

Data File : VW012840.D
Acq On : 10 Sep 2019 00:11
Operator : SY/VA
Sample : VW0909SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Quant Time: Sep 10 07:06:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	131494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108016	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.88	113	86354	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.32	98	350041	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	122769	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	18343	17.063	ug/l	98
3) Chloromethane	2.21	50	25074	19.192	ug/l	94
4) Vinyl Chloride	2.36	62	31464	19.641	ug/l	100
5) Bromomethane	2.75	94	18180	20.899	ug/l	97
6) Chloroethane	2.90	64	18378	19.225	ug/l #	86
7) Trichlorofluoromethane	3.24	101	17969	16.255	ug/l	98
8) Diethyl Ether	3.68	74	20147	21.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31944	18.414	ug/l	95
10) Methyl Iodide	4.26	142	41489	18.998	ug/l	98
11) Tert butyl alcohol	5.19	59	18290	107.890	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	29860	18.234	ug/l	99
13) Acrolein	3.89	56	12537	69.690	ug/l	94
14) Allyl chloride	4.66	41	60113	17.745	ug/l	99
15) Acrylonitrile	5.37	53	54724	100.842	ug/l	98
16) Acetone	4.12	43	49509	81.963	ug/l	96
17) Carbon Disulfide	4.38	76	60786	17.487	ug/l	99
18) Methyl Acetate	4.67	43	35474	25.031	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	66679	20.531	ug/l	95
20) Methylene Chloride	4.91	84	39719	21.018	ug/l	85
21) trans-1,2-Dichloroethene	5.42	96	33084	19.799	ug/l	93
22) Diisopropyl ether	6.31	45	129830	19.323	ug/l	97
23) Vinyl Acetate	6.25	43	391998	92.059	ug/l	100
24) 1,1-Dichloroethane	6.21	63	68157	18.839	ug/l	98
25) 2-Butanone	7.17	43	75369	97.751	ug/l	94
26) 2,2-Dichloropropane	7.16	77	38244	16.737	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	39394	20.332	ug/l	94
28) Bromochloromethane	7.51	49	29932	18.018	ug/l #	91
29) Tetrahydrofuran	7.52	42	51983	106.568	ug/l	97
30) Chloroform	7.67	83	69405	19.358	ug/l	98
31) Cyclohexane	7.95	56	59673	18.322	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	55484	19.091	ug/l	97
36) 1,1-Dichloropropene	8.08	75	50040	18.761	ug/l	98
37) Ethyl Acetate	7.25	43	34716	20.417	ug/l	99
38) Carbon Tetrachloride	8.06	117	49258	18.734	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	57639	19.240	ug/l	97
40) Benzene	8.32	78	144682	19.550	ug/l	98
41) Methacrylonitrile	7.48	41	23310	22.458	ug/l	97
42) 1,2-Dichloroethane	8.40	62	51087	19.615	ug/l	97
43) Isopropyl Acetate	8.42	43	63626	19.751	ug/l	97
44) Trichloroethene	9.09	130	38920	20.402	ug/l	85
45) 1,2-Dichloropropane	9.37	63	39597	19.292	ug/l	99
46) Dibromomethane	9.46	93	19092	19.643	ug/l	94
47) Bromodichloromethane	9.64	83	49739	18.601	ug/l	99
48) Methyl methacrylate	9.44	41	29402	19.099	ug/l	99
49) 1,4-Dioxane	9.46	88	8052	419.399	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	168820	99.873	ug/l	99
52) Toluene	10.38	92	90823	19.663	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	50163	18.243	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	58571	18.777	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30401	20.892	ug/l	93
56) Ethyl methacrylate	10.65	69	43217	20.289	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54312	20.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	113526	100.395	ug/l	97
59) 2-Hexanone	10.97	43	116479	94.320	ug/l	98
60) Dibromochloromethane	11.13	129	33227	19.416	ug/l	100
61) 1,2-Dibromoethane	11.23	107	28029	21.010	ug/l	99
64) Tetrachloroethene	10.86	164	34466	21.463	ug/l	95
65) Chlorobenzene	11.66	112	96386	19.270	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	37009	19.868	ug/l	99
67) Ethyl Benzene	11.73	91	180466	19.230	ug/l	99
68) m/p-Xylenes	11.83	106	131547	38.833	ug/l	99
69) o-Xylene	12.16	106	63941	20.008	ug/l	93
70) Styrene	12.18	104	112015	19.835	ug/l	98
71) Bromoform	12.35	173	20924	20.218	ug/l #	98
73) Isopropylbenzene	12.46	105	181943	19.292	ug/l	99
74) N-amyl acetate	12.27	43	54351	18.156	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	36612	19.330	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	48794	36.289	ug/l #	100
77) Bromobenzene	12.74	156	42063	19.686	ug/l	95
78) n-propylbenzene	12.80	91	209237	18.550	ug/l	99
79) 2-Chlorotoluene	12.89	91	123303	19.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	152713	19.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10943	17.214	ug/l	96
82) 4-Chlorotoluene	12.99	91	126102	18.411	ug/l	97
83) tert-Butylbenzene	13.21	119	133668	19.023	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	151116	18.871	ug/l	100
85) sec-Butylbenzene	13.38	105	181873	18.652	ug/l	100
86) p-Isopropyltoluene	13.50	119	165004	18.526	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	81348	19.370	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	79731	19.079	ug/l	99
89) n-Butylbenzene	13.82	91	151443	17.515	ug/l	99
90) Hexachloroethane	14.09	117	28638	18.419	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	73356	19.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6446	18.597	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Quantitation Report (Not Reviewed)

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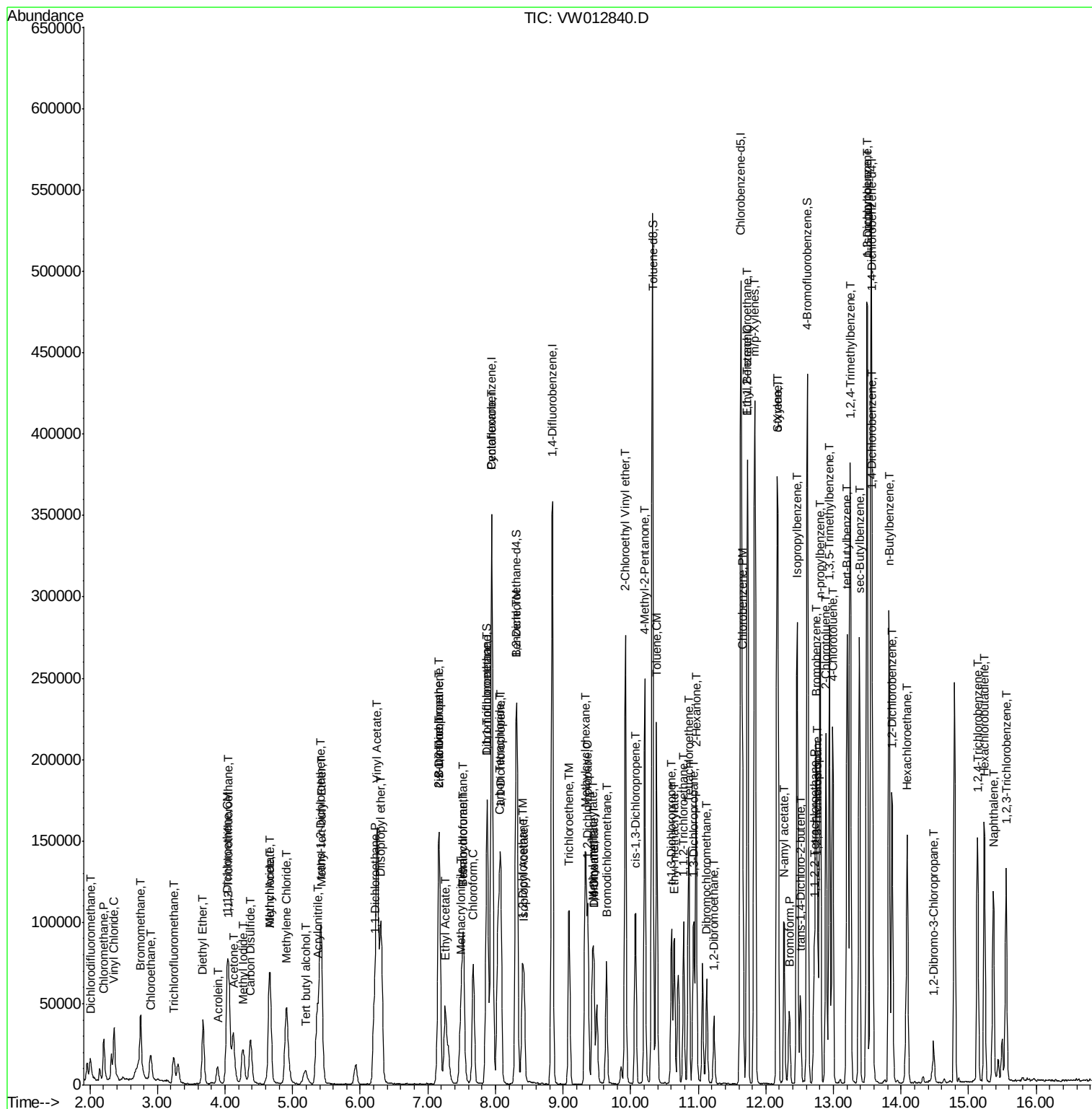
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	50179	19.066	ug/l	98
94) Hexachlorobutadiene	15.24	225	33823	18.567	ug/l	98
95) Naphthalene	15.36	128	99750	20.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	45823	19.725	ug/l	100

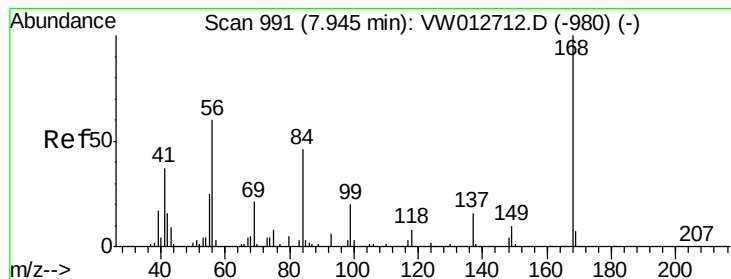
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

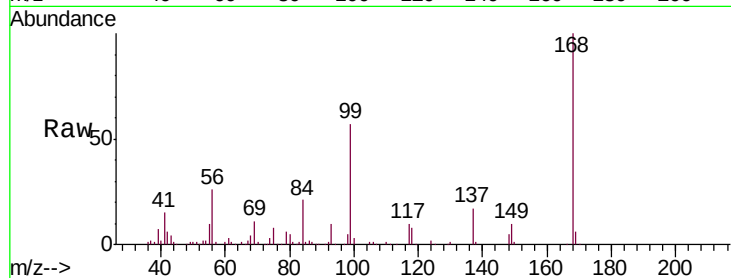
VW0909SBS02

Tgt Ion:168 Resp: 198303

Ion Ratio Lower Upper

168 100

99 56.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

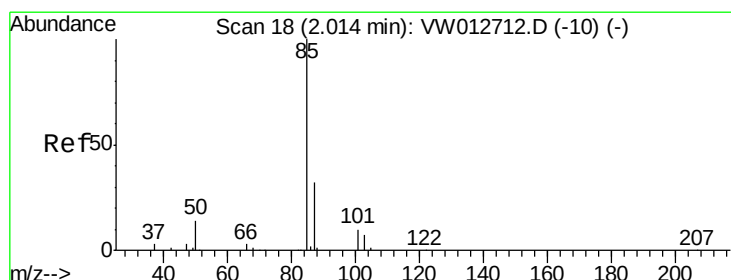
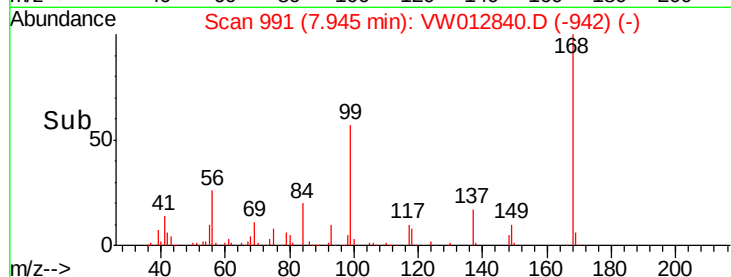
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.063 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012840.D

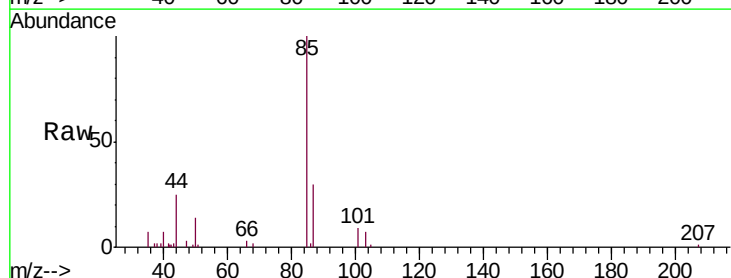
Acq: 10 Sep 2019 00:11

Tgt Ion: 85 Resp: 18343

Ion Ratio Lower Upper

85 100

87 30.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

1.90

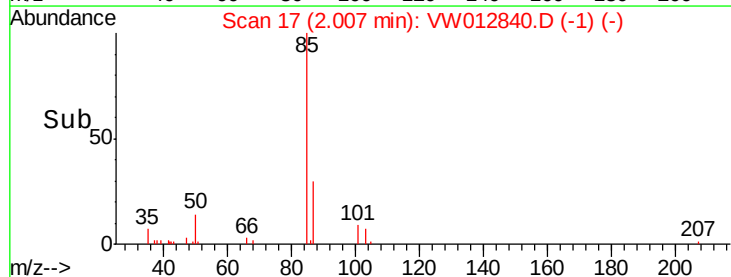
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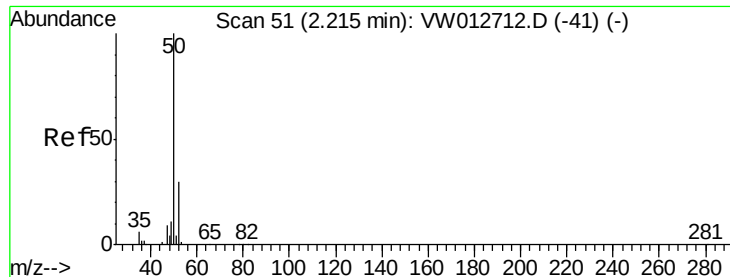
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 19.192 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

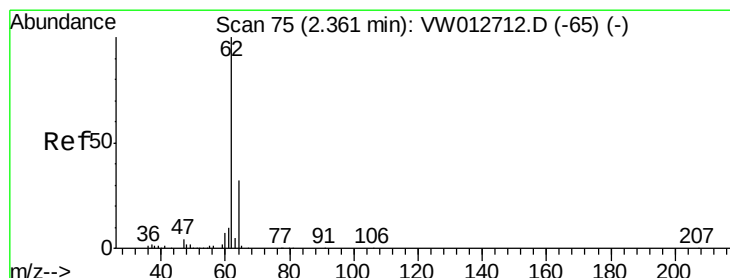
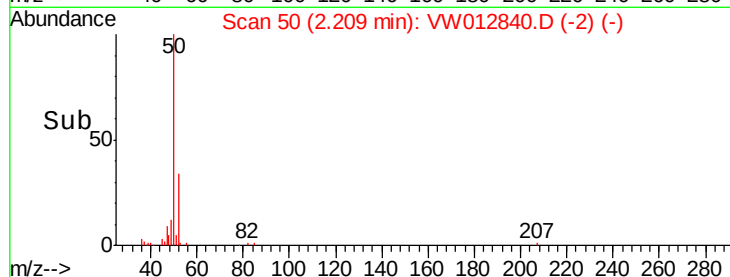
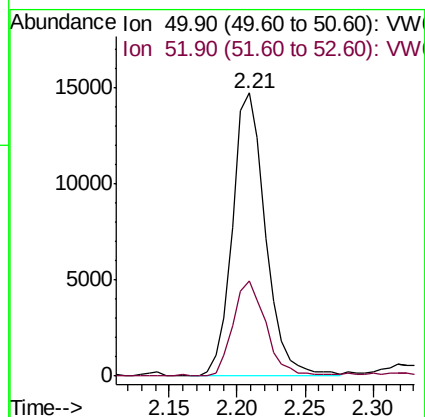
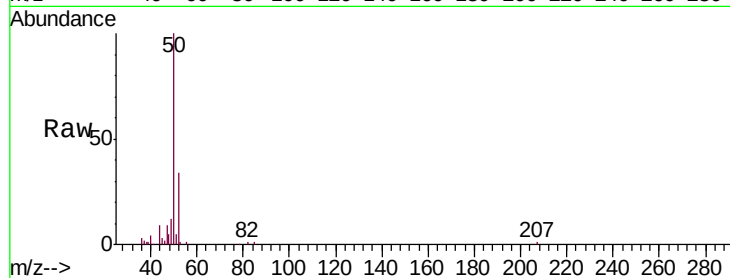
VW0909SBS02

Tgt Ion: 50 Resp: 25074

Ion Ratio Lower Upper

50 100

52 33.5 24.2 36.2



#4

Vinyl Chloride

Concen: 19.641 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012840.D

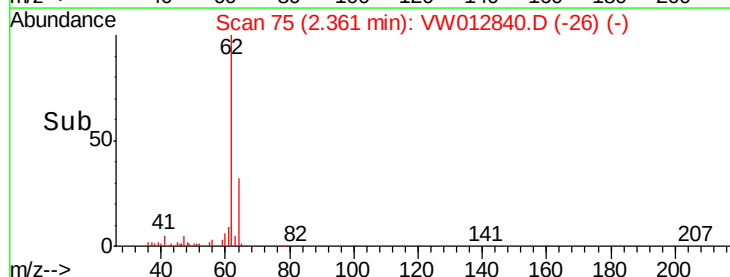
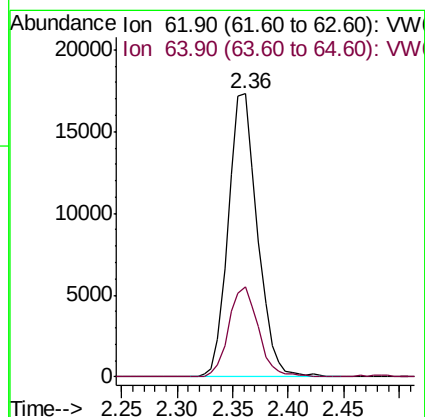
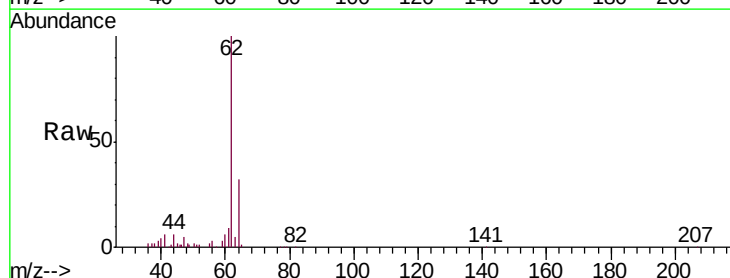
Acq: 10 Sep 2019 00:11

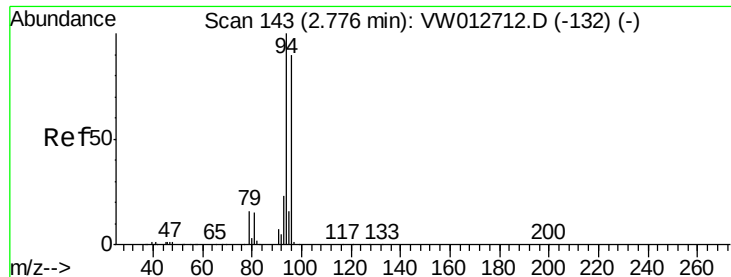
Tgt Ion: 62 Resp: 31464

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 20.899 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

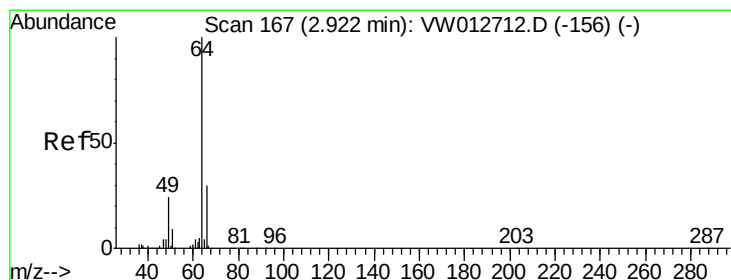
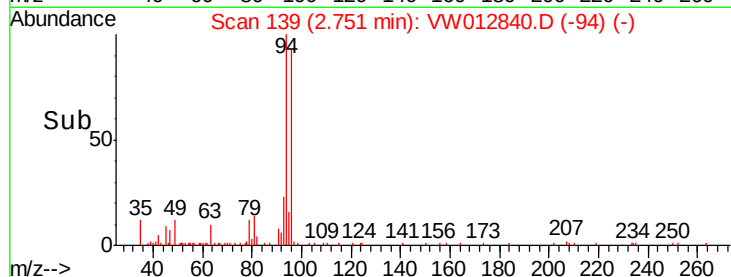
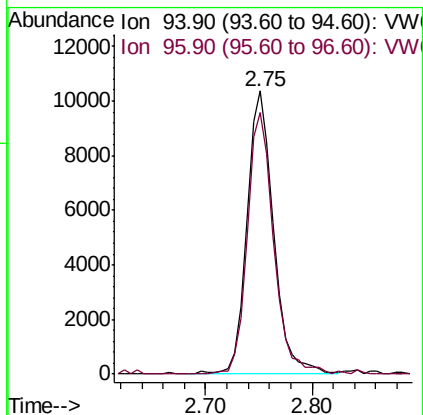
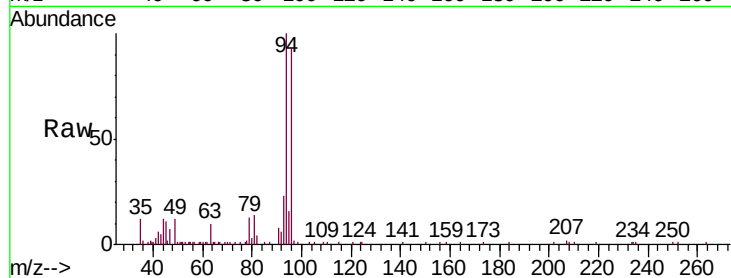
VW0909SBS02

Tgt Ion: 94 Resp: 18180

Ion Ratio Lower Upper

94 100

96 92.6 72.1 108.1



#6

Chloroethane

Concen: 19.225 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

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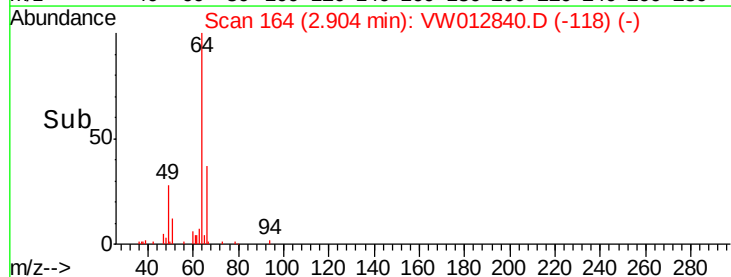
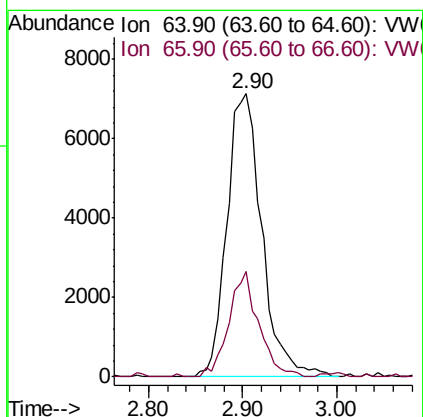
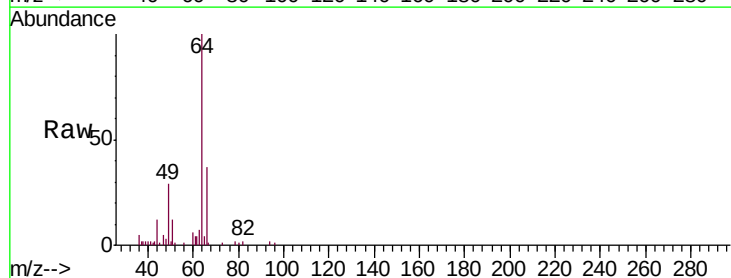
Acq: 10 Sep 2019 00:11

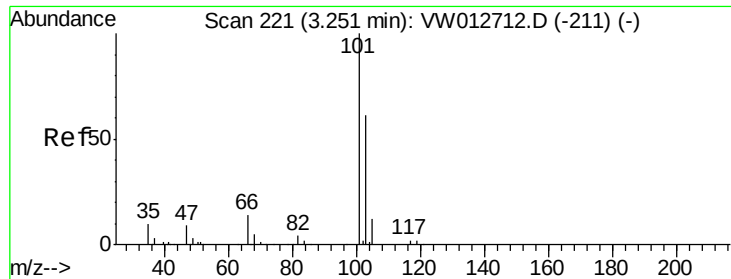
Tgt Ion: 64 Resp: 18378

Ion Ratio Lower Upper

64 100

66 37.5 23.8 35.6#



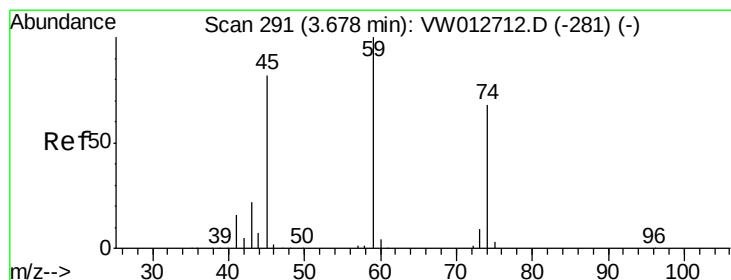
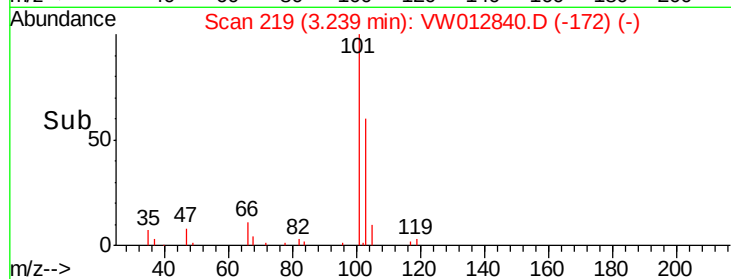
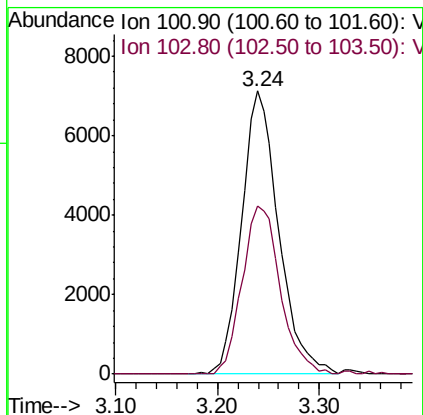
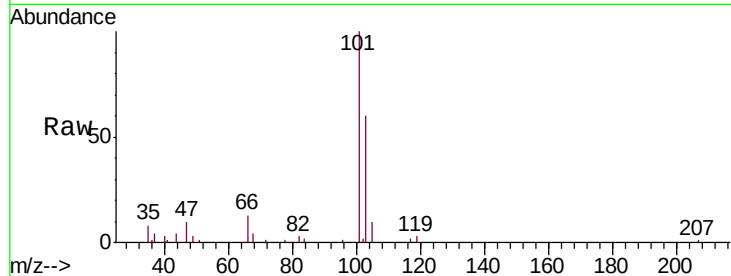


#7

Trichlorofluoromethane
 Concen: 16.255 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
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Instrument :
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 ClientSampleId :
 VW0909SBS02

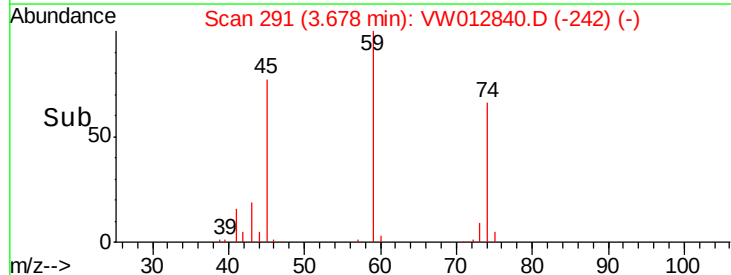
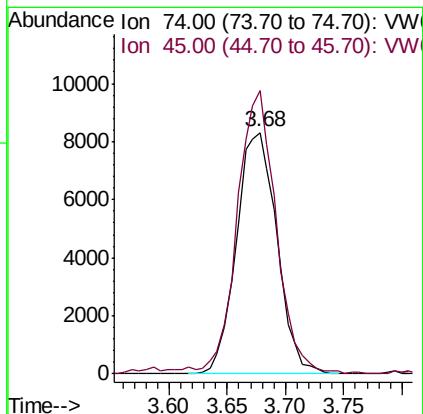
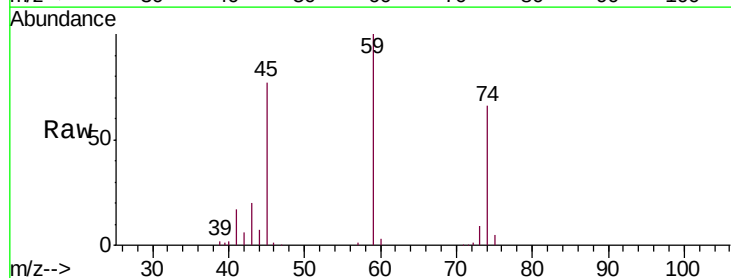
Tgt Ion:101 Resp: 17969
 Ion Ratio Lower Upper
 101 100
 103 59.6 49.0 73.4

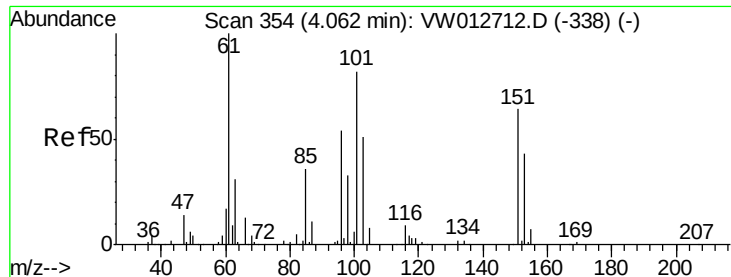


#8

Diethyl Ether
 Concen: 21.684 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 74 Resp: 20147
 Ion Ratio Lower Upper
 74 100
 45 113.8 58.8 176.4

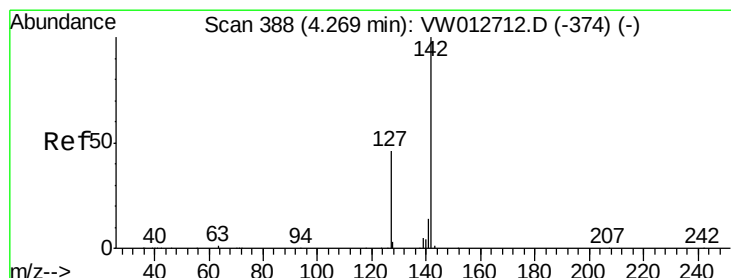
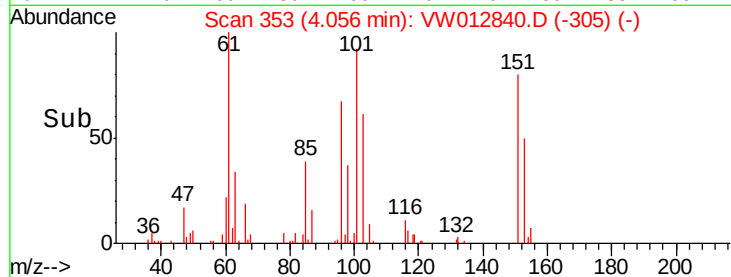
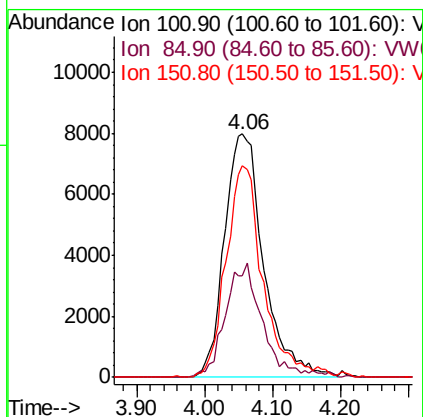
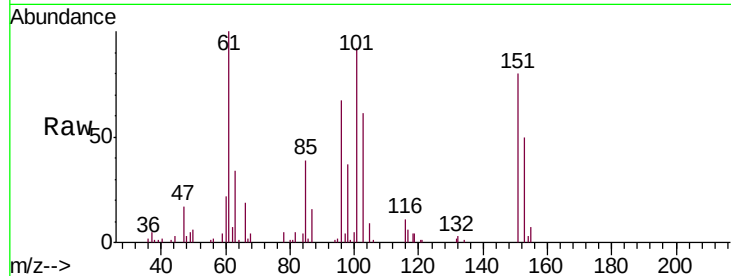




