

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013059.D
 Acq On : 17 Sep 2019 00:36
 Operator : SY/VA
 Sample : VW0916SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS02

Quant Time: Sep 17 07:26:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	167545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121249	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.88	113	101128	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.32	98	415004	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.62	95	148043	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	25804	23.728	ug/l	87
3) Chloromethane	2.20	50	30492	21.774	ug/l	97
4) Vinyl Chloride	2.35	62	38607	20.867	ug/l	96
5) Bromomethane	2.76	94	22526	19.937	ug/l	93
6) Chloroethane	2.91	64	23459	20.674	ug/l	92
7) Trichlorofluoromethane	3.25	101	21131	16.333	ug/l	99
8) Diethyl Ether	3.68	74	22643	22.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40769	20.776	ug/l	99
10) Methyl Iodide	4.26	142	51231	20.861	ug/l	98
11) Tert butyl alcohol	5.17	59	6485	20.586	ug/l #	20
12) 1,1-Dichloroethene	4.04	96	36828	20.641	ug/l	99
13) Acrolein	3.89	56	21540	118.713	ug/l	99
14) Allyl chloride	4.66	41	69535	20.529	ug/l	96
15) Acrylonitrile	5.36	53	68628	133.006	ug/l	99
16) Acetone	4.12	43	58955	102.257	ug/l	96
17) Carbon Disulfide	4.38	76	74114	20.844	ug/l	100
18) Methyl Acetate	4.67	43	43499	31.982	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	82619	23.458	ug/l	94
20) Methylene Chloride	4.92	84	45571	20.576	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	38878	20.345	ug/l	94
22) Diisopropyl ether	6.31	45	154701	21.985	ug/l	97
23) Vinyl Acetate	6.25	43	480045	113.902	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82533	20.343	ug/l	99
25) 2-Butanone	7.17	43	101654	133.913	ug/l	98
26) 2,2-Dichloropropane	7.16	77	53007	17.794	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	48707	21.290	ug/l	99
28) Bromochloromethane	7.51	49	36265	21.237	ug/l	100
29) Tetrahydrofuran	7.52	42	63239	146.210	ug/l	99
30) Chloroform	7.67	83	84383	20.470	ug/l	99
31) Cyclohexane	7.95	56	76302	22.735	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	68875	20.288	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63935	20.977	ug/l	99
37) Ethyl Acetate	7.25	43	42410	26.215	ug/l	98
38) Carbon Tetrachloride	8.06	117	62844	20.120	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	75522	22.612	ug/l	98
40) Benzene	8.32	78	179411	21.085	ug/l	100
41) Methacrylonitrile	7.48	41	26472	24.847	ug/l	92
42) 1,2-Dichloroethane	8.40	62	60868	21.340	ug/l	97
43) Isopropyl Acetate	8.42	43	77330	24.895	ug/l	99
44) Trichloroethene	9.09	130	47149	20.230	ug/l	88
45) 1,2-Dichloropropane	9.37	63	48651	21.521	ug/l	98
46) Dibromomethane	9.46	93	24939	23.026	ug/l	99
47) Bromodichloromethane	9.64	83	62599	20.605	ug/l	99
48) Methyl methacrylate	9.43	41	37379	25.641	ug/l	96
49) 1,4-Dioxane	9.46	88	10227	563.525	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	220703	137.623	ug/l	100
52) Toluene	10.38	92	116763	21.596	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64344	21.059	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	75378	21.562	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	38326	23.229	ug/l	98
56) Ethyl methacrylate	10.65	69	55876	25.159	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69332	23.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	145723	122.318	ug/l	99
59) 2-Hexanone	10.97	43	152262	136.355	ug/l	100
60) Dibromochloromethane	11.13	129	42729	21.420	ug/l	96
61) 1,2-Dibromoethane	11.23	107	37173	24.697	ug/l	99
64) Tetrachloroethene	10.86	164	44317	22.211	ug/l	95
65) Chlorobenzene	11.65	112	123958	20.749	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	46366	20.252	ug/l	98
67) Ethyl Benzene	11.73	91	230524	20.893	ug/l	99
68) m/p-Xylenes	11.83	106	170103	42.202	ug/l	99
69) o-Xylene	12.16	106	80457	21.291	ug/l	100
70) Styrene	12.18	104	140561	20.910	ug/l	99
71) Bromoform	12.35	173	26905	22.373	ug/l #	98
73) Isopropylbenzene	12.46	105	236437	21.290	ug/l	99
74) N-amyl acetate	12.27	43	68730	24.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49862	25.564	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64413	43.891	ug/l #	100
77) Bromobenzene	12.74	156	54400	21.263	ug/l	98
78) n-propylbenzene	12.80	91	270351	20.696	ug/l	99
79) 2-Chlorotoluene	12.89	91	154731	20.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	197826	21.056	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15044	23.254	ug/l	98
82) 4-Chlorotoluene	12.99	91	164044	20.704	ug/l	99
83) tert-Butylbenzene	13.21	119	179003	21.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	192634	20.749	ug/l	98
85) sec-Butylbenzene	13.38	105	244212	21.330	ug/l	99
86) p-Isopropyltoluene	13.49	119	218884	20.823	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	103423	20.421	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	104876	21.072	ug/l	99
89) n-Butylbenzene	13.82	91	203547	20.532	ug/l	99
90) Hexachloroethane	14.09	117	38665	20.525	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	94247	21.161	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8712	24.401	ug/l	96

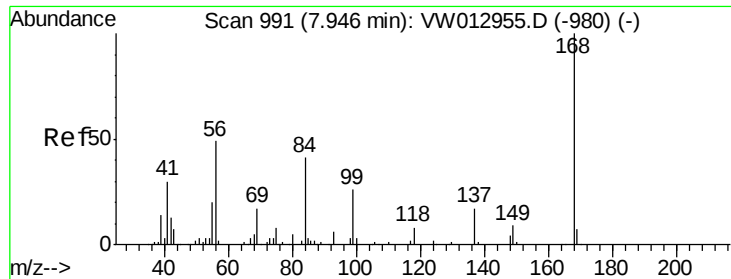
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
Data File : VW013059.D
Acq On : 17 Sep 2019 00:36
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Sample : VW0916SBSD02
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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65181	20.521	ug/l	99
94) Hexachlorobutadiene	15.24	225	45899	20.413	ug/l	98
95) Naphthalene	15.36	128	133306	25.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59567	21.215	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

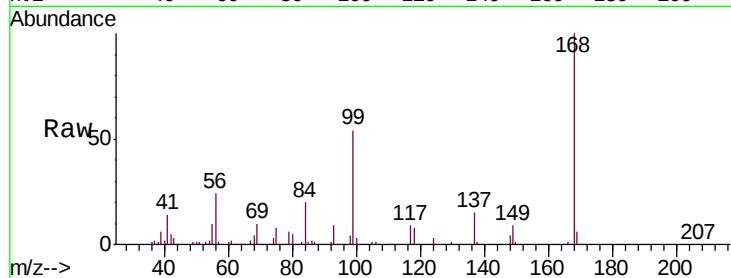
VW0916SBSD02

Tgt Ion:168 Resp: 258485

Ion Ratio Lower Upper

168 100

99 53.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

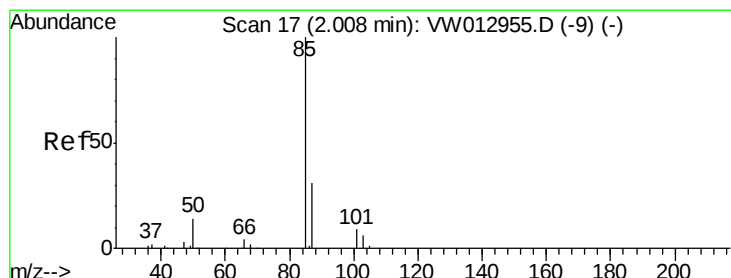
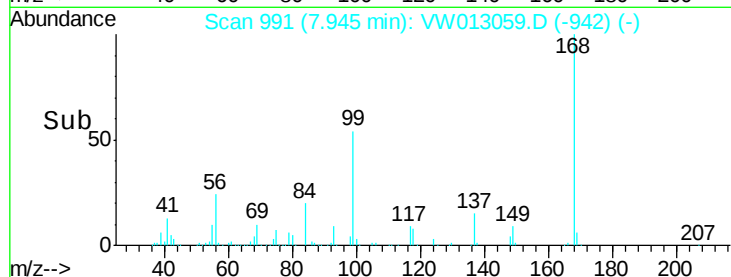
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.728 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013059.D

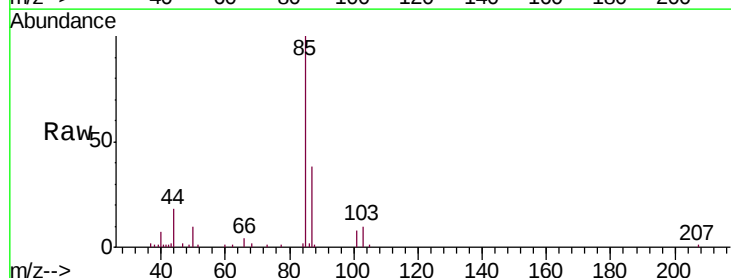
Acq: 17 Sep 2019 00:36

Tgt Ion: 85 Resp: 25804

Ion Ratio Lower Upper

85 100

87 38.1 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

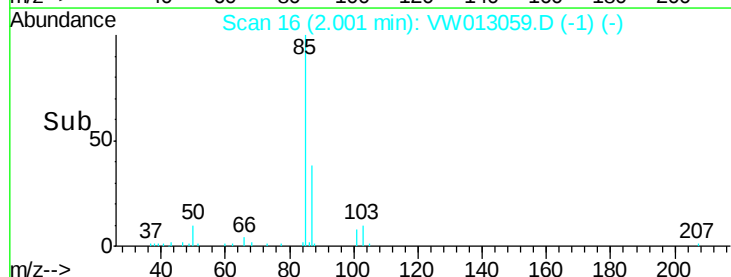
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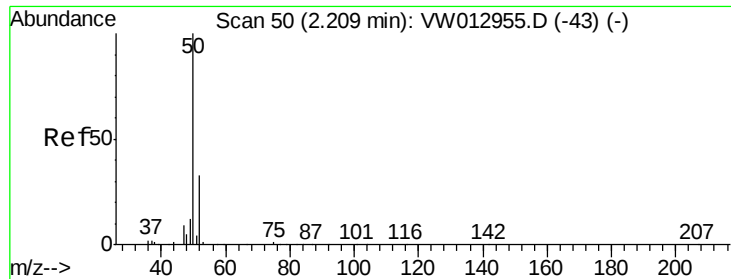
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.774 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

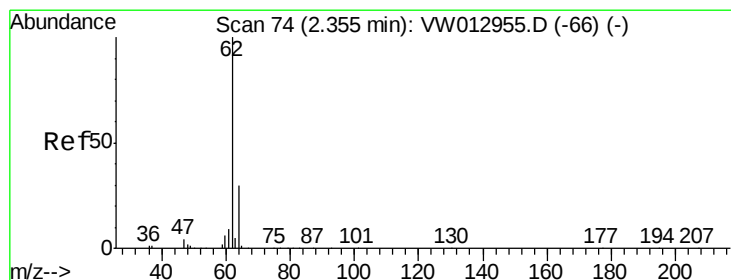
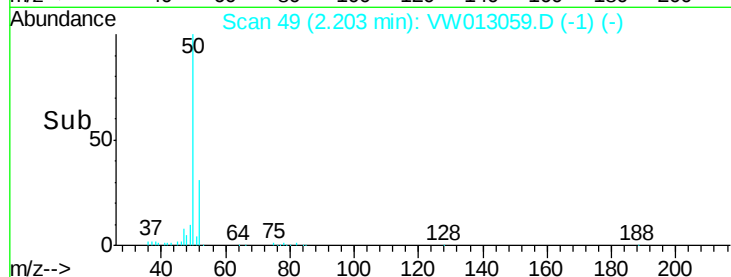
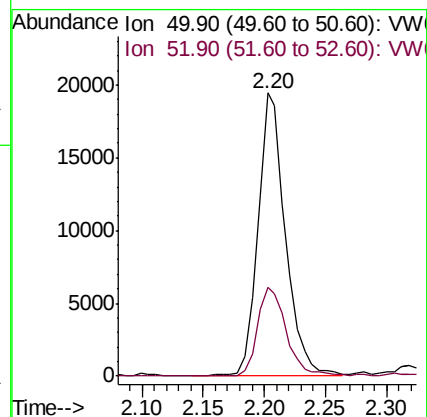
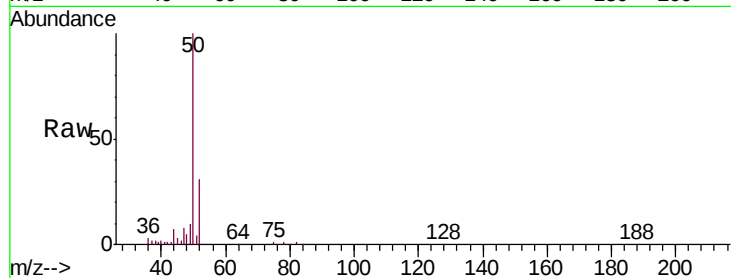
VW0916SBSD02

Tgt Ion: 50 Resp: 30492

Ion Ratio Lower Upper

50 100

52 31.5 26.6 39.8



#4

Vinyl Chloride

Concen: 20.867 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013059.D

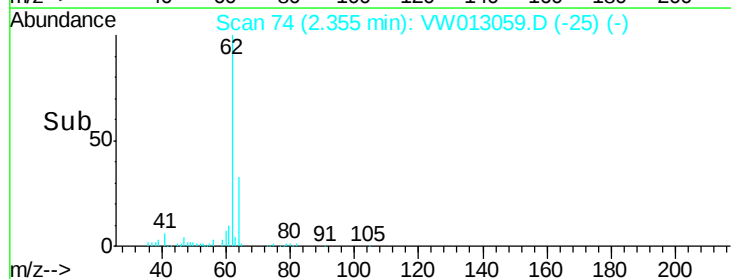
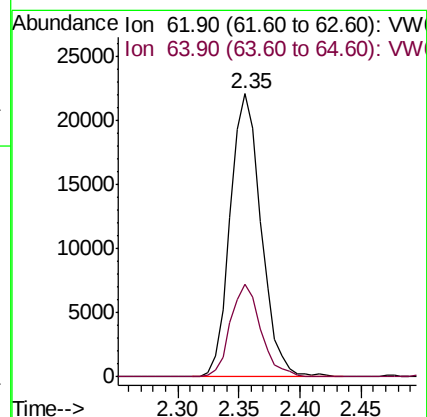
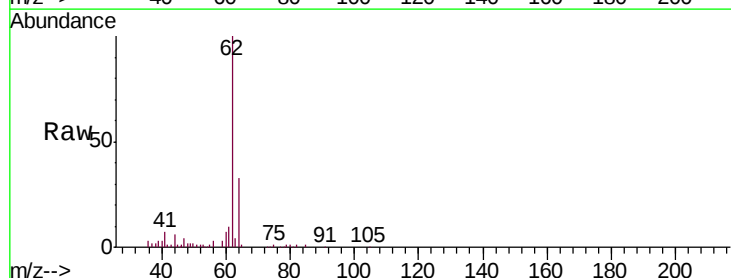
Acq: 17 Sep 2019 00:36

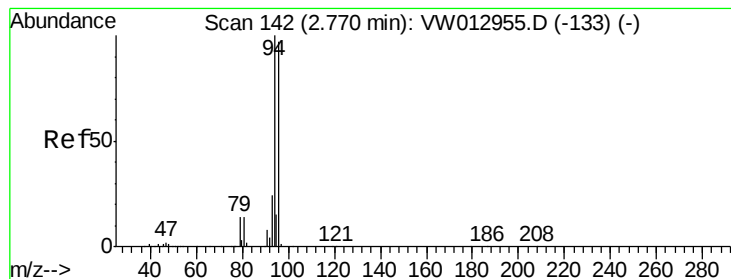
Tgt Ion: 62 Resp: 38607

Ion Ratio Lower Upper

62 100

64 32.7 24.2 36.4





#5

Bromomethane

Concen: 19.937 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

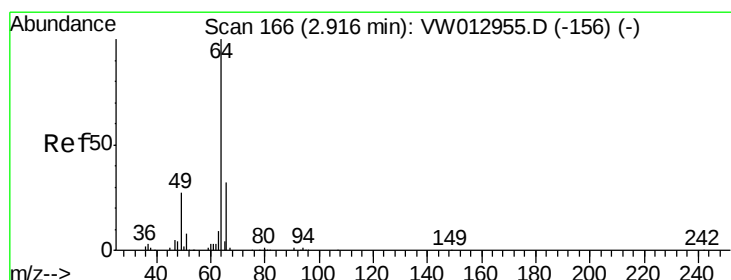
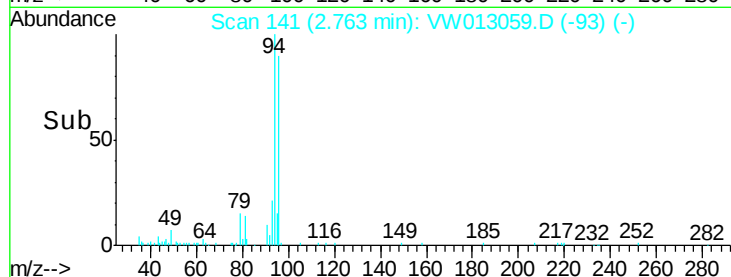
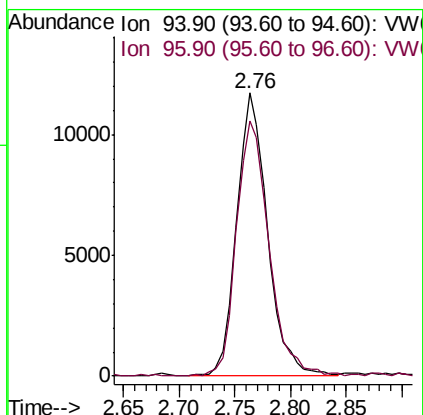
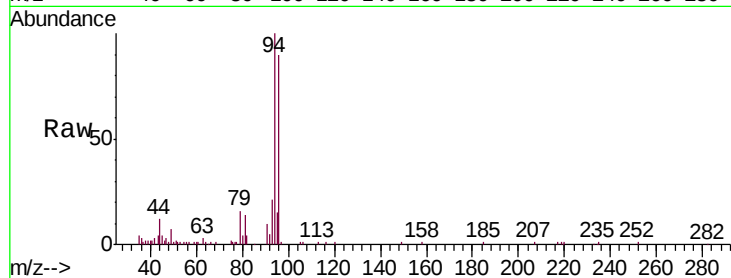
VW0916SBSD02

Tgt Ion: 94 Resp: 22526

Ion Ratio Lower Upper

94 100

96 90.1 77.8 116.6



#6

Chloroethane

Concen: 20.674 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013059.D

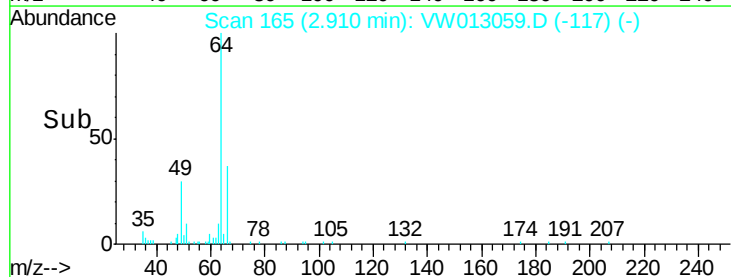
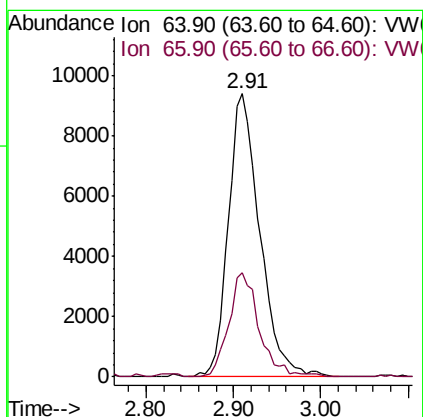
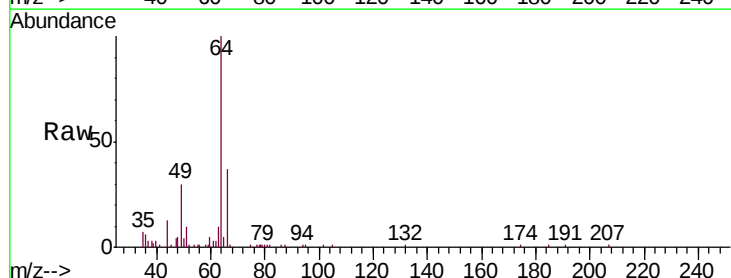
Acq: 17 Sep 2019 00:36

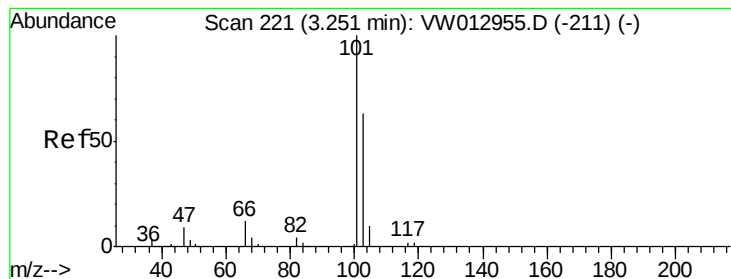
Tgt Ion: 64 Resp: 23459

Ion Ratio Lower Upper

64 100

66 37.0 25.9 38.9



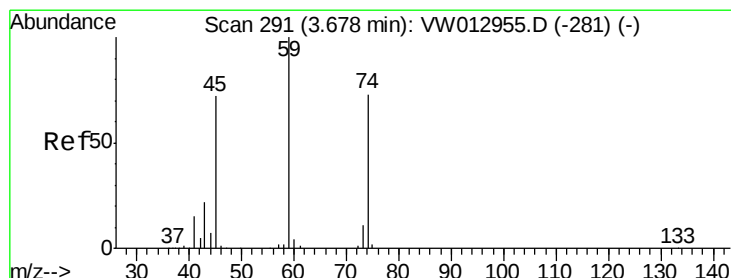
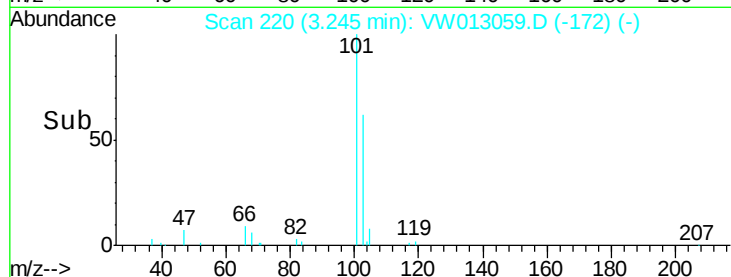
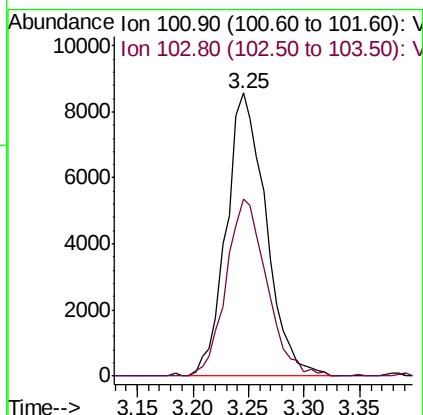
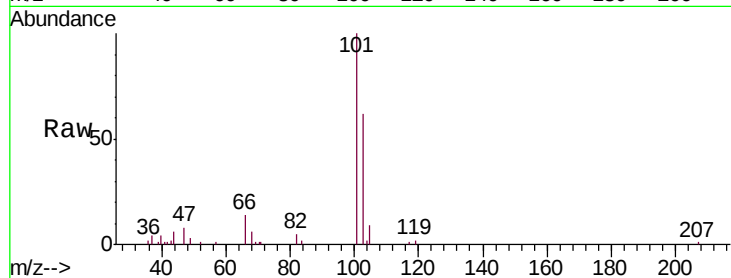


#7

Trichlorofluoromethane
 Concen: 16.333 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

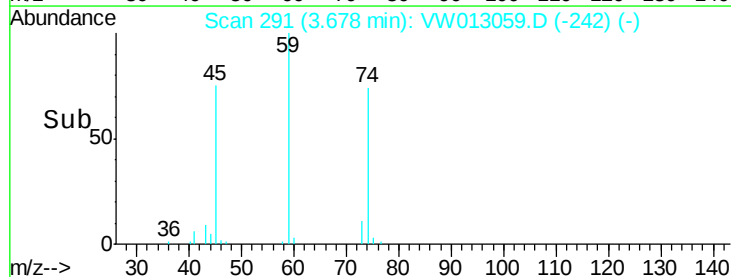
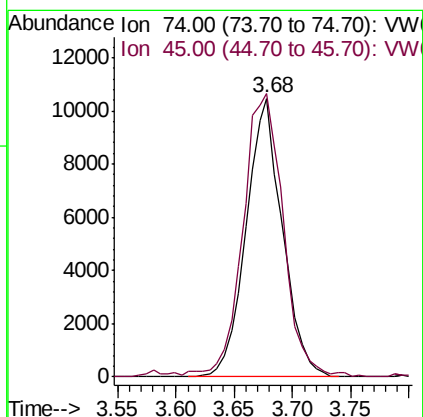
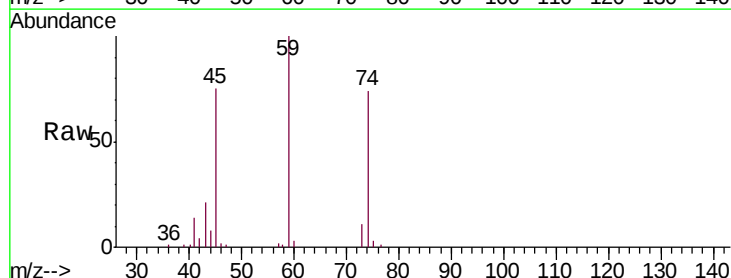
Tgt Ion:101 Resp: 21131
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.7 76.1

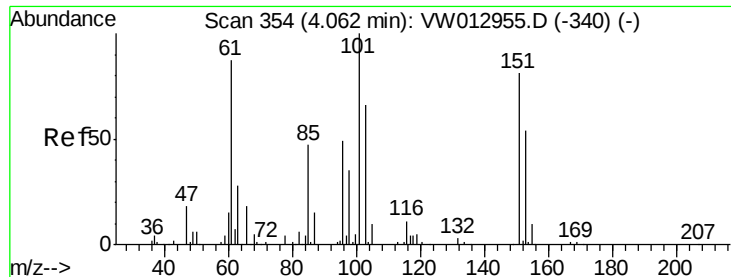


#8

Diethyl Ether
 Concen: 22.413 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 74 Resp: 22643
 Ion Ratio Lower Upper
 74 100
 45 113.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.776 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

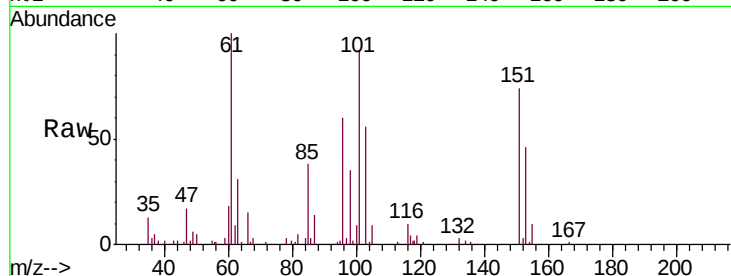
Tgt Ion:101 Resp: 40769

Ion Ratio Lower Upper

101 100

85 44.7 34.9 52.3

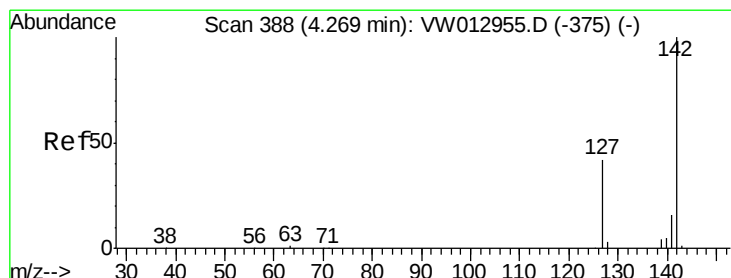
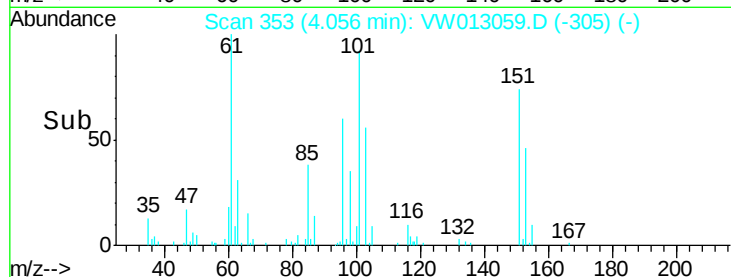
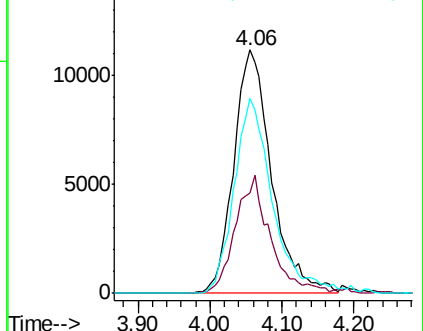
151 81.7 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.861 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

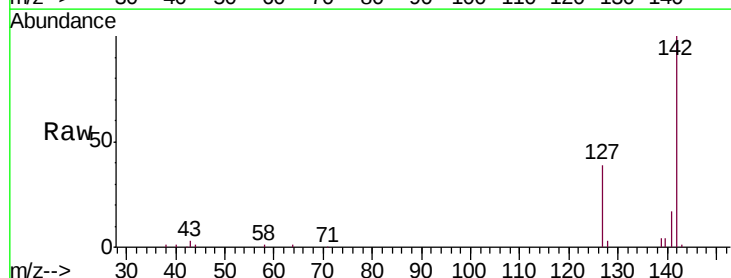
Tgt Ion:142 Resp: 51231

Ion Ratio Lower Upper

142 100

127 41.3 34.7 52.1

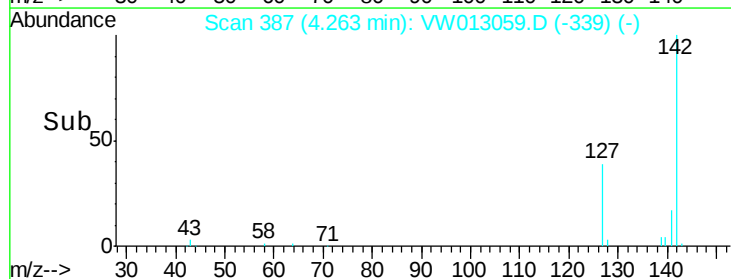
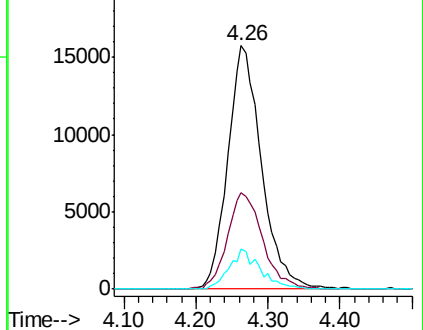
141 15.2 12.2 18.2

