

Data File : VW010400.D
Acq On : 12 May 2019 11:14
Operator : SY/VA
Sample : VW0512SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

Quant Time: May 13 05:20:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1276135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2052838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1839022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	936365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	640137	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	7.88	113	570842	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.32	98	2283414	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	12.62	95	826130	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	194450	20.111	ug/l	99
3) Chloromethane	2.21	50	256693	19.650	ug/l	96
4) Vinyl Chloride	2.37	62	341907	21.060	ug/l	98
5) Bromomethane	2.76	94	190808	20.381	ug/l	98
6) Chloroethane	2.92	64	198523	21.145	ug/l	96
7) Trichlorofluoromethane	3.24	101	149515	18.397	ug/l	96
8) Diethyl Ether	3.67	74	157309	22.018	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	291221	21.868	ug/l	96
10) Methyl Iodide	4.26	142	401333	21.281	ug/l	95
11) Tert butyl alcohol	5.19	59	73151	76.348	ug/l	99
12) 1,1-Dichloroethene	4.03	96	299714	21.538	ug/l	94
13) Acrolein	3.89	56	97291	76.912	ug/l	96
14) Allyl chloride	4.65	41	461942	22.239	ug/l	92
15) Acrylonitrile	5.37	53	343545	86.752	ug/l	99
16) Acetone	4.12	43	303528	85.819	ug/l	97
17) Carbon Disulfide	4.37	76	850730	20.214	ug/l	98
18) Methyl Acetate	4.67	43	155880	17.794	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	350940	21.185	ug/l	96
20) Methylene Chloride	4.91	84	316500	21.455	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	327628	21.873	ug/l	99
22) Diisopropyl ether	6.31	45	975408	24.196	ug/l	95
23) Vinyl Acetate	6.25	43	2891013	104.441	ug/l	97
24) 1,1-Dichloroethane	6.21	63	611981	22.548	ug/l	99
25) 2-Butanone	7.17	43	452430	83.618	ug/l	98
26) 2,2-Dichloropropane	7.16	77	301855	22.353	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	343388	22.292	ug/l	98
28) Bromochloromethane	7.51	49	268036	26.786	ug/l	99
29) Tetrahydrofuran	7.53	42	290102	82.895	ug/l	95
30) Chloroform	7.67	83	586016	23.071	ug/l	97
31) Cyclohexane	7.95	56	596301	21.457	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	442684	22.500	ug/l	99
36) 1,1-Dichloropropene	8.08	75	489291	21.982	ug/l	99
37) Ethyl Acetate	7.25	43	206345	17.411	ug/l	97
38) Carbon Tetrachloride	8.06	117	416413	21.824	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	580366	21.314	ug/l	97
40) Benzene	8.32	78	1361817	22.340	ug/l	99
41) Methacrylonitrile	7.48	41	114647	17.250	ug/l	94
42) 1,2-Dichloroethane	8.40	62	393149	22.532	ug/l	97
43) Isopropyl Acetate	8.43	43	365690	18.606	ug/l	97
44) Trichloroethene	9.09	130	332286	21.774	ug/l	99
45) 1,2-Dichloropropane	9.37	63	345863	22.826	ug/l	96
46) Dibromomethane	9.46	93	167862	21.444	ug/l	100
47) Bromodichloromethane	9.64	83	426326	22.705	ug/l	99
48) Methyl methacrylate	9.44	41	171557	18.460	ug/l	87
49) 1,4-Dioxane	9.45	88	44791	328.114	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	1011213	89.724	ug/l	96
52) Toluene	10.39	92	841795	22.593	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	410502	21.583	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	504149	22.382	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	234382	21.081	ug/l	94
56) Ethyl methacrylate	10.65	69	291285	19.840	ug/l	90
57) 1,3-Dichloropropane	10.93	76	436050	21.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	769650	109.489	ug/l	99
59) 2-Hexanone	10.97	43	700401	87.897	ug/l	94
60) Dibromochloromethane	11.13	129	257240	21.502	ug/l	98
61) 1,2-Dibromoethane	11.24	107	220279	20.639	ug/l	99
64) Tetrachloroethene	10.86	164	280408	21.816	ug/l	95
65) Chlorobenzene	11.66	112	863495	22.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	290004	22.539	ug/l	97
67) Ethyl Benzene	11.73	91	1600578	22.855	ug/l	99
68) m/p-Xylenes	11.84	106	1207573	46.410	ug/l	100
69) o-Xylene	12.17	106	535438	22.748	ug/l	100
70) Styrene	12.18	104	960276	23.414	ug/l	98
71) Bromoform	12.35	173	144806	19.688	ug/l #	99
73) Isopropylbenzene	12.46	105	1532549	22.454	ug/l	100
74) N-amyl acetate	12.27	43	340633	19.318	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	281347	18.709	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	361925	33.152	ug/l #	100
77) Bromobenzene	12.75	156	339387	22.023	ug/l	99
78) n-propylbenzene	12.80	91	1927298	22.863	ug/l	99
79) 2-Chlorotoluene	12.90	91	1084879	22.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1329781	23.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	83937	17.363	ug/l	96
82) 4-Chlorotoluene	12.99	91	1153356	22.930	ug/l	99
83) tert-Butylbenzene	13.21	119	1109709	23.122	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1337692	23.395	ug/l	99
85) sec-Butylbenzene	13.39	105	1594831	22.510	ug/l	100
86) p-Isopropyltoluene	13.50	119	1443967	22.955	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	694664	22.574	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	688203	22.535	ug/l	99
89) n-Butylbenzene	13.83	91	1425865	22.606	ug/l	98
90) Hexachloroethane	14.10	117	248478	21.297	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	611415	22.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44005	16.250	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051219\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

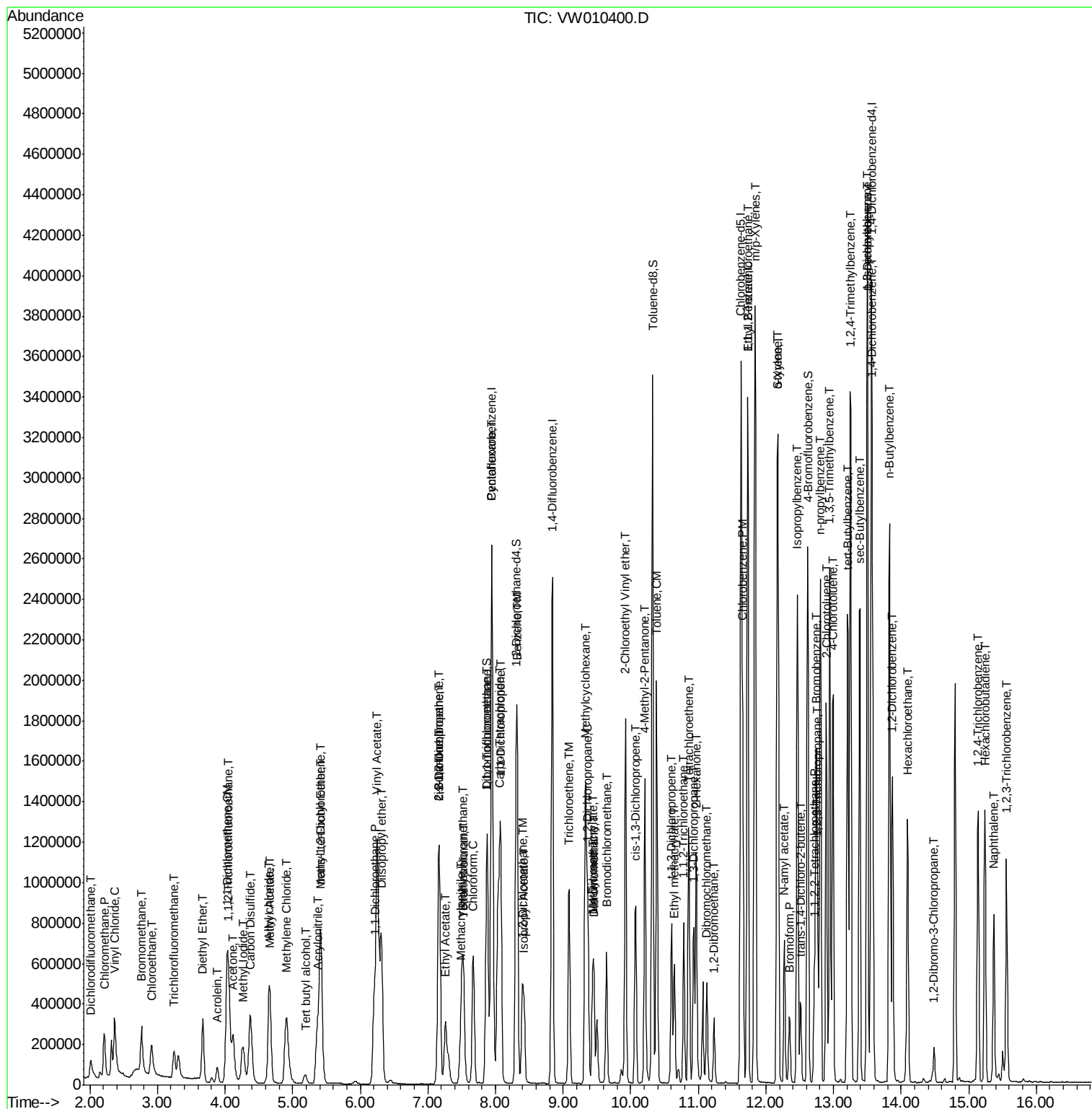
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	423999	22.806	ug/l	100
94) Hexachlorobutadiene	15.24	225	269385	22.602	ug/l	98
95) Naphthalene	15.38	128	708768	19.082	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	380243	22.640	ug/l	99

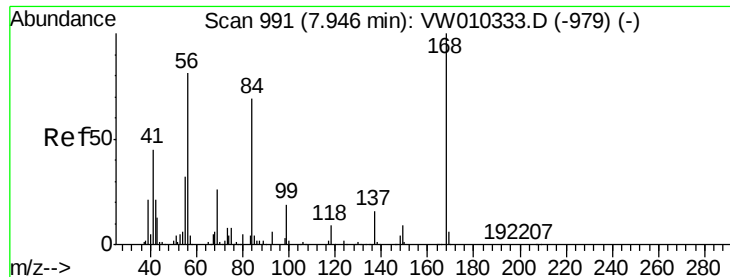
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

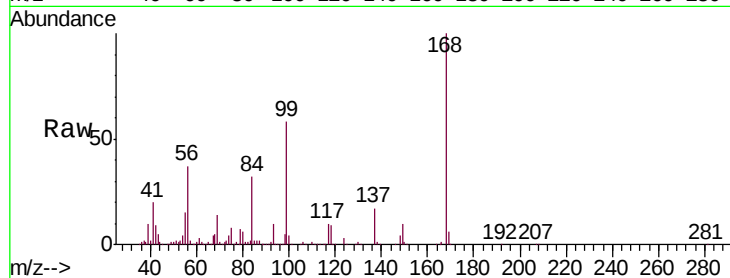
VW0512SBS01

Tgt Ion:168 Resp: 1276135

Ion Ratio Lower Upper

168 100

99 58.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

600000

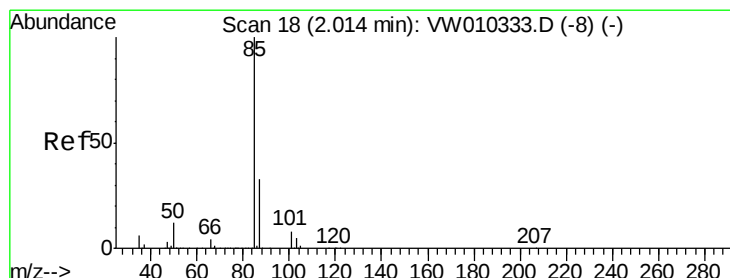
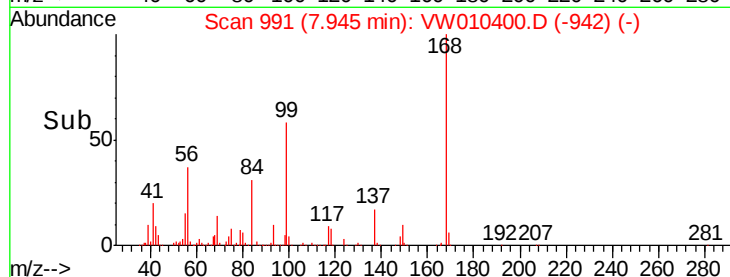
400000

200000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.111 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010400.D

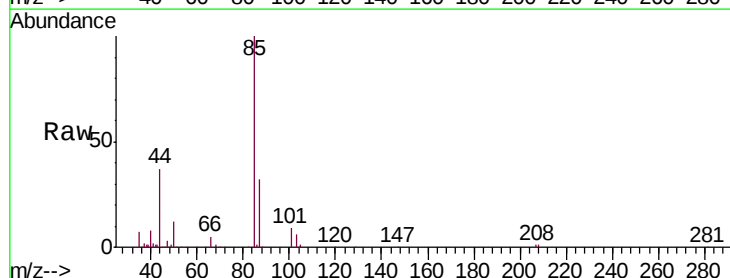
Acq: 12 May 2019 11:14

Tgt Ion: 85 Resp: 194450

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

30000

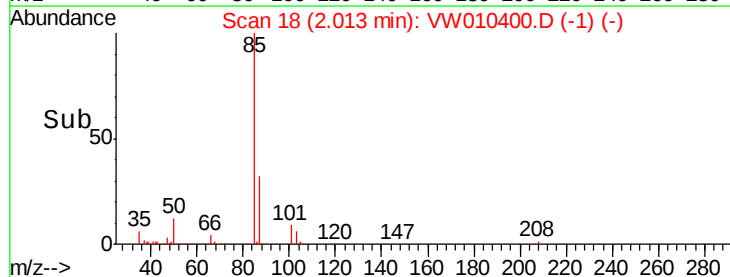
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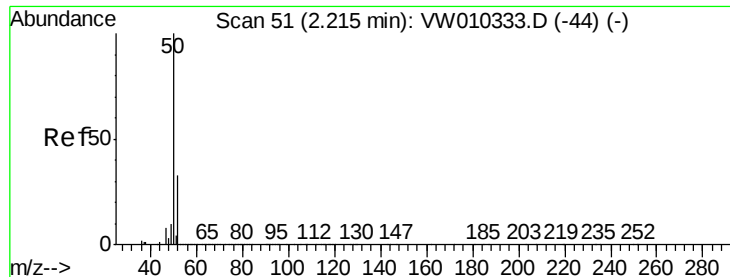
10000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 19.650 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

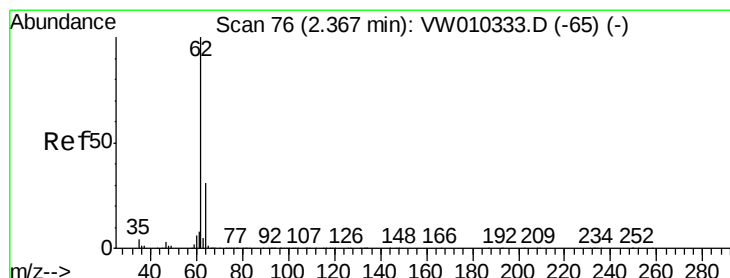
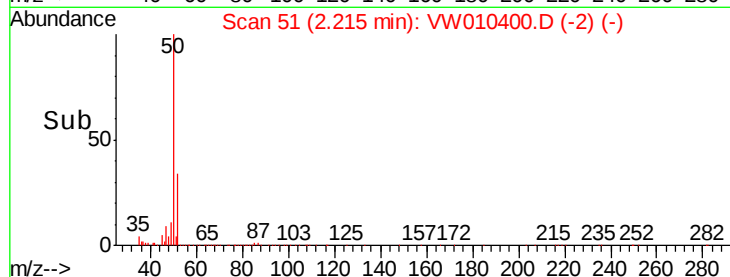
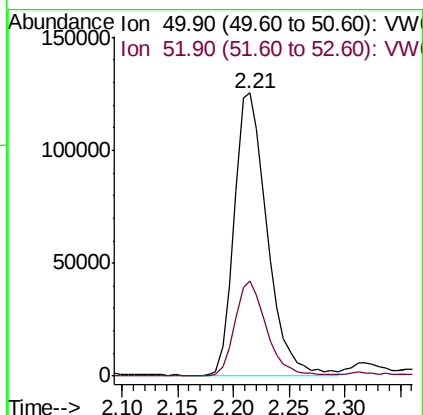
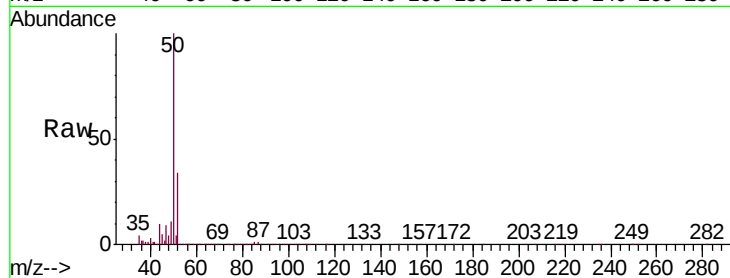
VW0512SBS01

Tgt Ion: 50 Resp: 256693

Ion Ratio Lower Upper

50 100

52 33.7 25.0 37.6



#4

Vinyl Chloride

Concen: 21.060 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010400.D

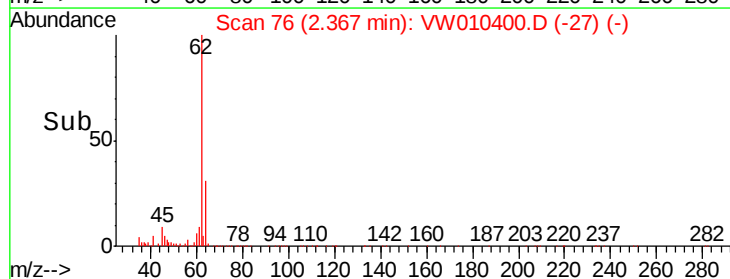
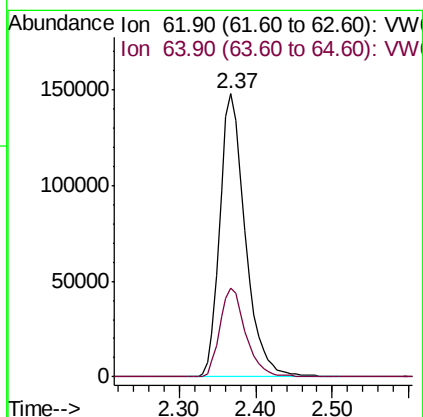
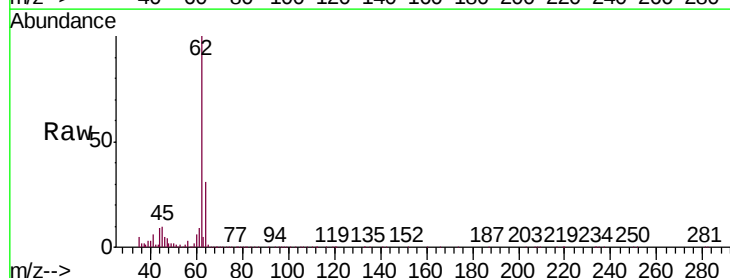
Acq: 12 May 2019 11:14

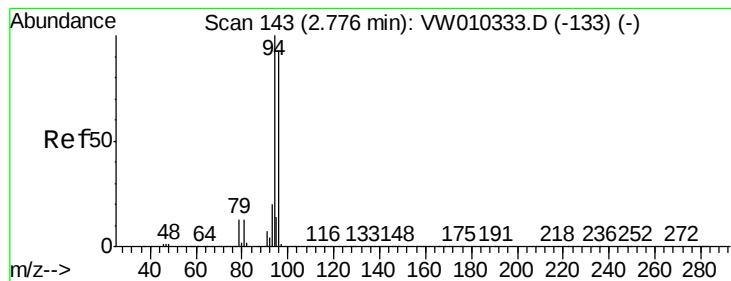
Tgt Ion: 62 Resp: 341907

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 20.381 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

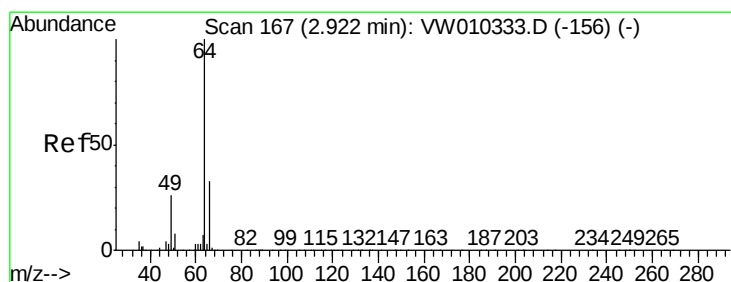
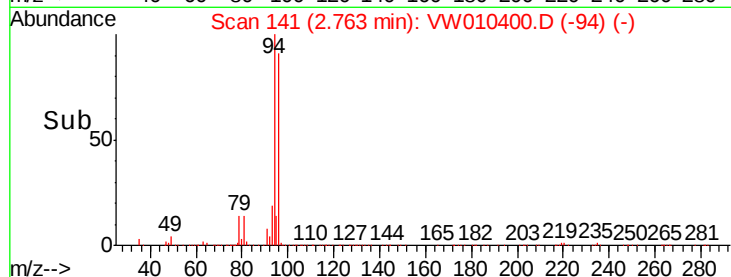
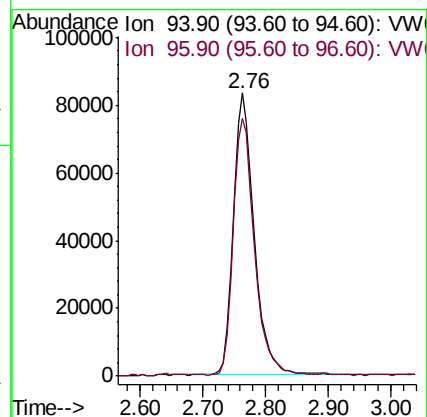
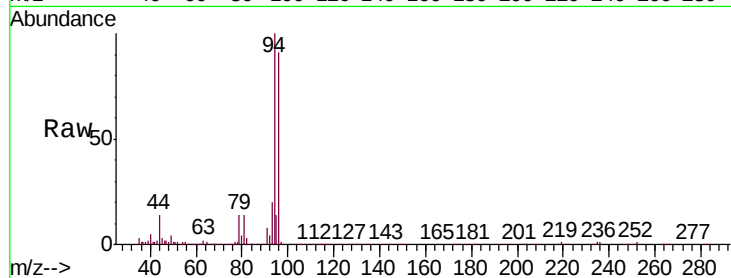
VW0512SBS01

Tgt Ion: 94 Resp: 190808

Ion Ratio Lower Upper

94 100

96 90.5 74.2 111.2



#6

Chloroethane

Concen: 21.145 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

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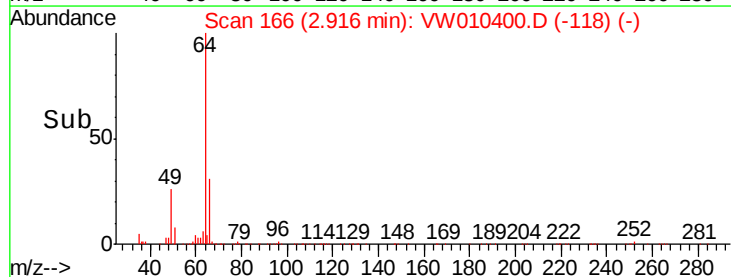
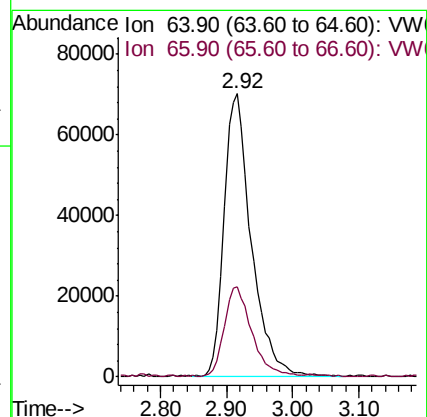
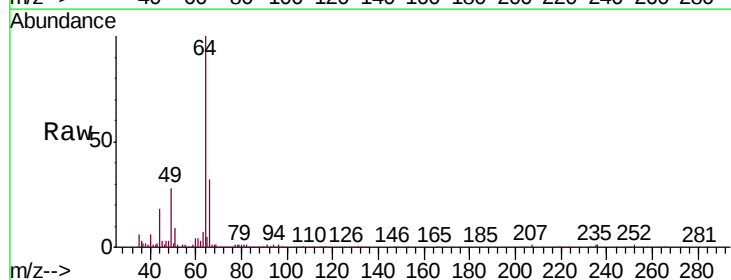
Acq: 12 May 2019 11:14

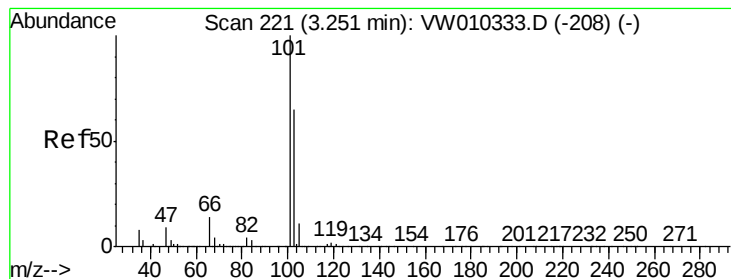
Tgt Ion: 64 Resp: 198523

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.0



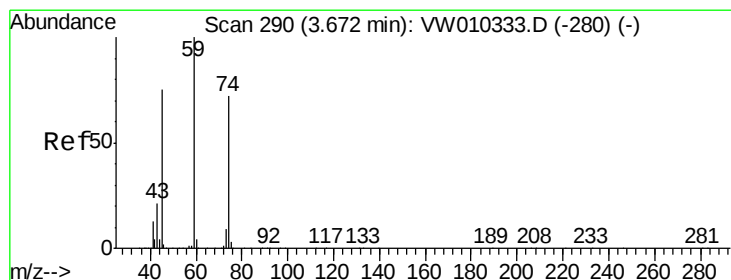
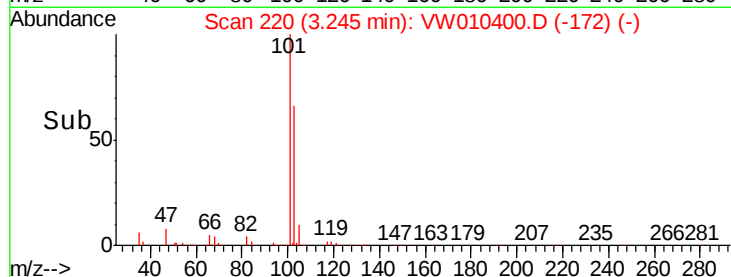
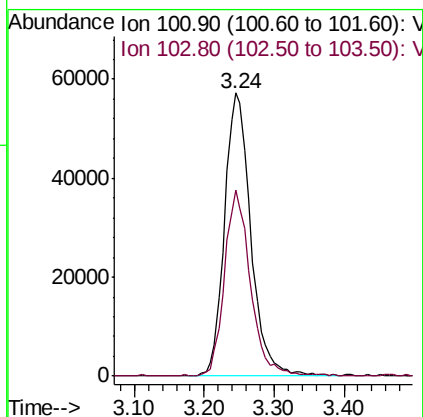
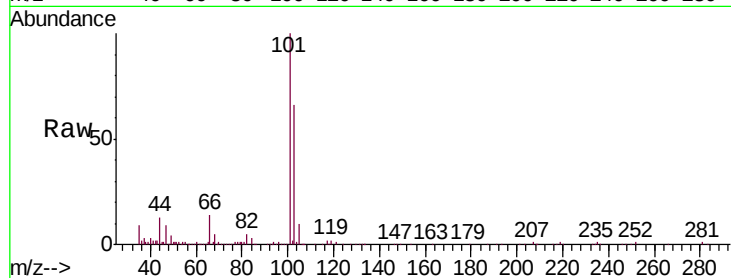


#7

Trichlorofluoromethane
 Concen: 18.397 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
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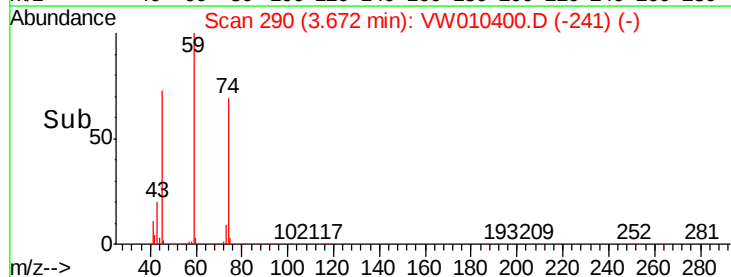
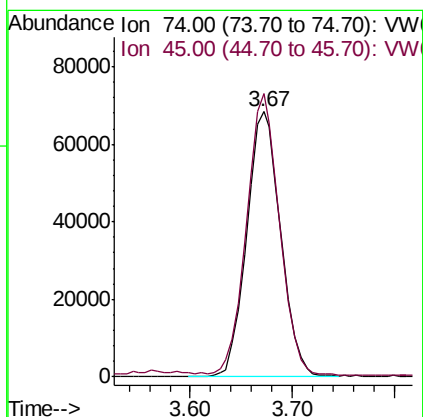
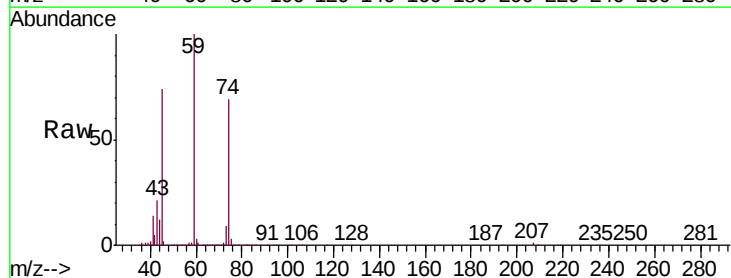
Tgt Ion: 101 Resp: 149515
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.8 74.6

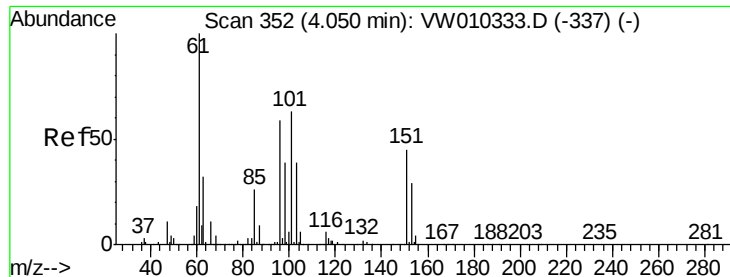


#8

Diethyl Ether
 Concen: 22.018 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion: 74 Resp: 157309
 Ion Ratio Lower Upper
 74 100
 45 104.4 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.868 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010400.D

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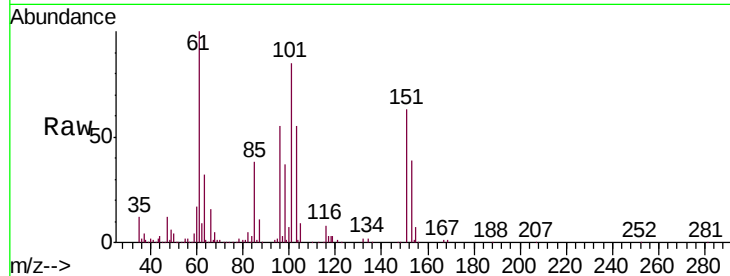
Tgt Ion:101 Resp: 291221

Ion Ratio Lower Upper

101 100

85 43.5 36.3 54.5

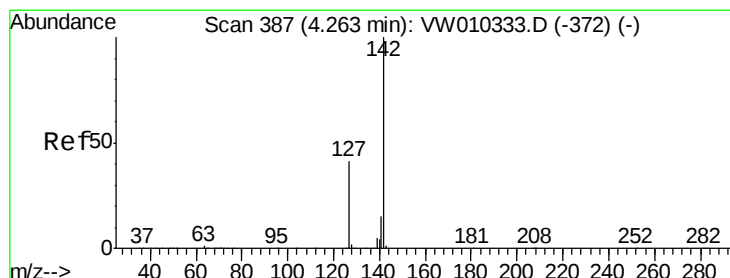
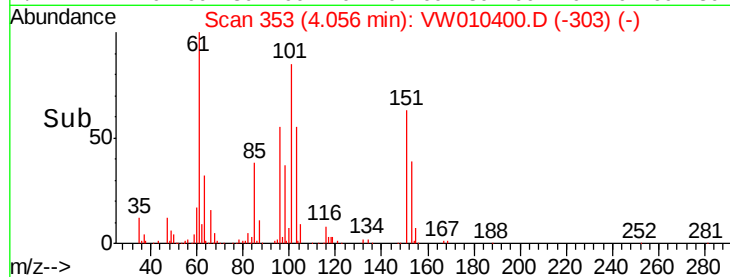
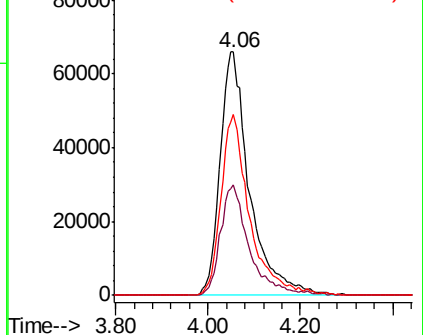
151 71.3 60.2 90.2