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.414 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VW012840.D
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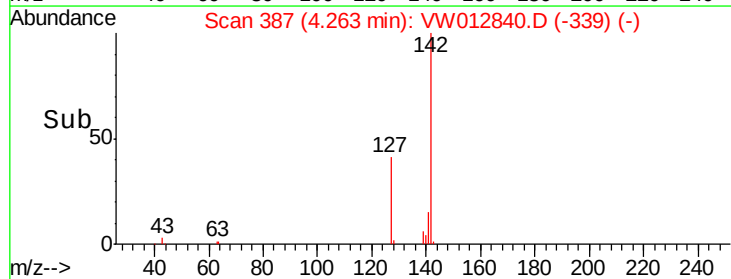
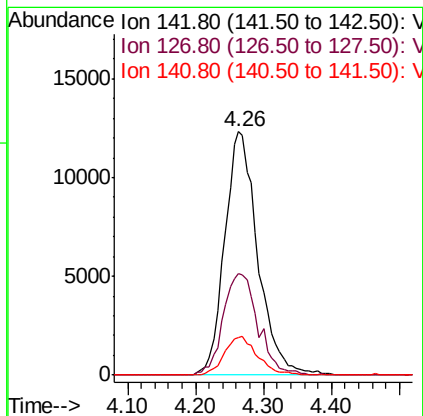
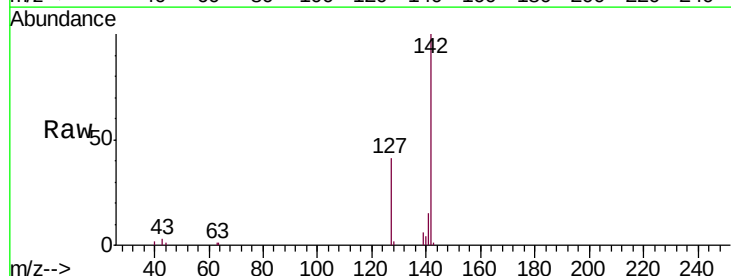
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0909SBS02

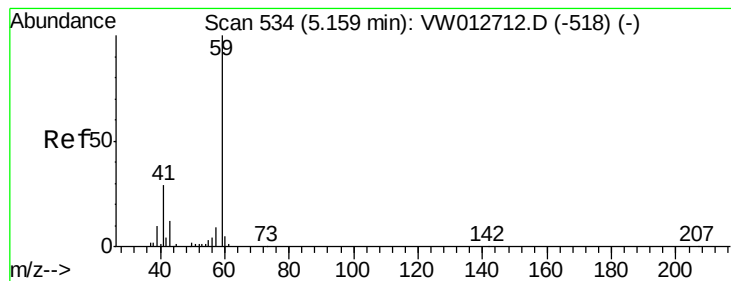
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.3	36.2	54.2
151	82.2	61.9	92.9



#10
 Methyl Iodide
 Concen: 18.998 ug/l
 RT: 4.26 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.8	36.0	54.0
141	15.8	12.2	18.4





#11

Tert butyl alcohol

Concen: 107.890 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.03 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

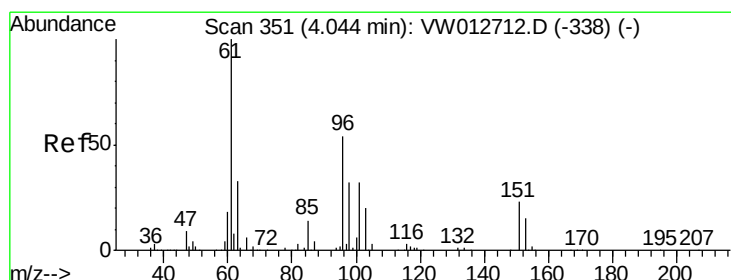
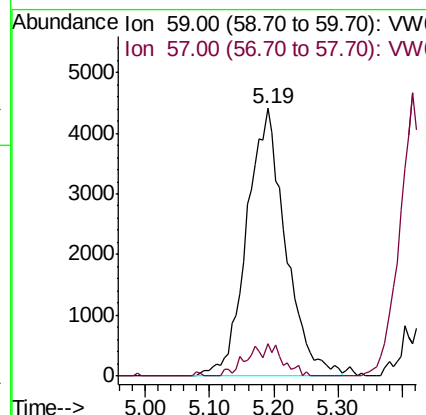
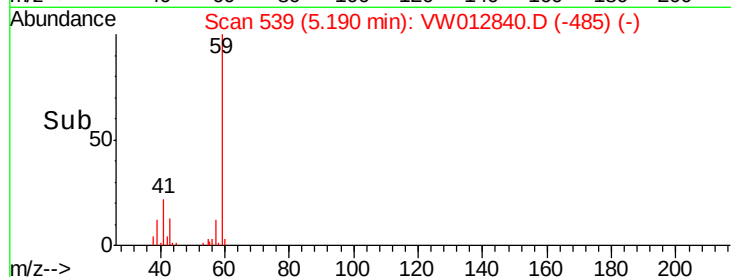
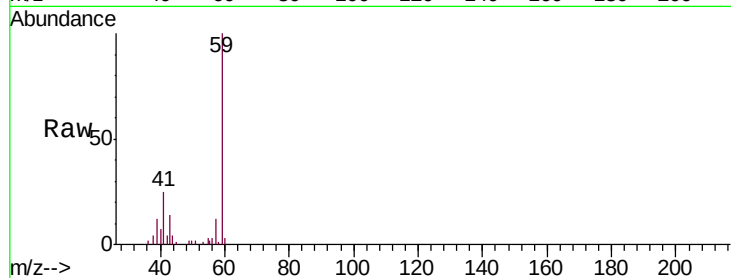
VW0909SBS02

Tgt Ion: 59 Resp: 18290

Ion Ratio Lower Upper

59 100

57 5.3 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 18.234 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

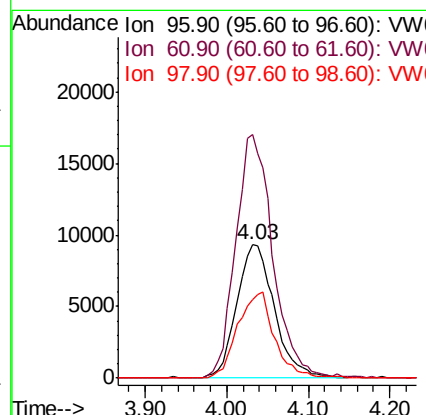
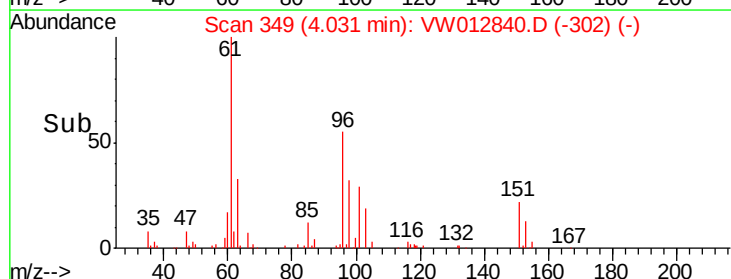
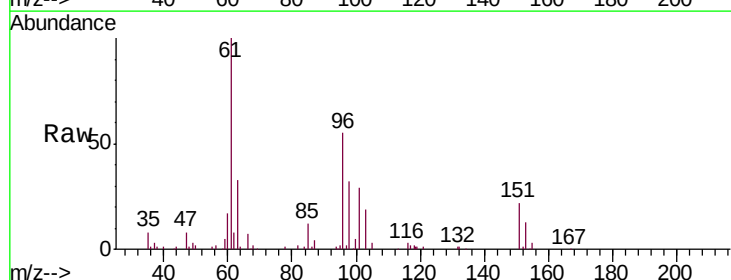
Tgt Ion: 96 Resp: 29860

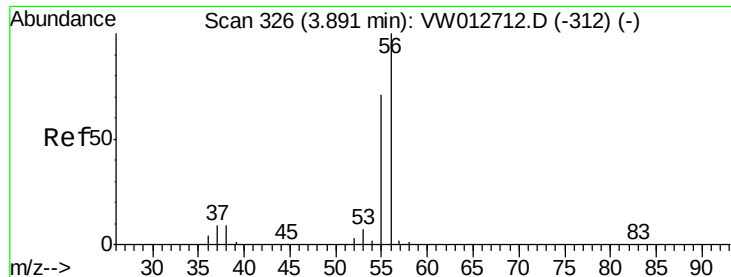
Ion Ratio Lower Upper

96 100

61 182.7 147.8 221.6

98 59.2 47.9 71.9





#13

Acrolein

Concen: 69.690 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

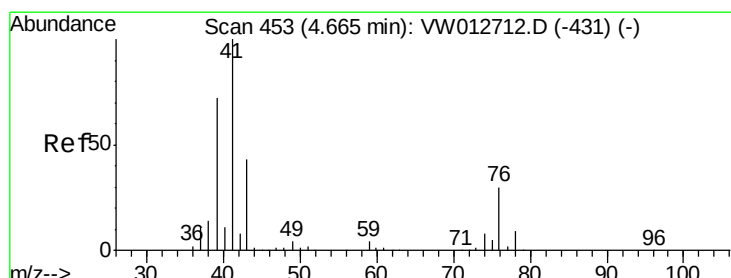
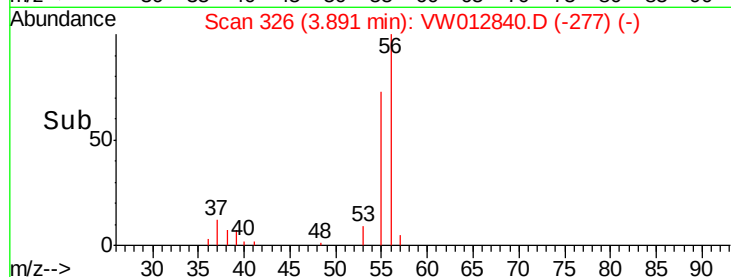
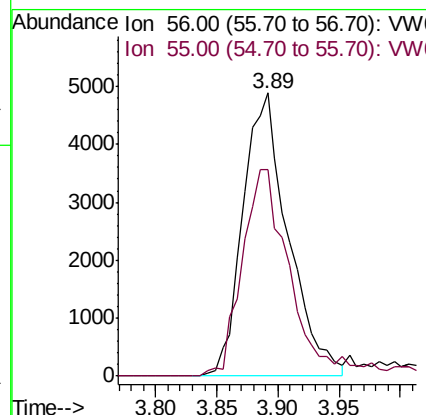
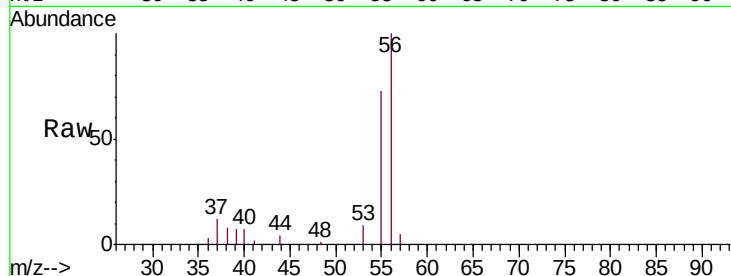
VW0909SBS02

Tgt Ion: 56 Resp: 12537

Ion Ratio Lower Upper

56 100

55 76.1 56.9 85.3



#14

Allyl chloride

Concen: 17.745 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

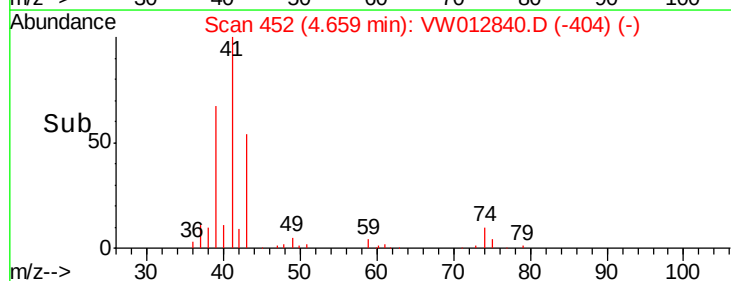
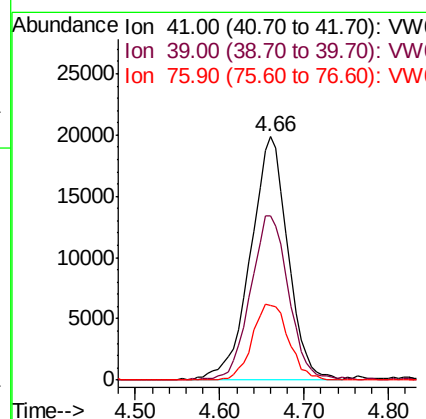
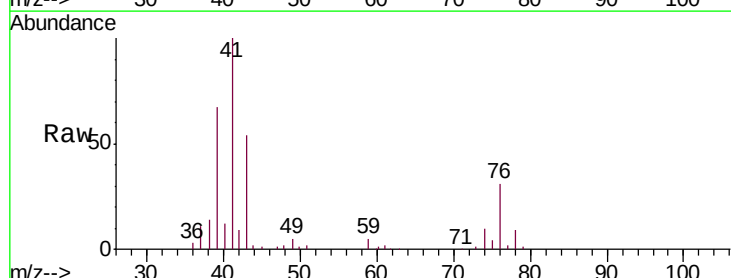
Tgt Ion: 41 Resp: 60113

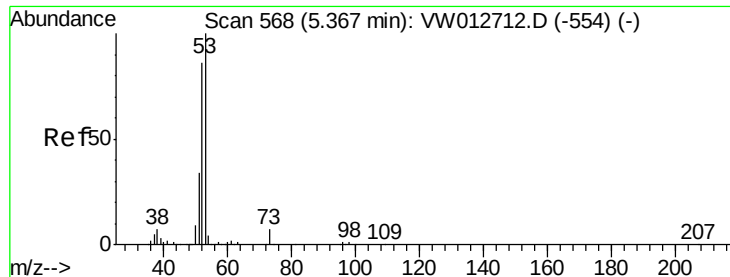
Ion Ratio Lower Upper

41 100

39 68.8 55.0 82.6

76 30.2 23.0 34.4





#15

Acrylonitrile

Concen: 100.842 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

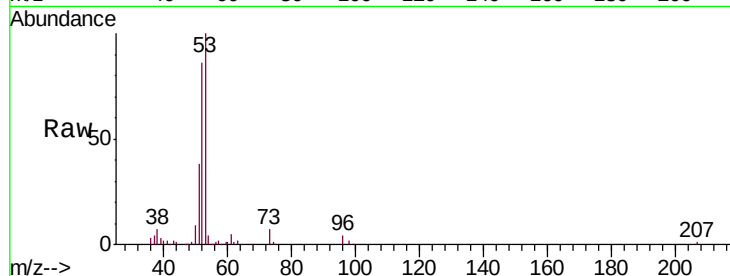
Tgt Ion: 53 Resp: 54724

Ion Ratio Lower Upper

53 100

52 85.7 67.0 100.4

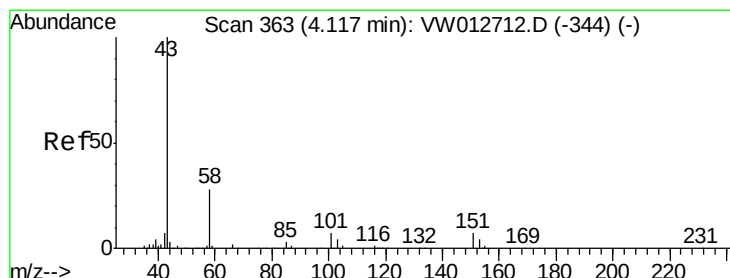
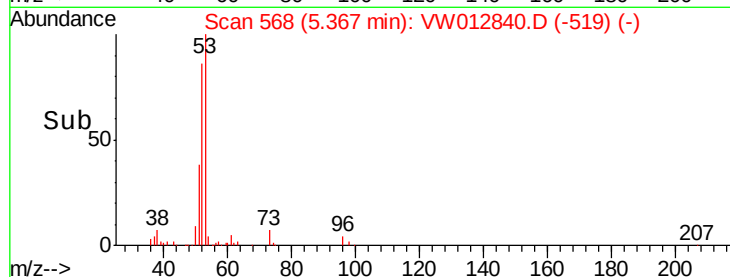
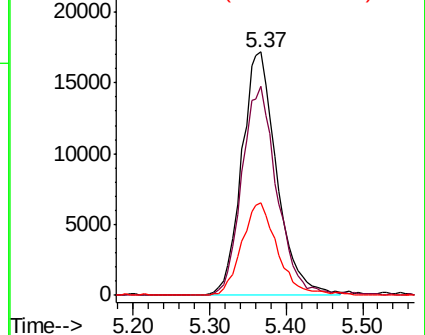
51 39.0 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 81.963 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012840.D

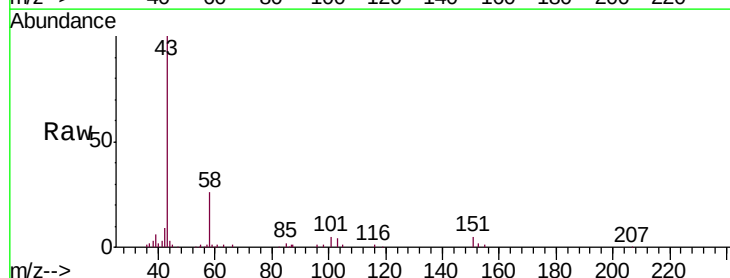
Acq: 10 Sep 2019 00:11

Tgt Ion: 43 Resp: 49509

Ion Ratio Lower Upper

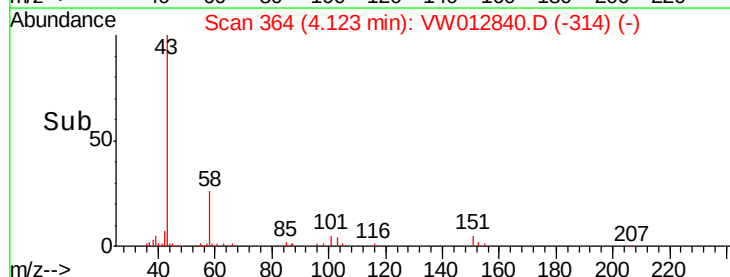
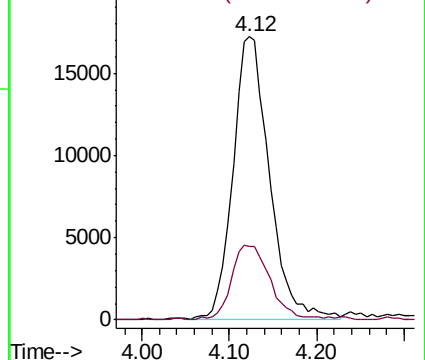
43 100

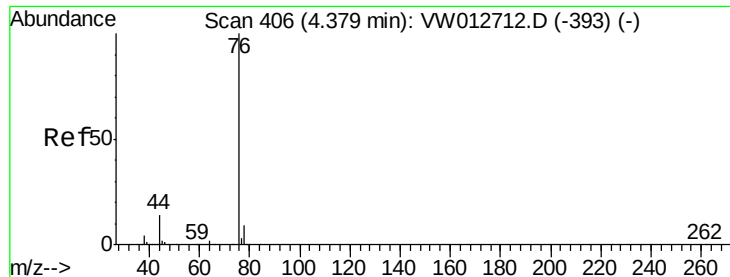
58 26.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 17.487 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

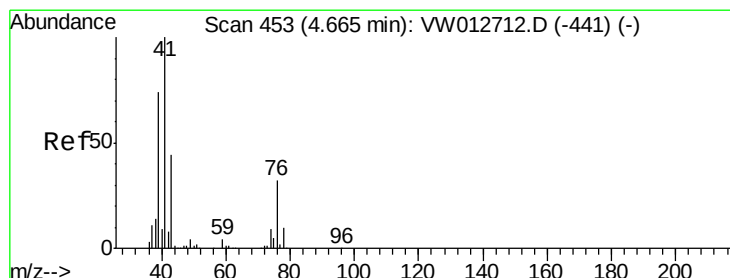
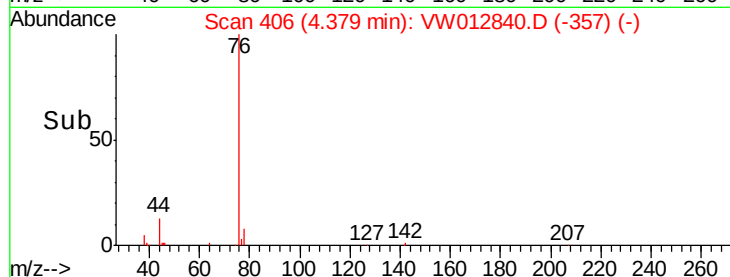
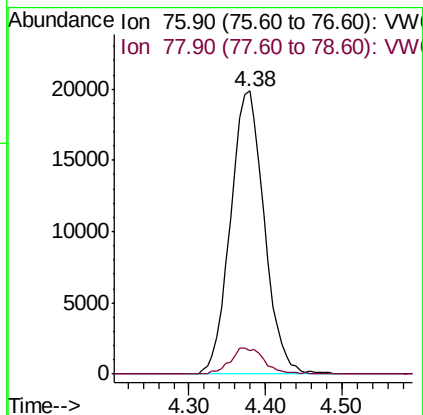
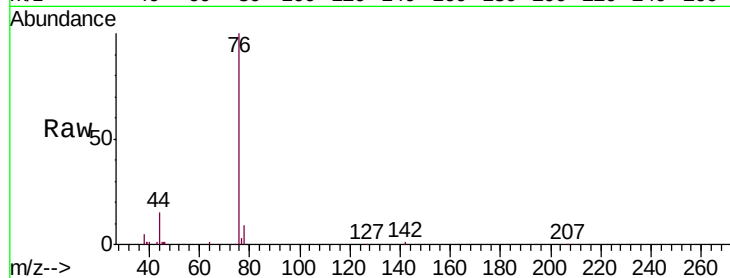
VW0909SBS02

Tgt Ion: 76 Resp: 60786

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



#18

Methyl Acetate

Concen: 25.031 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012840.D

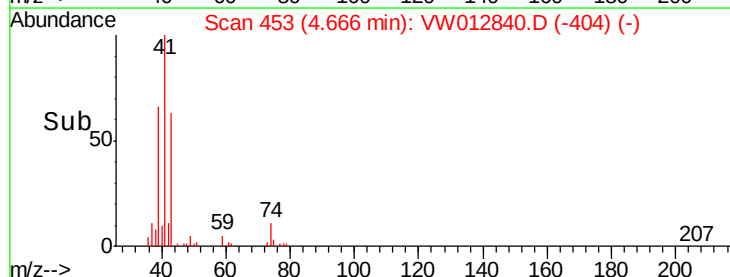
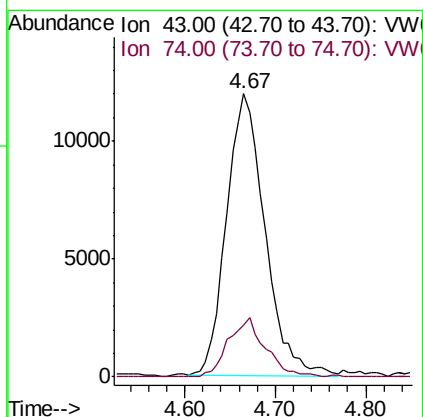
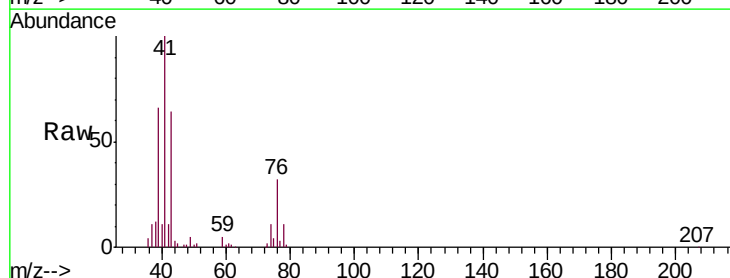
Acq: 10 Sep 2019 00:11

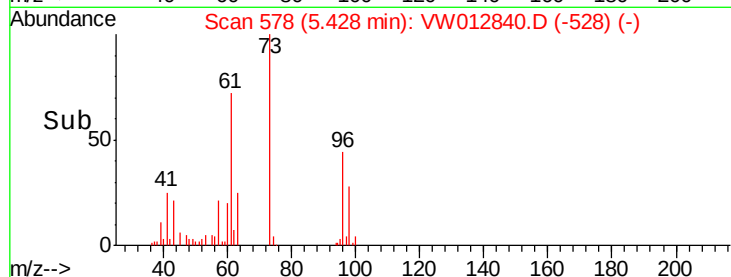
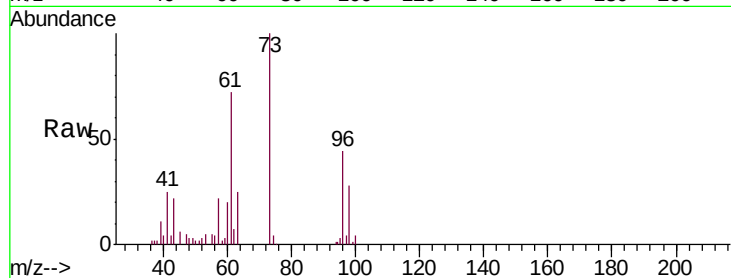
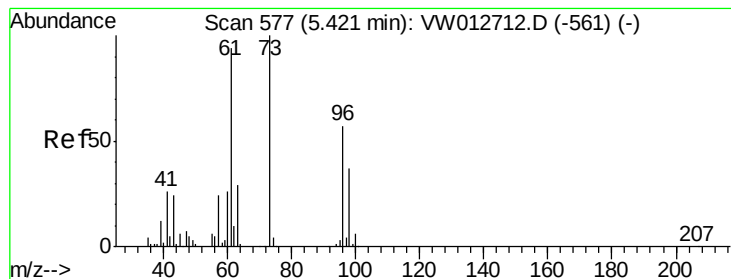
Tgt Ion: 43 Resp: 35474

Ion Ratio Lower Upper

43 100

74 20.0 15.8 23.6



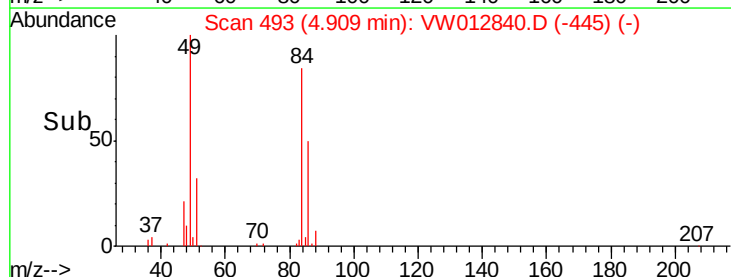
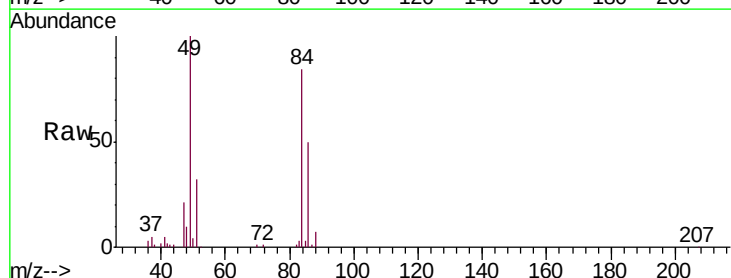
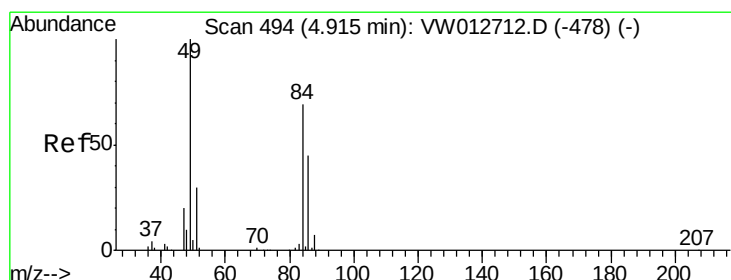
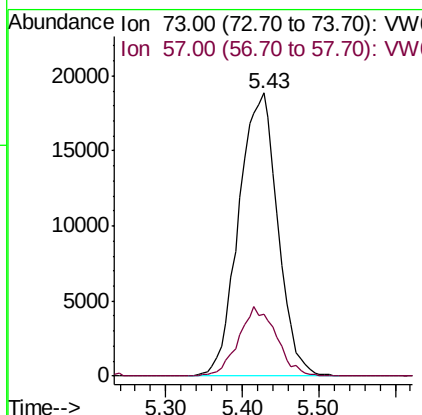


#19

Methyl tert-butyl Ether
Concen: 20.531 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

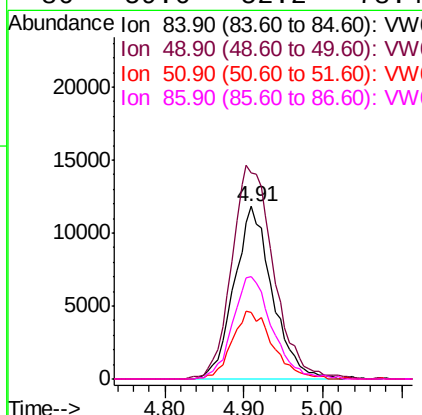
Tgt Ion: 73 Resp: 66679
Ion Ratio Lower Upper
73 100
57 21.7 19.2 28.8

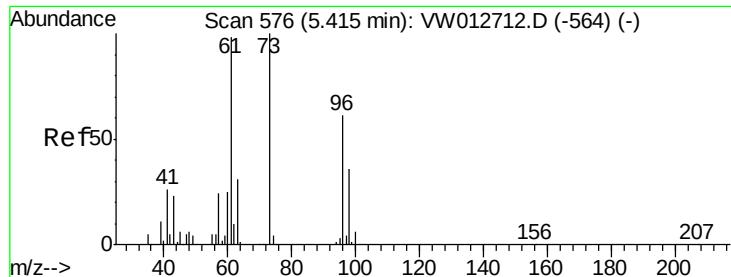


#20

Methylene Chloride
Concen: 21.018 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 84 Resp: 39719
Ion Ratio Lower Upper
84 100
49 118.9 115.4 173.0
51 38.4 34.9 52.3
86 59.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.799 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

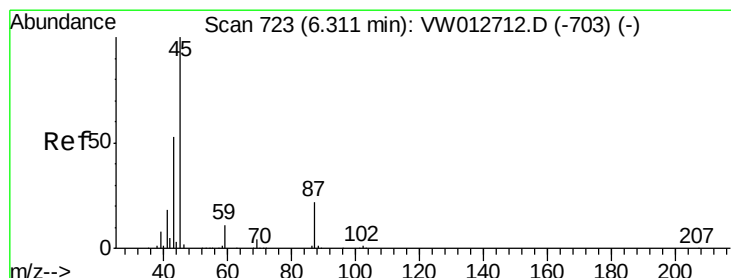
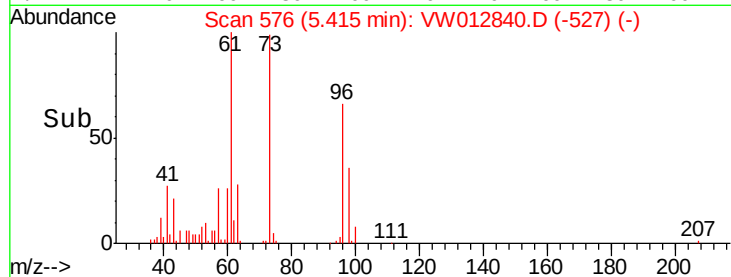
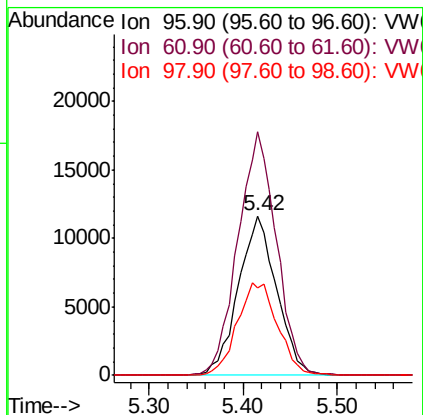
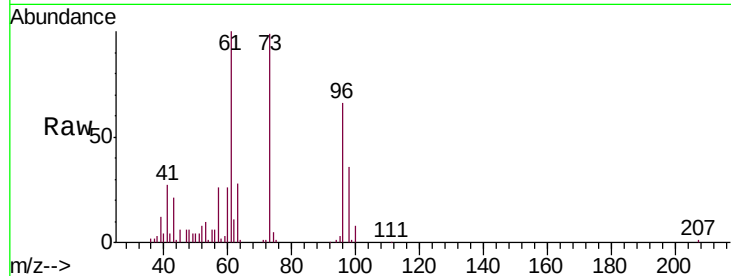
Tgt Ion: 96 Resp: 33084

Ion Ratio Lower Upper

96 100

61 152.5 129.2 193.8

98 55.1 48.0 72.0



#22

Diisopropyl ether

Concen: 19.323 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion: 45 Resp: 129830