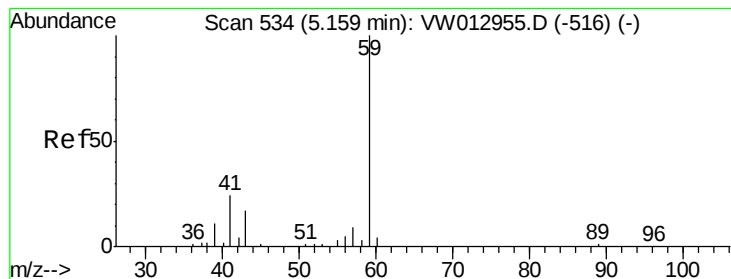


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



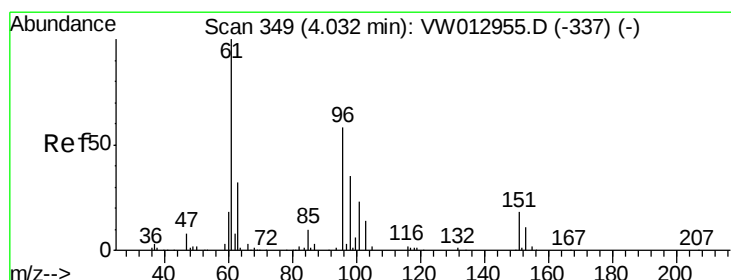
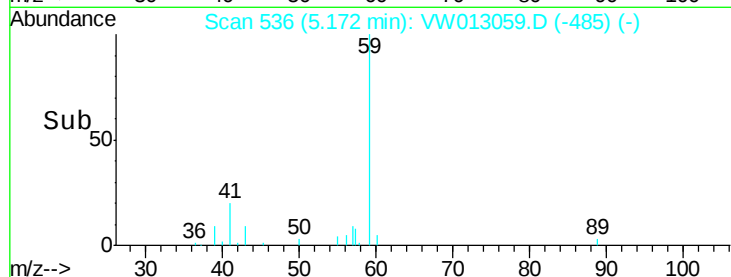
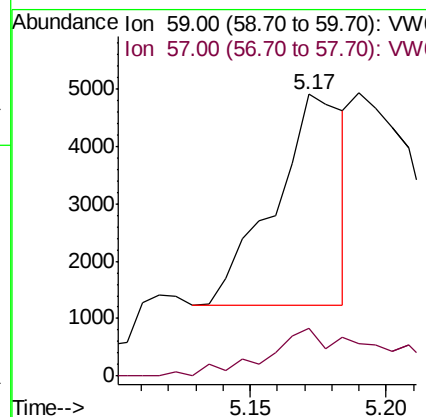
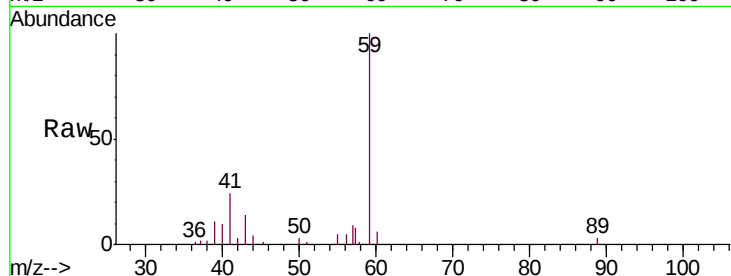


#11

Tert butyl alcohol
 Concen: 20.586 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

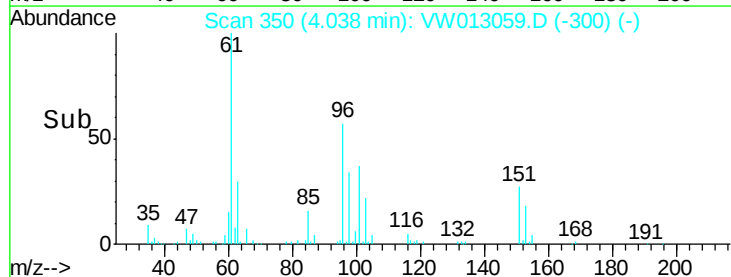
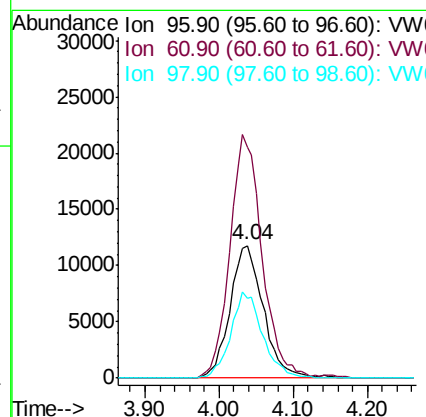
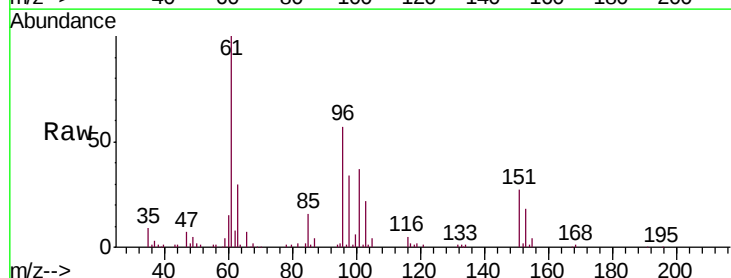
Tgt Ion: 59 Resp: 6485
 Ion Ratio Lower Upper
 59 100
 57 40.8 8.5 12.7#

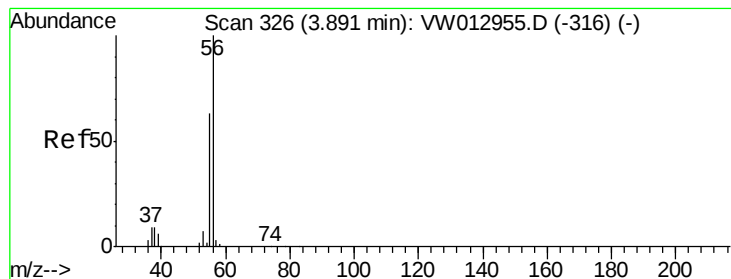


#12

1,1-Dichloroethene
 Concen: 20.641 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 96 Resp: 36828
 Ion Ratio Lower Upper
 96 100
 61 174.2 137.9 206.9
 98 59.8 48.9 73.3





#13

Acrolein

Concen: 118.713 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

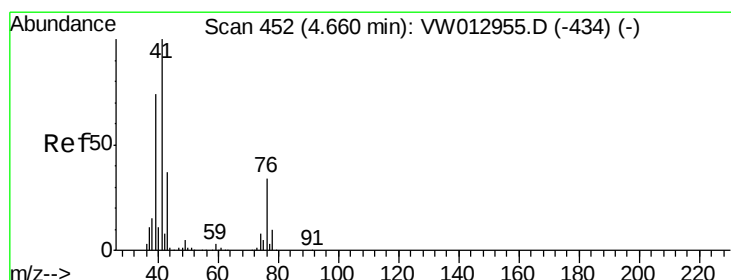
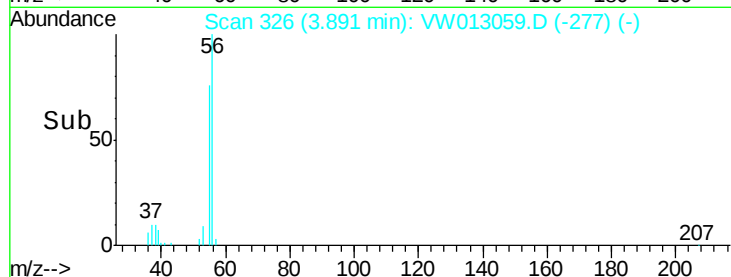
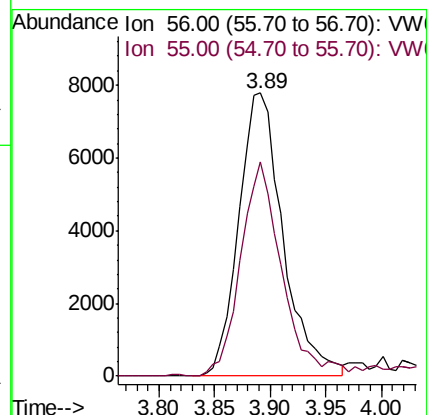
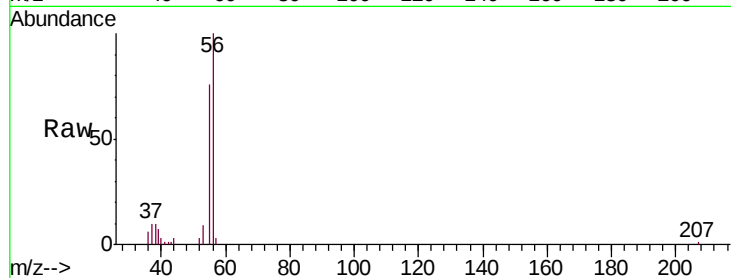
VW0916SBSD02

Tgt Ion: 56 Resp: 21540

Ion Ratio Lower Upper

56 100

55 70.2 55.8 83.8



#14

Allyl chloride

Concen: 20.529 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

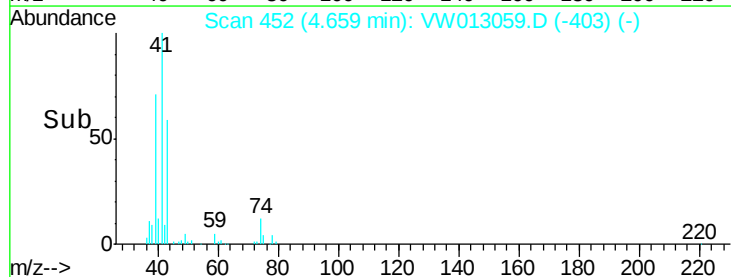
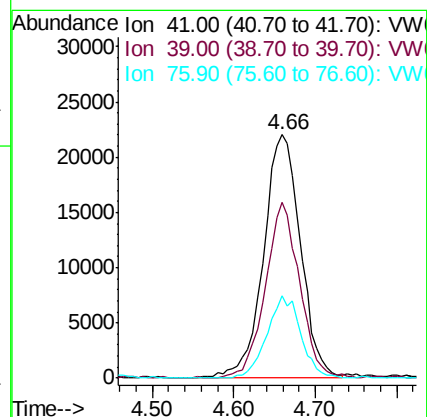
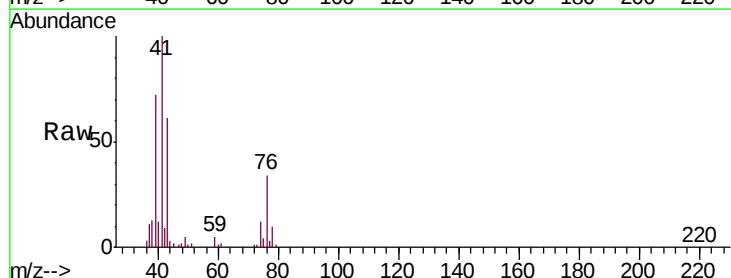
Tgt Ion: 41 Resp: 69535

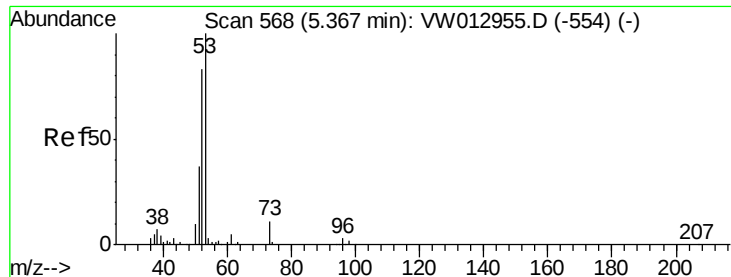
Ion Ratio Lower Upper

41 100

39 67.0 56.7 85.1

76 30.8 25.1 37.7





#15

Acrylonitrile

Concen: 133.006 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

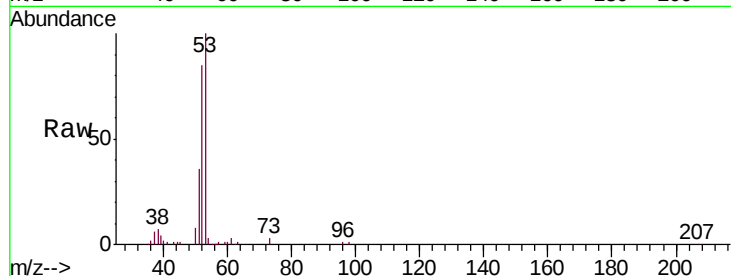
Tgt Ion: 53 Resp: 68628

Ion Ratio Lower Upper

53 100

52 84.9 66.6 100.0

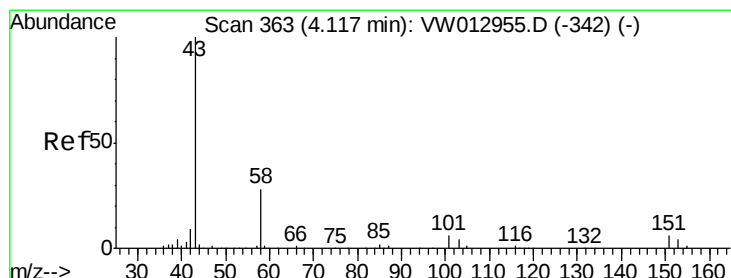
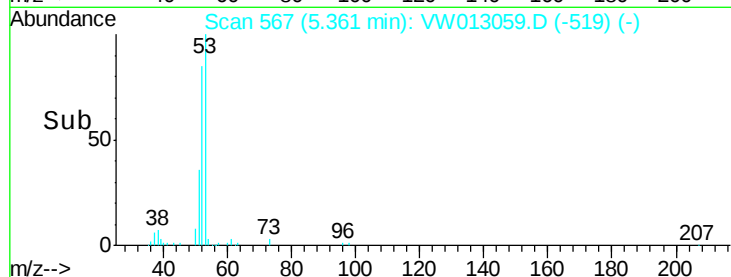
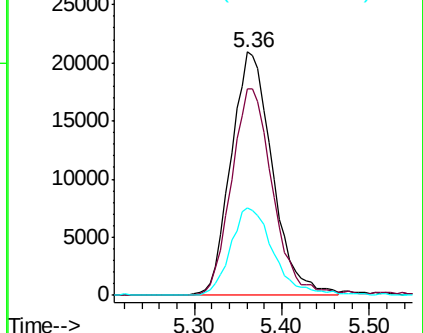
51 37.4 29.8 44.8



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: 102.257 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013059.D

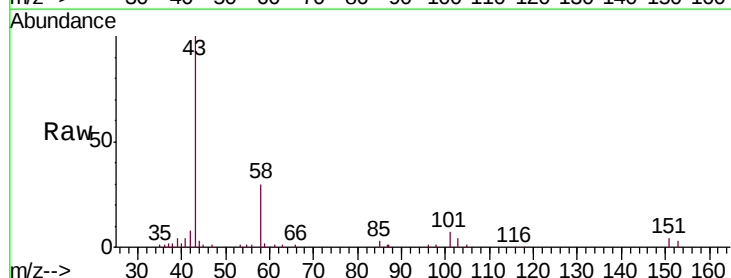
Acq: 17 Sep 2019 00:36

Tgt Ion: 43 Resp: 58955

Ion Ratio Lower Upper

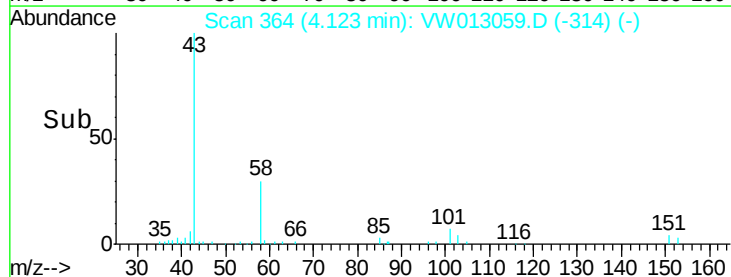
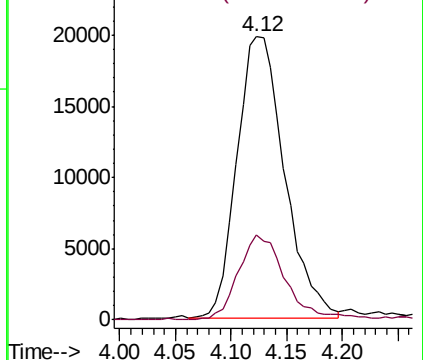
43 100

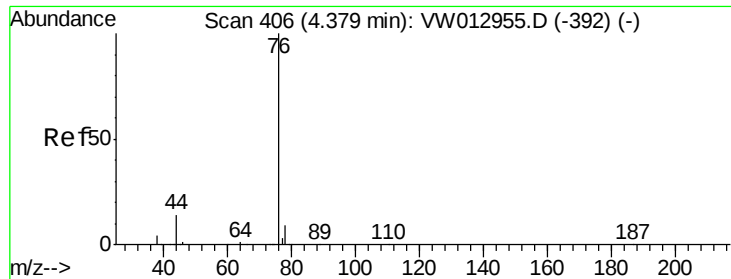
58 30.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

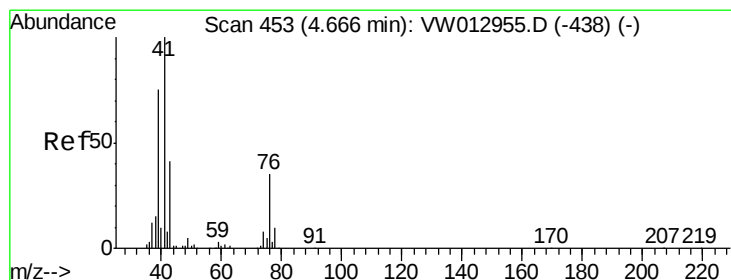
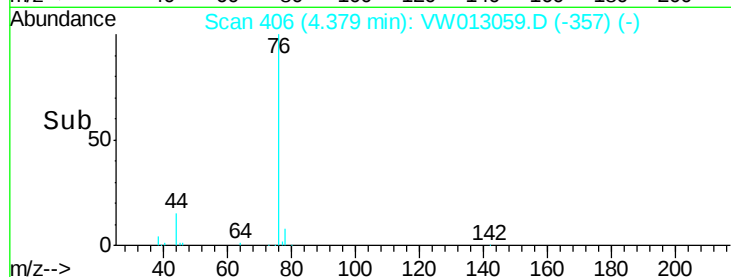
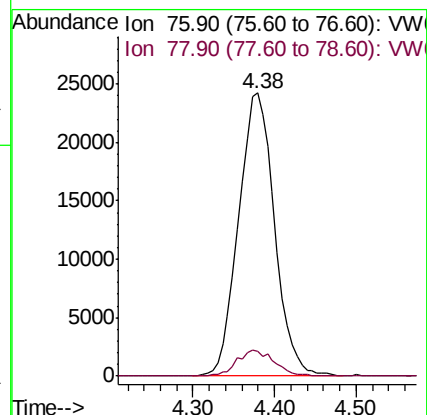
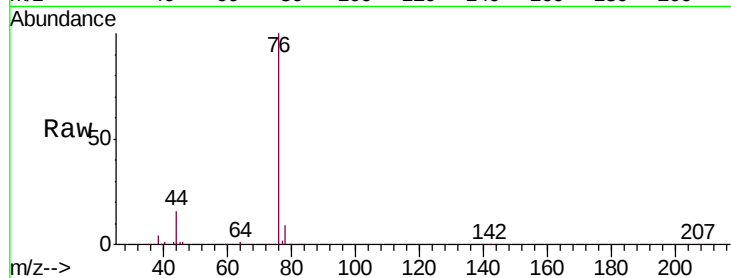




#17
Carbon Disulfide
Concen: 20.844 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

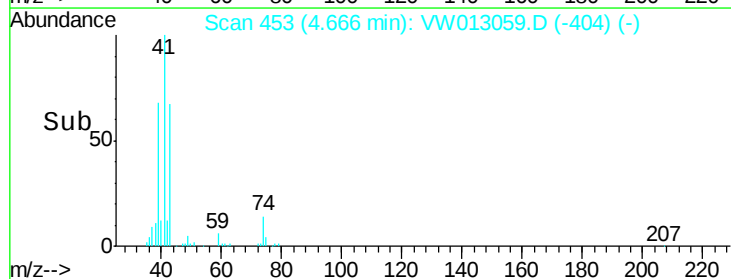
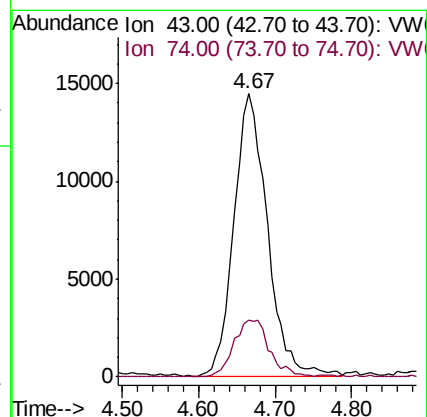
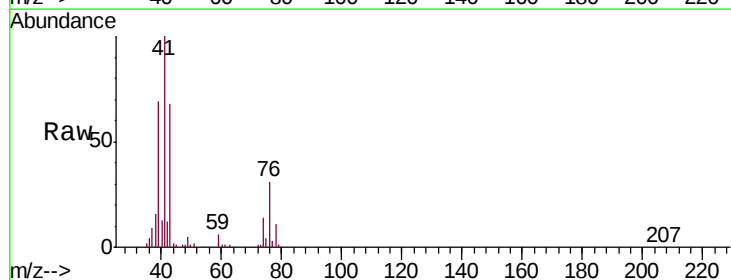
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

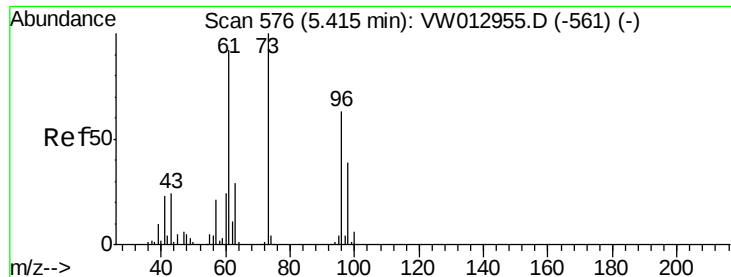
Tgt Ion: 76 Resp: 74114
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 31.982 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 43 Resp: 43499
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8

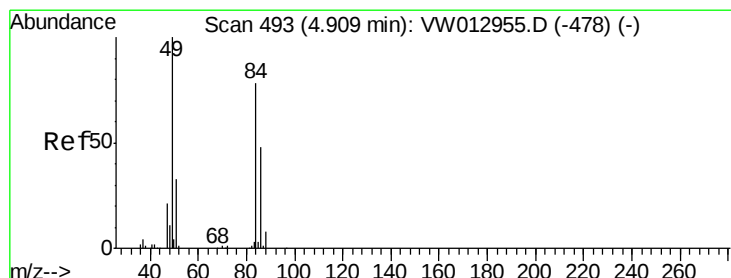
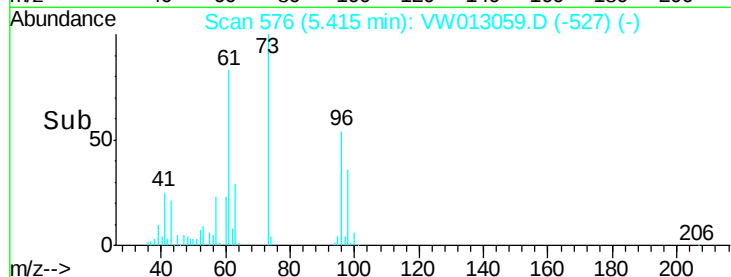
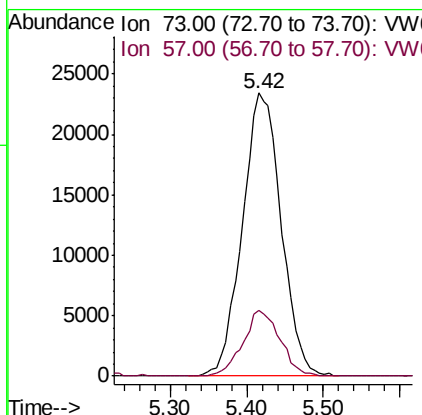
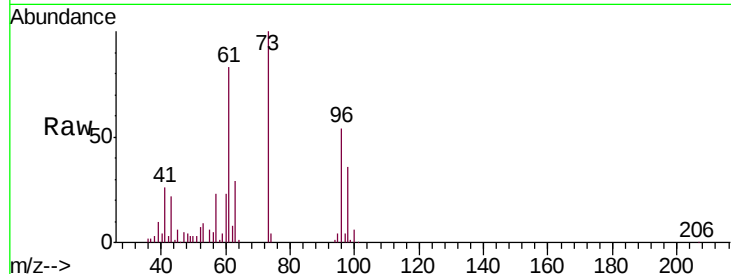




#19
Methyl tert-butyl Ether
Concen: 23.458 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

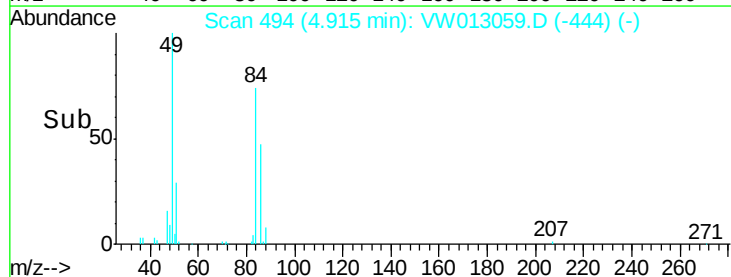
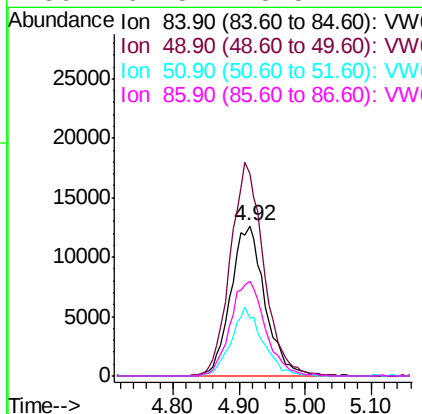
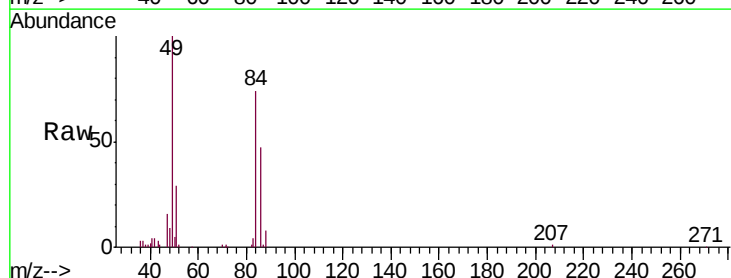
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

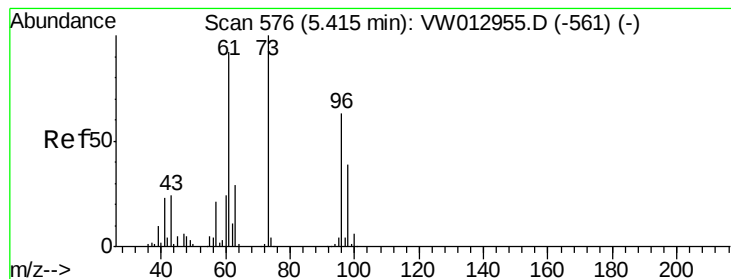
Tgt Ion: 73 Resp: 82619
Ion Ratio Lower Upper
73 100
57 23.1 16.4 24.6



#20
Methylene Chloride
Concen: 20.576 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 84 Resp: 45571
Ion Ratio Lower Upper
84 100
49 134.5 102.0 153.0
51 38.6 34.0 51.0
86 62.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.345 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

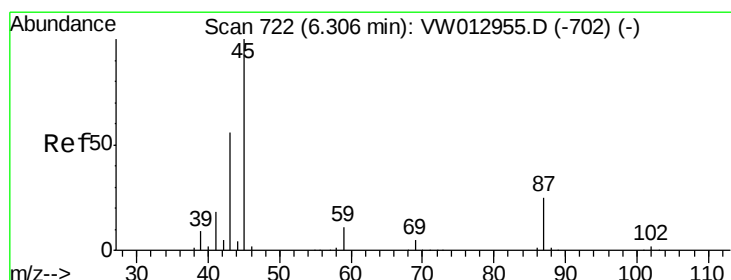
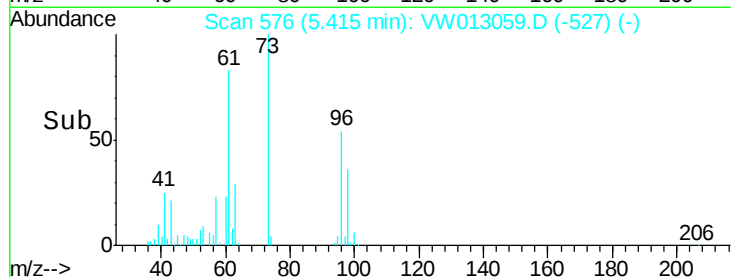
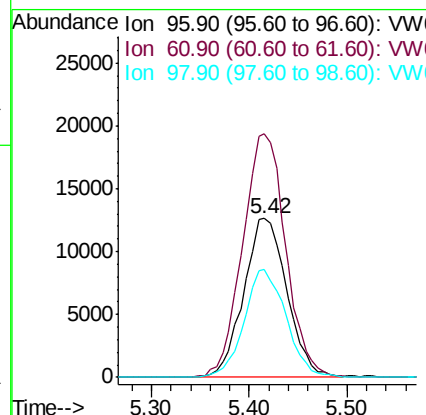
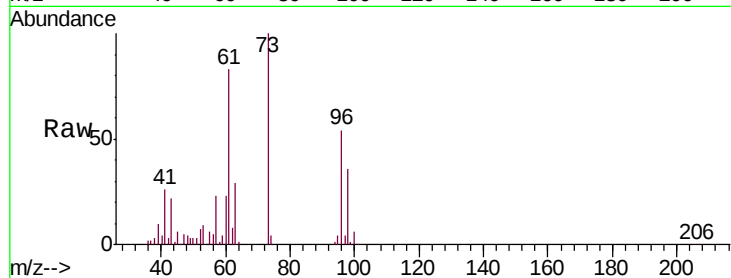
Tgt Ion: 96 Resp: 38878

Ion Ratio Lower Upper

96 100

61 152.5 116.2 174.2

98 67.5 49.8 74.6



#22

Diisopropyl ether

Concen: 21.985 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Tgt Ion: 45 Resp: 154701

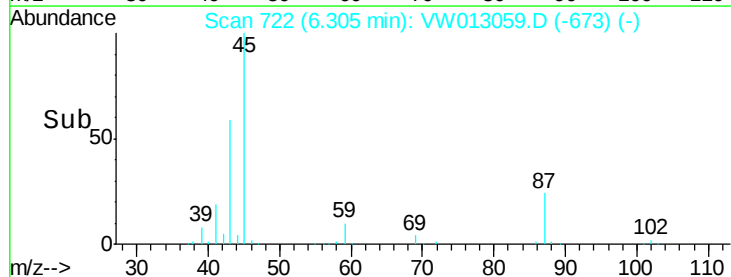
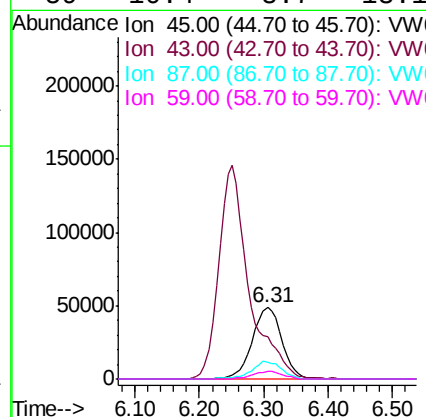
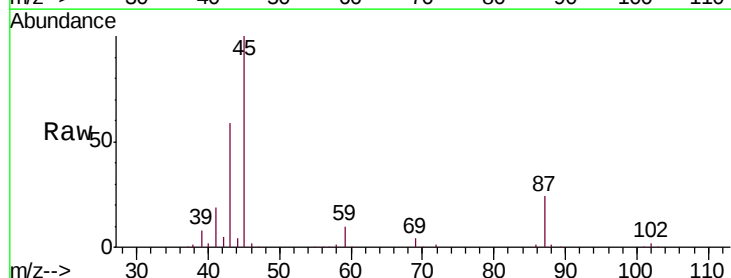
Ion Ratio Lower Upper