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: 21.281 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

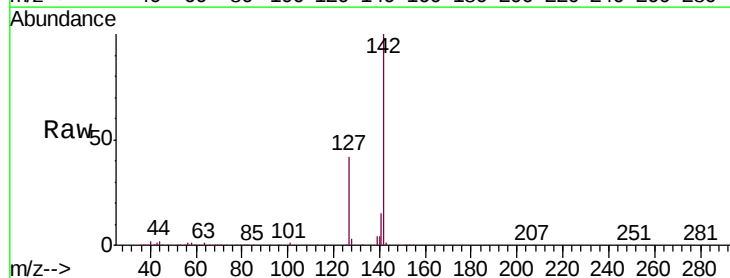
Tgt Ion:142 Resp: 401333

Ion Ratio Lower Upper

142 100

127 43.6 38.1 57.1

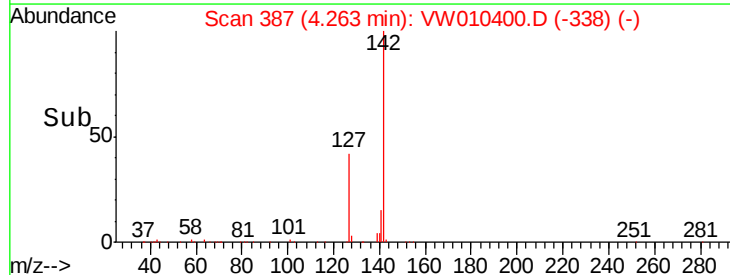
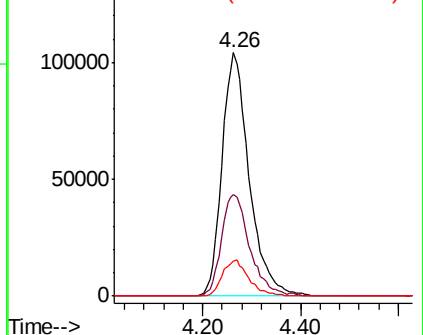
141 14.6 12.2 18.2

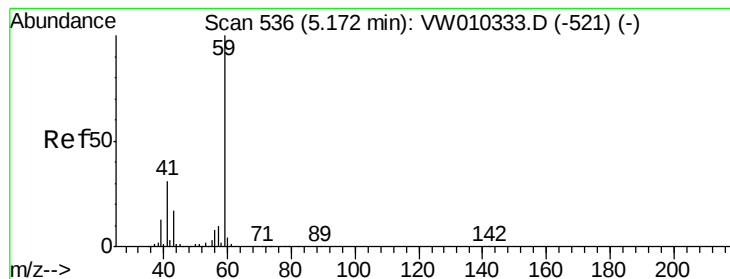


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



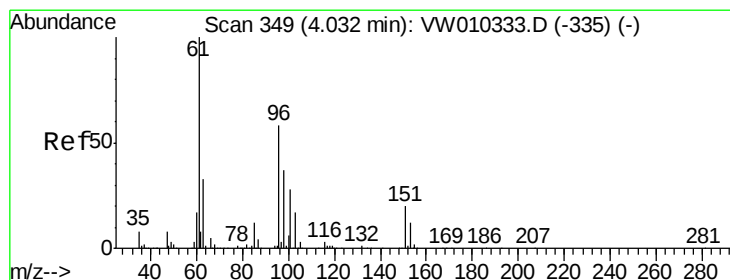
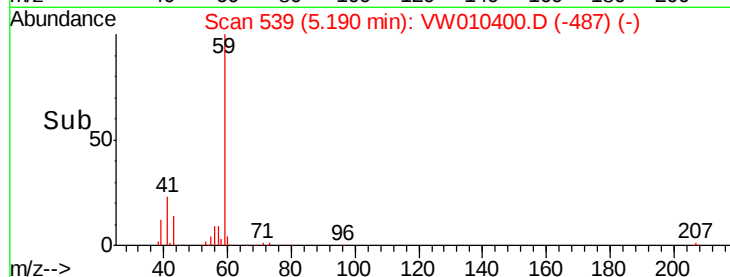
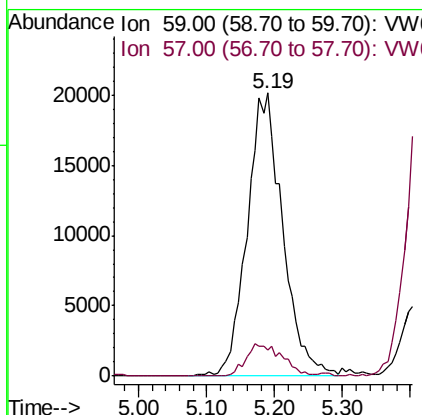
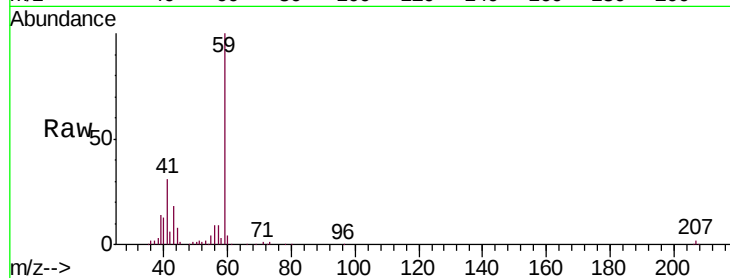


#11

Tert butyl alcohol
 Concen: 76.348 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

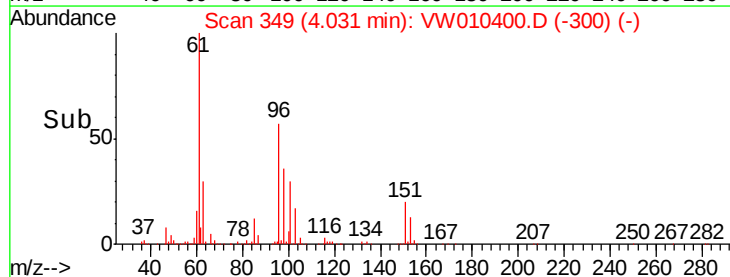
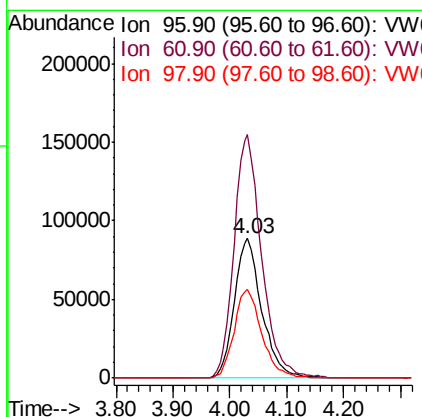
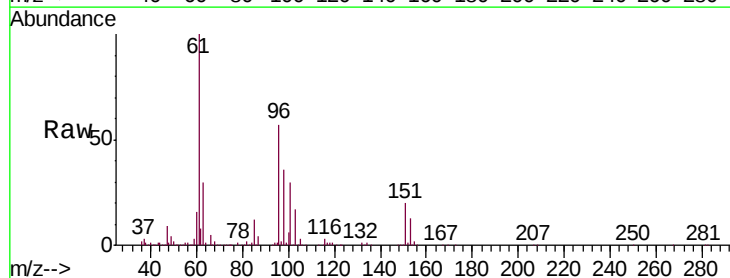
Tgt Ion: 59 Resp: 73151
 Ion Ratio Lower Upper
 59 100
 57 11.6 9.0 13.4

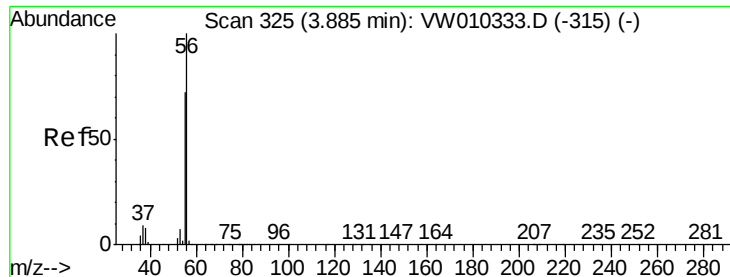


#12

1,1-Dichloroethene
 Concen: 21.538 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion: 96 Resp: 299714
 Ion Ratio Lower Upper
 96 100
 61 174.2 147.4 221.2
 98 63.4 49.7 74.5





#13

Acrolein

Concen: 76.912 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

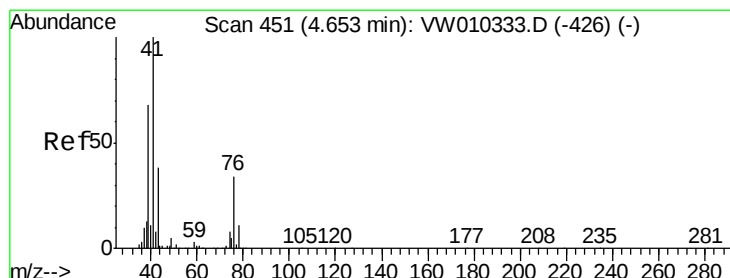
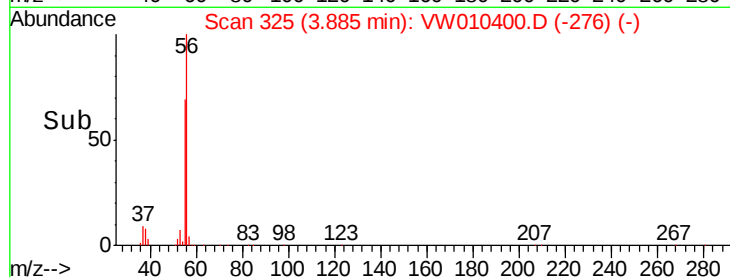
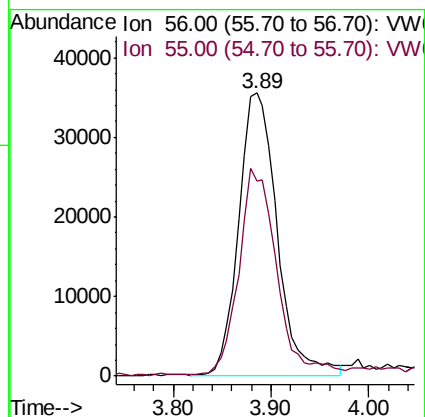
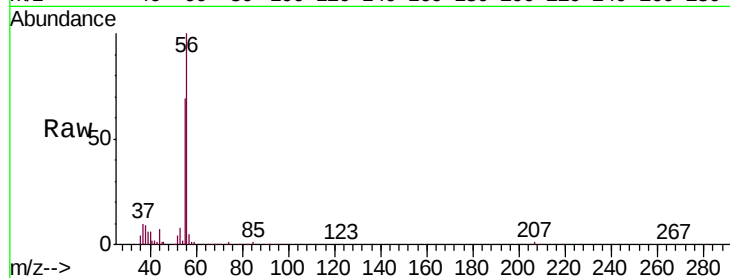
VW0512SBS01

Tgt Ion: 56 Resp: 97291

Ion Ratio Lower Upper

56 100

55 71.2 54.2 81.2



#14

Allyl chloride

Concen: 22.239 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

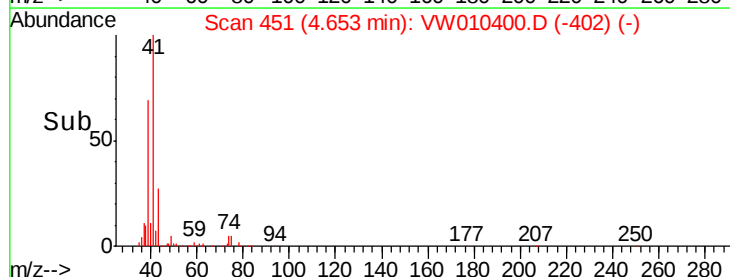
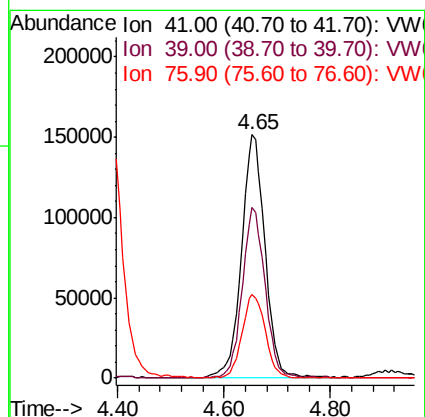
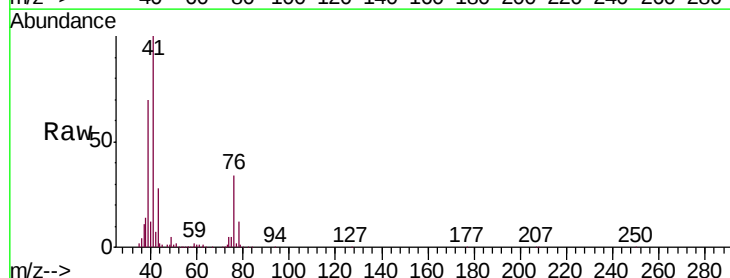
Tgt Ion: 41 Resp: 461942

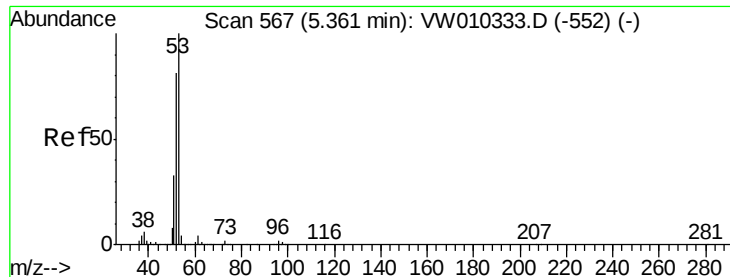
Ion Ratio Lower Upper

41 100

39 67.6 60.2 90.4

76 34.0 25.0 37.6





#15

Acrylonitrile

Concen: 86.752 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

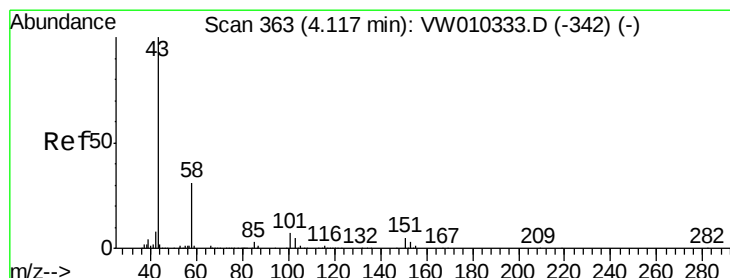
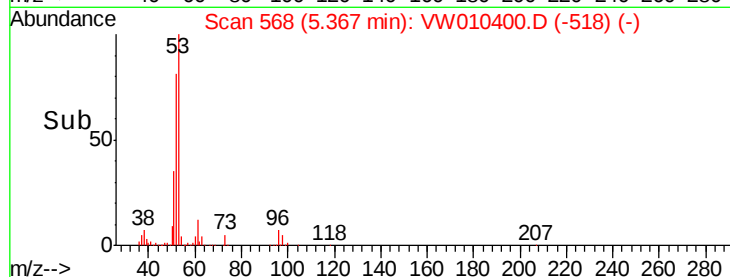
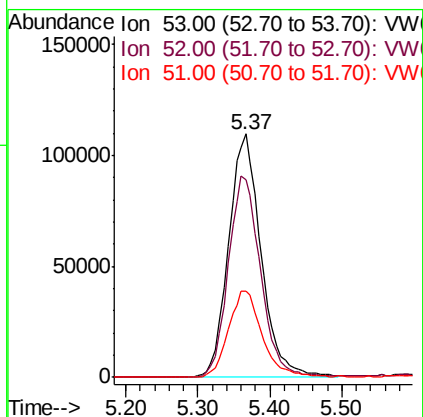
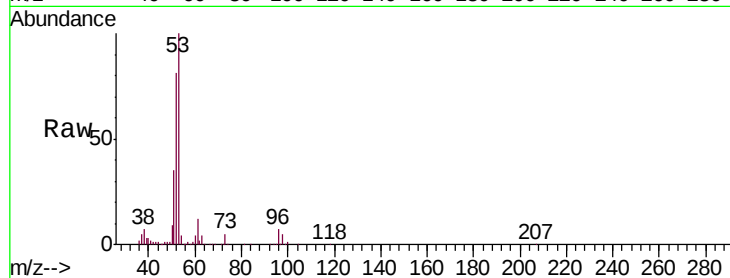
Tgt Ion: 53 Resp: 343545

Ion Ratio Lower Upper

53 100

52 82.3 66.6 100.0

51 37.2 30.3 45.5



#16

Acetone

Concen: 85.819 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010400.D

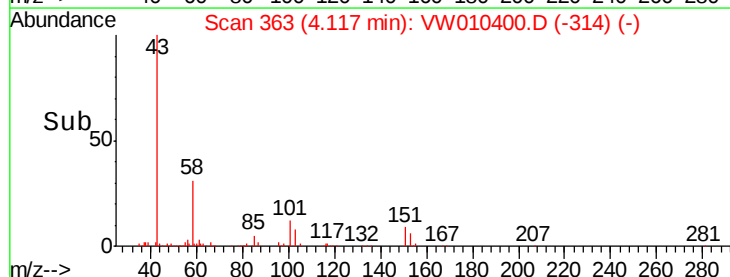
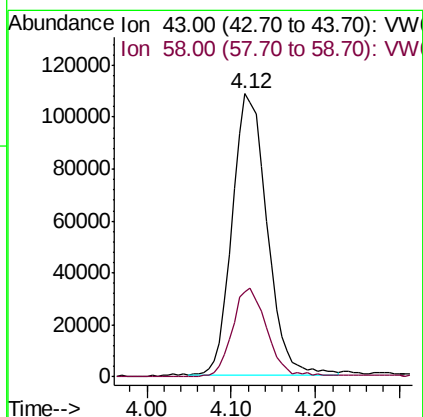
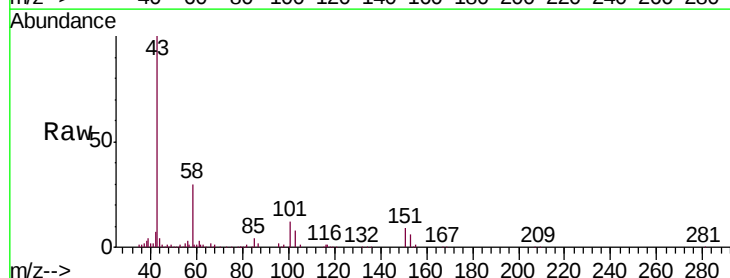
Acq: 12 May 2019 11:14

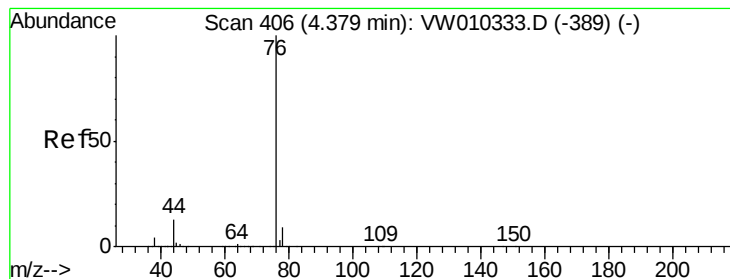
Tgt Ion: 43 Resp: 303528

Ion Ratio Lower Upper

43 100

58 29.9 22.7 34.1





#17

Carbon Disulfide

Concen: 20.214 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

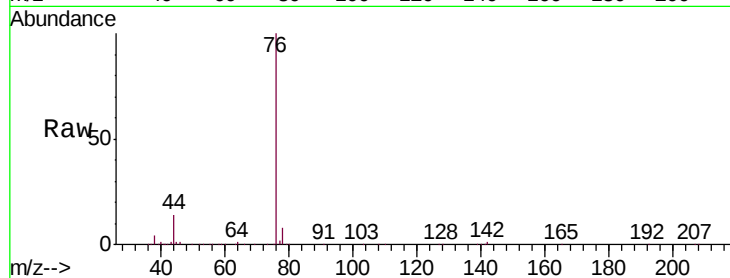
VW0512SBS01

Tgt Ion: 76 Resp: 850730

Ion Ratio Lower Upper

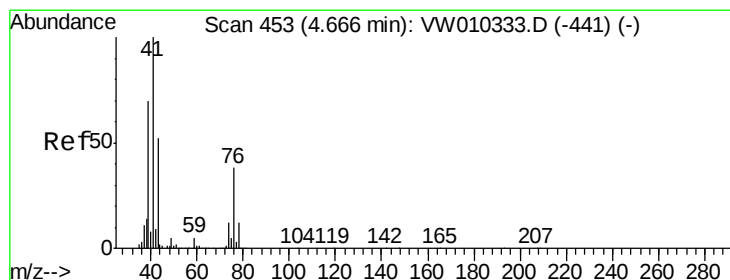
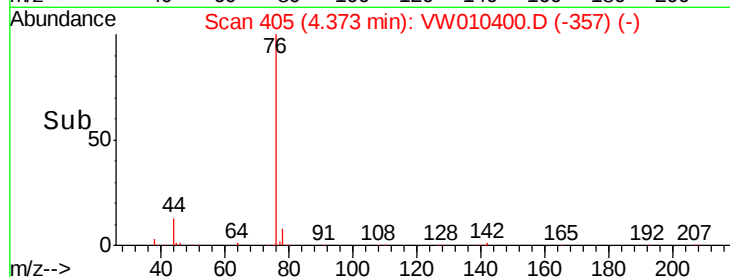
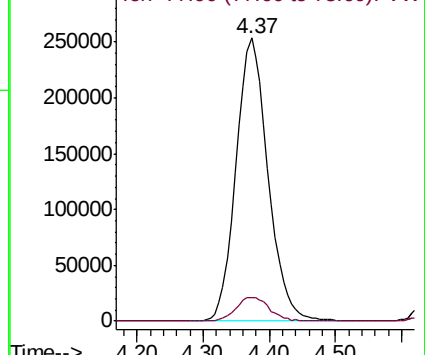
76 100

78 8.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.794 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010400.D

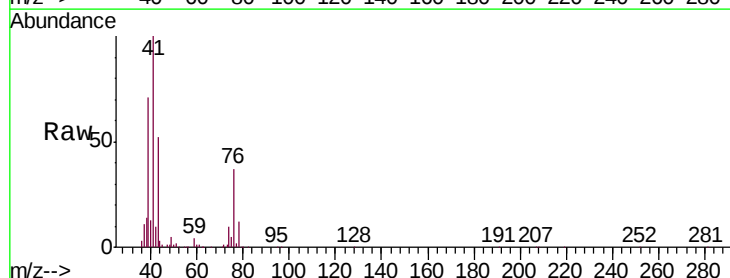
Acq: 12 May 2019 11:14

Tgt Ion: 43 Resp: 155880

Ion Ratio Lower Upper

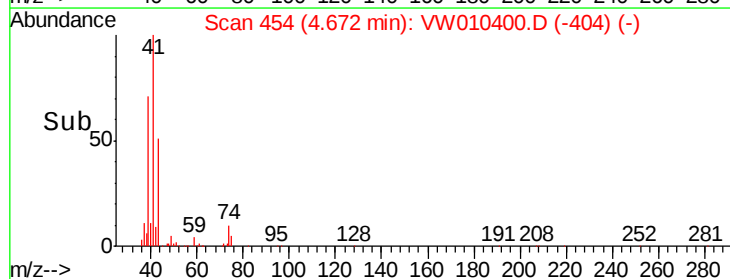
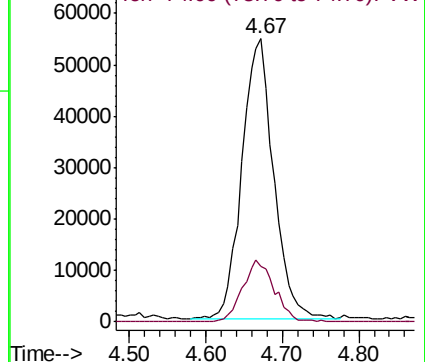
43 100

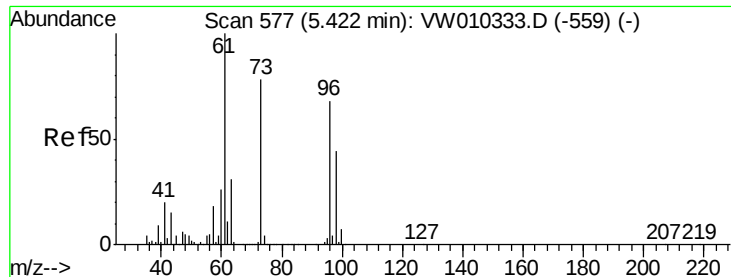
74 22.4 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

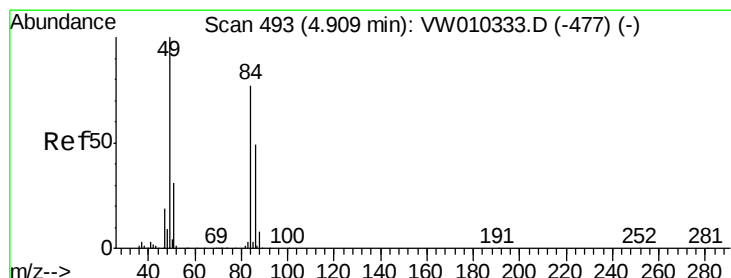
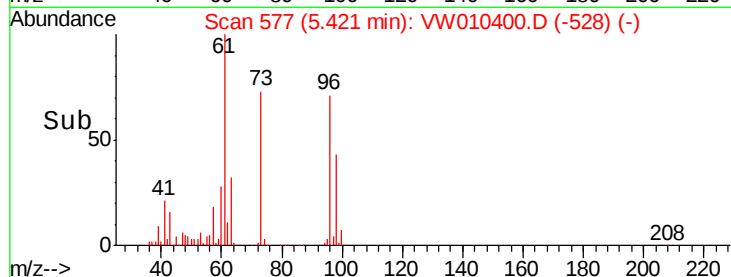
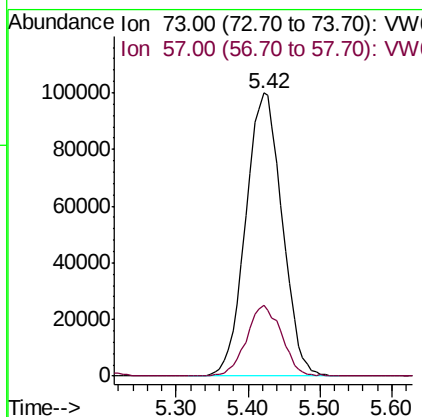
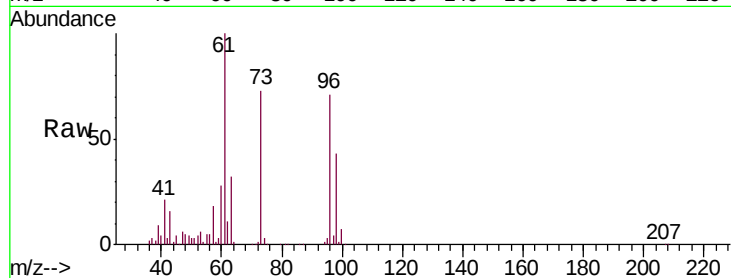




#19
Methyl tert-butyl Ether
Concen: 21.185 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

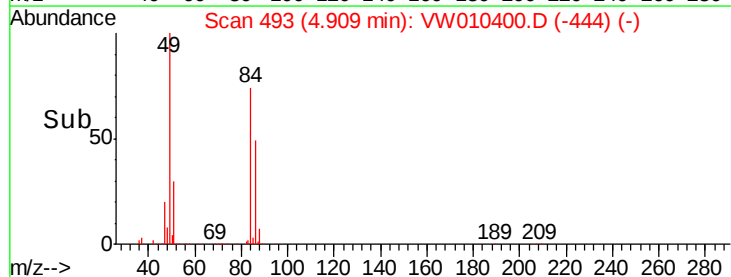
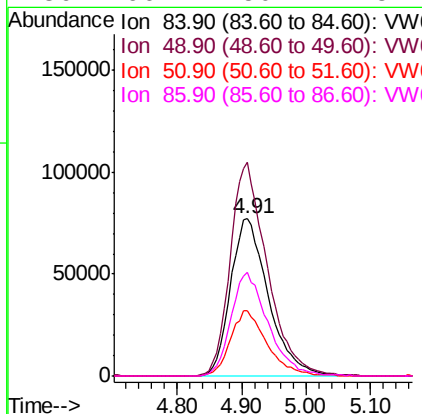
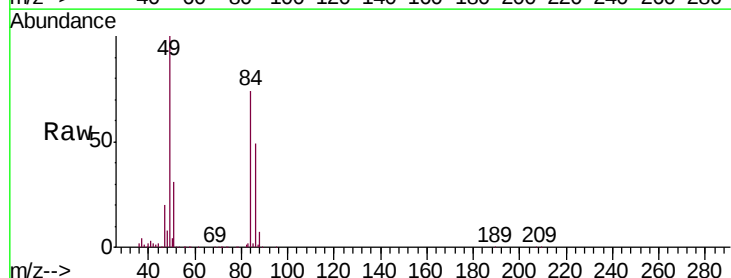
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

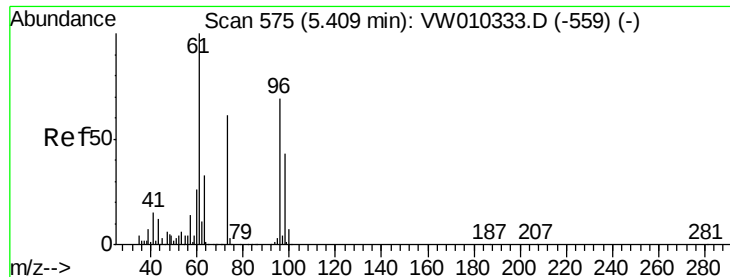
Tgt Ion: 73 Resp: 350940
Ion Ratio Lower Upper
73 100
57 25.1 18.5 27.7



#20
Methylene Chloride
Concen: 21.455 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 84 Resp: 316500
Ion Ratio Lower Upper
84 100
49 135.9 112.3 168.5
51 41.5 33.9 50.9
86 66.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.873 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

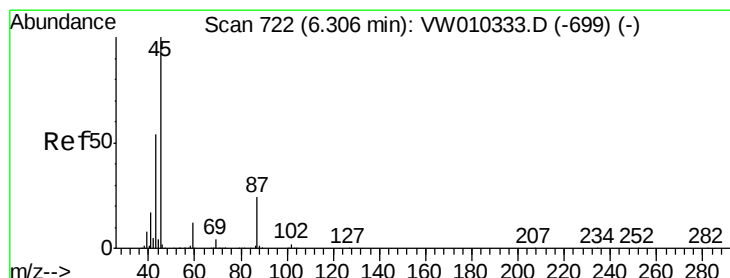
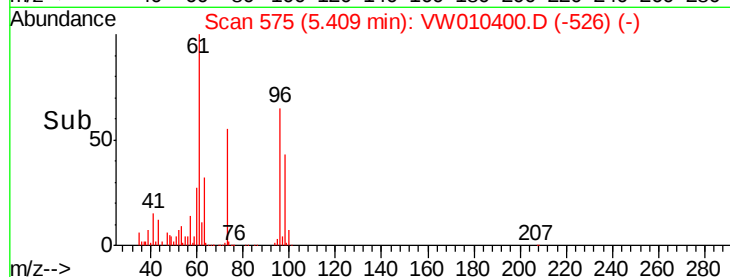
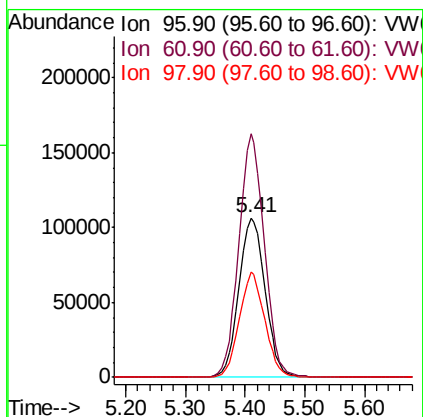
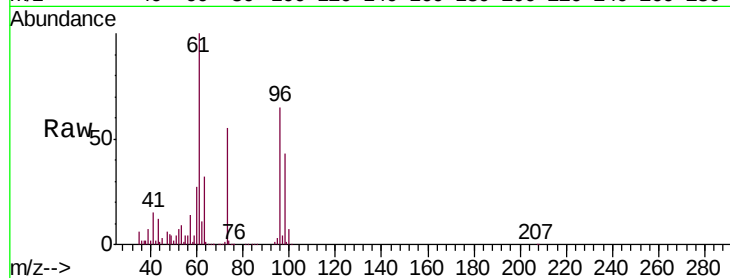
Tgt Ion: 96 Resp: 327628

