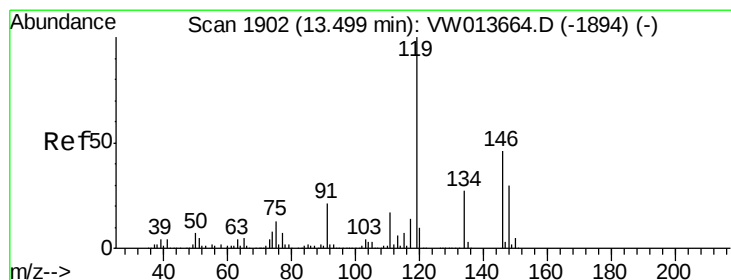
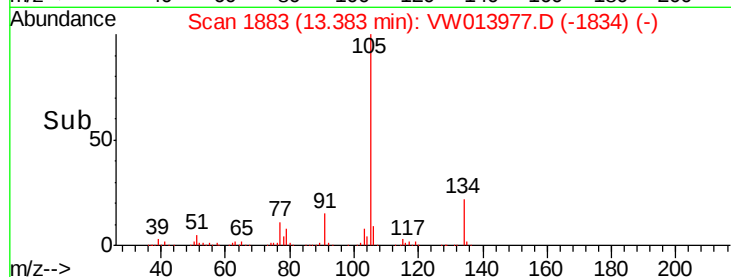
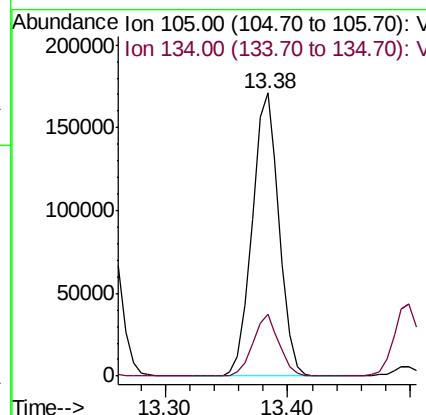
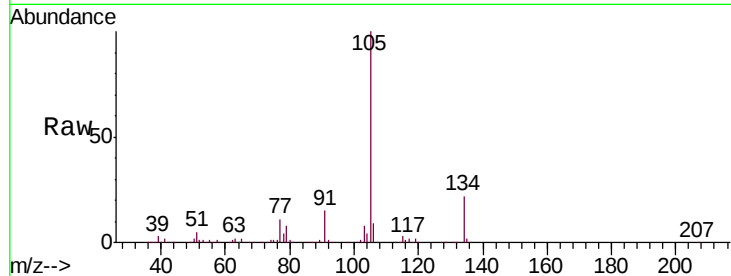




#85
 sec-Butylbenzene
 Concen: 21.960 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

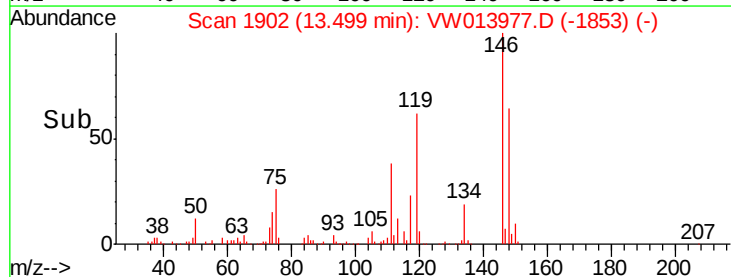
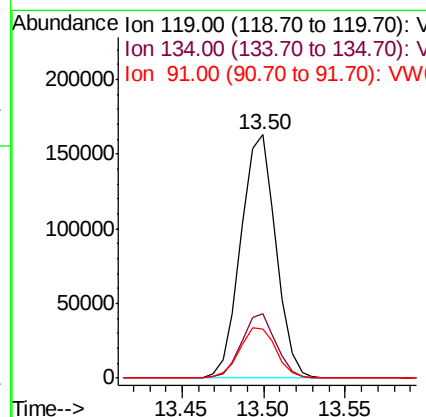
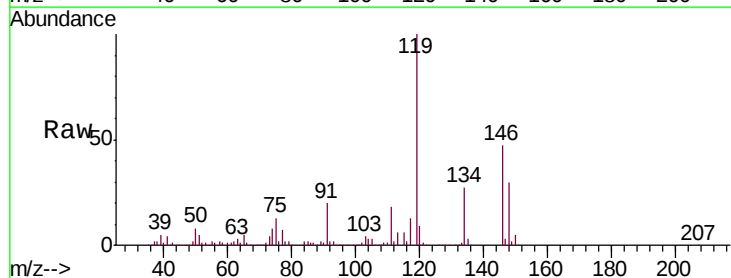
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

