

Data File : VW013155.D
Acq On : 19 Sep 2019 12:42
Operator : SY/VA
Sample : VW0919SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Quant Time: Sep 20 07:43:19 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	341997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	493101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132155	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	
35) Dibromofluoromethane	7.88	113	132096	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.32	98	542680	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	185812	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	26762	17.537	ug/l	98
3) Chloromethane	2.21	50	35575	18.565	ug/l	99
4) Vinyl Chloride	2.36	62	49505	20.223	ug/l	95
5) Bromomethane	2.78	94	30175	20.185	ug/l	100
6) Chloroethane	2.92	64	30441	20.276	ug/l	97
7) Trichlorofluoromethane	3.25	101	31840	18.600	ug/l	97
8) Diethyl Ether	3.68	74	28311	21.181	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53810	20.726	ug/l	100
10) Methyl Iodide	4.27	142	76310	23.486	ug/l	93
11) Tert butyl alcohol	5.19	59	19188	74.999	ug/l	97
12) 1,1-Dichloroethene	4.04	96	51803	21.944	ug/l	90
13) Acrolein	3.89	56	18965	76.586	ug/l	96
14) Allyl chloride	4.67	41	87215	19.461	ug/l	92
15) Acrylonitrile	5.37	53	62065	90.914	ug/l	99
16) Acetone	4.13	43	54725	65.413	ug/l	92
17) Carbon Disulfide	4.39	76	97984	20.828	ug/l	97
18) Methyl Acetate	4.67	43	33437	18.581	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	89516	19.210	ug/l	98
20) Methylene Chloride	4.92	84	70000	24.820	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	54974	21.743	ug/l	90
22) Diisopropyl ether	6.31	45	187914	20.184	ug/l	94
23) Vinyl Acetate	6.25	43	500527	89.761	ug/l #	95
24) 1,1-Dichloroethane	6.21	63	108548	20.222	ug/l	98
25) 2-Butanone	7.17	43	81138	80.786	ug/l	97
26) 2,2-Dichloropropane	7.17	77	70578	17.937	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	65605	21.673	ug/l	91
28) Bromochloromethane	7.51	49	41335	18.295	ug/l	89
29) Tetrahydrofuran	7.53	42	49442	86.397	ug/l	97
30) Chloroform	7.68	83	107789	19.762	ug/l	97
31) Cyclohexane	7.95	56	92962	20.568	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	84659	18.848	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83154	21.103	ug/l	97
37) Ethyl Acetate	7.25	43	33094	15.823	ug/l	95
38) Carbon Tetrachloride	8.07	117	75888	18.794	ug/l	95

Data File : VW013155.D
Acq On : 19 Sep 2019 12:42
Operator : SY/VA
Sample : VW0919SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBS01

Quant Time: Sep 20 07:43:19 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)
39) Methylcyclohexane	9.34	83	93510	21.657	ug/l	97
40) Benzene	8.32	78	236299	21.482	ug/l	97
41) Methacrylonitrile	7.48	41	23638	17.162	ug/l	96
42) 1,2-Dichloroethane	8.40	62	66194	17.951	ug/l	95
43) Isopropyl Acetate	8.42	43	67948	16.921	ug/l	93
44) Trichloroethene	9.09	130	65547	21.755	ug/l	89
45) 1,2-Dichloropropane	9.37	63	62132	21.260	ug/l	99
46) Dibromomethane	9.46	93	28877	20.624	ug/l	98
47) Bromodichloromethane	9.65	83	75931	19.333	ug/l	96
48) Methyl methacrylate	9.43	41	31215	16.563	ug/l	92
49) 1,4-Dioxane	9.46	88	7919	337.527	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	176150	84.965	ug/l	94
52) Toluene	10.38	92	152245	21.781	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75128	19.020	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	93306	20.645	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	45221	21.200	ug/l	96
56) Ethyl methacrylate	10.65	69	55196	19.225	ug/l	90
57) 1,3-Dichloropropane	10.93	76	76821	20.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144109	93.568	ug/l	97
59) 2-Hexanone	10.97	43	119973	83.107	ug/l	93
60) Dibromochloromethane	11.13	129	51335	19.906	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40589	20.860	ug/l	99
64) Tetrachloroethene	10.86	164	54449	21.454	ug/l	99
65) Chlorobenzene	11.66	112	165241	21.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60149	20.655	ug/l	97
67) Ethyl Benzene	11.73	91	301199	21.461	ug/l	99
68) m/p-Xylenes	11.84	106	226546	44.186	ug/l	95
69) o-Xylene	12.16	106	105645	21.979	ug/l	96
70) Styrene	12.18	104	185387	21.681	ug/l	96
71) Bromoform	12.35	173	29032	18.980	ug/l #	99
73) Isopropylbenzene	12.46	105	301350	20.710	ug/l	99
74) N-amyl acetate	12.27	43	63027	16.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	48833	19.108	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	62753	32.635	ug/l #	100
77) Bromobenzene	12.74	156	70616	21.066	ug/l	93
78) n-propylbenzene	12.80	91	347198	20.285	ug/l	98
79) 2-Chlorotoluene	12.89	91	198144	20.138	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	250266	20.331	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	15200	17.932	ug/l	93
82) 4-Chlorotoluene	12.99	91	211277	20.351	ug/l	97
83) tert-Butylbenzene	13.21	119	226491	20.570	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	253333	20.826	ug/l	97
85) sec-Butylbenzene	13.38	105	314778	20.983	ug/l	99
86) p-Isopropyltoluene	13.50	119	287370	20.865	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	139842	21.074	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138459	21.233	ug/l	100
89) n-Butylbenzene	13.82	91	260372	20.045	ug/l	98
90) Hexachloroethane	14.09	117	48919	19.820	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	124463	21.328	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7423	15.868	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091919\
Quantitation Report (Not Reviewed)

Data File : VW013155.D
Acq On : 19 Sep 2019 12:42
Operator : SY/VA
Sample : VW0919SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Quant Time: Sep 20 07:43:19 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