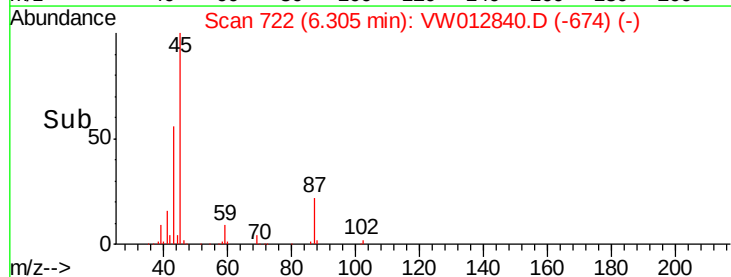
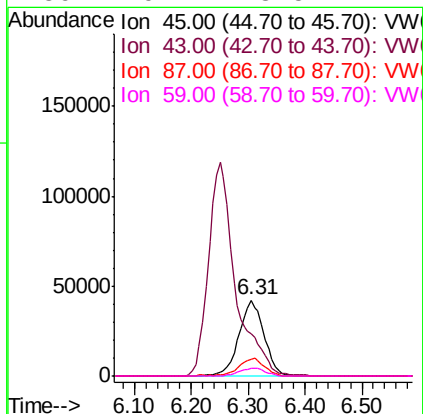
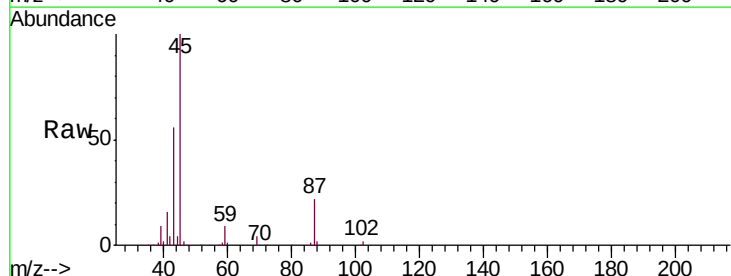
Ion Ratio Lower Upper

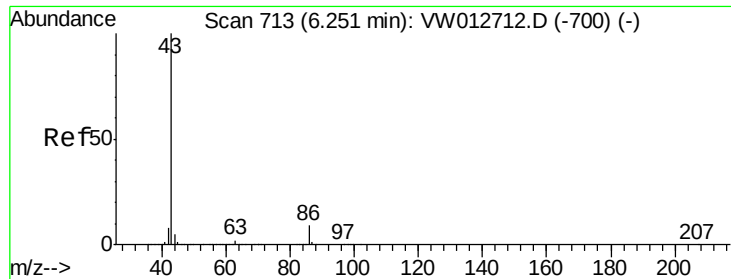
45 100

43 55.7 42.3 63.5

87 21.6 18.2 27.2

59 9.4 8.5 12.7

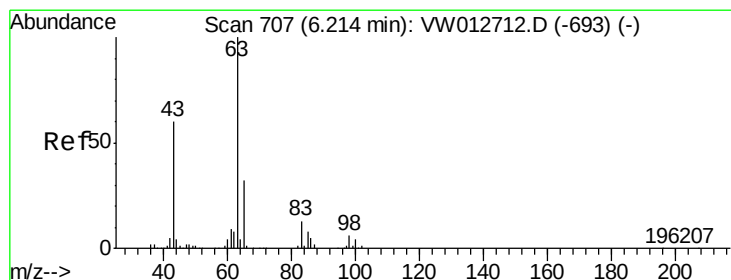
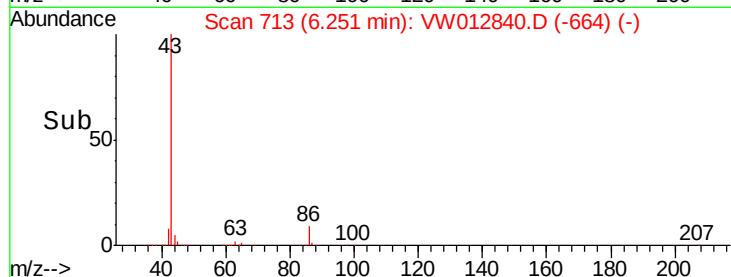
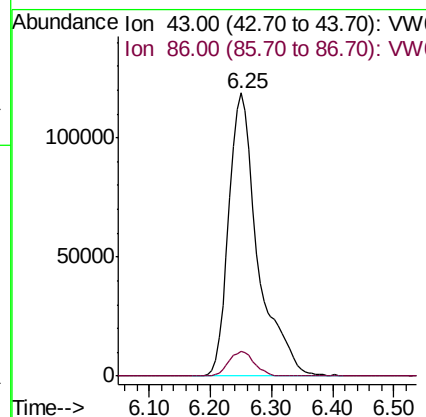
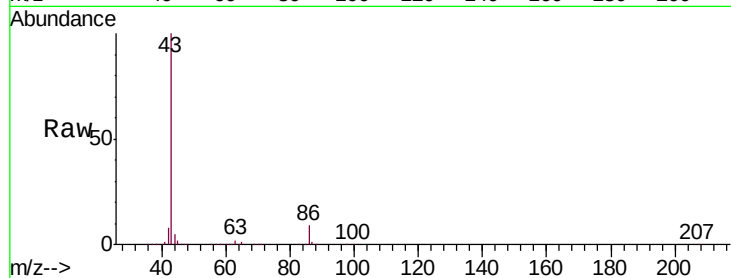




#23
 Vinyl Acetate
 Concen: 92.059 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

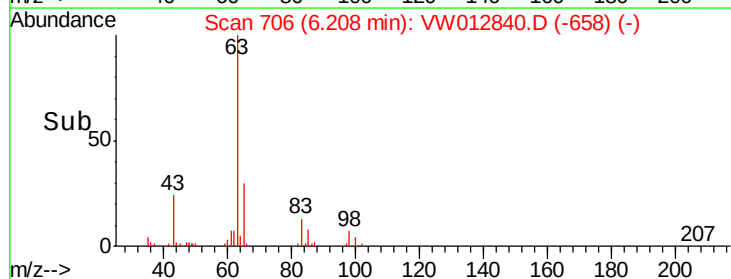
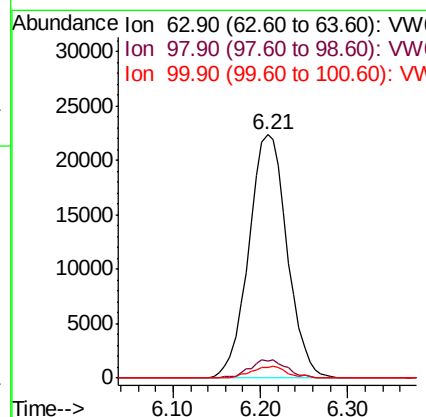
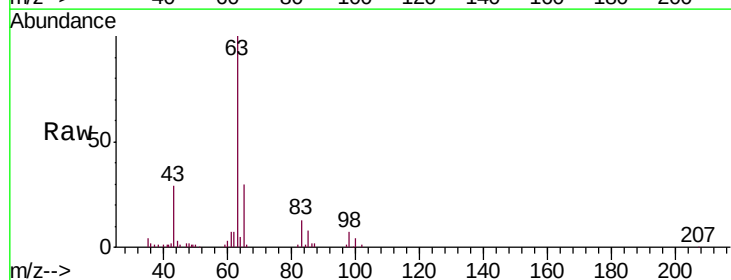
Instrument :
 MSVOA_W
 ClientSampled :
 VW0909SBS02

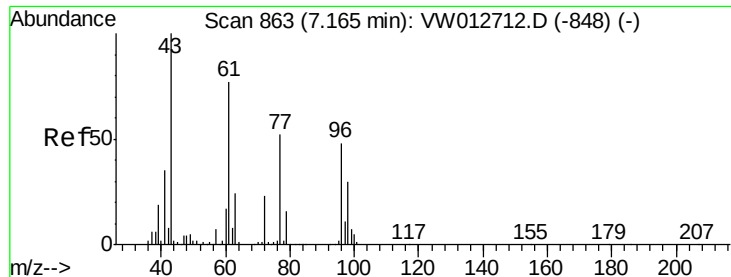
Tgt Ion: 43 Resp: 391998
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 18.839 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 63 Resp: 68157
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.3
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 97.751 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

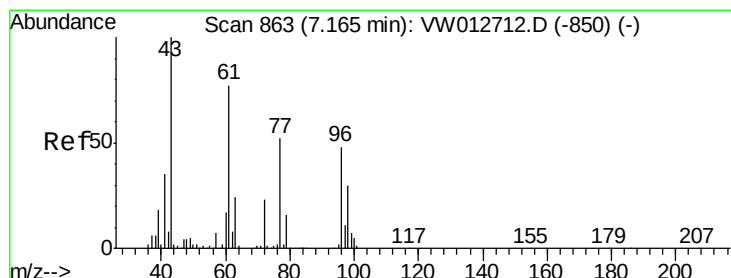
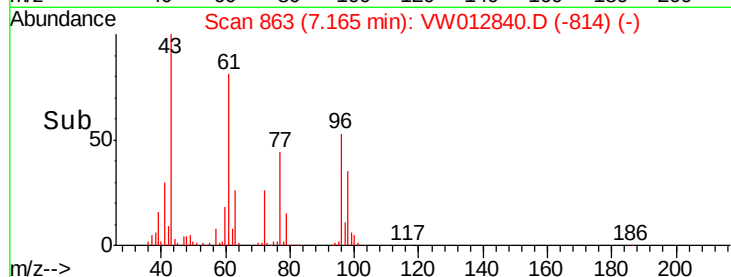
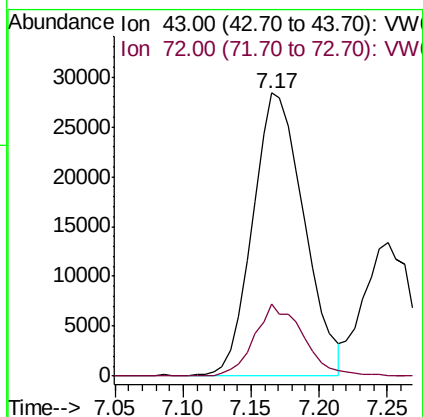
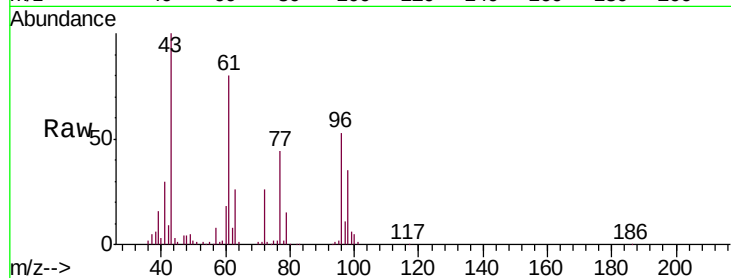
VW0909SBS02

Tgt Ion: 43 Resp: 75369

Ion Ratio Lower Upper

43 100

72 25.6 18.0 27.0



#26

2,2-Dichloropropane

Concen: 16.737 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012840.D

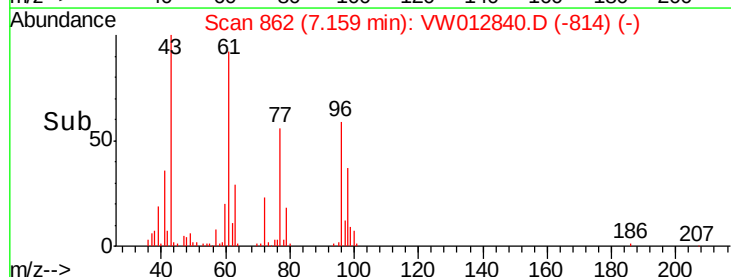
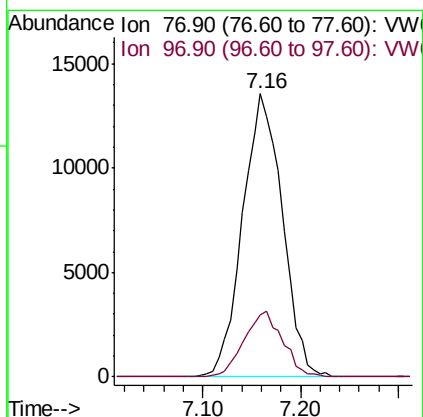
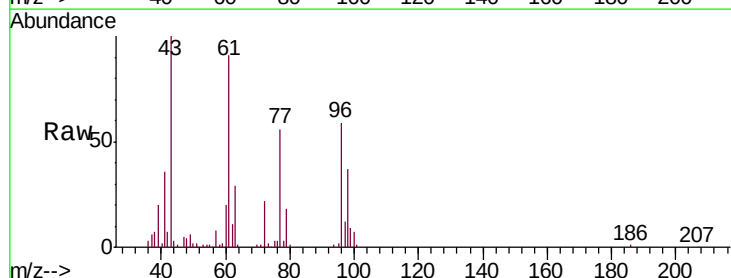
Acq: 10 Sep 2019 00:11

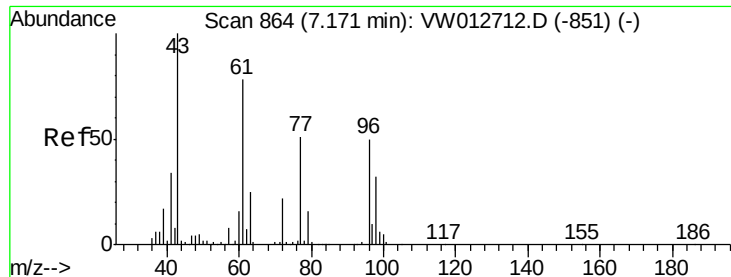
Tgt Ion: 77 Resp: 38244

Ion Ratio Lower Upper

77 100

97 22.5 10.7 32.1

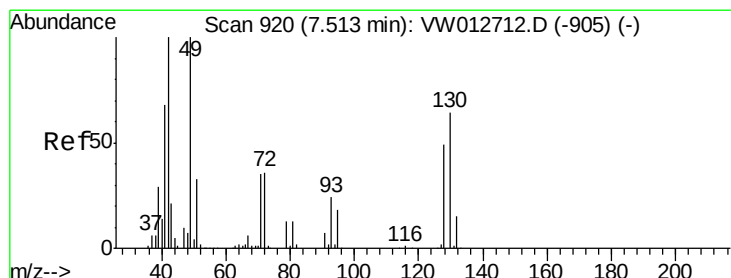
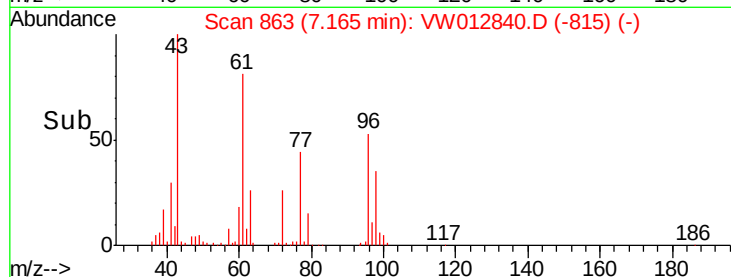
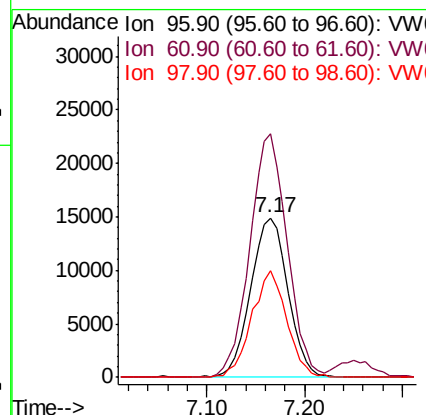
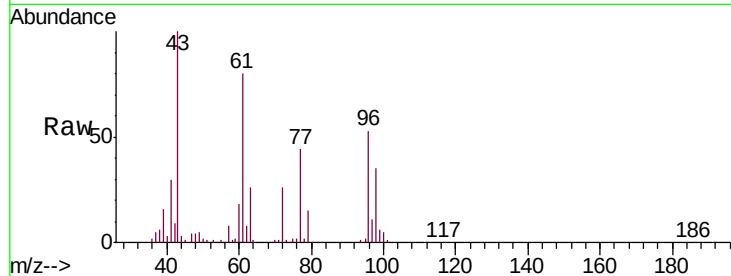




#27
 cis-1,2-Dichloroethene
 Concen: 20.332 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

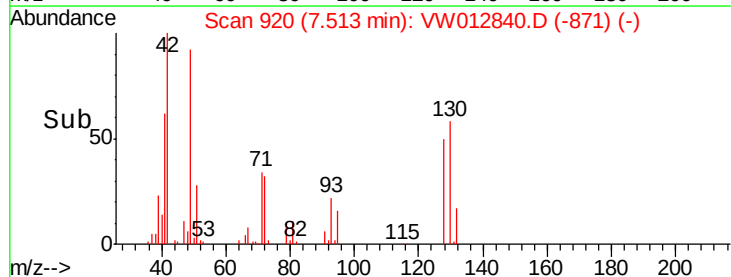
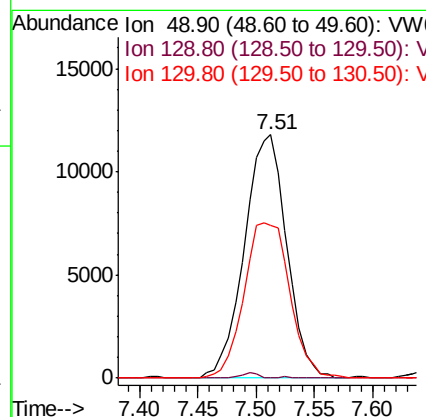
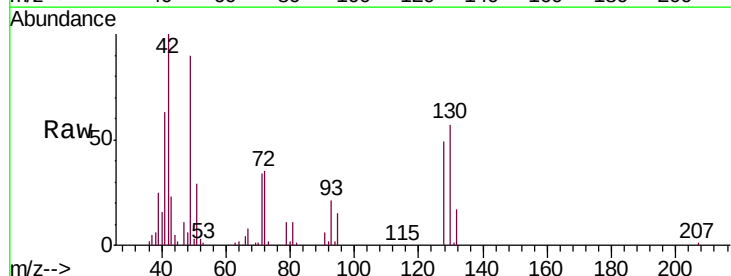
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

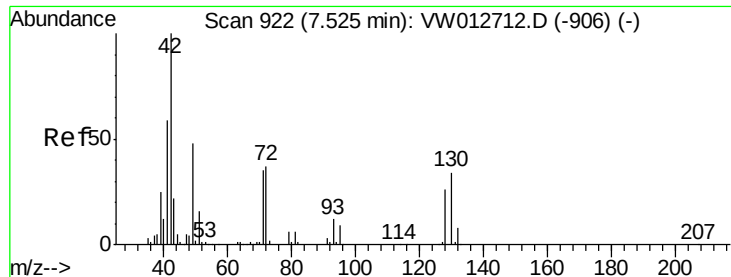
Tgt Ion: 96 Resp: 39394
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 325.8
 98 62.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.018 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 49 Resp: 29932
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 0.8#
 130 69.2 49.8 74.8

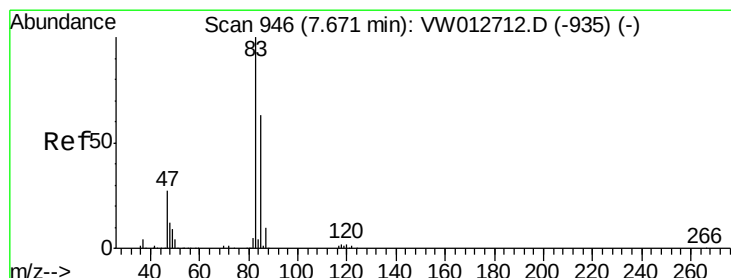
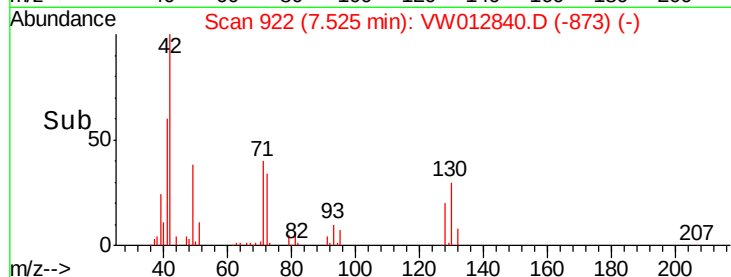
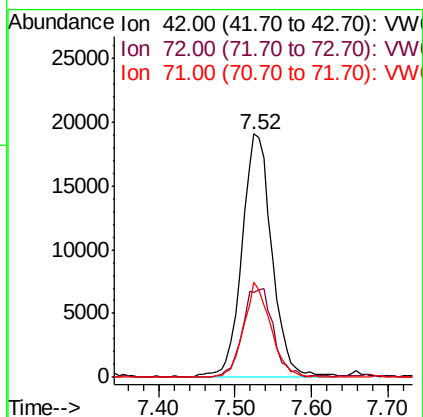
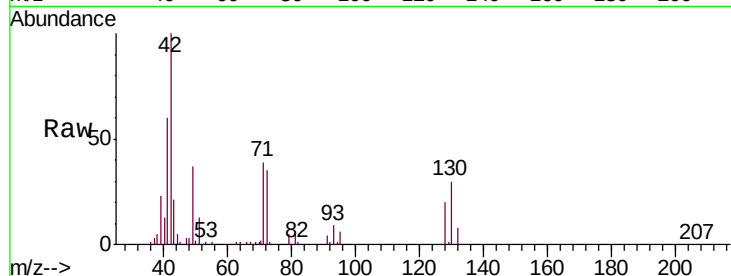




#29
Tetrahydrofuran
Concen: 106.568 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

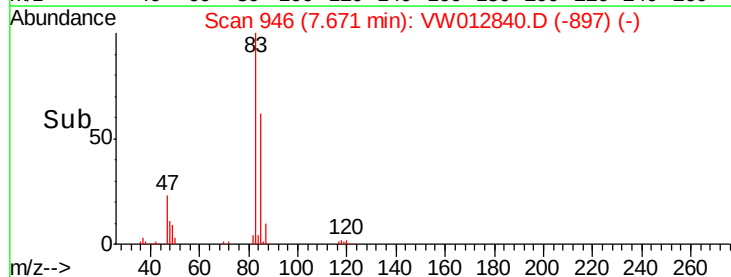
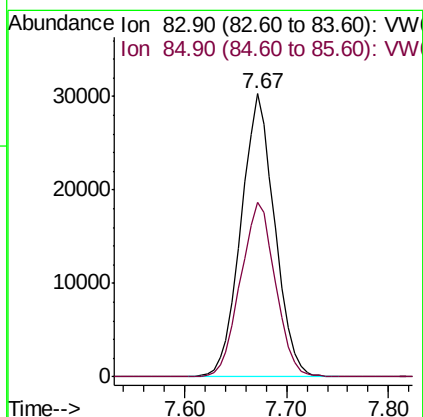
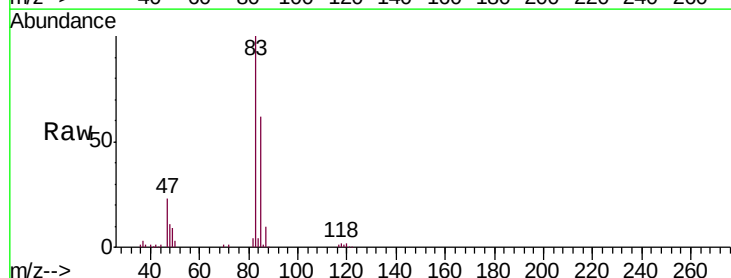
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

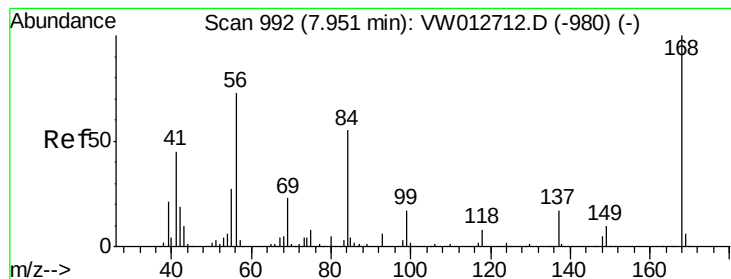
Tgt Ion: 42 Resp: 51983
Ion Ratio Lower Upper
42 100
72 37.3 28.4 42.6
71 35.4 27.1 40.7



#30
Chloroform
Concen: 19.358 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 83 Resp: 69405
Ion Ratio Lower Upper
83 100
85 61.8 50.6 76.0





#31

Cyclohexane

Concen: 18.322 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

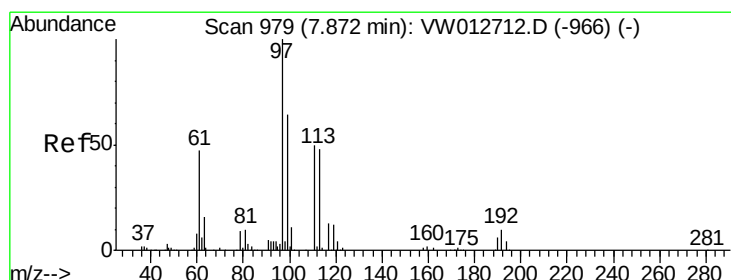
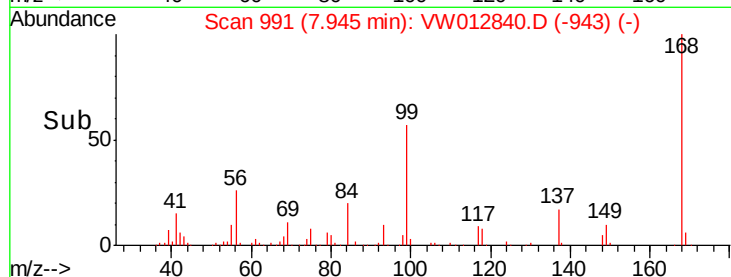
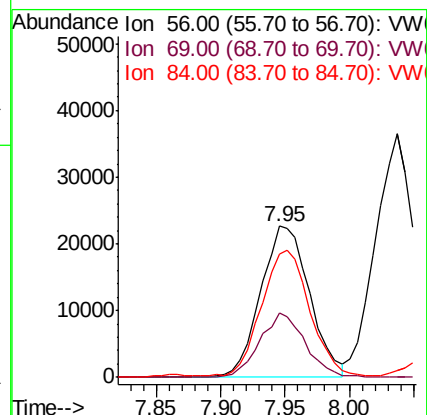
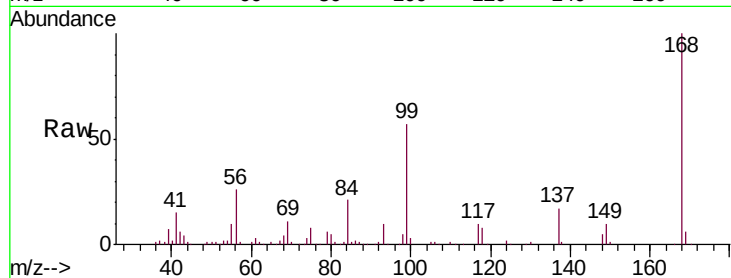
Tgt Ion: 56 Resp: 59673

Ion Ratio Lower Upper

56 100

69 42.0 25.7 38.5#

84 80.3 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 19.091 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

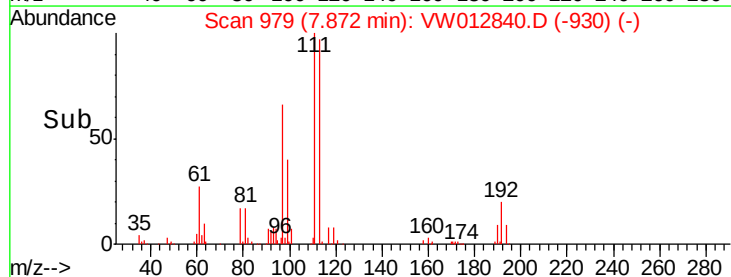
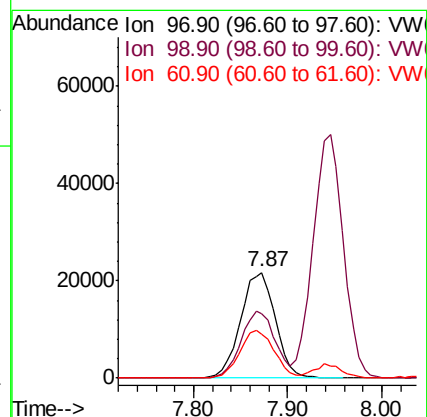
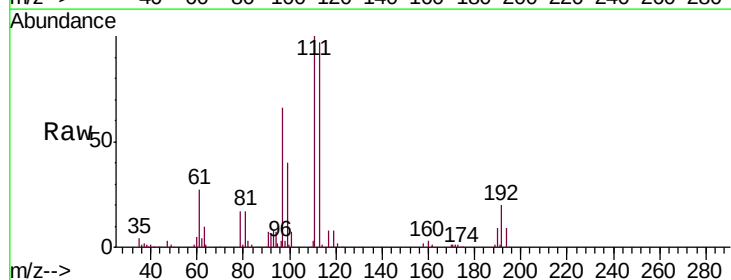
Tgt Ion: 97 Resp: 55484

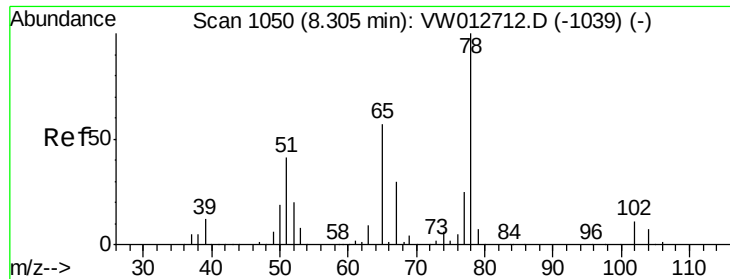
Ion Ratio Lower Upper

97 100

99 62.6 51.5 77.3

61 45.1 37.9 56.9

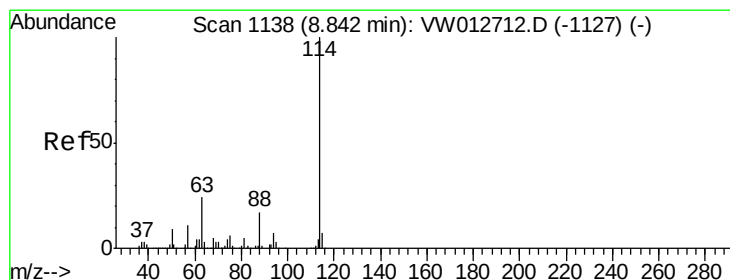
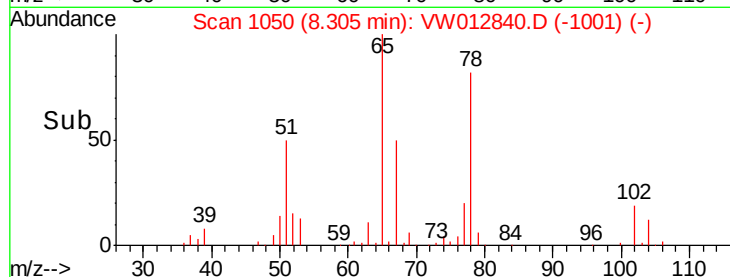
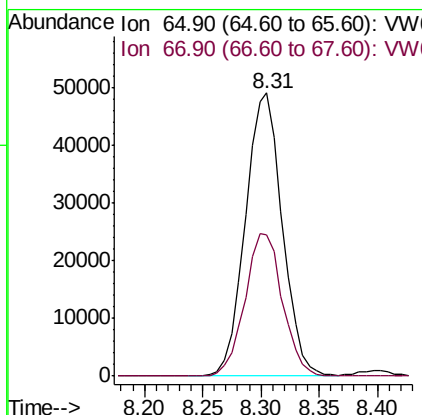
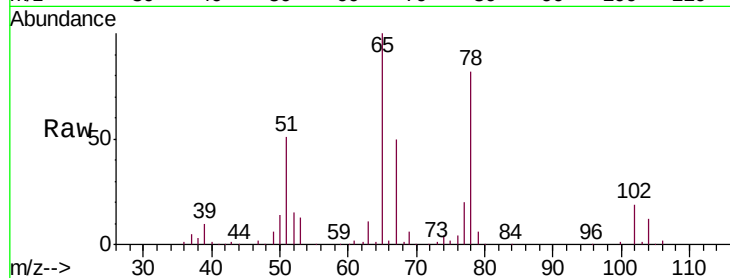




#33
 1,2-Dichloroethane-d4
 Concen: 48.750 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