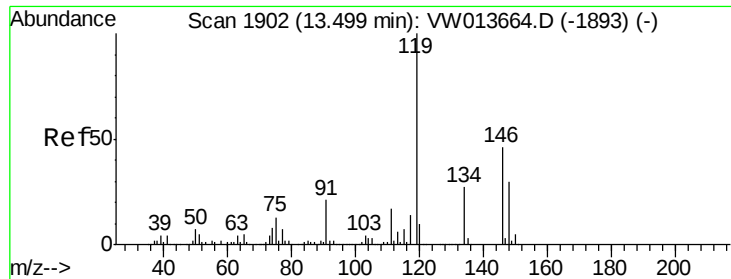
Tgt Ion:105 Resp: 260717
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 22.070 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion:119 Resp: 244074
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.1
 91 21.7 10.8 32.3

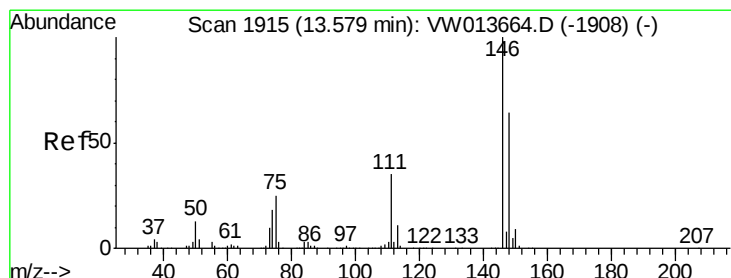
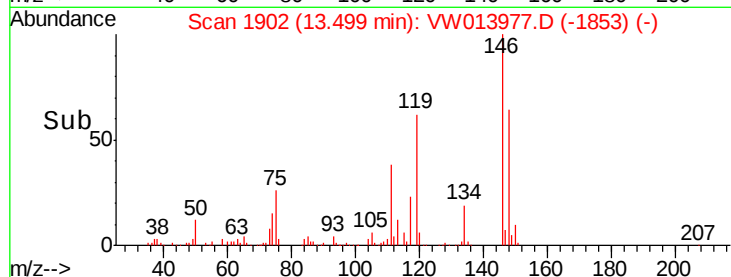
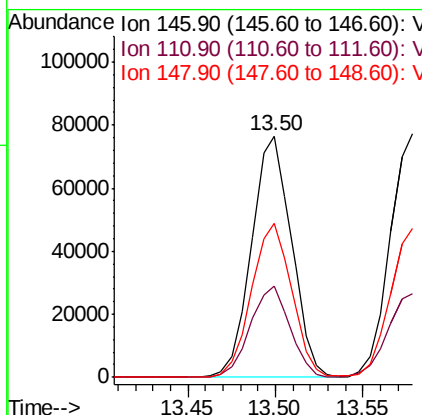
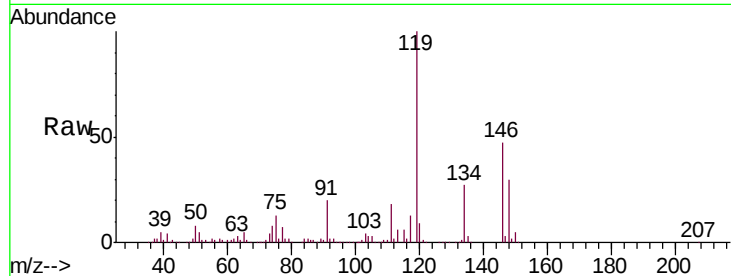