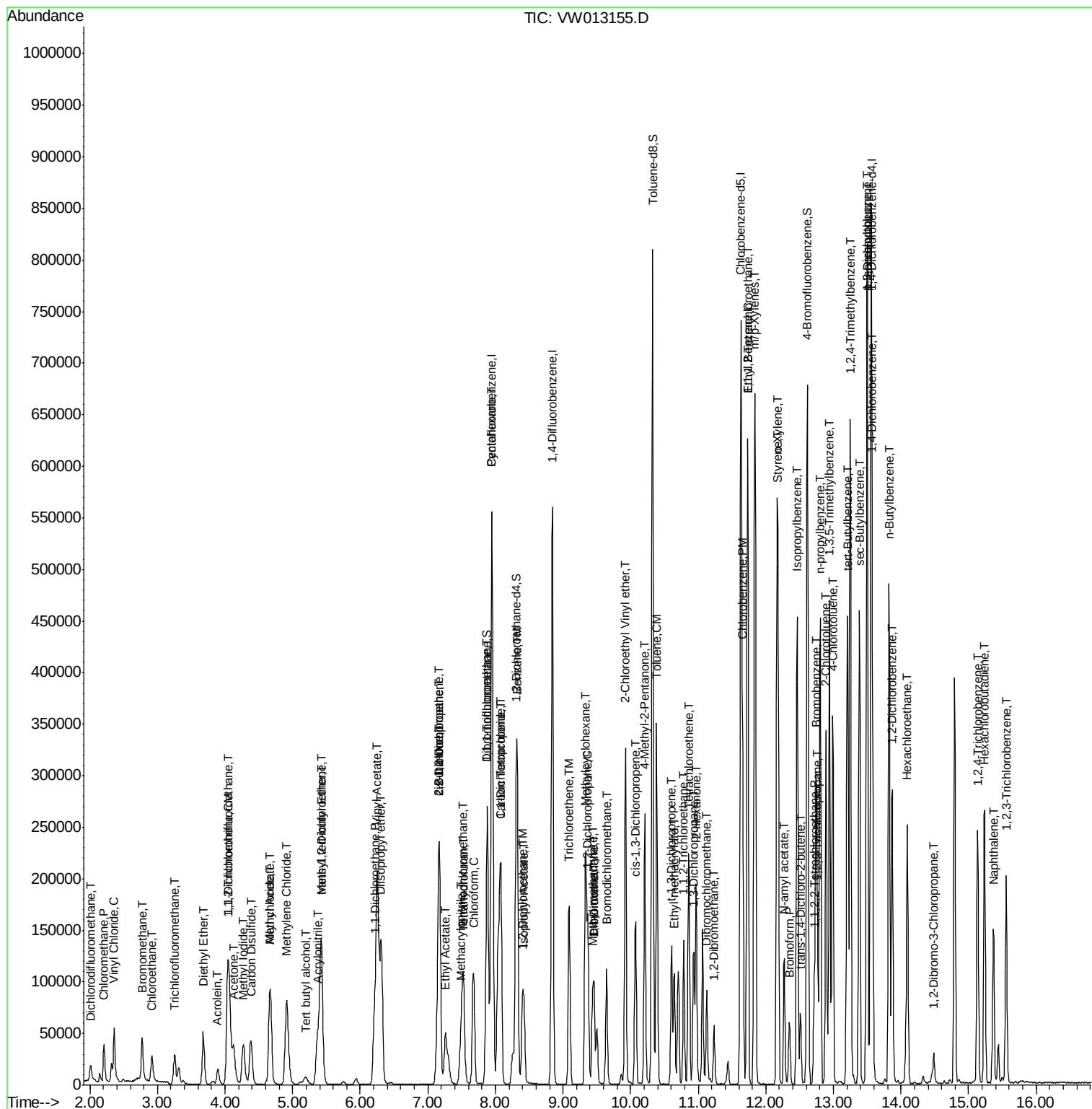
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	86460	20.775	ug/l	99
94) Hexachlorobutadiene	15.24	225	59780	20.291	ug/l	99
95) Naphthalene	15.36	128	130798	18.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	73779	20.055	ug/l	99

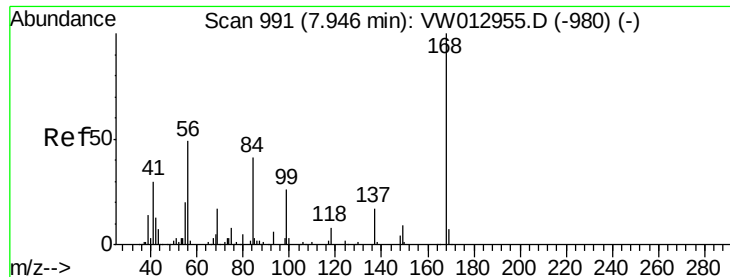
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW013155.D
Acq On : 19 Sep 2019 12:42
Operator : SY/VA
Sample : VW0919SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VW0919SBSD01

Quant Time: Sep 20 07:43:19 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

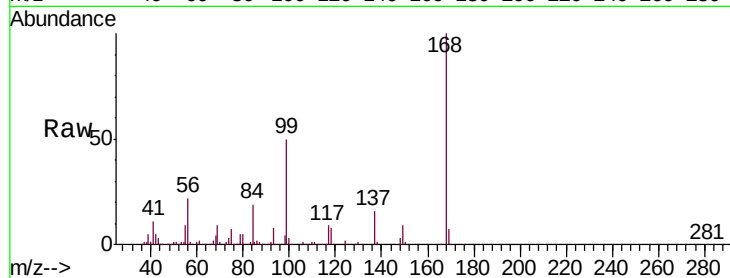
VW0919SBSD01

Tgt Ion:168 Resp: 341997

Ion Ratio Lower Upper

168 100

99 49.7 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

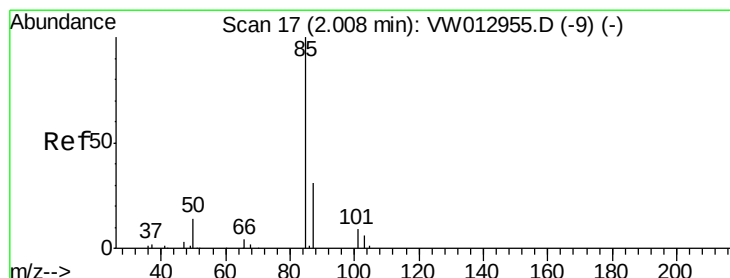
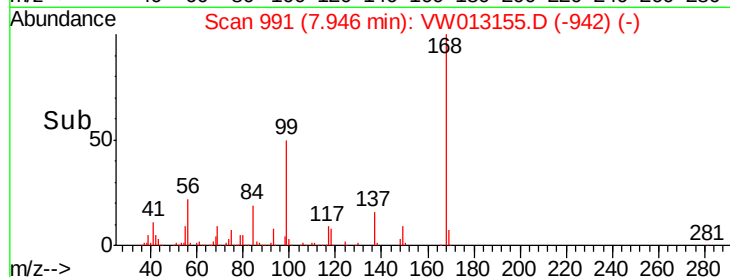
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.537 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013155.D

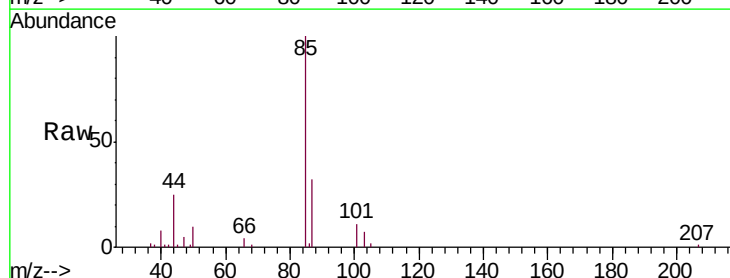
Acq: 19 Sep 2019 12:42

Tgt Ion: 85 Resp: 26762

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

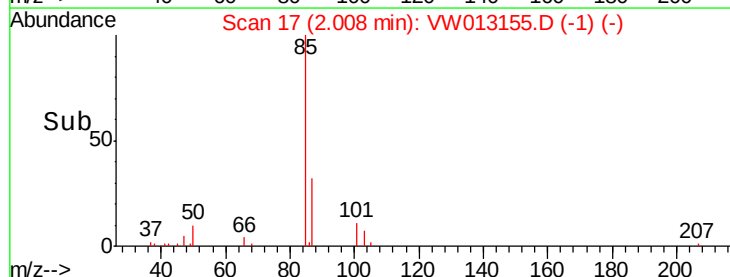
6000

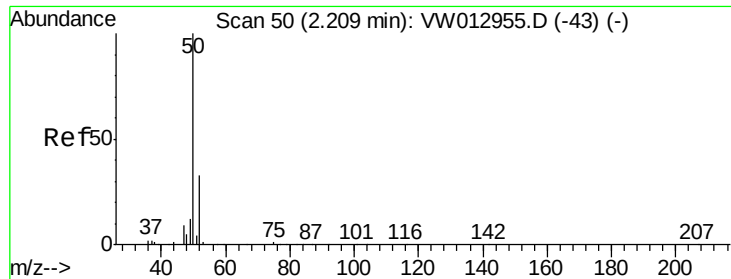
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 18.565 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