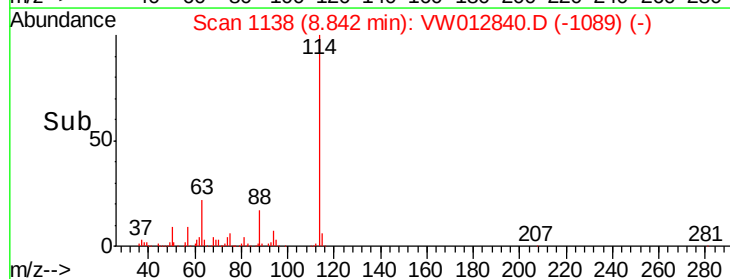
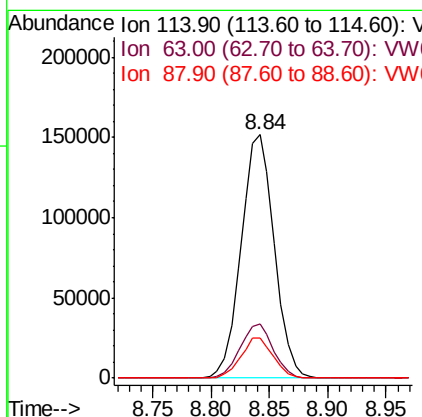
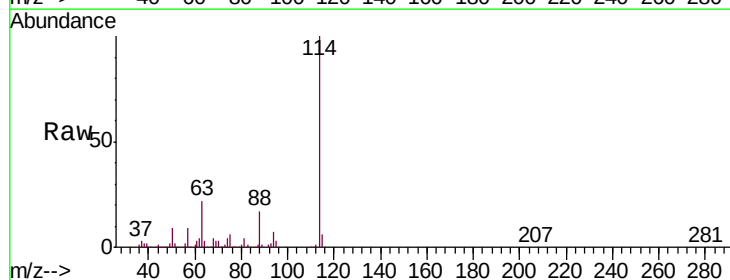
Instrument :
 MSVOA_W
 ClientSampled :
 VW0909SBS02

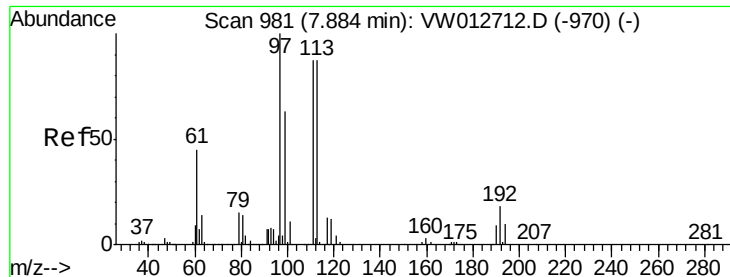
Tgt Ion: 65 Resp: 108016
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 114 Resp: 300193
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.2
 88 16.5 0.0 34.0

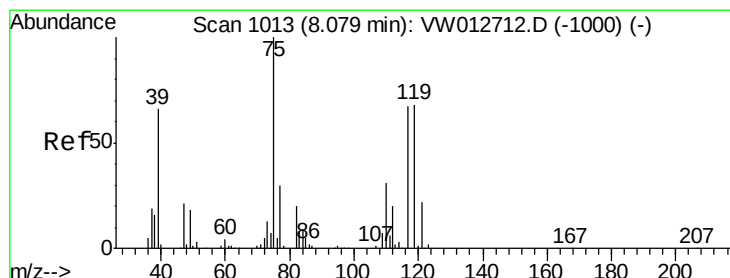
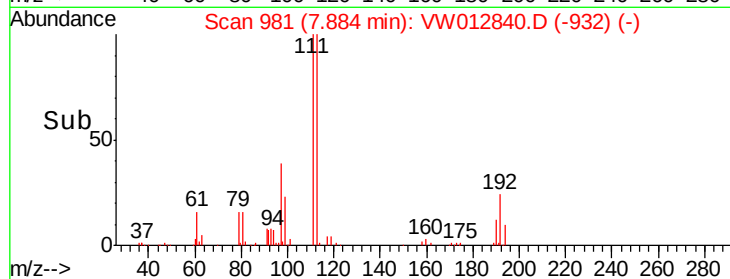
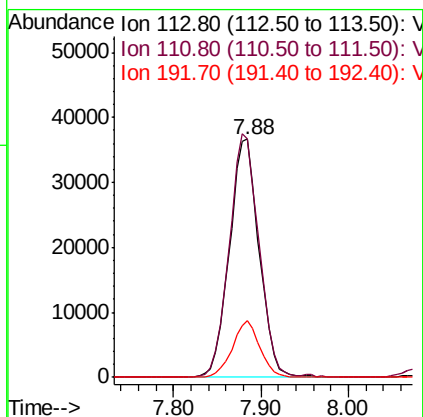
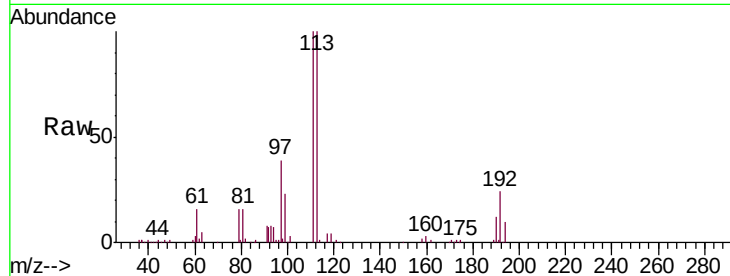




#35
 Dibromofluoromethane
 Concen: 48.385 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

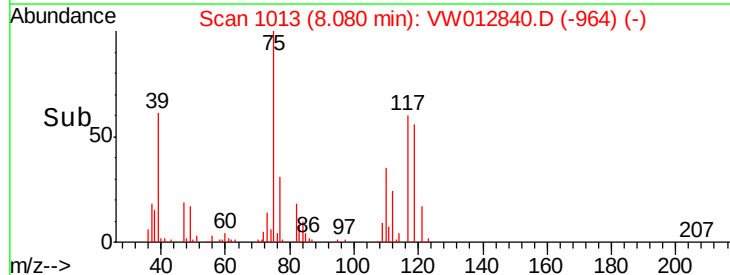
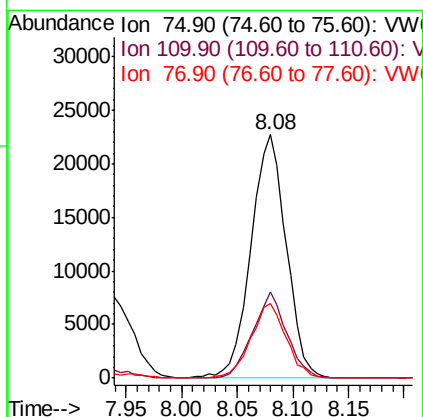
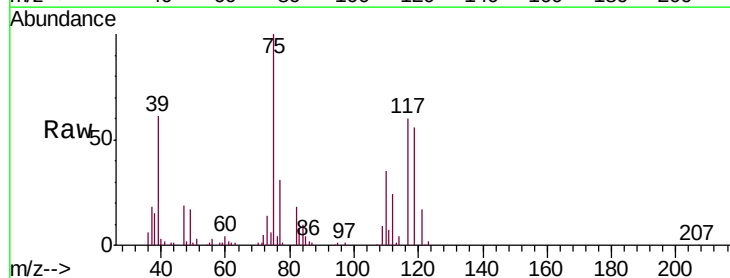
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

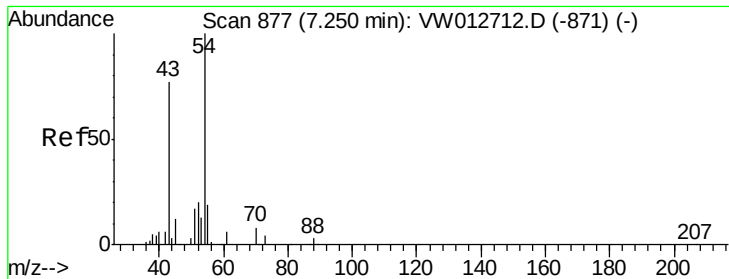
Tgt Ion: 113 Resp: 86354
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.2 120.4
 192 22.0 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 18.761 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 75 Resp: 50040
 Ion Ratio Lower Upper
 75 100
 110 34.0 15.9 47.7
 77 30.7 25.0 37.4

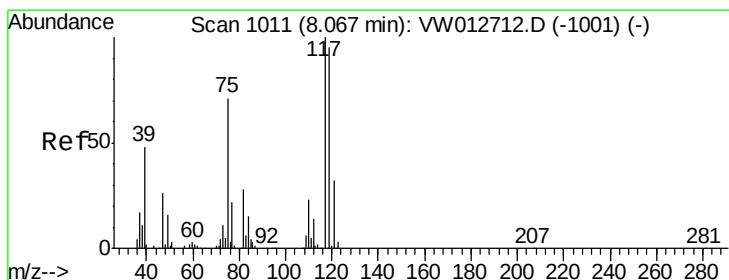
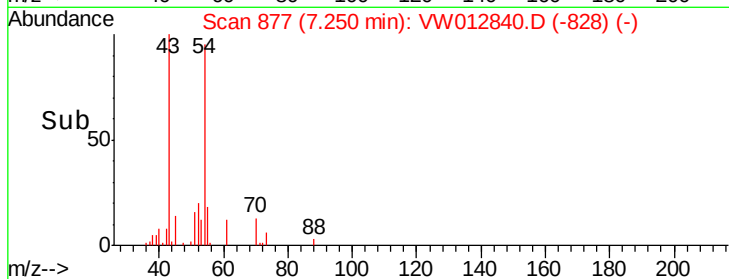
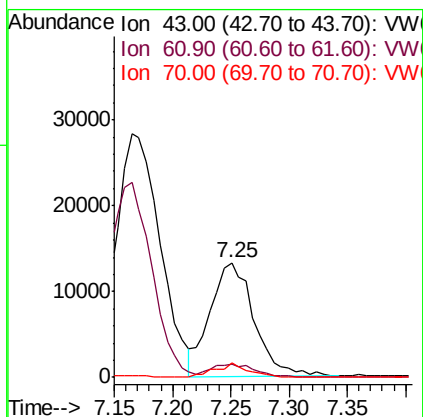
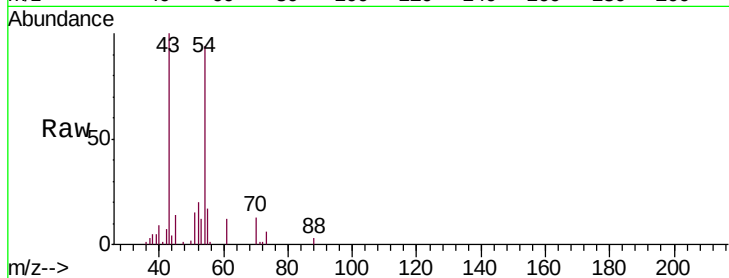




#37
Ethyl Acetate
Concen: 20.417 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

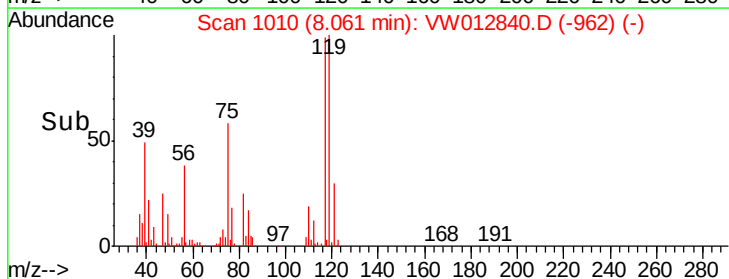
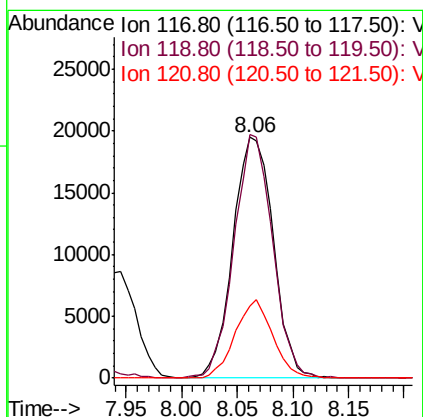
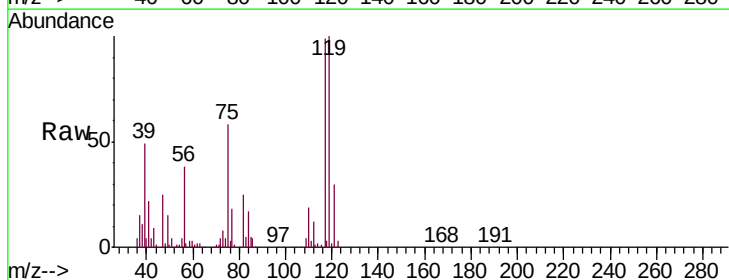
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

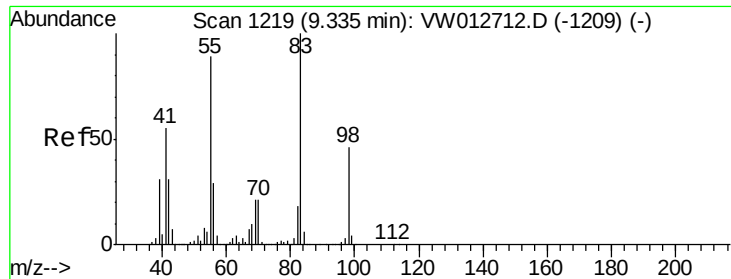
Tgt Ion: 43 Resp: 34716
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 9.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 18.734 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 117 Resp: 49258
Ion Ratio Lower Upper
117 100
119 100.8 76.2 114.2
121 29.8 25.4 38.2

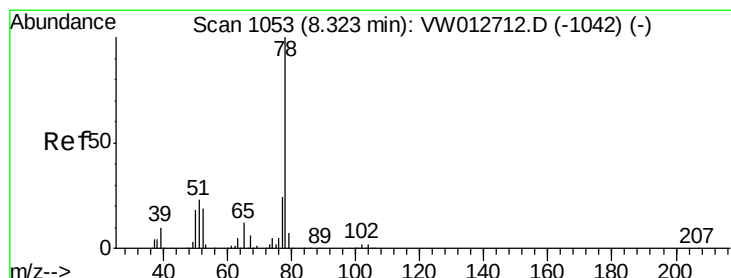
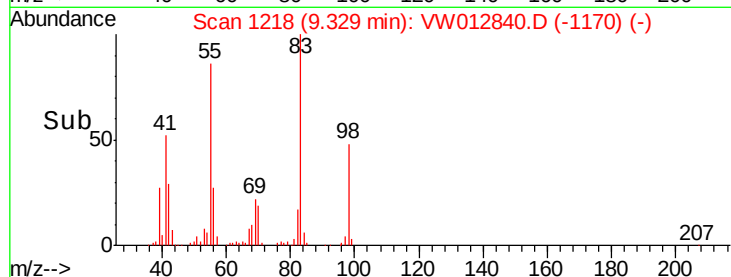
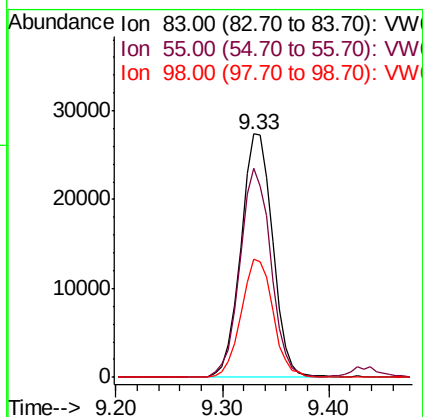
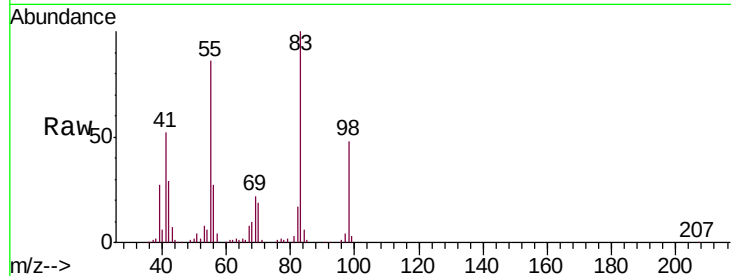




#39
Methylcyclohexane
Concen: 19.240 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

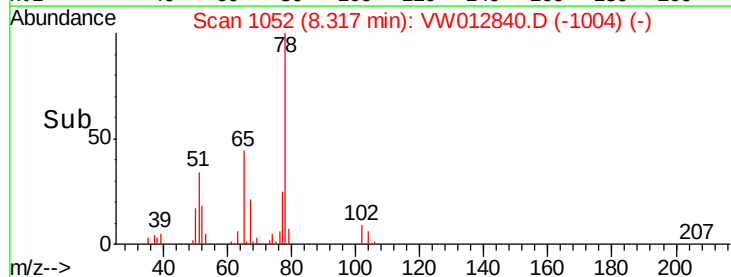
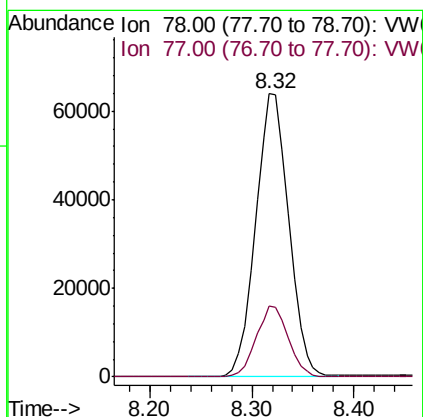
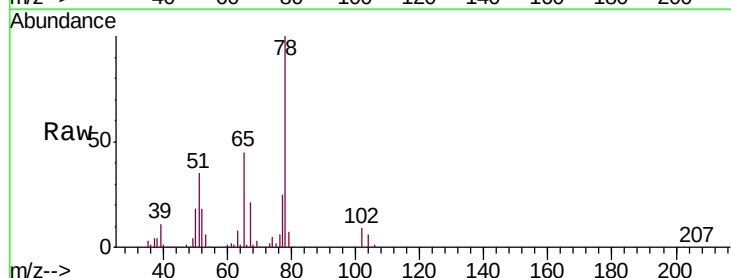
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

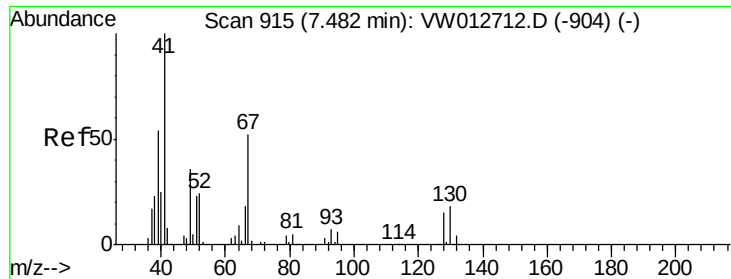
Tgt Ion: 83 Resp: 57639
Ion Ratio Lower Upper
83 100
55 85.9 71.0 106.4
98 48.4 36.9 55.3



#40
Benzene
Concen: 19.550 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 78 Resp: 144682
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9

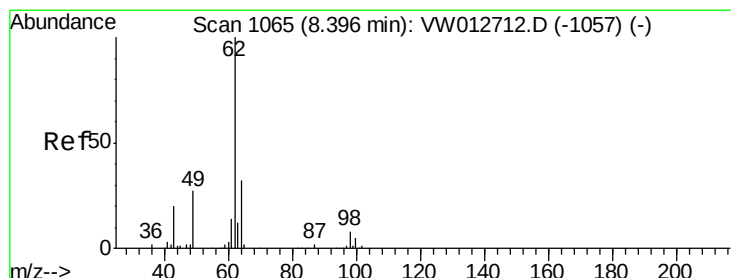
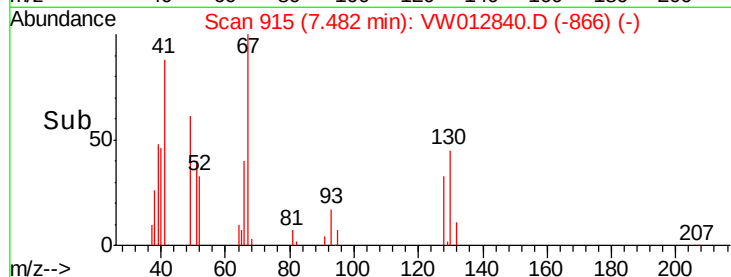
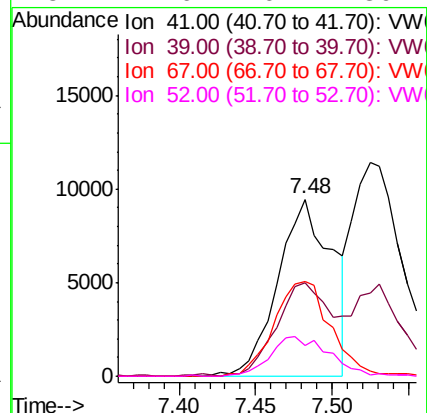
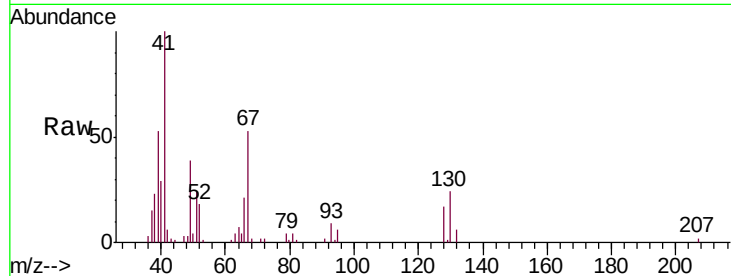




#41
Methacrylonitrile
Concen: 22.458 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

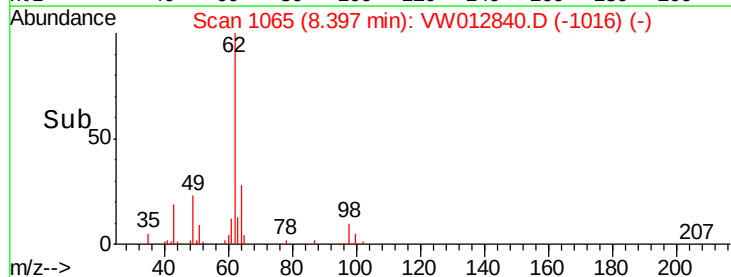
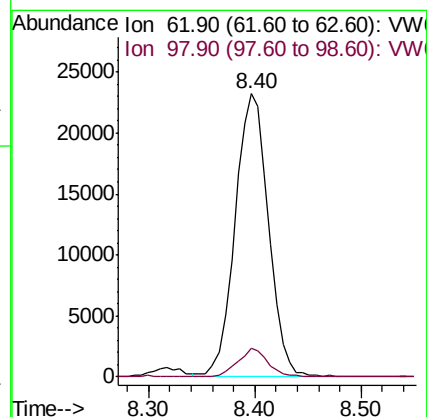
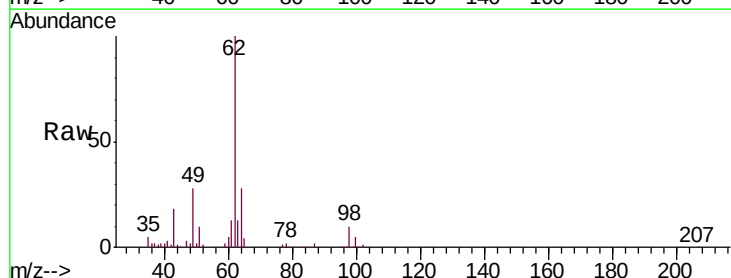
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

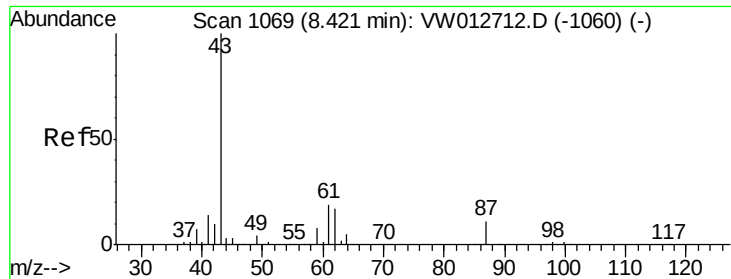
Tgt Ion:	41	Resp:	23310
Ion	Ratio	Lower	Upper
41	100		
39	54.1	47.5	71.3
67	56.3	45.1	67.7
52	24.6	20.2	30.2



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion:	62	Resp:	51087
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 19.751 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

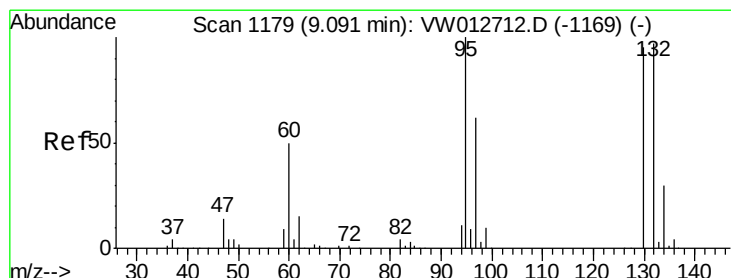
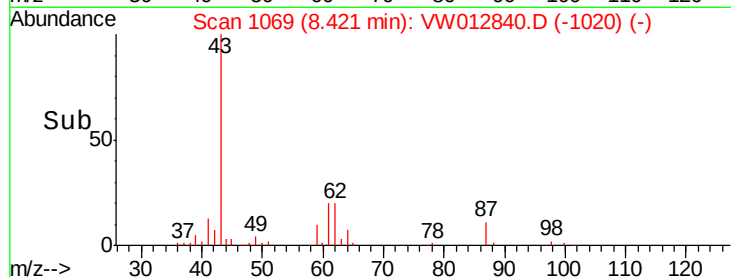
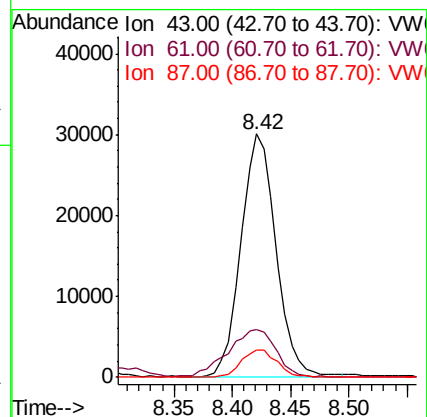
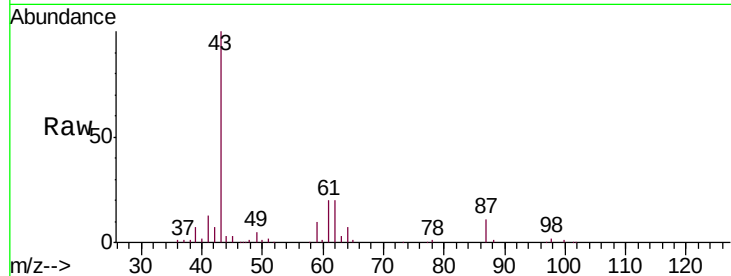
Tgt Ion: 43 Resp: 63626

Ion Ratio Lower Upper

43 100

61 27.0 20.6 30.8

87 11.7 8.6 13.0



#44

Trichloroethene

Concen: 20.402 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012840.D

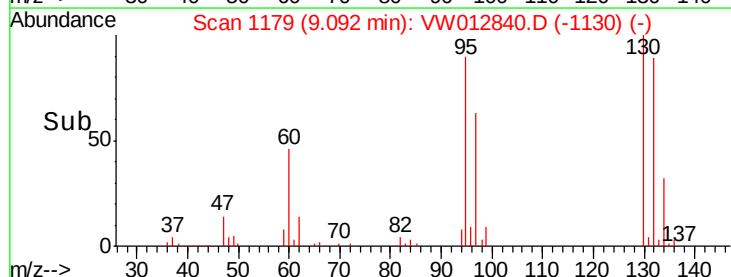
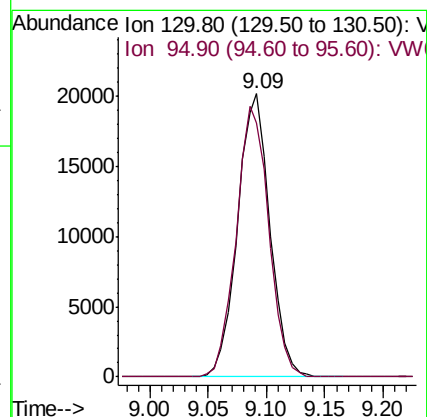
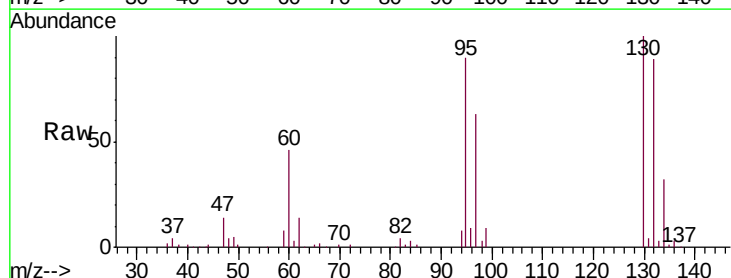
Acq: 10 Sep 2019 00:11

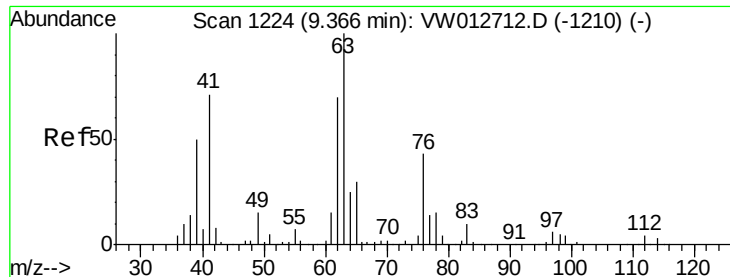
Tgt Ion: 130 Resp: 38920

Ion Ratio Lower Upper

130 100

95 89.6 0.0 210.6

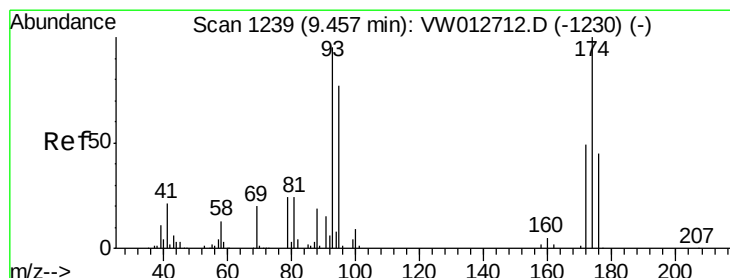
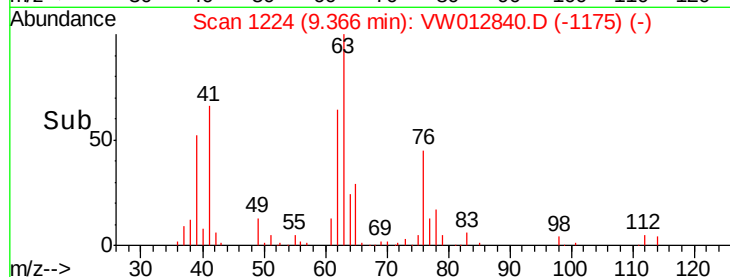
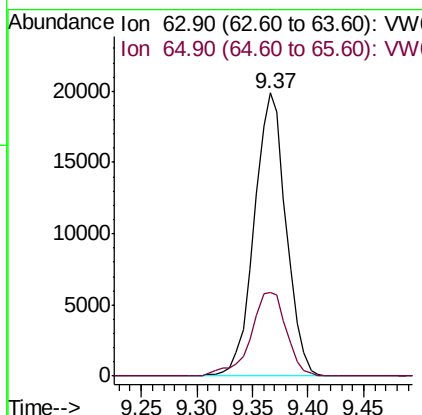
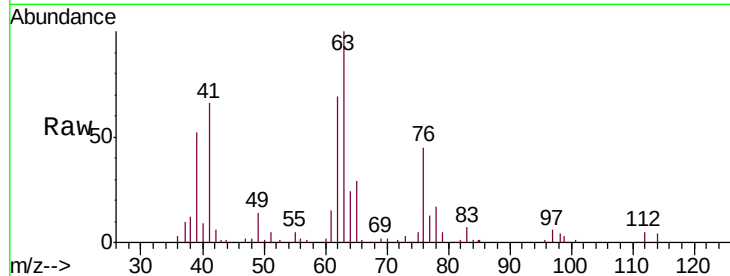




#45
 1,2-Dichloropropane
 Concen: 19.292 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

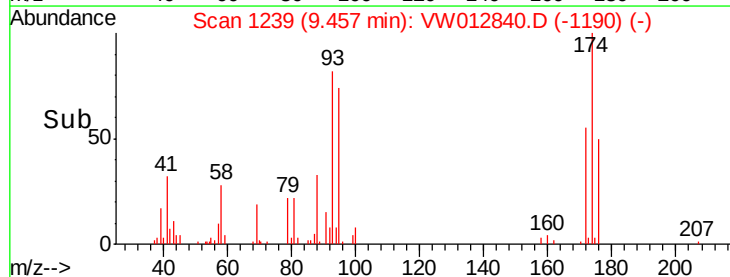
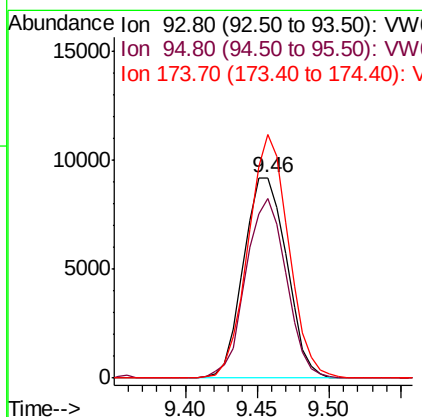
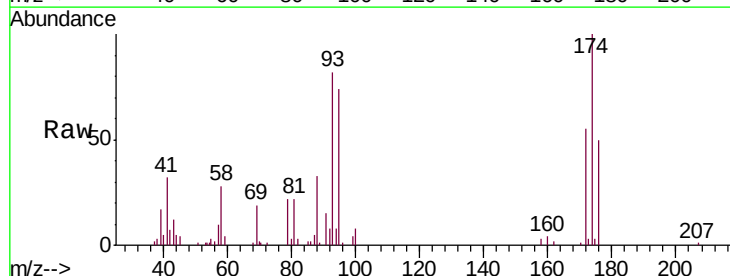
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