#87
 1,3-Dichlorobenzene
 Concen: 22.670 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

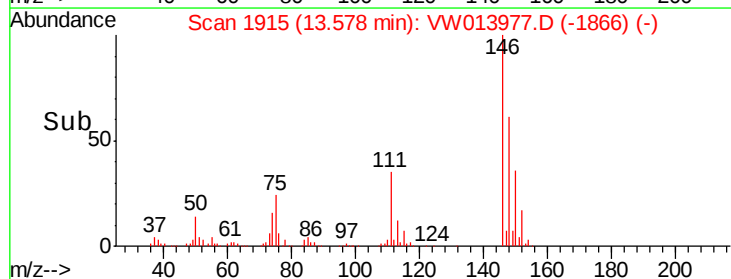
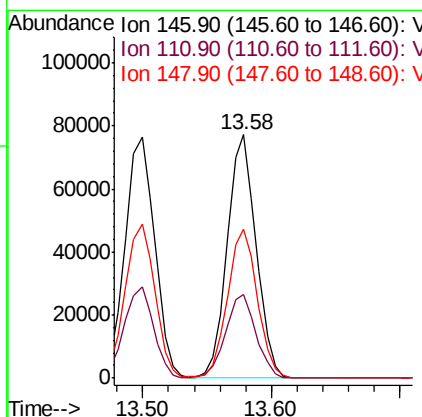
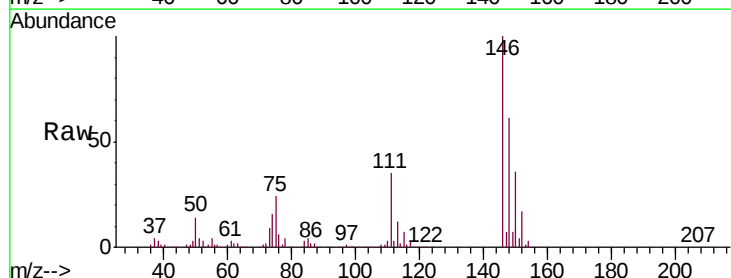
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

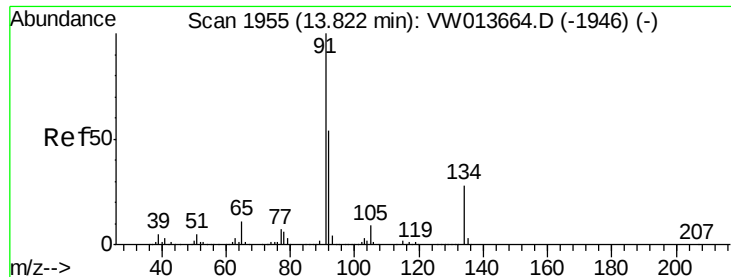
Tgt Ion:146 Resp: 121573
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 56.0
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 22.764 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion:146 Resp: 121283
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.3
 148 63.1 32.0 96.2