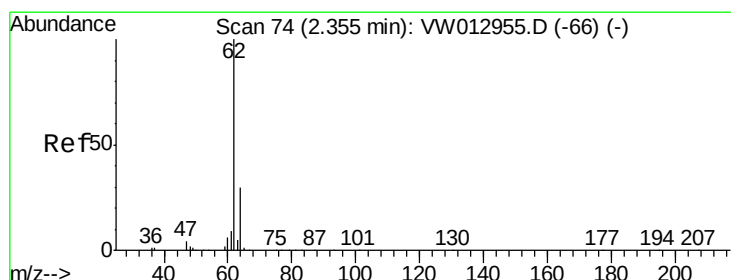
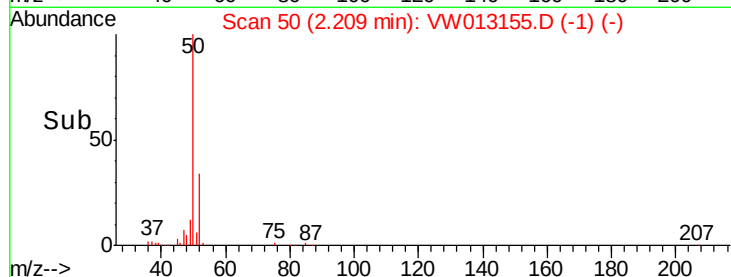
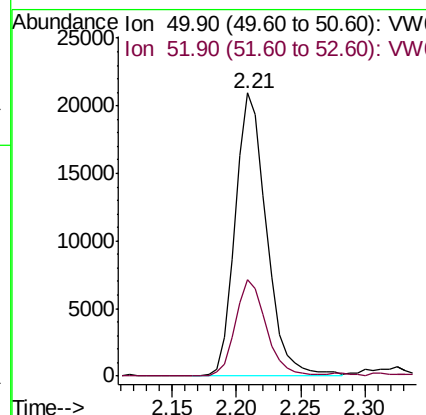
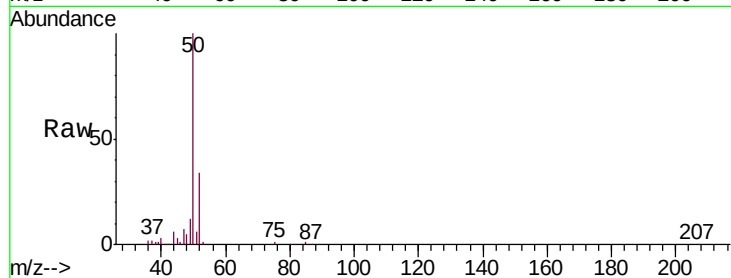
VW0919SBSD01

Tgt Ion: 50 Resp: 35575

Ion Ratio Lower Upper

50 100

52 34.0 26.6 39.8



#4

Vinyl Chloride

Concen: 20.223 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013155.D

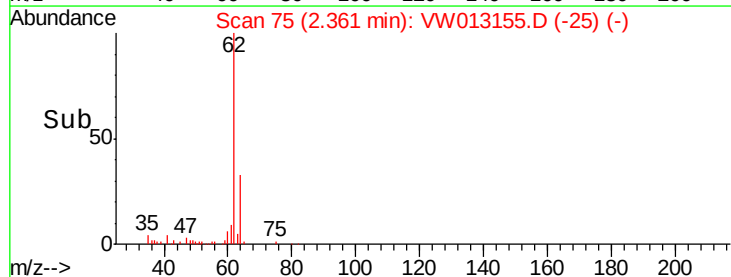
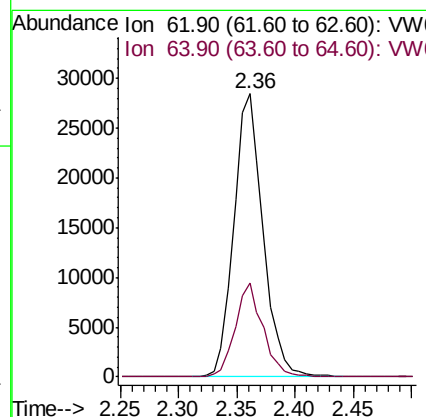
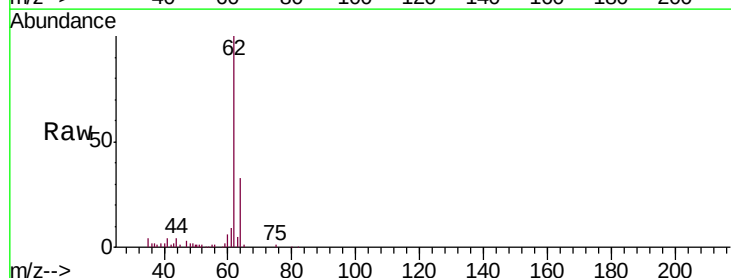
Acq: 19 Sep 2019 12:42

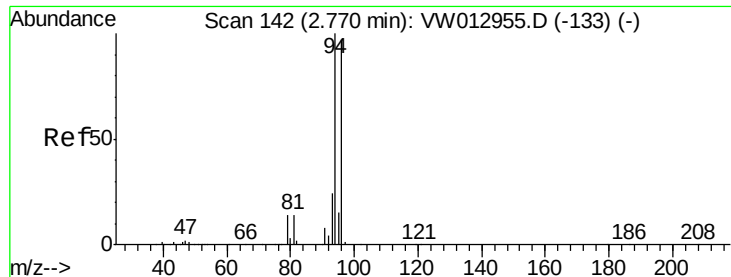
Tgt Ion: 62 Resp: 49505

Ion Ratio Lower Upper

62 100

64 33.0 24.2 36.4





#5

Bromomethane

Concen: 20.185 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

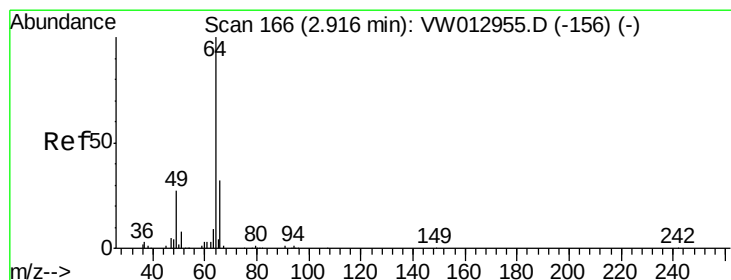
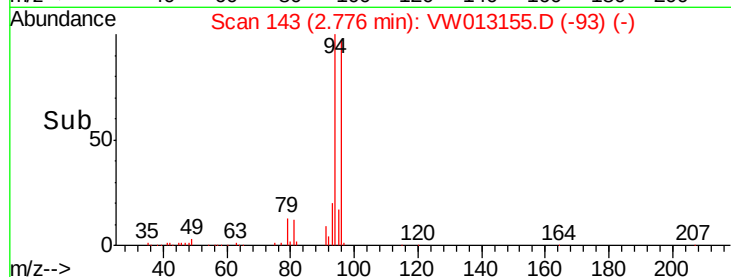
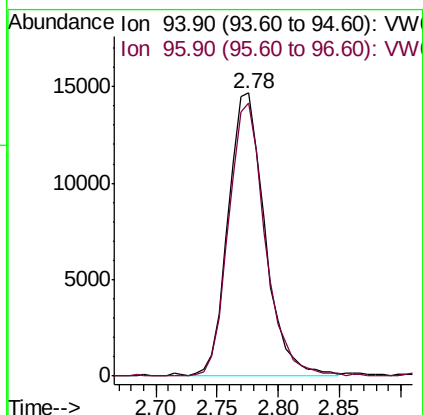
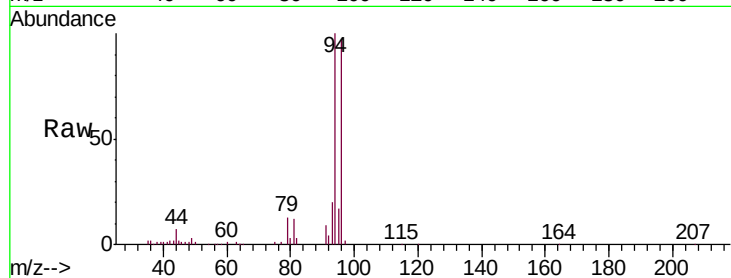
VW0919SBSD01