Ion Ratio Lower Upper

96 100

61 152.7 122.3 183.5

98 65.8 50.5 75.7



#22

Diisopropyl ether

Concen: 24.196 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Tgt Ion: 45 Resp: 975408

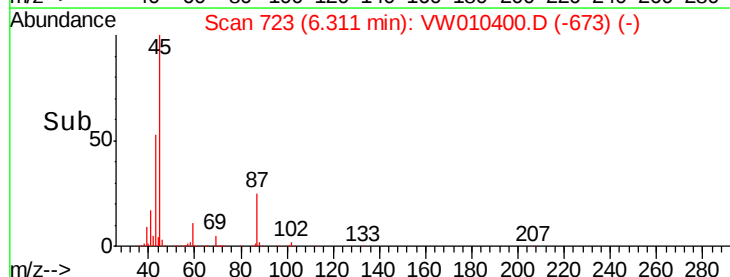
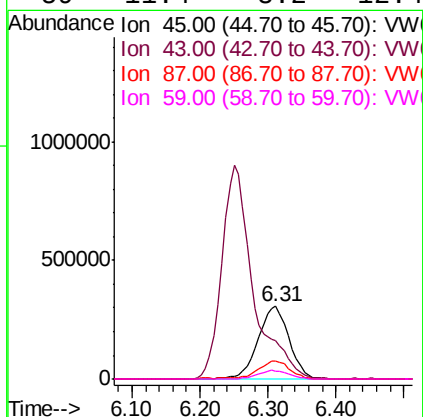
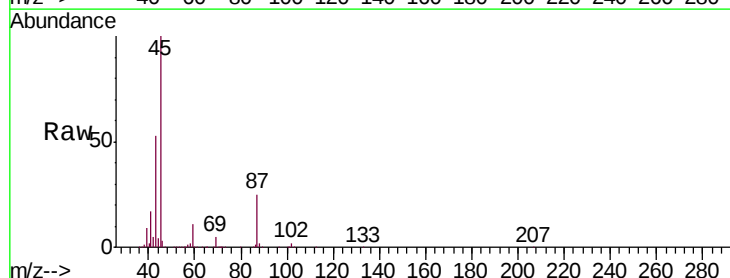
Ion Ratio Lower Upper

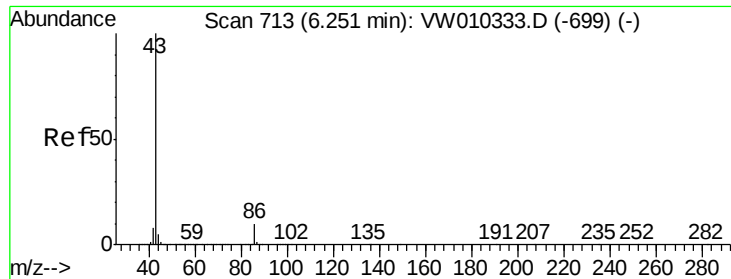
45 100

43 53.1 46.1 69.1

87 25.1 18.3 27.5

59 11.4 8.2 12.4

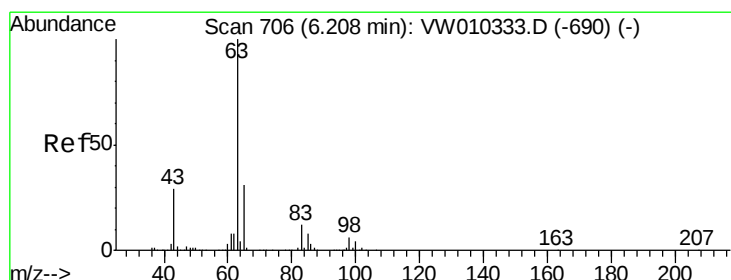
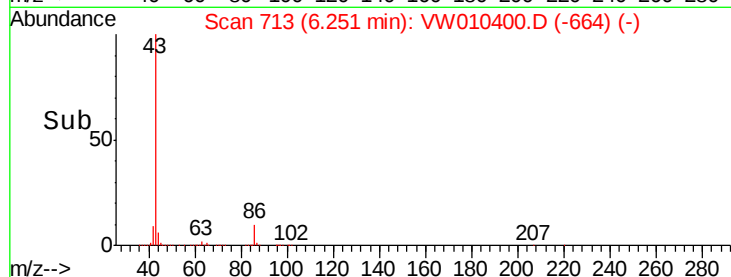
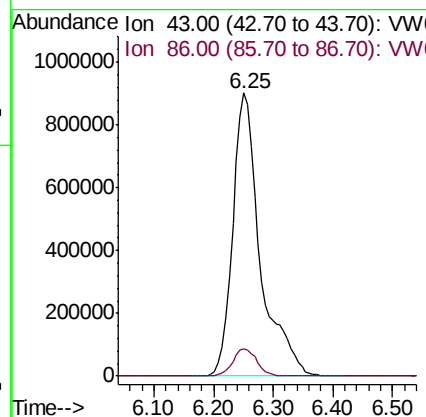
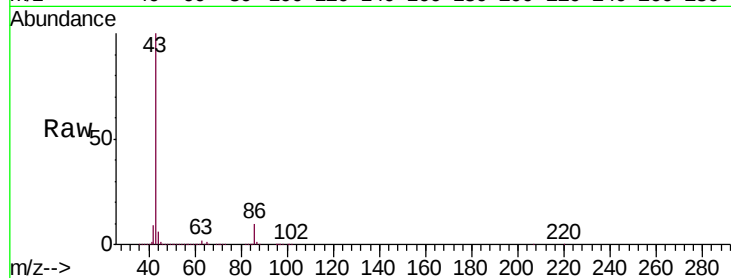




#23
 Vinyl Acetate
 Concen: 104.441 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

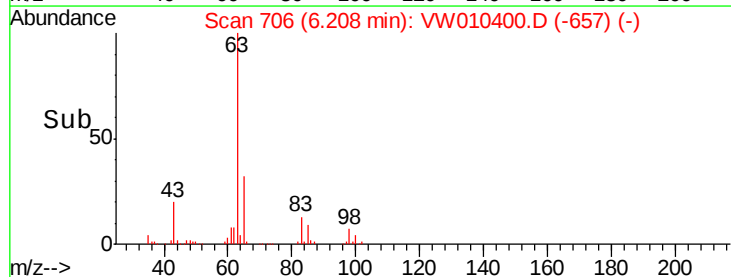
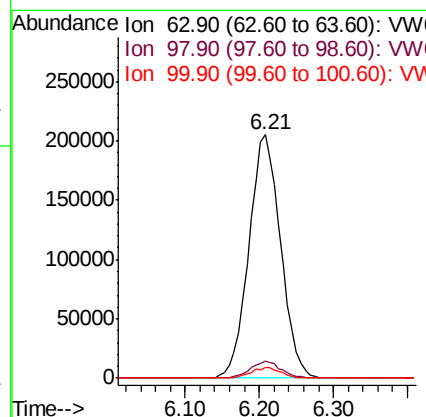
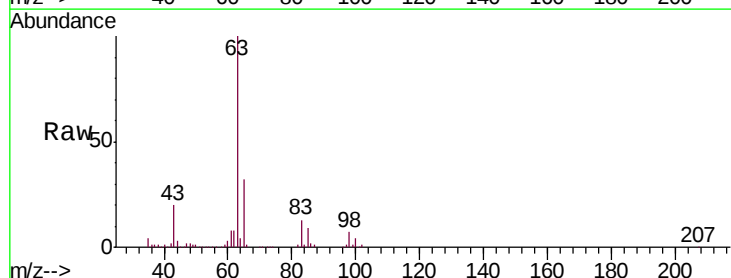
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

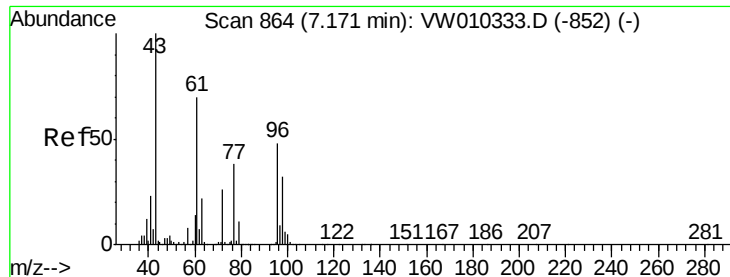
Tgt Ion: 43 Resp: 2891013
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 22.548 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion: 63 Resp: 611981
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 83.618 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

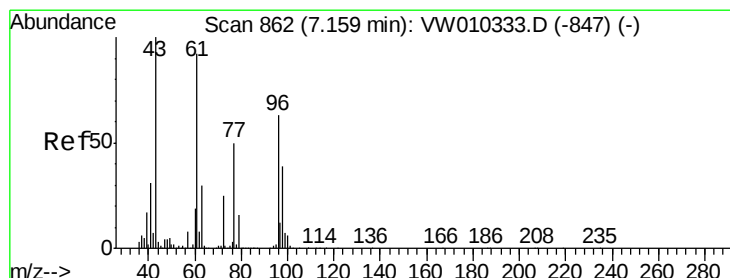
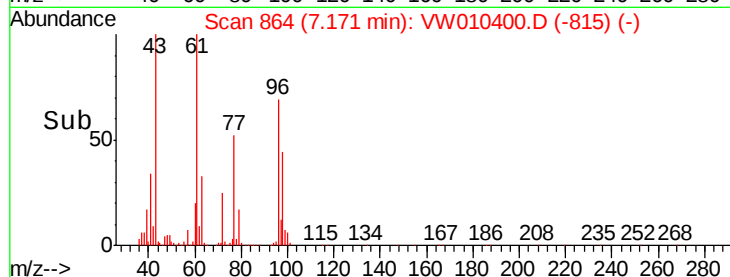
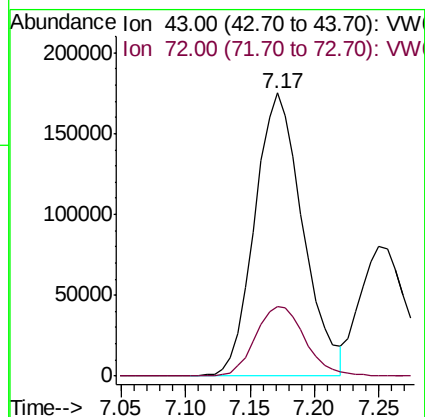
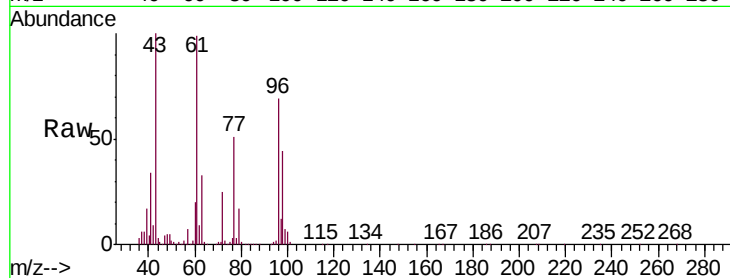
VW0512SBS01

Tgt Ion: 43 Resp: 452430

Ion Ratio Lower Upper

43 100

72 24.8 19.1 28.7



#26

2,2-Dichloropropane

Concen: 22.353 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010400.D

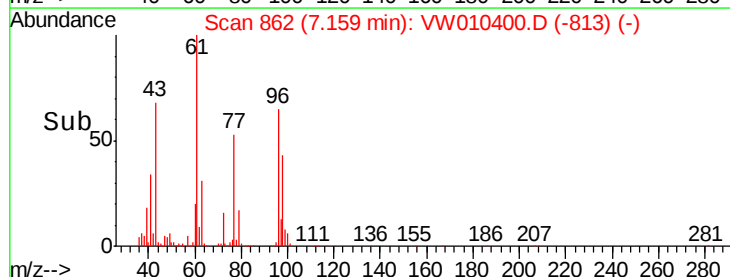
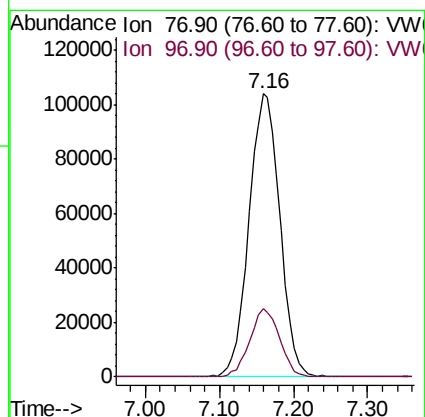
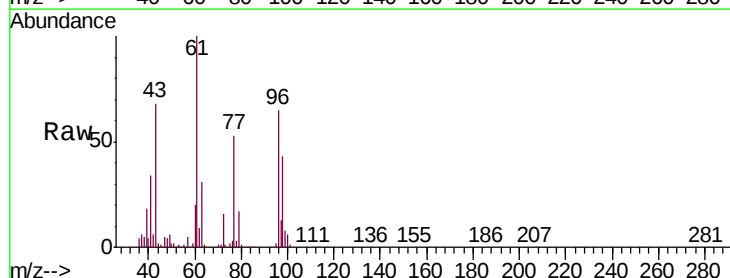
Acq: 12 May 2019 11:14

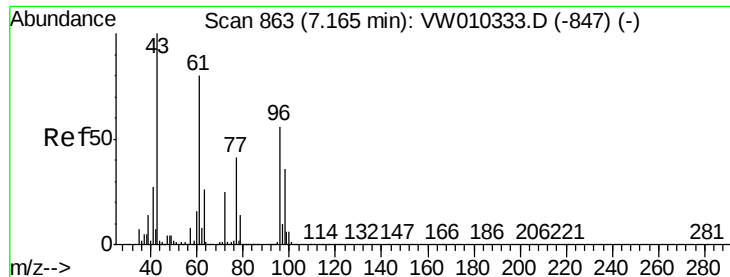
Tgt Ion: 77 Resp: 301855

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



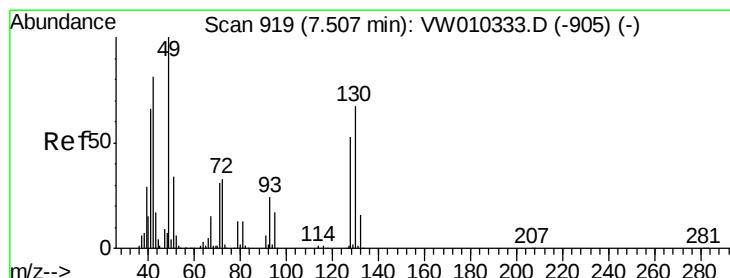
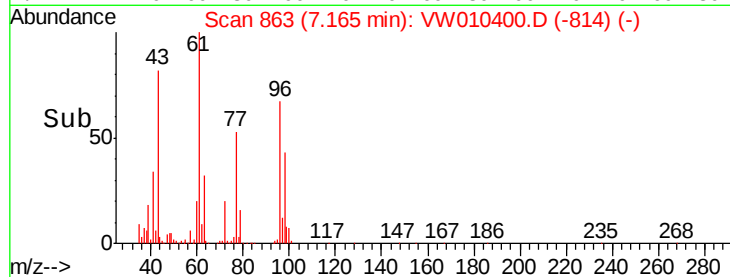
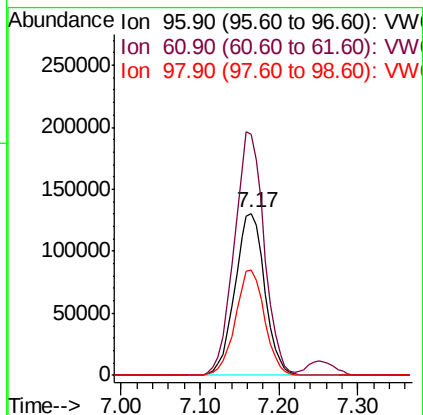
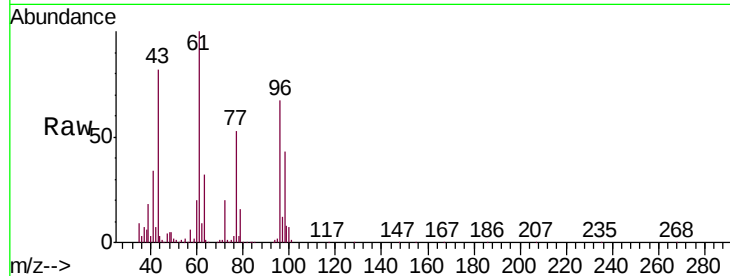


#27

cis-1,2-Dichloroethene
 Concen: 22.292 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

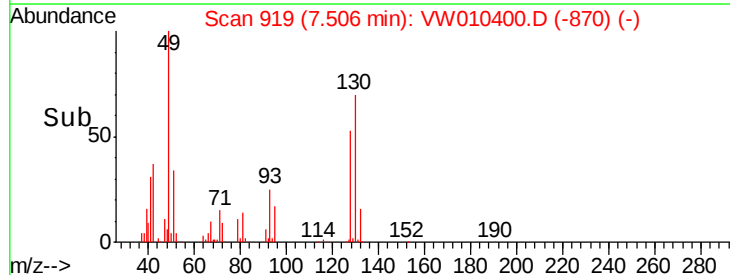
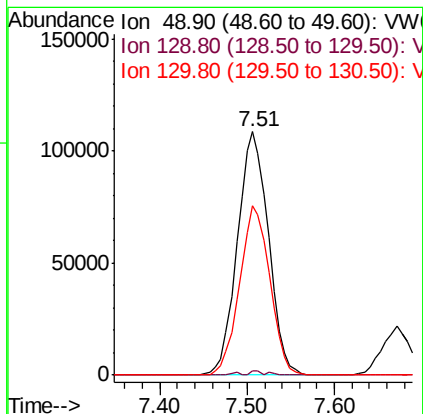
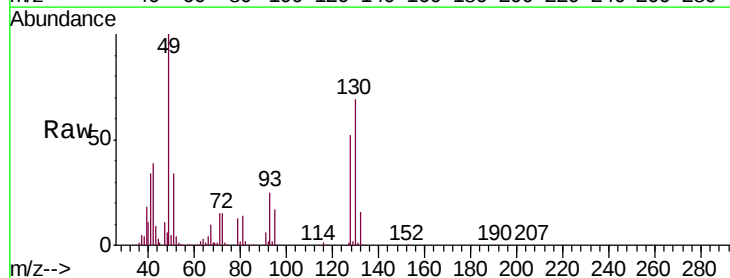
Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	309.4
98	63.8	0.0	128.6

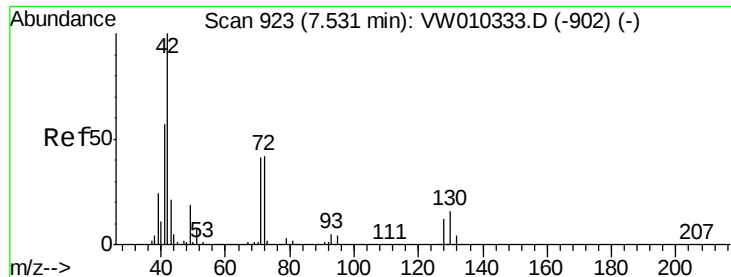


#28

Bromochloromethane
 Concen: 26.786 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	67.8	54.6	82.0

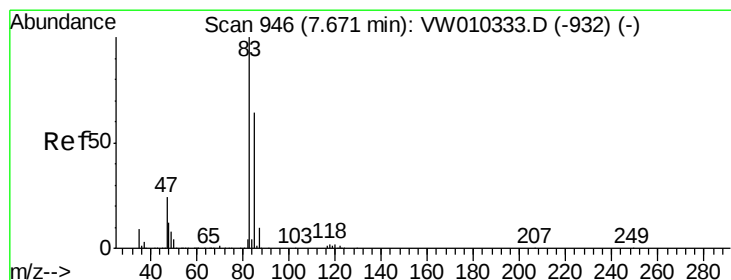
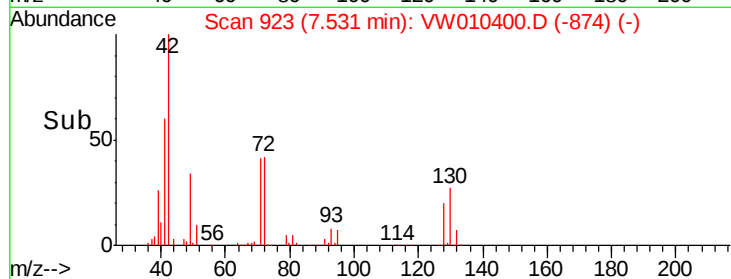
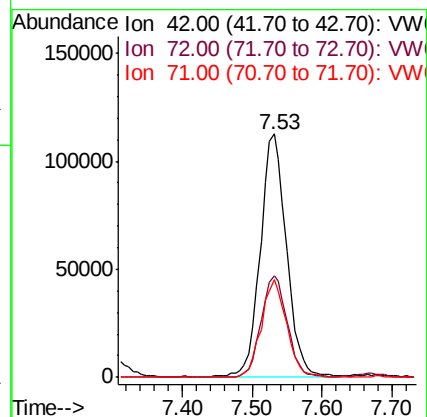
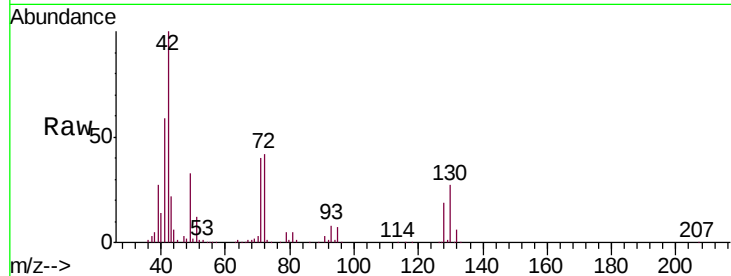




#29
Tetrahydrofuran
Concen: 82.895 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

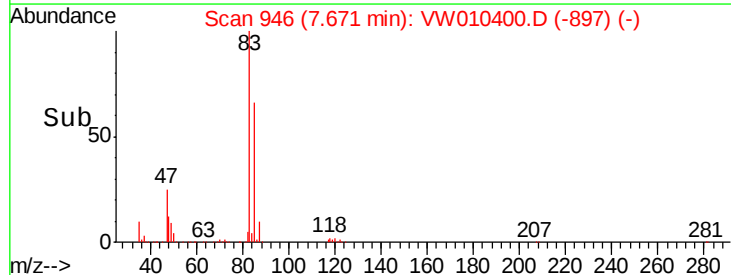
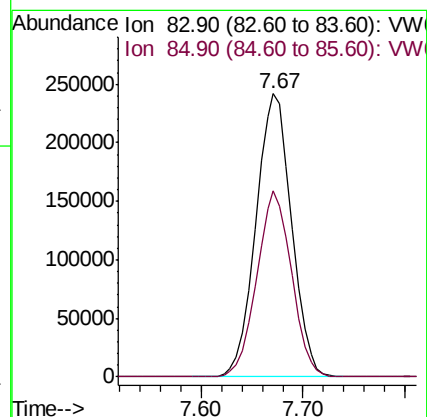
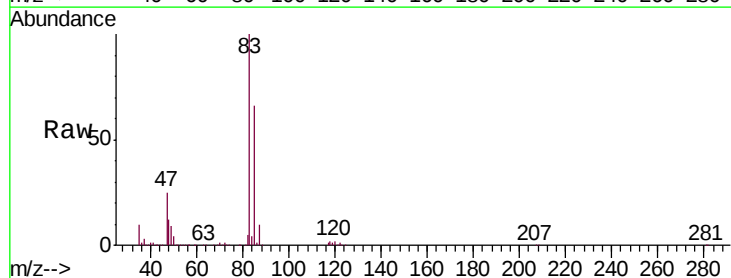
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

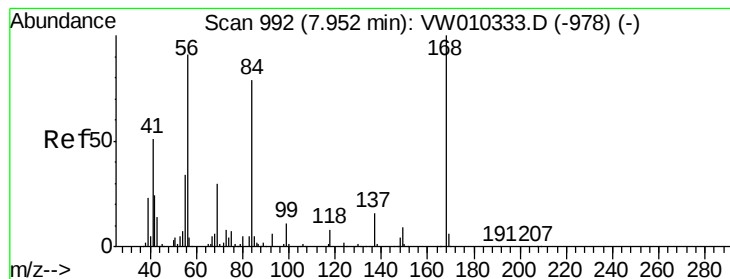
Tgt Ion: 42 Resp: 290102
Ion Ratio Lower Upper
42 100
72 42.0 31.0 46.6
71 39.5 29.7 44.5



#30
Chloroform
Concen: 23.071 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 83 Resp: 586016
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1





#31

Cyclohexane

Concen: 21.457 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampled :

VW0512SBS01

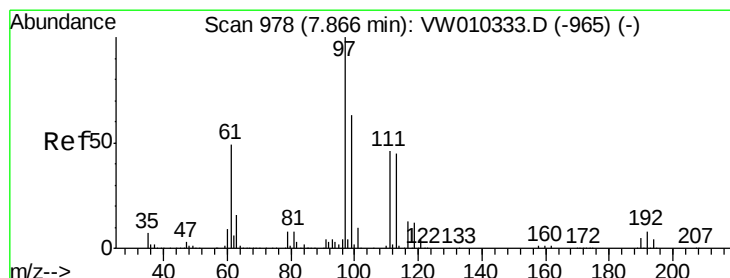
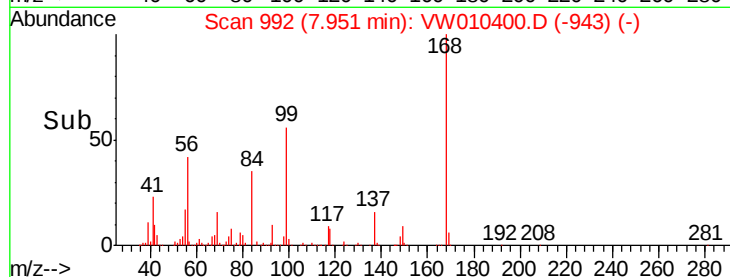
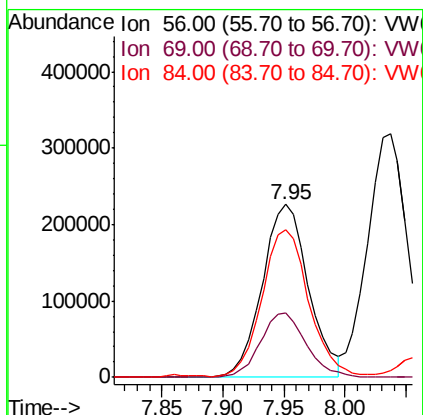
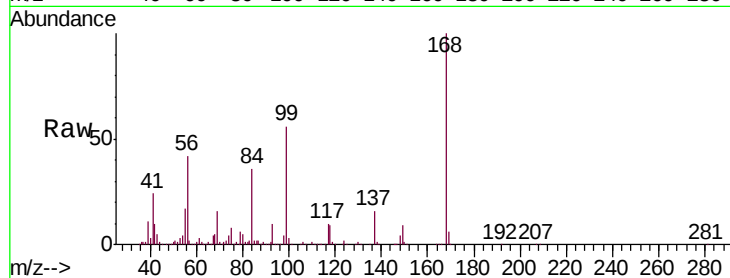
Tgt Ion: 56 Resp: 596301

Ion Ratio Lower Upper

56 100

69 37.0 26.6 40.0

84 84.2 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 22.500 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

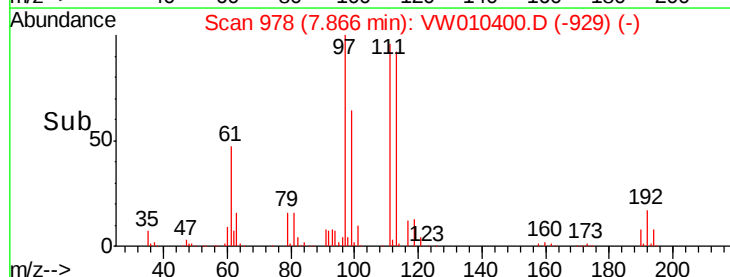
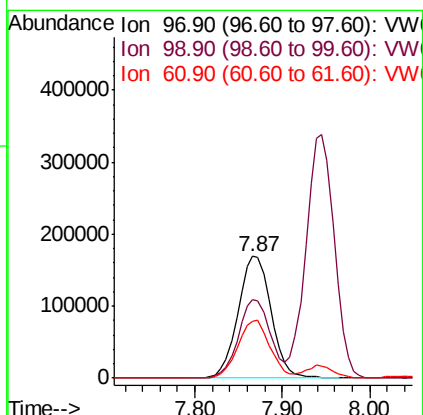
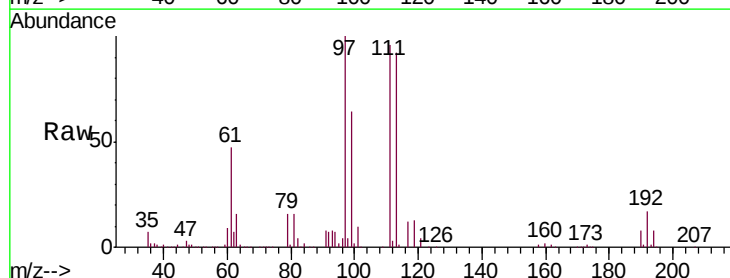
Tgt Ion: 97 Resp: 442684

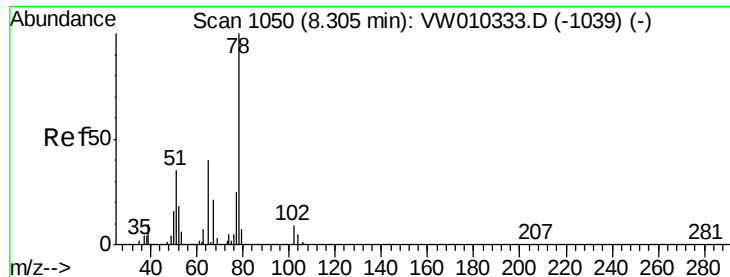
Ion Ratio Lower Upper

97 100

99 62.8 50.2 75.2

61 46.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 47.183 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

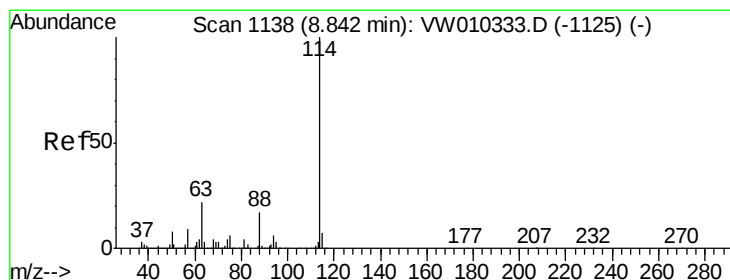
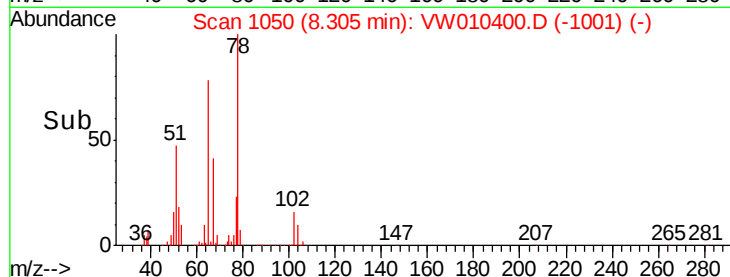
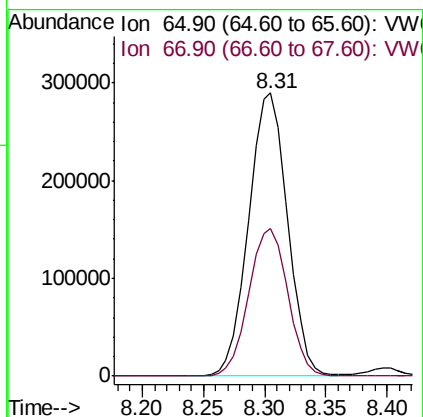
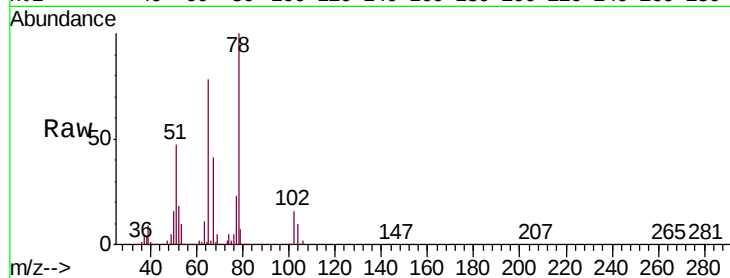
VW0512SBS01