#89

n-Butylbenzene

Concen: 21.545 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

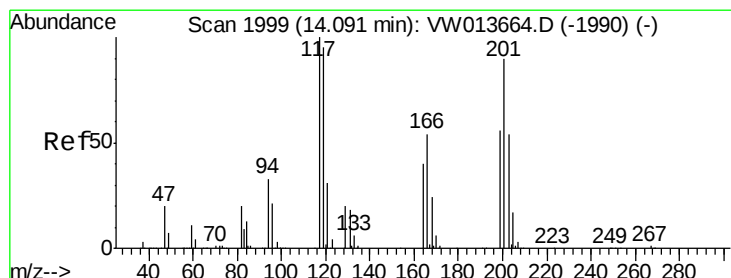
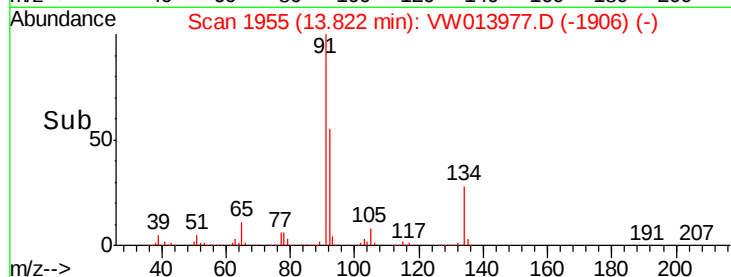
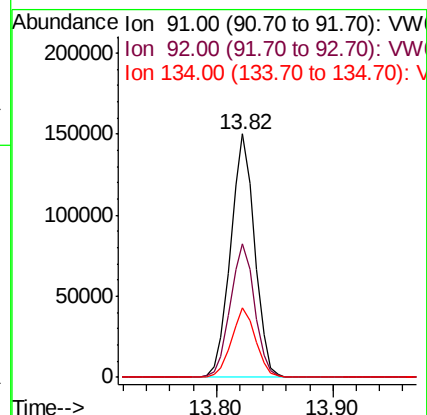
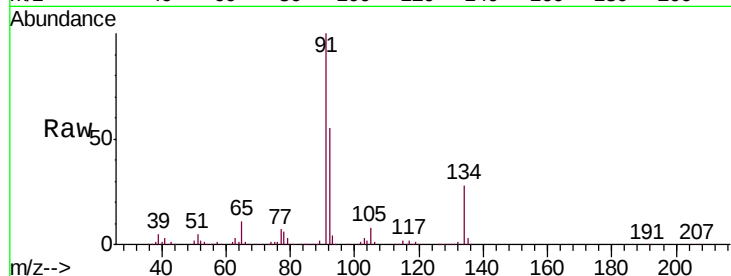
Tgt Ion: 91 Resp: 215074

Ion Ratio Lower Upper

91 100

92 55.5 27.5 82.4

134 28.6 14.0 41.9



#90

Hexachloroethane

Concen: 20.686 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013977.D

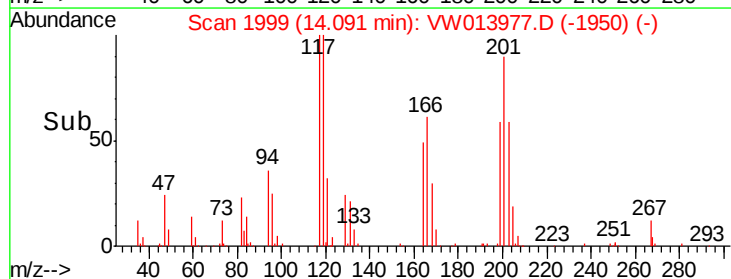
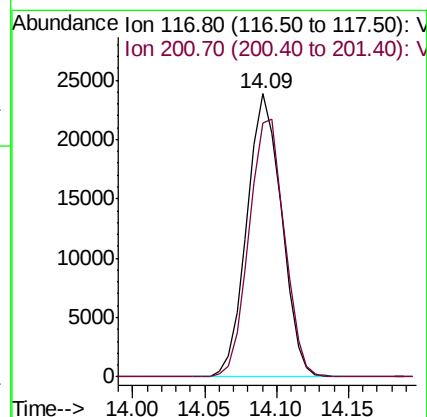
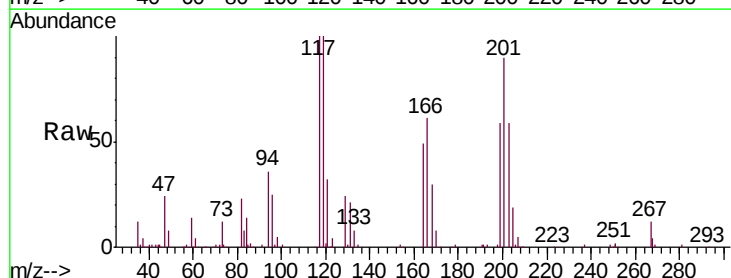
Acq: 12 Nov 2019 16:03