Tgt Ion: 94 Resp: 30175

Ion Ratio Lower Upper

94 100

96 97.0 77.8 116.6



#6

Chloroethane

Concen: 20.276 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013155.D

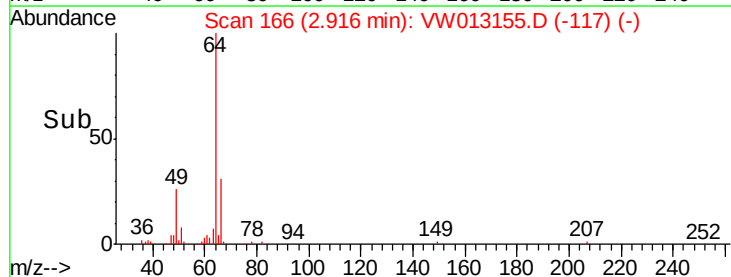
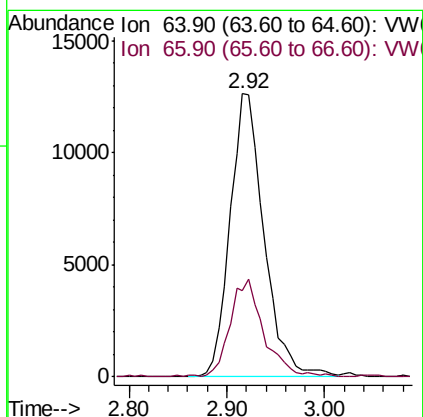
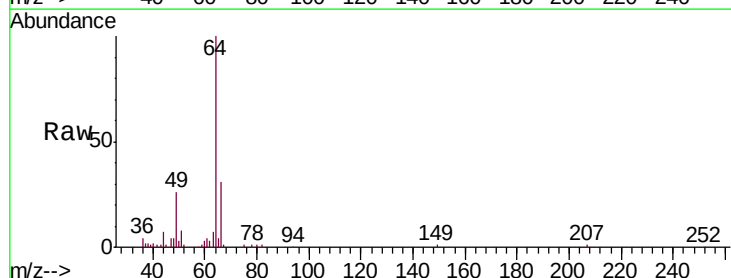
Acq: 19 Sep 2019 12:42

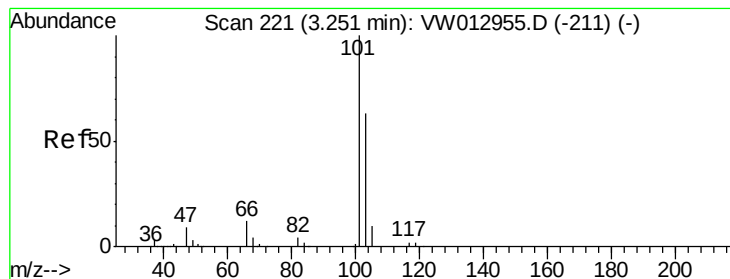
Tgt Ion: 64 Resp: 30441

Ion Ratio Lower Upper

64 100

66 30.6 25.9 38.9



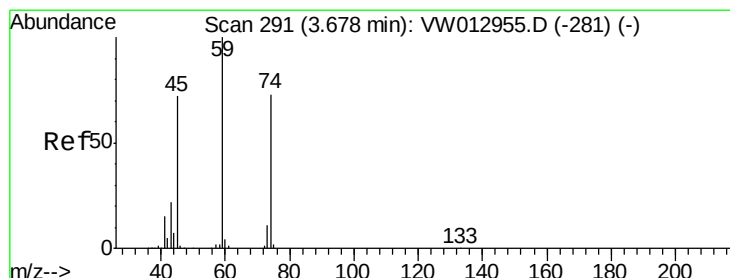
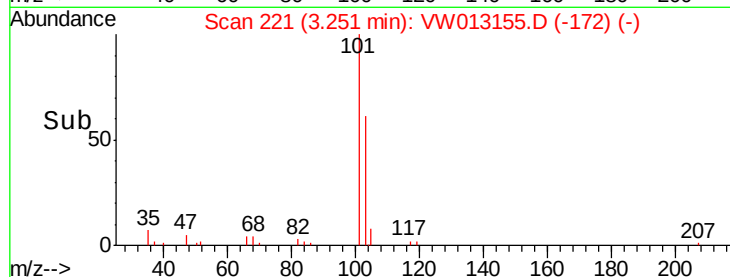
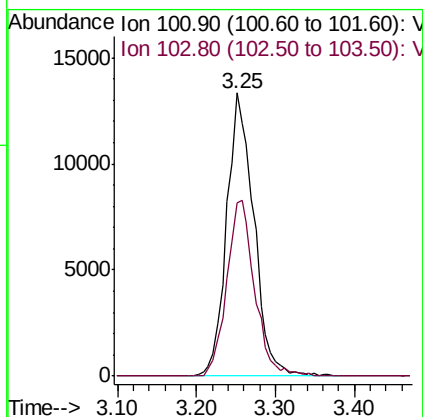
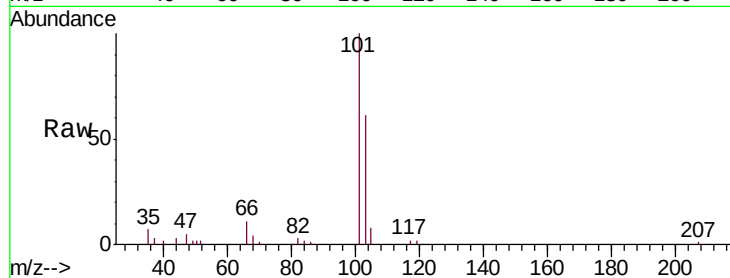


#7

Trichlorofluoromethane
 Concen: 18.600 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