Tgt Ion: 65 Resp: 640137

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

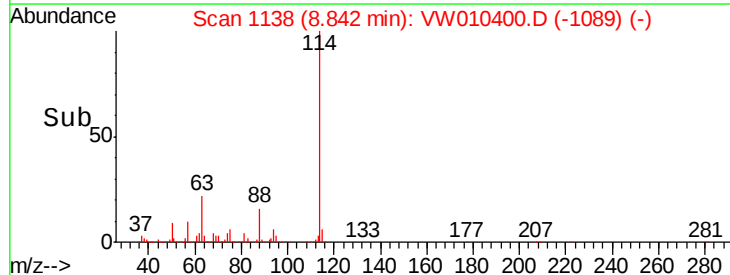
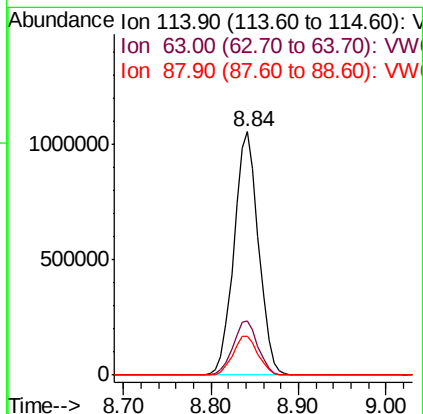
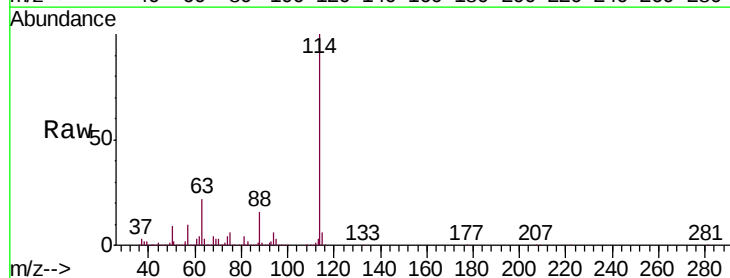
Tgt Ion: 114 Resp: 2052838

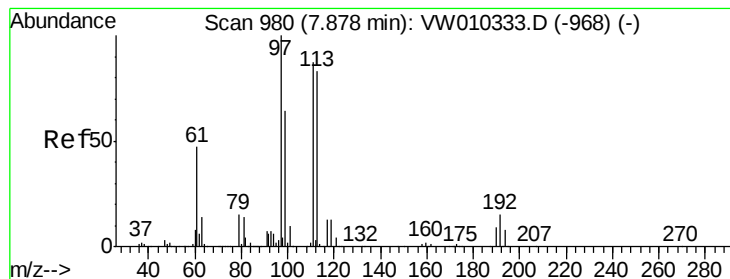
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.519 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

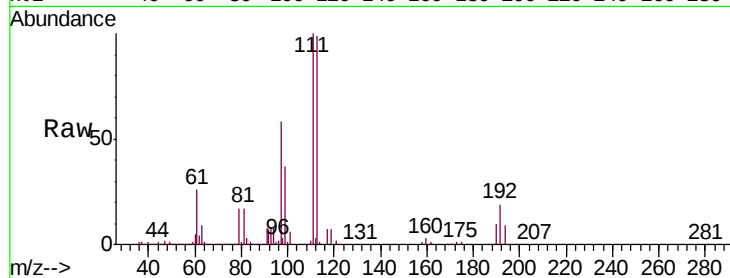
Tgt Ion:113 Resp: 570842

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

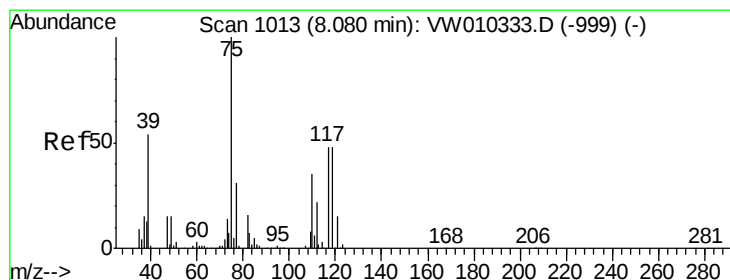
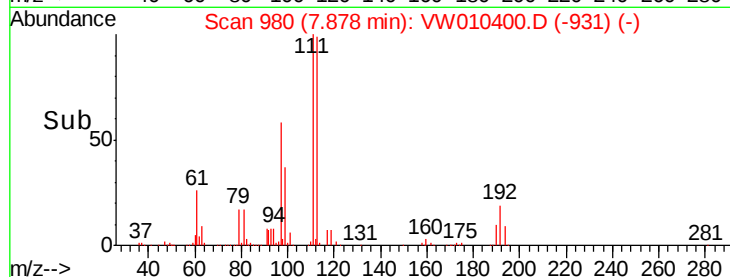
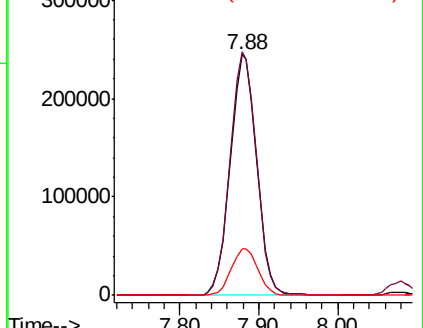
192 19.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.982 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

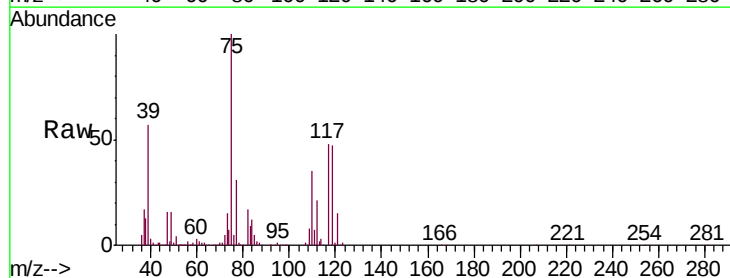
Tgt Ion: 75 Resp: 489291

Ion Ratio Lower Upper

75 100

110 32.7 16.6 49.8

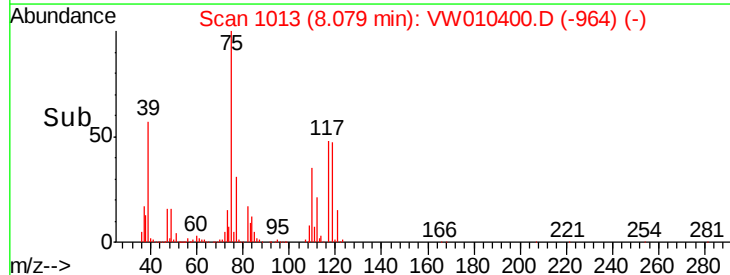
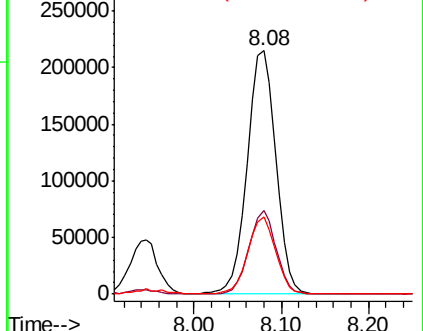
77 30.9 24.8 37.2

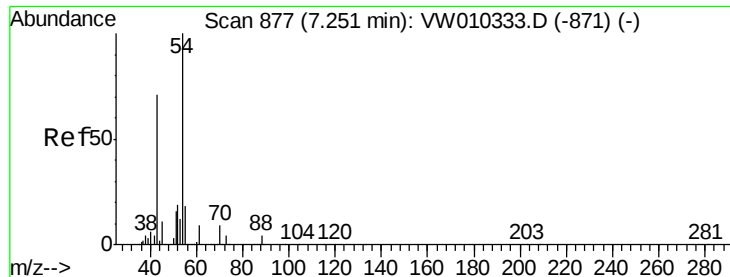


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

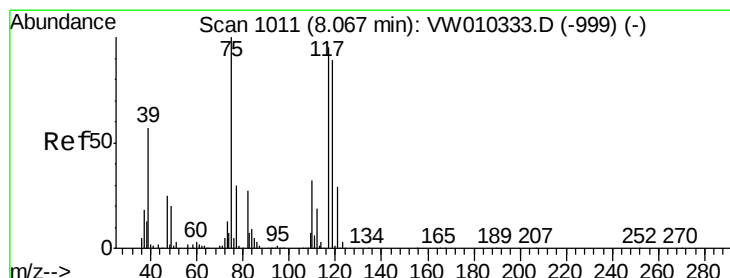
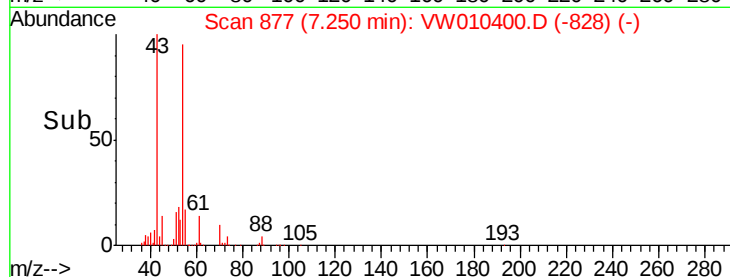
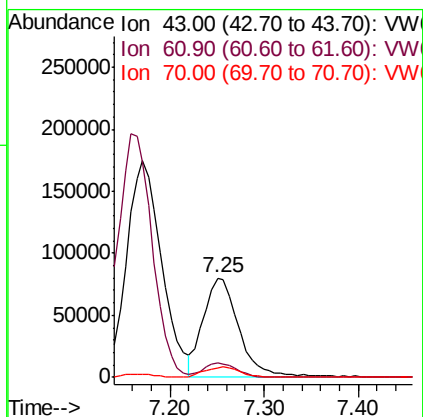
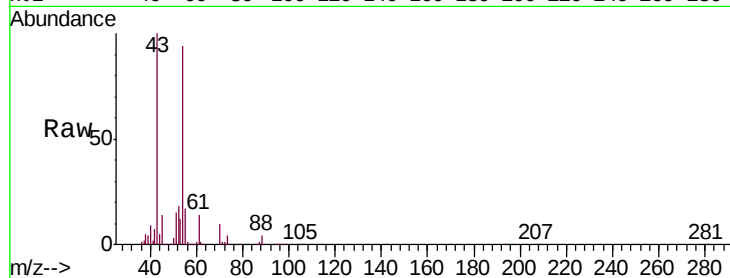




#37
Ethyl Acetate
Concen: 17.411 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

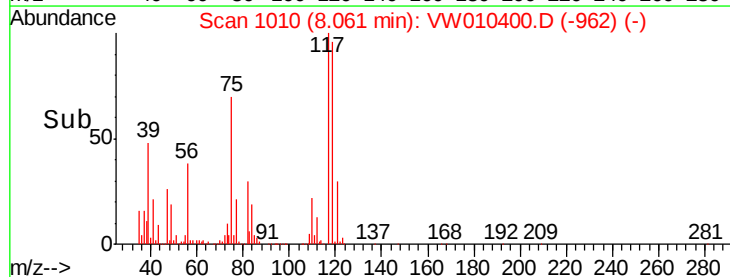
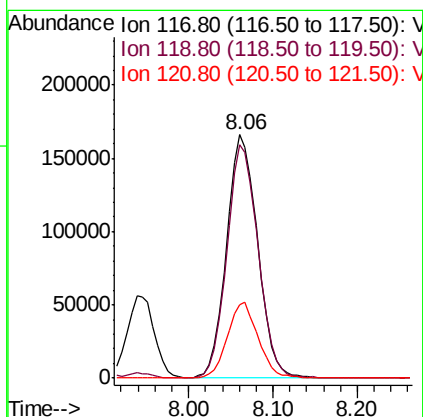
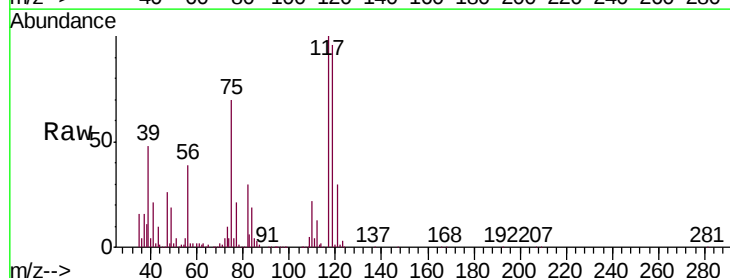
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

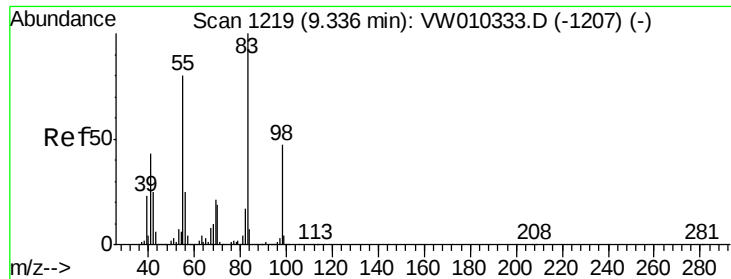
Tgt Ion: 43 Resp: 206345
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 10.0 7.4 11.0



#38
Carbon Tetrachloride
Concen: 21.824 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 117 Resp: 416413
Ion Ratio Lower Upper
117 100
119 95.5 75.3 112.9
121 29.9 24.4 36.6

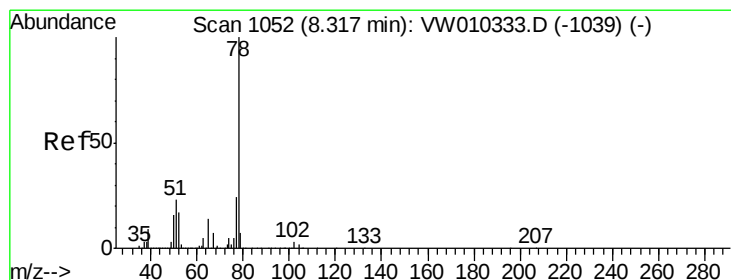
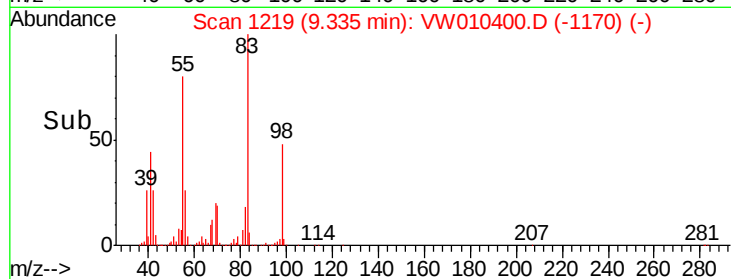
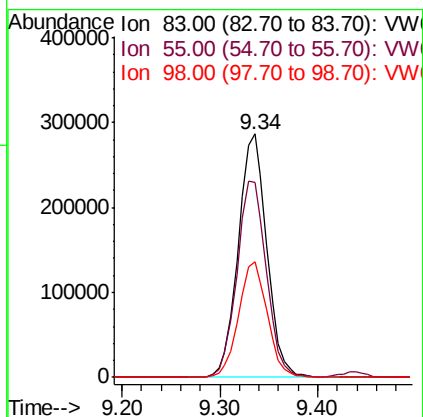
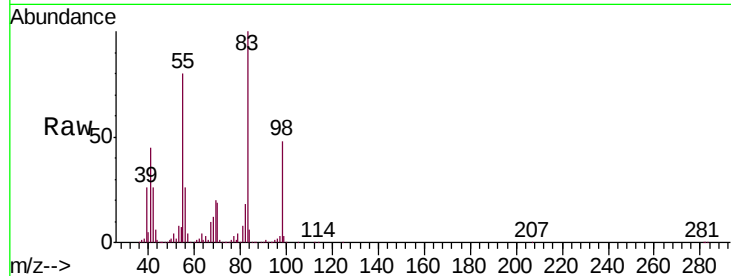




#39
Methylcyclohexane
Concen: 21.314 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

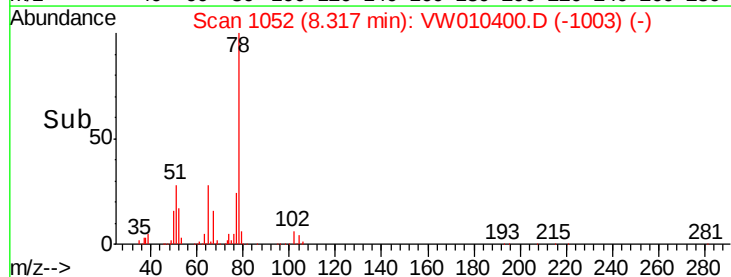
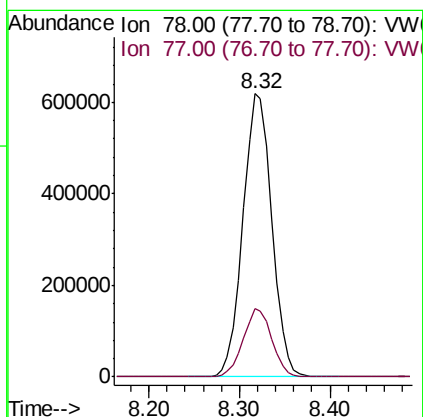
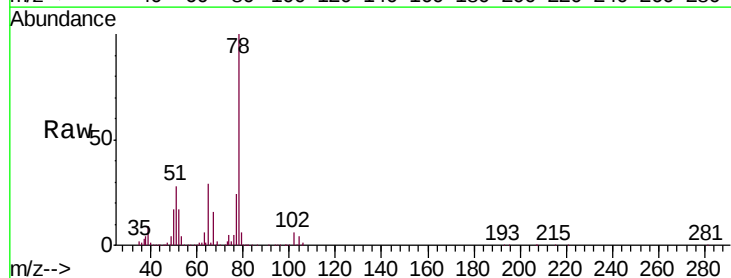
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

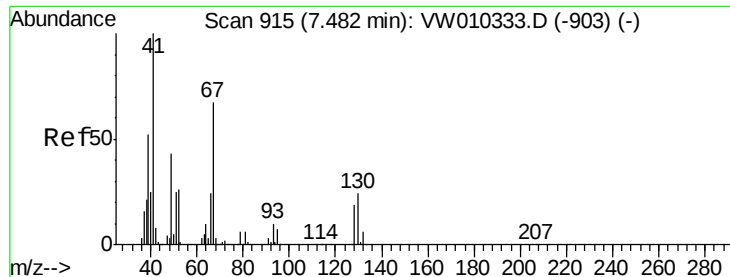
Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.1	67.1	100.7
98	47.7	39.2	58.8



#40
Benzene
Concen: 22.340 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7

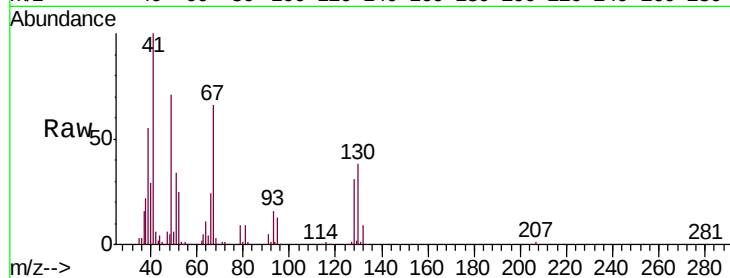




#41
Methacrylonitrile
Concen: 17.250 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

Tgt Ion:	41	Resp:	114647
Ion	Ratio	Lower	Upper
41	100		
39	60.3	45.0	67.4
67	70.7	50.7	76.1
52	28.5	22.6	33.8



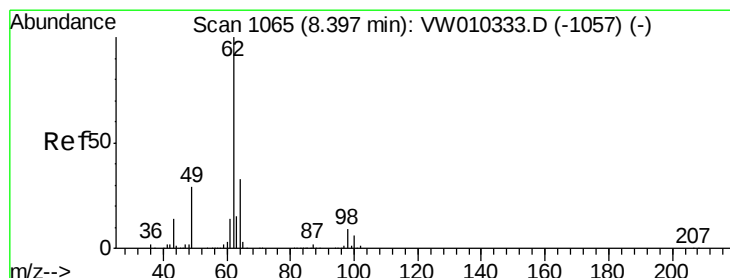
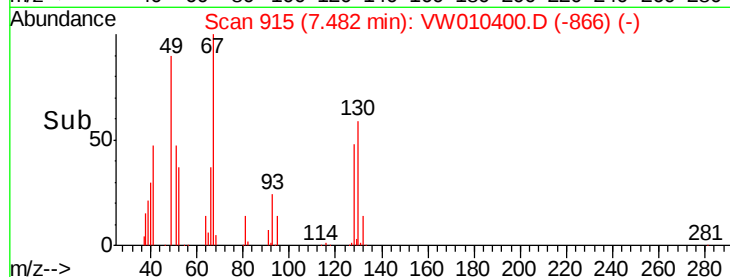
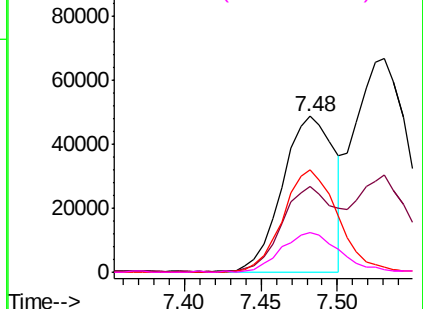
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

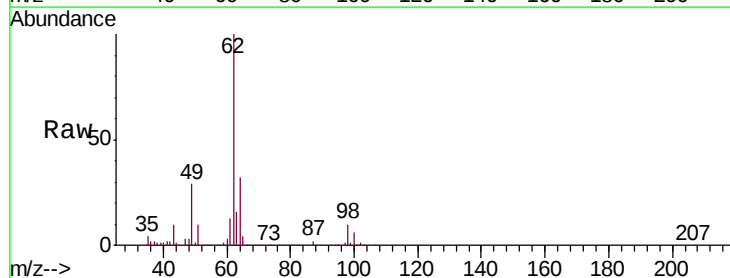
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 22.532 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

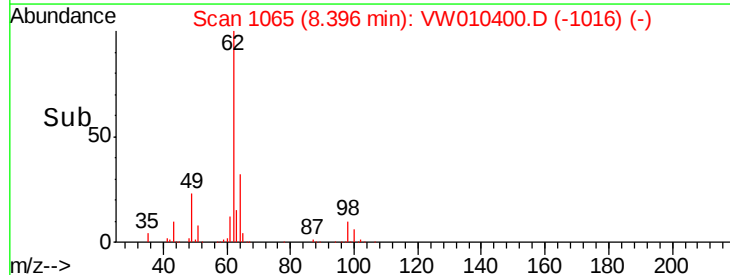
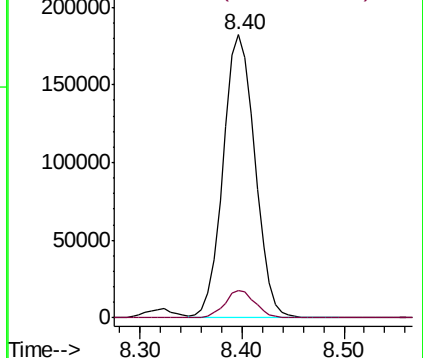
Tgt Ion:	62	Resp:	393149
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.6

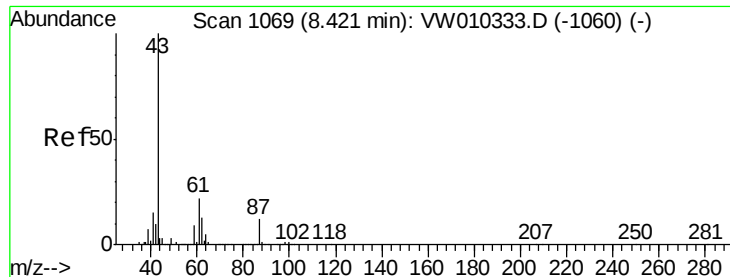


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.606 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

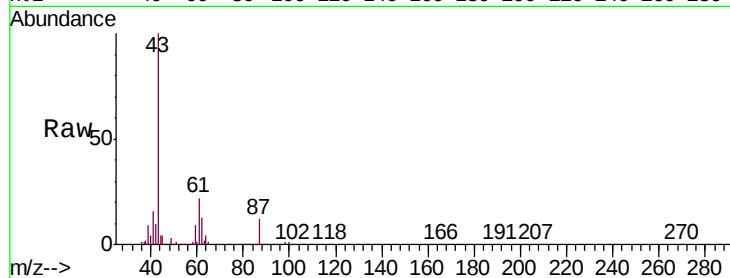
Tgt Ion: 43 Resp: 365690

Ion Ratio Lower Upper

43 100

61 30.8 23.0 34.6

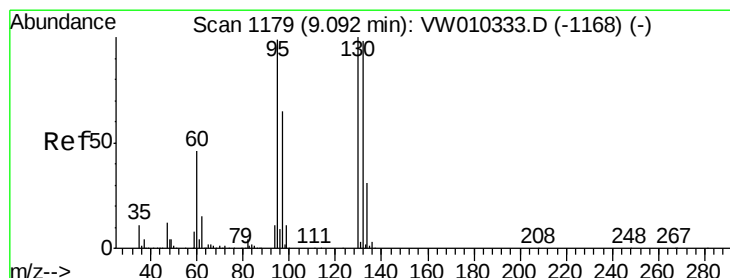
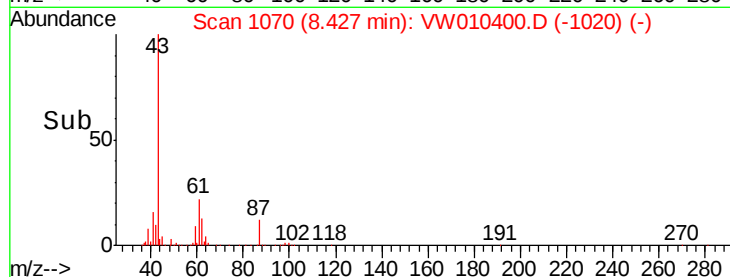
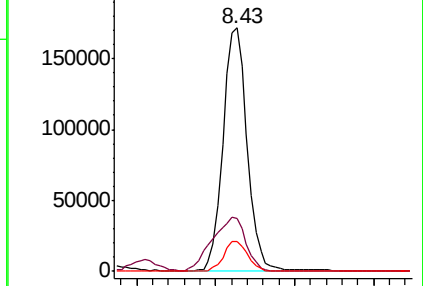
87 12.3 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.774 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010400.D

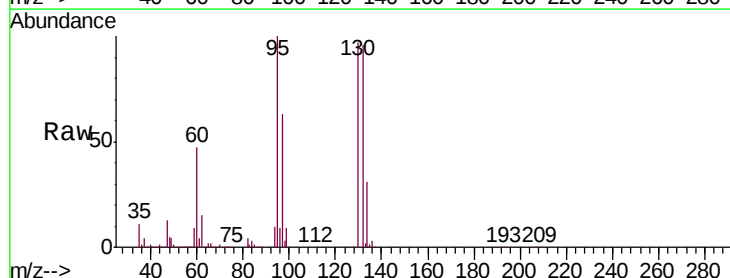
Acq: 12 May 2019 11:14

Tgt Ion: 130 Resp: 332286

Ion Ratio Lower Upper

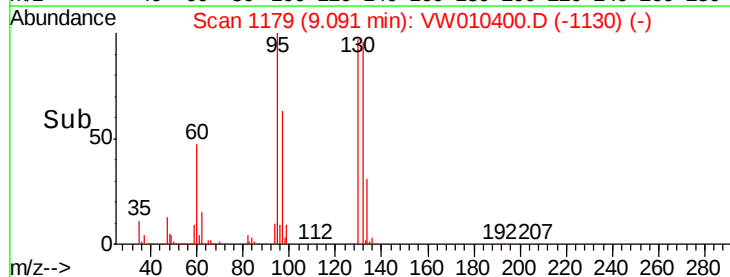
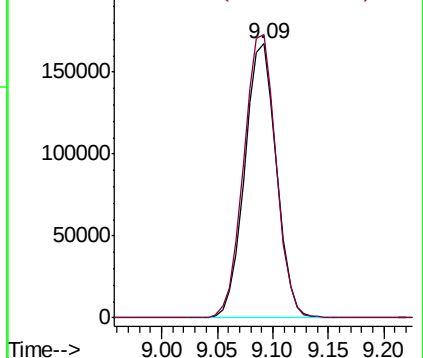
130 100

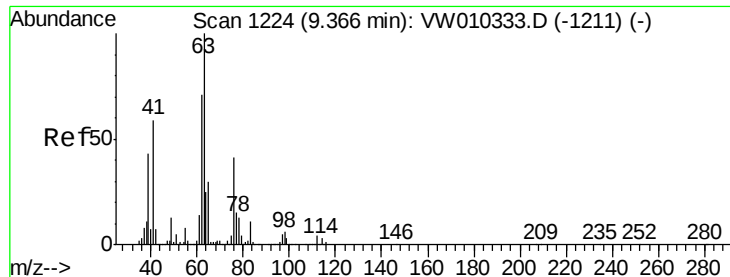
95 103.2 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

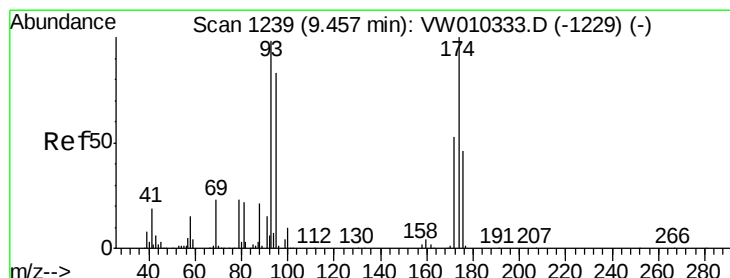
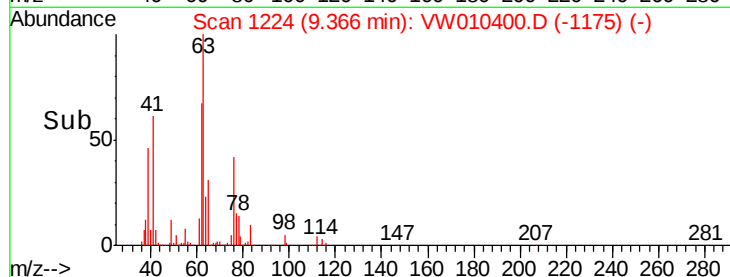
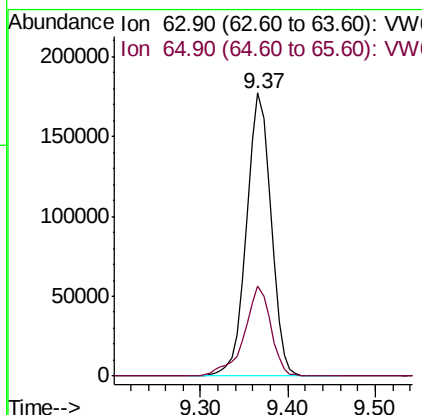
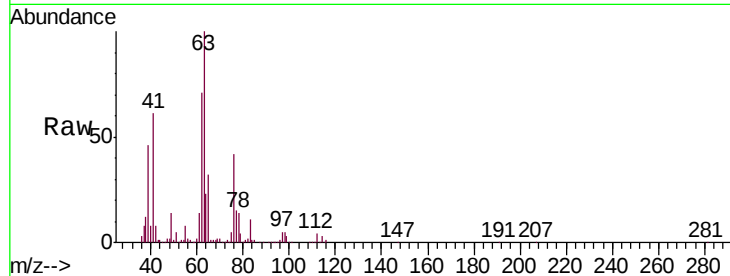




#45
 1,2-Dichloropropane
 Concen: 22.826 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

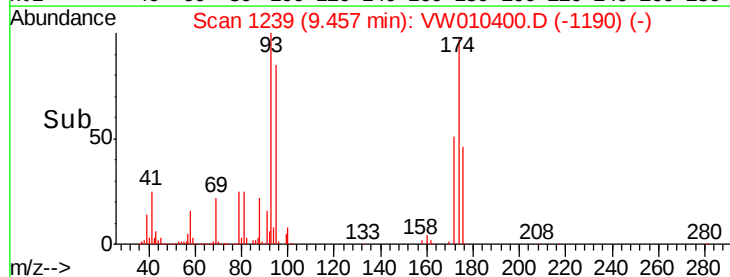
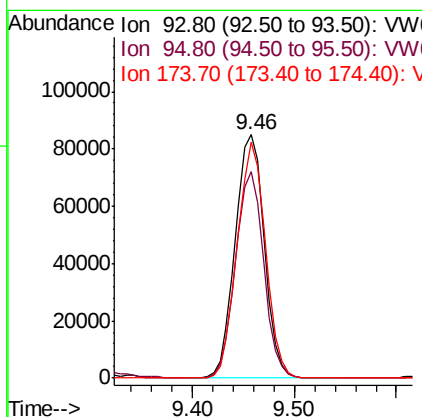
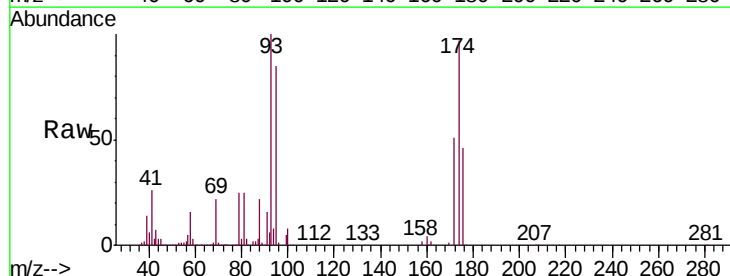
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