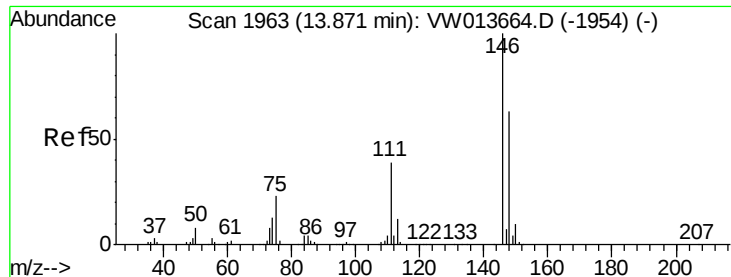
Tgt Ion: 117 Resp: 39764

Ion Ratio Lower Upper

117 100

201 92.3 46.1 138.2

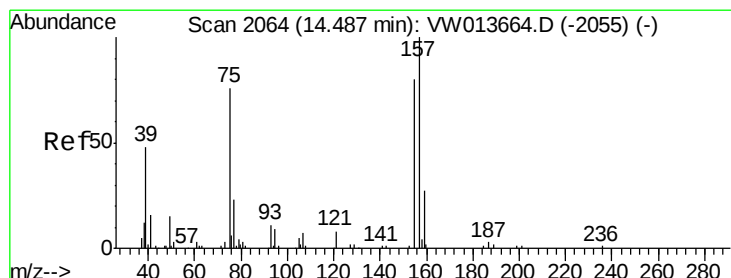
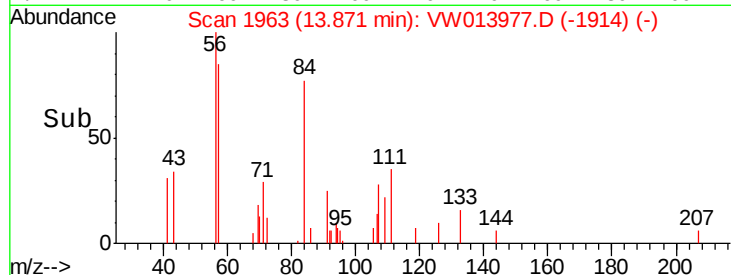
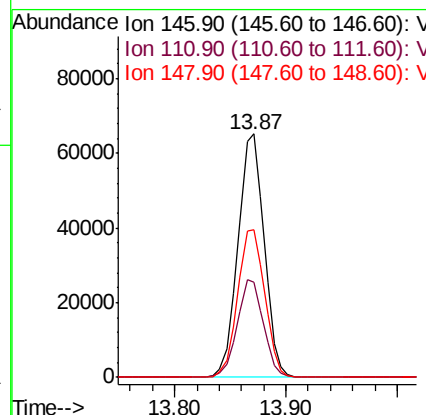
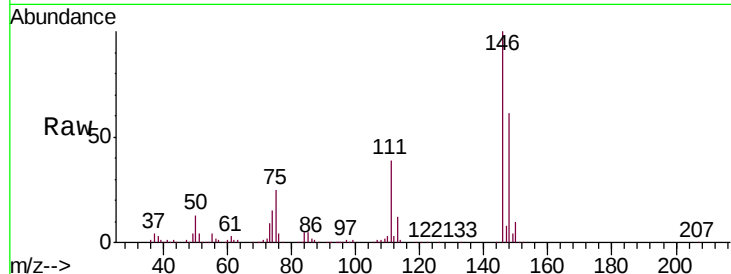




#91
 1,2-Dichlorobenzene
 Concen: 22.798 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