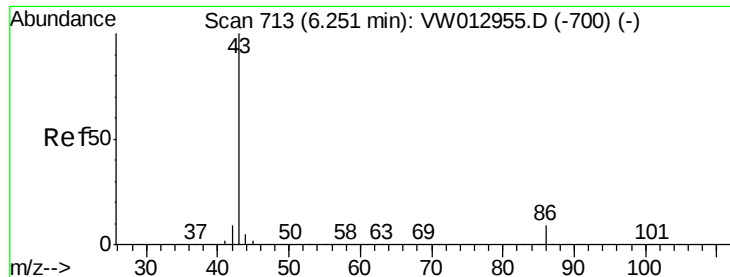
45 100

43 58.4 44.6 67.0

87 23.9 20.0 30.0

59 10.4 8.7 13.1





#23

Vinyl Acetate

Concen: 113.902 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

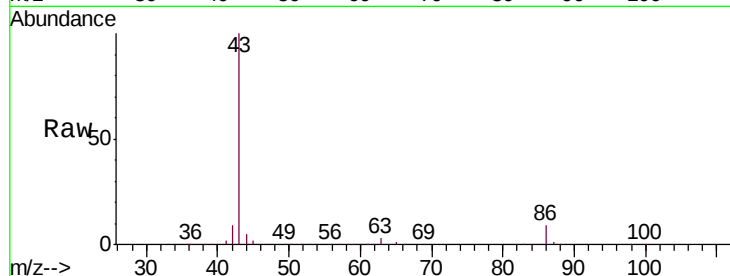
VW0916SBSD02

Tgt Ion: 43 Resp: 480045

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

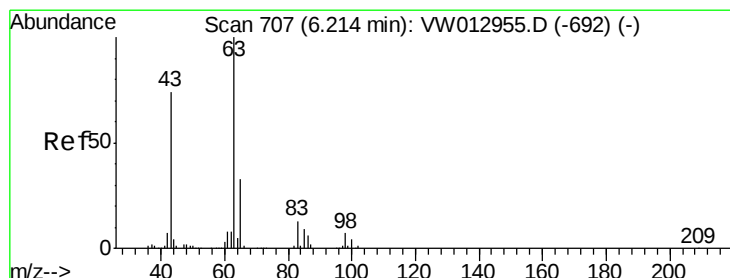
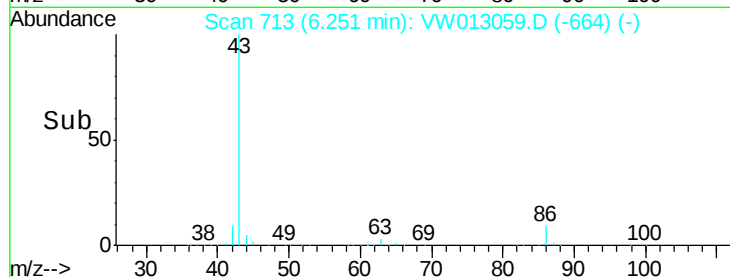
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.343 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

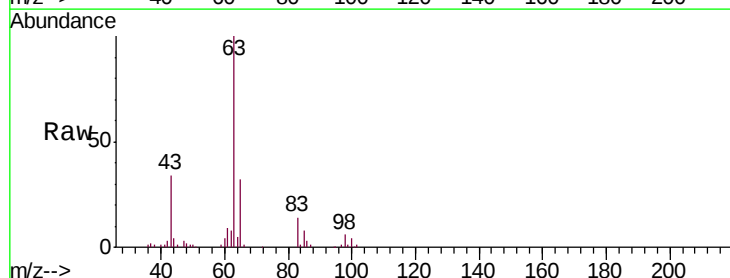
Tgt Ion: 63 Resp: 82533

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

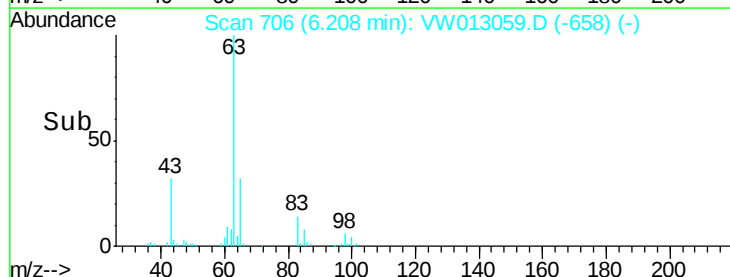
30000

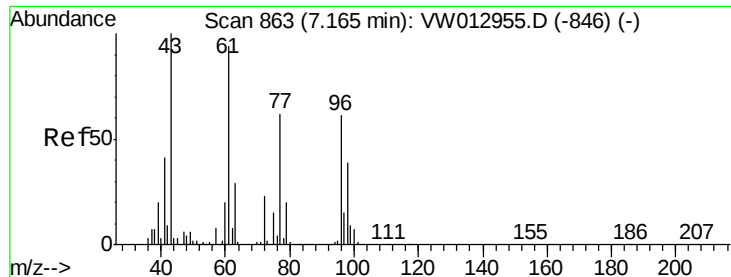
20000

10000

0

Time-->





#25

2-Butanone

Concen: 133.913 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

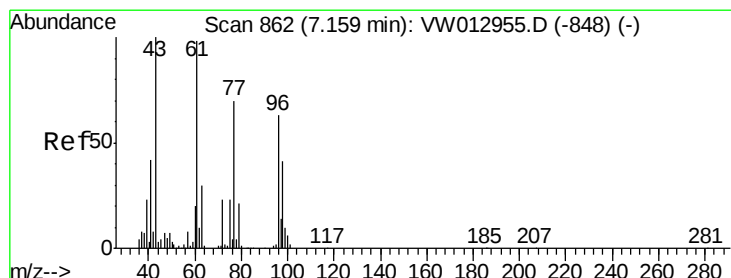
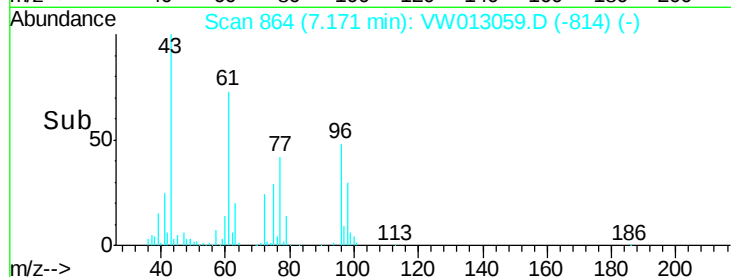
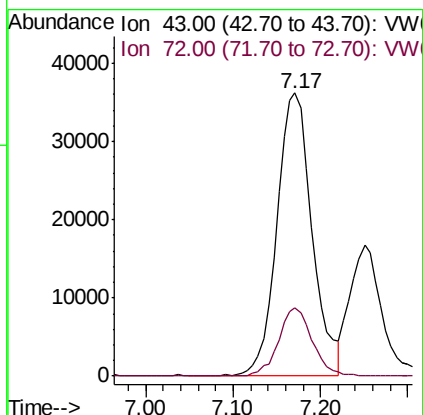
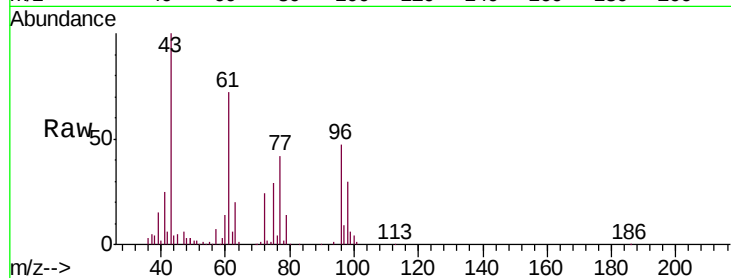
VW0916SBSD02

Tgt Ion: 43 Resp: 101654

Ion Ratio Lower Upper

43 100

72 24.0 18.2 27.4



#26

2,2-Dichloropropane

Concen: 17.794 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW013059.D

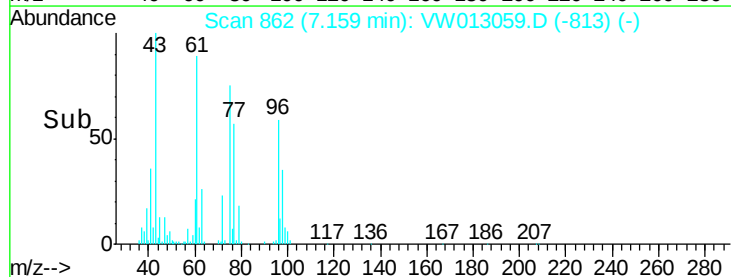
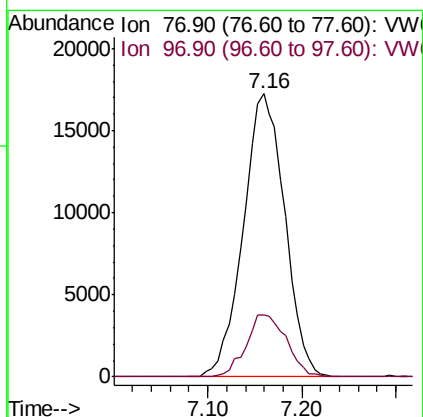
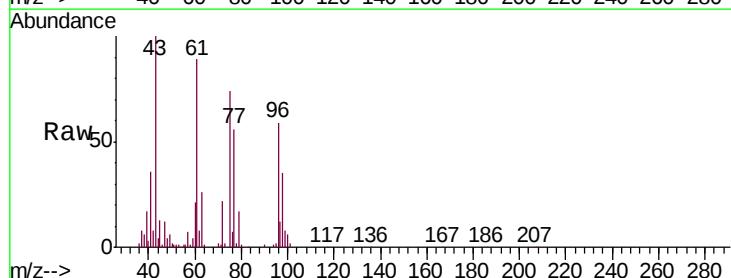
Acq: 17 Sep 2019 00:36

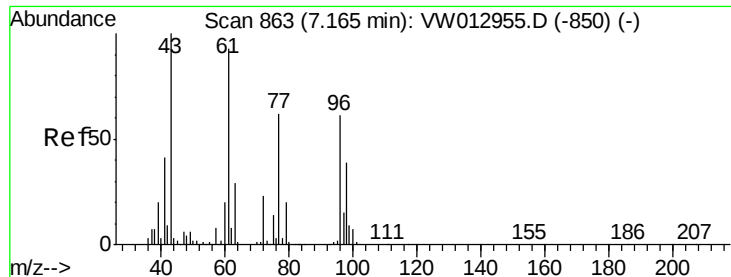
Tgt Ion: 77 Resp: 53007

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1



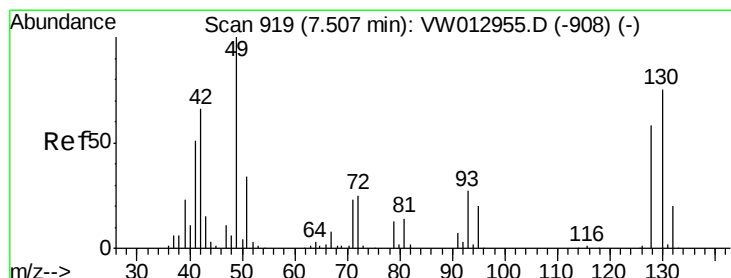
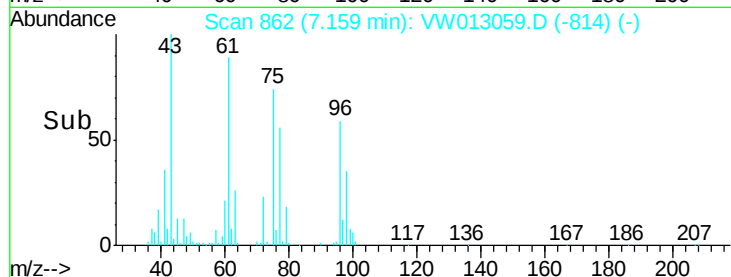
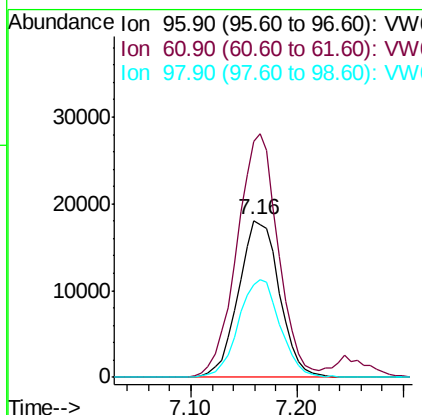
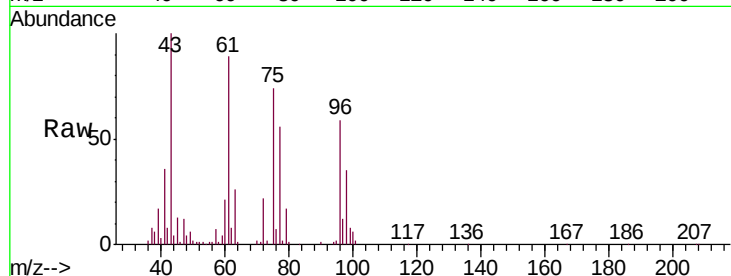


#27

cis-1,2-Dichloroethene
 Concen: 21.290 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

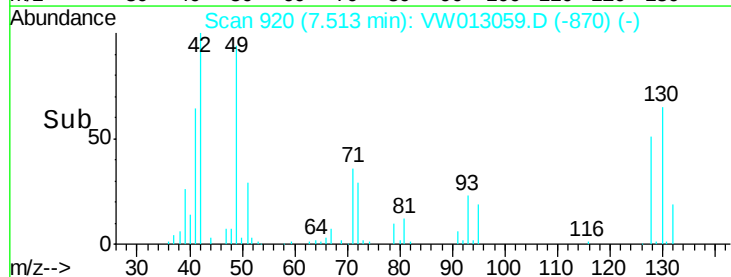
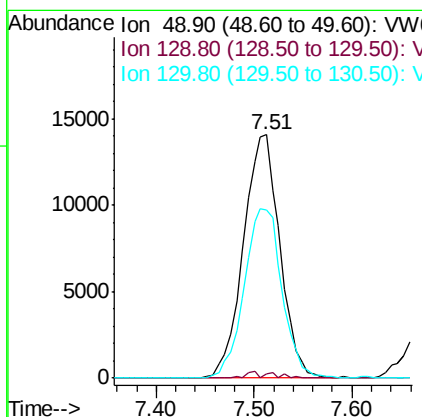
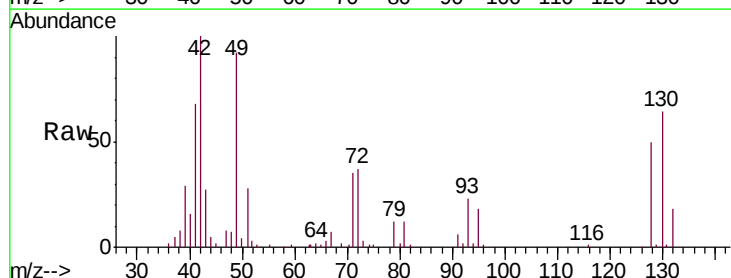
Tgt Ion: 96 Resp: 48707
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 315.4
 98 63.6 0.0 131.0

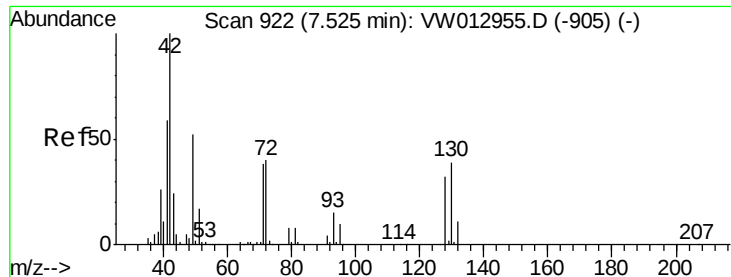


#28

Bromochloromethane
 Concen: 21.237 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 49 Resp: 36265
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.4
 130 72.2 57.8 86.6

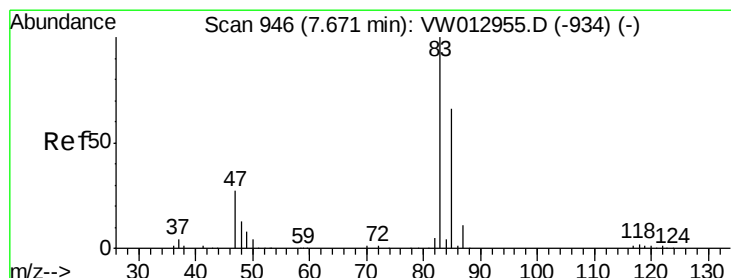
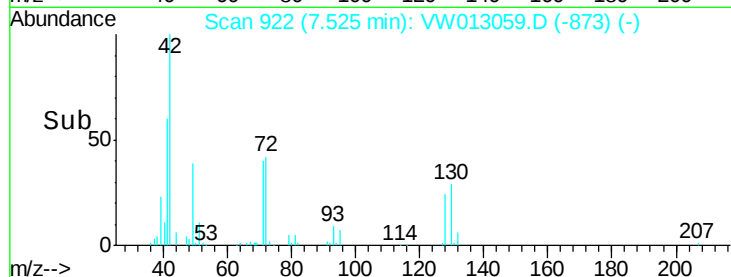
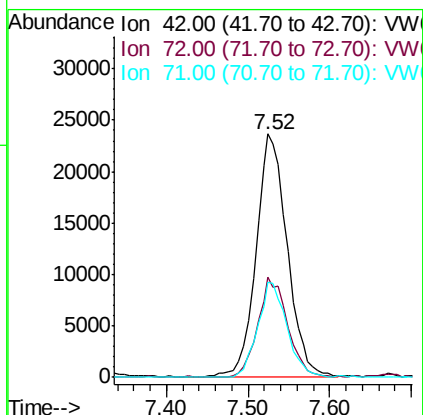
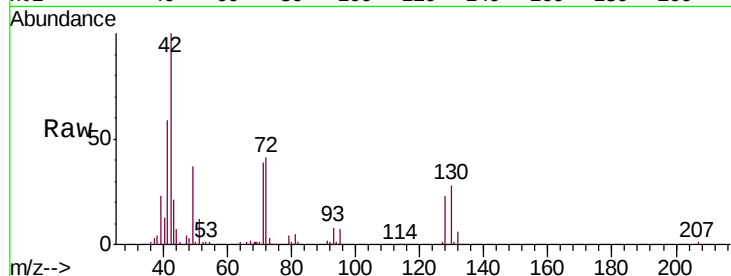




#29
Tetrahydrofuran
Concen: 146.210 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

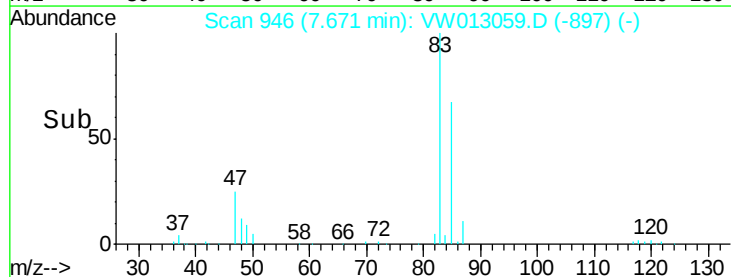
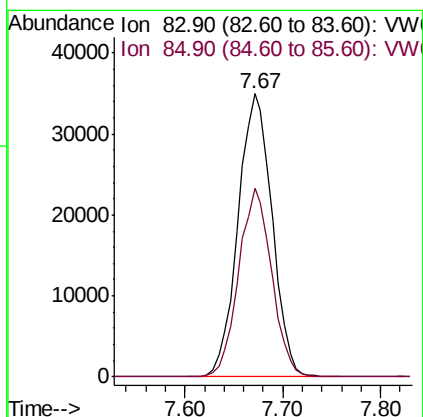
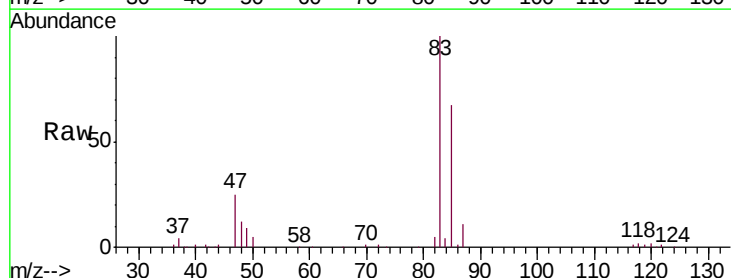
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

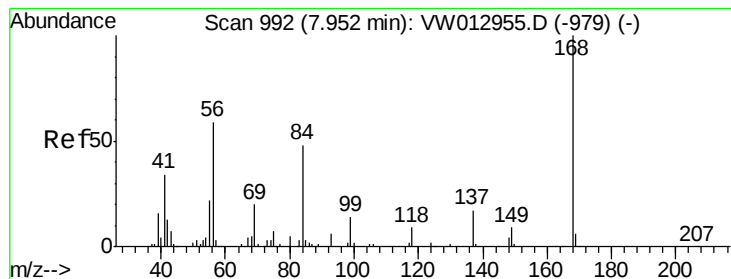
Tgt Ion: 42 Resp: 63239
Ion Ratio Lower Upper
42 100
72 39.3 31.4 47.0
71 36.8 29.8 44.8



#30
Chloroform
Concen: 20.470 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 83 Resp: 84383
Ion Ratio Lower Upper
83 100
85 66.8 52.8 79.2





#31

Cyclohexane

Concen: 22.735 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

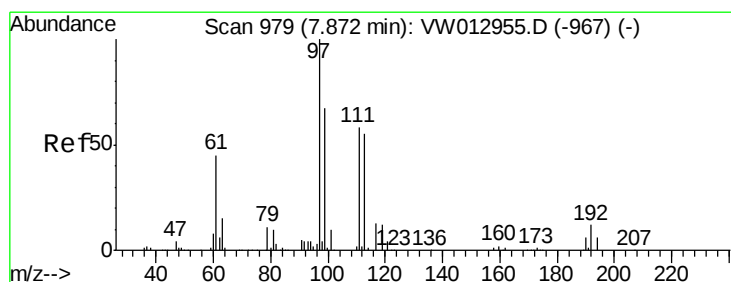
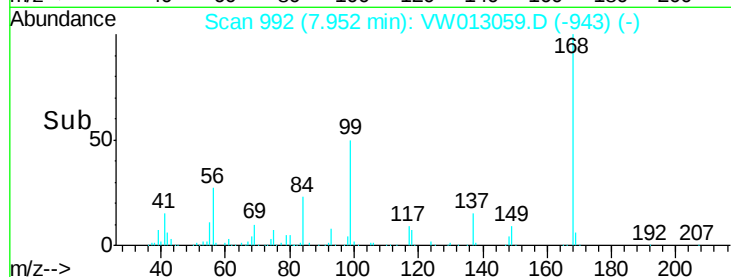
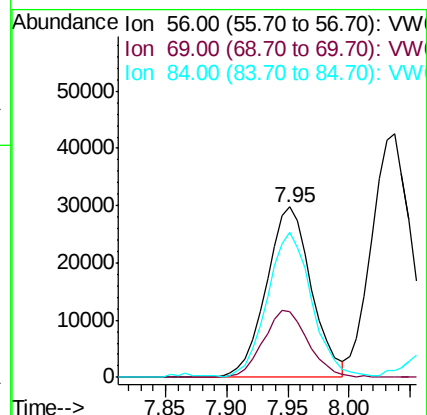
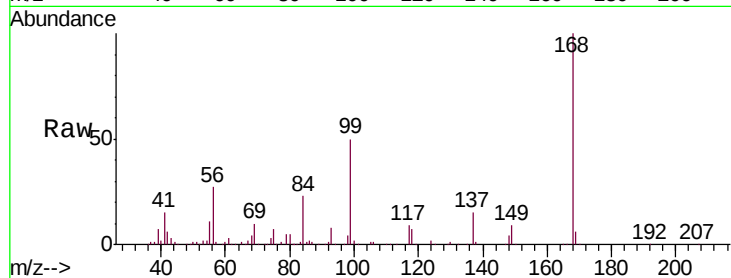
Tgt Ion: 56 Resp: 76302

Ion Ratio Lower Upper

56 100

69 38.4 27.0 40.6

84 84.5 66.2 99.2



#32

1,1,1-Trichloroethane

Concen: 20.288 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

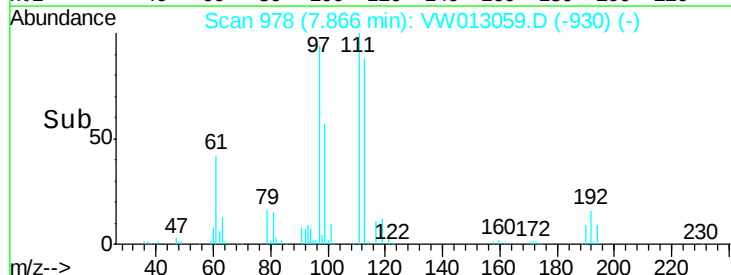
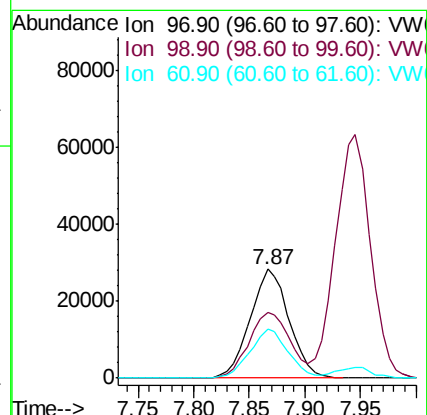
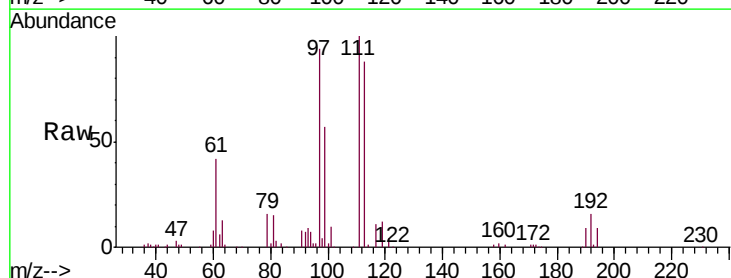
Tgt Ion: 97 Resp: 68875

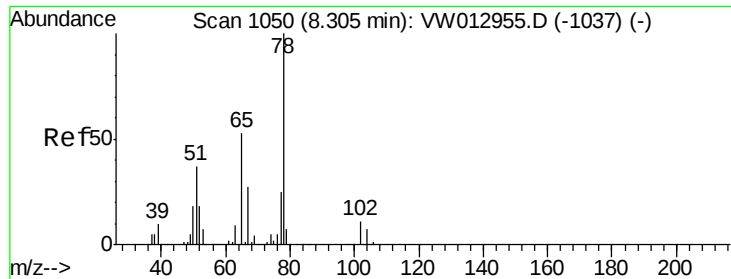
Ion Ratio Lower Upper

97 100

99 64.2 53.0 79.4

61 44.5 36.5 54.7

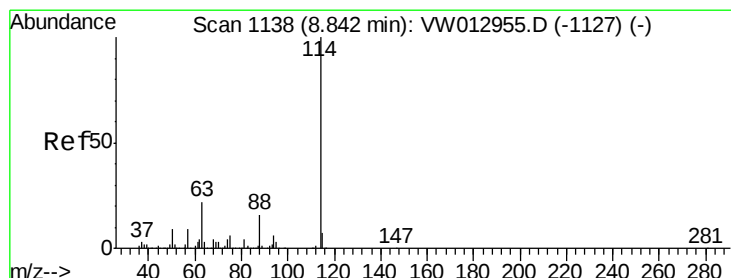
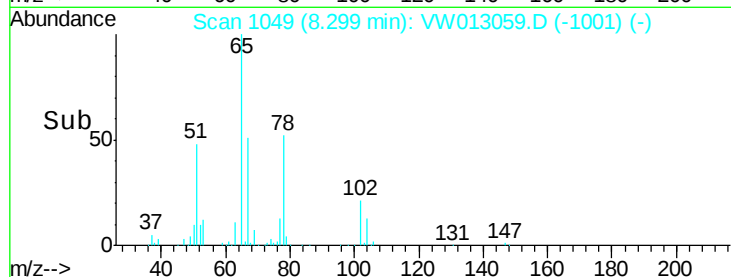
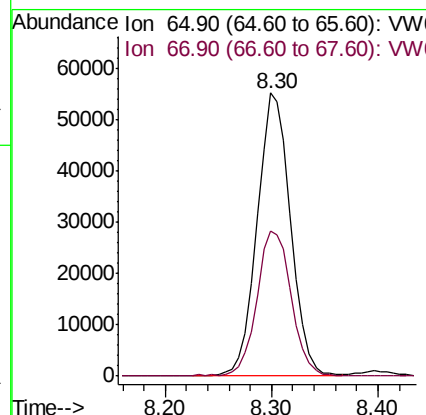
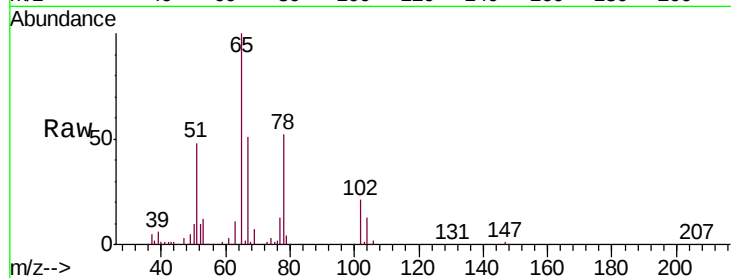




#33
 1,2-Dichloroethane-d4
 Concen: 50.789 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

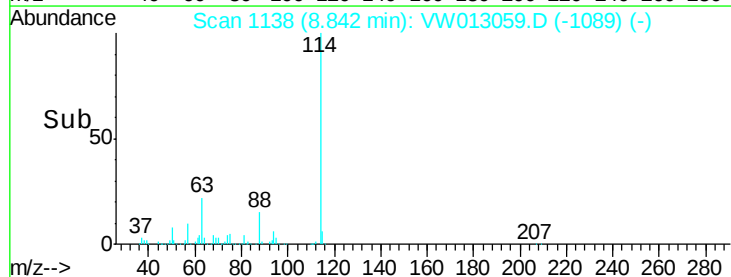
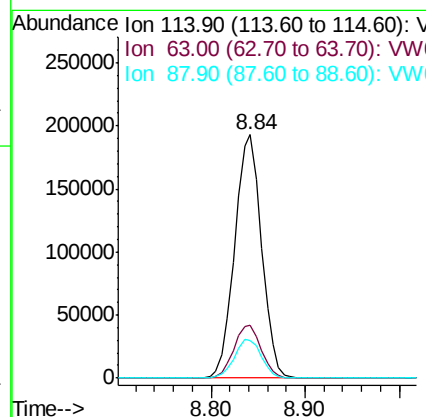
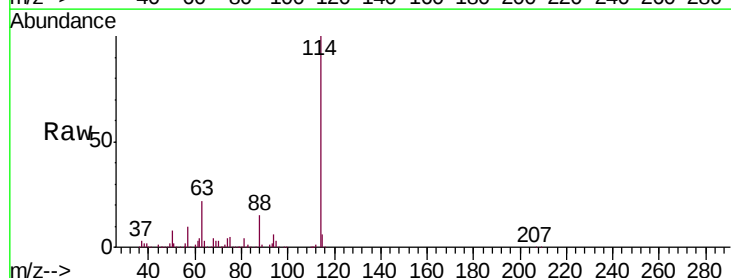
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

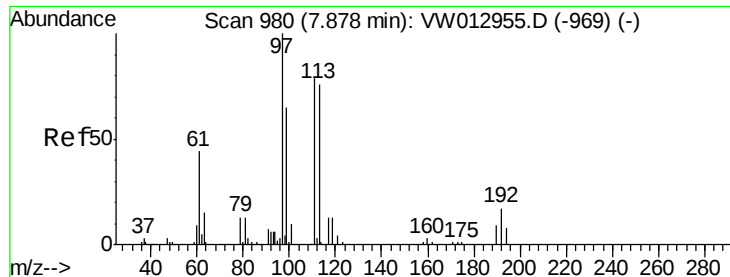
Tgt Ion: 65 Resp: 121249
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 114 Resp: 381425
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 15.5 0.0 31.6