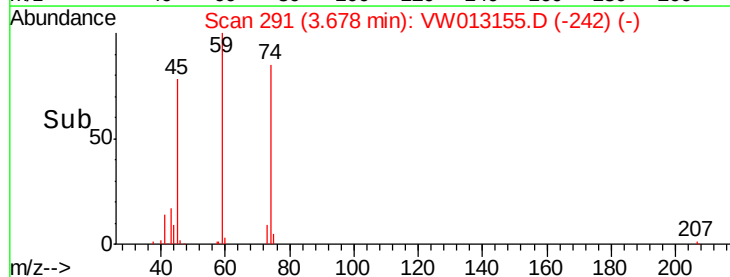
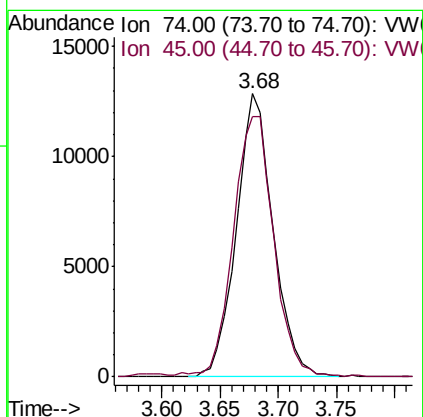
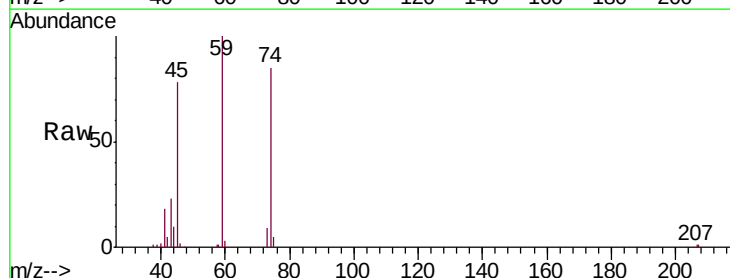
Tgt Ion: 101 Resp: 31840
 Ion Ratio Lower Upper
 101 100
 103 61.2 50.7 76.1

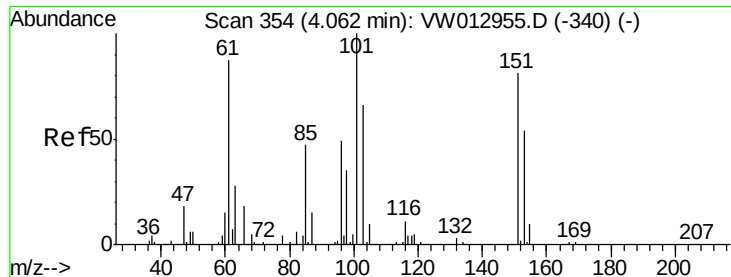


#8

Diethyl Ether
 Concen: 21.181 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 74 Resp: 28311
 Ion Ratio Lower Upper
 74 100
 45 101.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.726 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

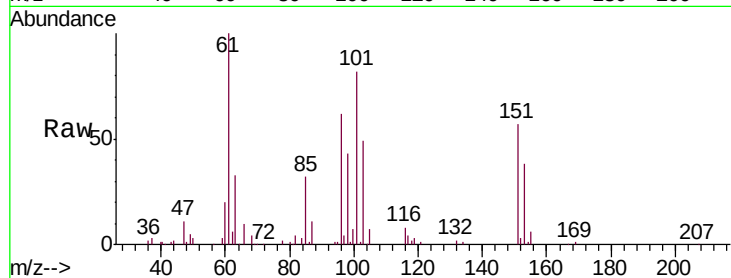
Tgt Ion:101 Resp: 53810

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

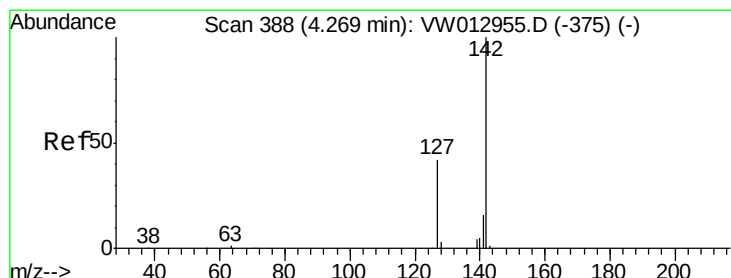
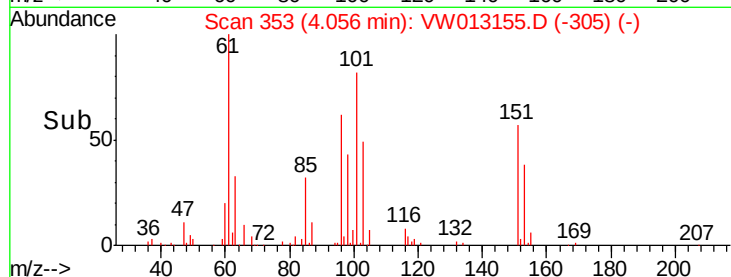
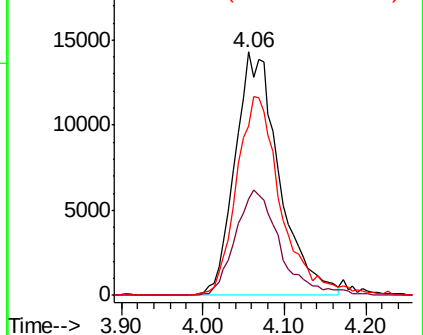
151 82.7 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.486 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

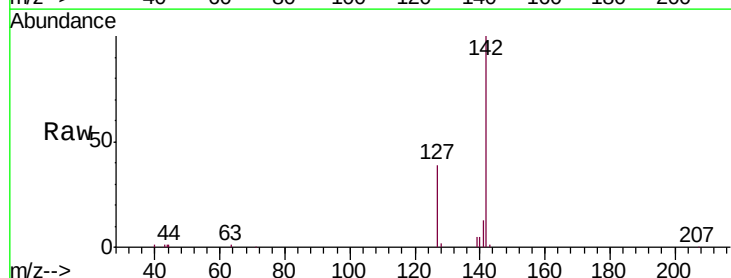
Tgt Ion:142 Resp: 76310

Ion Ratio Lower Upper

142 100

127 38.5 34.7 52.1

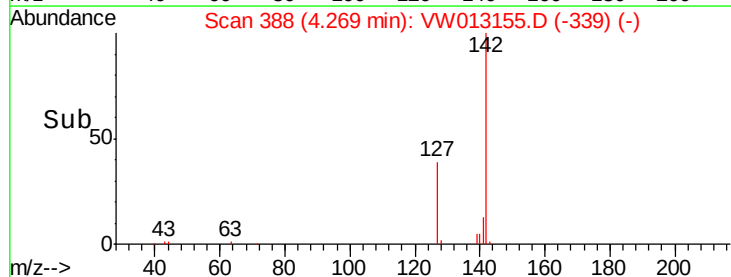
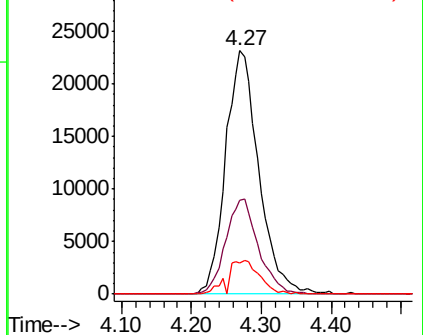
141 13.3 12.2 18.2