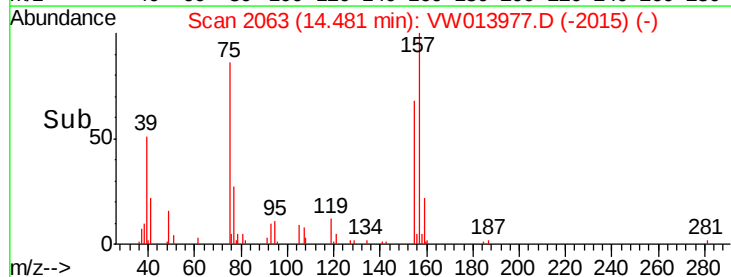
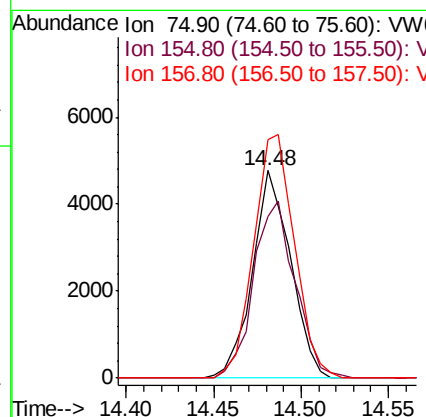
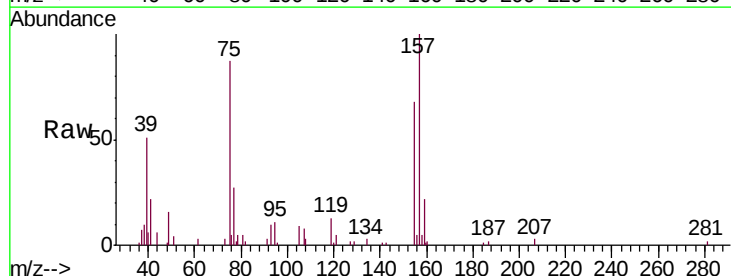
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

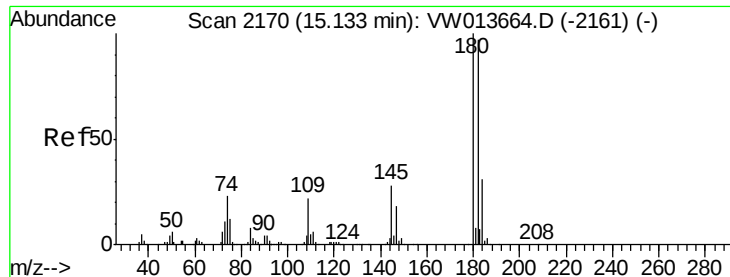
Tgt Ion: 146 Resp: 106010
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 62.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.103 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion: 75 Resp: 7217
 Ion Ratio Lower Upper
 75 100
 155 93.3 51.9 155.7
 157 126.1 64.8 194.3