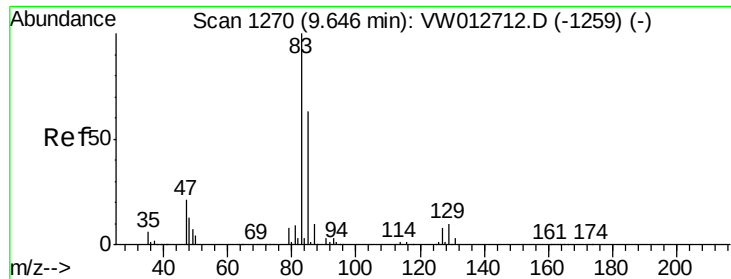
Tgt Ion: 63 Resp: 39597
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.8 35.8



#46
 Dibromomethane
 Concen: 19.643 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 93 Resp: 19092
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.2 97.8
 174 113.6 84.2 126.4

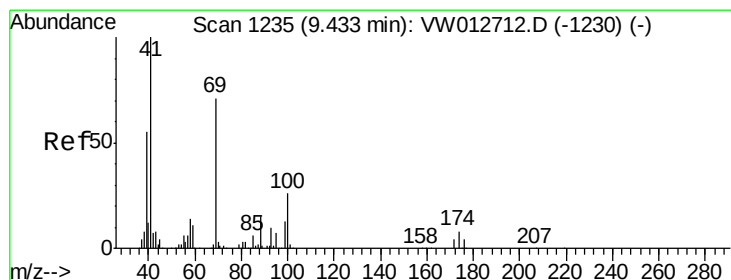
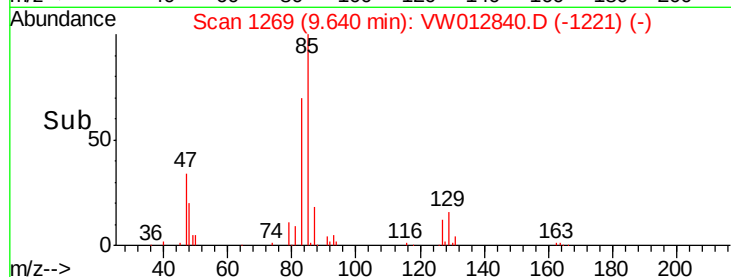
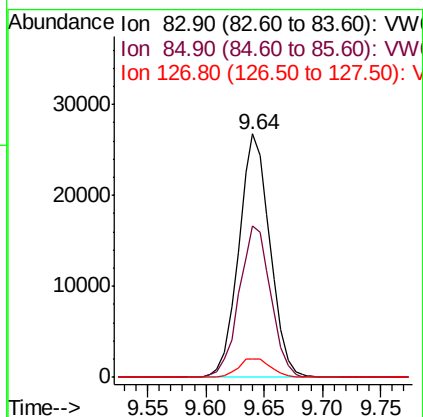
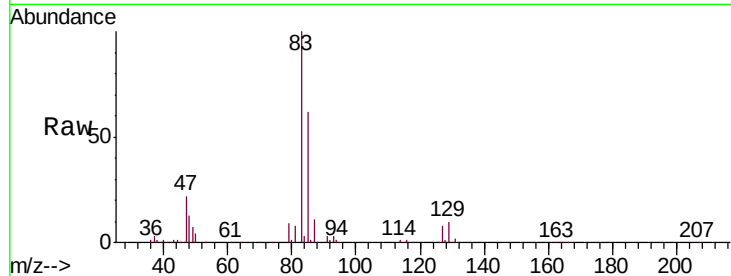




#47
Bromodichloromethane
Concen: 18.601 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

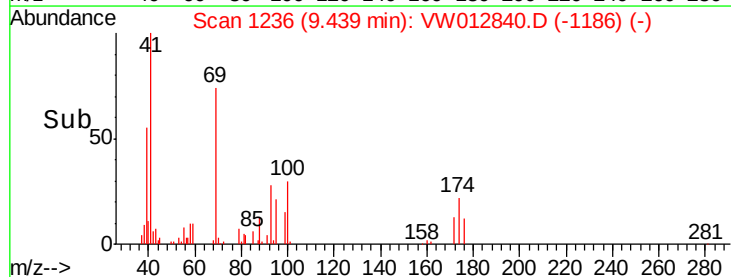
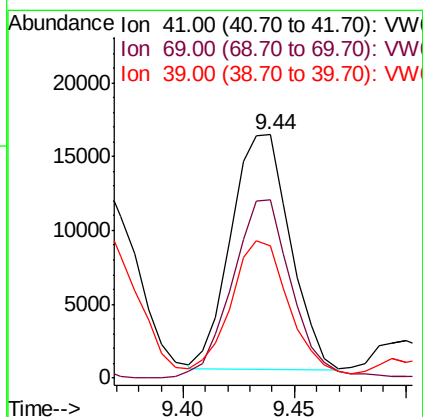
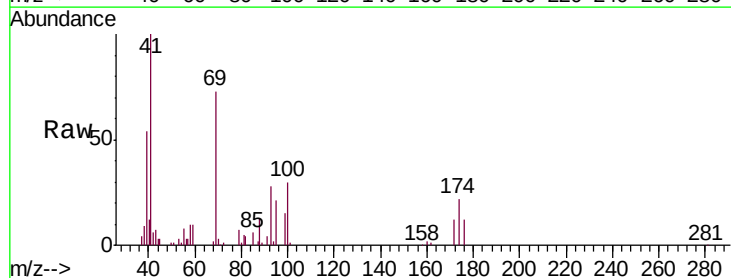
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

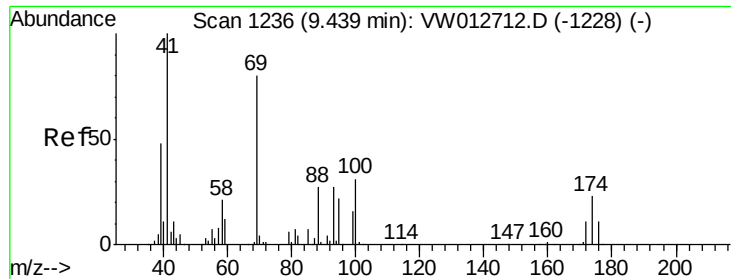
Tgt Ion: 83 Resp: 49739
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.2
127 7.7 6.6 9.8



#48
Methyl methacrylate
Concen: 19.099 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 41 Resp: 29402
Ion Ratio Lower Upper
41 100
69 76.8 59.8 89.8
39 59.0 47.0 70.6

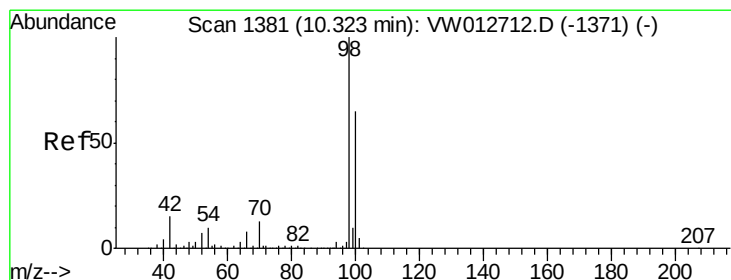
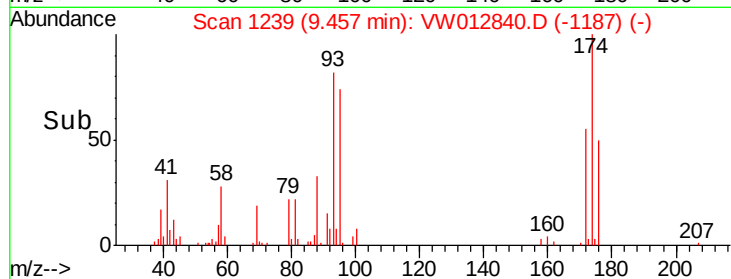
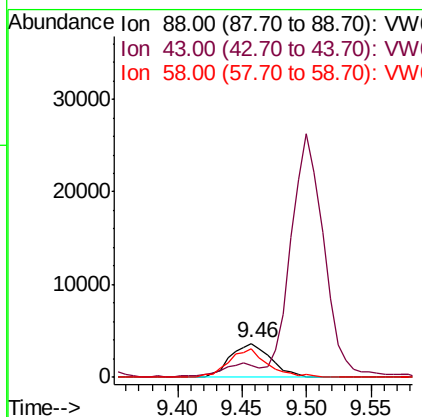
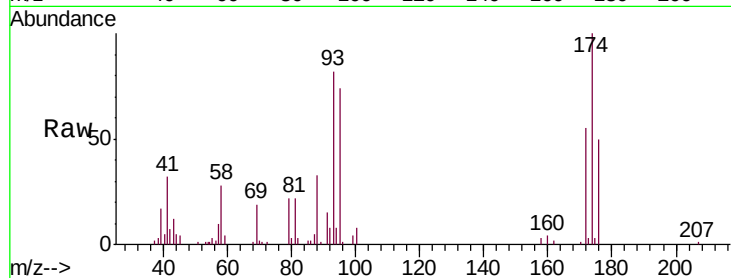




#49
 1,4-Dioxane
 Concen: 419.399 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.02 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

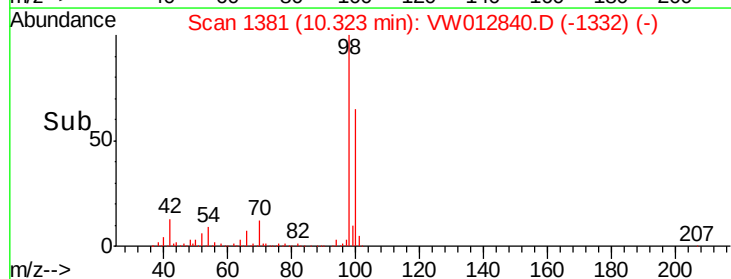
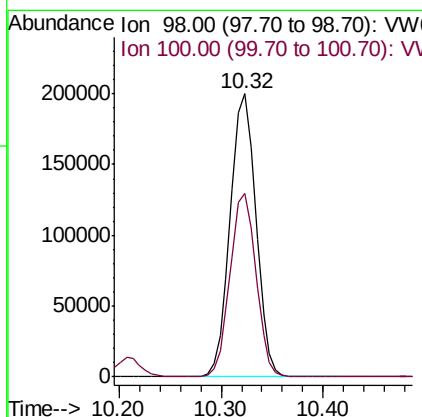
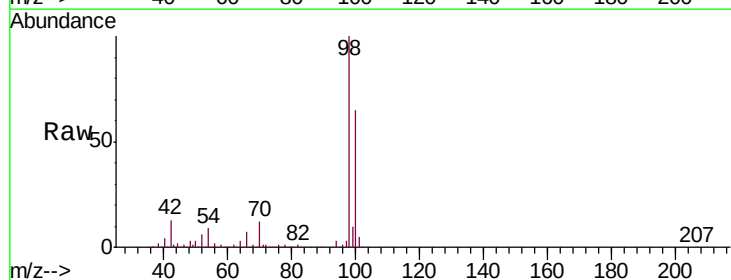
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

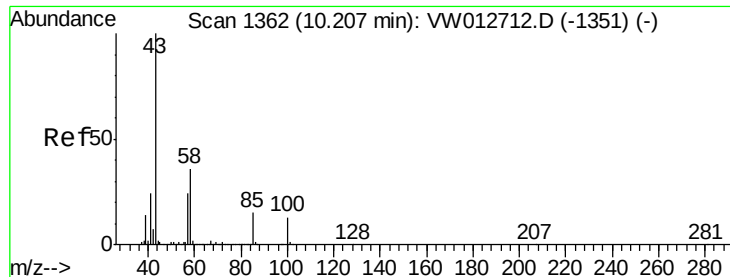
Tgt Ion: 88 Resp: 8052
 Ion Ratio Lower Upper
 88 100
 43 32.3 34.8 52.2#
 58 80.6 64.1 96.1



#50
 Toluene-d8
 Concen: 50.062 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 98 Resp: 350041
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.2 78.4

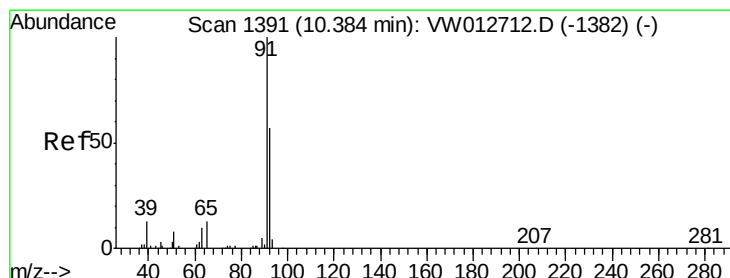
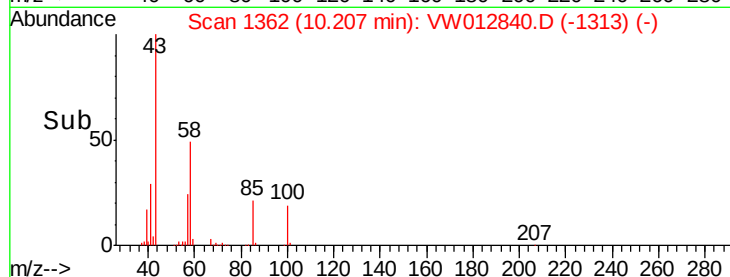
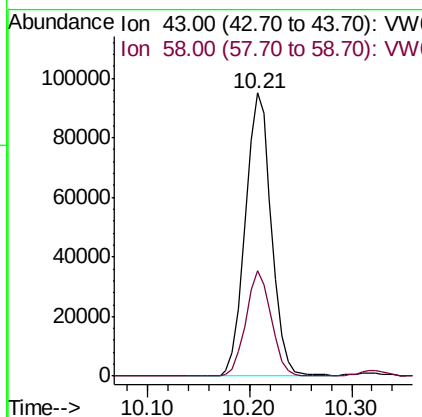
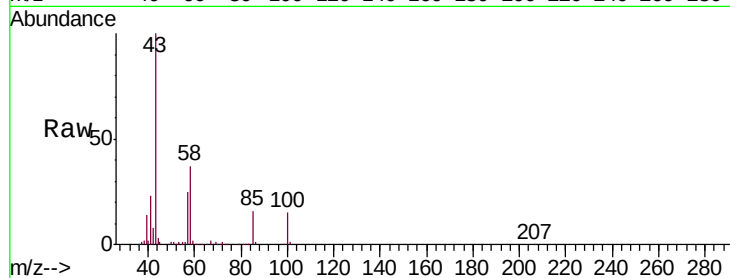




#51
 4-Methyl-2-Pentanone
 Concen: 99.873 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

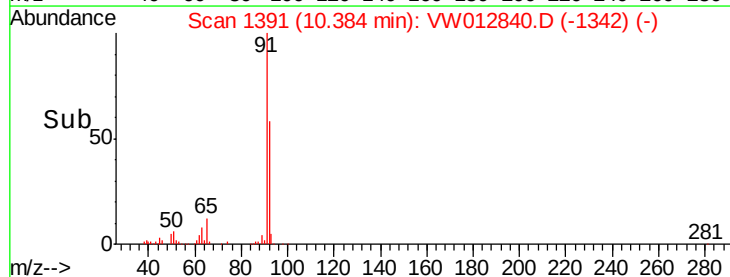
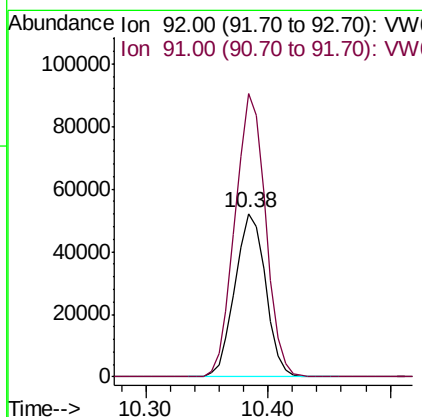
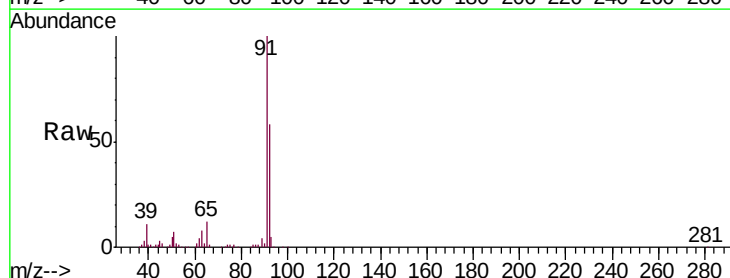
Instrument :
 MSVOA_W
 ClientSampled :
 VW0909SBS02

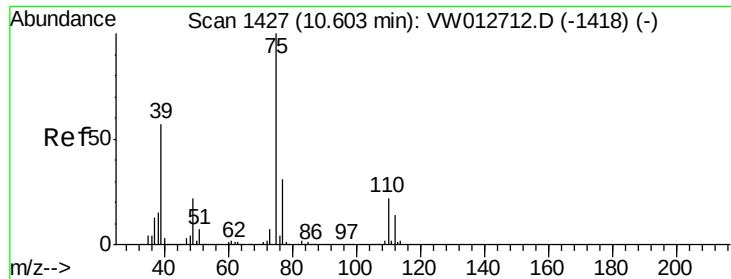
Tgt Ion: 43 Resp: 168820
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.4 42.6



#52
 Toluene
 Concen: 19.663 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 92 Resp: 90823
 Ion Ratio Lower Upper
 92 100
 91 172.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.243 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

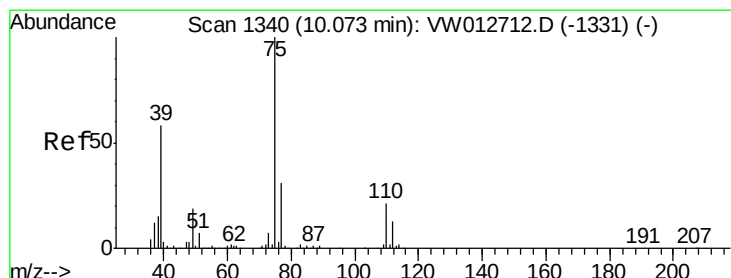
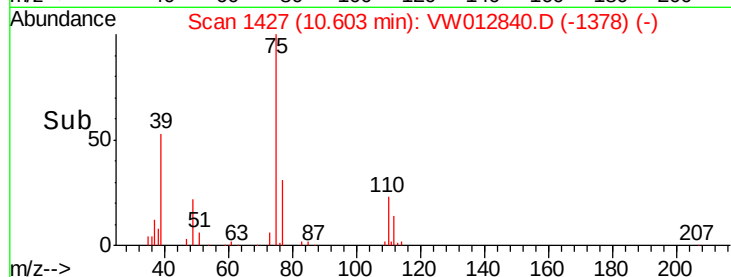
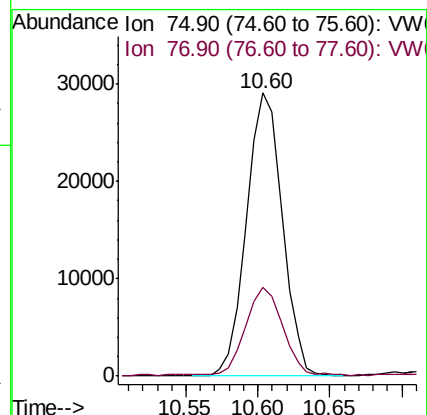
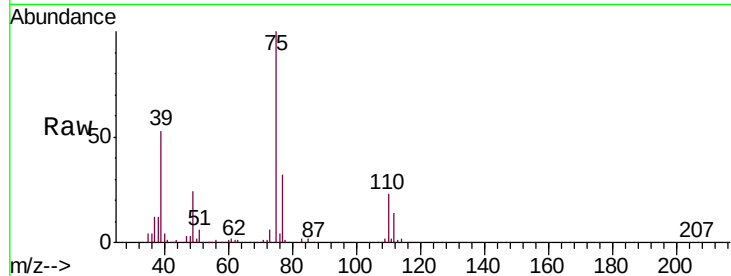
VW0909SBS02

Tgt Ion: 75 Resp: 50163

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 18.777 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

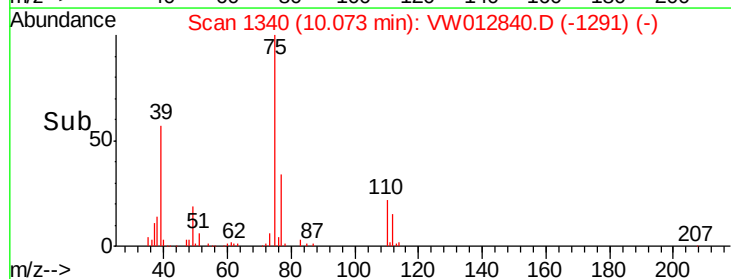
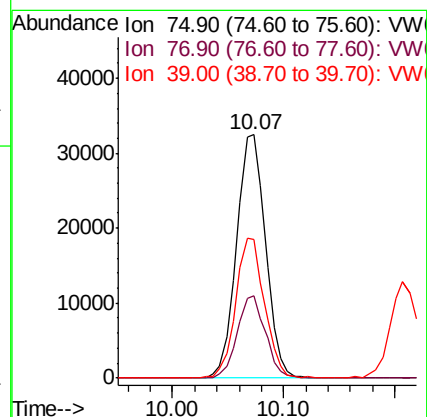
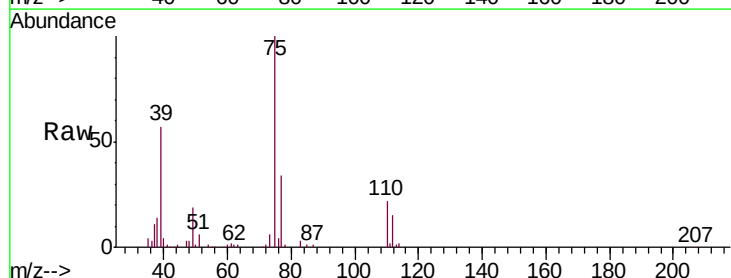
Tgt Ion: 75 Resp: 58571

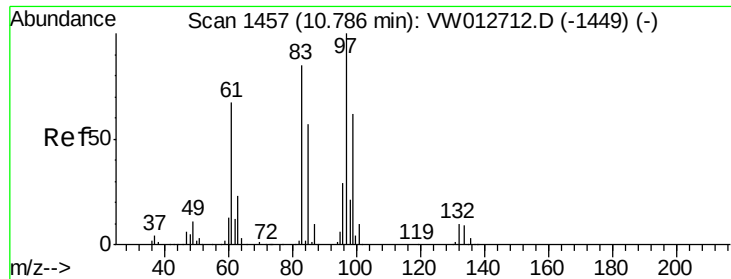
Ion Ratio Lower Upper

75 100

77 33.7 24.6 36.8

39 56.8 46.3 69.5

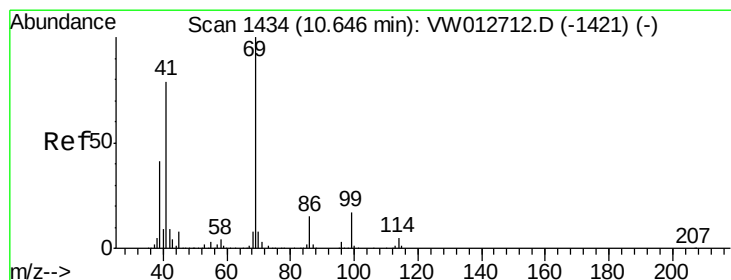
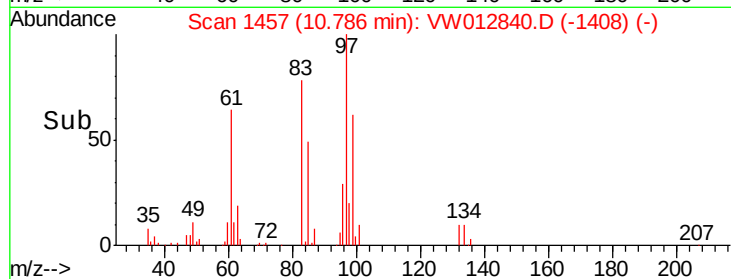
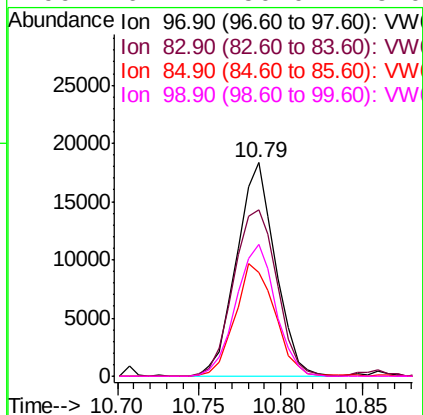
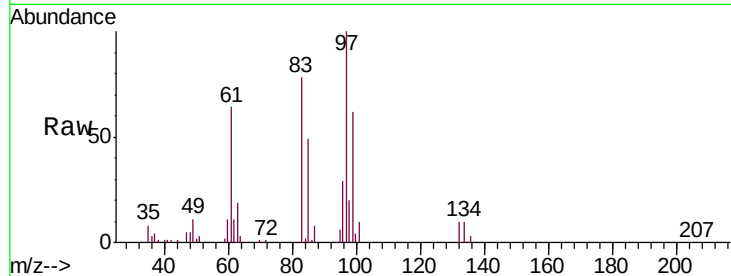




#55
 1,1,2-Trichloroethane
 Concen: 20.892 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

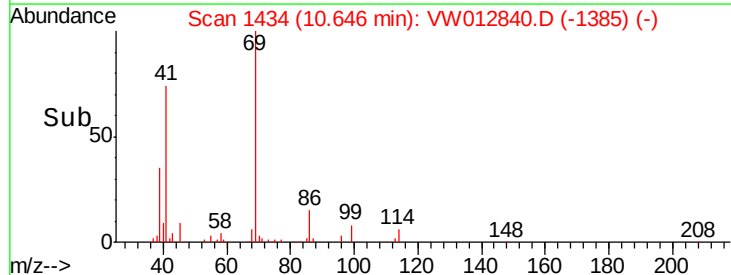
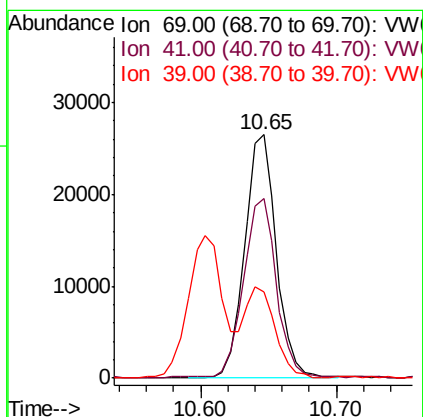
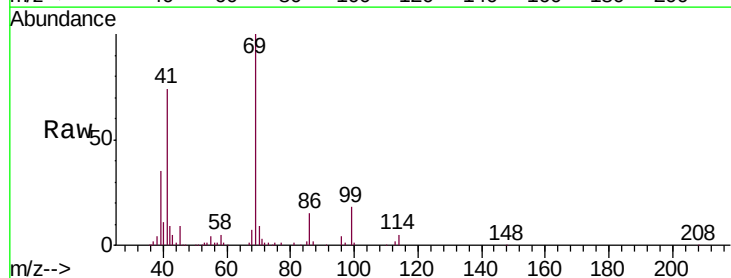
Instrument :
 MSVOA_W
 ClientSampled :
 VW0909SBS02

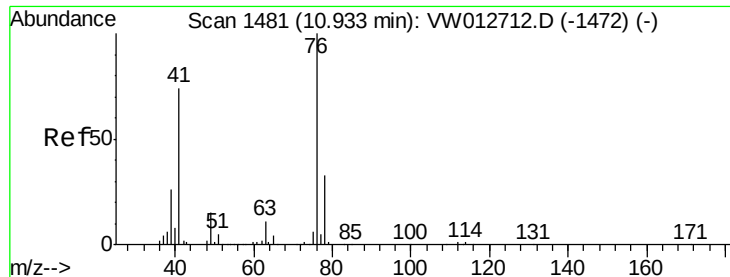
Tgt Ion:	97	Resp:	30401
Ion	Ratio	Lower	Upper
97	100		
83	77.8	68.1	102.1
85	48.6	45.3	67.9
99	61.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.289 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion:	69	Resp:	43217
Ion	Ratio	Lower	Upper
69	100		
41	78.2	64.4	96.6
39	34.0	31.1	46.7

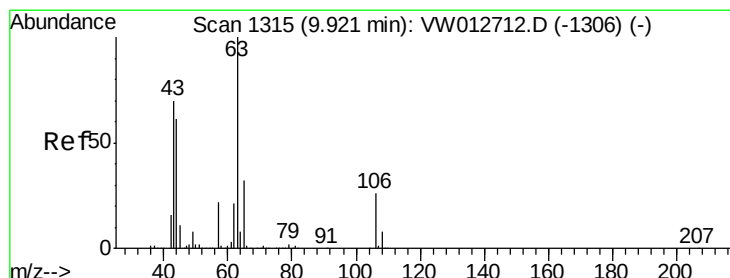
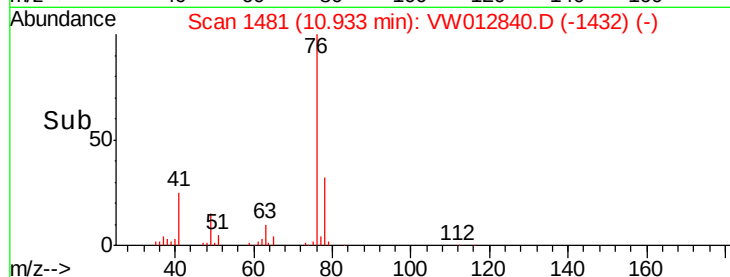
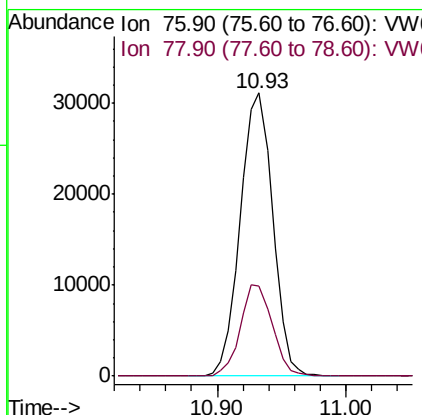
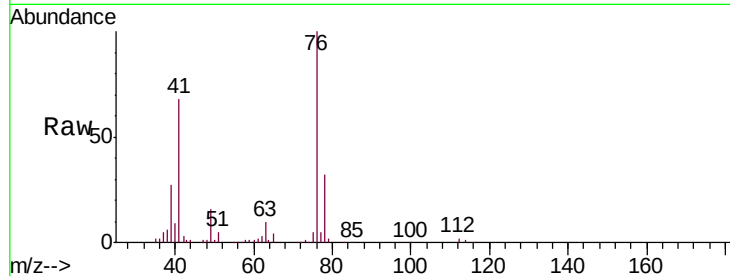




#57
 1,3-Dichloropropane
 Concen: 20.176 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

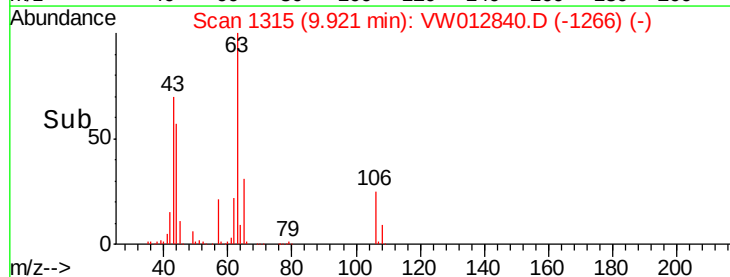
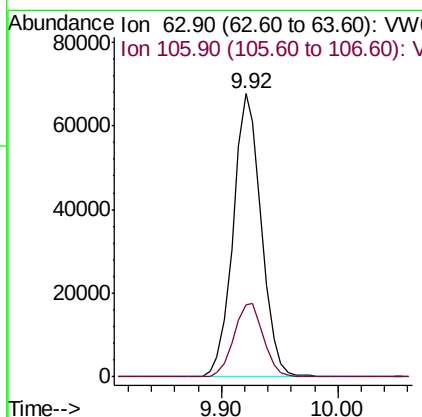
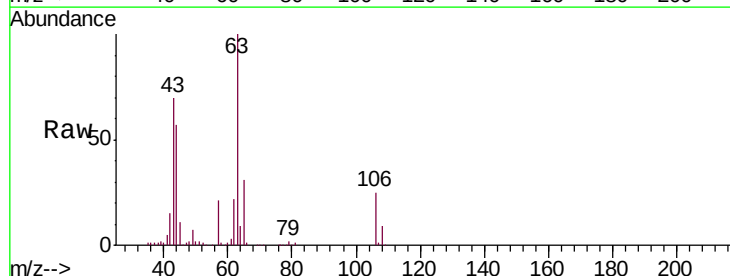
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