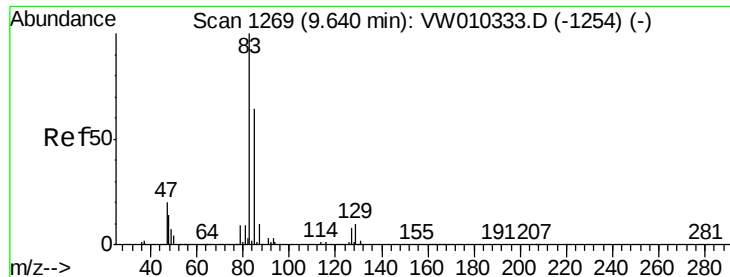
Tgt Ion: 63 Resp: 345863
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.8 35.6



#46
 Dibromomethane
 Concen: 21.444 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion: 93 Resp: 167862
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 94.3 75.5 113.3





#47

Bromodichloromethane

Concen: 22.705 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

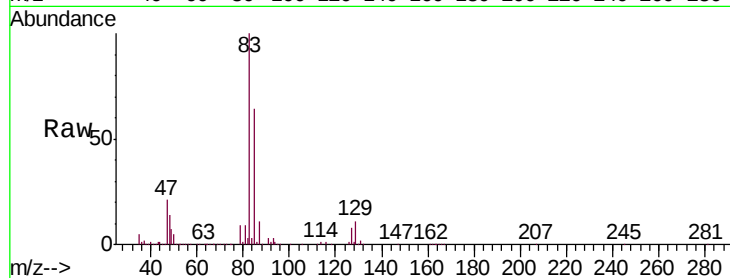
Tgt Ion: 83 Resp: 426326

Ion Ratio Lower Upper

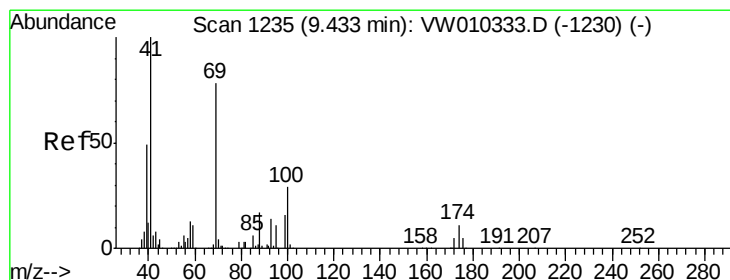
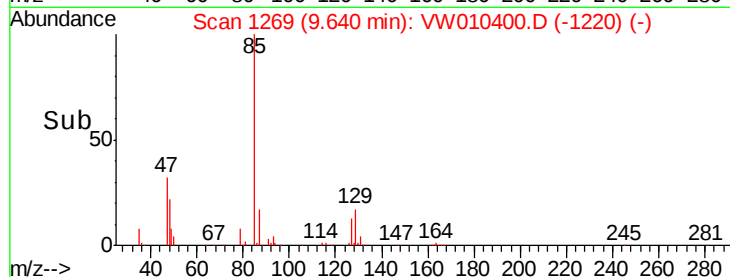
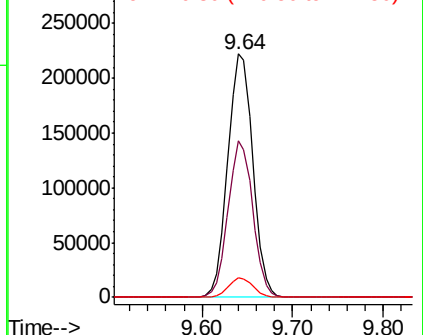
83 100

85 64.4 50.6 75.8

127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.460 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

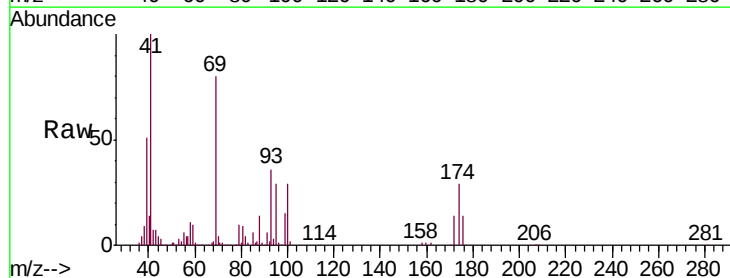
Tgt Ion: 41 Resp: 171557

Ion Ratio Lower Upper

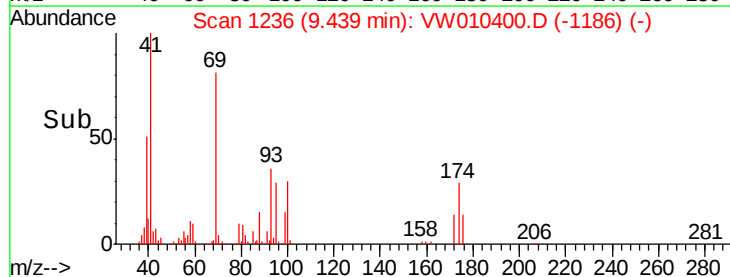
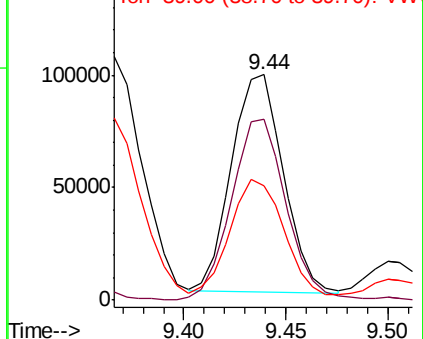
41 100

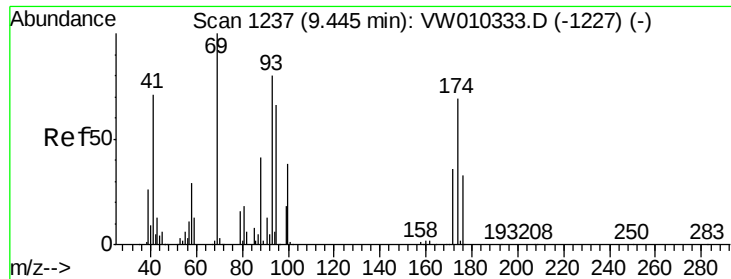
69 86.8 60.1 90.1

39 54.2 51.0 76.6



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

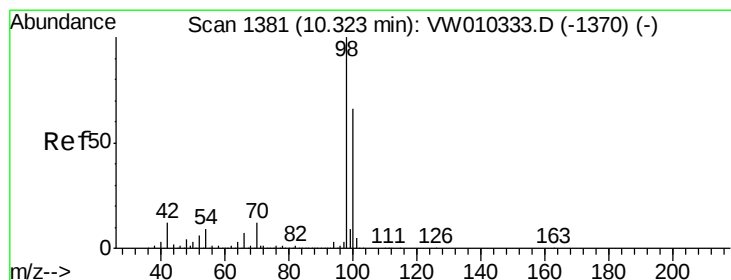
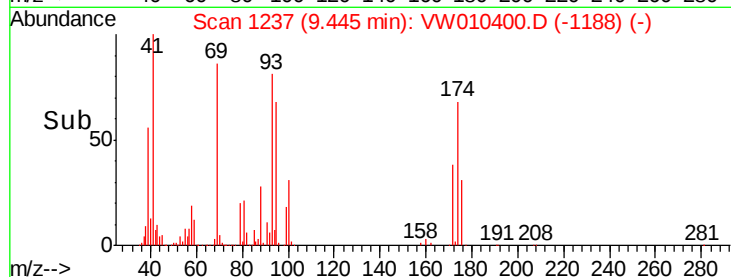
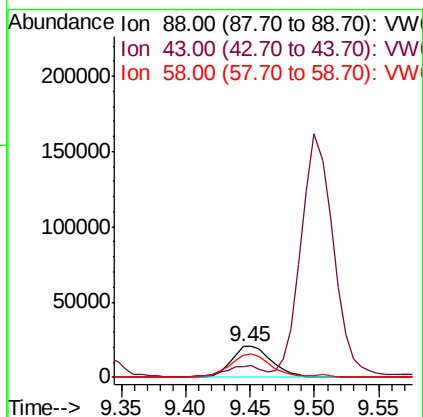
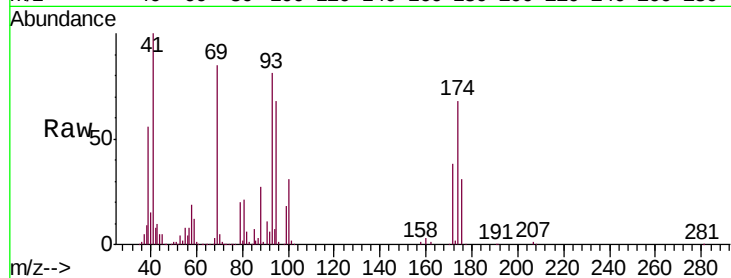




#49
1,4-Dioxane
Concen: 328.114 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

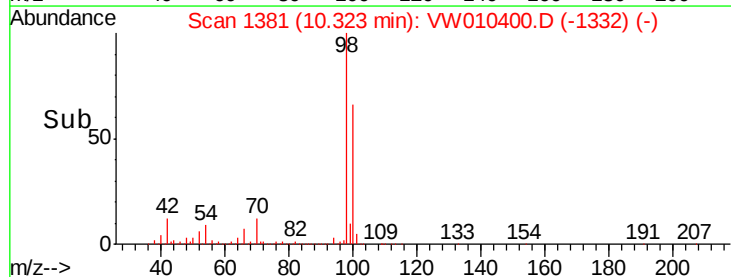
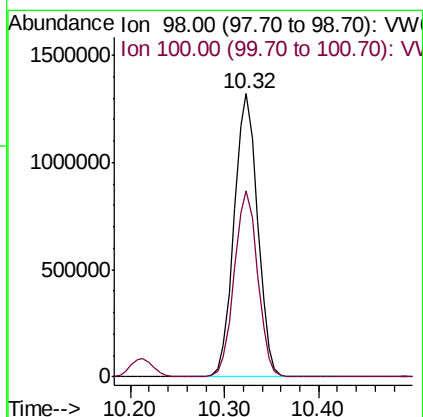
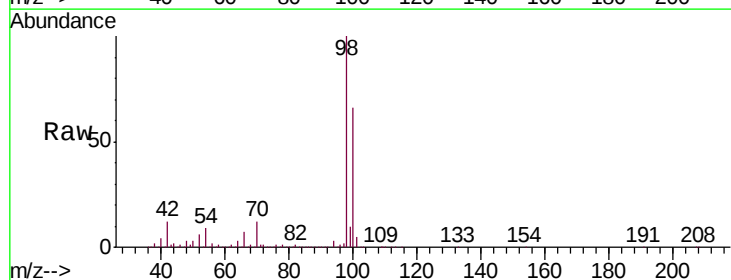
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

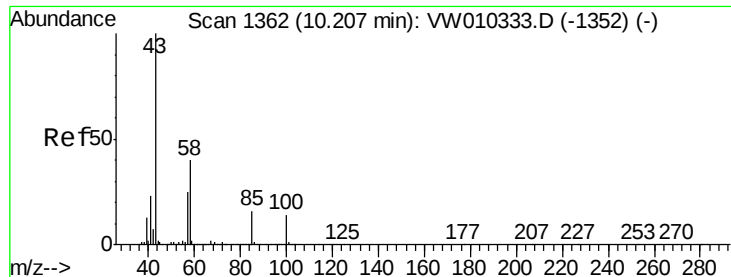
Tgt Ion: 88 Resp: 44791
Ion Ratio Lower Upper
88 100
43 33.6 31.9 47.9
58 76.0 61.8 92.6



#50
Toluene-d8
Concen: 46.679 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 98 Resp: 2283414
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

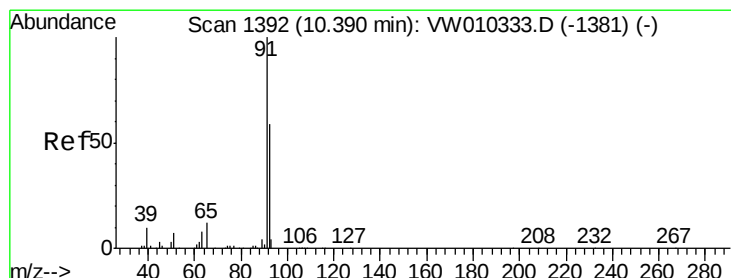
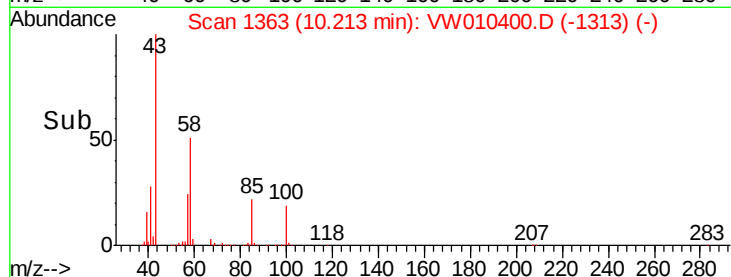
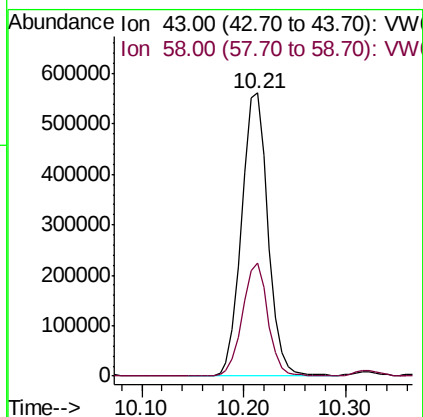
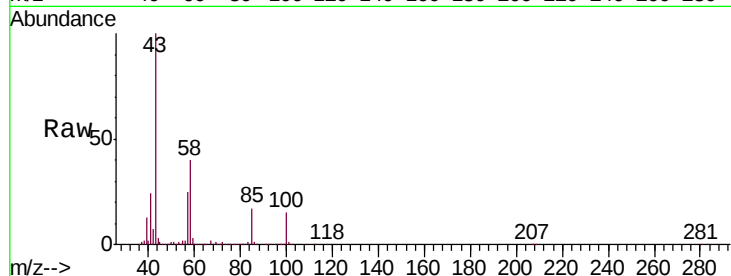




#51
 4-Methyl-2-Pentanone
 Concen: 89.724 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

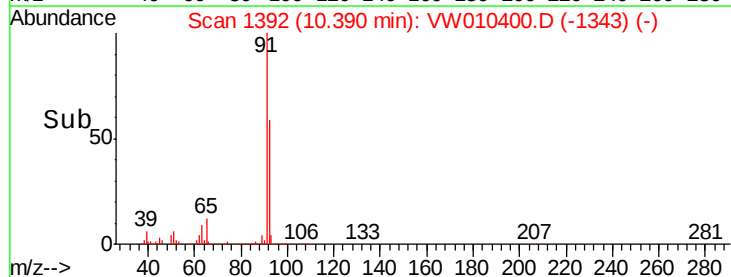
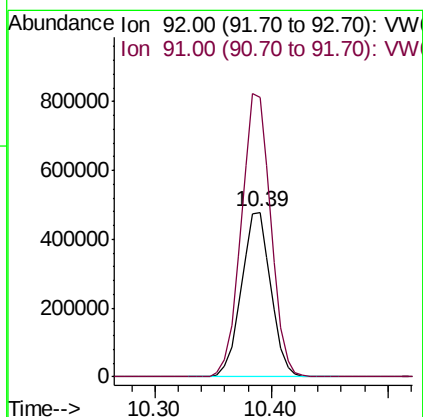
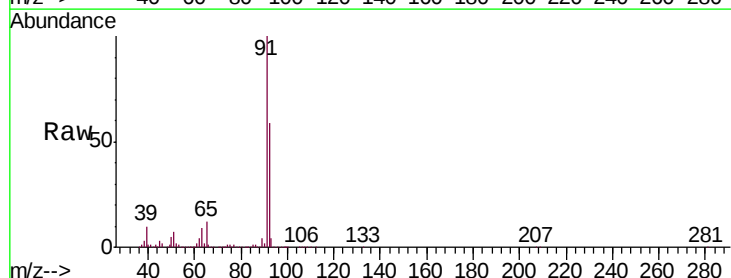
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

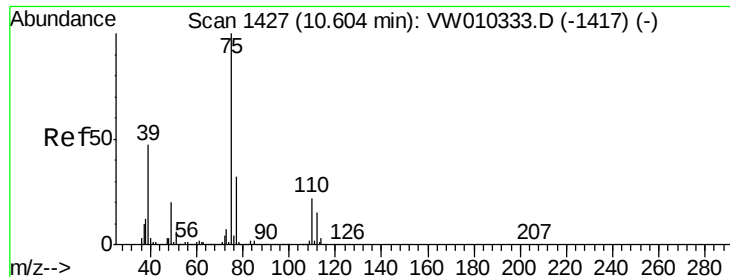
Tgt Ion: 43 Resp: 1011213
 Ion Ratio Lower Upper
 43 100
 58 38.6 28.9 43.3



#52
 Toluene
 Concen: 22.593 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion: 92 Resp: 841795
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.583 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampled :

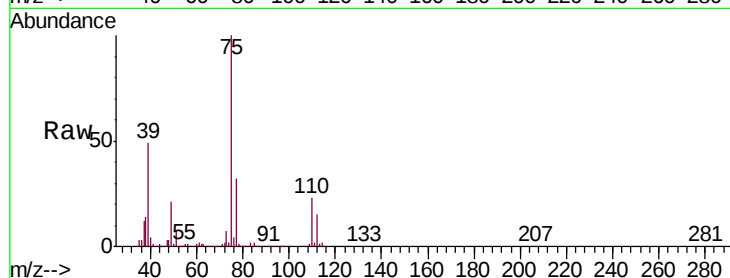
VW0512SBS01

Tgt Ion: 75 Resp: 410502

Ion Ratio Lower Upper

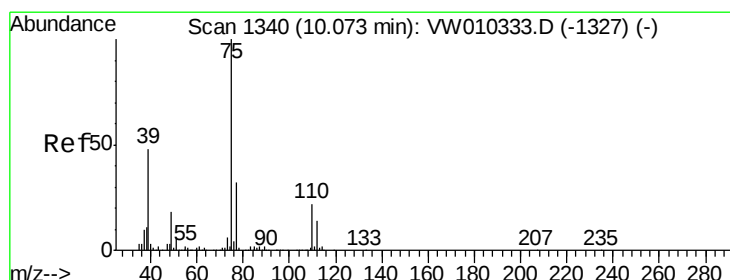
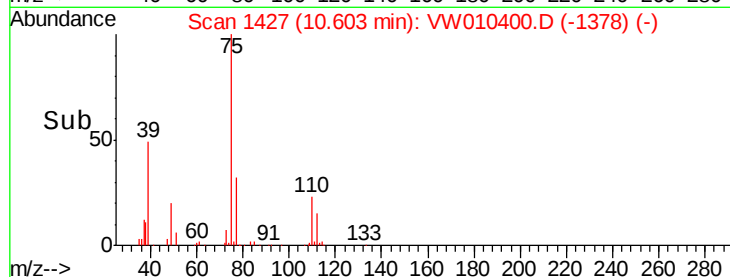
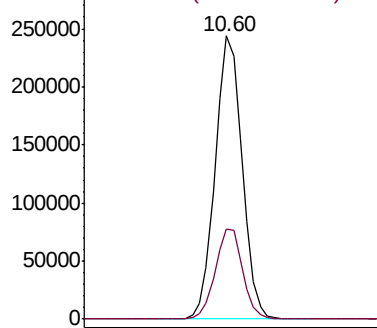
75 100

77 31.6 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 22.382 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

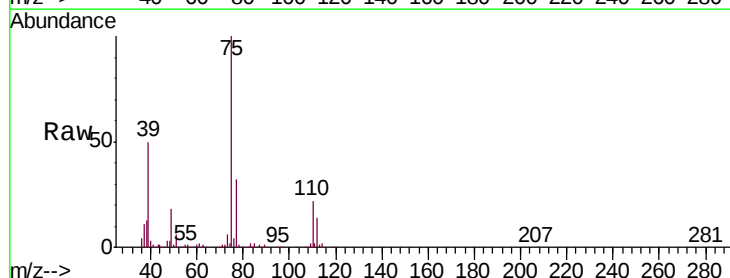
Tgt Ion: 75 Resp: 504149

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

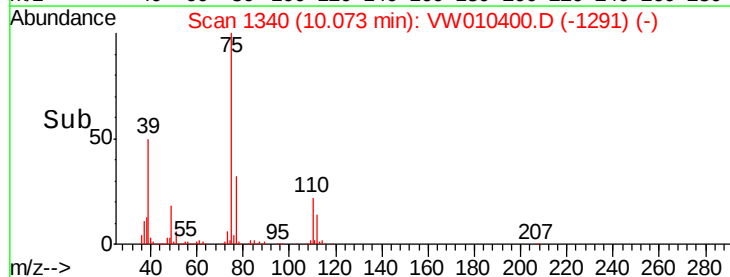
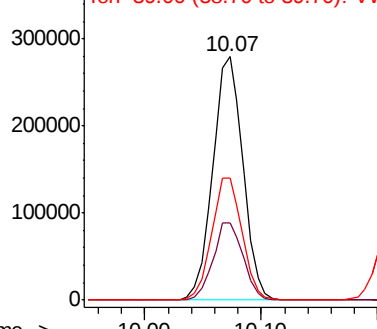
39 49.8 47.8 71.6

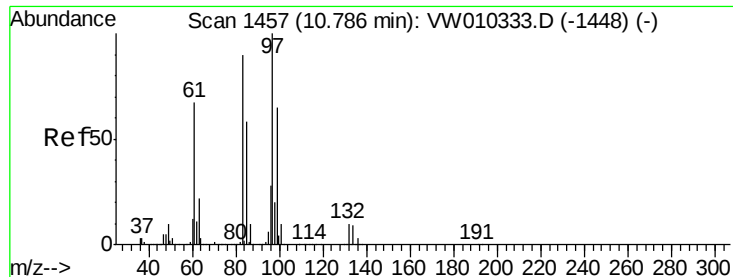


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

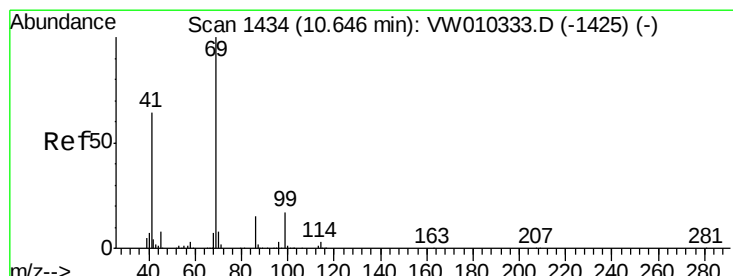
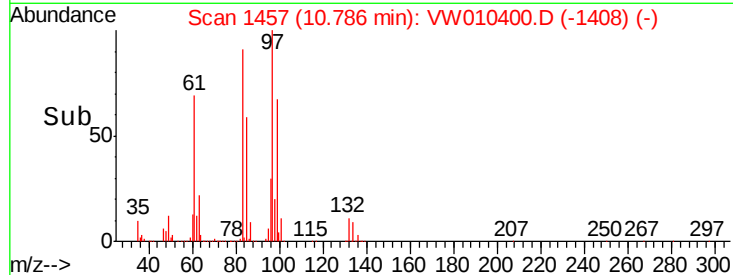
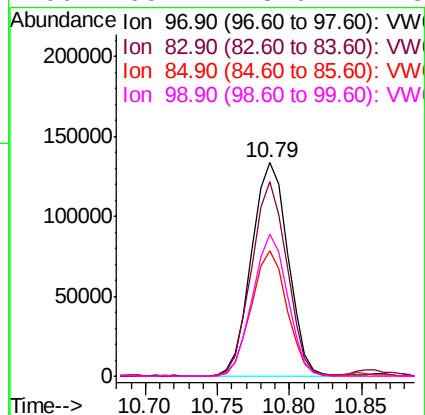
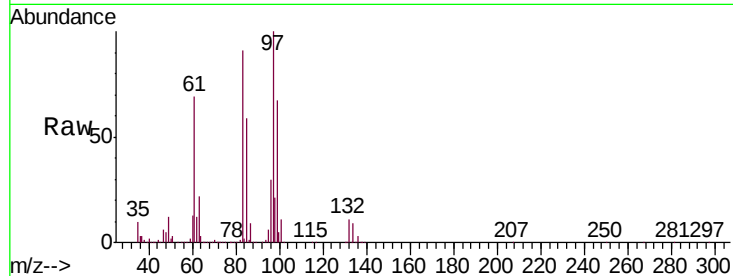




#55
 1,1,2-Trichloroethane
 Concen: 21.081 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

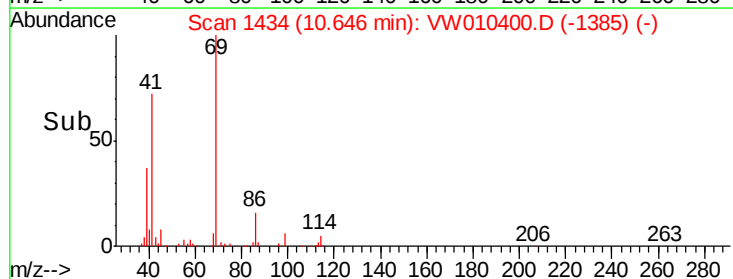
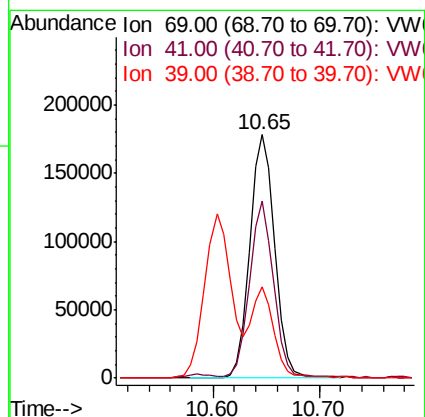
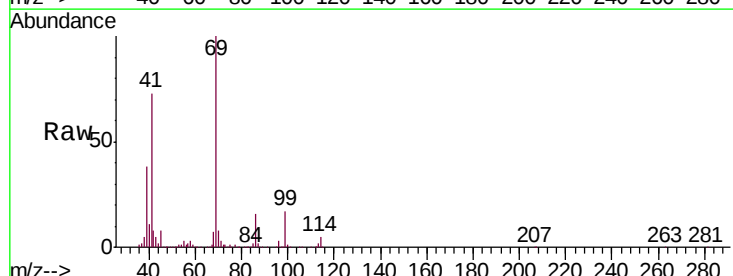
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

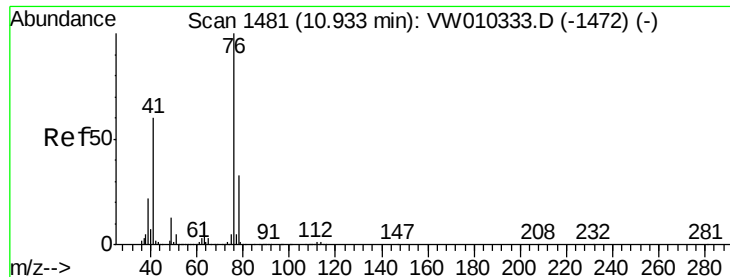
Tgt Ion:	97	Resp:	234382
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.9	103.3
85	58.5	42.9	64.3
99	66.7	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 19.840 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion:	69	Resp:	291285
Ion	Ratio	Lower	Upper
69	100		
41	69.5	61.0	91.6
39	33.8	33.8	50.6





#57

1,3-Dichloropropane

Concen: 21.939 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

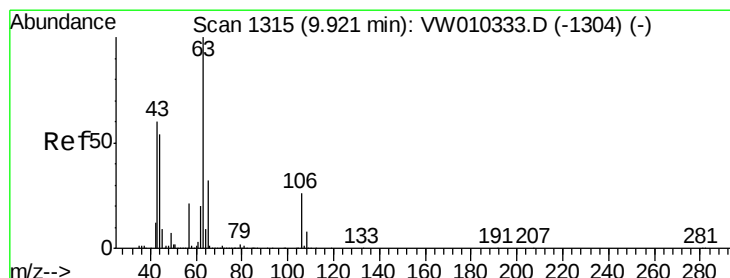
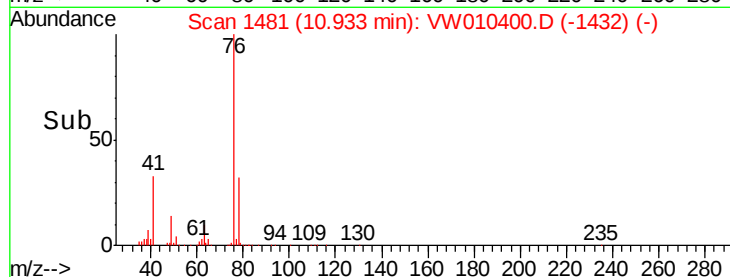
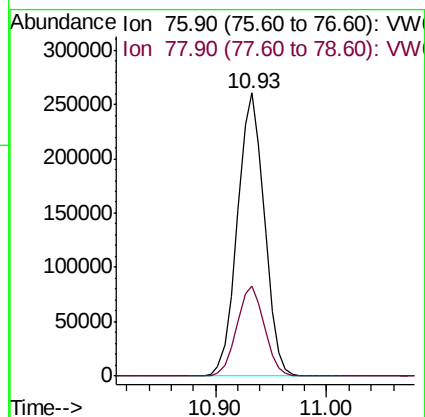
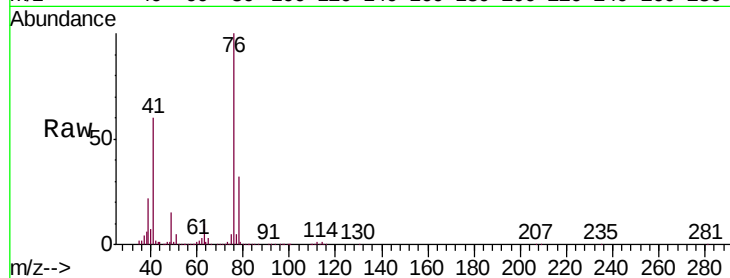
VW0512SBS01

Tgt Ion: 76 Resp: 436050

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 109.489 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010400.D

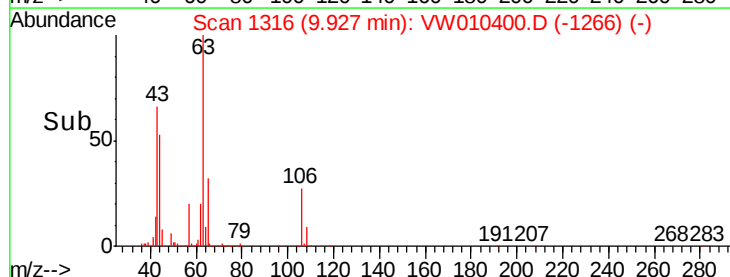
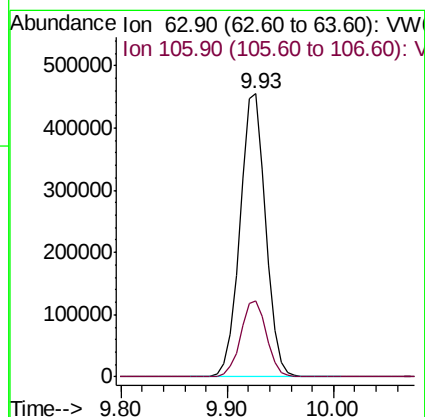
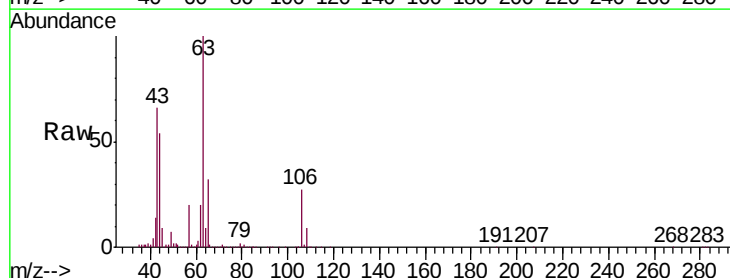
Acq: 12 May 2019 11:14