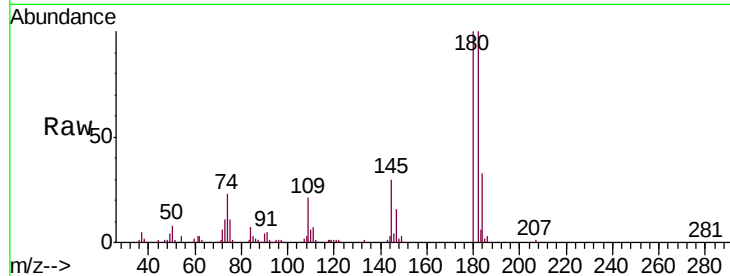




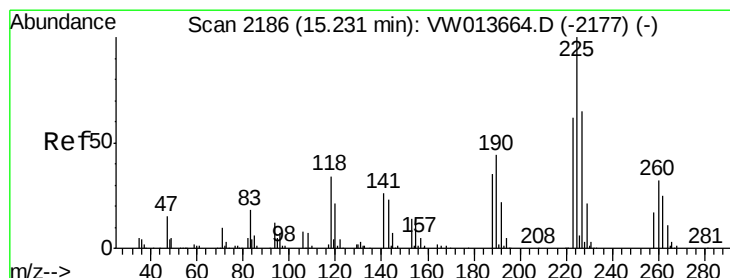
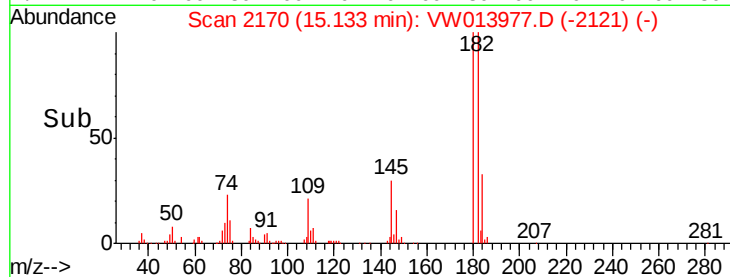
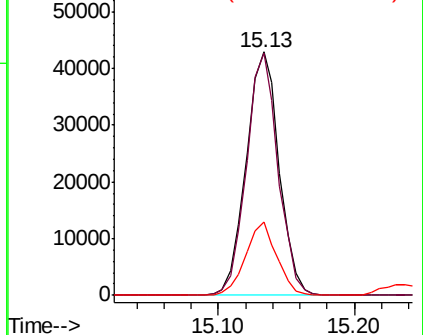
#93
 1,2,4-Trichlorobenzene
 Concen: 21.551 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion:180 Resp: 72929
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 28.5 14.1 42.3

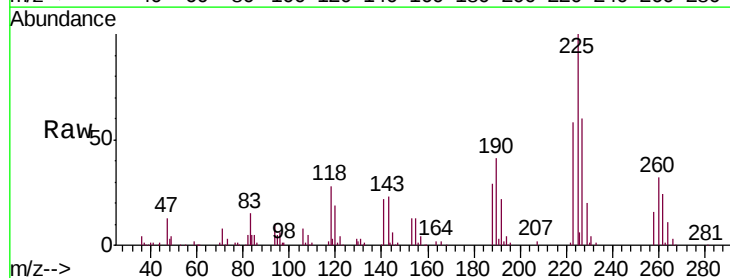


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

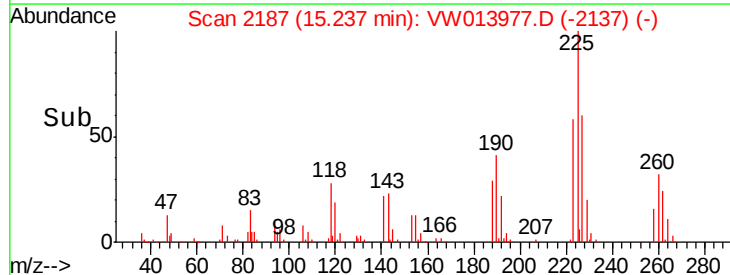
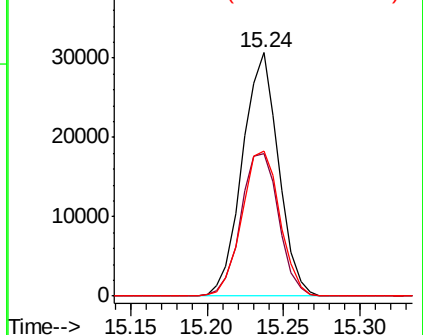


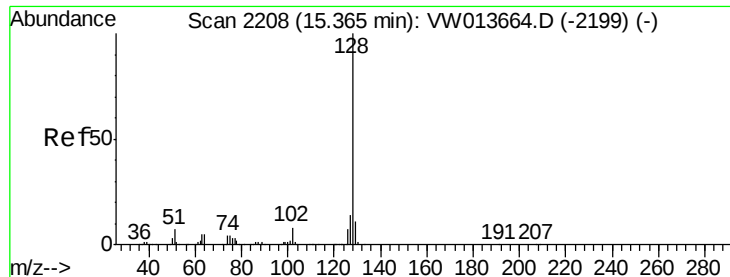
#94
 Hexachlorobutadiene
 Concen: 22.016 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013977.D
 Acq: 12 Nov 2019 16:03