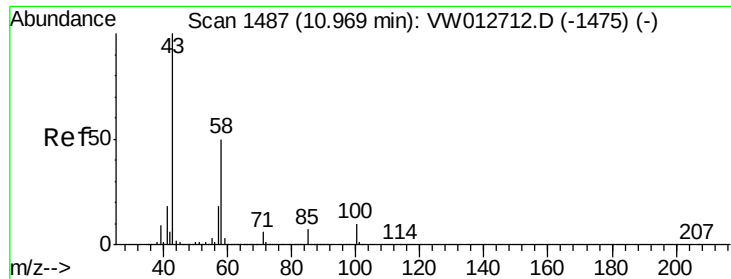
Tgt Ion: 76 Resp: 54312
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.395 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 63 Resp: 113526
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.5 30.7

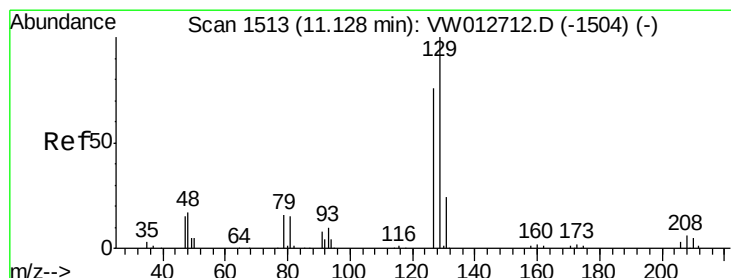
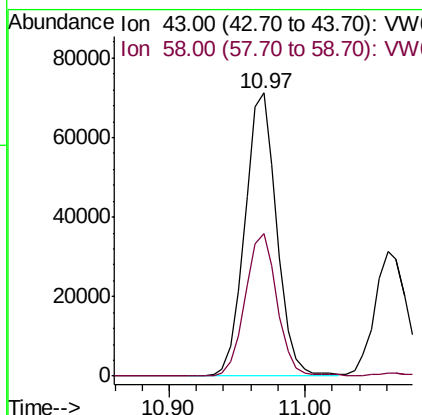
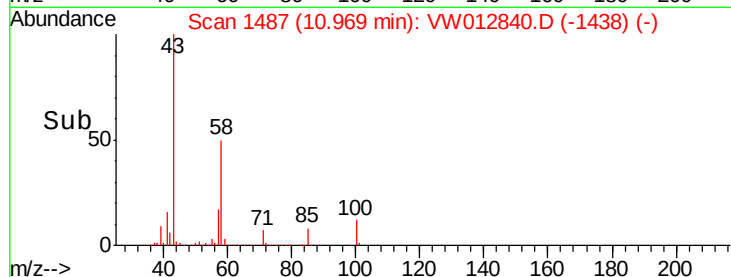
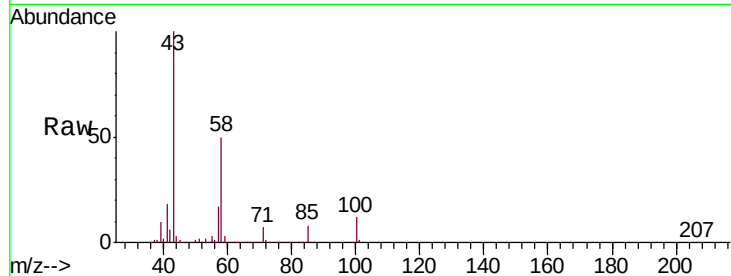




#59
2-Hexanone
Concen: 94.320 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

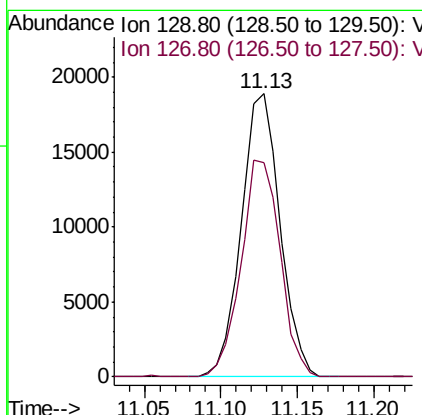
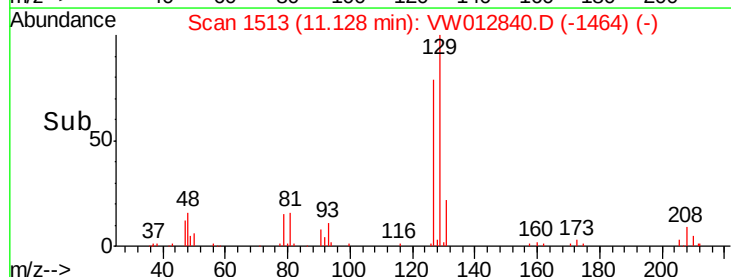
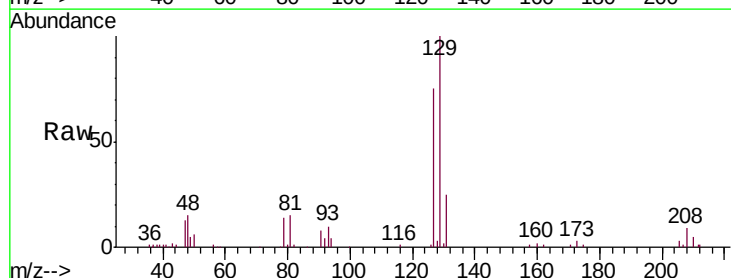
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

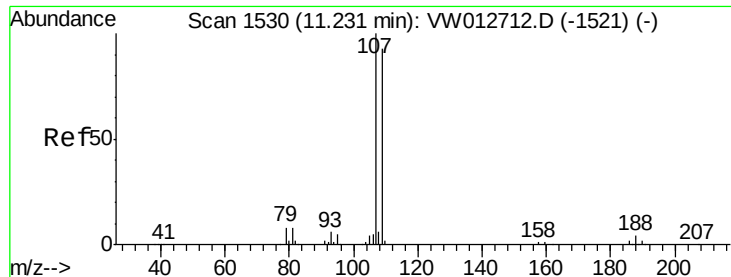
Tgt Ion: 43 Resp: 116479
Ion Ratio Lower Upper
43 100
58 50.6 24.7 74.1



#60
Dibromochloromethane
Concen: 19.416 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 129 Resp: 33227
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.010 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

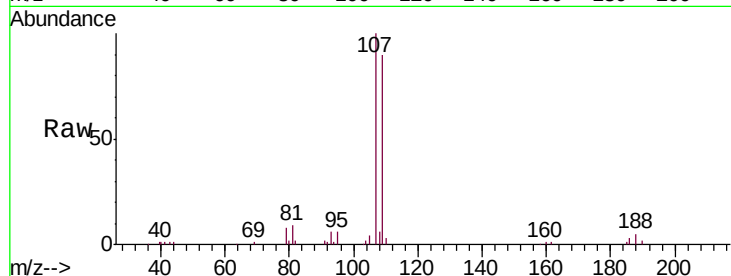
VW0909SBS02

Tgt Ion:107 Resp: 28029

Ion Ratio Lower Upper

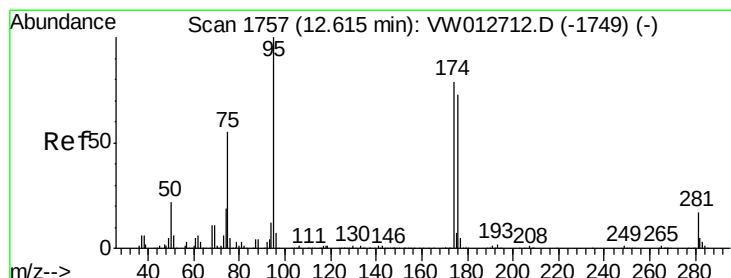
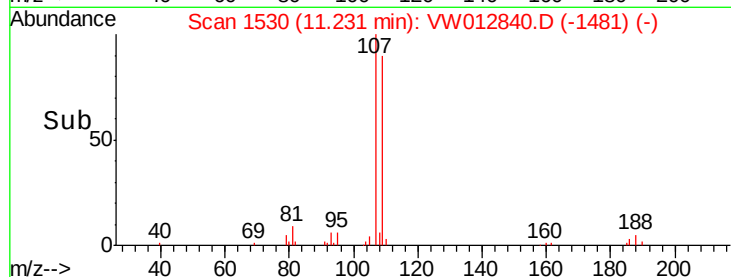
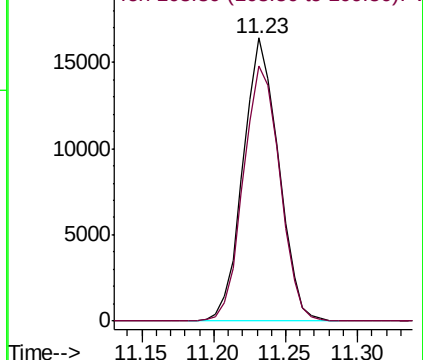
107 100

109 92.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.365 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

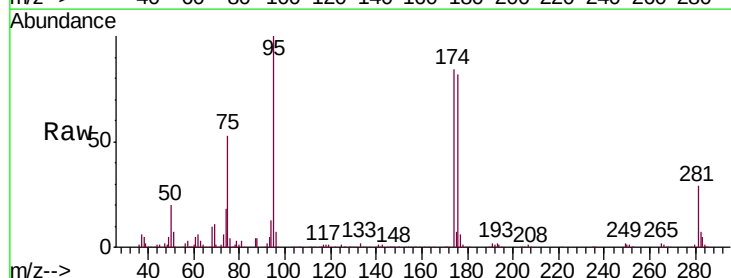
Tgt Ion: 95 Resp: 122769

Ion Ratio Lower Upper

95 100

174 85.8 0.0 161.0

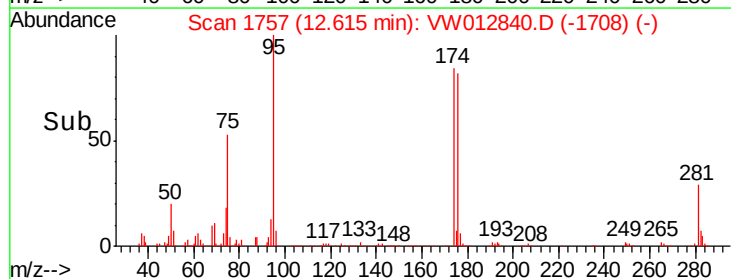
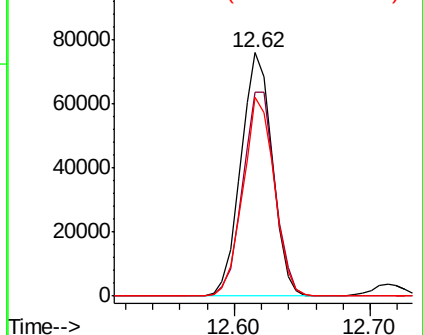
176 81.4 0.0 156.4

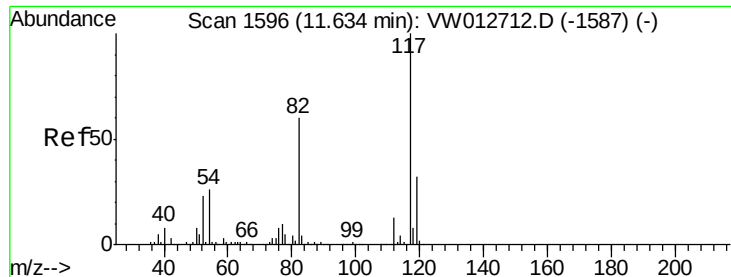


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

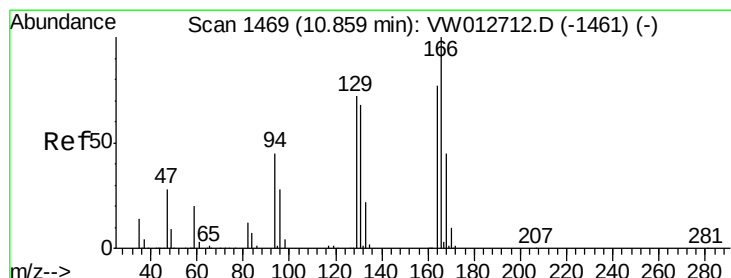
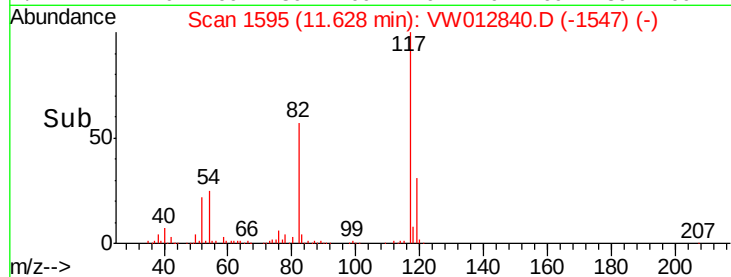
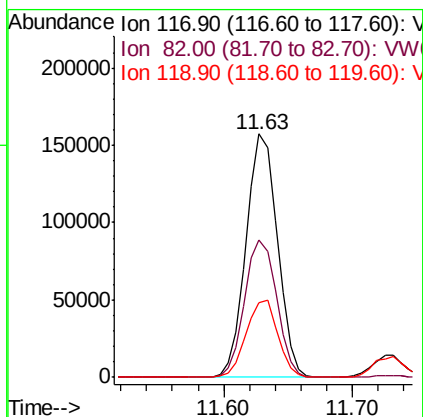
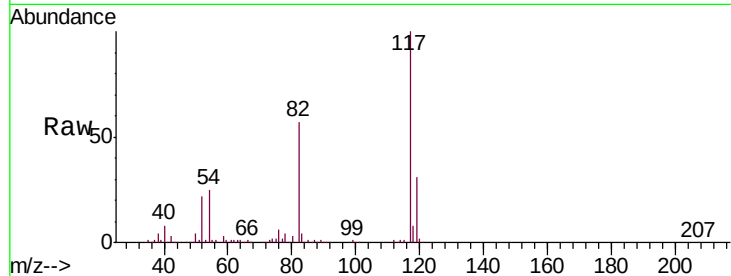




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

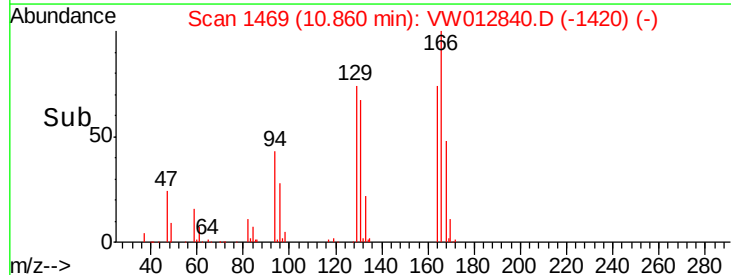
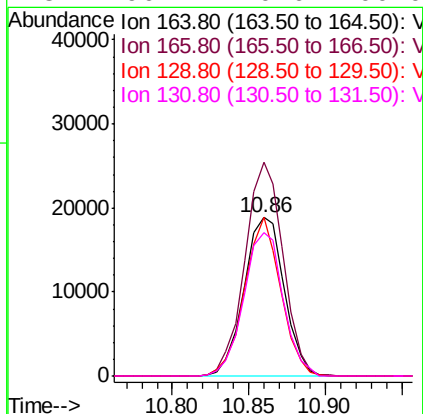
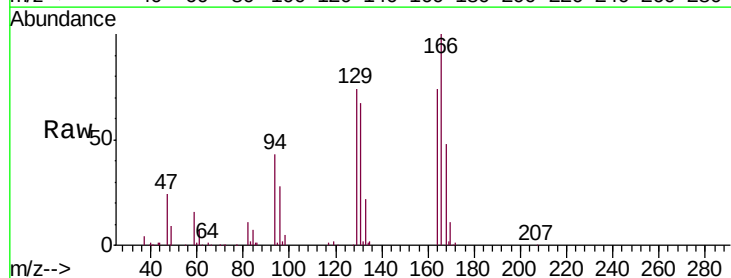
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

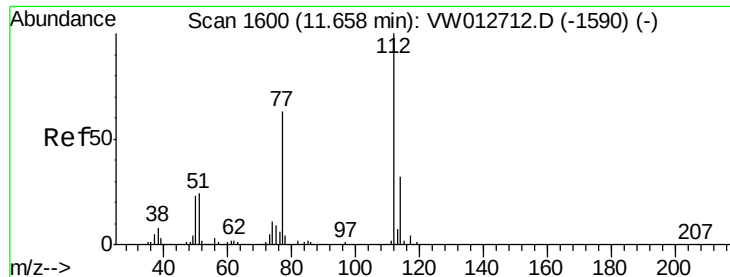
Tgt Ion:117 Resp: 264646
Ion Ratio Lower Upper
117 100
82 56.6 48.2 72.4
119 30.7 25.8 38.6



#64
Tetrachloroethene
Concen: 21.463 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion:164 Resp: 34466
Ion Ratio Lower Upper
164 100
166 134.9 103.6 155.4
129 100.3 74.6 112.0
131 90.7 70.6 106.0





#65

Chlorobenzene

Concen: 19.270 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

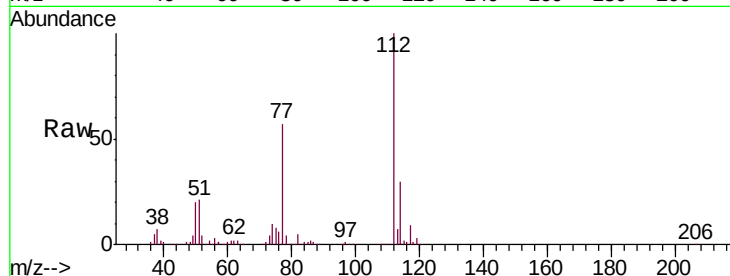
VW0909SBS02

Tgt Ion:112 Resp: 96386

Ion Ratio Lower Upper

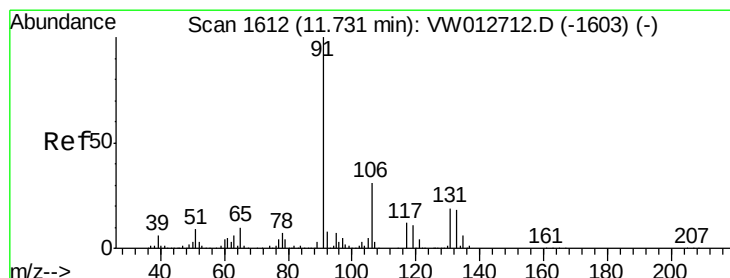
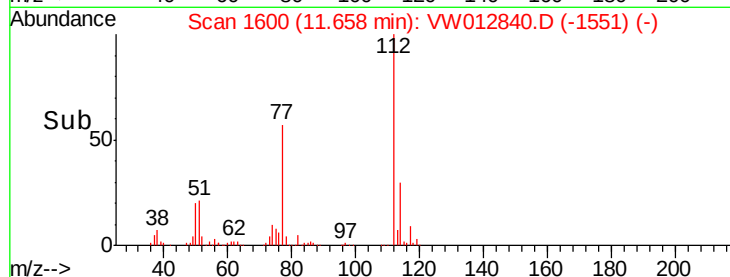
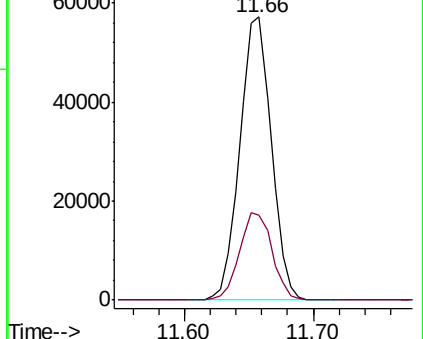
112 100

114 30.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.868 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

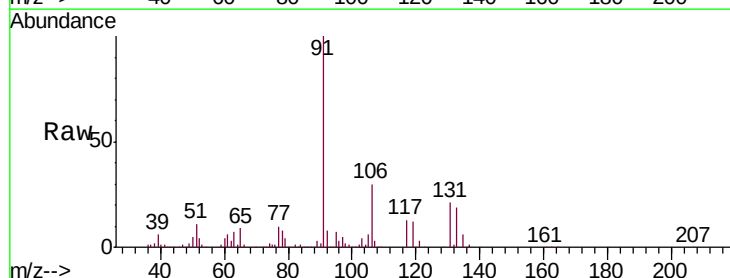
Tgt Ion:131 Resp: 37009

Ion Ratio Lower Upper

131 100

133 93.6 47.6 142.8

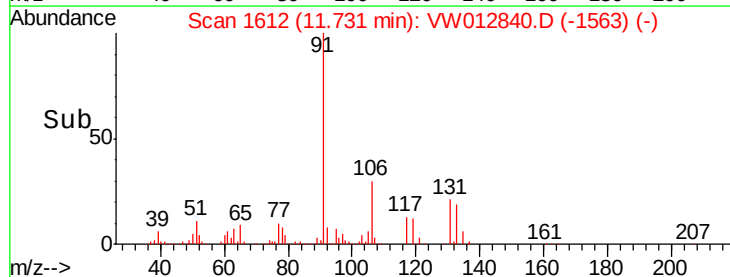
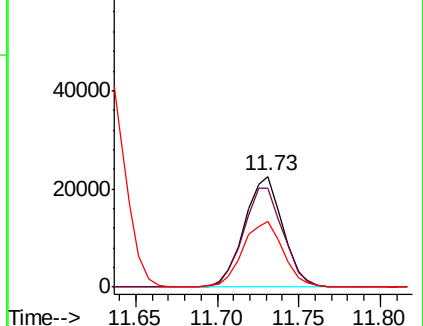
119 62.1 30.6 92.0

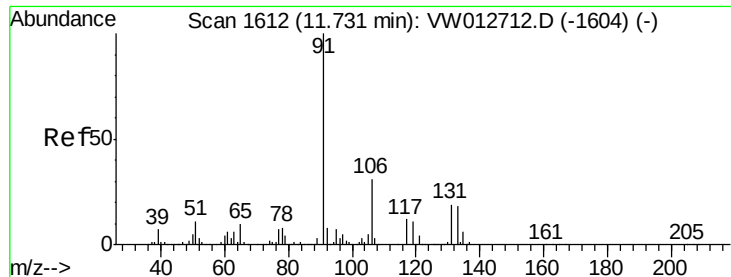


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

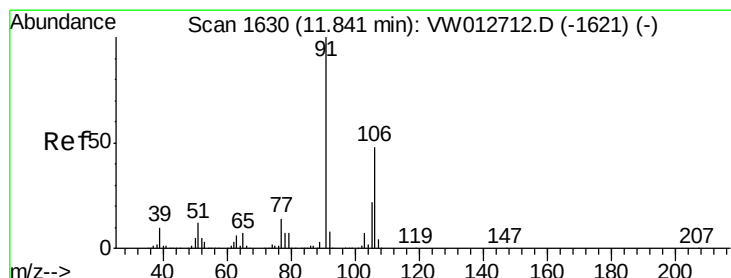
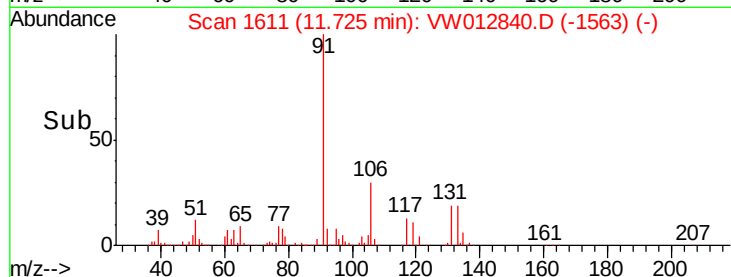
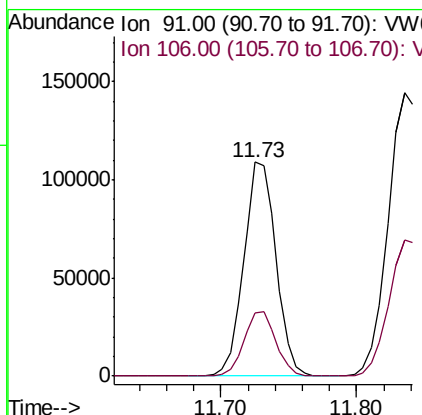
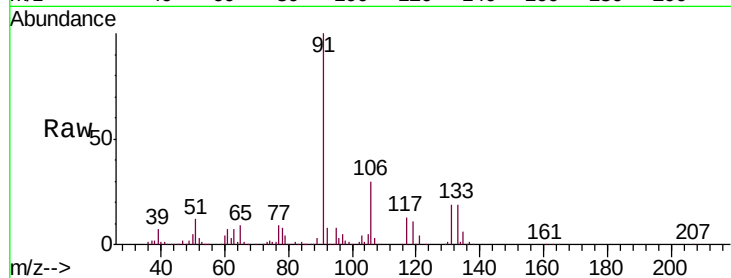




#67
Ethyl Benzene
Concen: 19.230 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

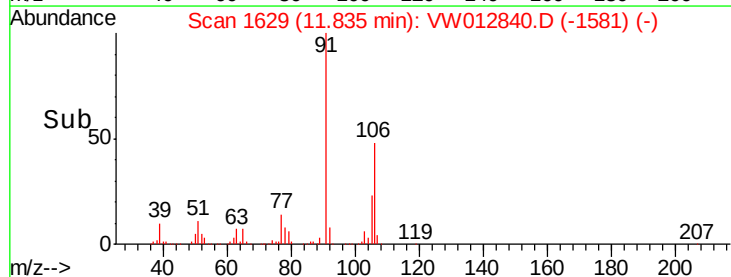
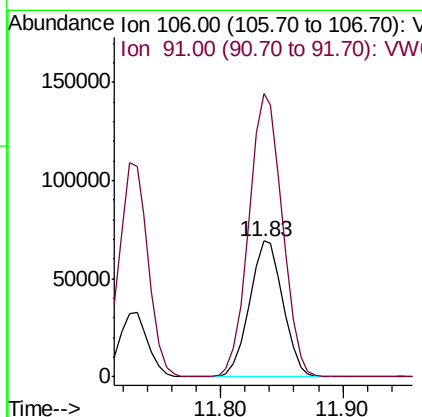
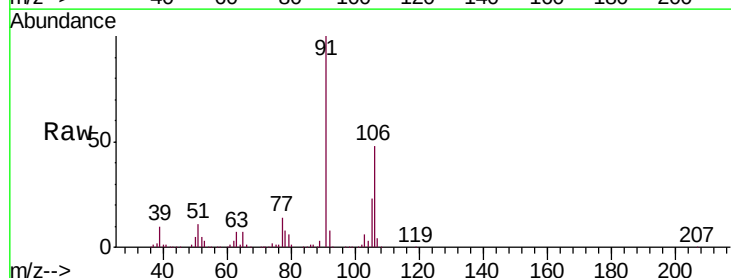
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

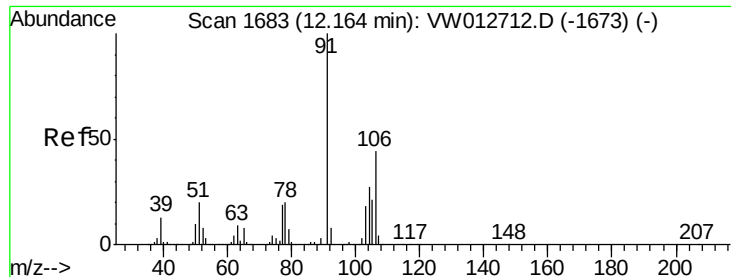
Tgt Ion: 91 Resp: 180466
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#68
m/p-Xylenes
Concen: 38.833 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 106 Resp: 131547
Ion Ratio Lower Upper
106 100
91 208.3 168.2 252.4

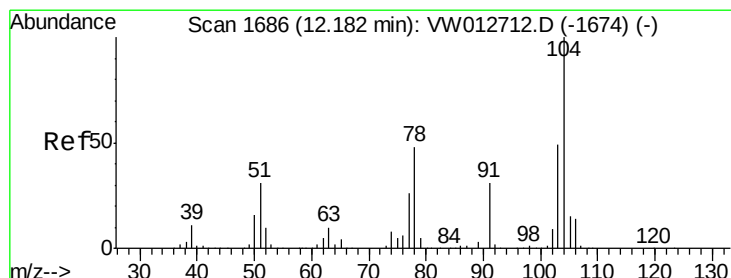
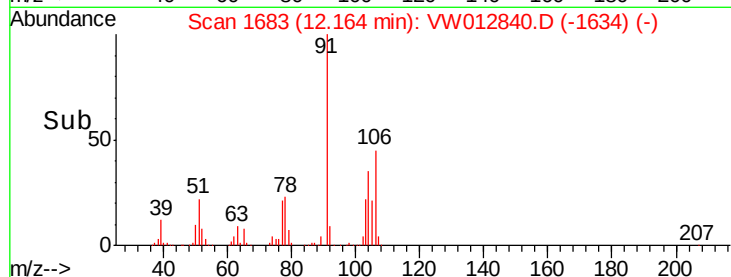
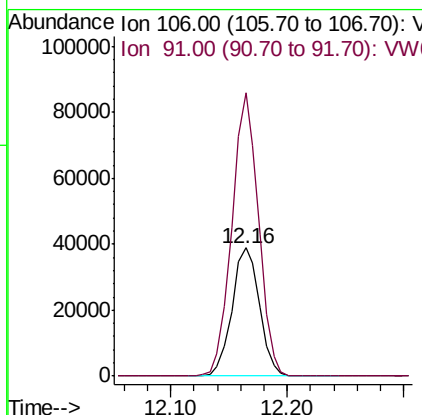
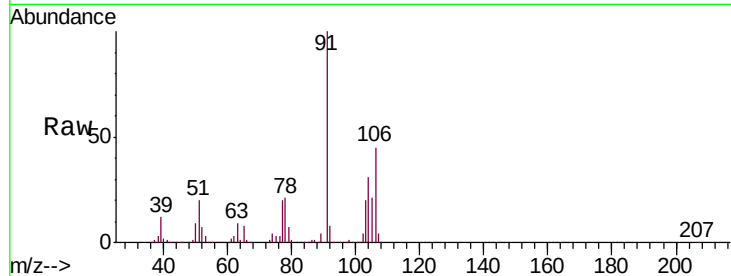




#69
o-Xylene
Concen: 20.008 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

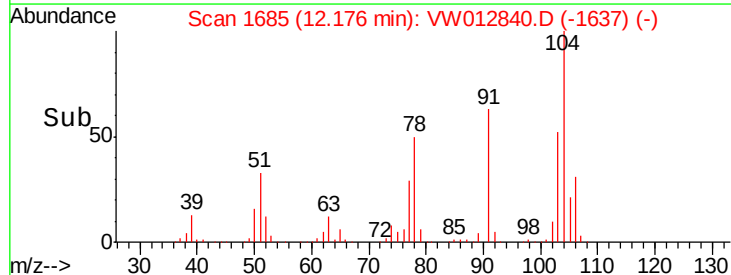
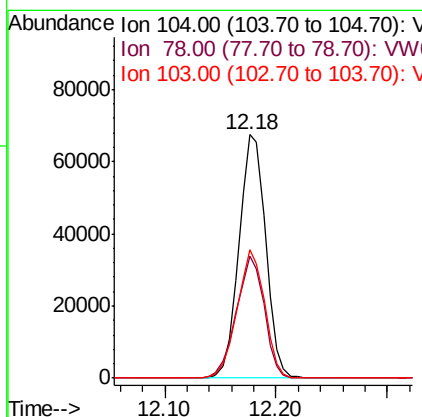
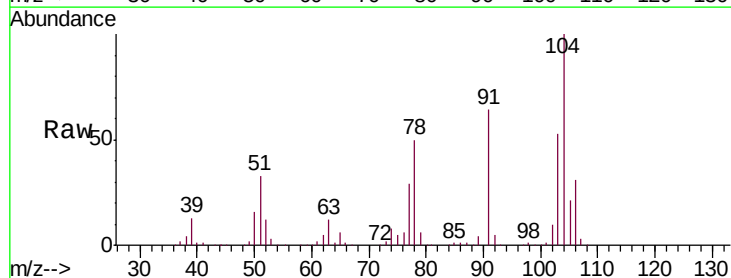
Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

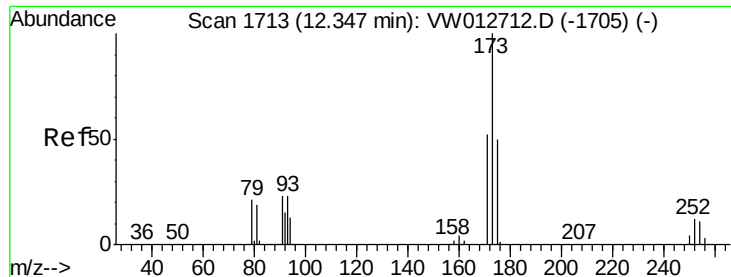
Tgt Ion:106 Resp: 63941
Ion Ratio Lower Upper
106 100
91 213.9 112.3 336.8



#70
Styrene
Concen: 19.835 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion:104 Resp: 112015
Ion Ratio Lower Upper
104 100
78 52.3 43.3 64.9
103 54.3 44.0 66.0