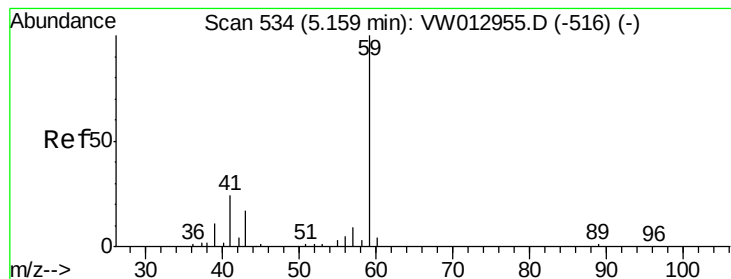


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



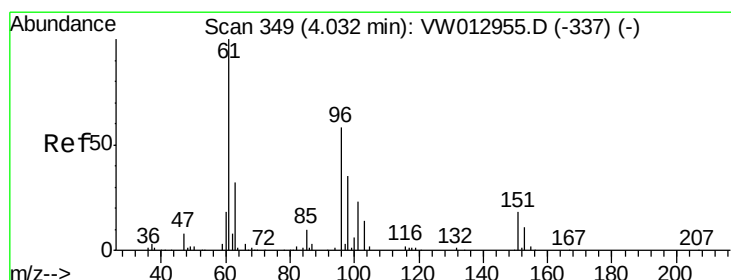
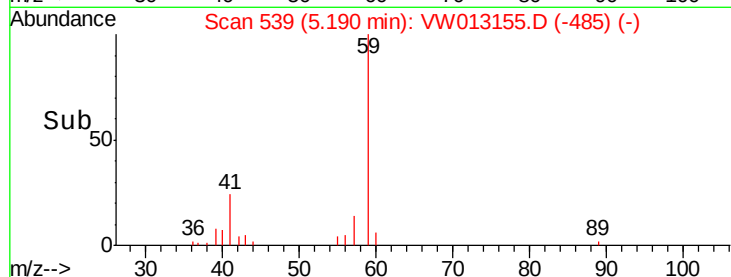
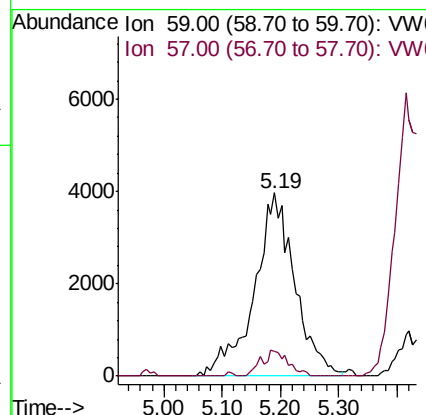
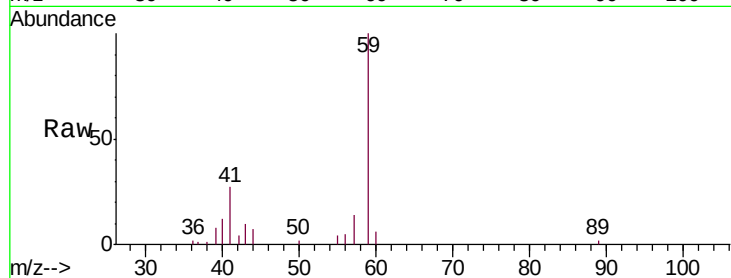


#11

Tert butyl alcohol
 Concen: 74.999 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

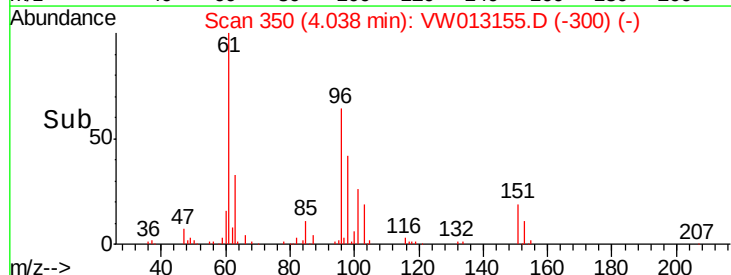
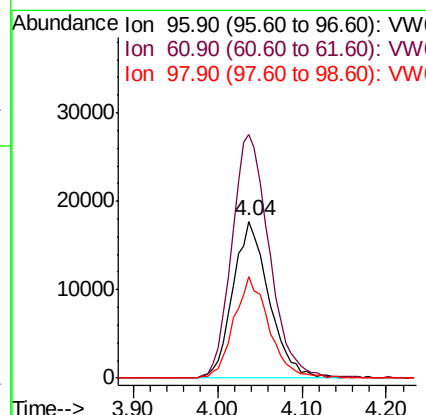
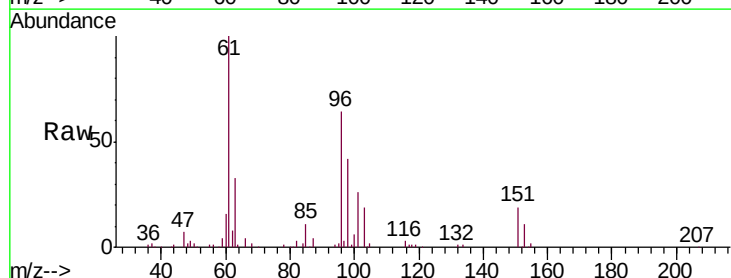
Tgt Ion: 59 Resp: 19188
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.5 12.7

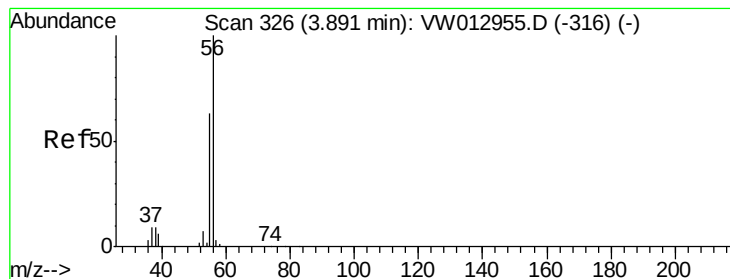


#12

1,1-Dichloroethene
 Concen: 21.944 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 96 Resp: 51803
 Ion Ratio Lower Upper
 96 100
 61 155.5 137.9 206.9
 98 64.7 48.9 73.3





#13

Acrolein

Concen: 76.586 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

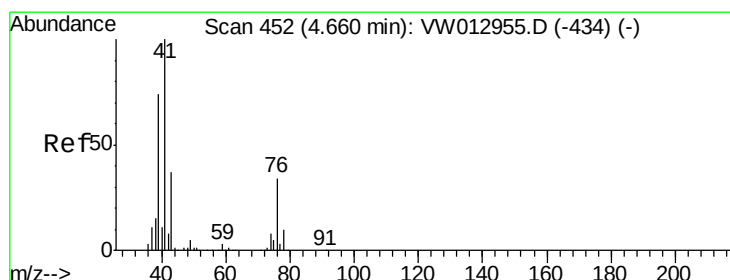
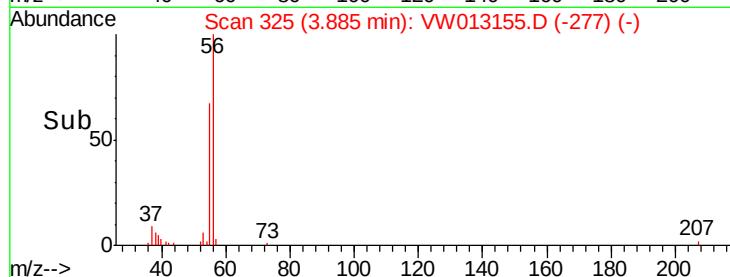
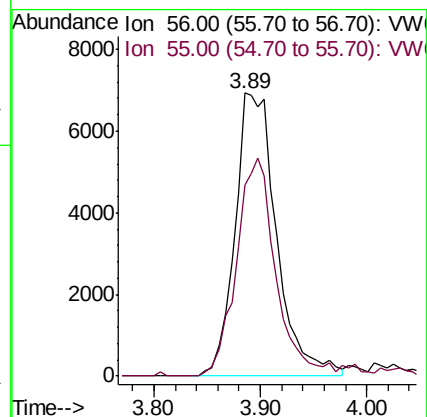
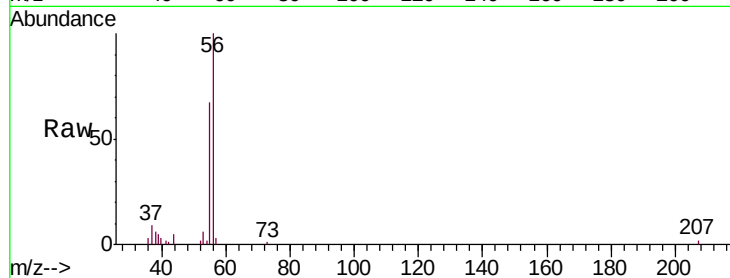
VW0919SBSD01