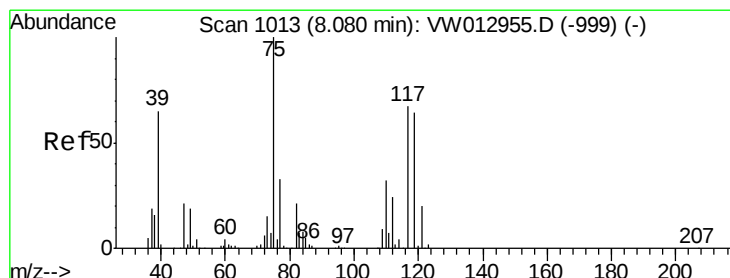
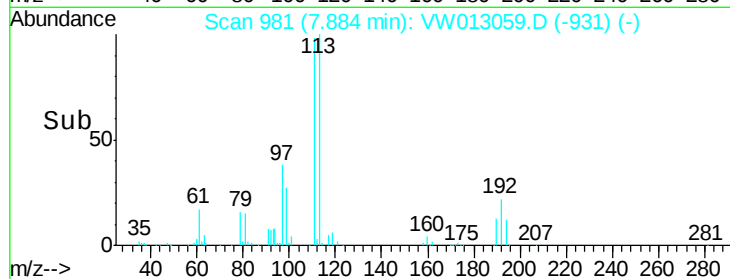
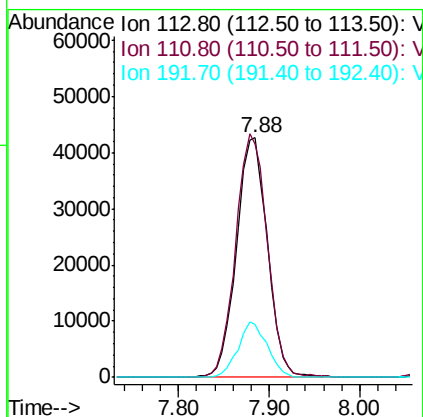
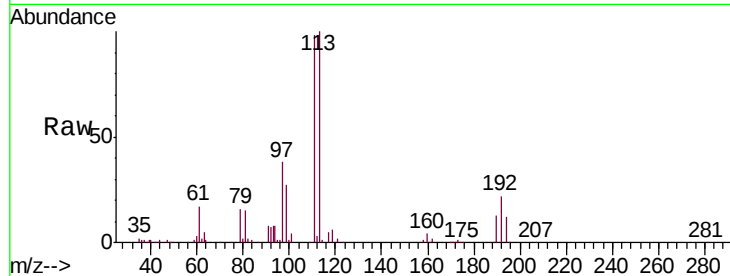




#35
 Dibromofluoromethane
 Concen: 48.862 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

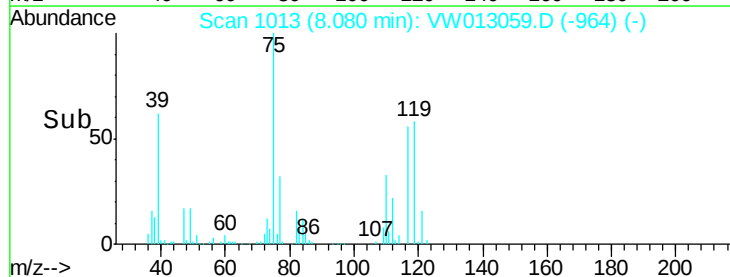
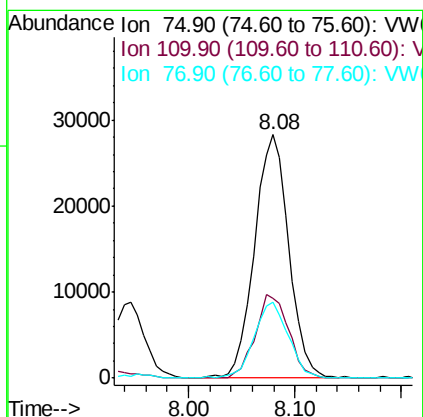
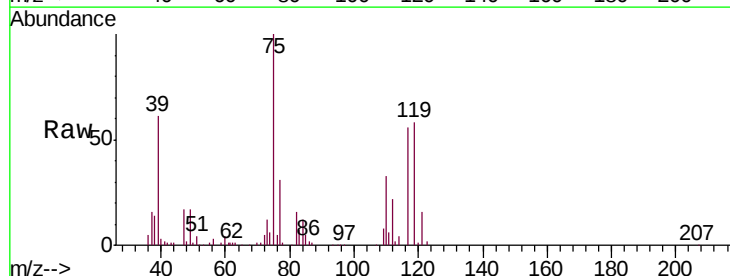
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

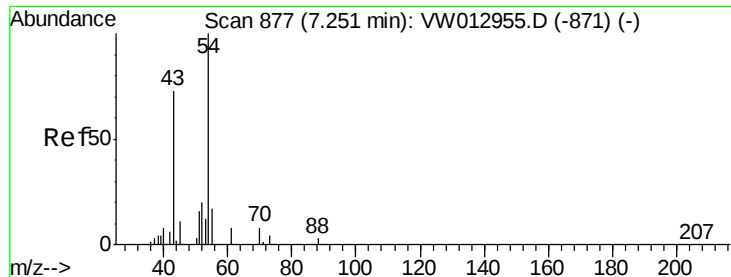
Tgt Ion: 113 Resp: 101128
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.8 124.2
 192 21.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 20.977 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 75 Resp: 63935
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.4 49.1
 77 31.2 25.1 37.7

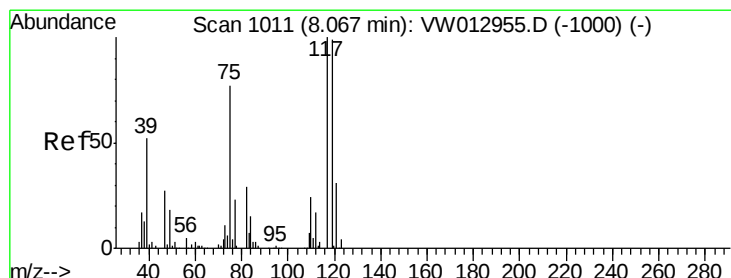
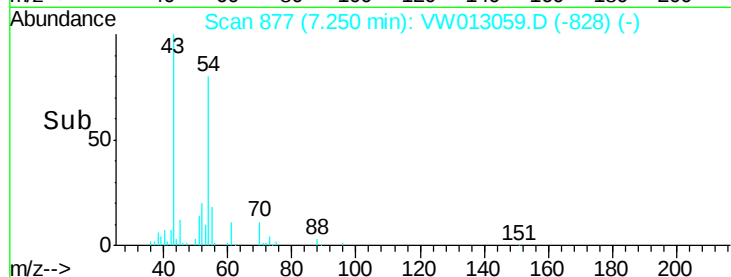
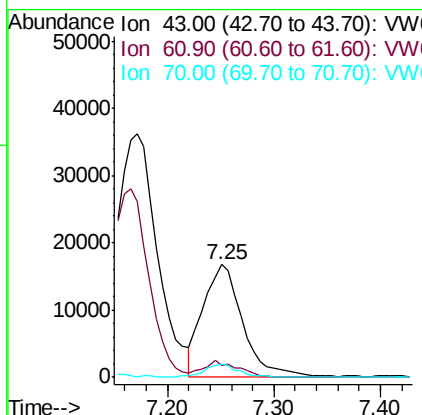
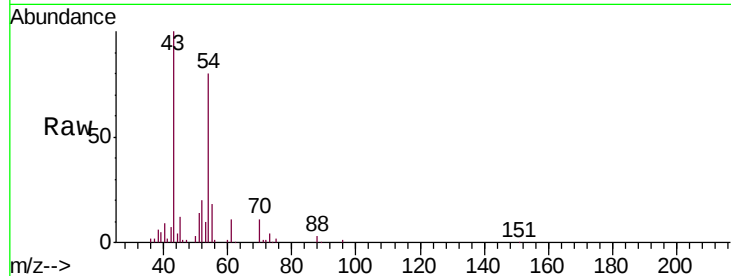




#37
Ethyl Acetate
Concen: 26.215 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

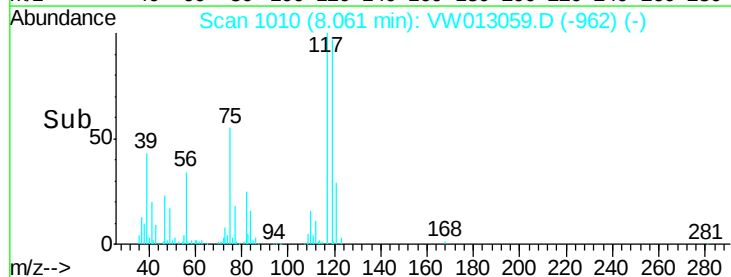
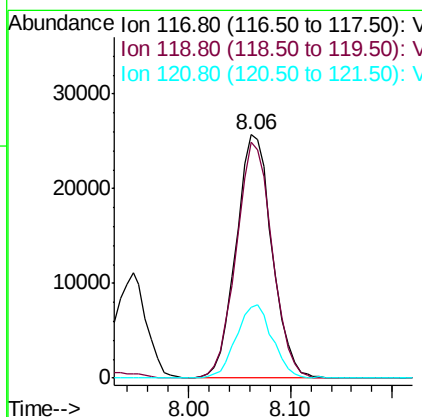
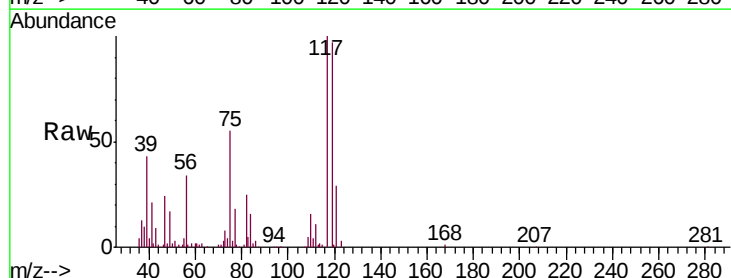
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBS02

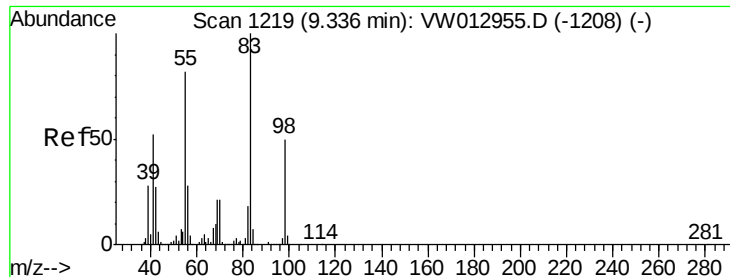
Tgt Ion: 43 Resp: 42410
Ion Ratio Lower Upper
43 100
61 13.1 9.6 14.4
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.120 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 117 Resp: 62844
Ion Ratio Lower Upper
117 100
119 96.9 79.4 119.0
121 28.9 24.6 36.8

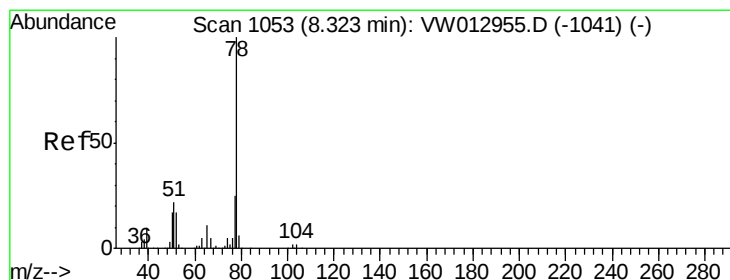
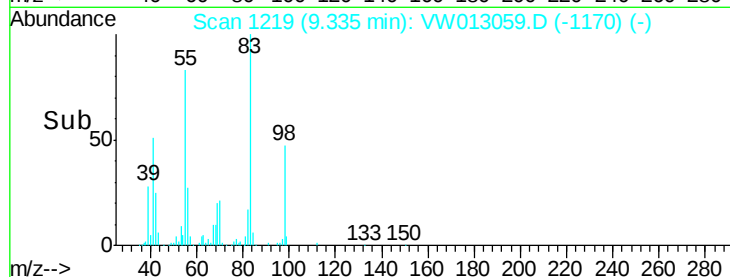
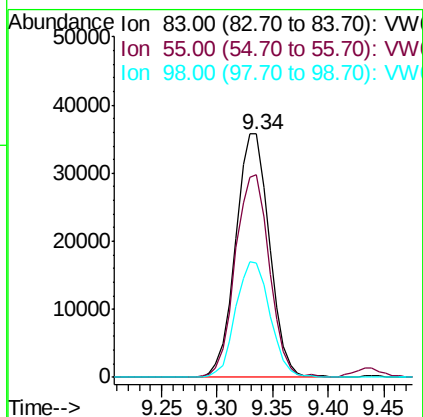
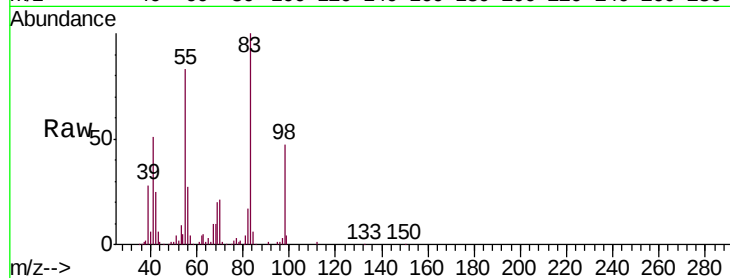




#39
Methylcyclohexane
Concen: 22.612 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

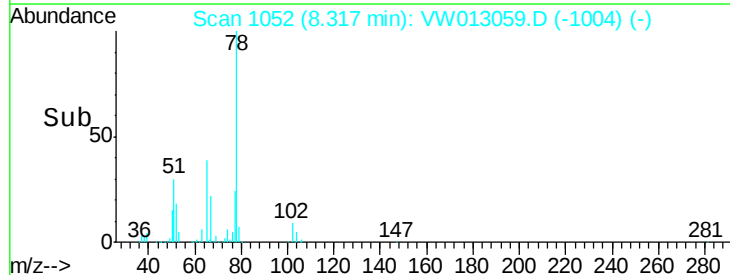
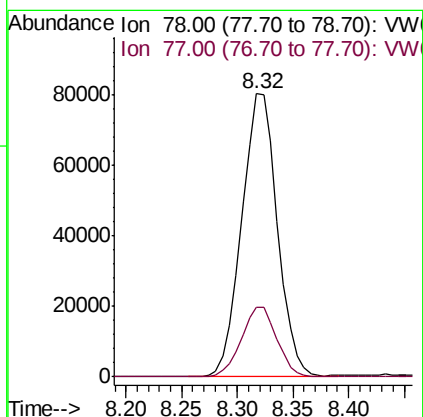
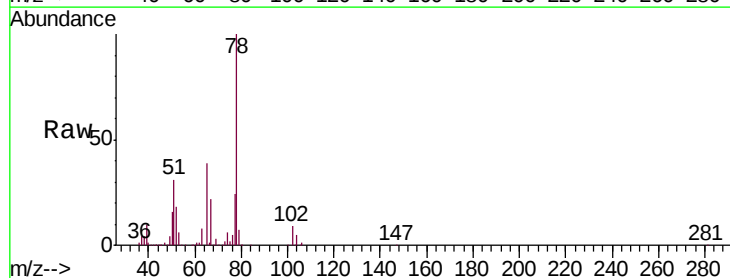
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

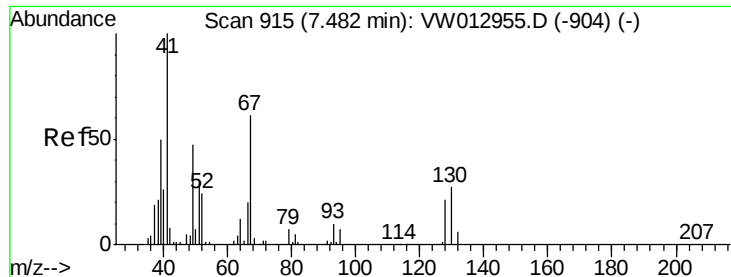
Tgt Ion: 83 Resp: 75522
Ion Ratio Lower Upper
83 100
55 83.5 65.9 98.9
98 47.1 39.6 59.4



#40
Benzene
Concen: 21.085 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 78 Resp: 179411
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4





#41

Methacrylonitrile

Concen: 24.847 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBS02

Tgt Ion: 41 Resp: 26472

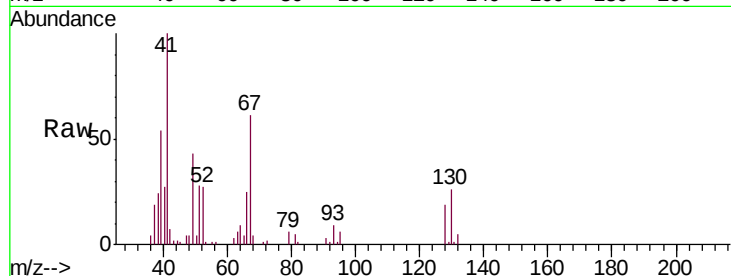
Ion Ratio Lower Upper

41 100

39 52.1 48.2 72.4

67 63.4 47.5 71.3

52 28.8 21.0 31.4

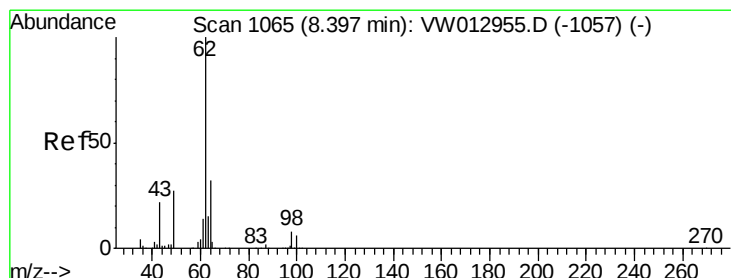
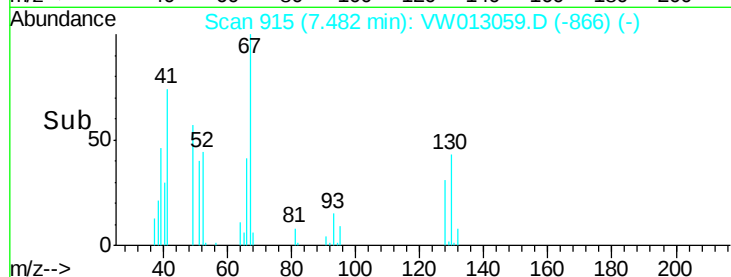
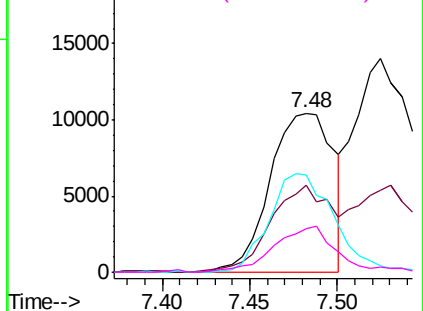


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.340 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013059.D

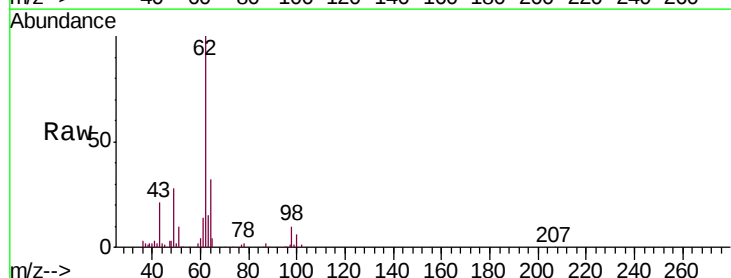
Acq: 17 Sep 2019 00:36

Tgt Ion: 62 Resp: 60868

Ion Ratio Lower Upper

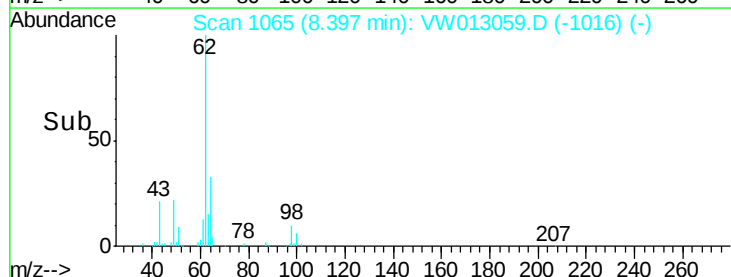
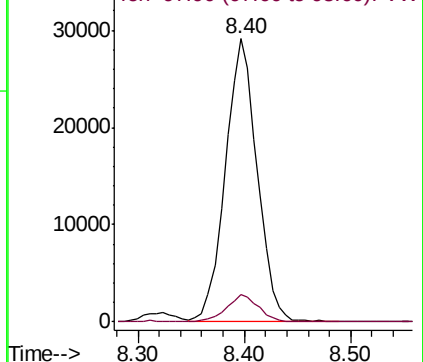
62 100

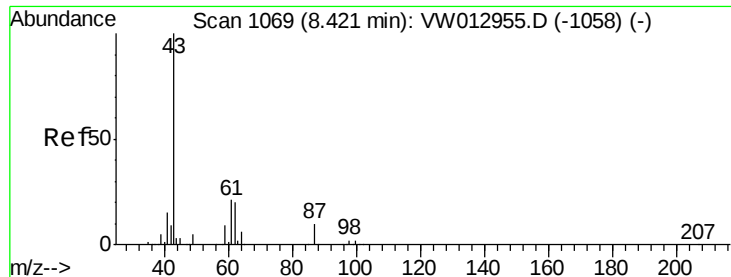
98 9.5 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 24.895 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

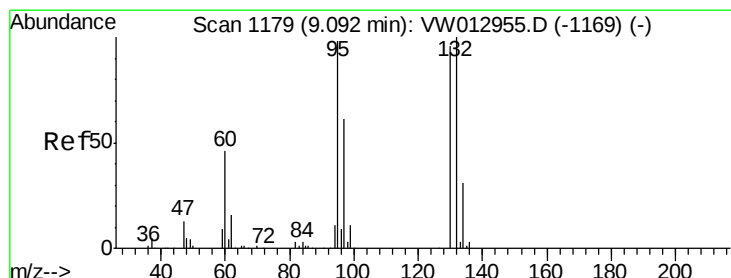
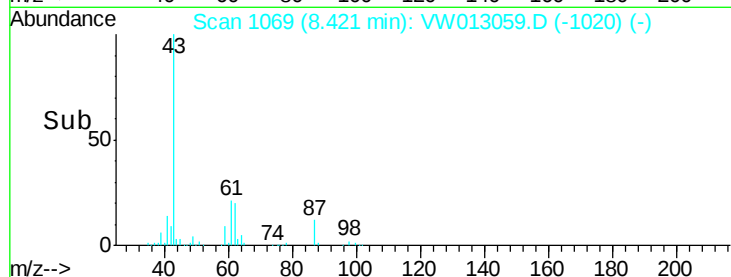
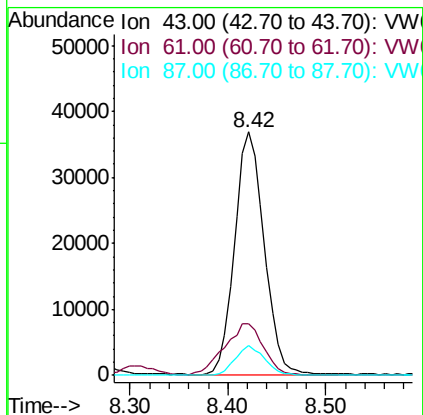
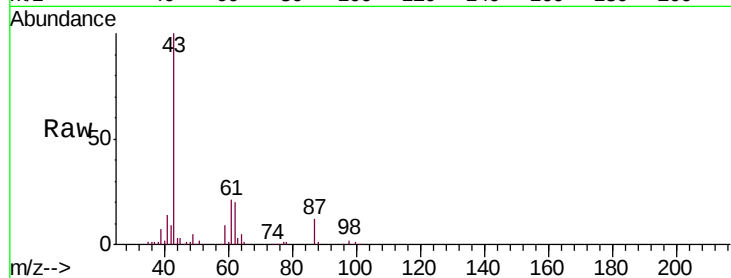
Tgt Ion: 43 Resp: 77330

Ion Ratio Lower Upper

43 100

61 27.9 22.7 34.1

87 12.2 9.4 14.2



#44

Trichloroethene

Concen: 20.230 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013059.D

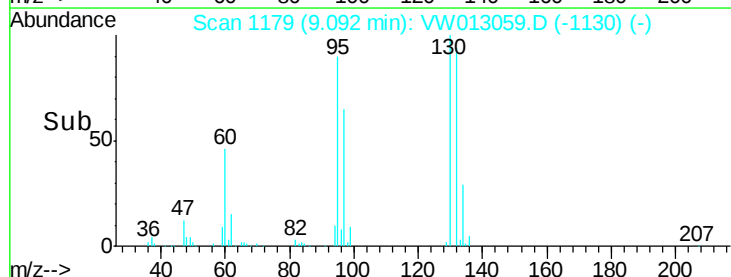
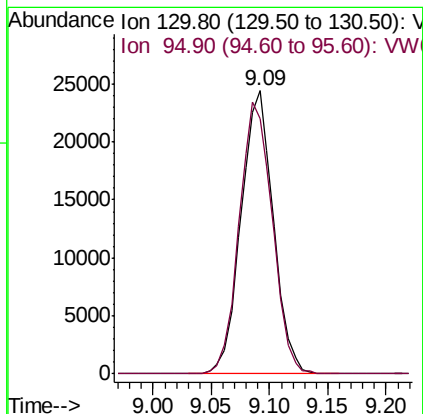
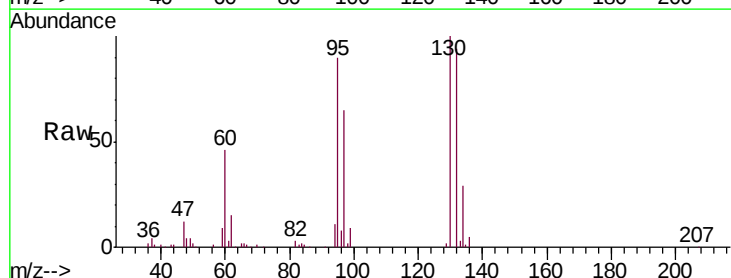
Acq: 17 Sep 2019 00:36

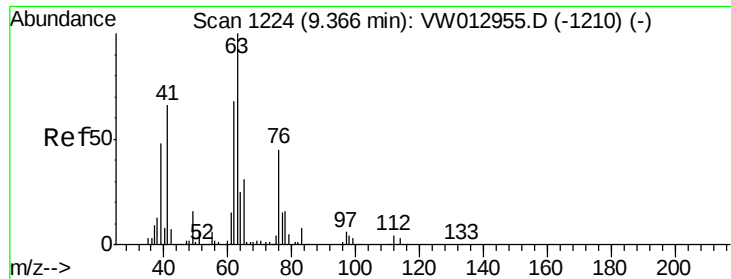
Tgt Ion: 130 Resp: 47149

Ion Ratio Lower Upper

130 100

95 90.0 0.0 204.4

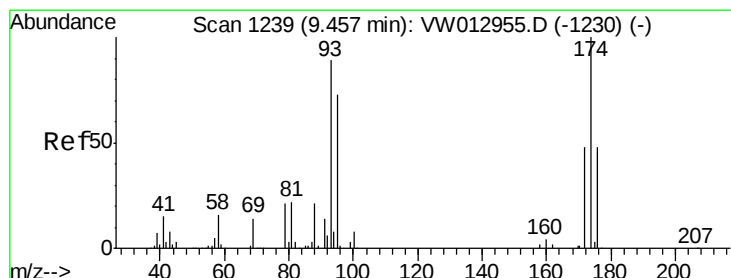
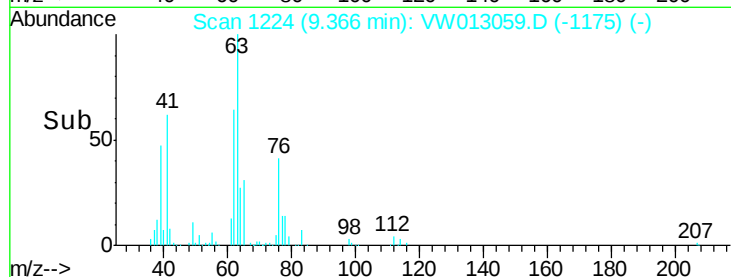
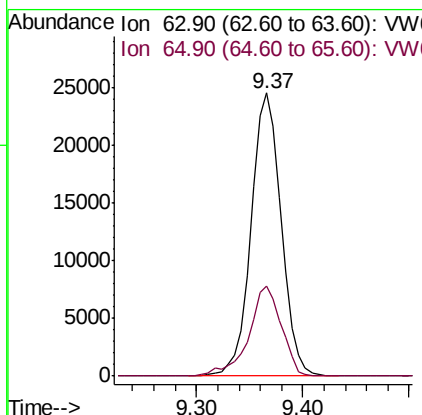
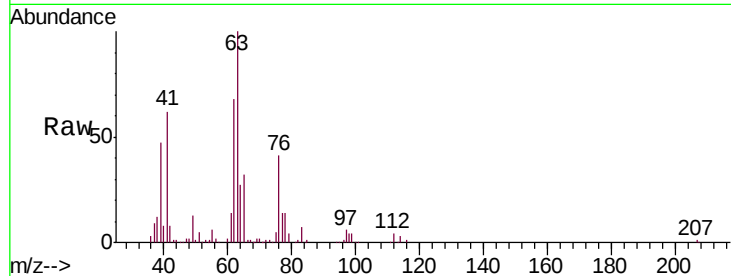




#45
 1,2-Dichloropropane
 Concen: 21.521 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

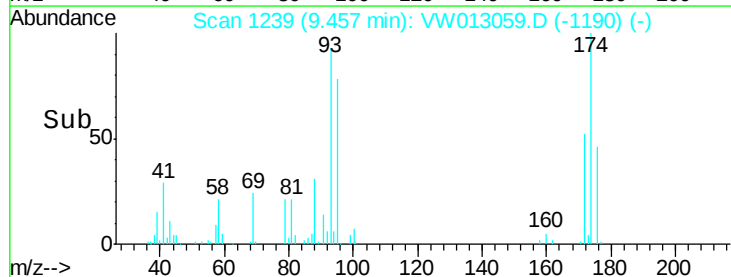
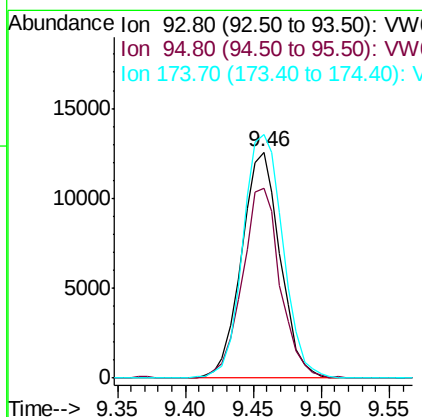
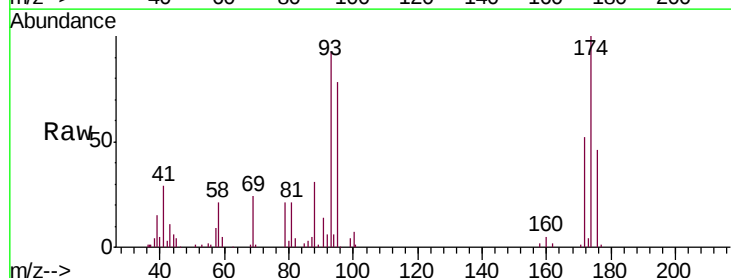
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

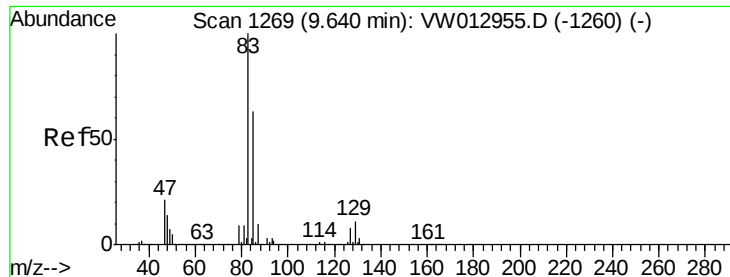
Tgt Ion: 63 Resp: 48651
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0



#46
 Dibromomethane
 Concen: 23.026 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 93 Resp: 24939
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.4
 174 112.0 90.5 135.7