#71

Bromoform

Concen: 20.218 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

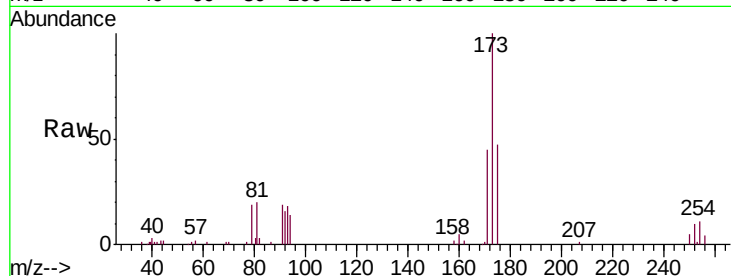
Tgt Ion:173 Resp: 20924

Ion Ratio Lower Upper

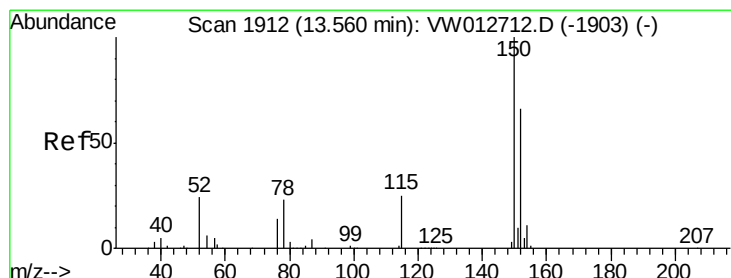
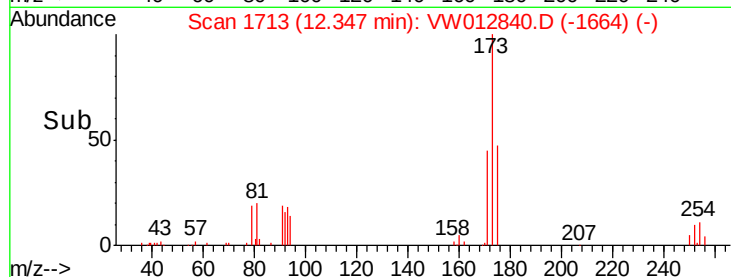
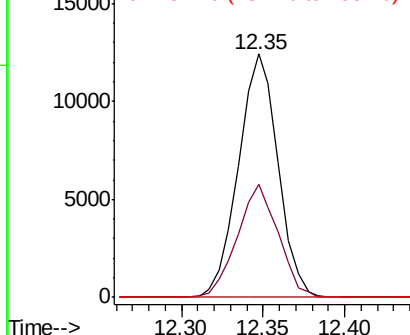
173 100

175 48.0 24.8 74.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

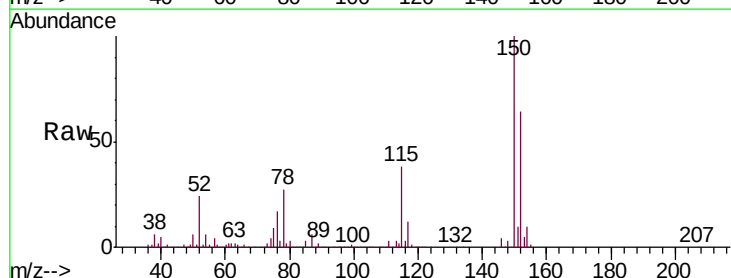
Tgt Ion:152 Resp: 131494

Ion Ratio Lower Upper

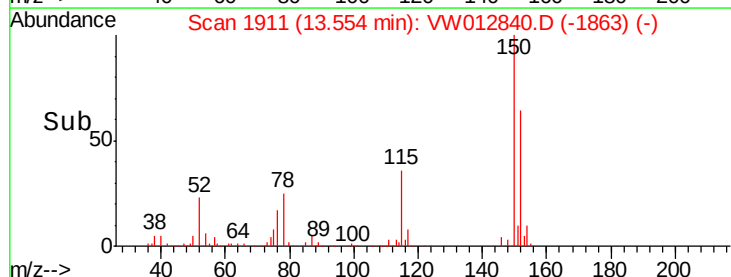
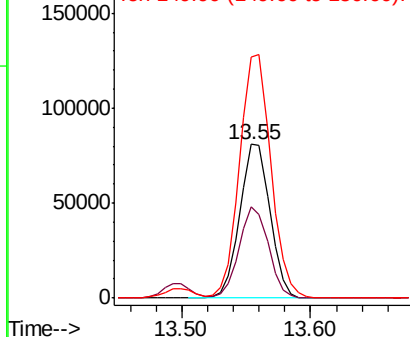
152 100

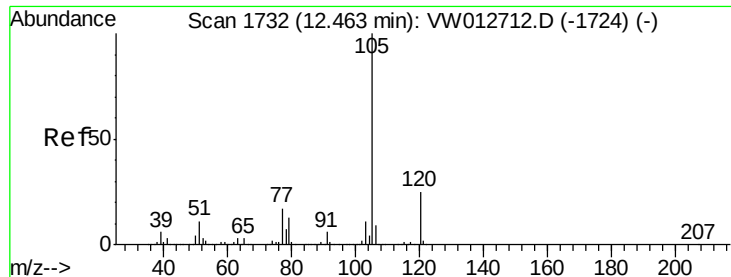
115 57.9 30.0 90.1

150 164.8 0.0 349.0



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: 19.292 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

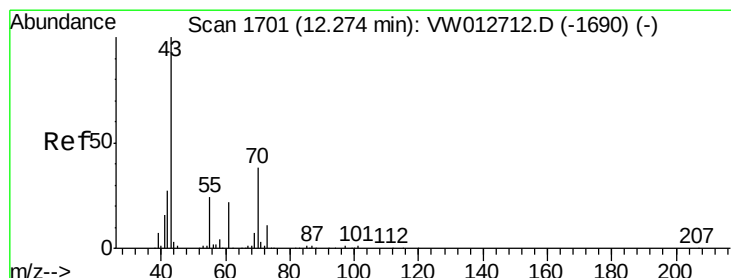
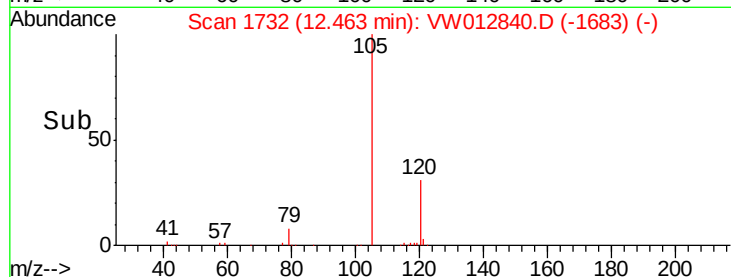
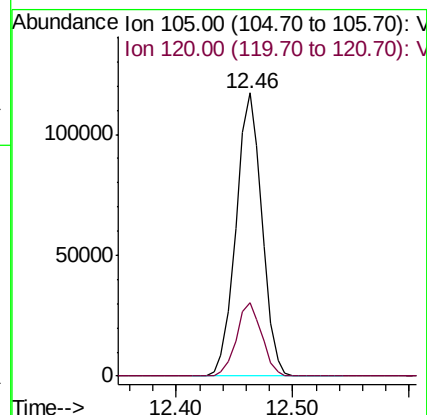
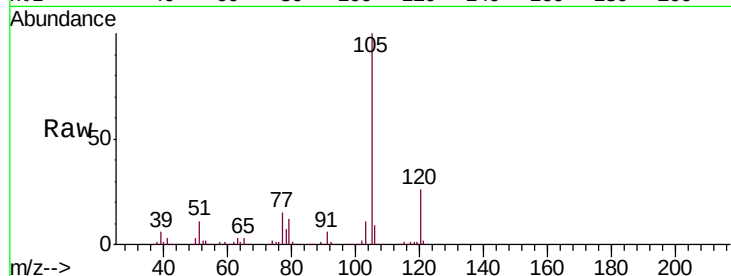
VW0909SBS02

Tgt Ion: 105 Resp: 181943

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9



#74

N-ethyl acetate

Concen: 18.156 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion: 43 Resp: 54351

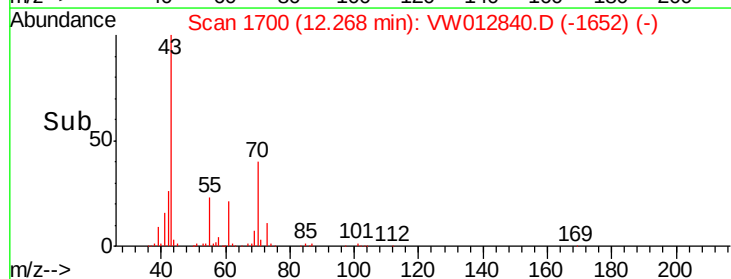
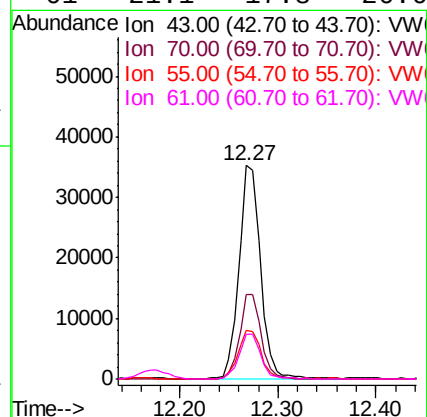
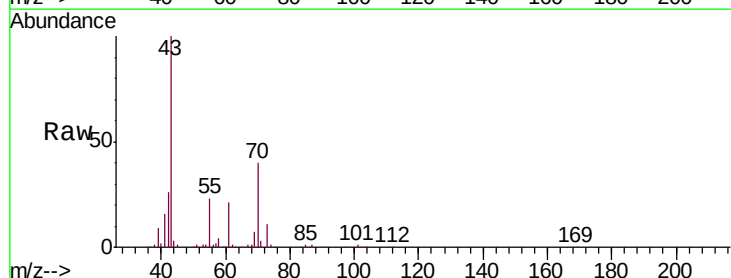
Ion Ratio Lower Upper

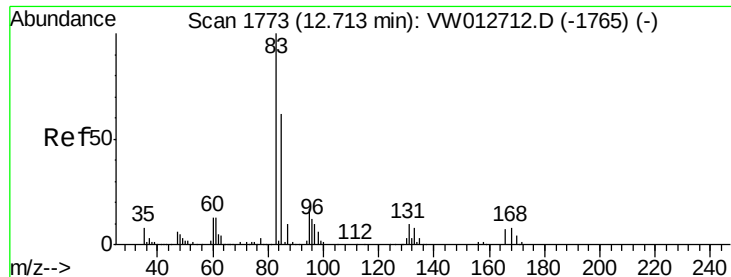
43 100

70 39.0 29.4 44.0

55 23.9 18.6 27.8

61 21.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.330 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

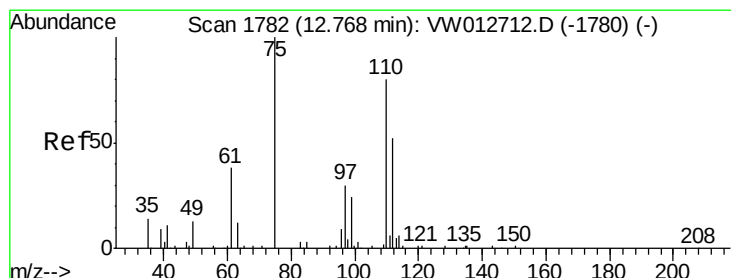
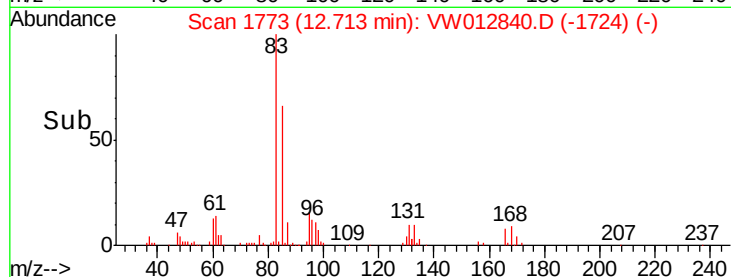
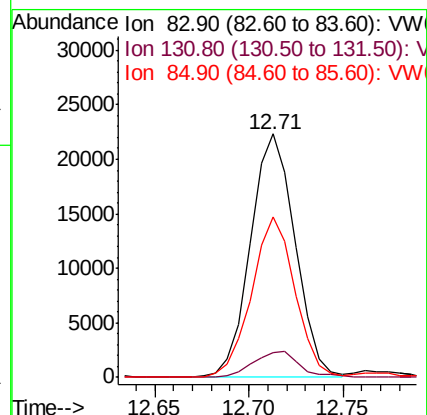
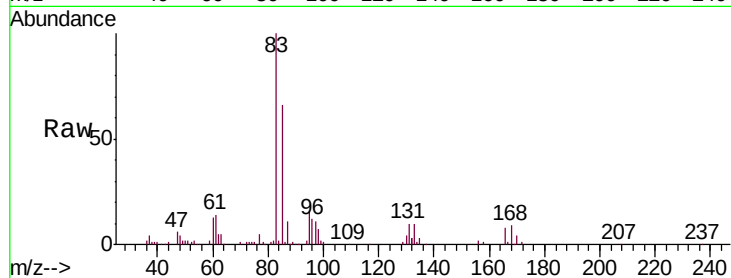
Tgt Ion: 83 Resp: 36612

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

85 64.1 31.4 94.2



#76

1,2,3-Trichloropropane

Concen: 36.289 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012840.D

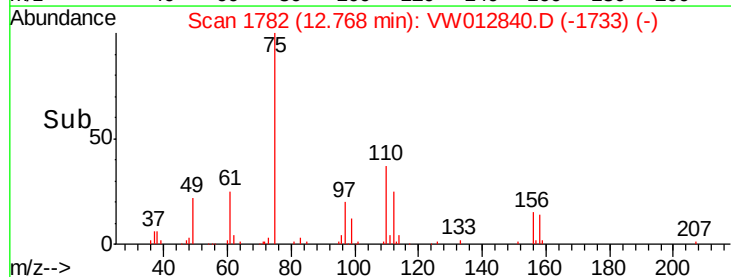
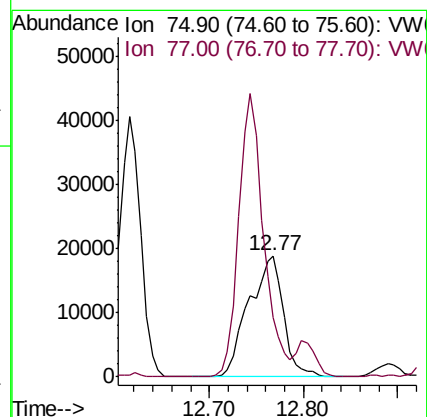
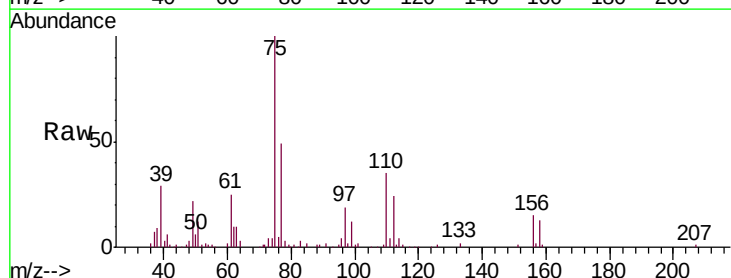
Acq: 10 Sep 2019 00:11

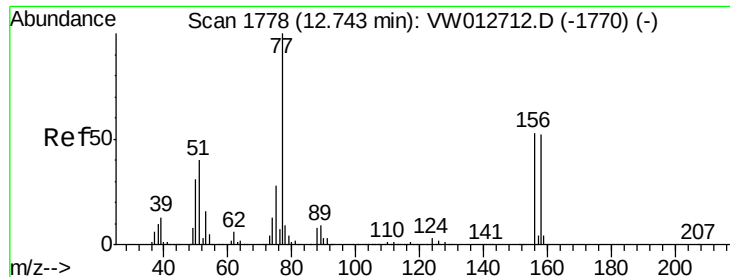
Tgt Ion: 75 Resp: 48794

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.686 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

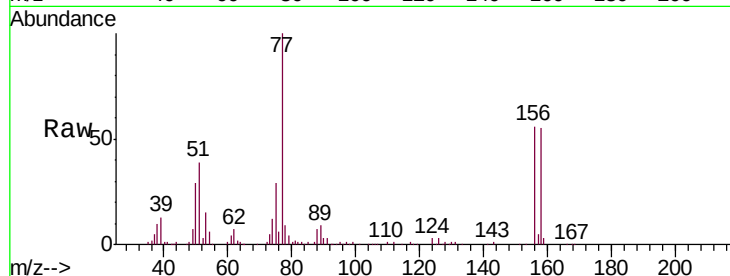
Tgt Ion:156 Resp: 42063

Ion Ratio Lower Upper

156 100

77 193.8 102.3 306.9

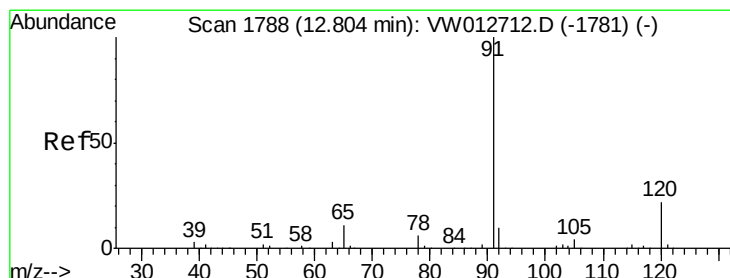
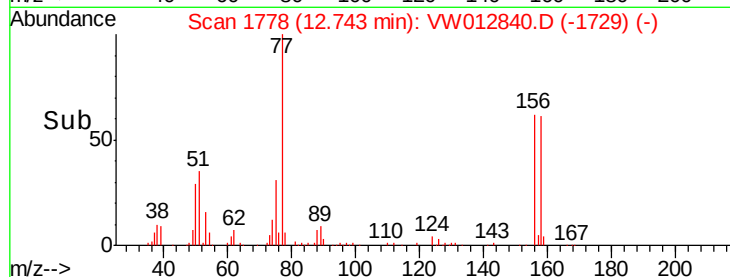
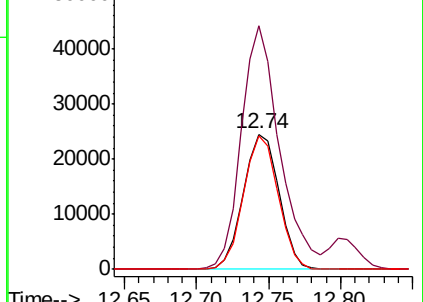
158 95.8 48.9 146.8



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: 18.550 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012840.D

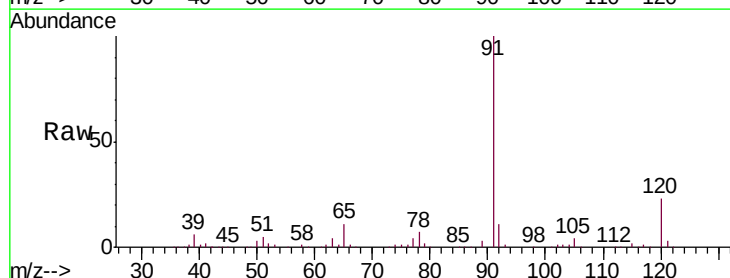
Acq: 10 Sep 2019 00:11

Tgt Ion: 91 Resp: 209237

Ion Ratio Lower Upper

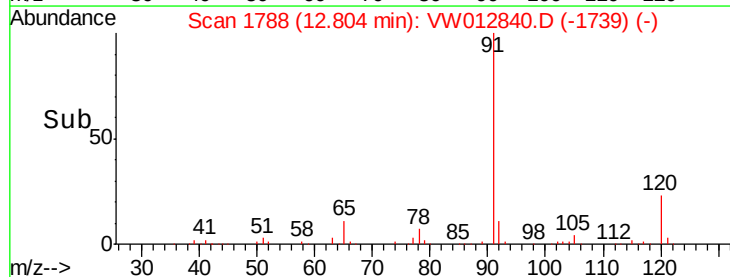
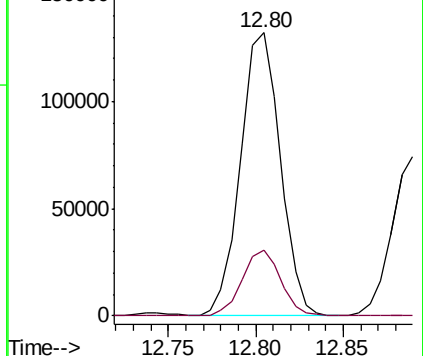
91 100

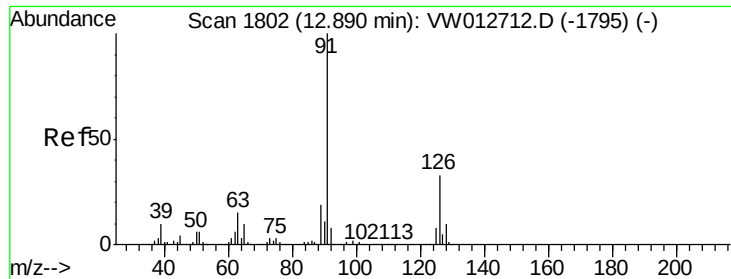
120 22.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.042 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

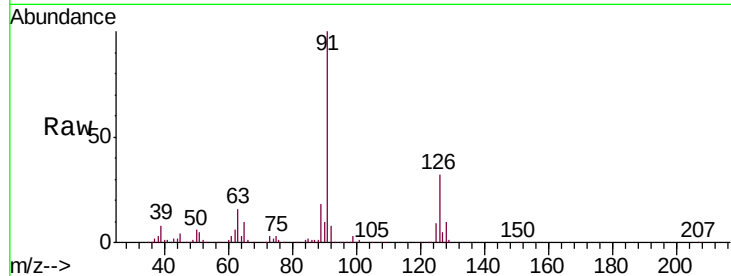
VW0909SBS02

Tgt Ion: 91 Resp: 123303

Ion Ratio Lower Upper

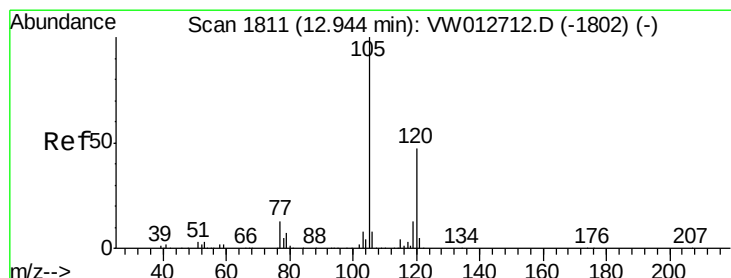
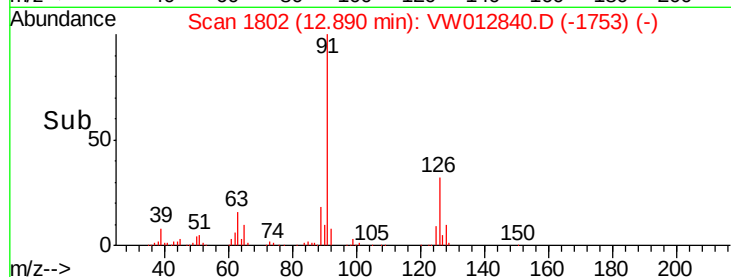
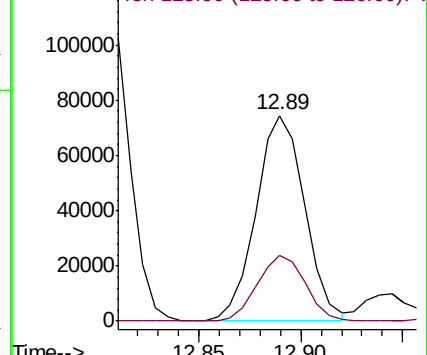
91 100

126 31.9 16.1 48.3



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: 19.216 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW012840.D

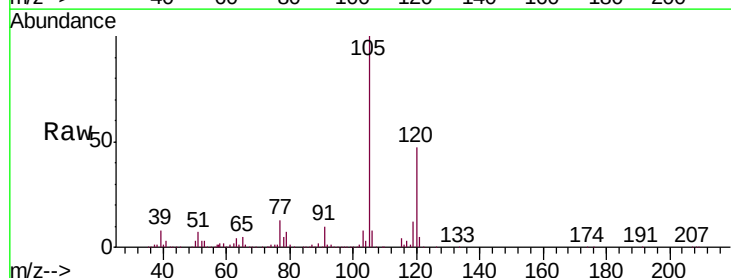
Acq: 10 Sep 2019 00:11

Tgt Ion: 105 Resp: 152713

Ion Ratio Lower Upper

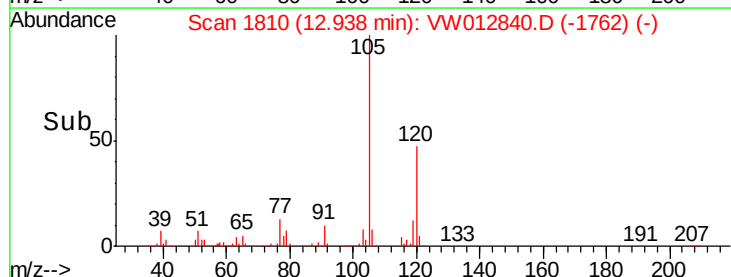
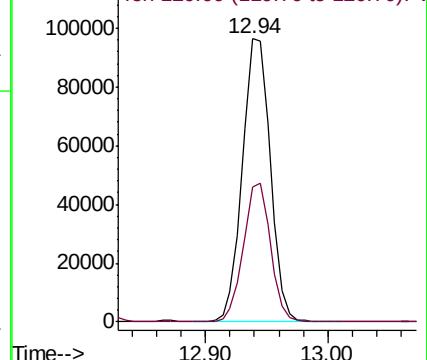
105 100

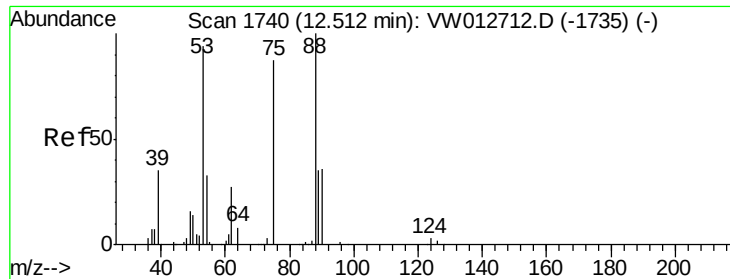
120 47.6 23.9 71.8



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: 17.214 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

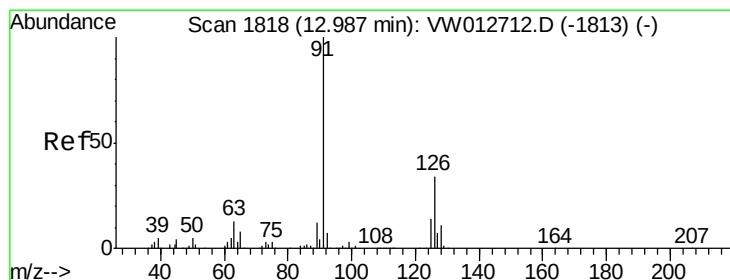
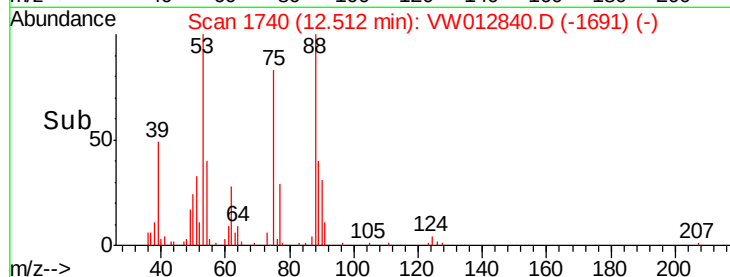
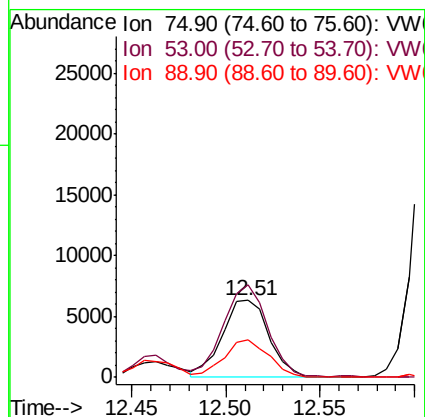
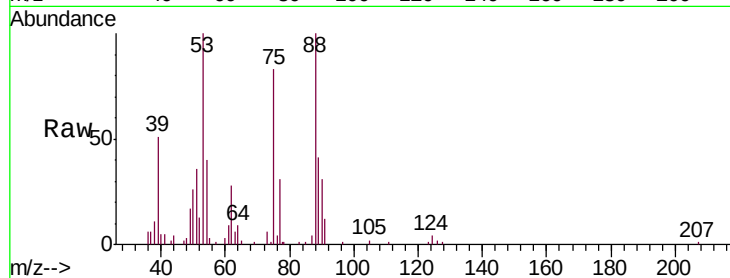
Tgt Ion: 75 Resp: 10943

Ion Ratio Lower Upper

75 100

53 114.6 87.6 131.4

89 46.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 18.411 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012840.D

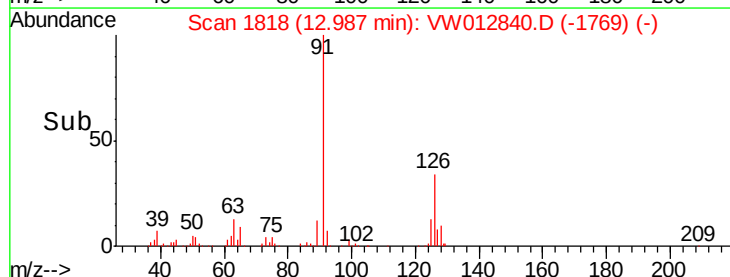
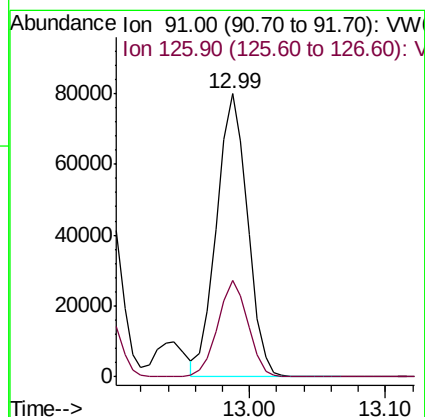
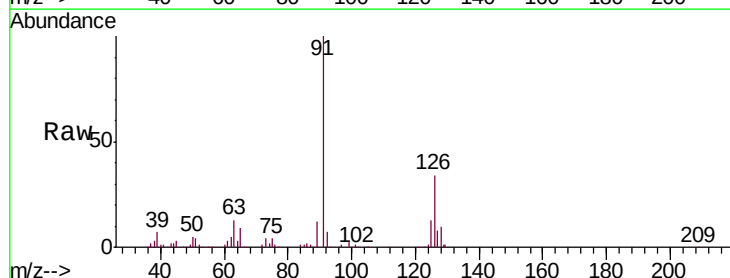
Acq: 10 Sep 2019 00:11

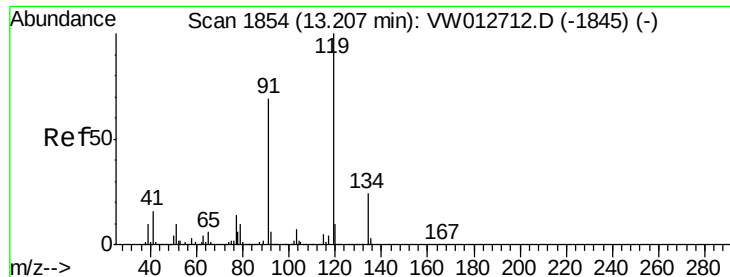
Tgt Ion: 91 Resp: 126102

Ion Ratio Lower Upper

91 100

126 33.3 15.9 47.6





#83

tert-Butylbenzene

Concen: 19.023 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampled :

VW0909SBS02

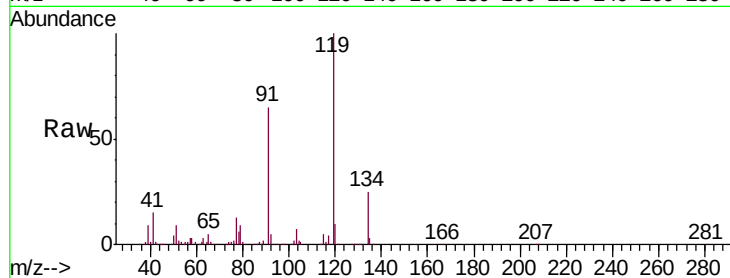
Tgt Ion:119 Resp: 133668

Ion Ratio Lower Upper

119 100

91 65.7 34.2 102.5

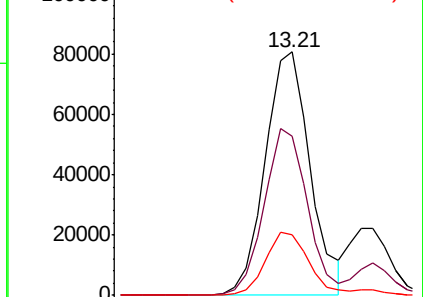
134 26.8 12.3 36.9



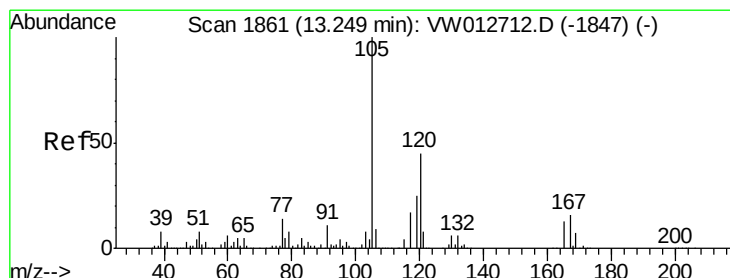
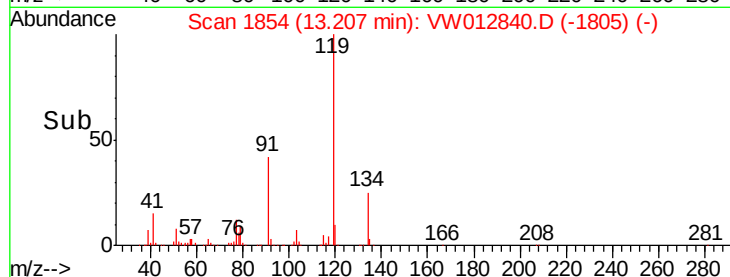
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 18.871 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW012840.D