Tgt Ion:225 Resp: 50295
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.9 95.9
 227 62.9 32.5 97.4



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





#95

Naphthalene

Concen: 22.361 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

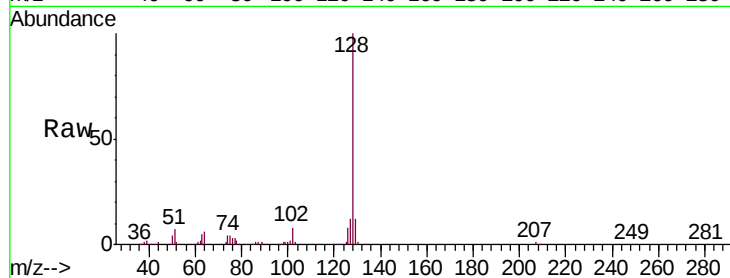
Tgt Ion:128 Resp: 118643

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

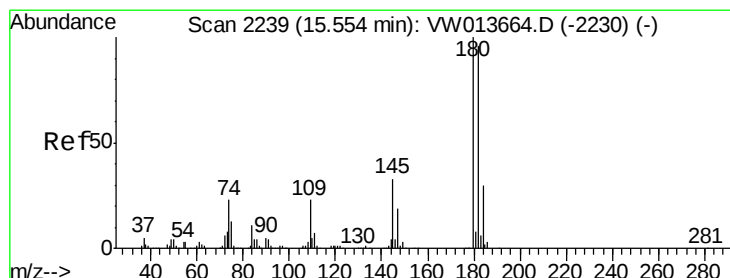
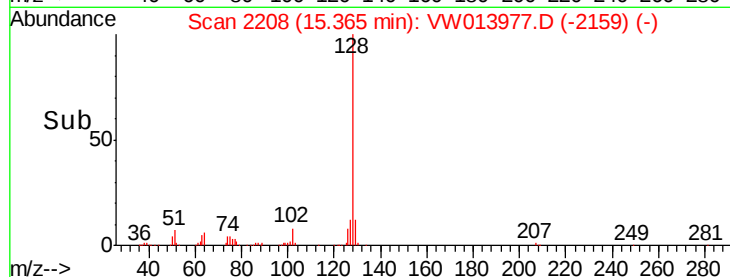
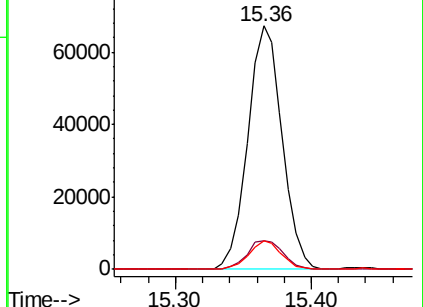
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.467 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013977.D

Acq: 12 Nov 2019 16:03

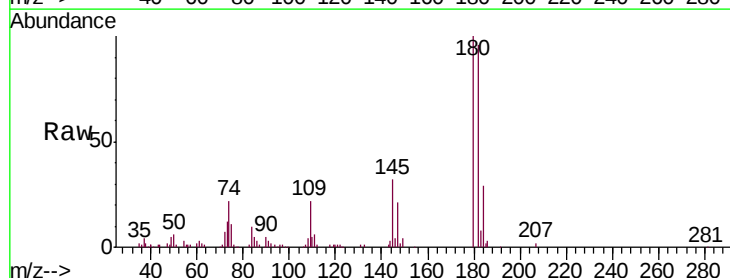
Tgt Ion:180 Resp: 62598

Ion Ratio Lower Upper

180 100

182 97.5 47.4 142.3

145 31.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