#47

Bromodichloromethane

Concen: 20.605 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

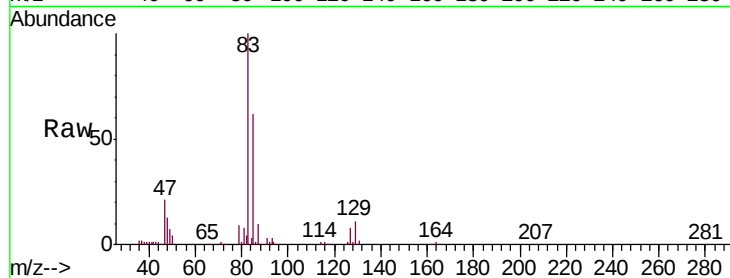
Tgt Ion: 83 Resp: 62599

Ion Ratio Lower Upper

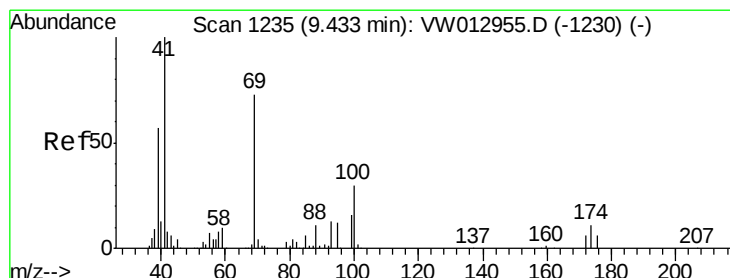
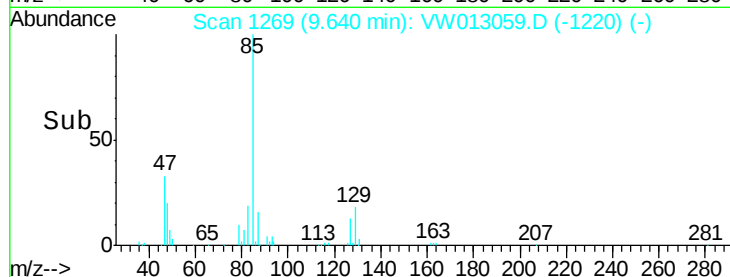
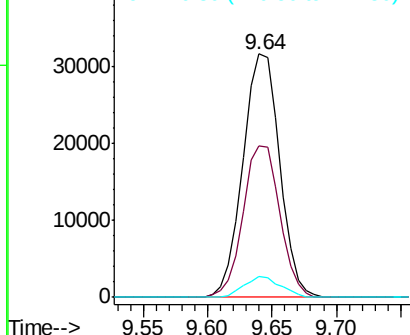
83 100

85 62.3 50.6 75.8

127 8.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 25.641 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

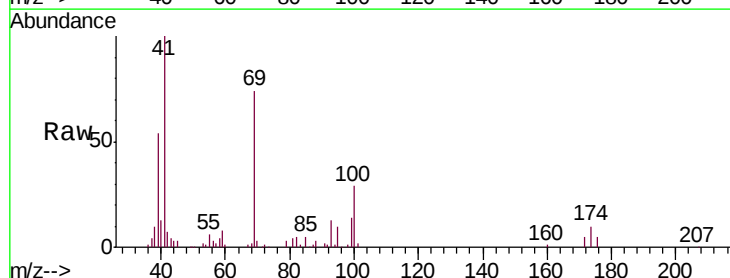
Tgt Ion: 41 Resp: 37379

Ion Ratio Lower Upper

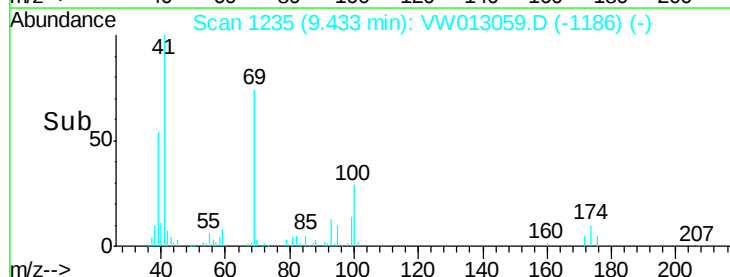
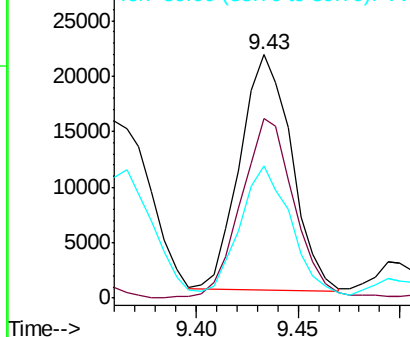
41 100

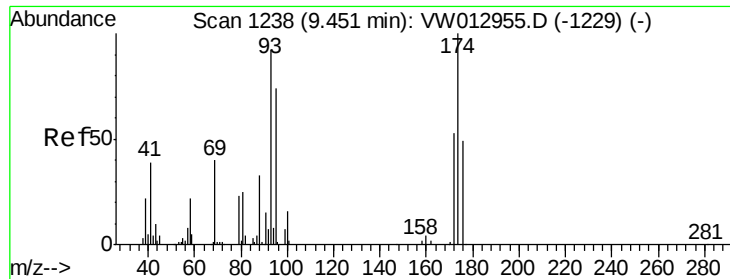
69 78.9 62.8 94.2

39 53.5 48.5 72.7



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

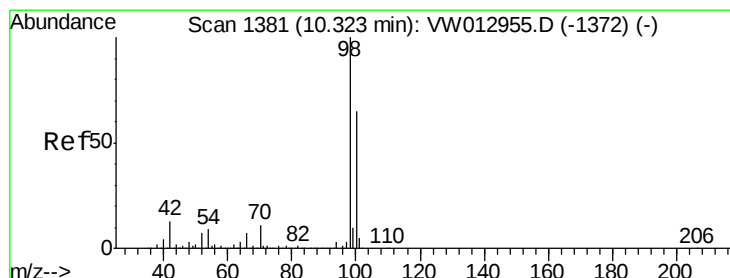
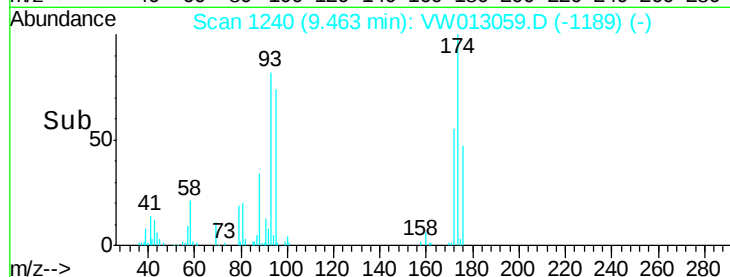
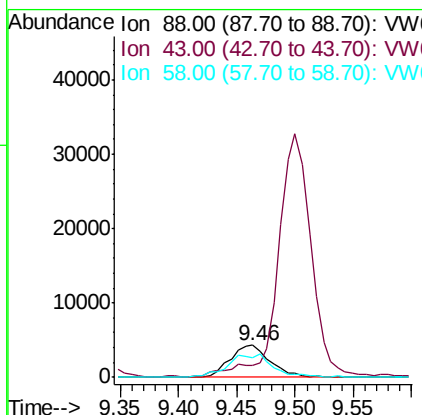
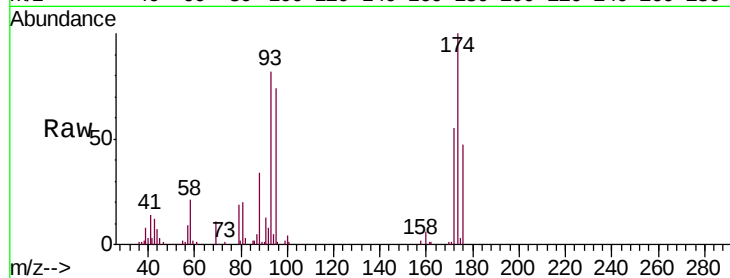




#49
1,4-Dioxane
Concen: 563.525 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

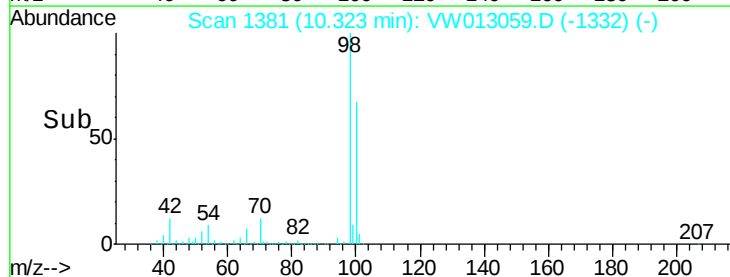
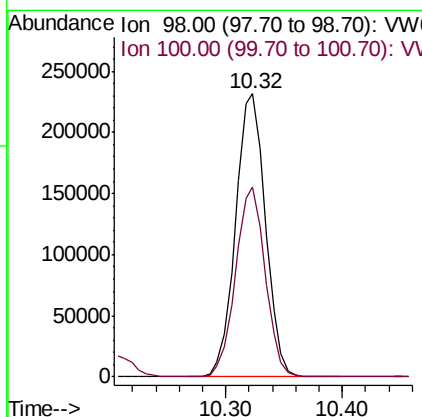
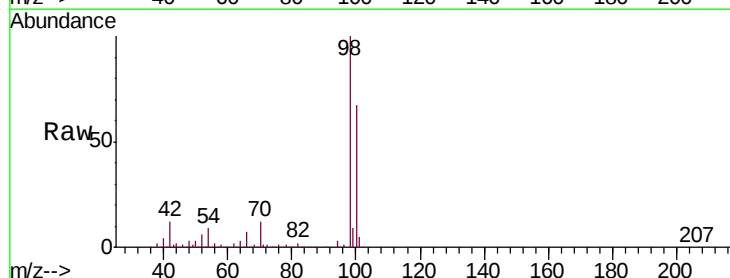
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

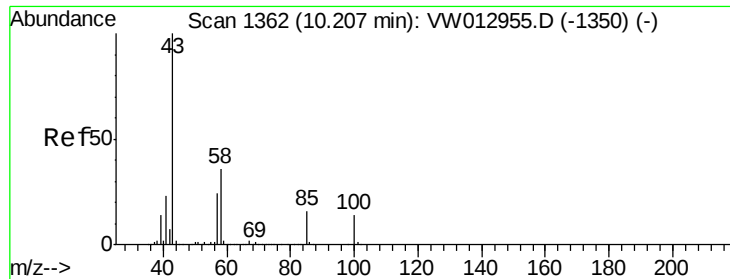
Tgt Ion: 88 Resp: 10227
Ion Ratio Lower Upper
88 100
43 0.0 31.3 46.9#
58 81.6 60.2 90.2



#50
Toluene-d8
Concen: 51.243 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 98 Resp: 415004
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

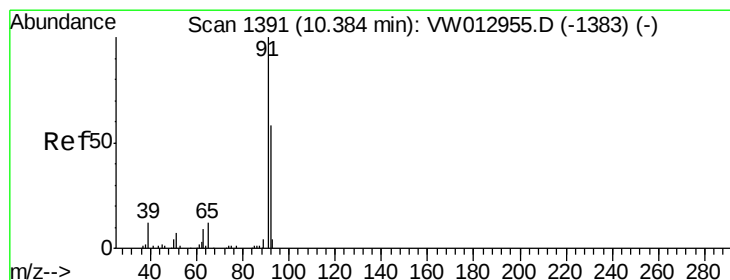
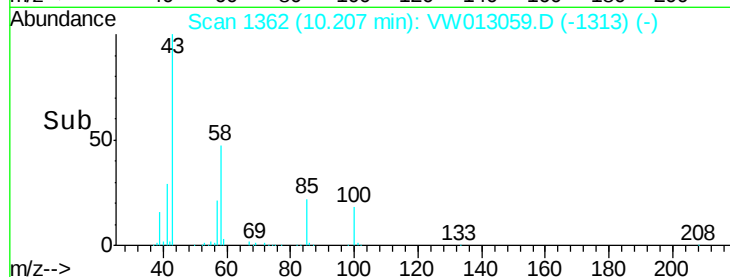
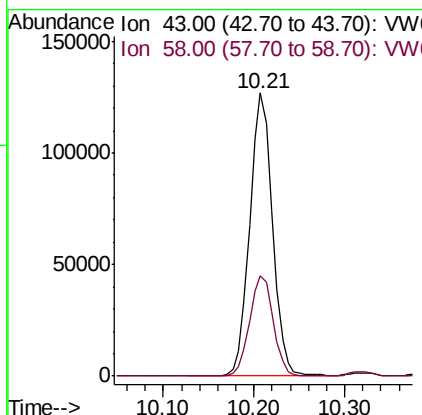
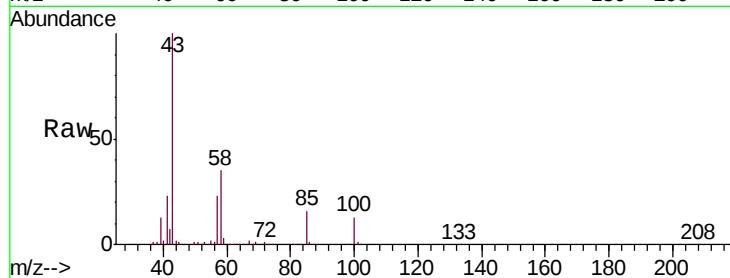




#51
 4-Methyl-2-Pentanone
 Concen: 137.623 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

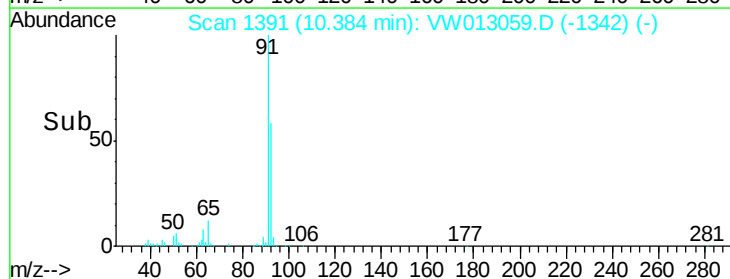
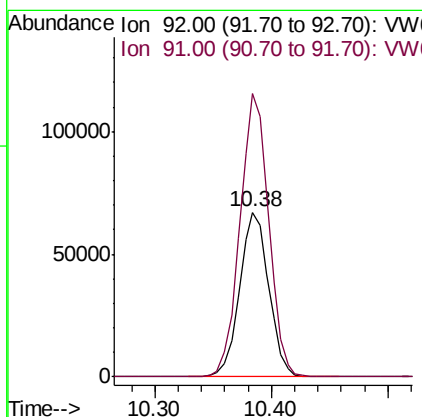
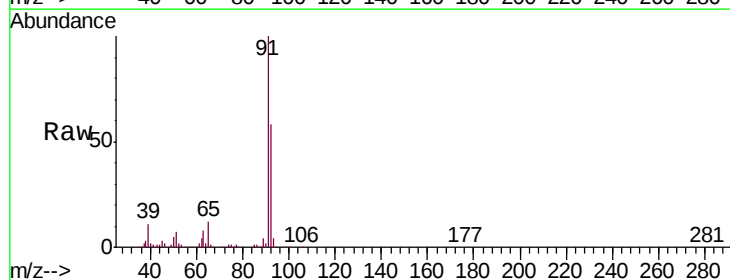
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

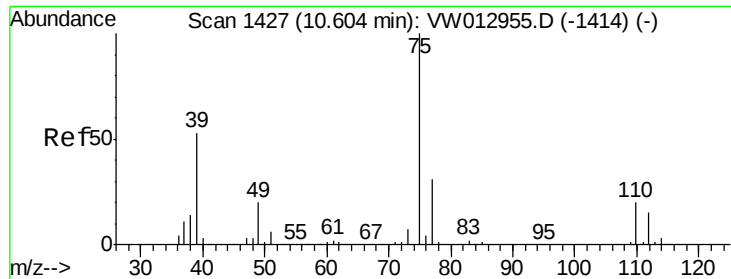
Tgt Ion: 43 Resp: 220703
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.5 44.3



#52
 Toluene
 Concen: 21.596 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 92 Resp: 116763
 Ion Ratio Lower Upper
 92 100
 91 170.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 21.059 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

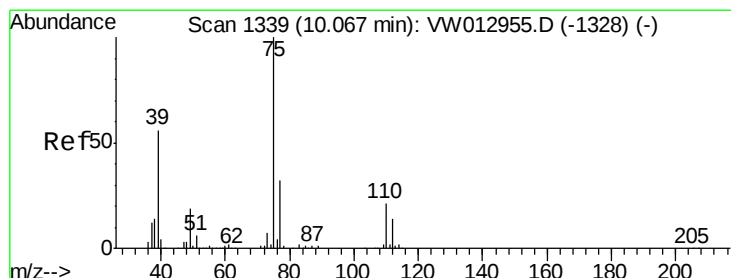
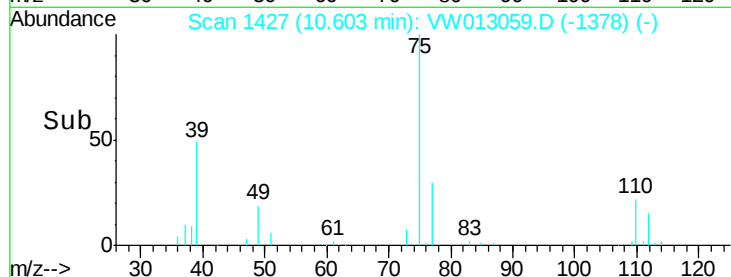
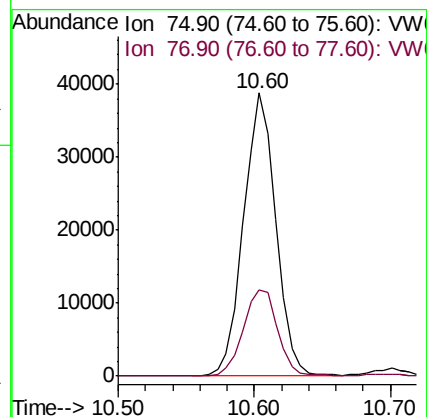
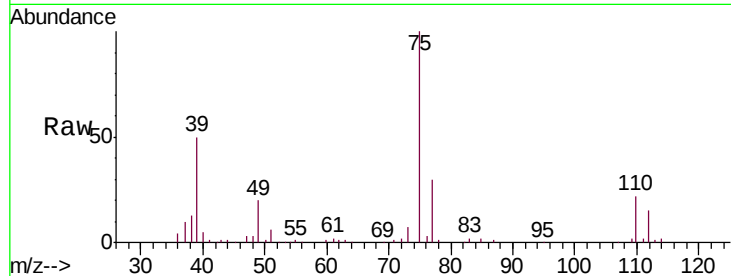
VW0916SBSD02

Tgt Ion: 75 Resp: 64344

Ion Ratio Lower Upper

75 100

77 30.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 21.562 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

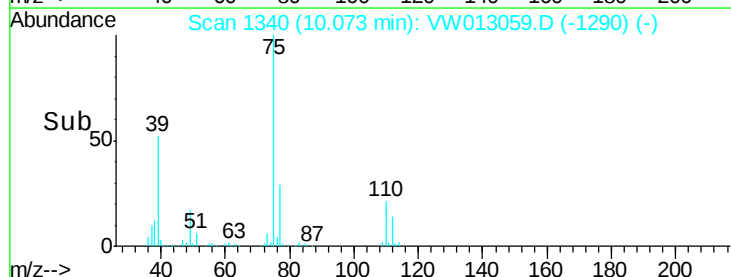
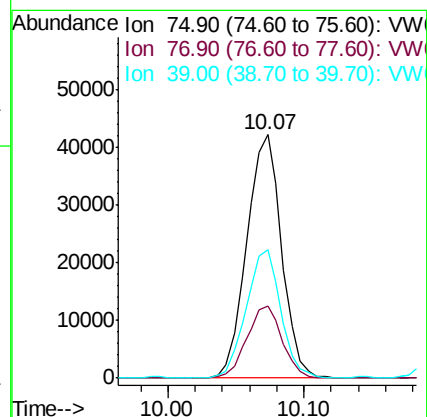
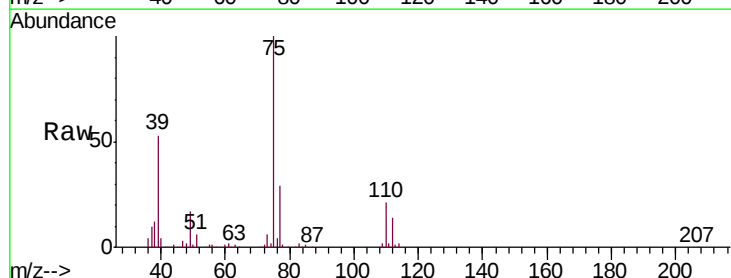
Tgt Ion: 75 Resp: 75378

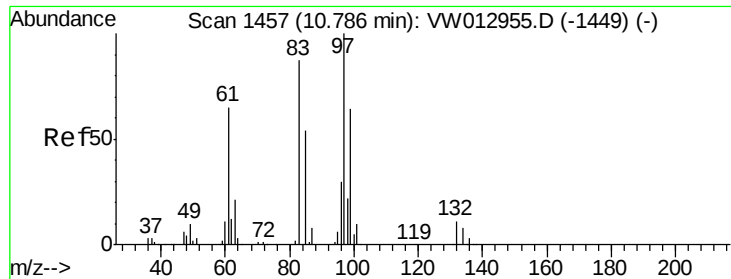
Ion Ratio Lower Upper

75 100

77 29.4 25.5 38.3

39 52.4 45.0 67.6

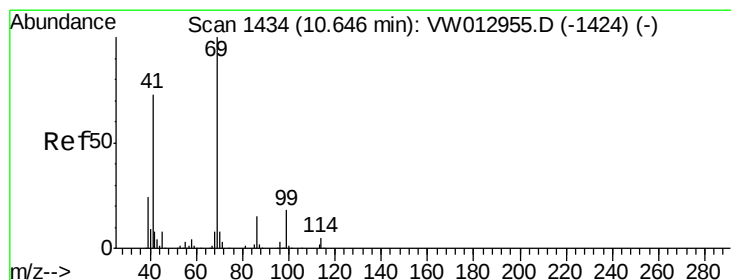
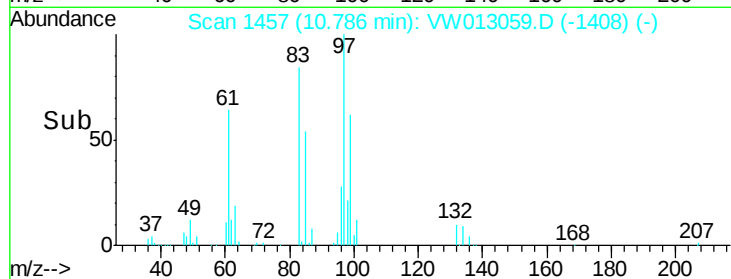
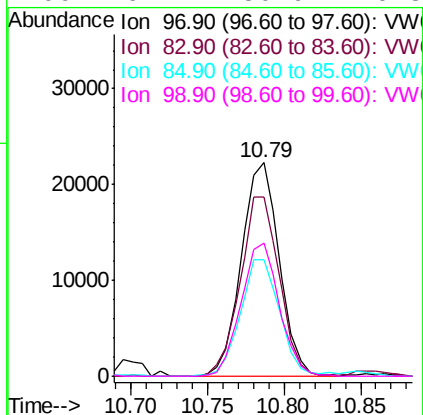
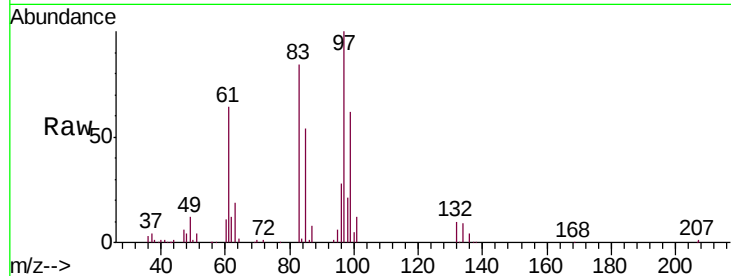




#55
 1,1,2-Trichloroethane
 Concen: 23.229 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

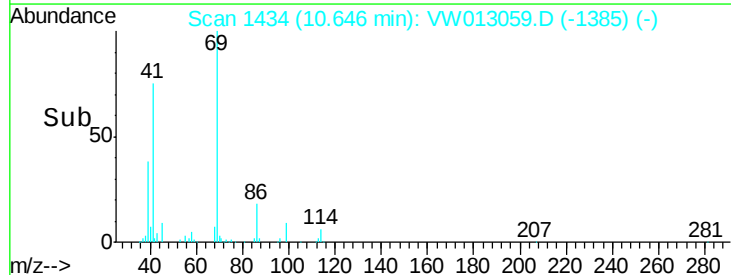
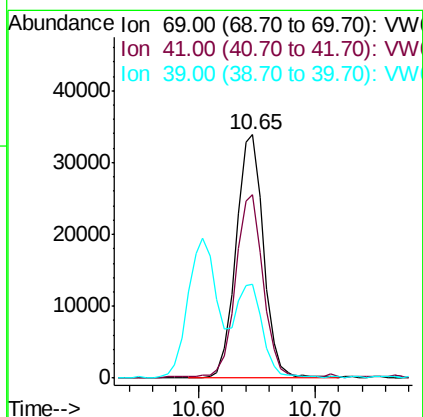
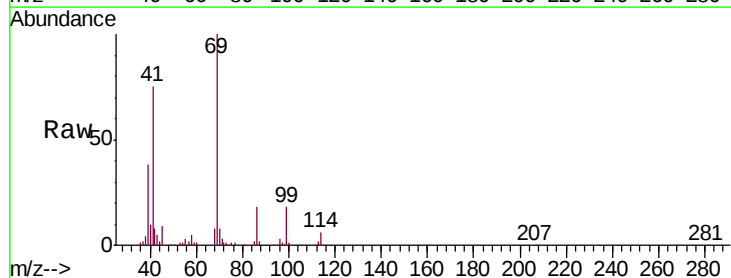
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

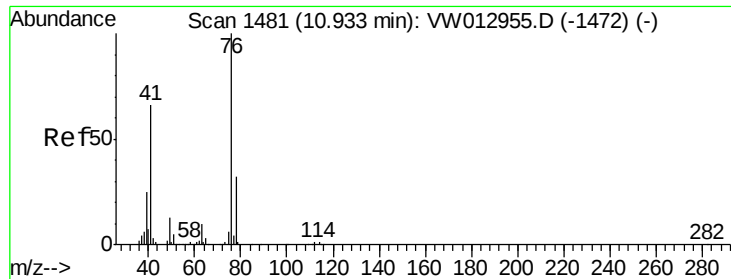
Tgt Ion:	97	Resp:	38326
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.4	104.0
85	54.5	43.3	64.9
99	62.1	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 25.159 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion:	69	Resp:	55876
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.8	91.2
39	34.7	29.4	44.0

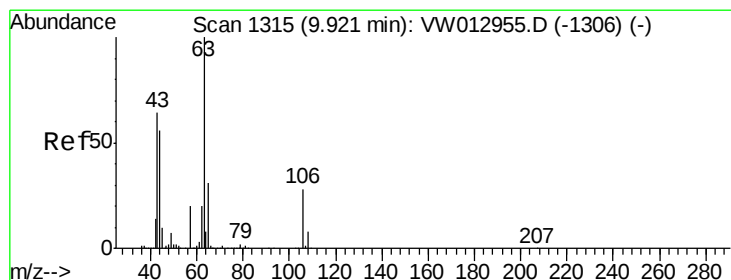
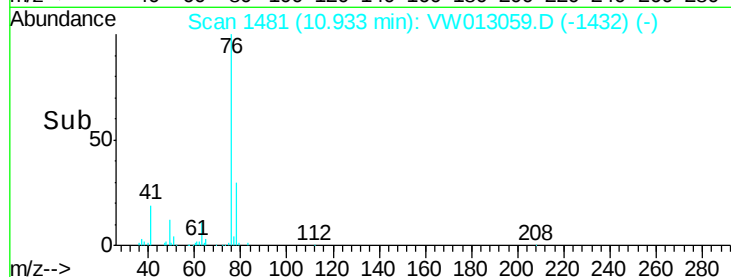
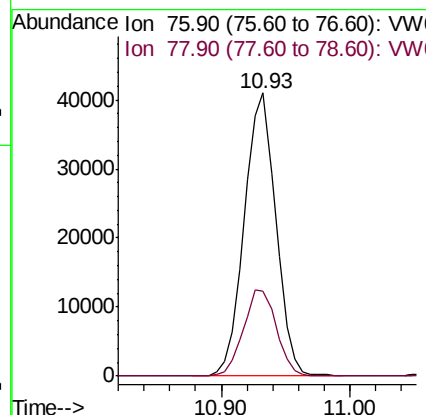
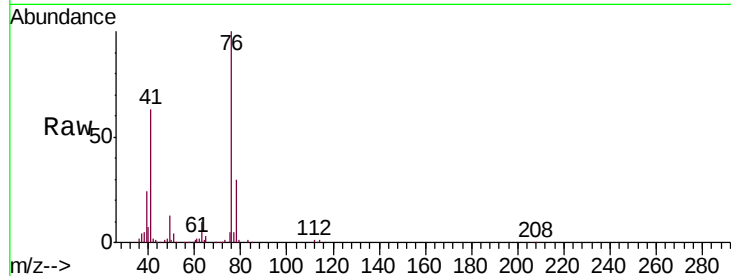




#57
 1,3-Dichloropropane
 Concen: 23.688 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

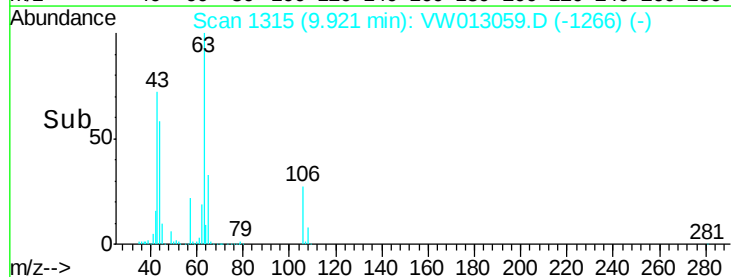
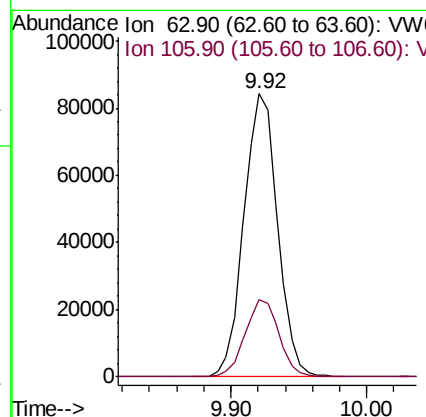
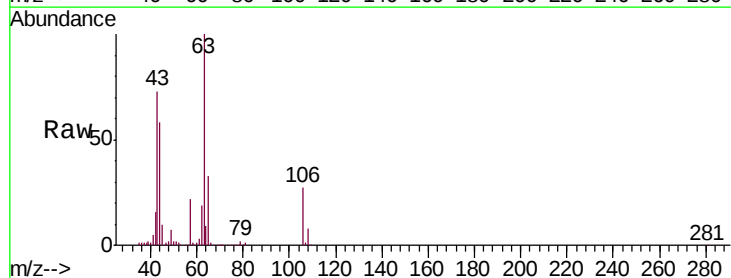
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

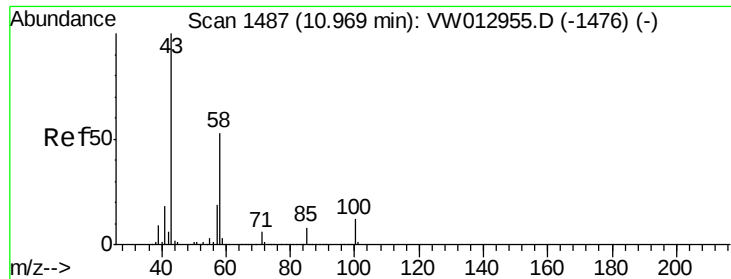
Tgt Ion: 76 Resp: 69332
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.318 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 63 Resp: 145723
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.2 33.2

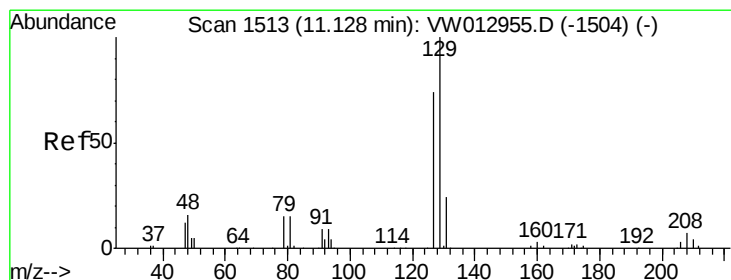
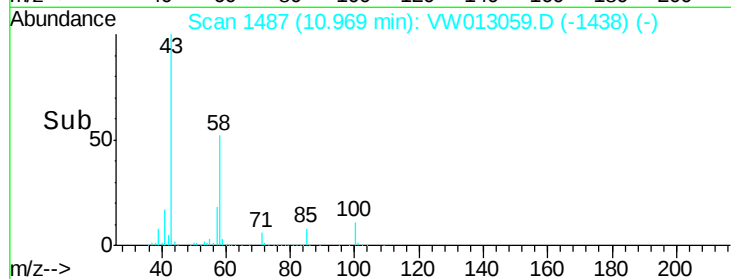
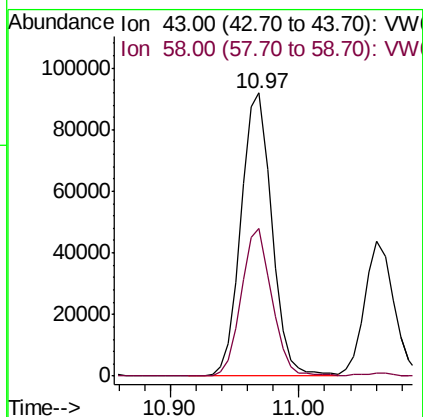
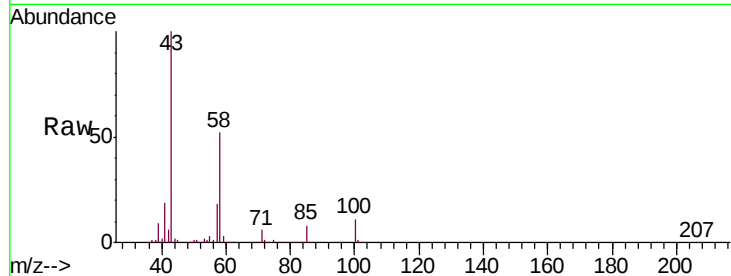