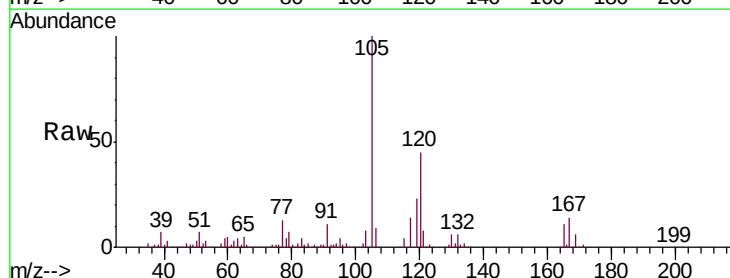
Acq: 10 Sep 2019 00:11

Tgt Ion:105 Resp: 151116

Ion Ratio Lower Upper

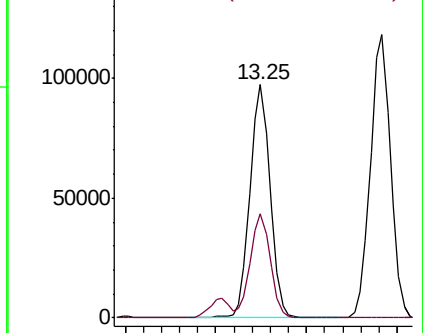
105 100

120 44.3 22.1 66.3

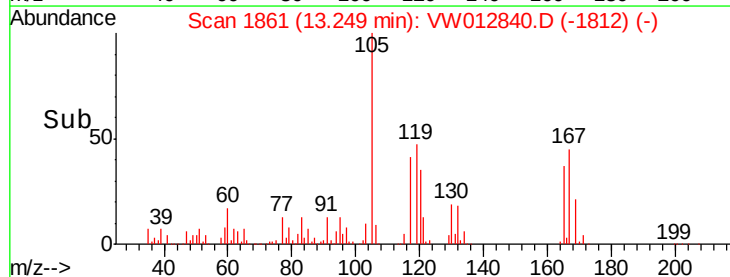


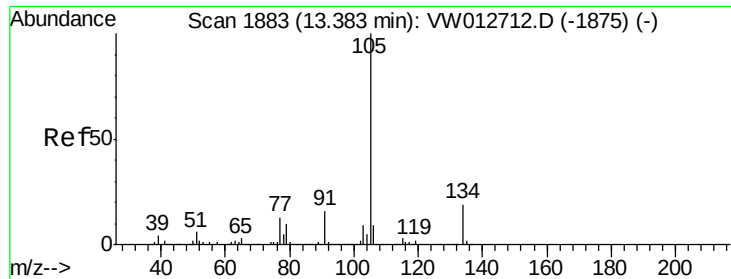
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

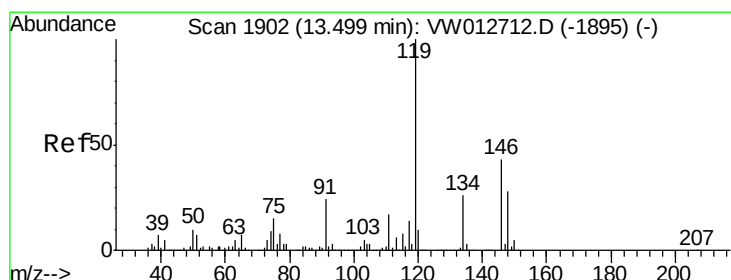
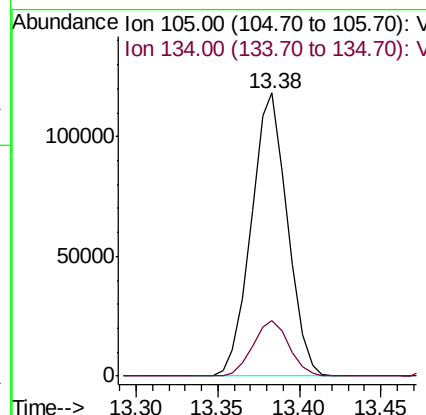
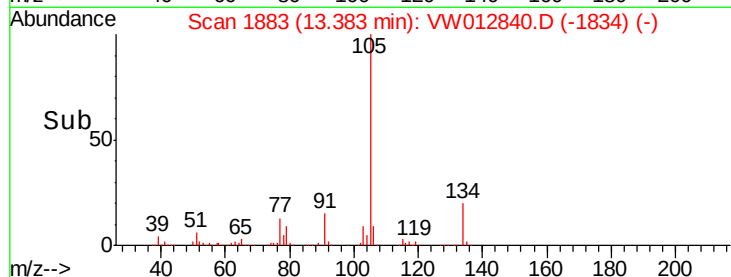
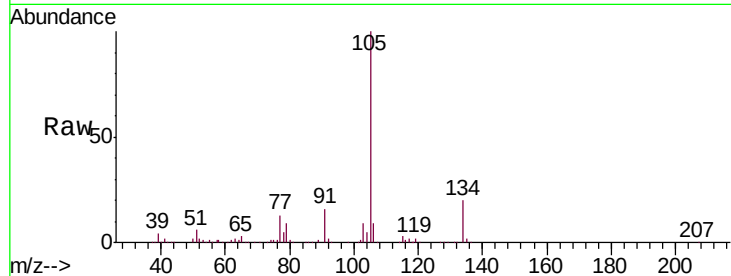




#85
 sec-Butylbenzene
 Concen: 18.652 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

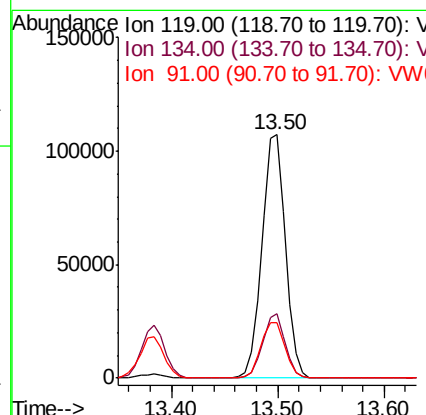
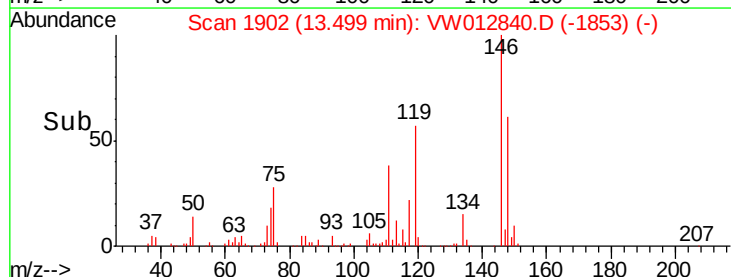
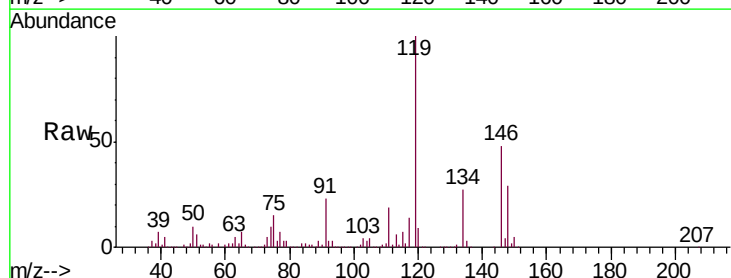
Instrument :
 MSVOA_W
 ClientSampled :
 VW0909SBS02

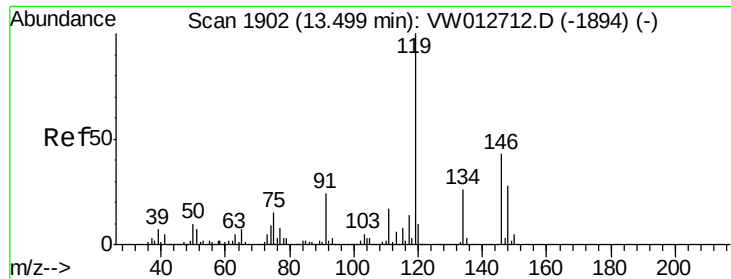
Tgt Ion:105 Resp: 181873
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.526 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion:119 Resp: 165004
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 23.8 12.2 36.6

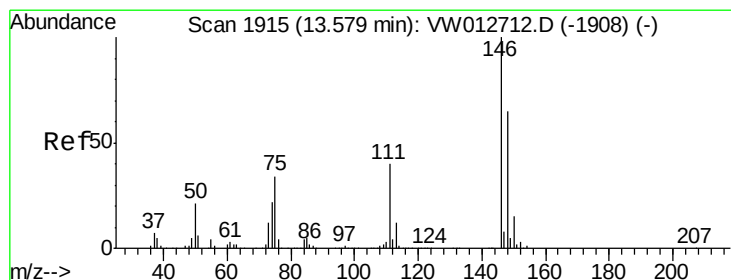
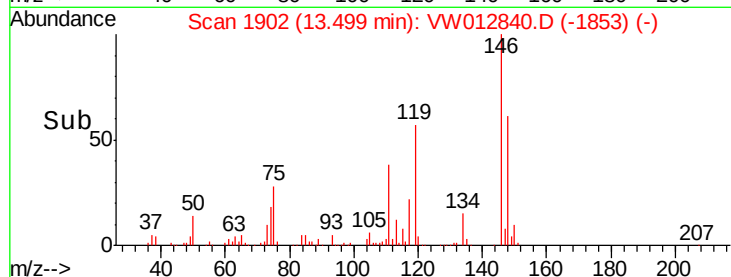
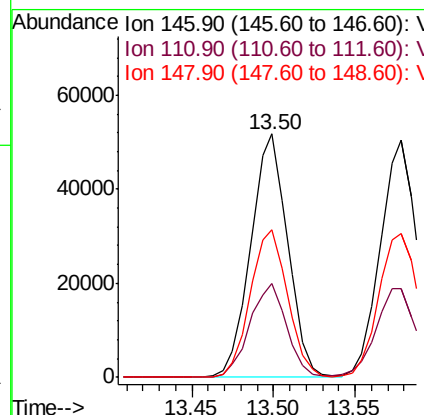
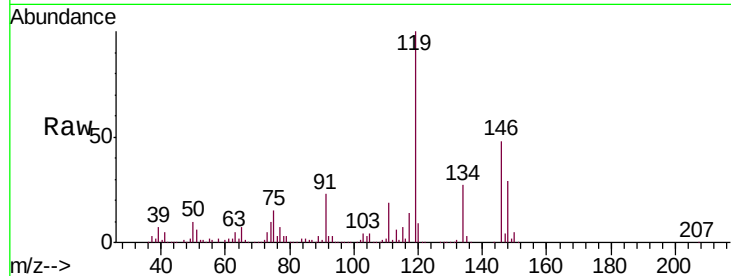




#87
 1,3-Dichlorobenzene
 Concen: 19.370 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

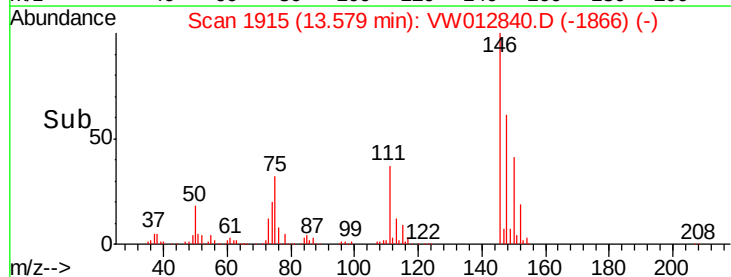
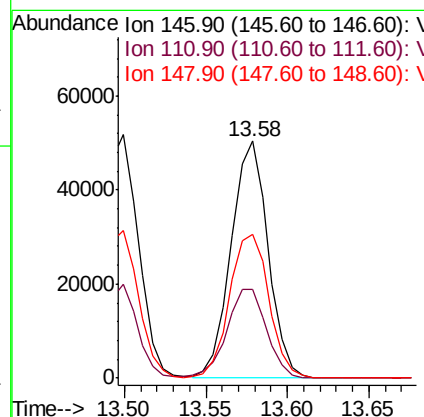
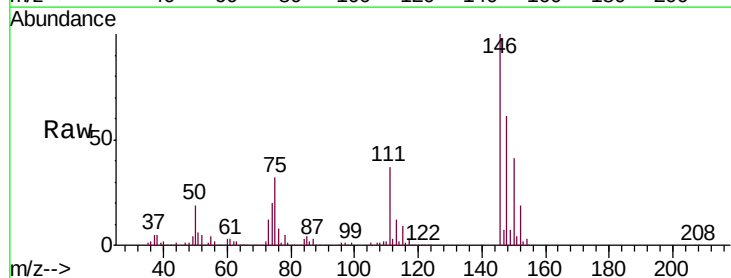
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

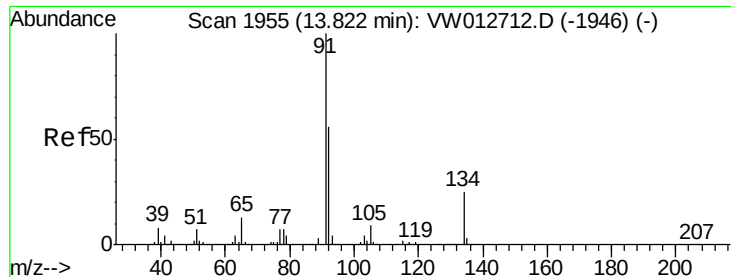
Tgt Ion:146 Resp: 81348
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.4 61.2
 148 61.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.079 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion:146 Resp: 79731
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 64.8 32.2 96.6





#89

n-Butylbenzene

Concen: 17.515 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

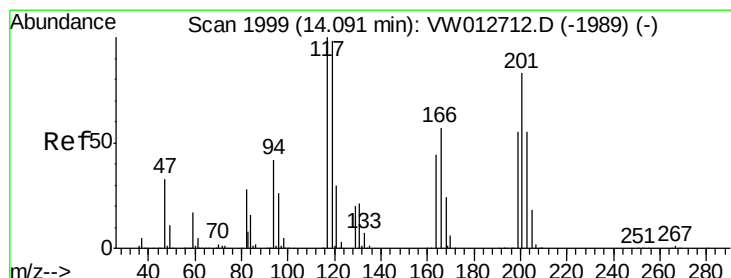
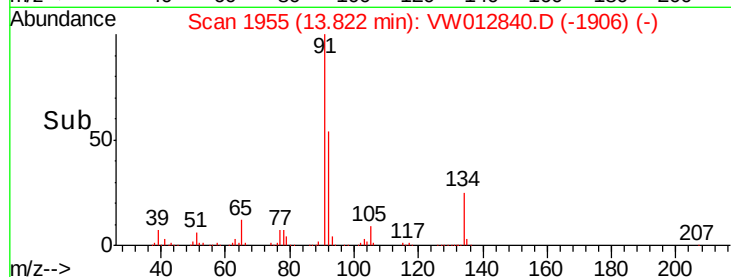
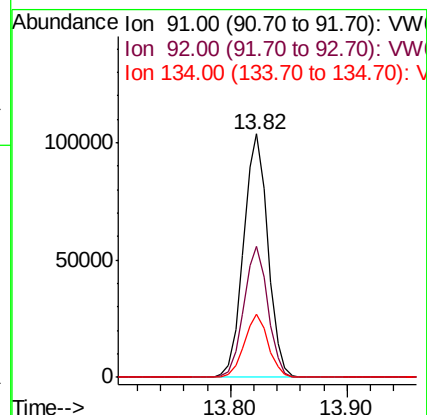
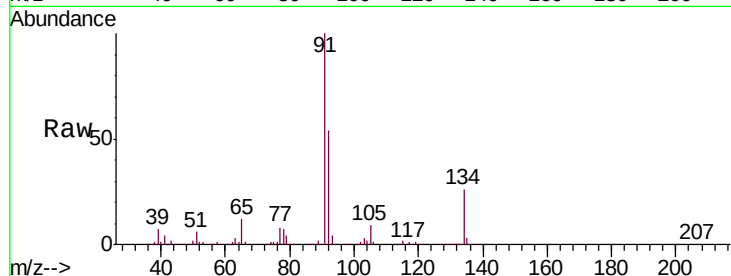
Tgt Ion: 91 Resp: 151443

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.5

134 25.5 12.7 38.1



#90

Hexachloroethane

Concen: 18.419 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012840.D

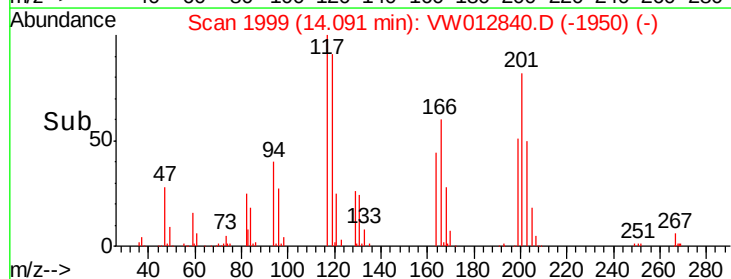
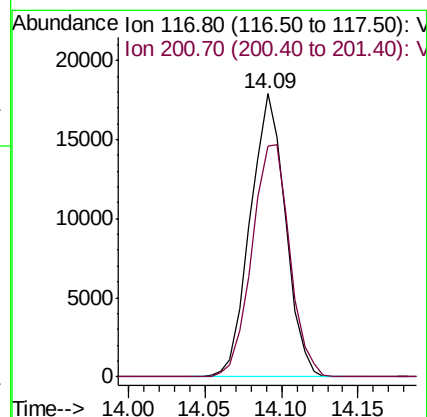
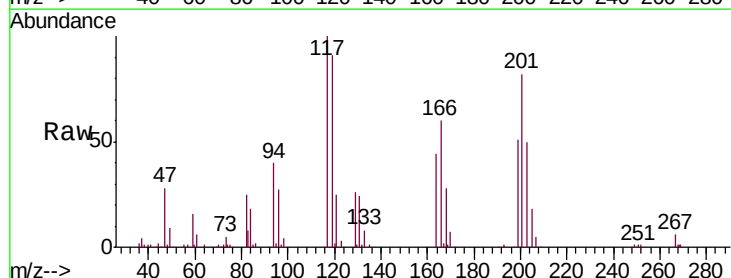
Acq: 10 Sep 2019 00:11

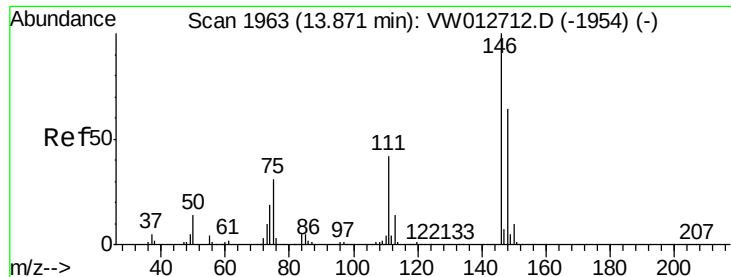
Tgt Ion: 117 Resp: 28638

Ion Ratio Lower Upper

117 100

201 88.1 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 19.406 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

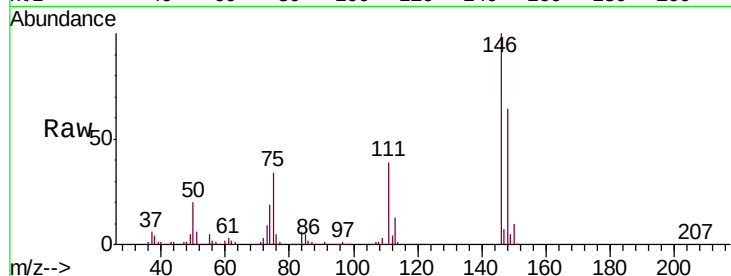
Tgt Ion:146 Resp: 73356

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

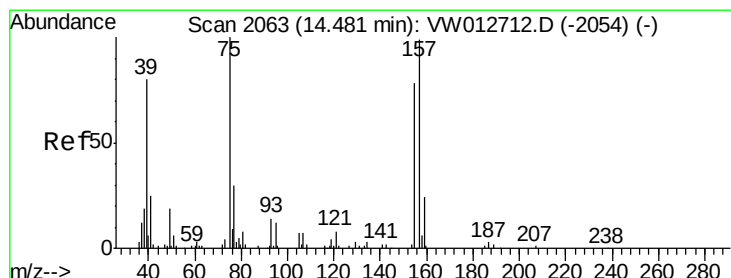
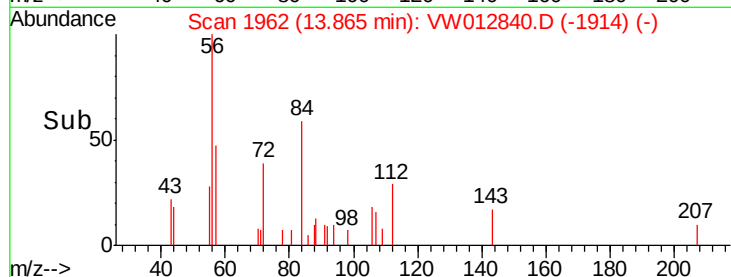
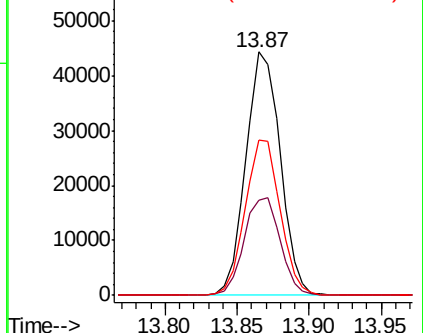
148 64.7 32.1 96.5



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: 18.597 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

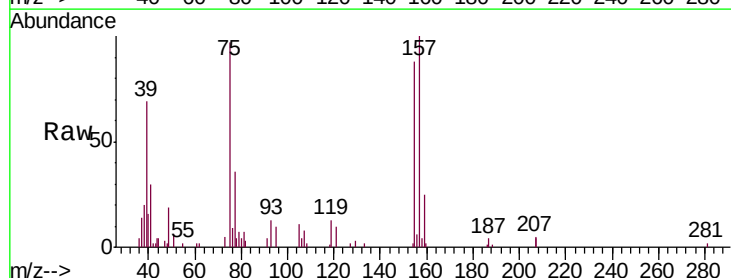
Tgt Ion: 75 Resp: 6446

Ion Ratio Lower Upper

75 100

155 89.2 40.6 122.0

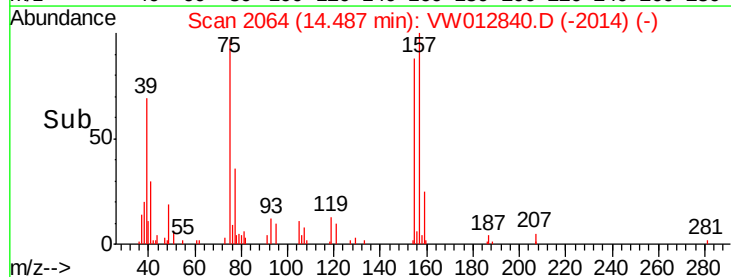
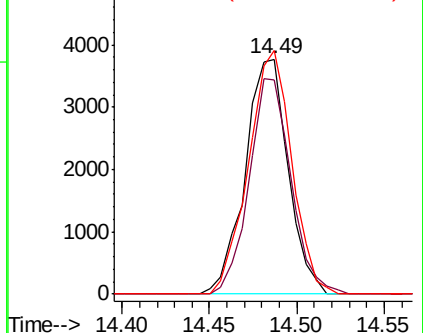
157 104.1 52.5 157.5

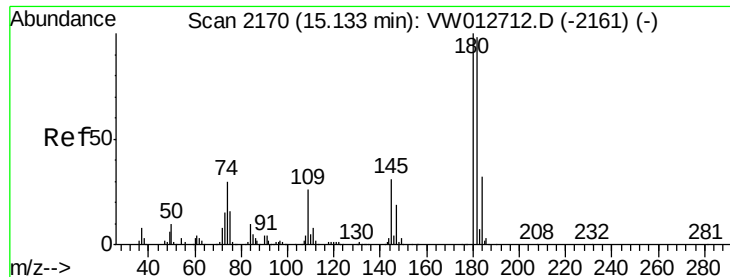


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

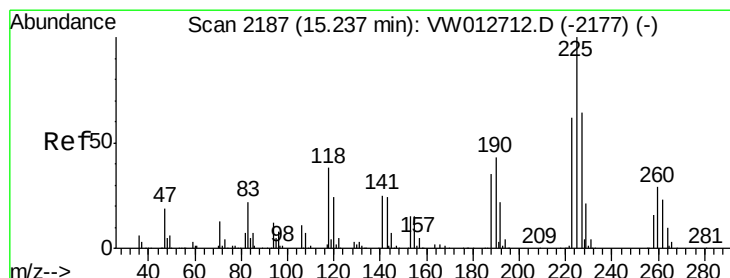
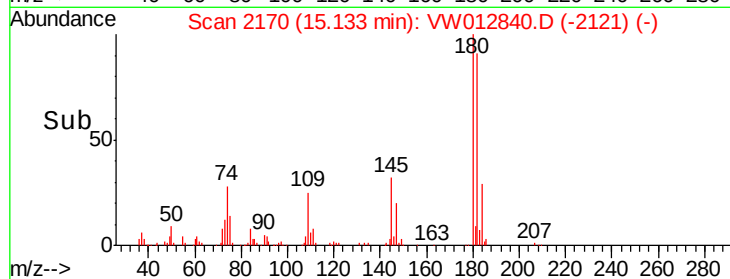
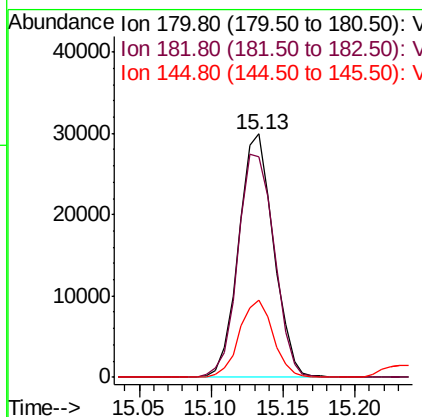
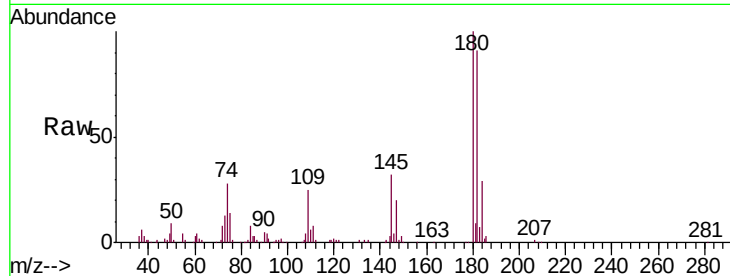




#93
 1,2,4-Trichlorobenzene
 Concen: 19.066 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

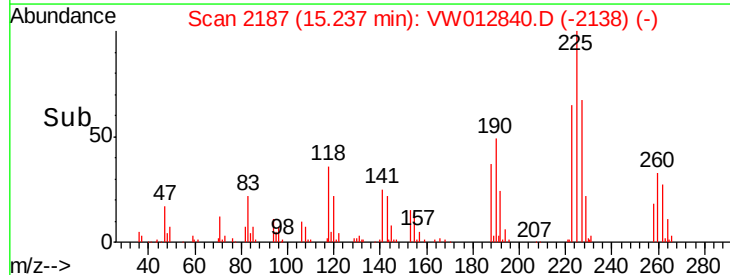
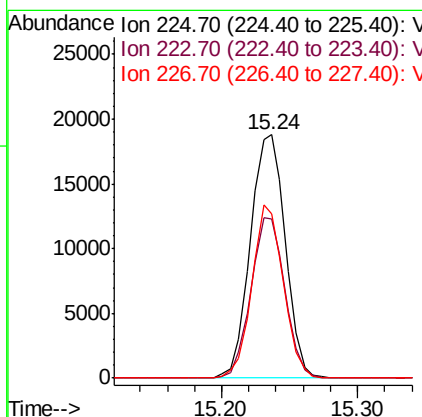
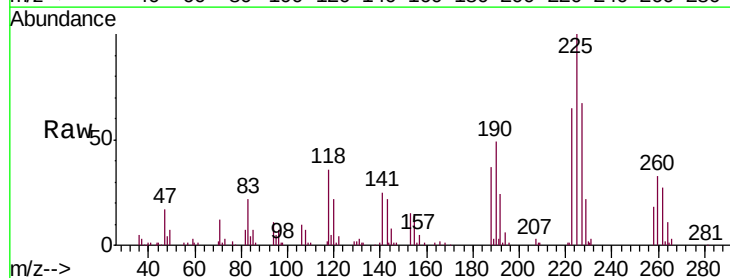
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

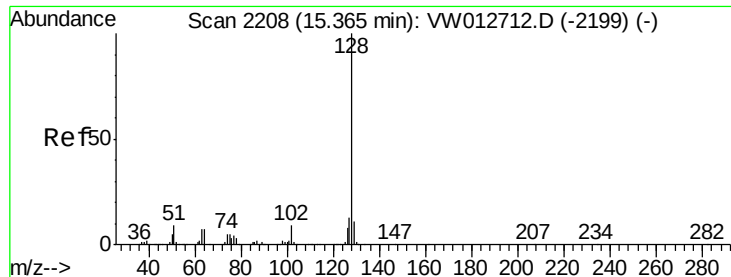
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.7	146.1
145	30.7	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 18.567 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.3
227	64.1	31.4	94.2

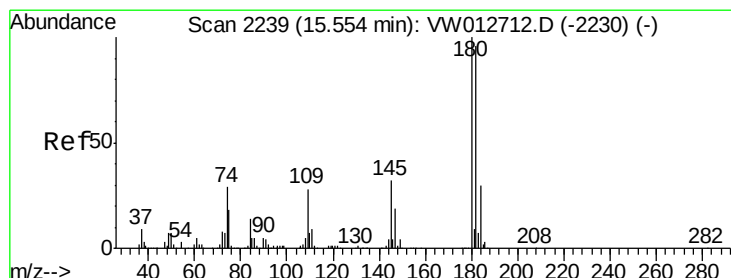
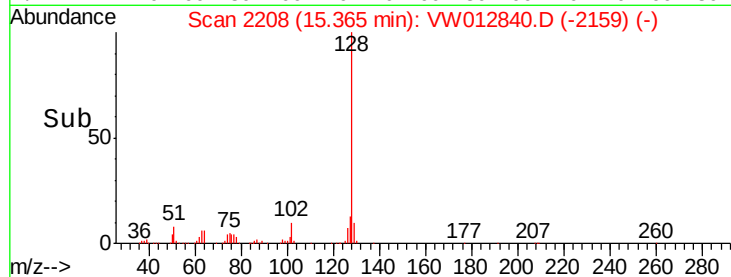
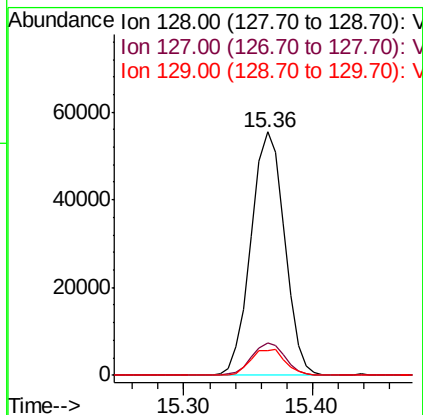
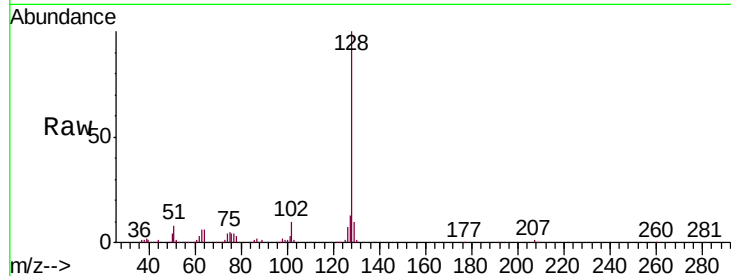




#95
Naphthalene
Concen: 20.915 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tgt Ion:128 Resp: 99750
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.725 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion:180 Resp: 45823
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 31.0 15.4 46.2