Tgt Ion: 56 Resp: 18965

Ion Ratio Lower Upper

56 100

55 73.0 55.8 83.8



#14

Allyl chloride

Concen: 19.461 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

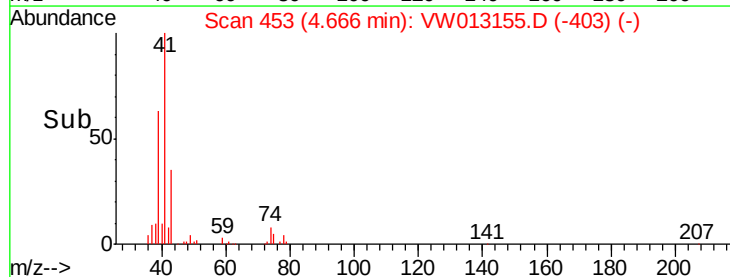
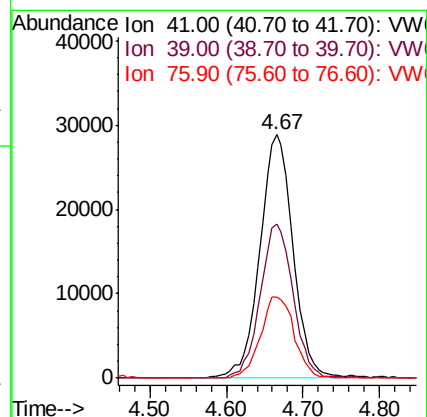
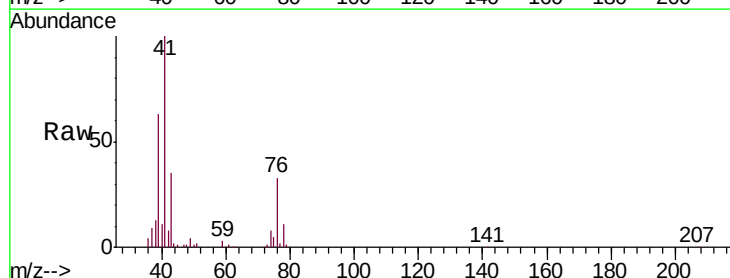
Tgt Ion: 41 Resp: 87215

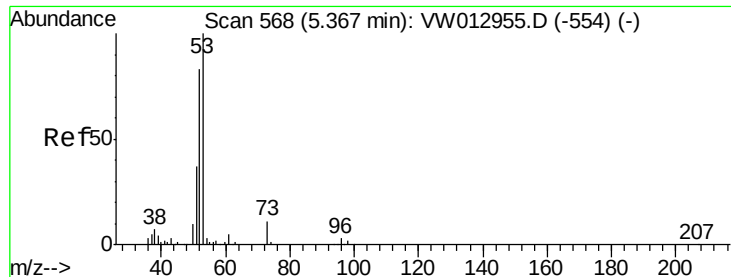
Ion Ratio Lower Upper

41 100

39 62.8 56.7 85.1

76 34.0 25.1 37.7





#15

Acrylonitrile

Concen: 90.914 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

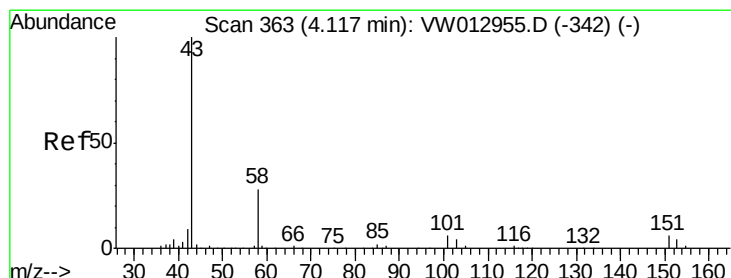
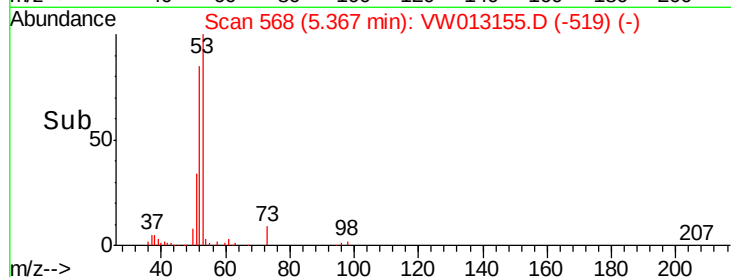
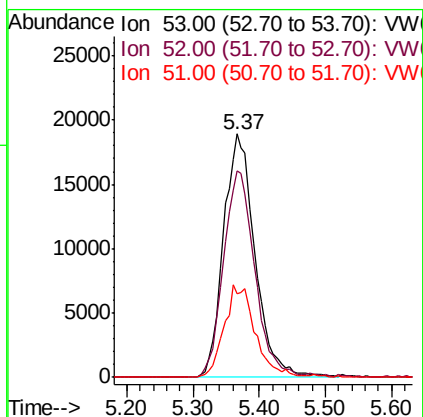
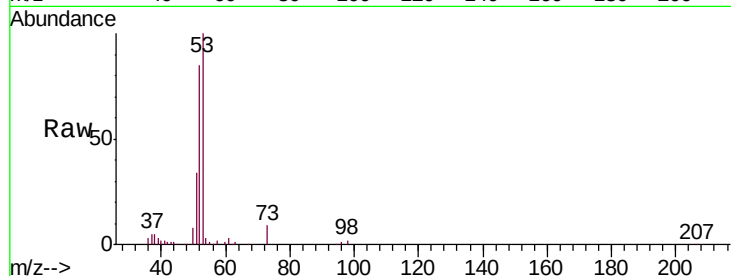
Tgt Ion: 53 Resp: 62065

Ion Ratio Lower Upper

53 100

52 84.3 66.6 100.0

51 37.6 29.8 44.8



#16

Acetone

Concen: 65.413 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013155.D

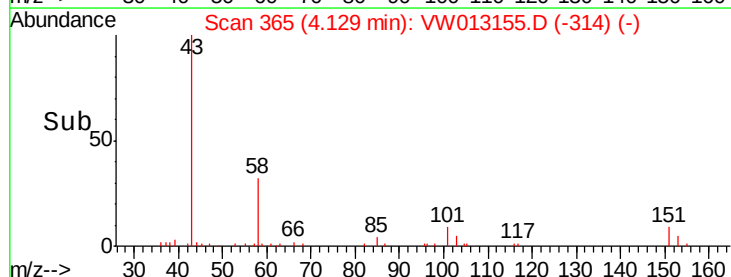
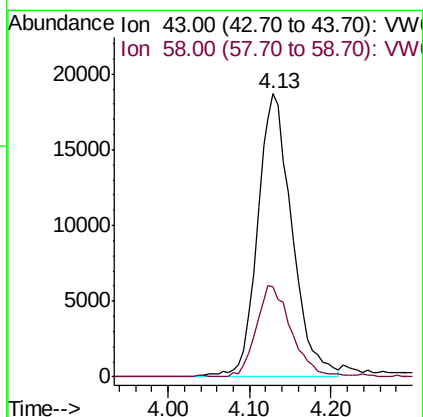
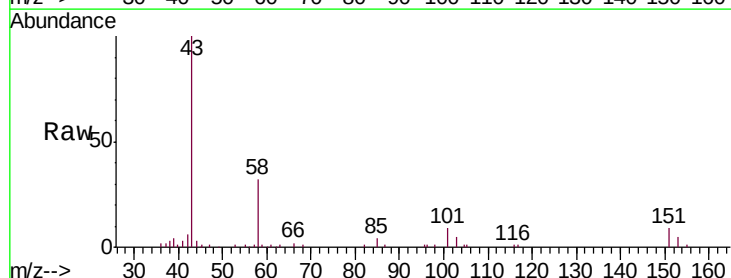
Acq: 19 Sep 2019 12:42