#59
2-Hexanone
Concen: 136.355 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

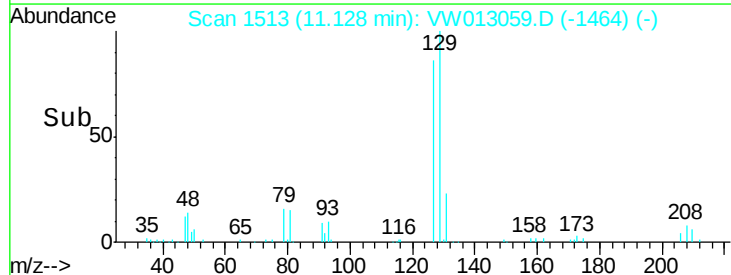
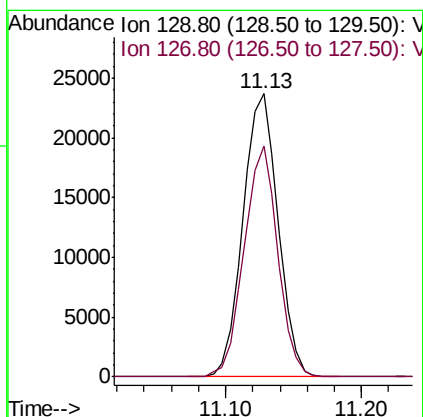
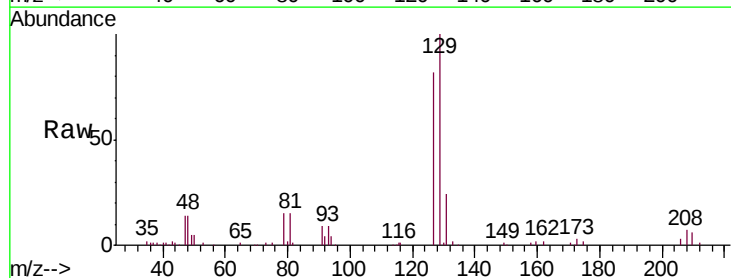
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

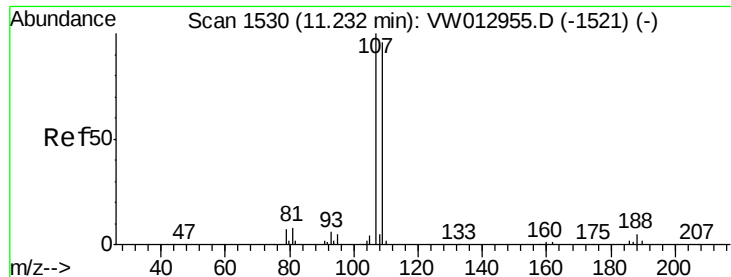
Tgt Ion: 43 Resp: 152262
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.3



#60
Dibromochloromethane
Concen: 21.420 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 129 Resp: 42729
Ion Ratio Lower Upper
129 100
127 78.2 37.4 112.2





#61

1,2-Dibromoethane

Concen: 24.697 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

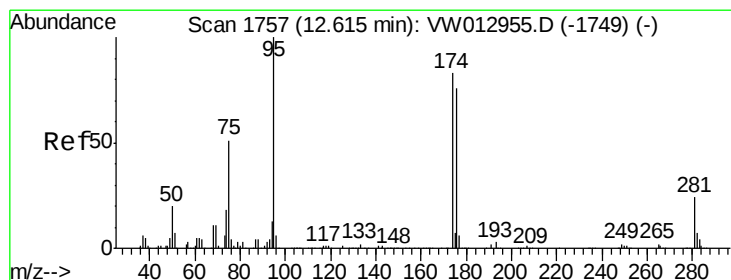
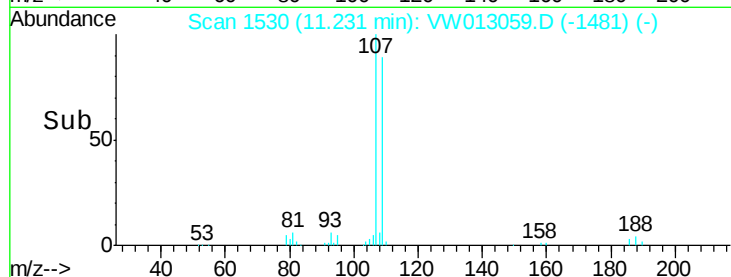
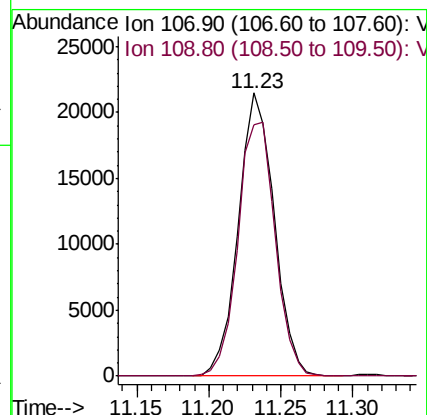
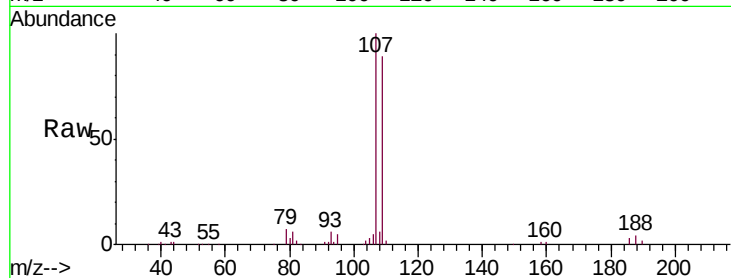
VW0916SBSD02

Tgt Ion: 107 Resp: 37173

Ion Ratio Lower Upper

107 100

109 93.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 50.836 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

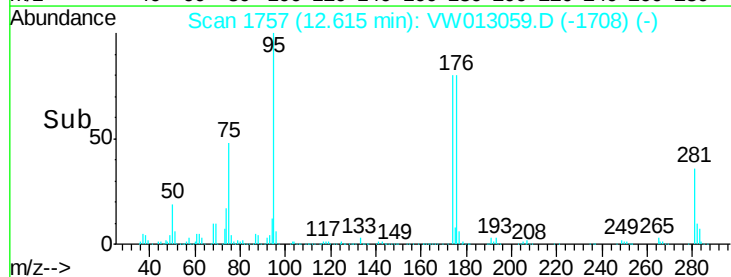
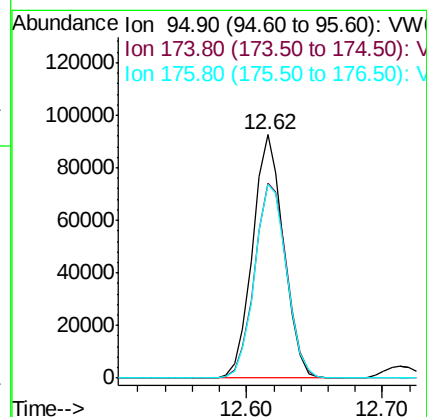
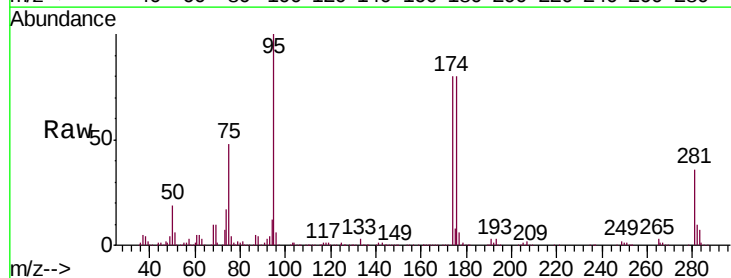
Tgt Ion: 95 Resp: 148043

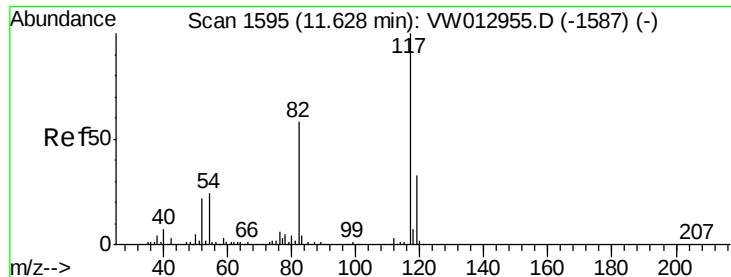
Ion Ratio Lower Upper

95 100

174 83.3 0.0 170.4

176 82.1 0.0 164.6

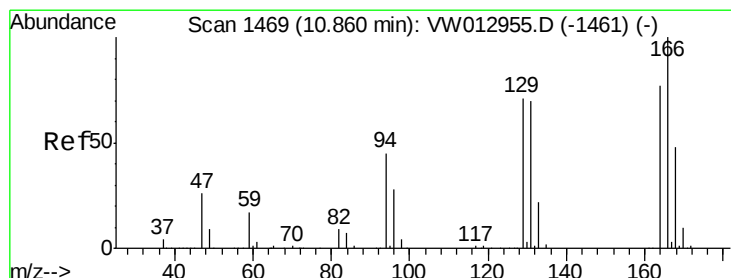
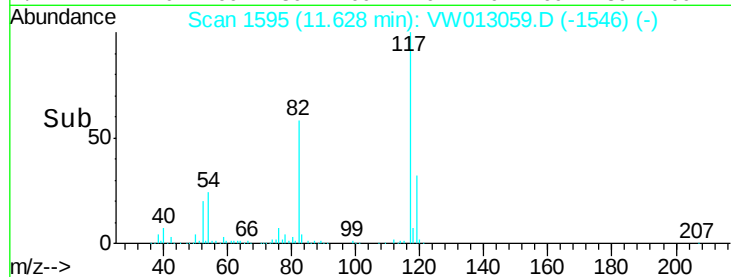
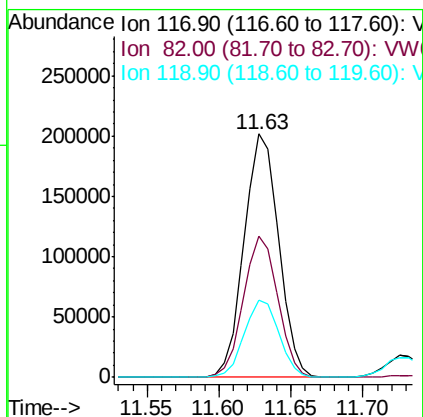
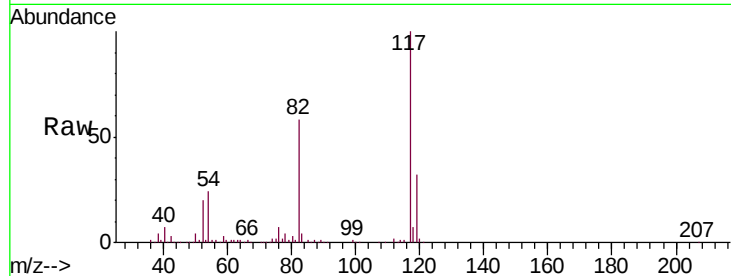




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

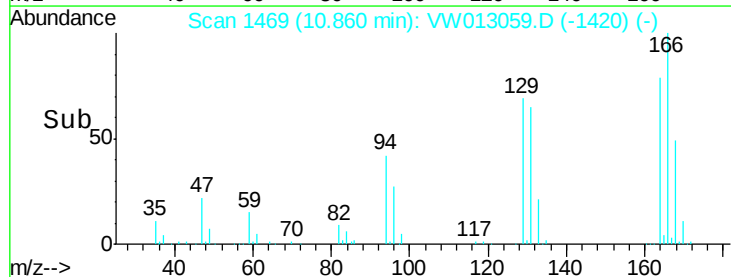
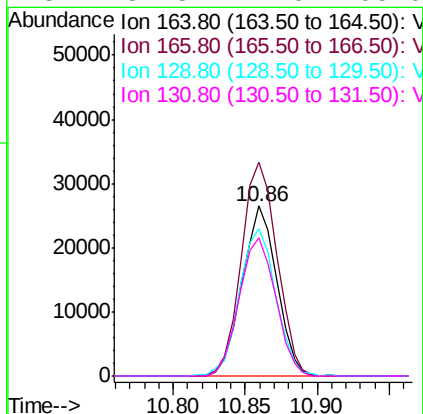
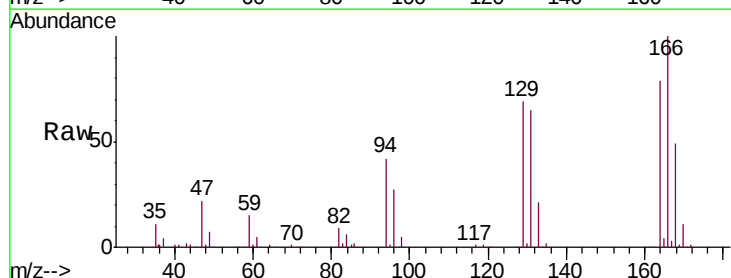
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

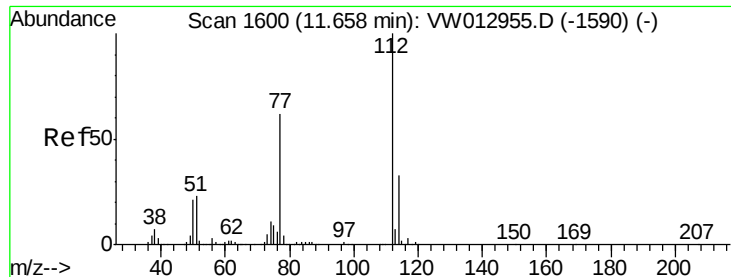
Tgt Ion:117 Resp: 335395
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 22.211 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion:164 Resp: 44317
Ion Ratio Lower Upper
164 100
166 125.8 103.3 154.9
129 87.0 73.8 110.8
131 81.8 72.0 108.0

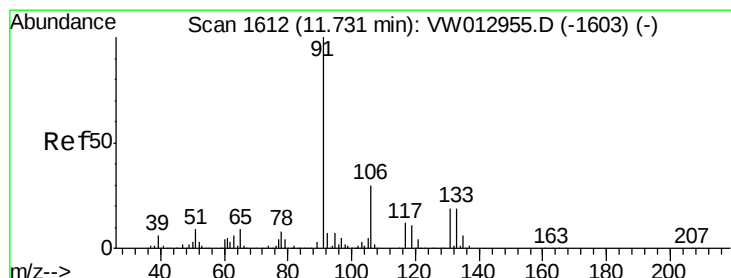
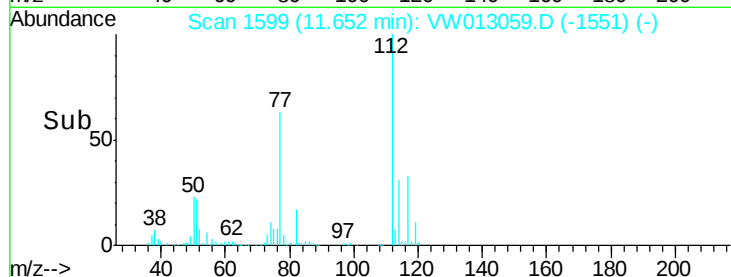
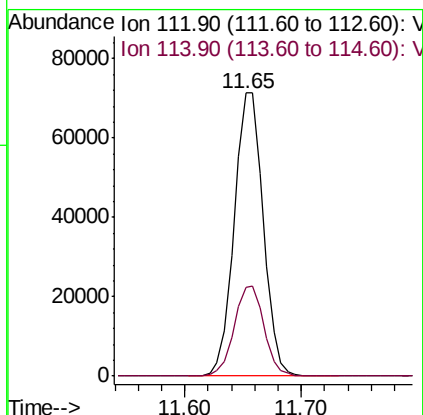
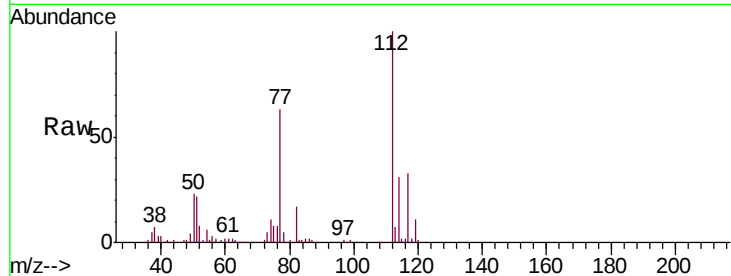




#65
Chlorobenzene
Concen: 20.749 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

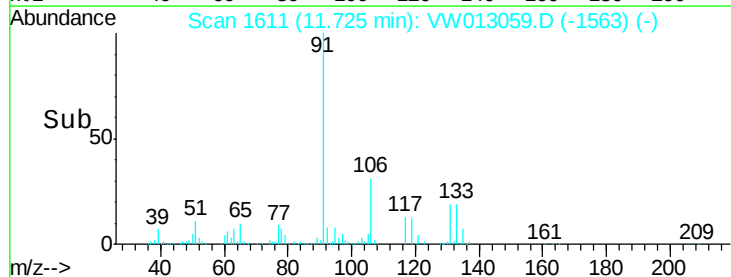
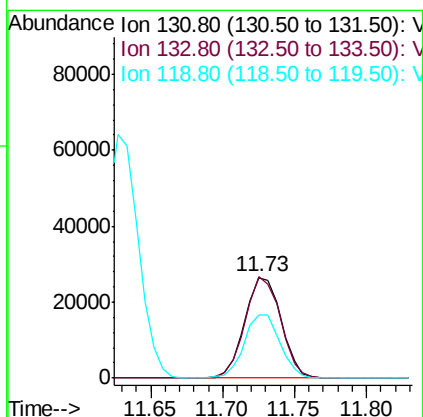
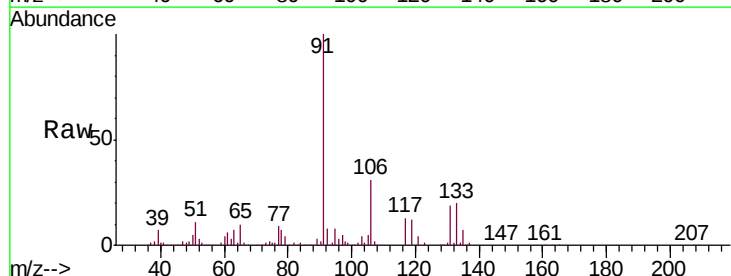
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

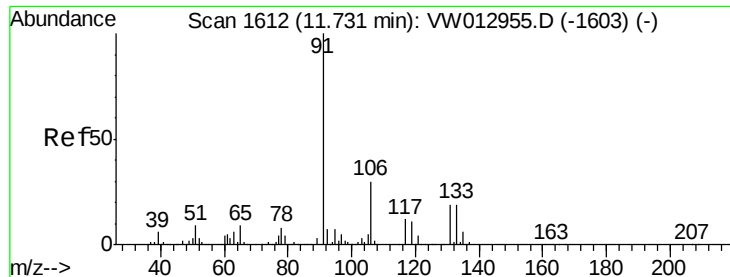
Tgt Ion:112 Resp: 123958
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.252 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion:131 Resp: 46366
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.8
119 62.2 30.9 92.7

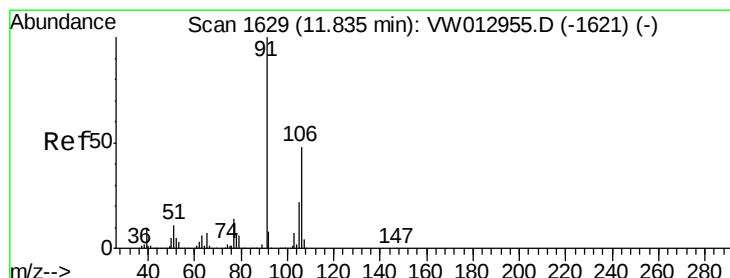
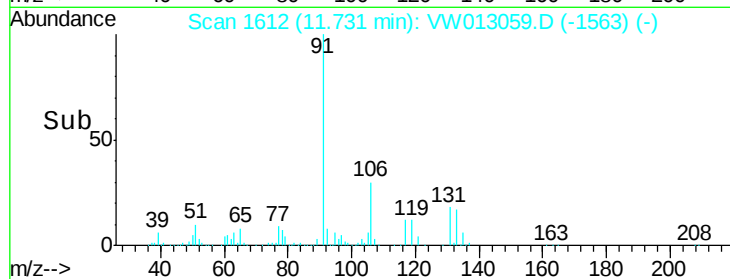
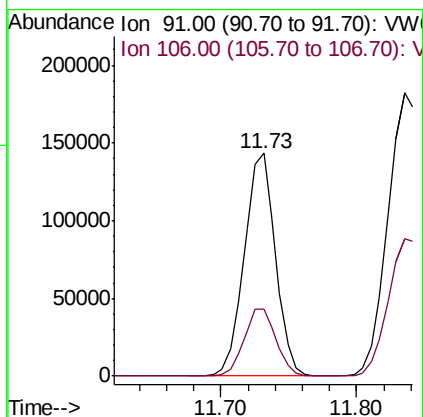
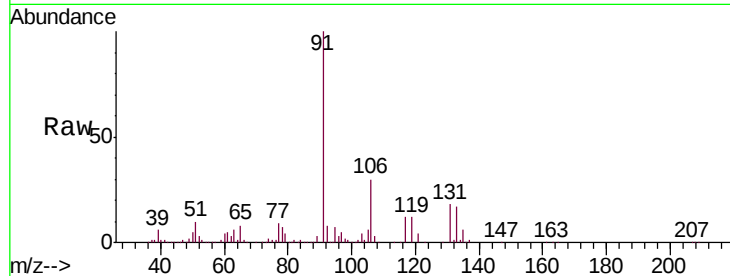




#67
Ethyl Benzene
Concen: 20.893 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

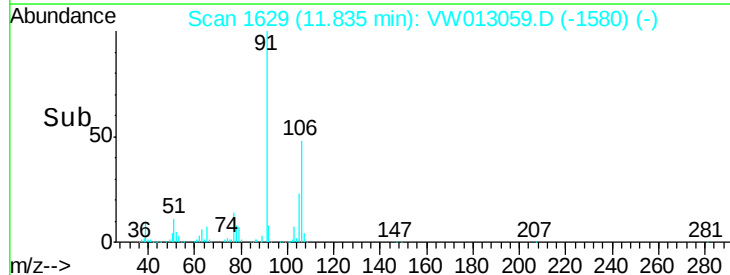
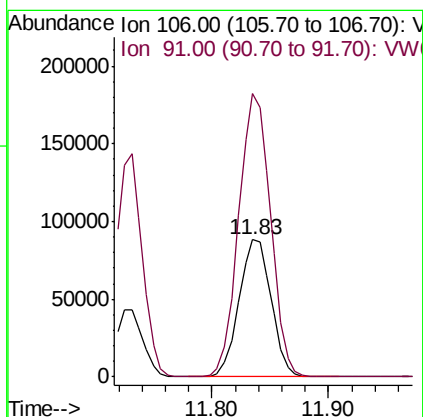
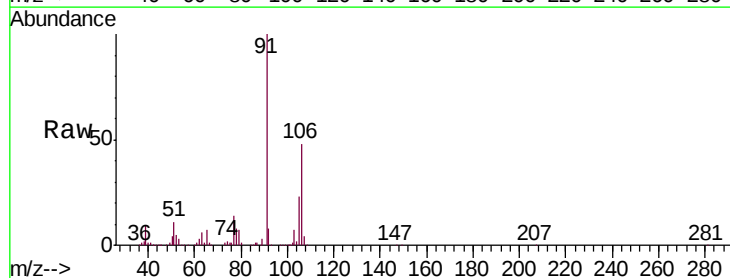
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

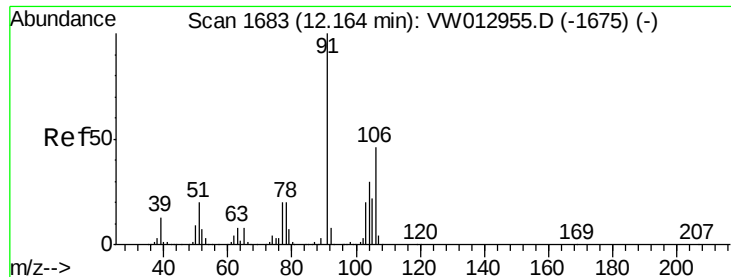
Tgt Ion: 91 Resp: 230524
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 42.202 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 106 Resp: 170103
Ion Ratio Lower Upper
106 100
91 205.3 165.8 248.8

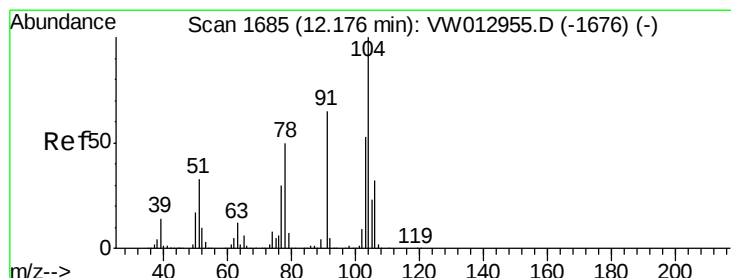
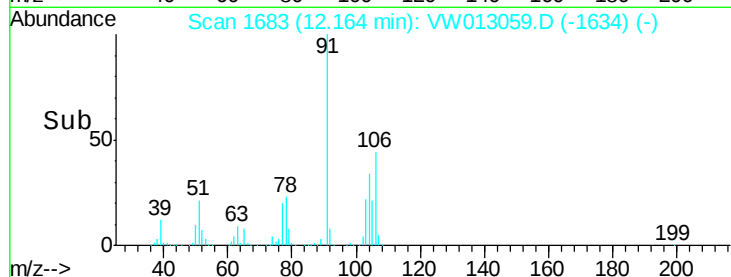
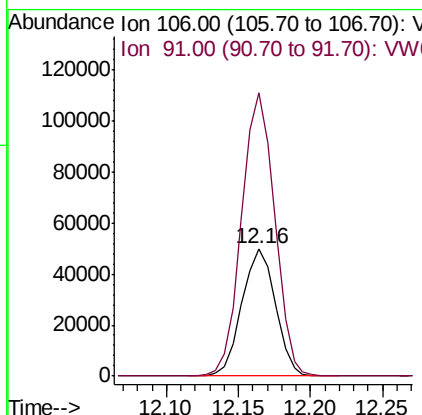
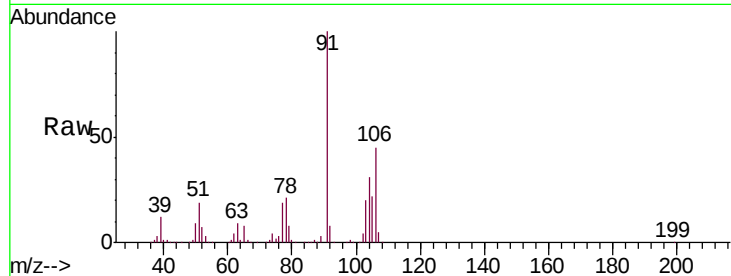




#69
o-Xylene
Concen: 21.291 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

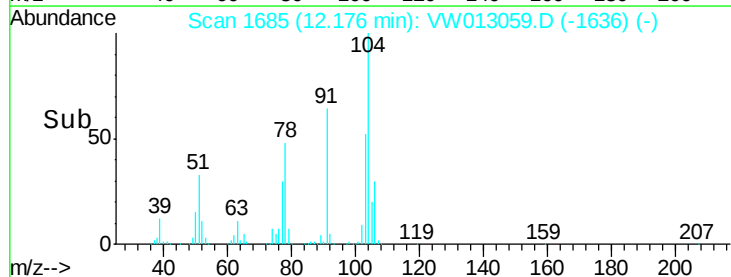
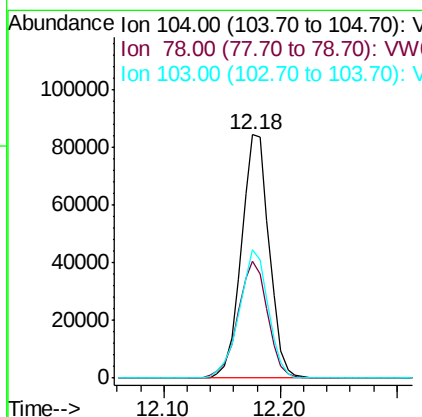
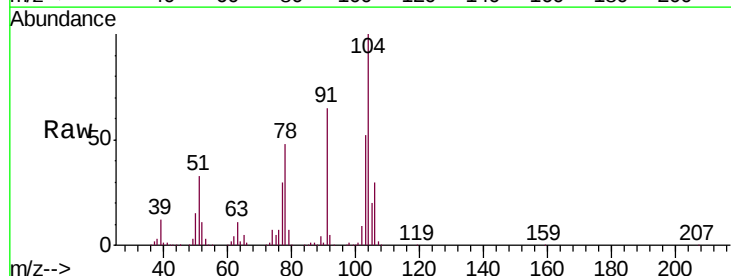
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

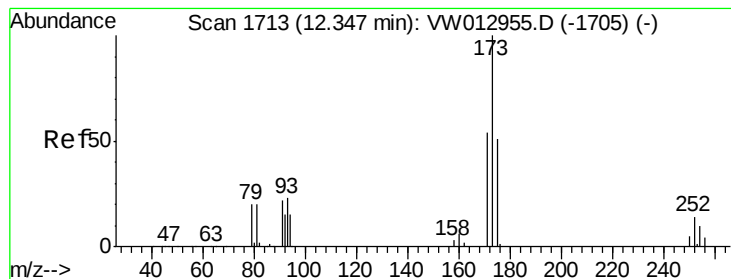
Tgt Ion:106 Resp: 80457
Ion Ratio Lower Upper
106 100
91 219.8 109.7 329.0



#70
Styrene
Concen: 20.910 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion:104 Resp: 140561
Ion Ratio Lower Upper
104 100
78 51.0 42.1 63.1
103 55.1 44.2 66.4





#71

Bromoform

Concen: 22.373 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

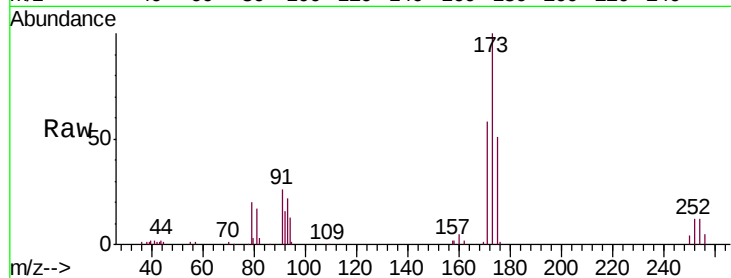
Tgt Ion:173 Resp: 26905

Ion Ratio Lower Upper

173 100

175 49.7 24.2 72.6

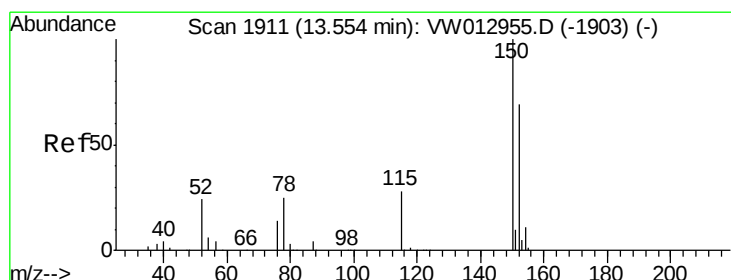
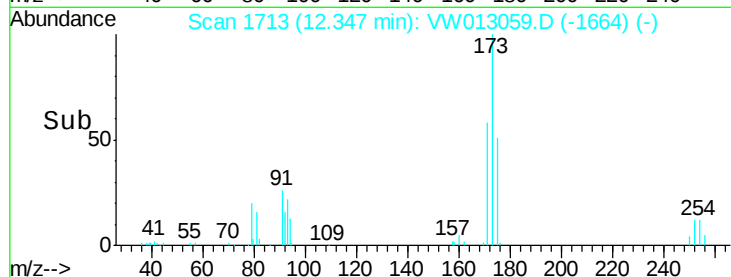
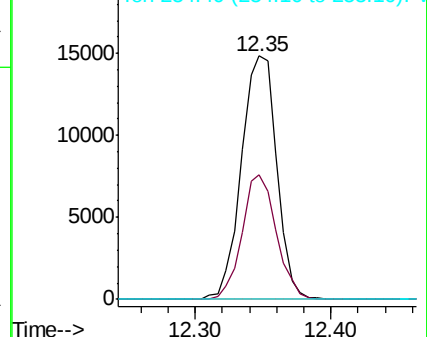
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