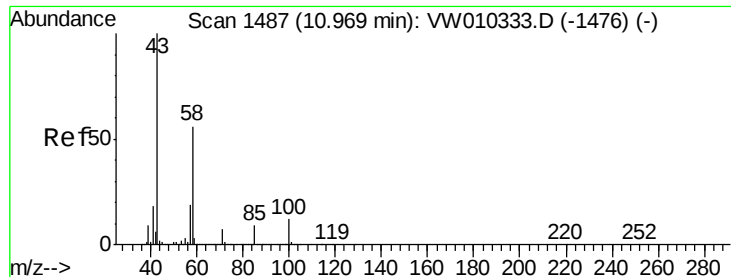
Tgt Ion: 63 Resp: 769650

Ion Ratio Lower Upper

63 100

106 27.0 21.4 32.0

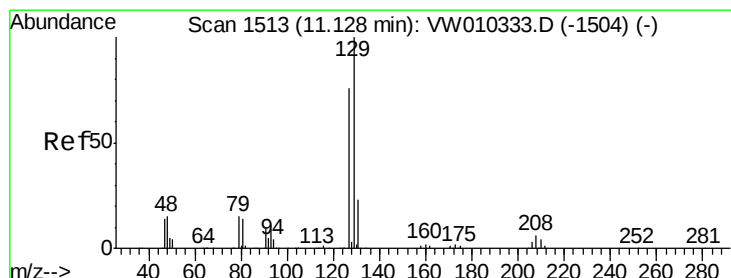
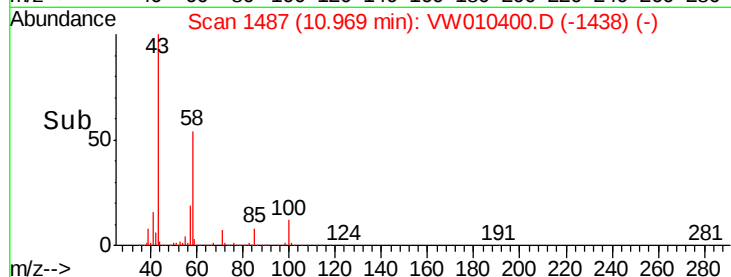
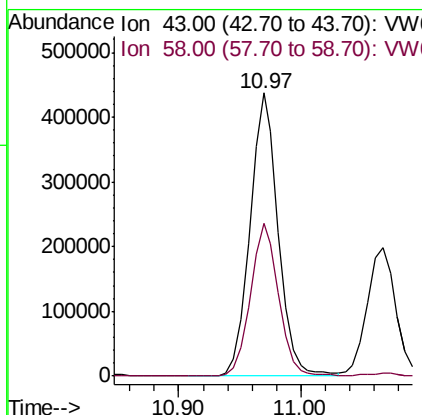
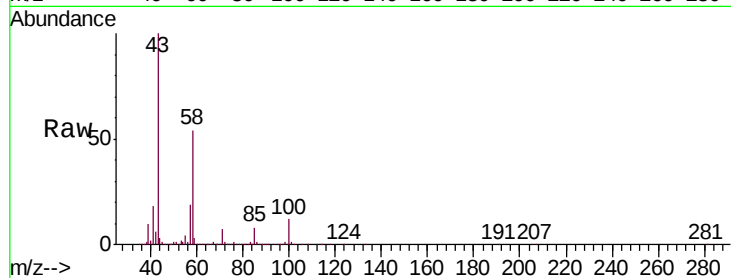




#59
2-Hexanone
Concen: 87.897 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

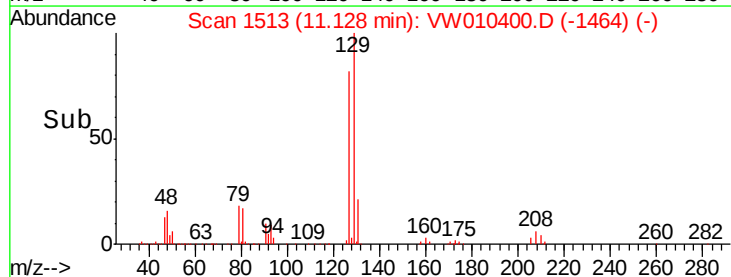
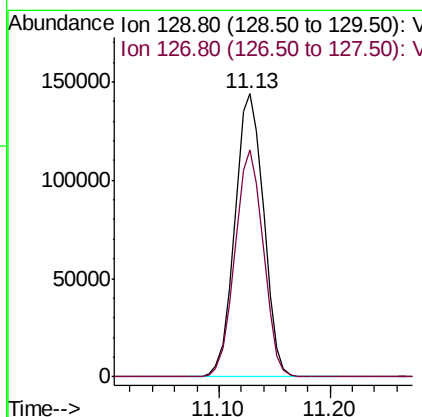
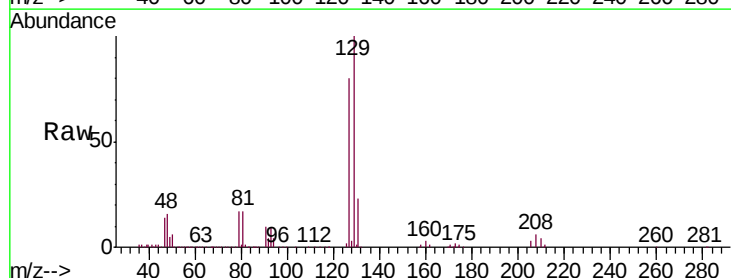
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

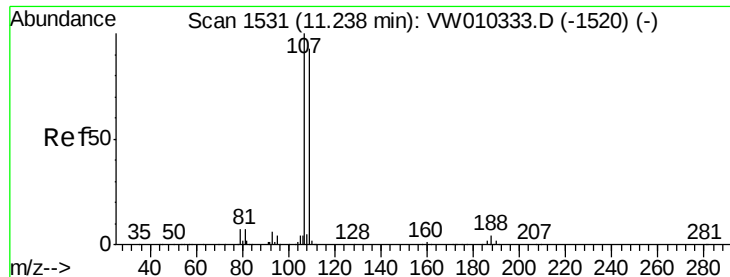
Tgt Ion: 43 Resp: 700401
Ion Ratio Lower Upper
43 100
58 53.8 24.9 74.7



#60
Dibromochloromethane
Concen: 21.502 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 129 Resp: 257240
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0

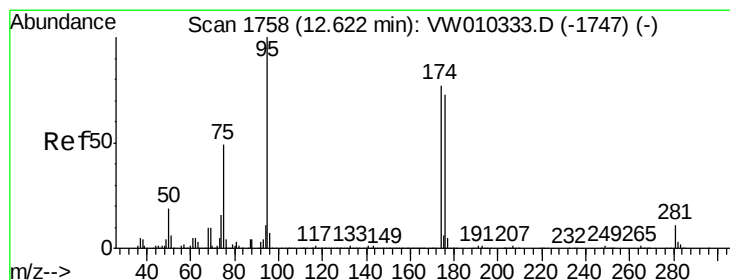
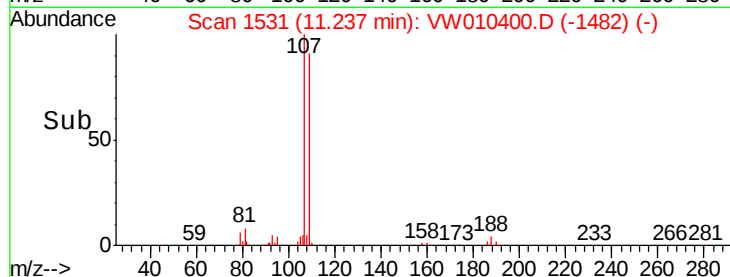
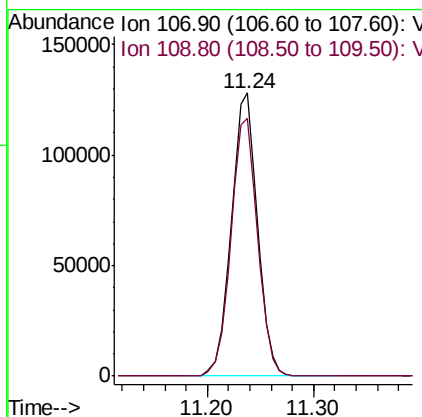
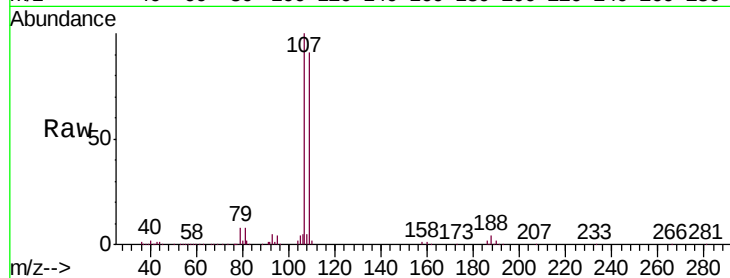




#61
 1,2-Dibromoethane
 Concen: 20.639 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

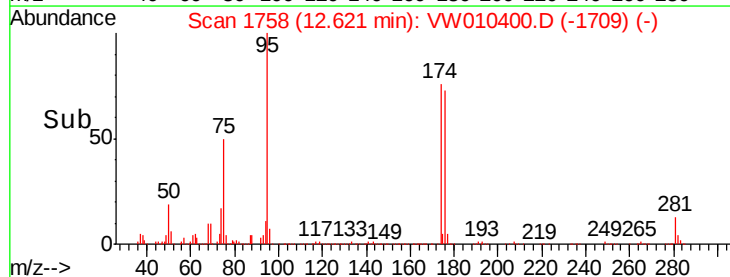
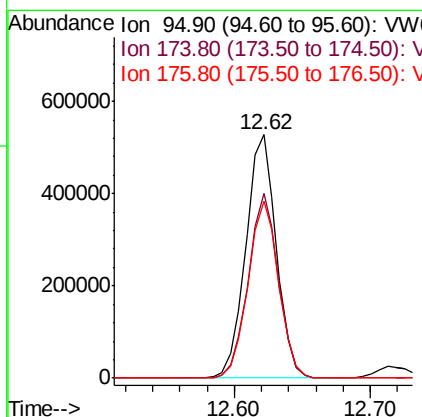
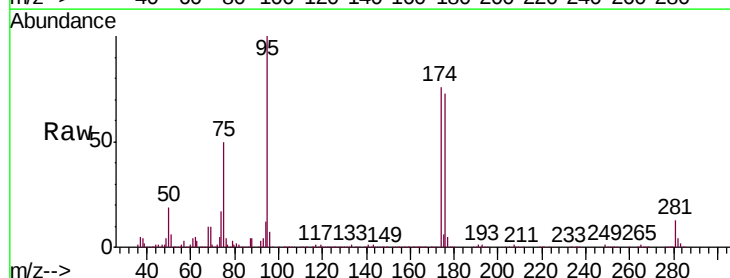
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

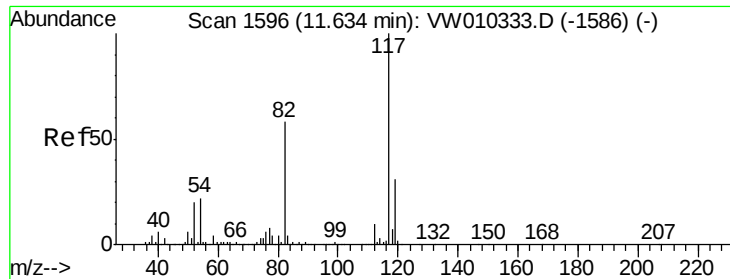
Tgt Ion: 107 Resp: 220279
 Ion Ratio Lower Upper
 107 100
 109 93.1 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 47.977 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion: 95 Resp: 826130
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 151.4
 176 72.9 0.0 146.2

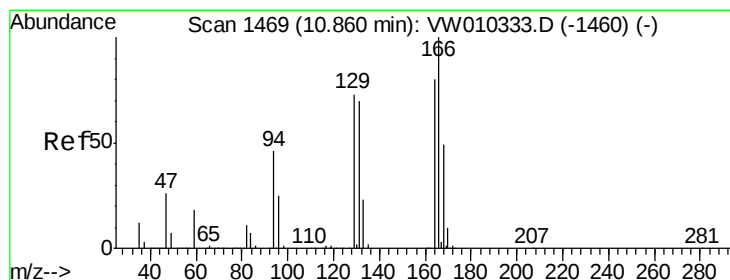
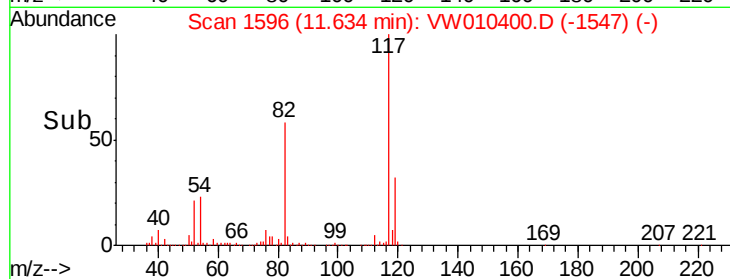
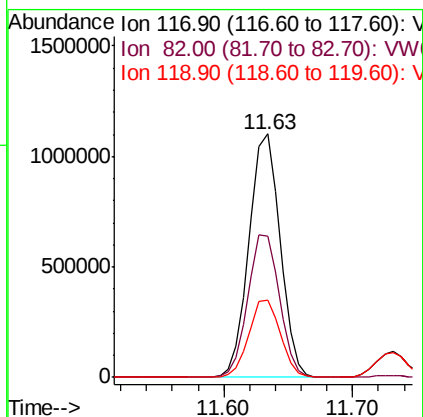
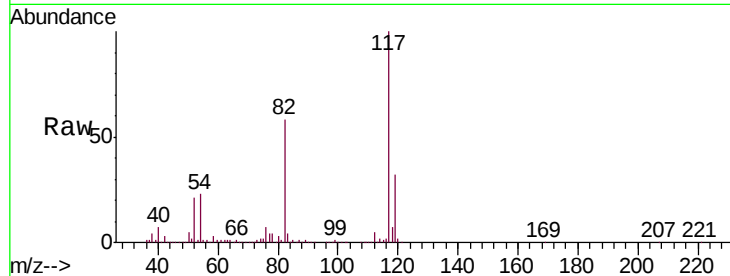




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

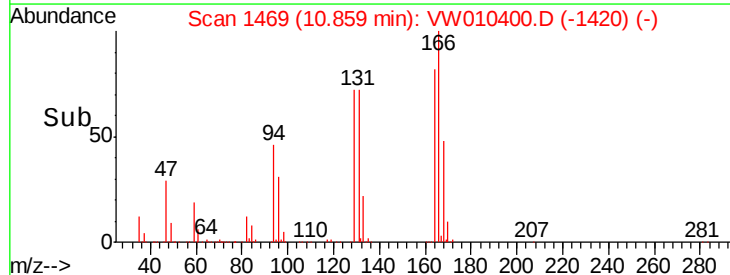
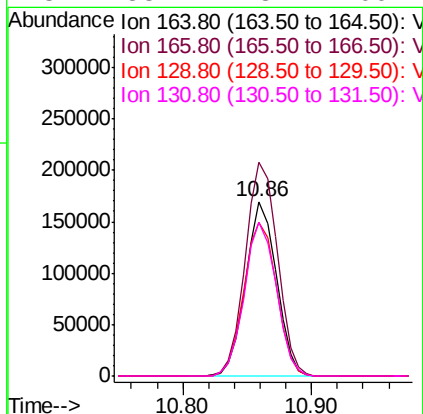
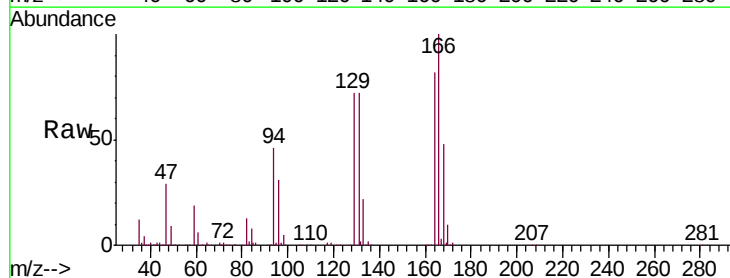
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

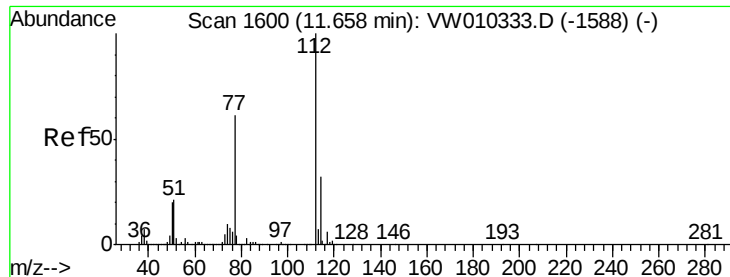
Tgt Ion:117 Resp: 1839022
Ion Ratio Lower Upper
117 100
82 58.1 45.2 67.8
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 21.816 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion:164 Resp: 280408
Ion Ratio Lower Upper
164 100
166 122.6 101.2 151.8
129 88.5 77.8 116.6
131 88.1 73.1 109.7

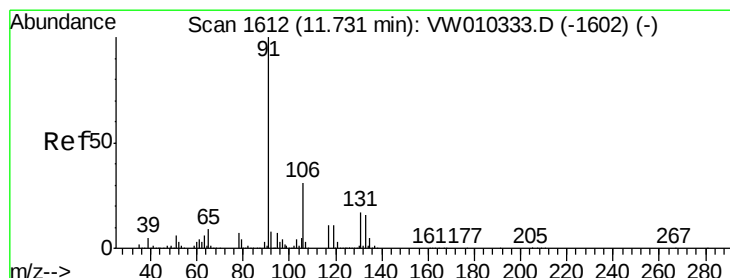
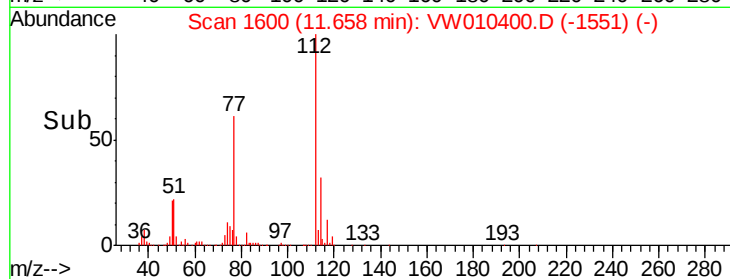
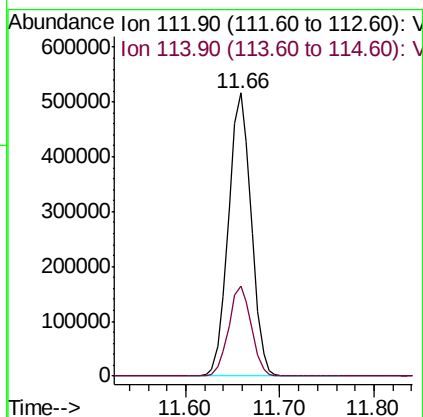
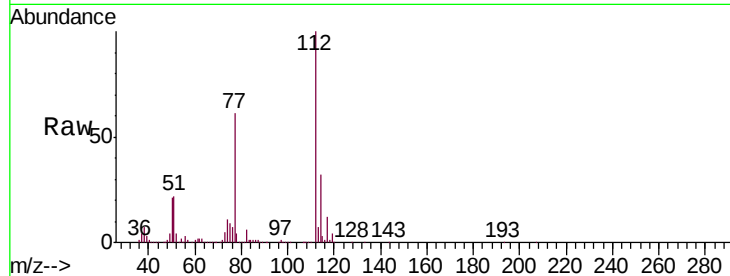




#65
Chlorobenzene
Concen: 22.683 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

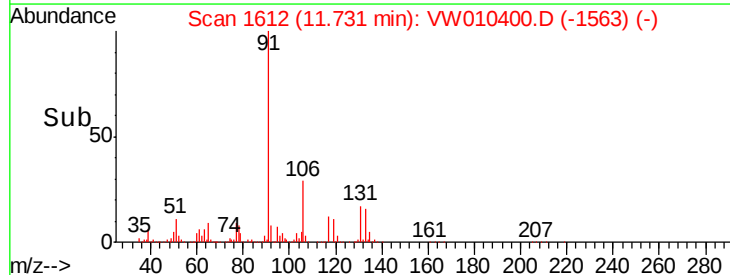
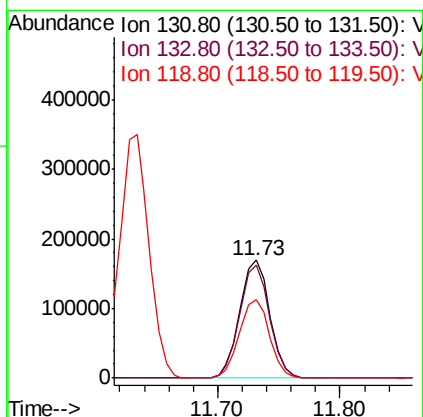
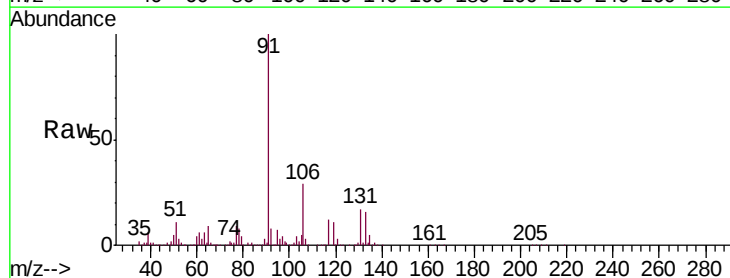
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

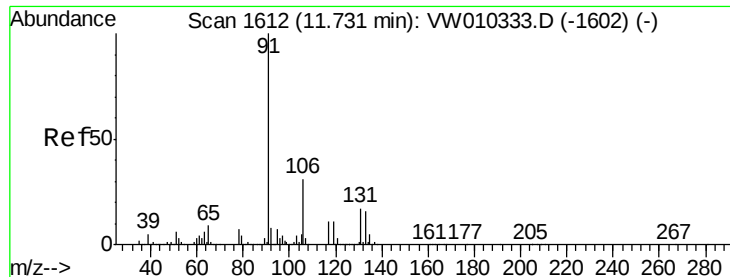
Tgt Ion:112 Resp: 863495
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.539 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion:131 Resp: 290004
Ion Ratio Lower Upper
131 100
133 95.4 46.5 139.5
119 66.6 31.9 95.5

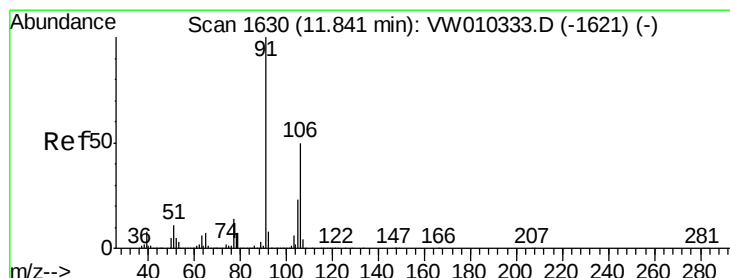
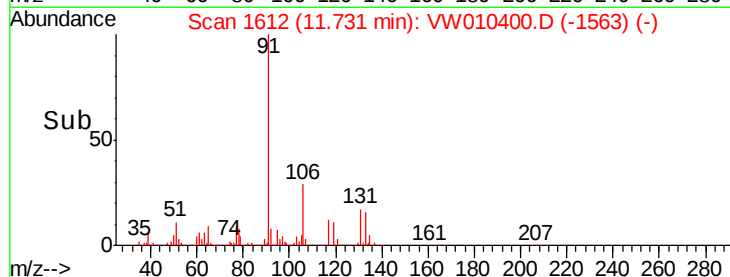
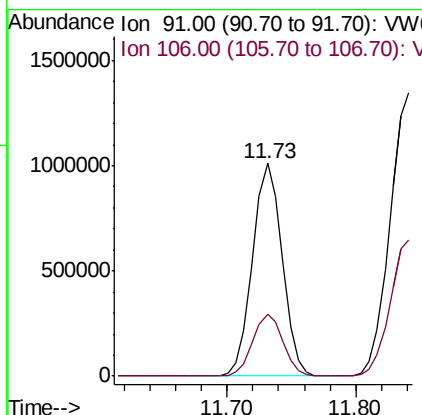
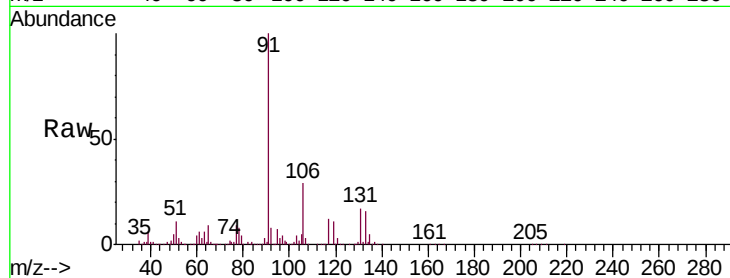




#67
Ethyl Benzene
Concen: 22.855 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

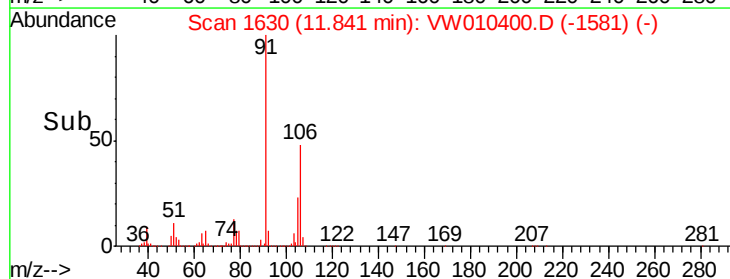
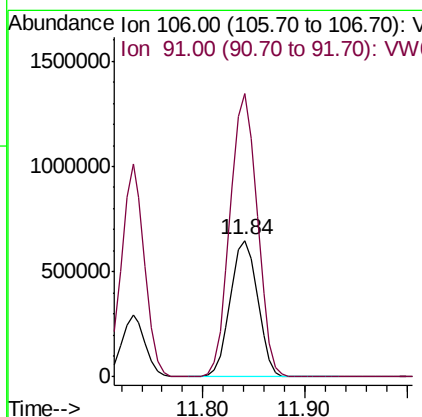
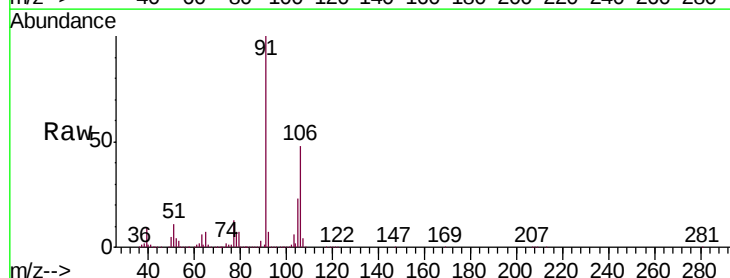
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

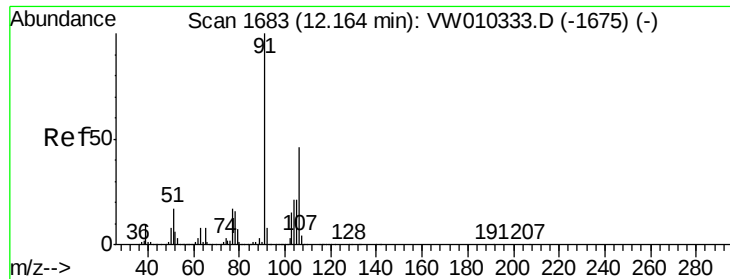
Tgt Ion: 91 Resp: 1600578
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.8



#68
m/p-Xylenes
Concen: 46.410 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 106 Resp: 1207573
Ion Ratio Lower Upper
106 100
91 206.1 165.0 247.6

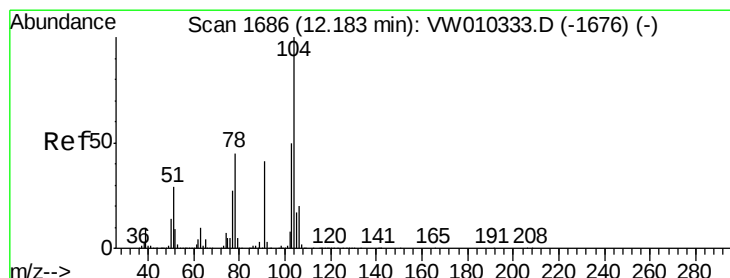
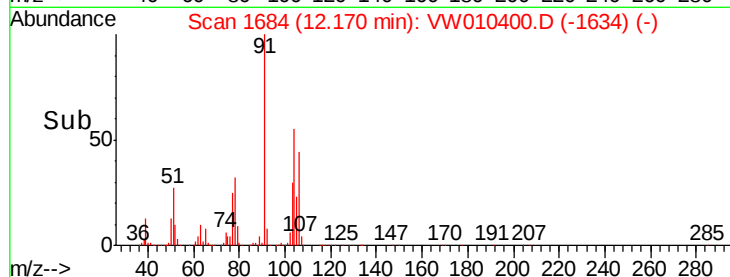
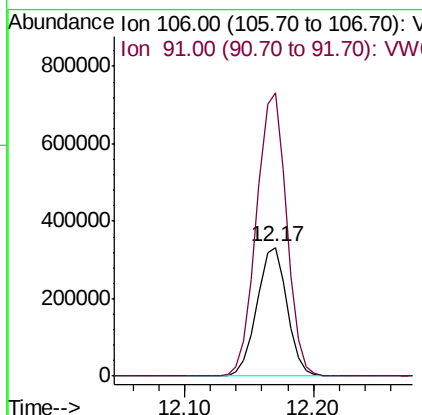
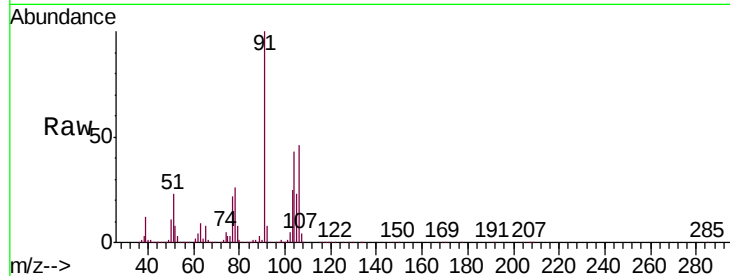




#69
o-Xylene
Concen: 22.748 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

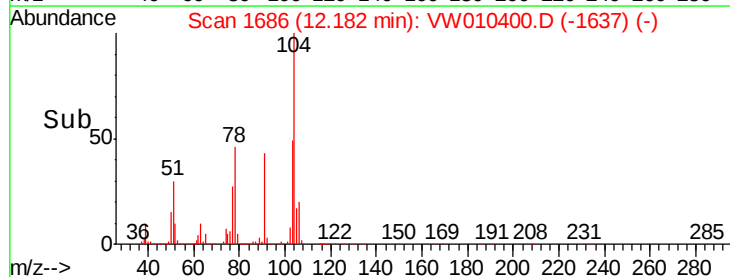
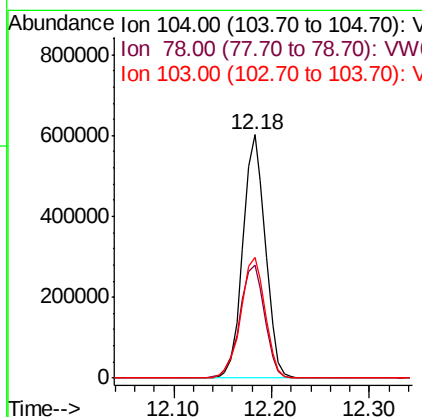
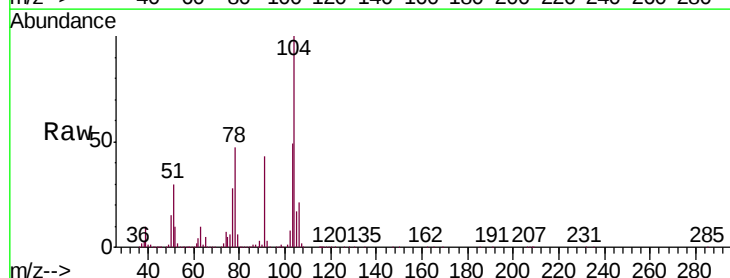
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

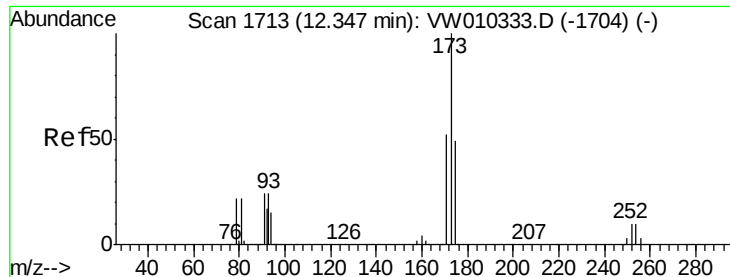
Tgt Ion:106 Resp: 535438
Ion Ratio Lower Upper
106 100
91 220.5 110.5 331.4



#70
Styrene
Concen: 23.414 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion:104 Resp: 960276
Ion Ratio Lower Upper
104 100
78 51.5 42.5 63.7
103 53.8 43.6 65.4