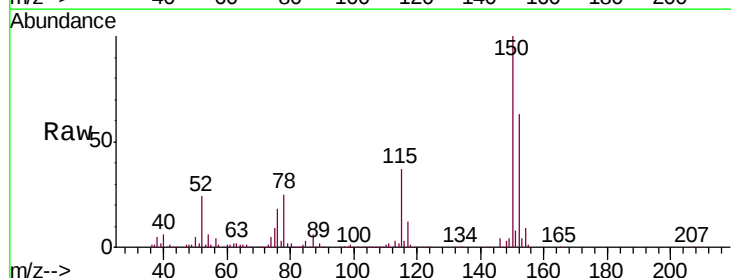
Tgt Ion:152 Resp: 167545

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.4

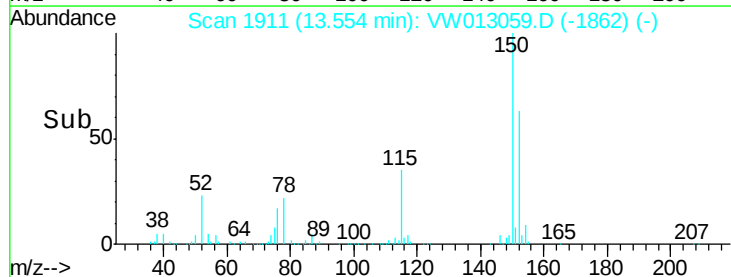
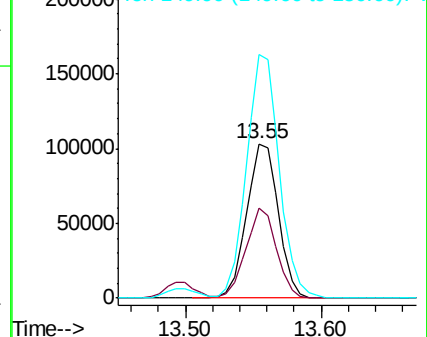
150 163.2 0.0 340.2

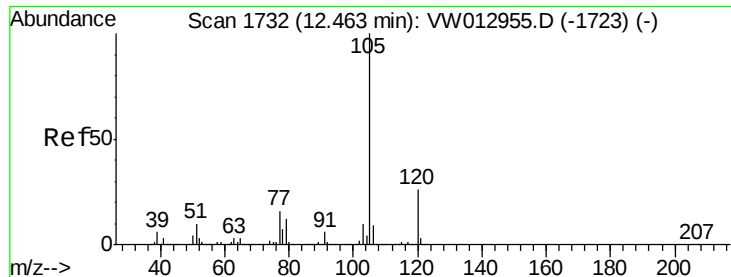


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.290 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

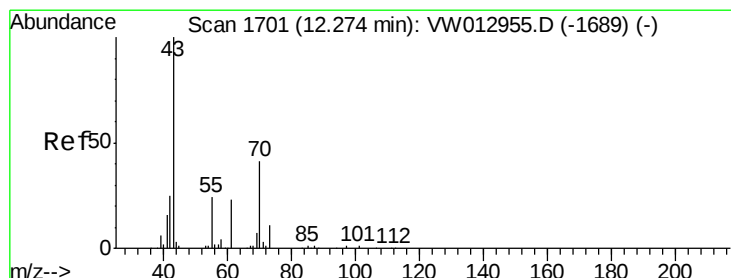
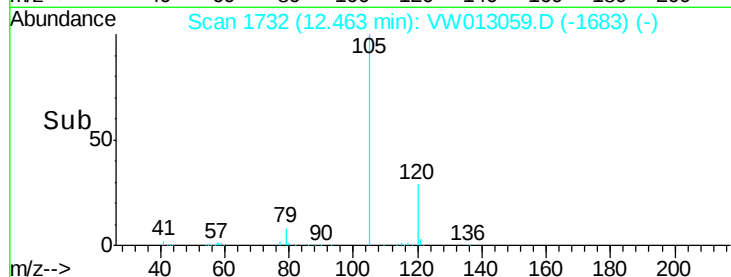
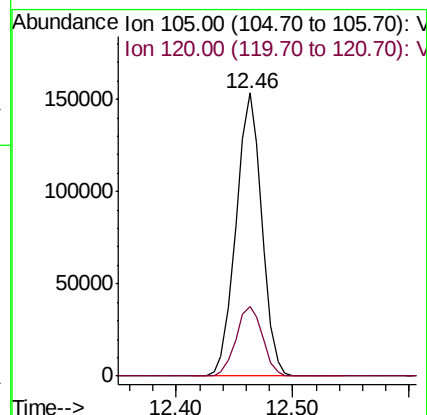
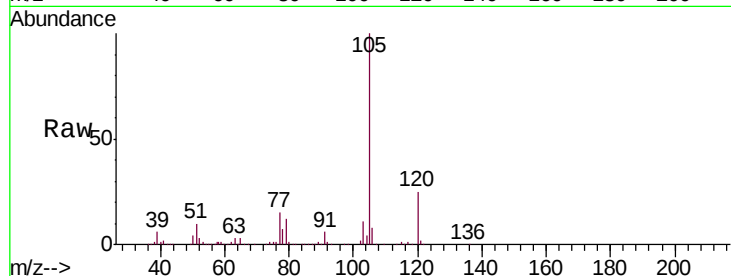
VW0916SBSD02

Tgt Ion:105 Resp: 236437

Ion Ratio Lower Upper

105 100

120 25.4 13.0 39.0



#74

N-ethyl acetate

Concen: 24.059 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Tgt Ion: 43 Resp: 68730

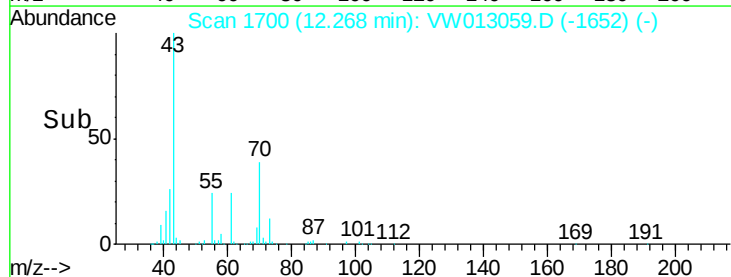
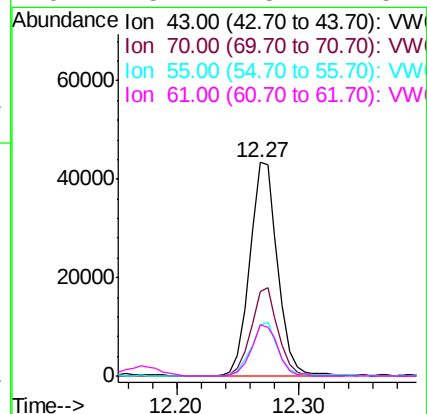
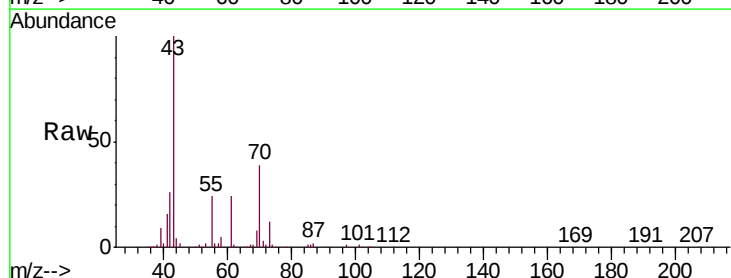
Ion Ratio Lower Upper

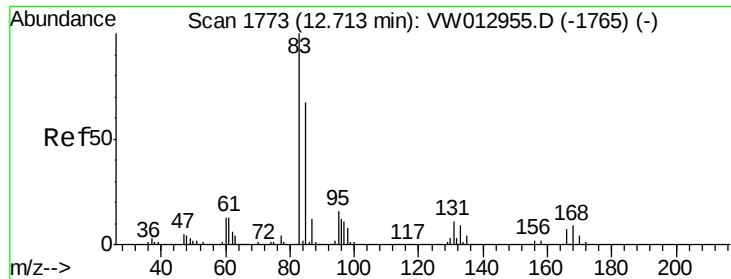
43 100

70 39.9 31.7 47.5

55 23.8 19.4 29.2

61 23.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 25.564 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

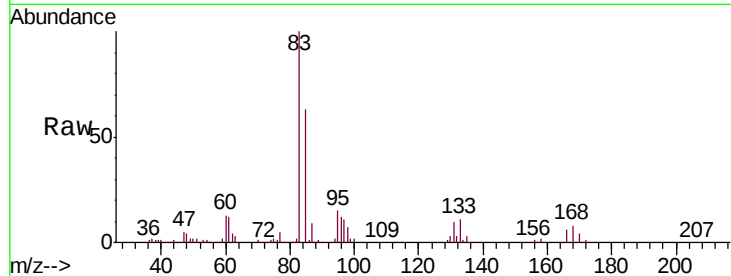
Tgt Ion: 83 Resp: 49862

Ion Ratio Lower Upper

83 100

131 10.0 5.7 17.1

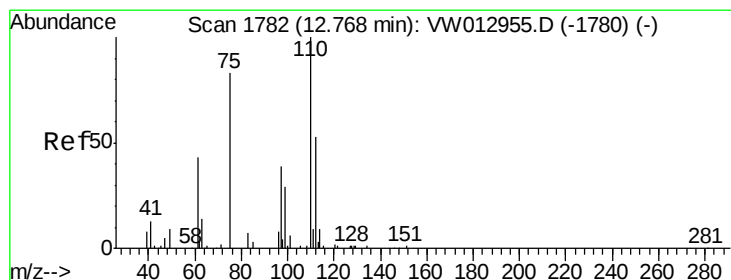
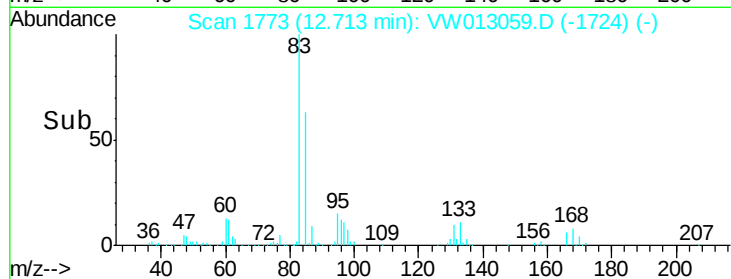
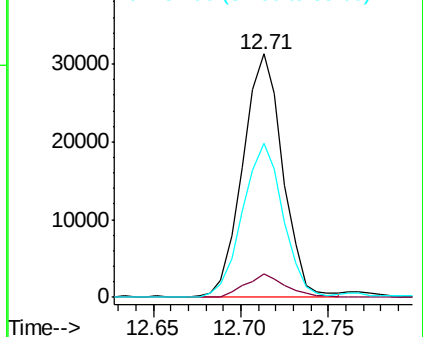
85 63.7 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.891 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013059.D

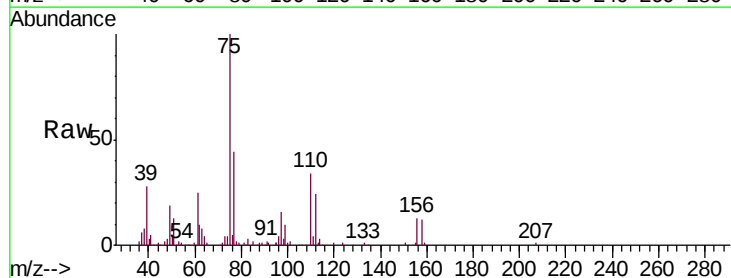
Acq: 17 Sep 2019 00:36

Tgt Ion: 75 Resp: 64413

Ion Ratio Lower Upper

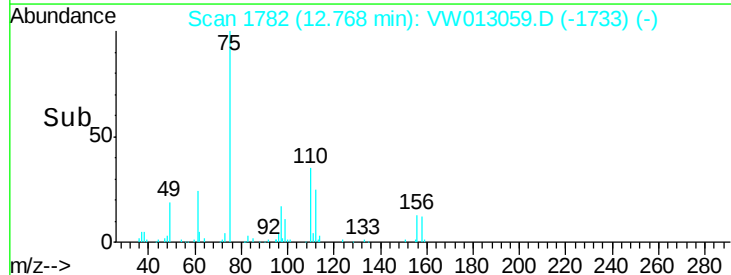
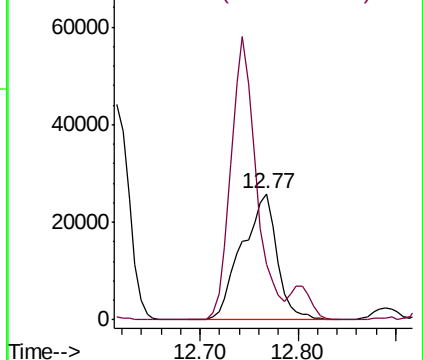
75 100

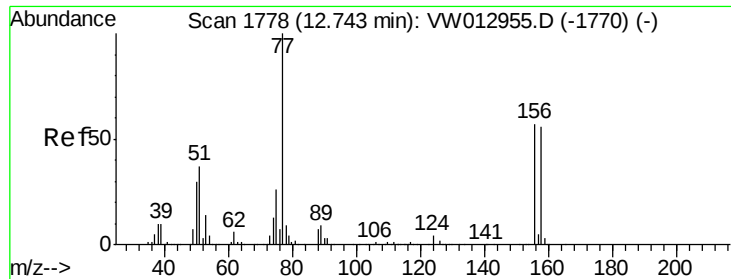
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.263 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

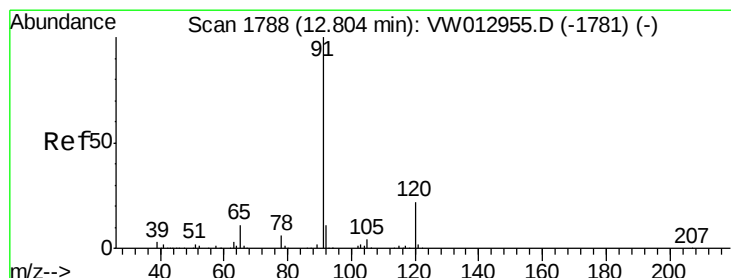
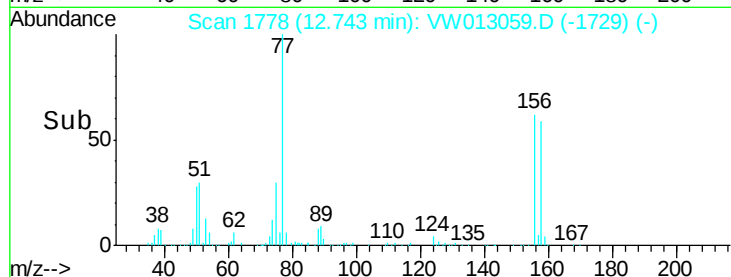
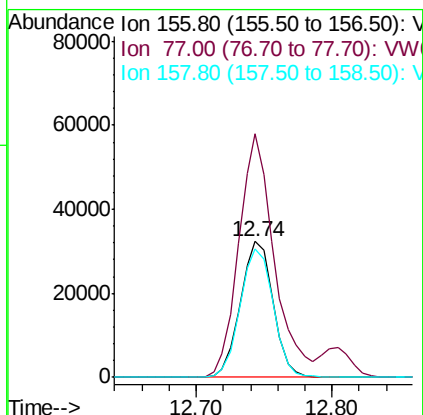
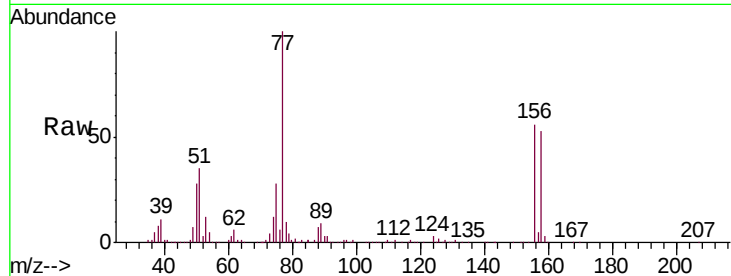
Tgt Ion:156 Resp: 54400

Ion Ratio Lower Upper

156 100

77 193.5 95.2 285.6

158 96.1 49.0 147.2



#78

n-propylbenzene

Concen: 20.696 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013059.D

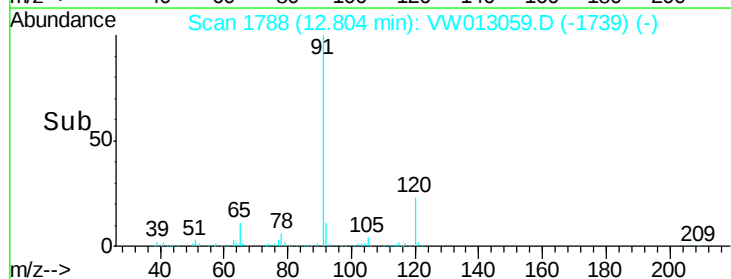
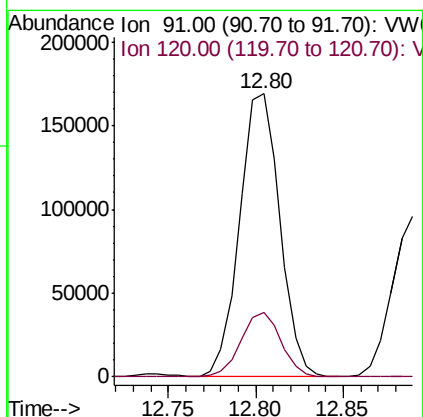
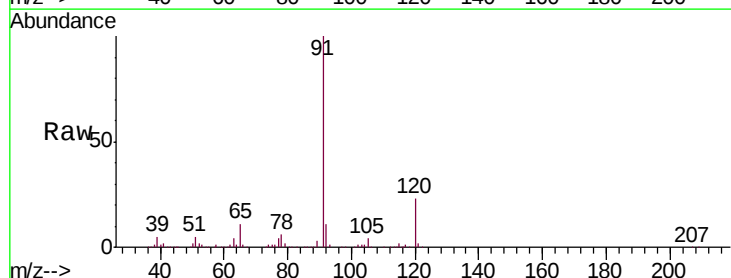
Acq: 17 Sep 2019 00:36

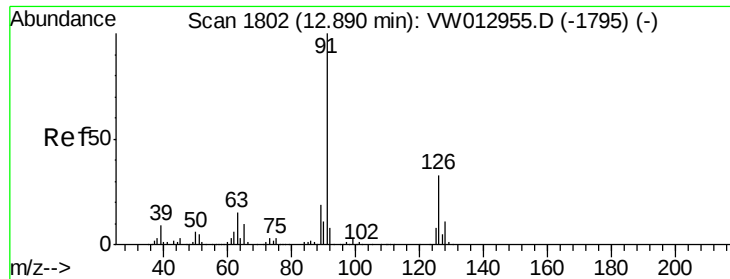
Tgt Ion: 91 Resp: 270351

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5

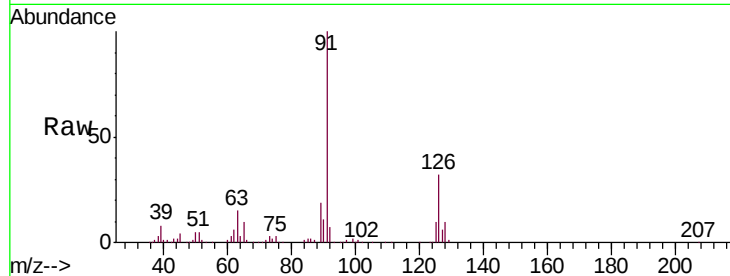




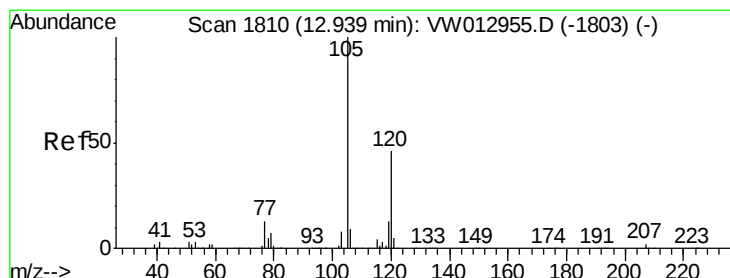
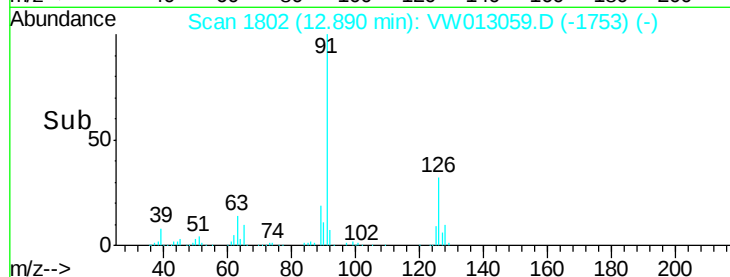
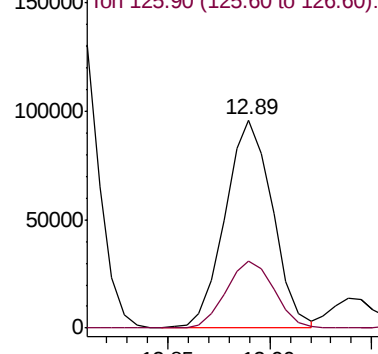
#79
 2-Chlorotoluene
 Concen: 20.605 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

Tgt Ion: 91 Resp: 154731
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.5 49.5

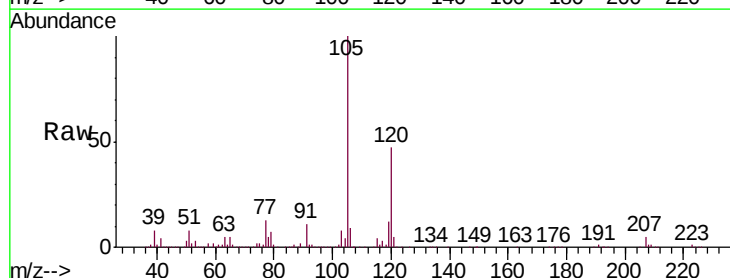


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

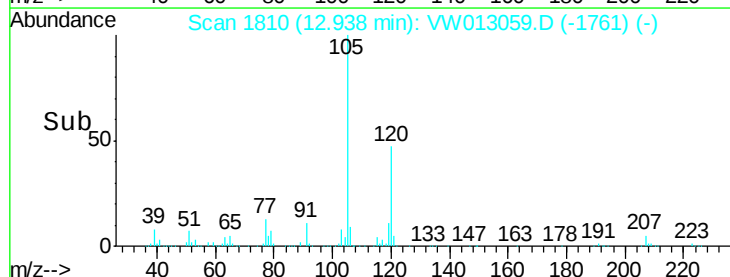
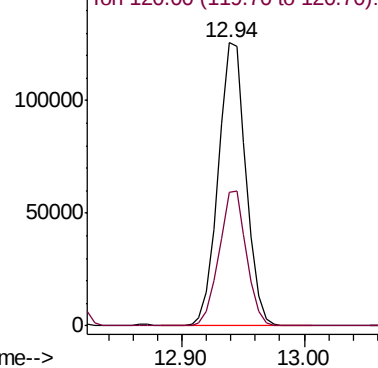


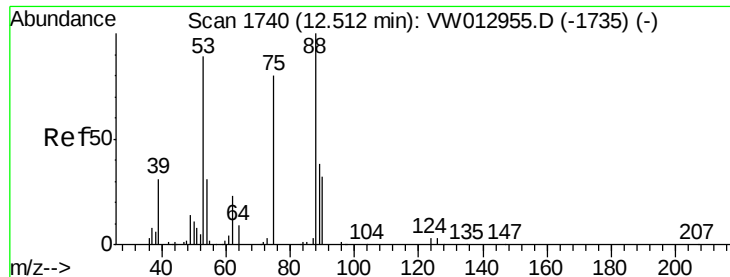
#80
 1,3,5-Trimethylbenzene
 Concen: 21.056 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 105 Resp: 197826
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

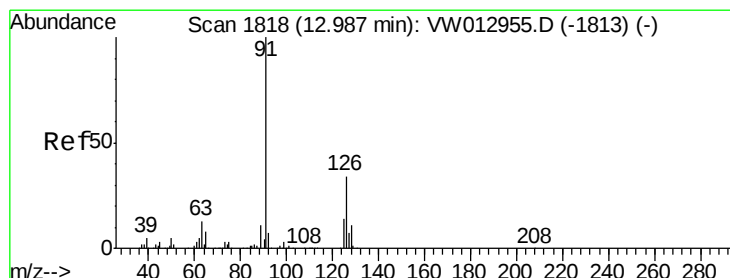
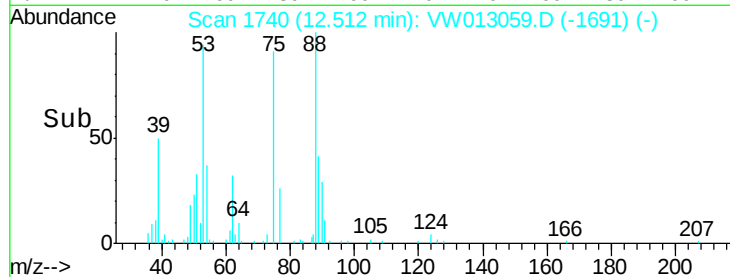
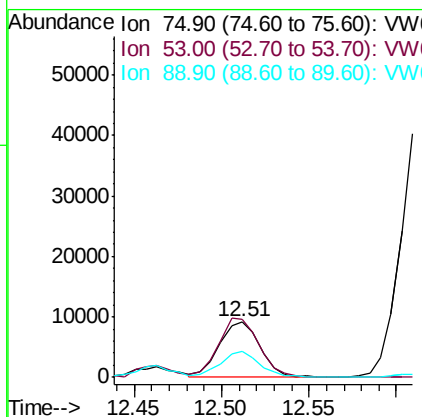
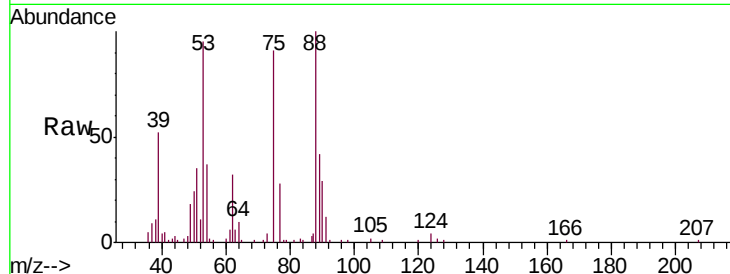




#81
 trans-1,4-Dichloro-2-butene
 Concen: 23.254 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

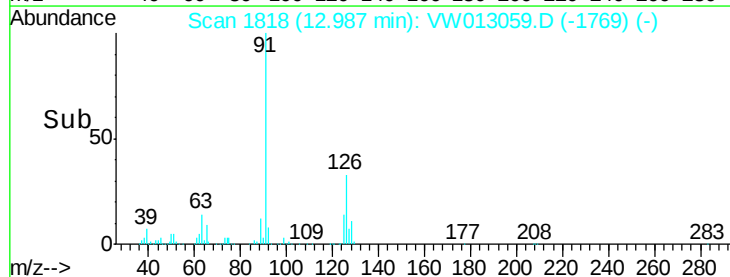
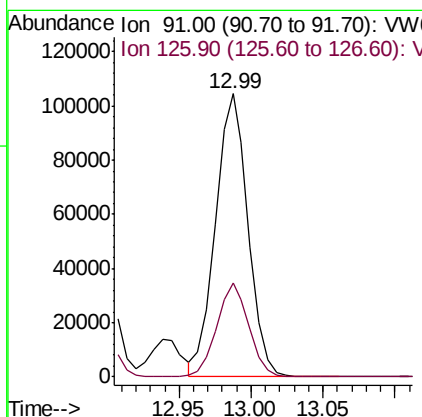
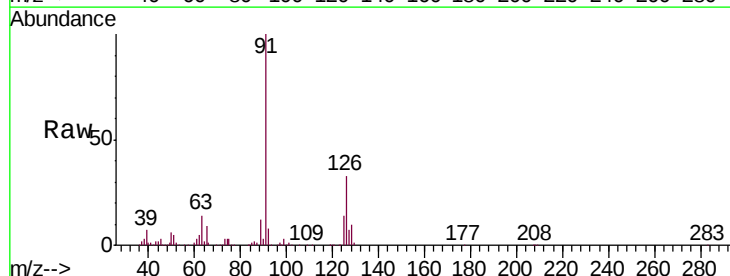
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

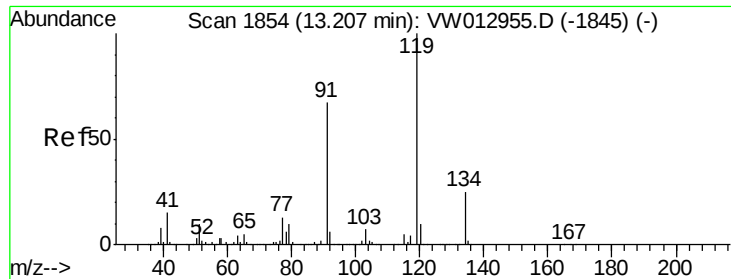
Tgt Ion: 75 Resp: 15044
 Ion Ratio Lower Upper
 75 100
 53 105.2 85.6 128.4
 89 44.6 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 20.704 ug/l
 RT: 12.99 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion: 91 Resp: 164044
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3

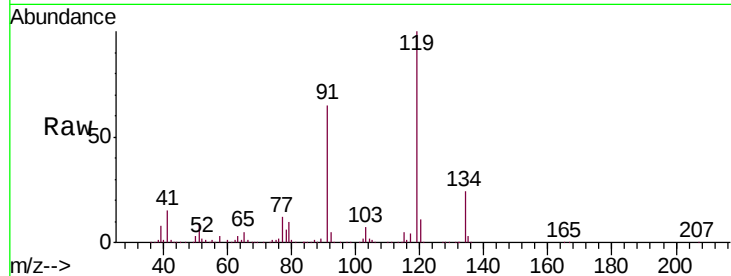




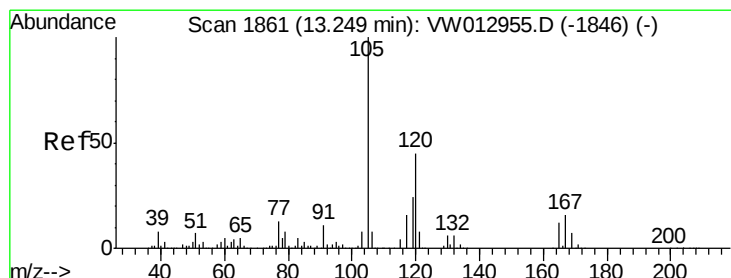
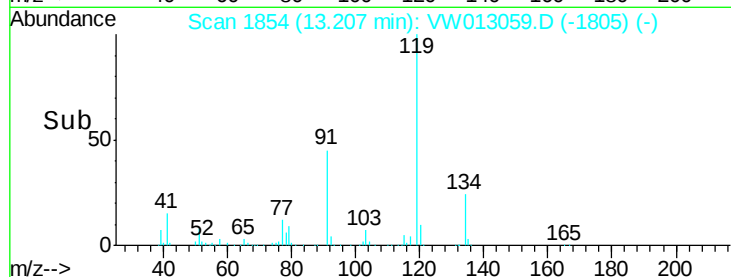
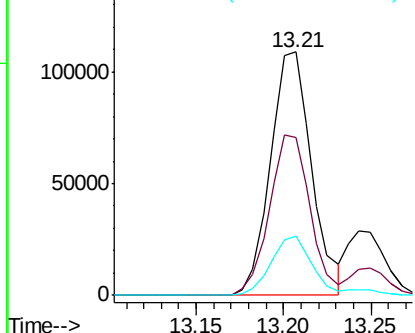
#83
 tert-Butylbenzene
 Concen: 21.301 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

Tgt Ion:119 Resp: 179003
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.6 98.0
 134 24.1 12.4 37.4

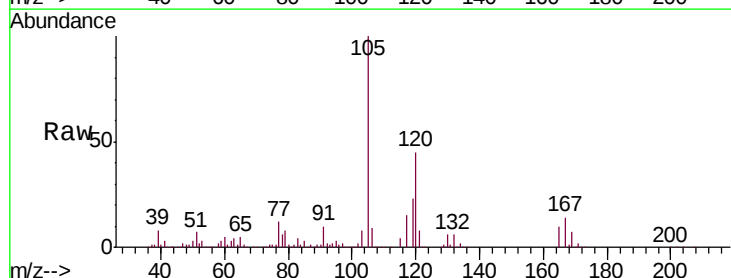


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70): V

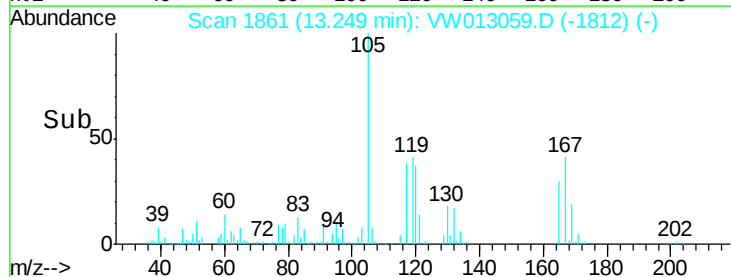
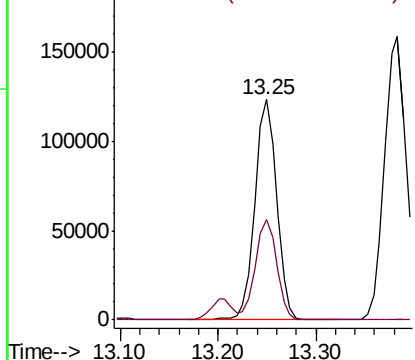


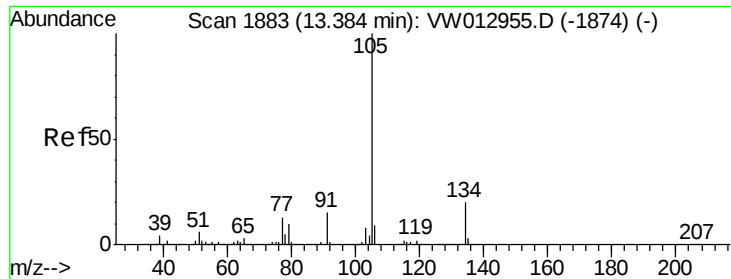
#84
 1,2,4-Trimethylbenzene
 Concen: 20.749 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion:105 Resp: 192634
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

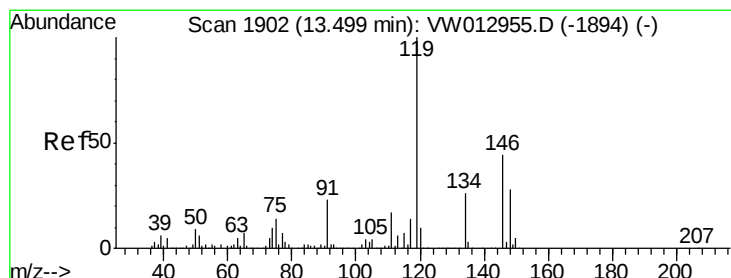
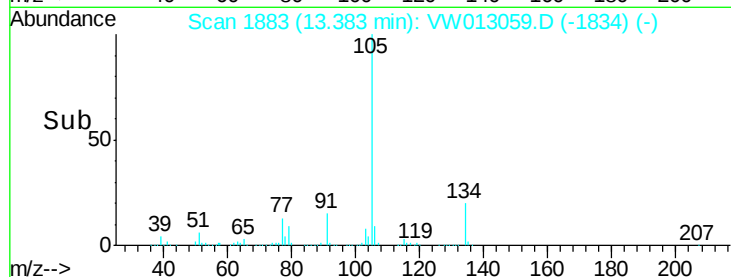
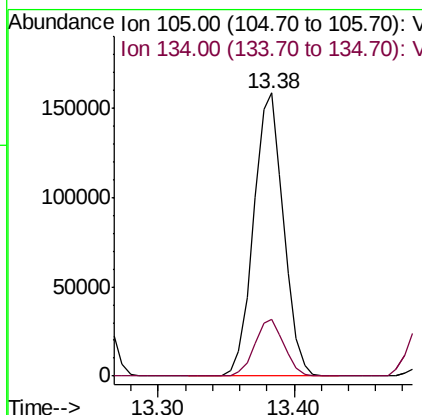
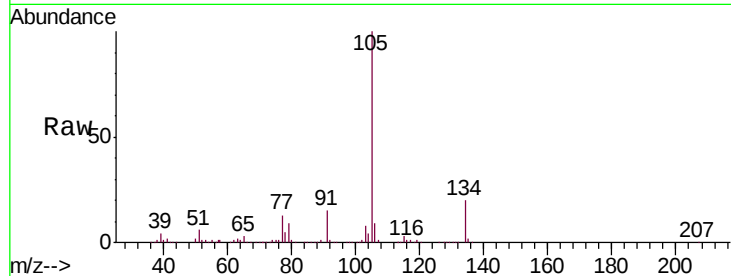




#85
 sec-Butylbenzene
 Concen: 21.330 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

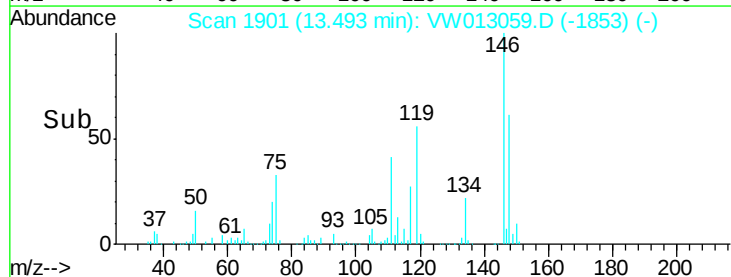
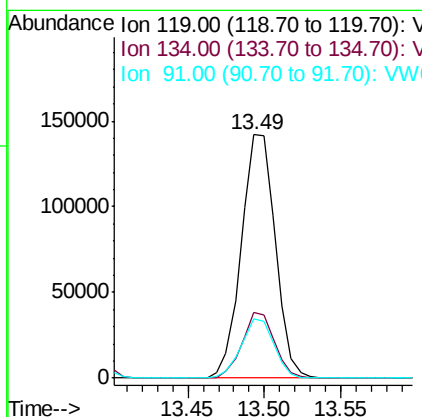
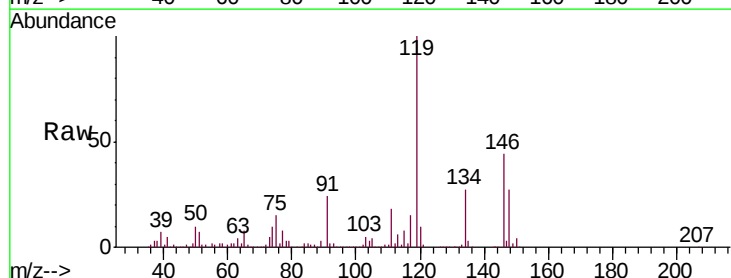
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

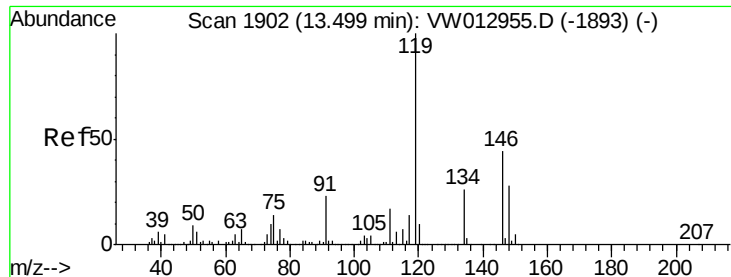
Tgt Ion:105 Resp: 244212
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.823 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion:119 Resp: 218884
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.421 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

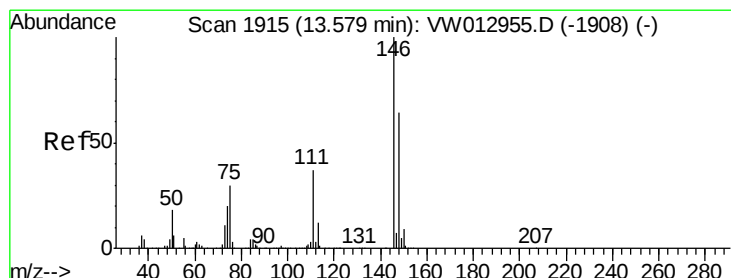
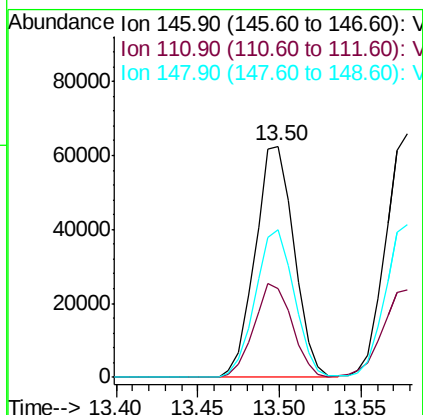
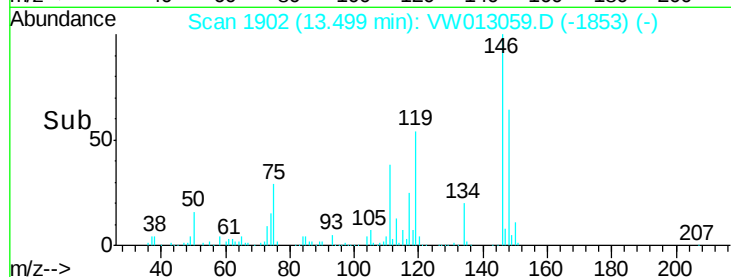
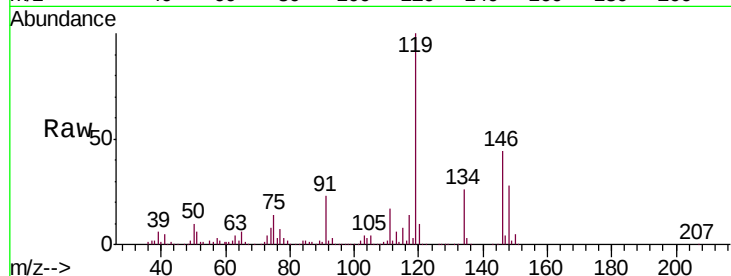
Tgt Ion:146 Resp: 103423

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.072 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

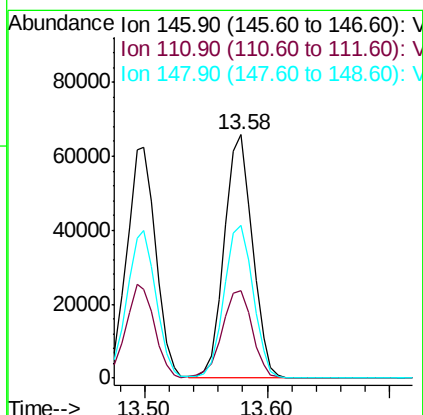
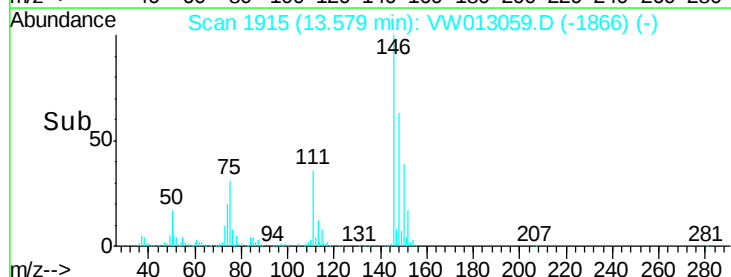
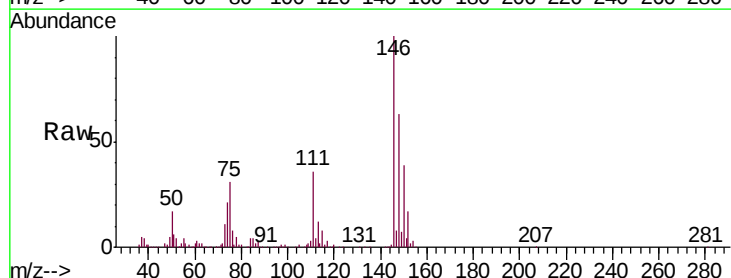
Tgt Ion:146 Resp: 104876

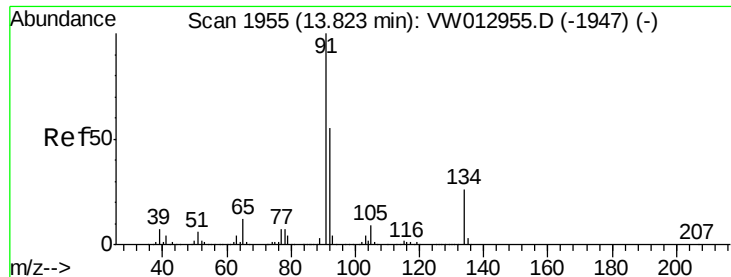
Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 64.8 31.9 95.5

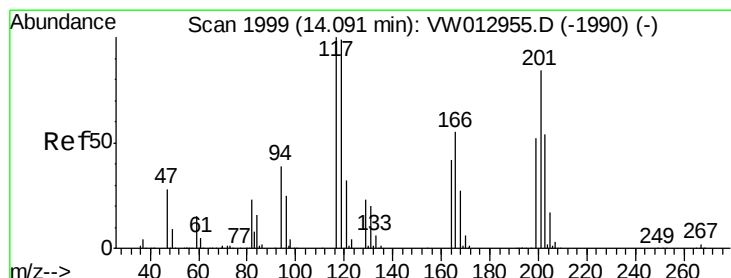
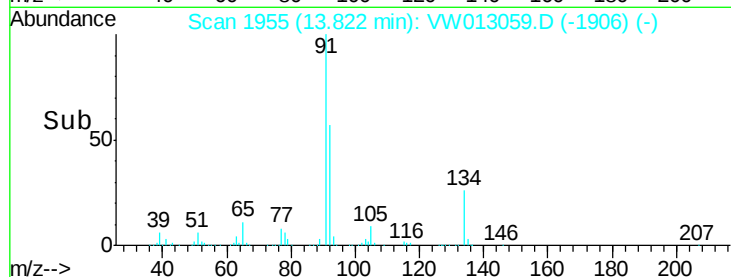
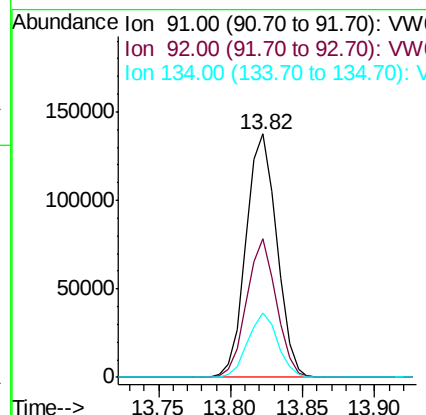
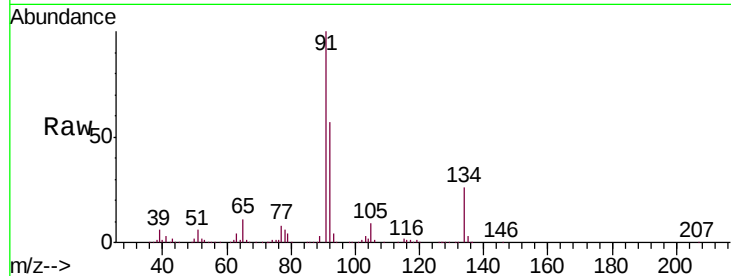




#89
n-Butylbenzene
Concen: 20.532 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

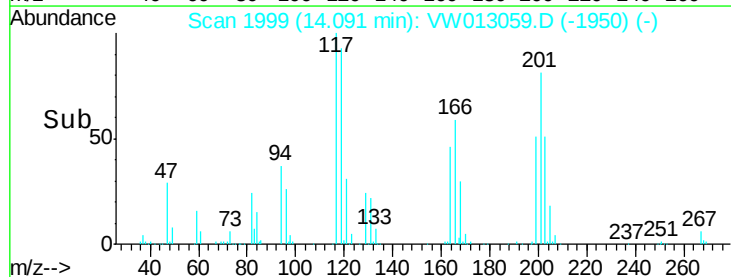
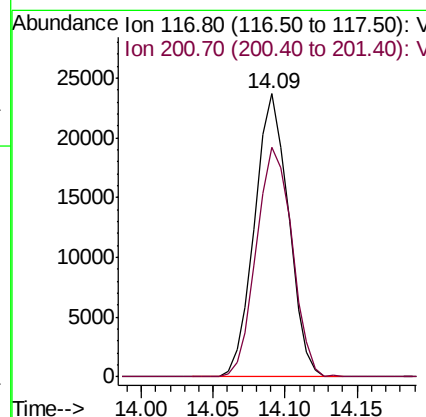
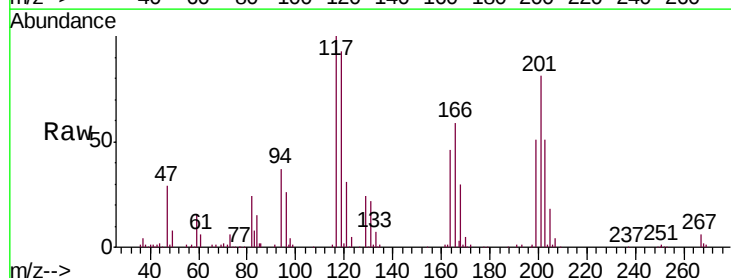
Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

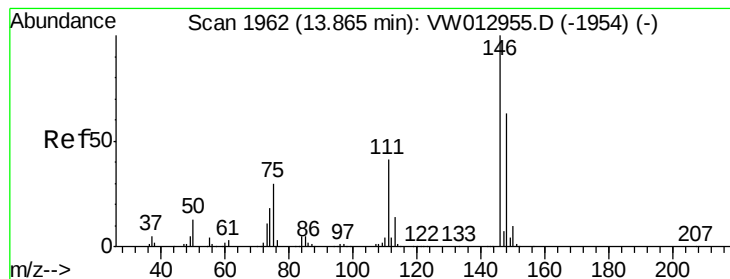
Tgt Ion: 91 Resp: 203547
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.5
134 25.8 13.1 39.1



#90
Hexachloroethane
Concen: 20.525 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion: 117 Resp: 38665
Ion Ratio Lower Upper
117 100
201 85.1 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 21.161 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW0916SBSD02

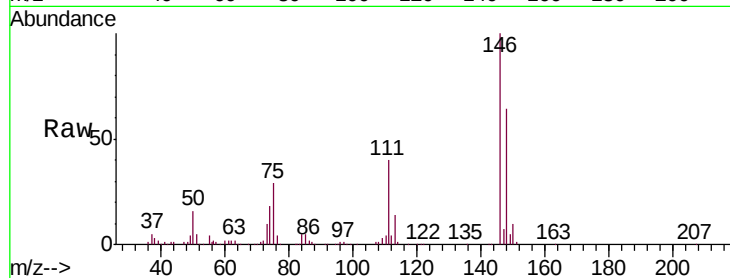
Tgt Ion:146 Resp: 94247

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.5

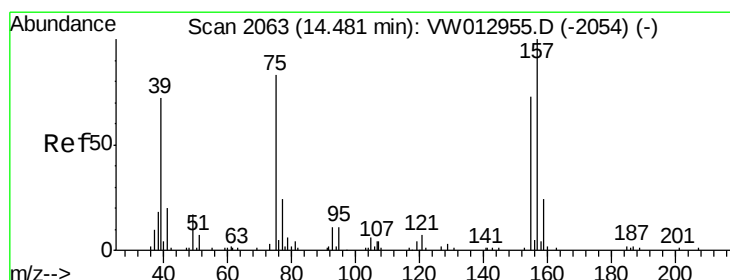
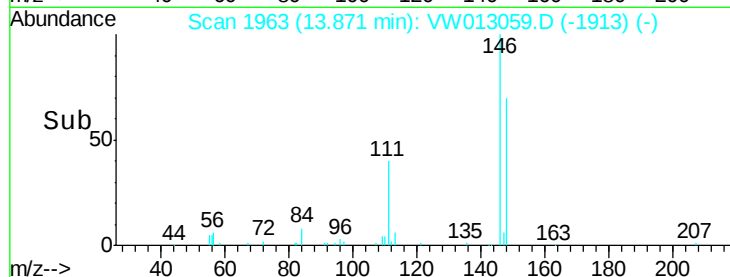
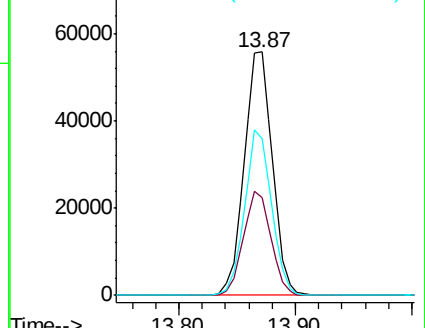
148 65.2 32.7 98.1



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: 24.401 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013059.D

Acq: 17 Sep 2019 00:36

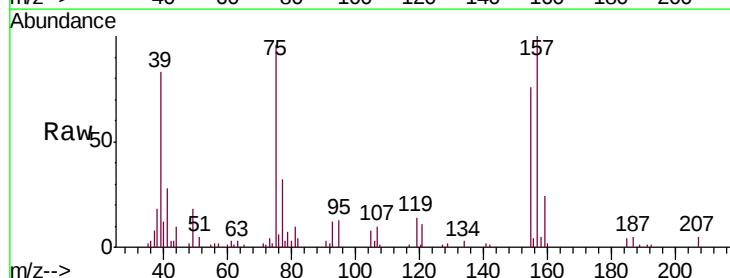
Tgt Ion: 75 Resp: 8712

Ion Ratio Lower Upper

75 100

155 85.3 43.3 129.9

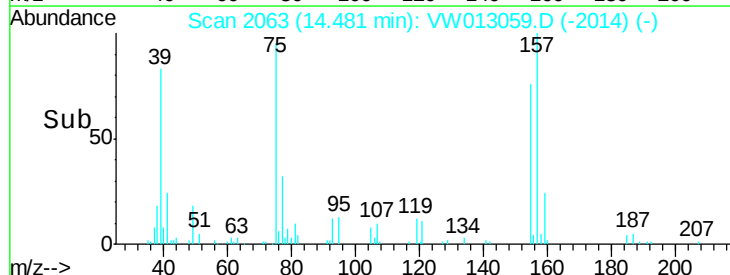
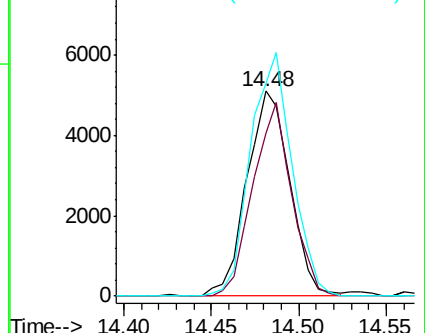
157 115.0 54.7 164.1

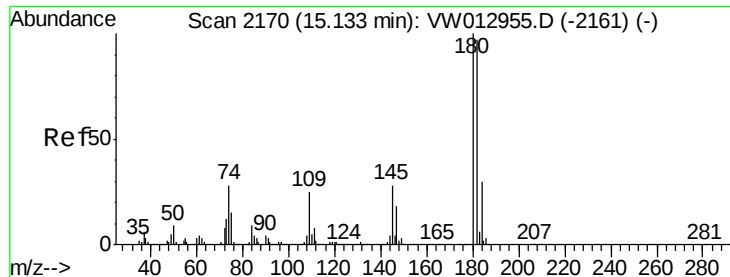


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

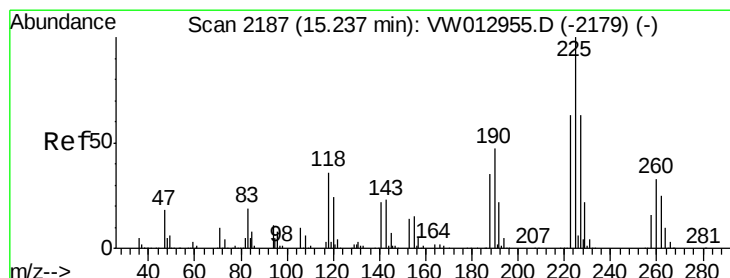
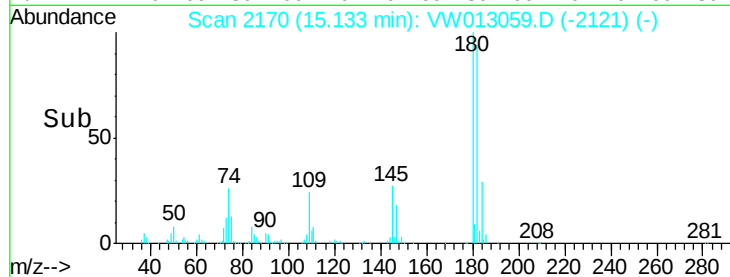
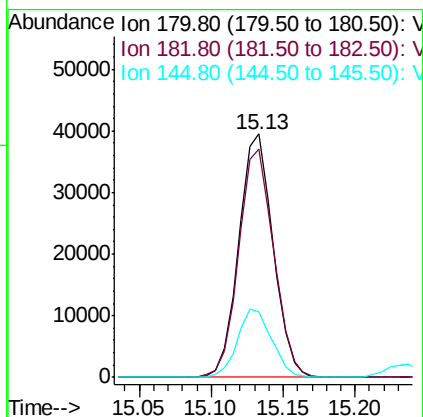
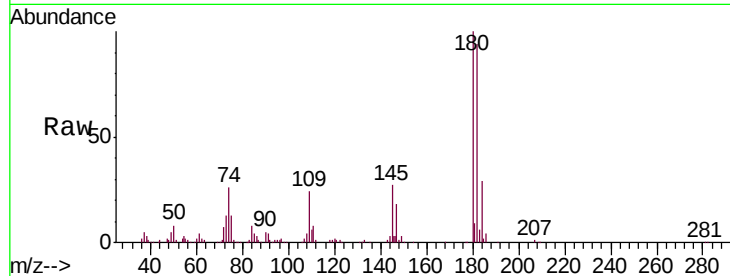




#93
 1,2,4-Trichlorobenzene
 Concen: 20.521 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

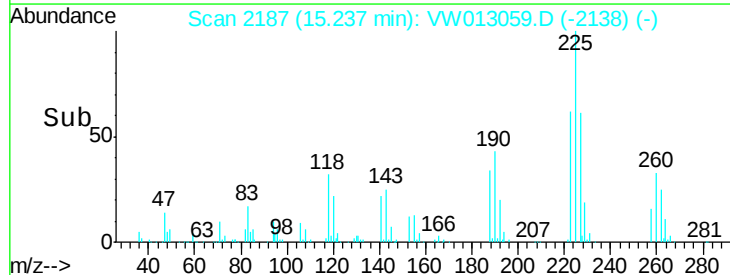
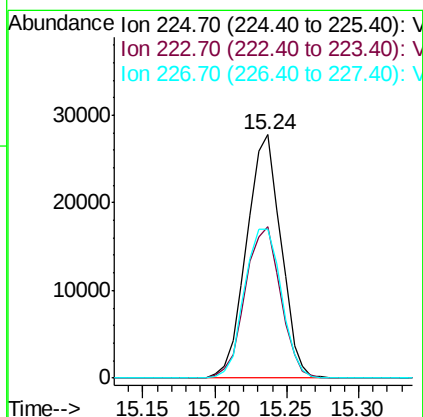
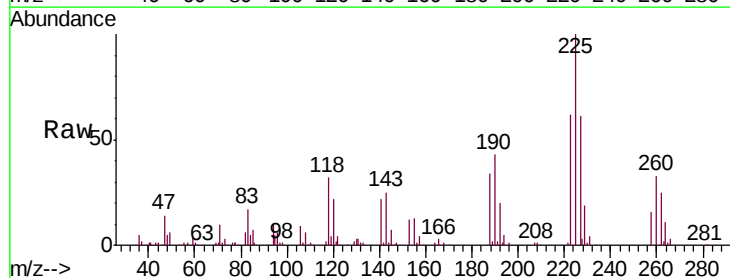
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBSD02

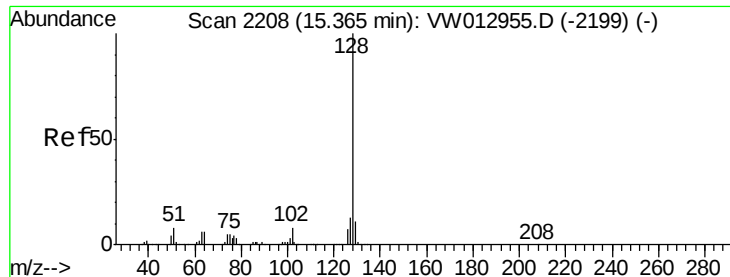
Tgt Ion:180 Resp: 65181
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.4 142.2
 145 28.2 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 20.413 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013059.D
 Acq: 17 Sep 2019 00:36

Tgt Ion:225 Resp: 45899
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.8 95.3
 227 65.9 31.3 93.8

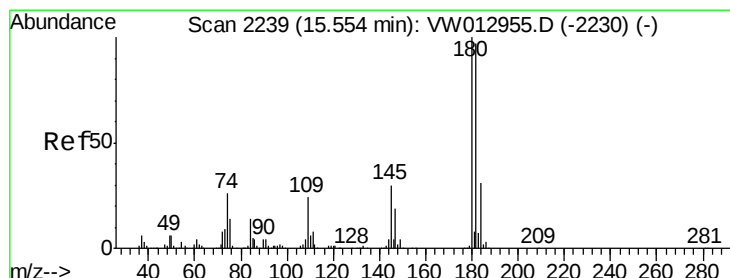
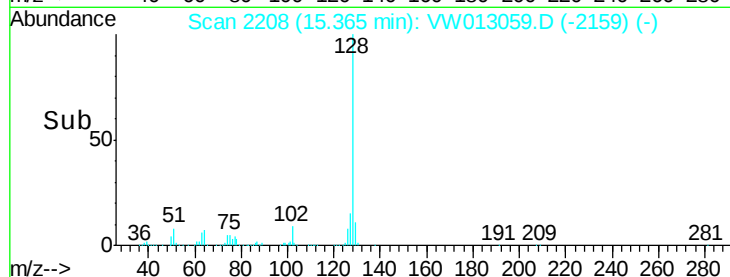
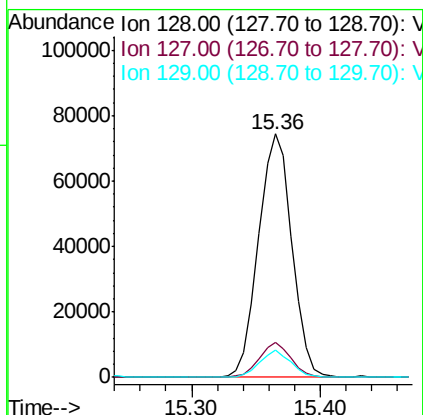
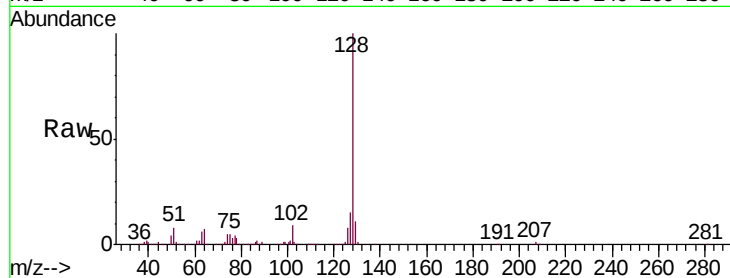




#95
Naphthalene
Concen: 25.118 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

Tgt Ion:128 Resp: 133306
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.215 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013059.D
Acq: 17 Sep 2019 00:36

Tgt Ion:180 Resp: 59567
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.8
145 30.7 15.4 46.2