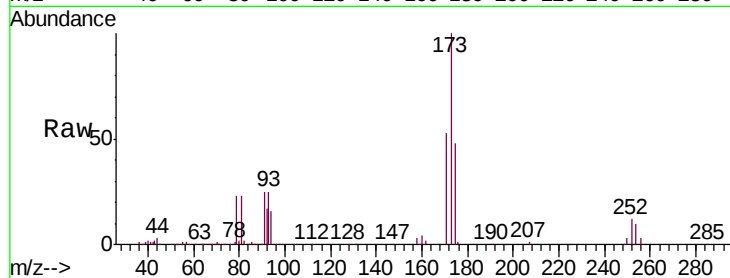




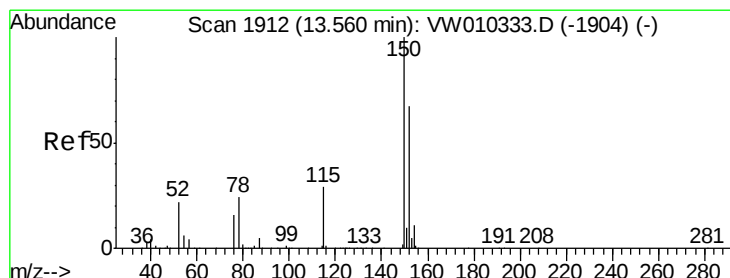
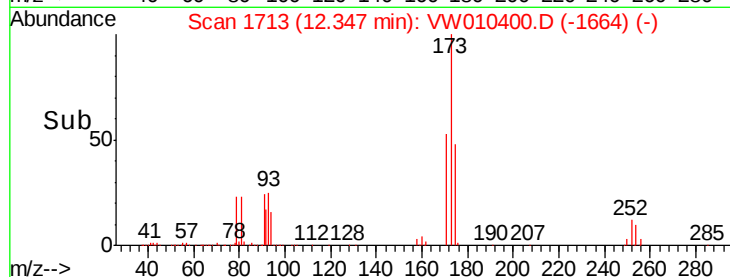
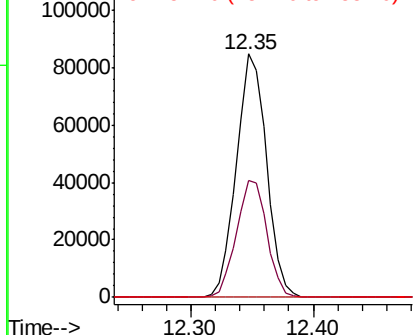
#71
Bromoform
Concen: 19.688 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Instrument :
MSVOA_W
ClientSampled :
VW0512SBS01

Tgt Ion:173 Resp: 144806
Ion Ratio Lower Upper
173 100
175 48.3 23.8 71.4
254 0.2 0.1 0.1#

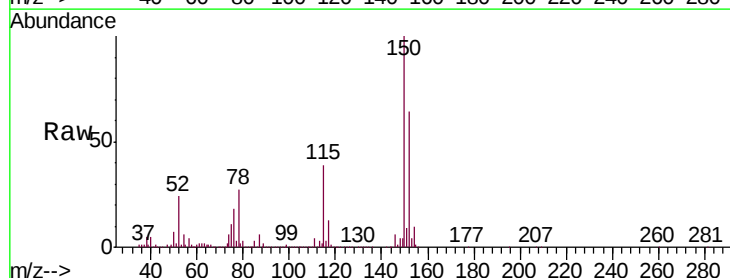


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

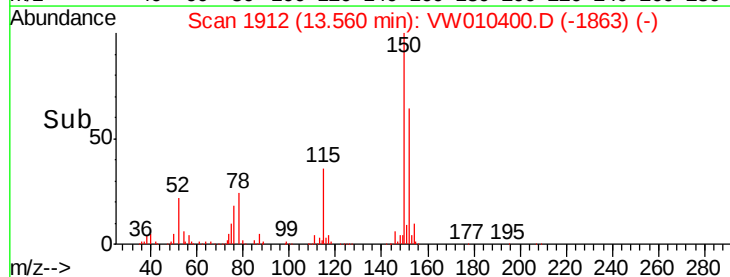
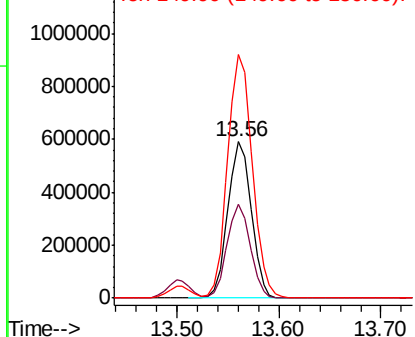


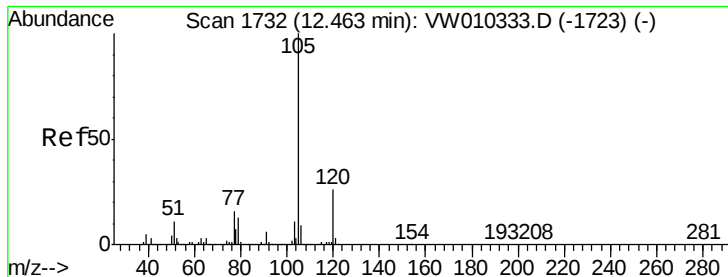
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion:152 Resp: 936365
Ion Ratio Lower Upper
152 100
115 59.4 30.4 91.2
150 164.5 0.0 347.0



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: 22.454 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

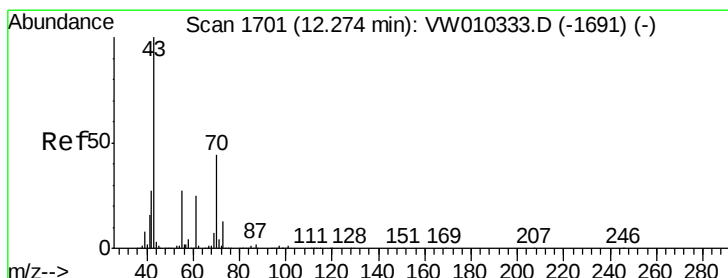
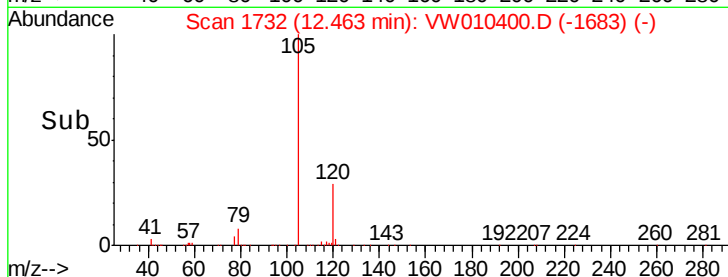
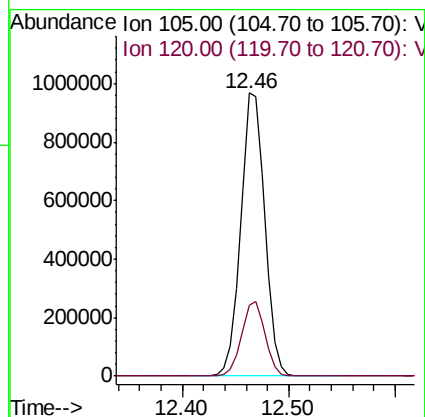
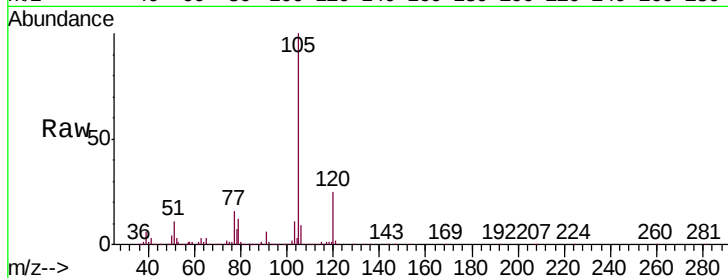
VW0512SBS01

Tgt Ion:105 Resp: 1532549

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 19.318 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Tgt Ion: 43 Resp: 340633

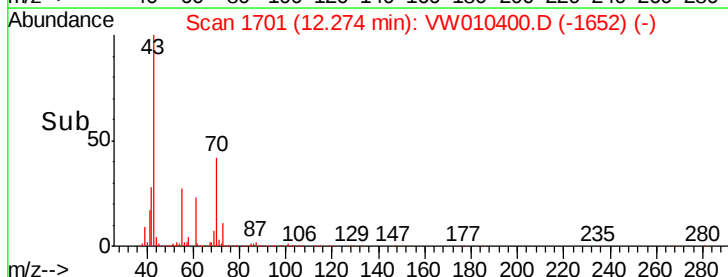
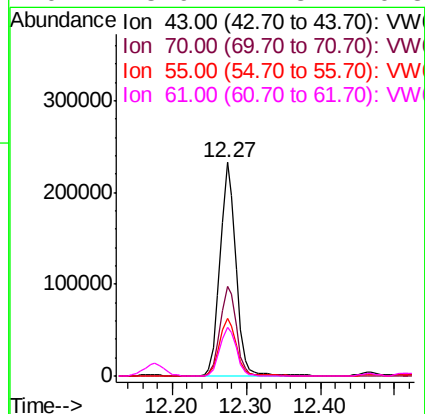
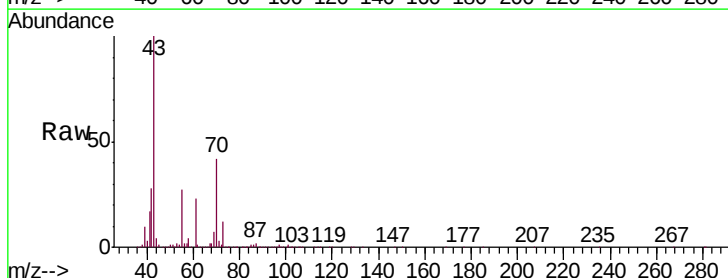
Ion Ratio Lower Upper

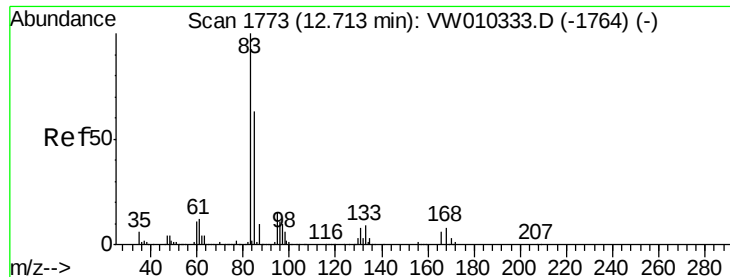
43 100

70 43.6 31.3 46.9

55 28.7 20.0 30.0

61 23.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.709 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

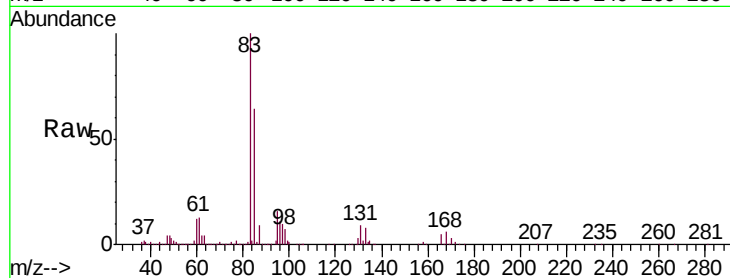
Tgt Ion: 83 Resp: 281347

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

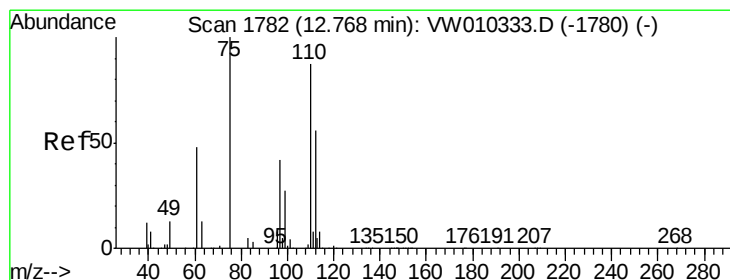
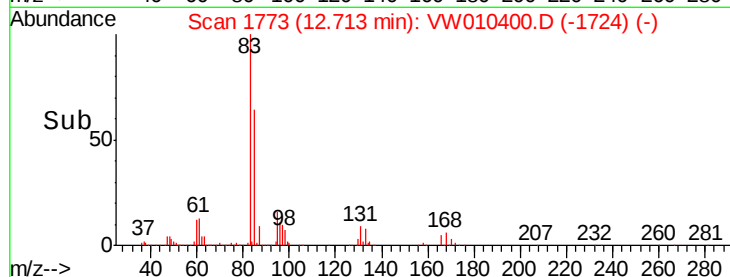
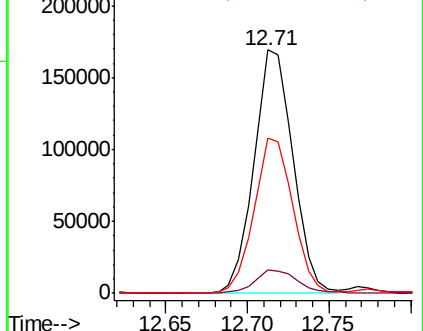
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.152 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010400.D

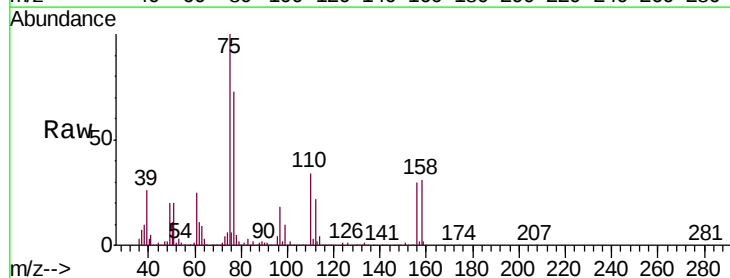
Acq: 12 May 2019 11:14

Tgt Ion: 75 Resp: 361925

Ion Ratio Lower Upper

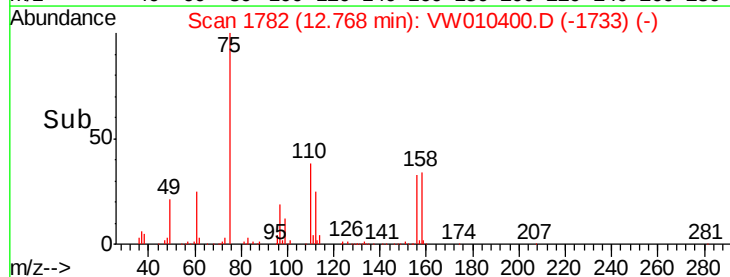
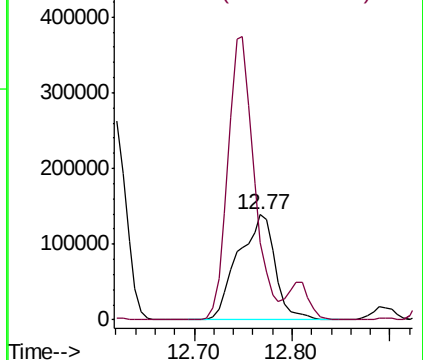
75 100

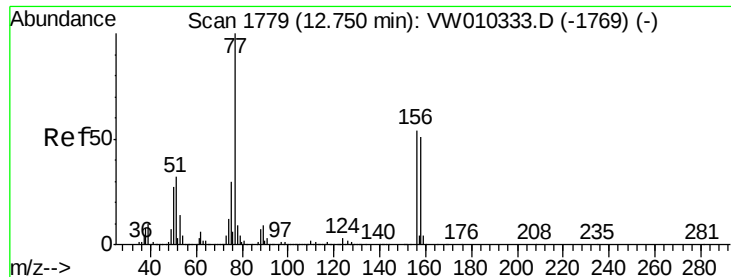
77 193.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.023 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampled :

VW0512SBS01

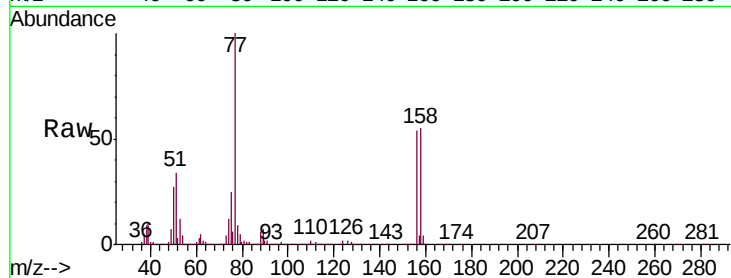
Tgt Ion: 156 Resp: 339387

Ion Ratio Lower Upper

156 100

77 206.2 102.5 307.4

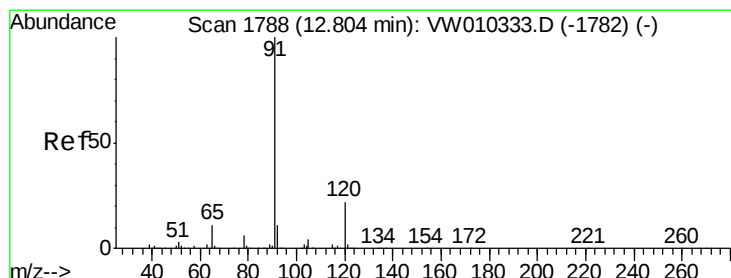
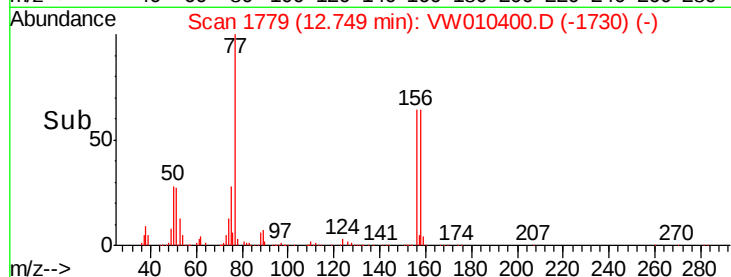
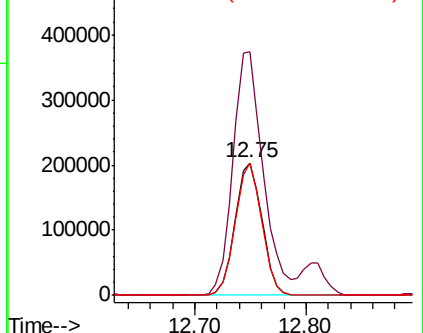
158 98.3 48.8 146.4



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: 22.863 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010400.D

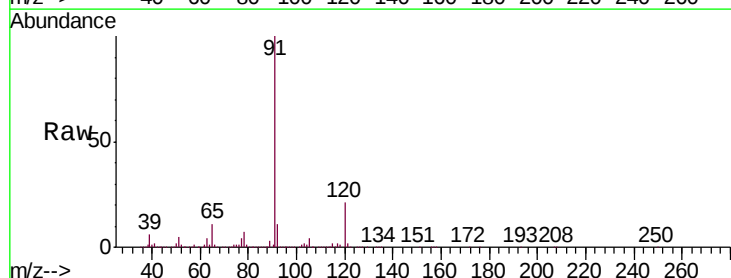
Acq: 12 May 2019 11:14

Tgt Ion: 91 Resp: 1927298

Ion Ratio Lower Upper

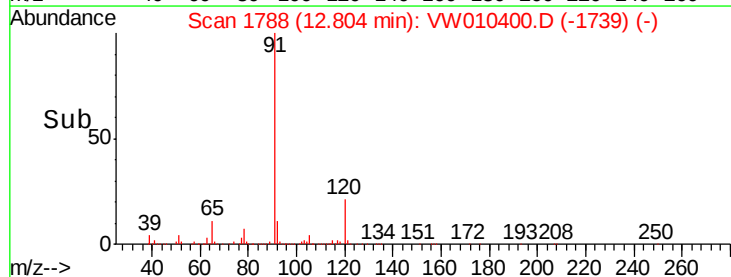
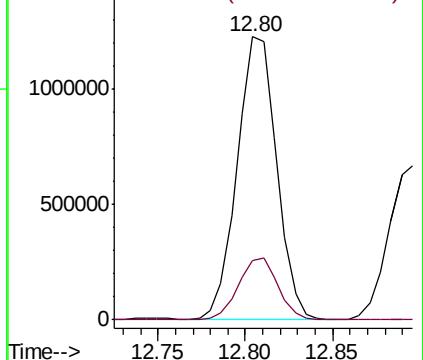
91 100

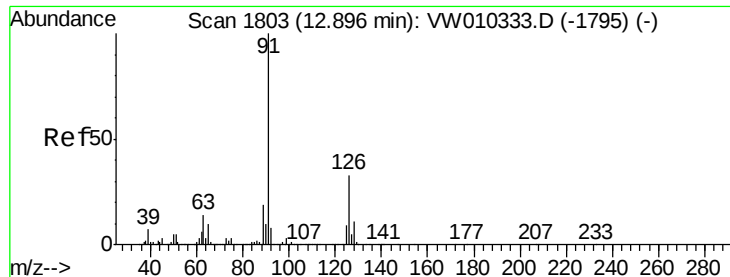
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.599 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

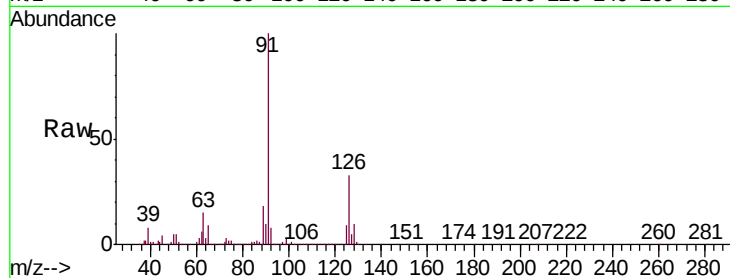
VW0512SBS01

Tgt Ion: 91 Resp: 1084879

Ion Ratio Lower Upper

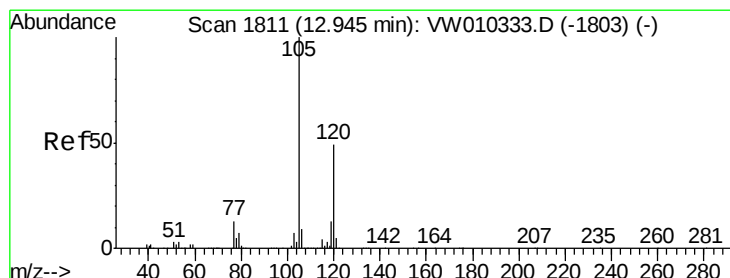
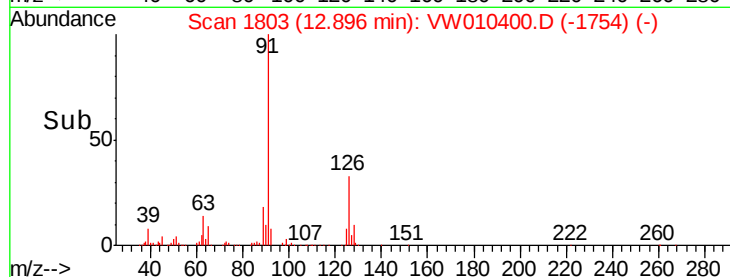
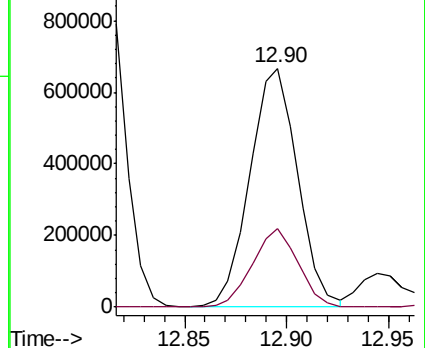
91 100

126 31.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.111 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010400.D

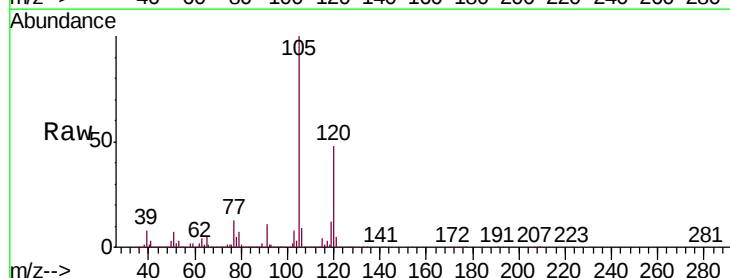
Acq: 12 May 2019 11:14

Tgt Ion: 105 Resp: 1329781

Ion Ratio Lower Upper

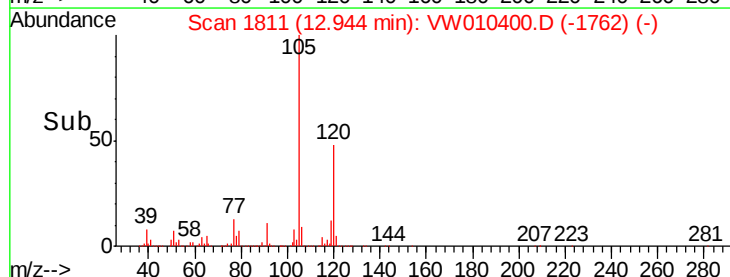
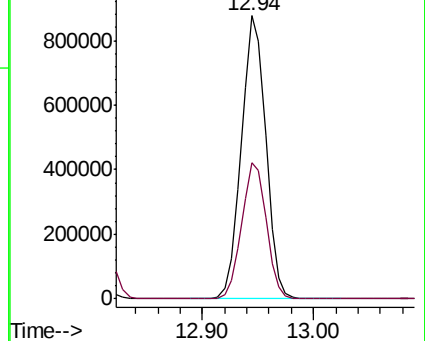
105 100

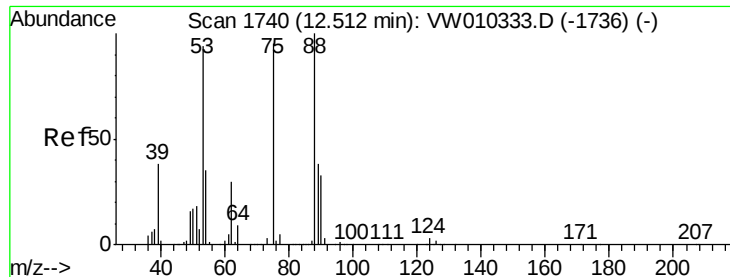
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

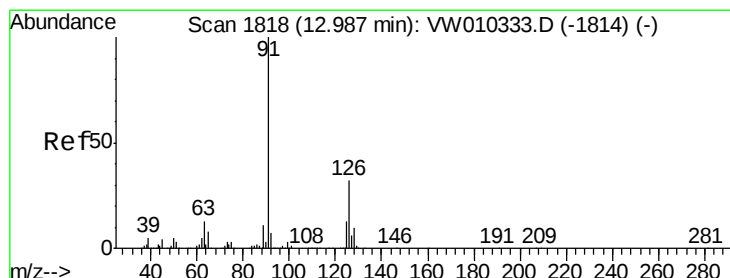
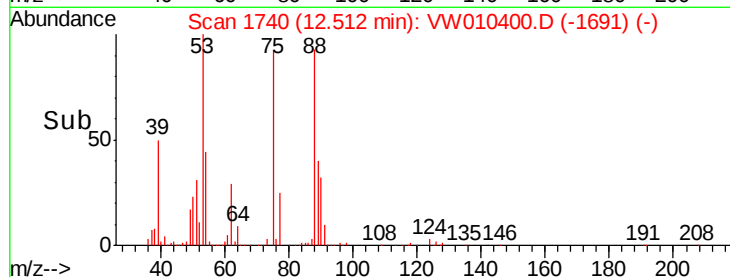
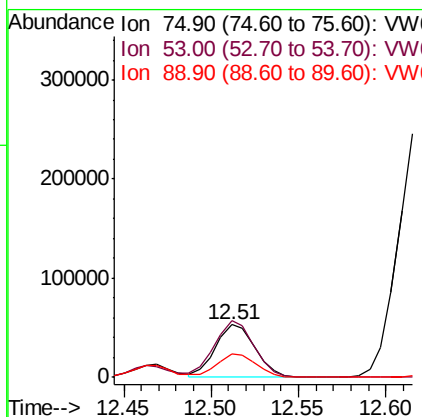
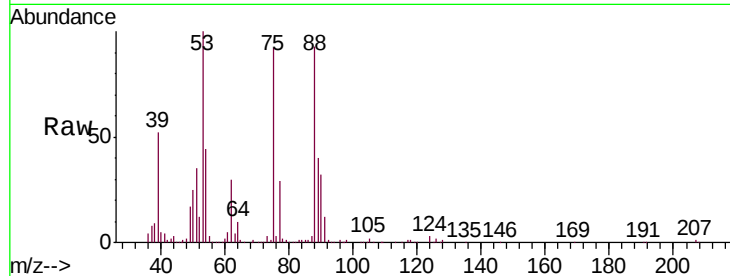




#81
trans-1,4-Dichloro-2-butene
Concen: 17.363 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

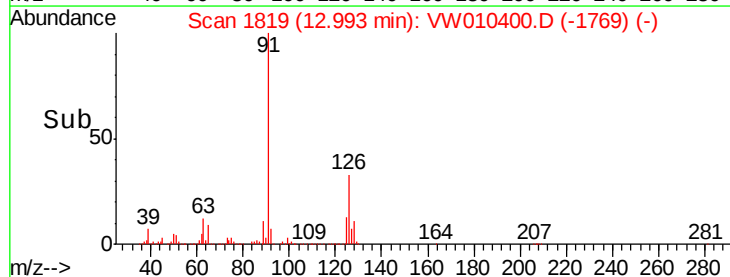
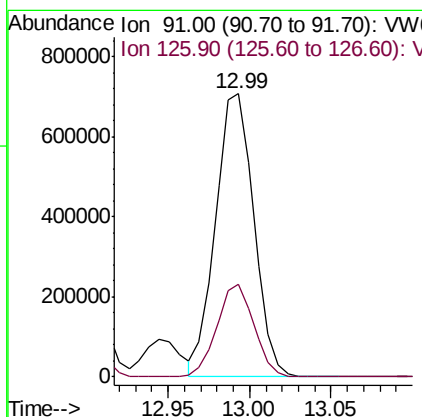
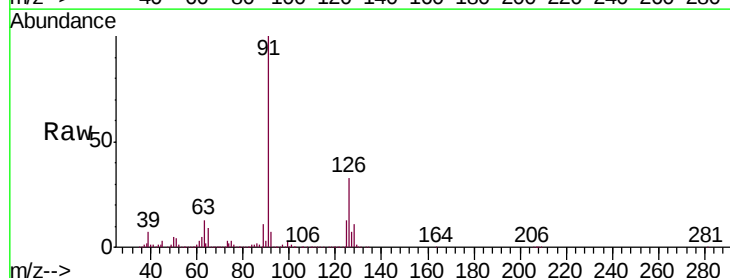
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

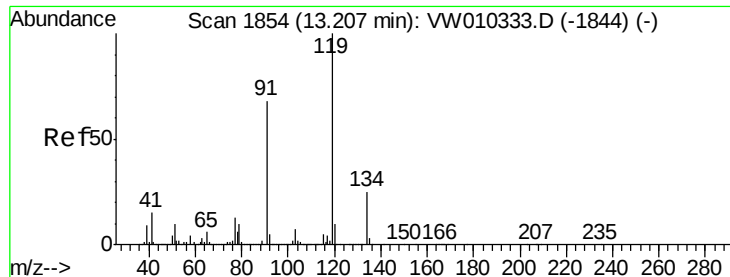
Tgt Ion: 75 Resp: 83937
Ion Ratio Lower Upper
75 100
53 107.2 89.8 134.8
89 44.2 36.6 54.8



#82
4-Chlorotoluene
Concen: 22.930 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 91 Resp: 1153356
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.1





#83

tert-Butylbenzene

Concen: 23.122 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

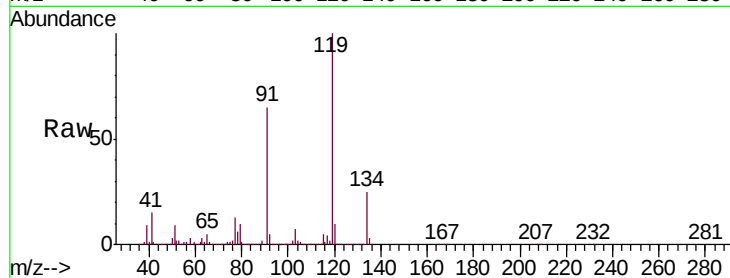
Tgt Ion:119 Resp: 1109709

Ion Ratio Lower Upper

119 100

91 66.5 34.8 104.4

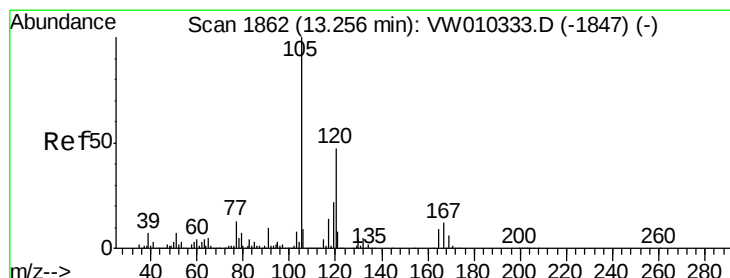
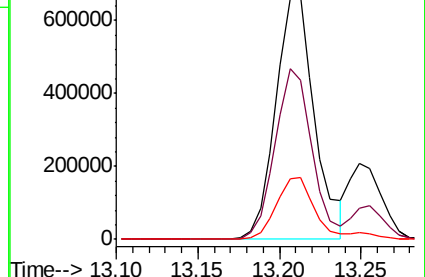
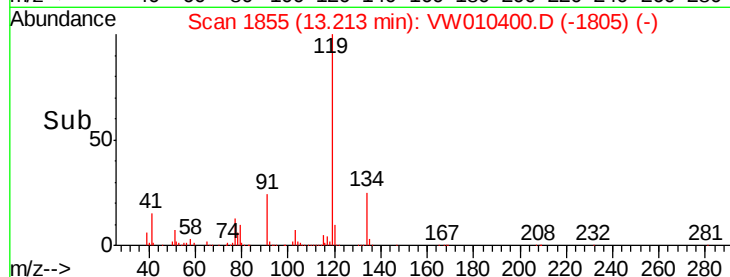
134 26.4 13.7 41.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 23.395 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010400.D

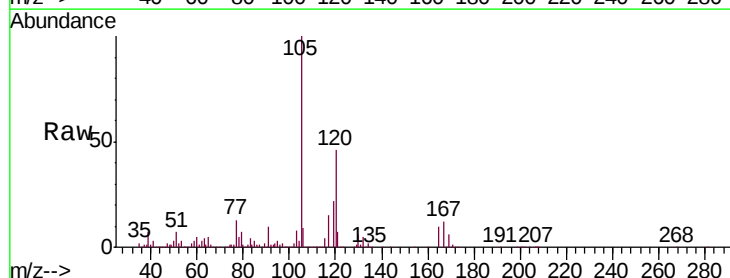
Acq: 12 May 2019 11:14

Tgt Ion:105 Resp: 1337692

Ion Ratio Lower Upper

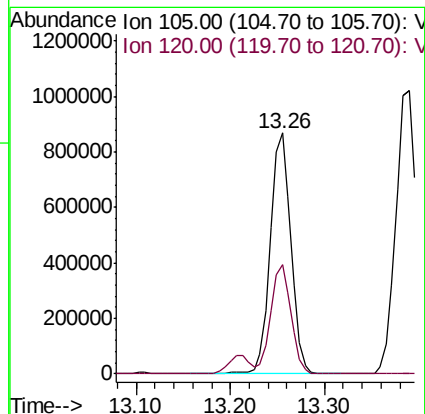
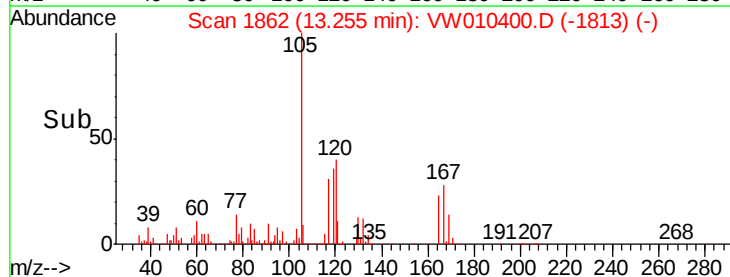
105 100

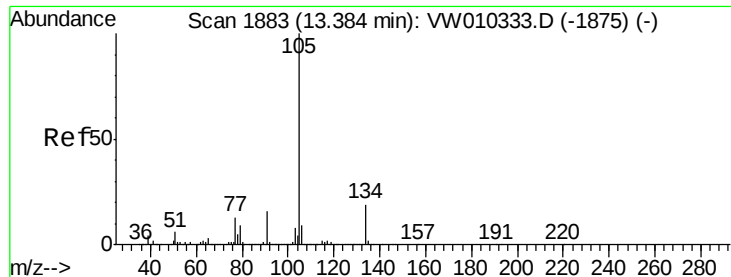
120 44.7 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

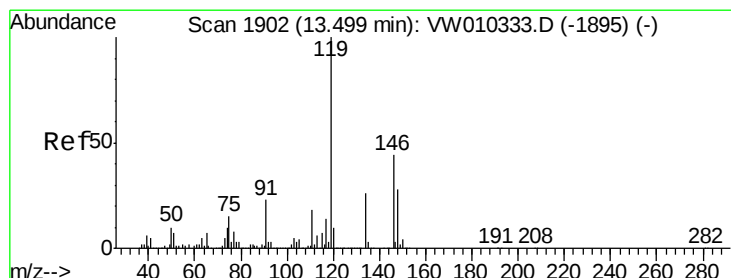
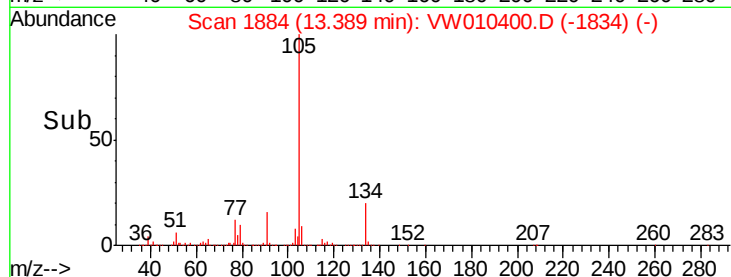
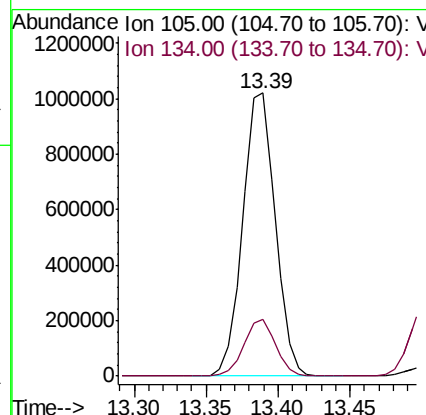
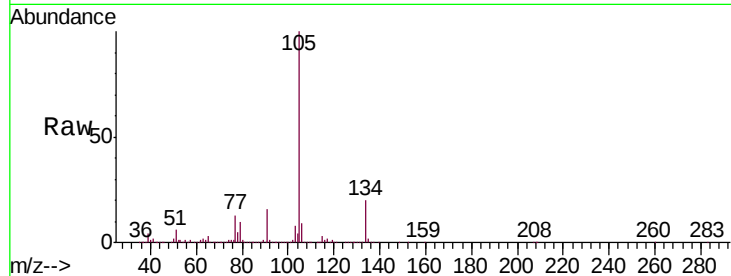




#85
 sec-Butylbenzene
 Concen: 22.510 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

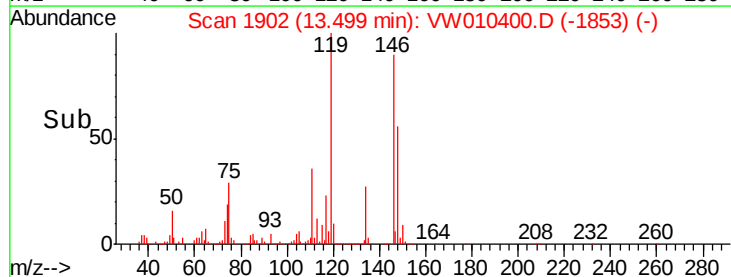
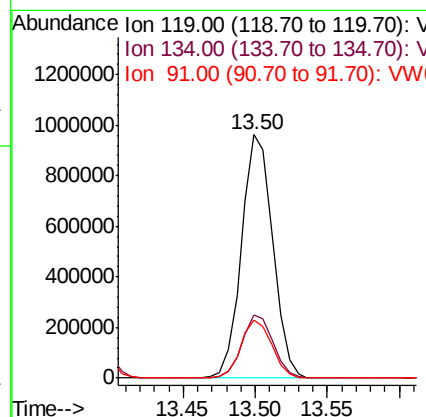
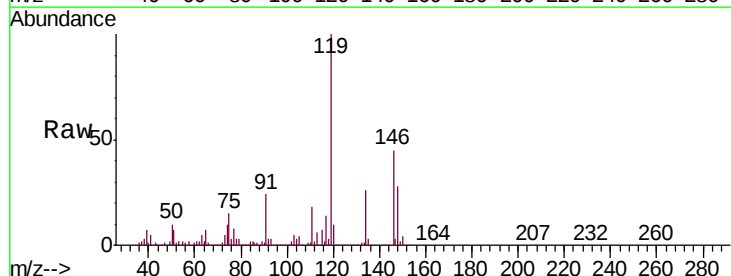
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

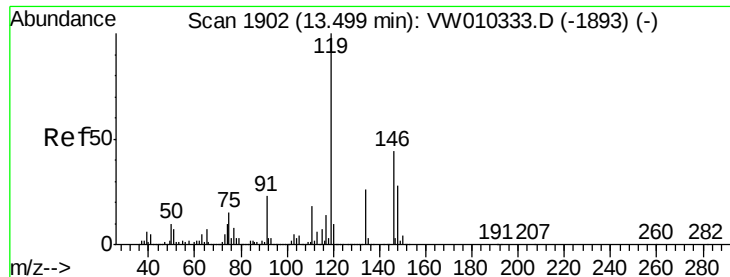
Tgt Ion:105 Resp: 1594831
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 22.955 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion:119 Resp: 1443967
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 22.574 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

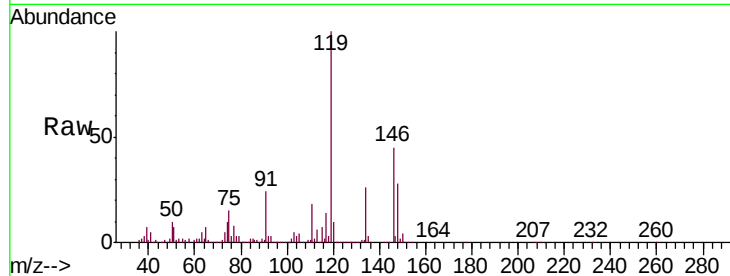
Instrument :

MSVOA_W

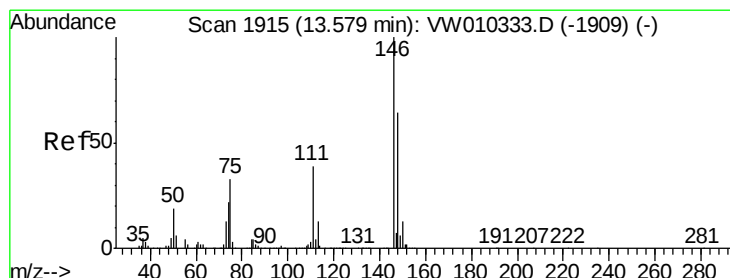
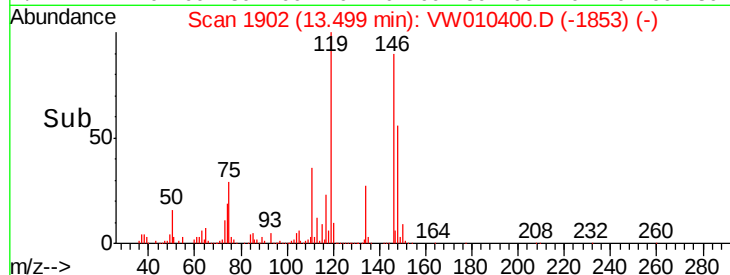
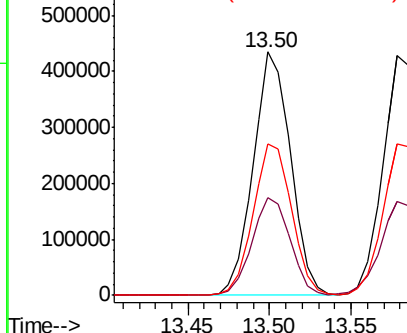
ClientSampleId :

VW0512SBS01

Tgt Ion:	146	Resp:	694664
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	63.9	32.0	96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 22.535 ug/l

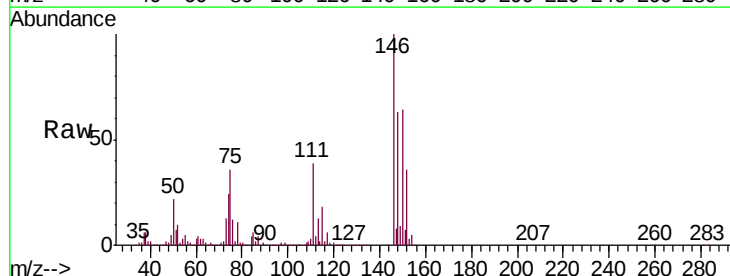
RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

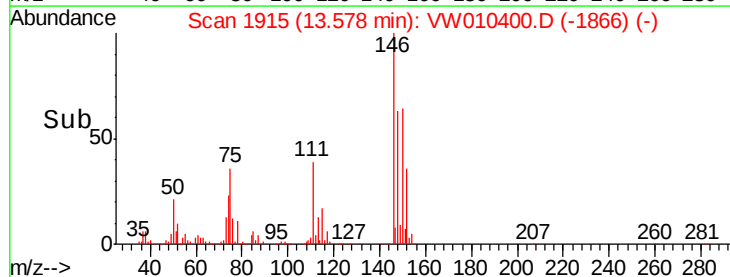
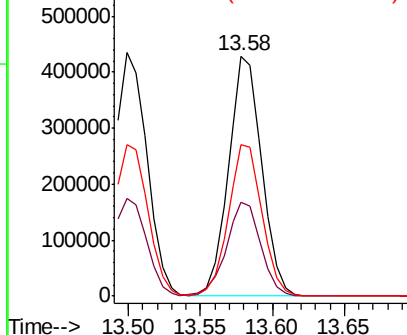
Lab File: VW010400.D

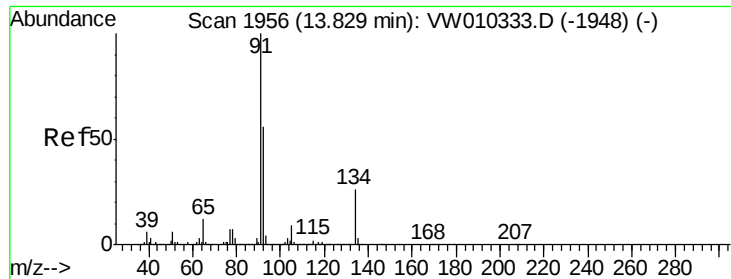
Acq: 12 May 2019 11:14

Tgt Ion:	146	Resp:	688203
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.3
148	64.0	31.8	95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

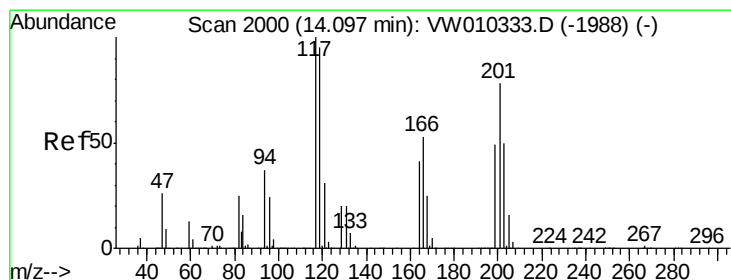
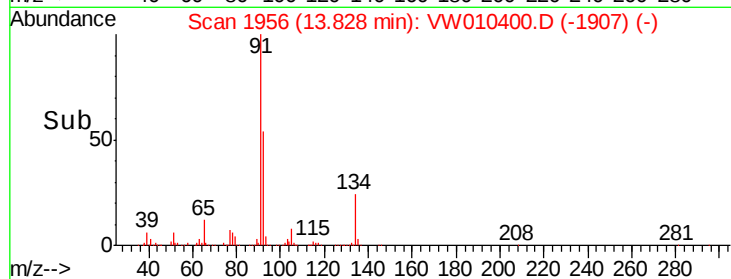
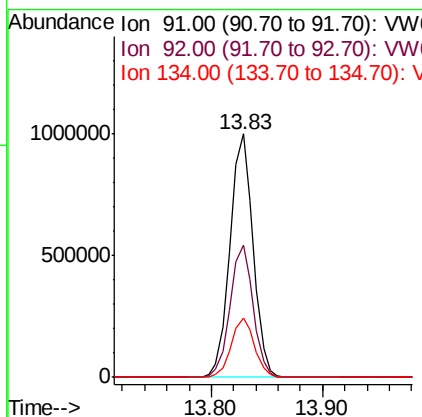
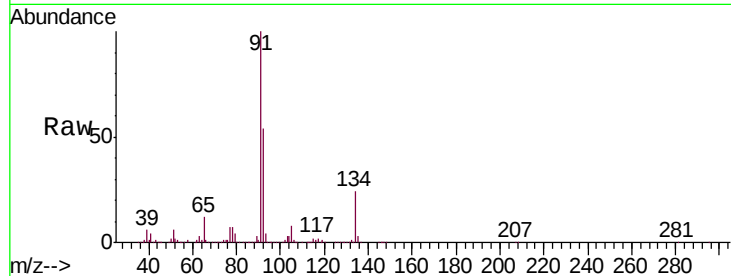




#89
n-Butylbenzene
Concen: 22.606 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

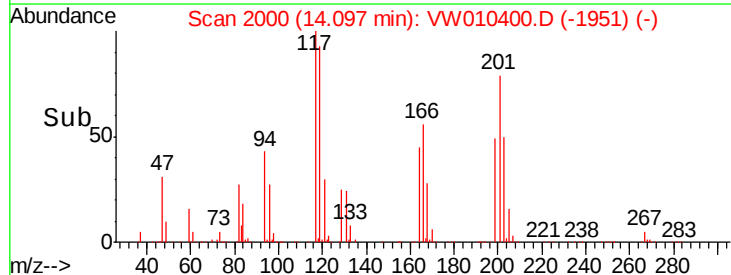
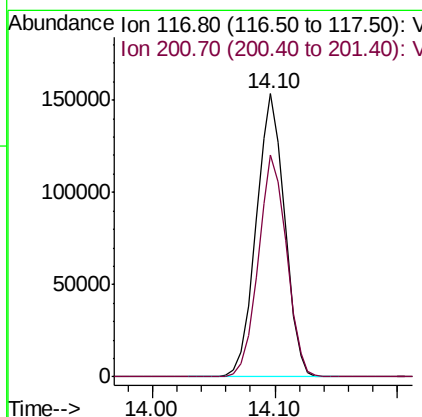
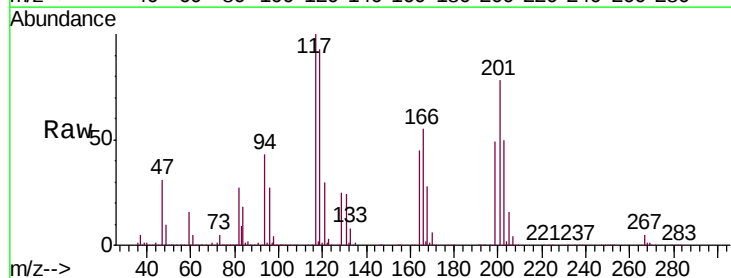
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

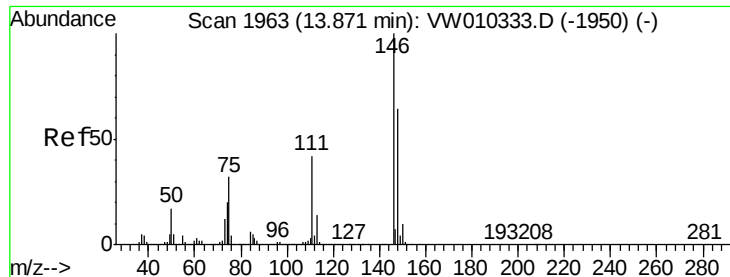
Tgt Ion: 91 Resp: 1425865
Ion Ratio Lower Upper
91 100
92 54.4 26.5 79.4
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 21.297 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion: 117 Resp: 248478
Ion Ratio Lower Upper
117 100
201 78.1 36.1 108.3





#91

1,2-Dichlorobenzene

Concen: 22.445 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBS01

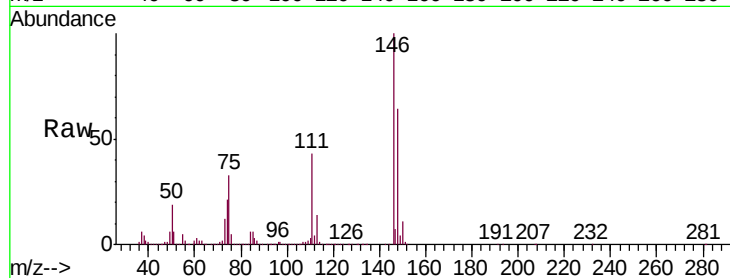
Tgt Ion:146 Resp: 611415

Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.8

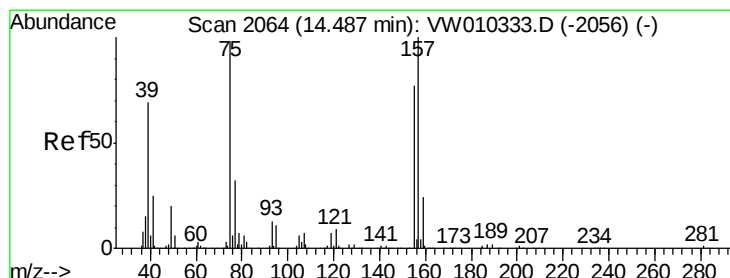
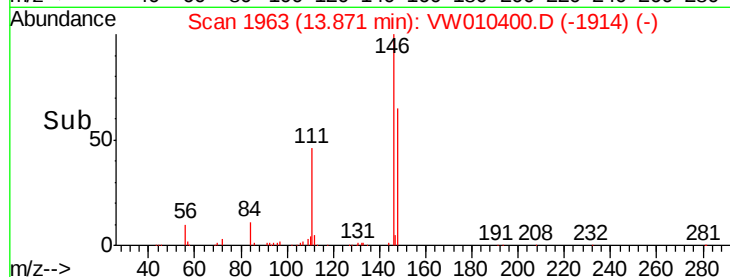
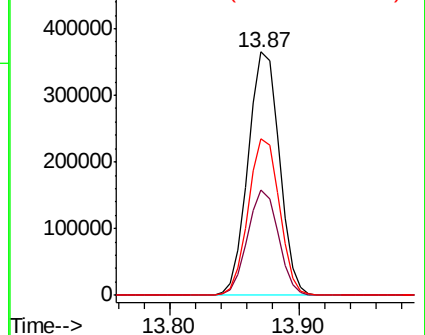
148 64.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.250 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010400.D

Acq: 12 May 2019 11:14

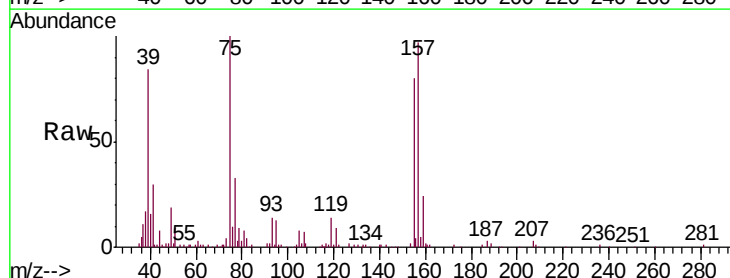
Tgt Ion: 75 Resp: 44005

Ion Ratio Lower Upper

75 100

155 79.6 37.1 111.5

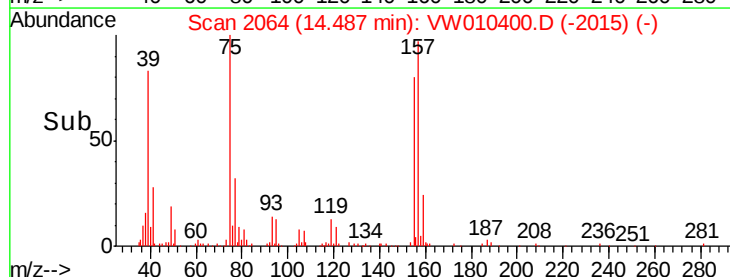
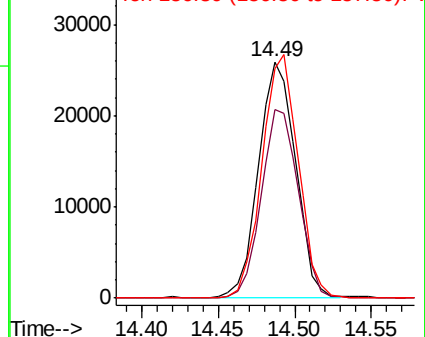
157 100.4 47.3 141.9

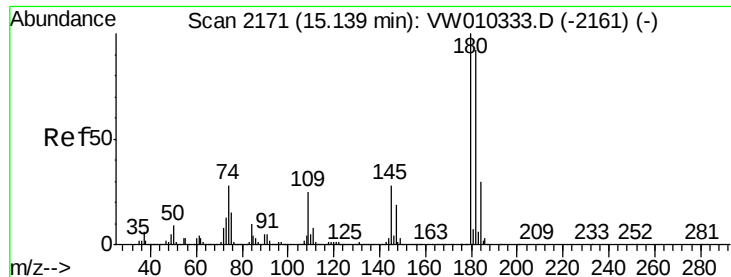


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

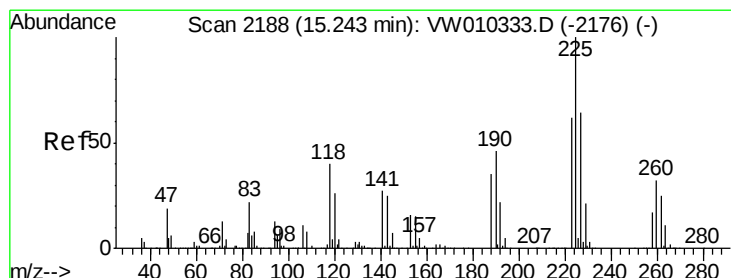
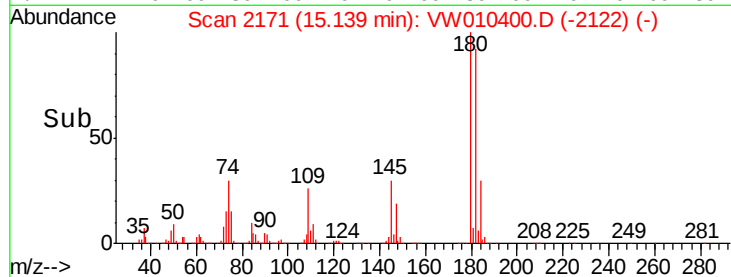
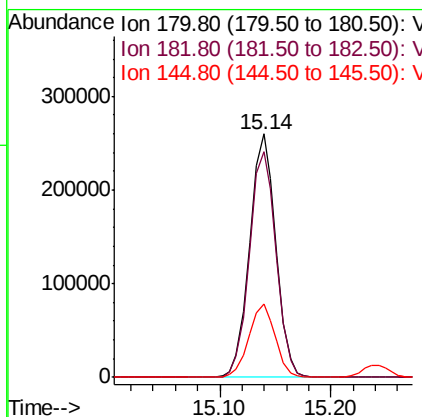
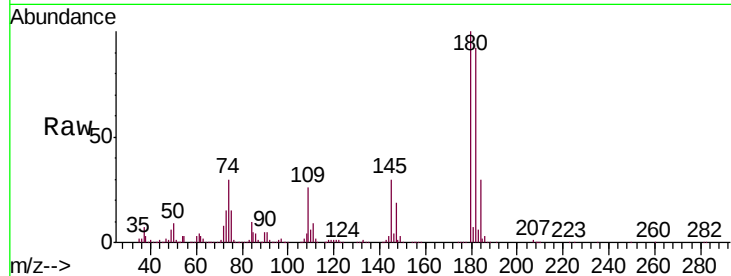




#93
 1,2,4-Trichlorobenzene
 Concen: 22.806 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

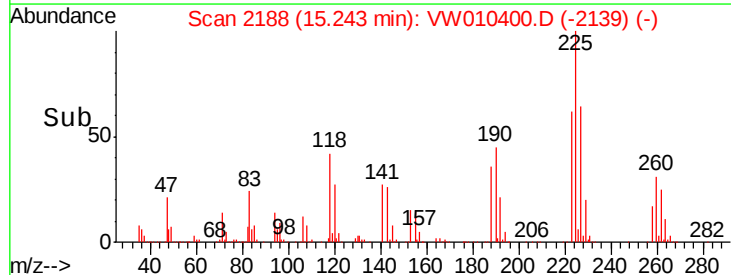
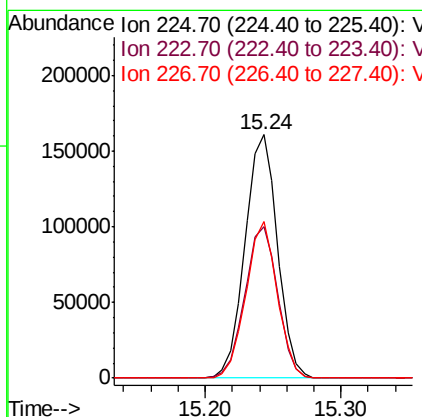
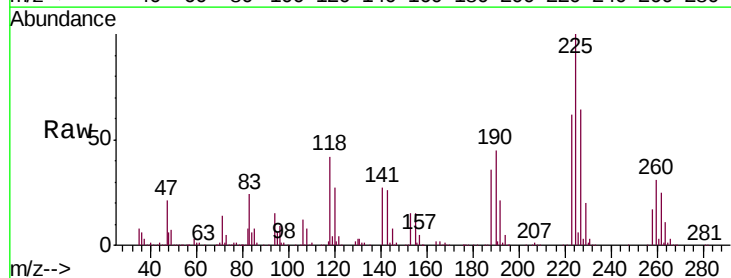
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBS01

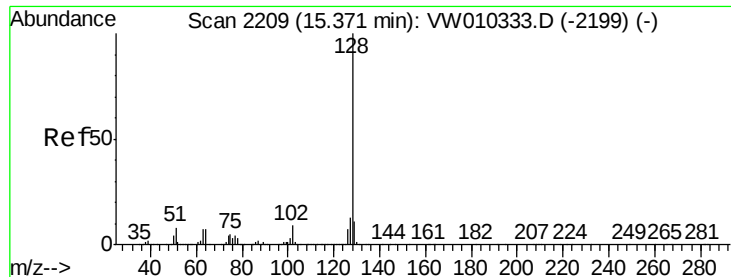
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.4
145	30.4	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 22.602 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010400.D
 Acq: 12 May 2019 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.5
227	61.8	31.8	95.3

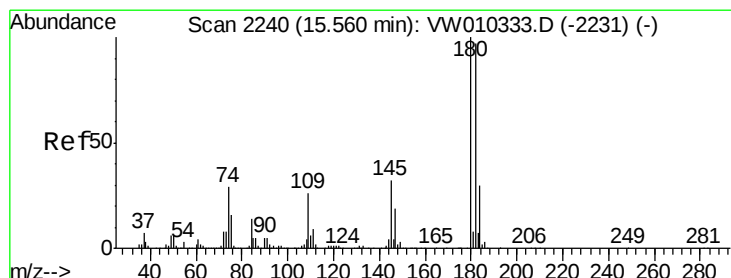
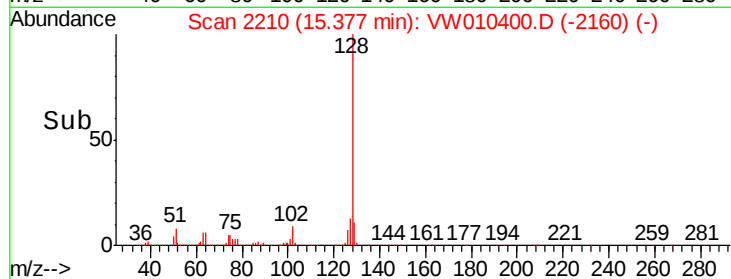
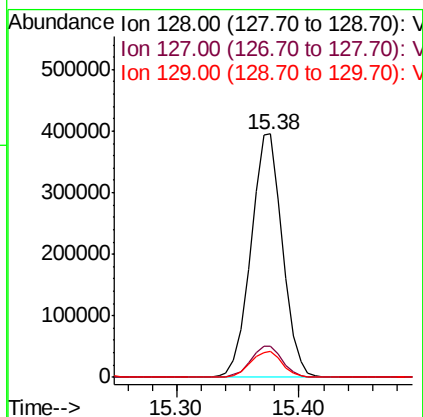
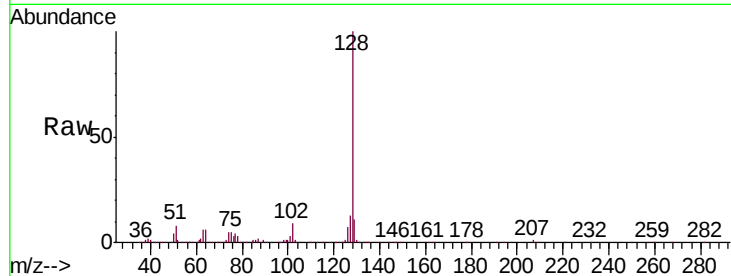




#95
Naphthalene
Concen: 19.082 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.640 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010400.D
Acq: 12 May 2019 11:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	32.1	16.4	49.2