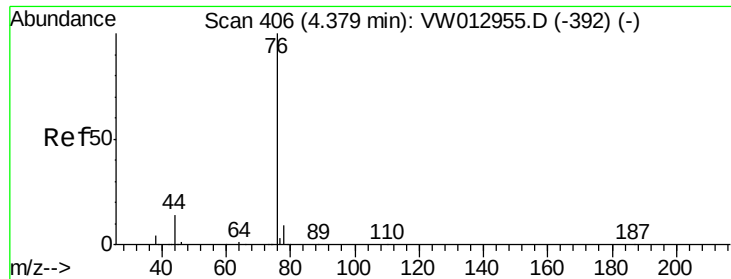
Tgt Ion: 43 Resp: 54725

Ion Ratio Lower Upper

43 100

58 32.0 22.3 33.5

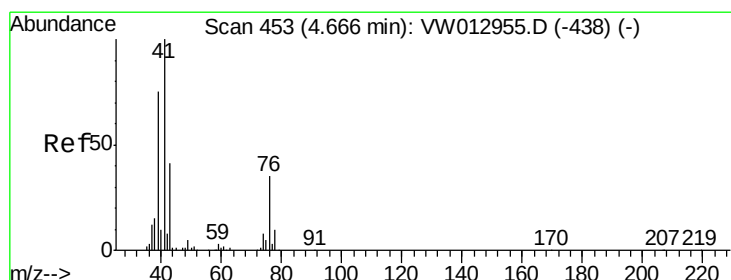
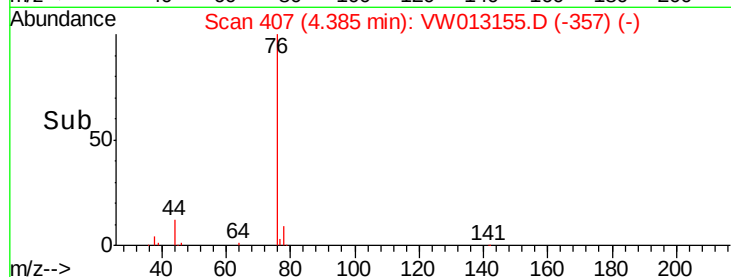
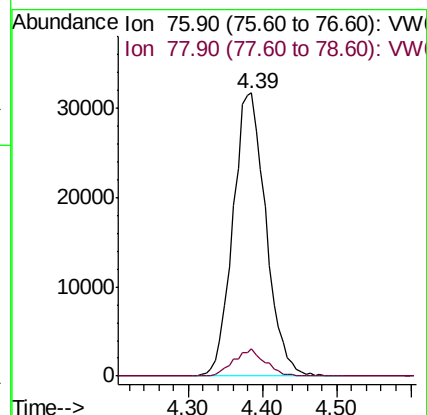
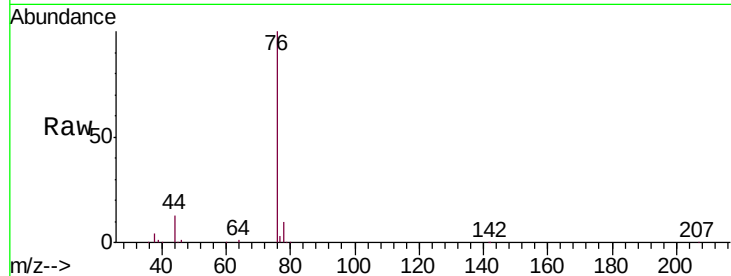




#17
Carbon Disulfide
Concen: 20.828 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

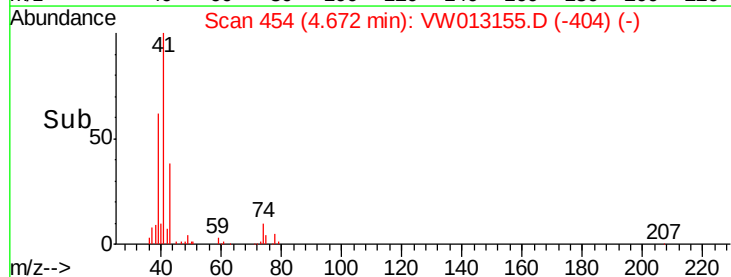
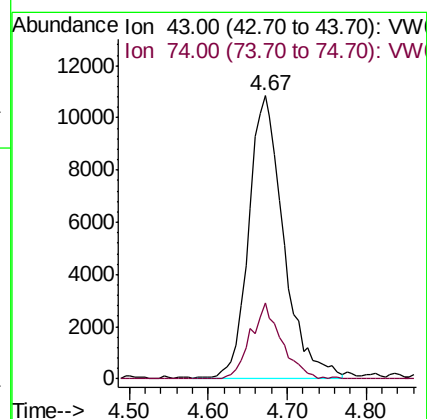
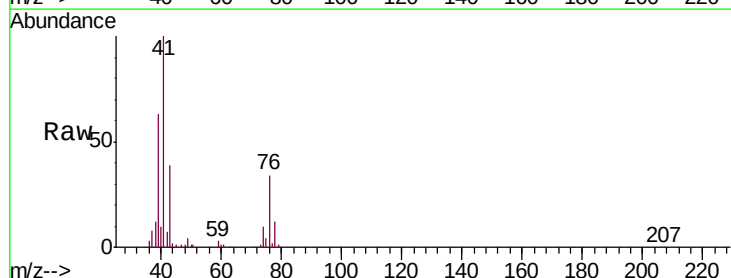
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

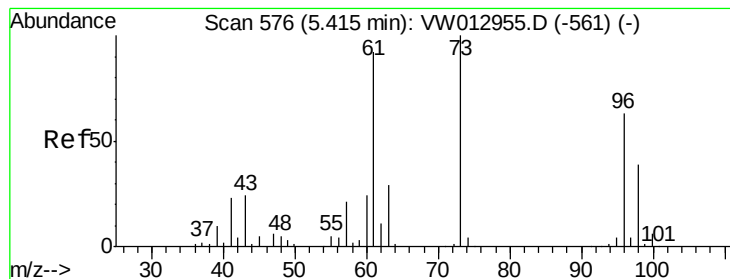
Tgt Ion: 76 Resp: 97984
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 18.581 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 43 Resp: 33437
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



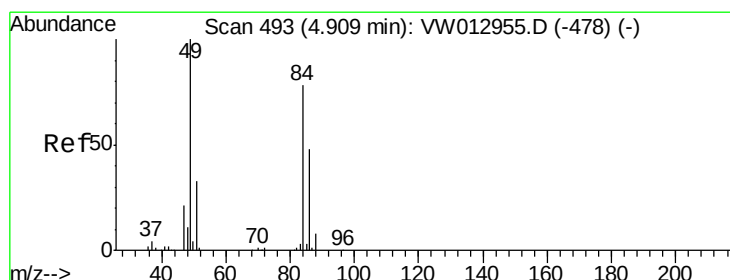
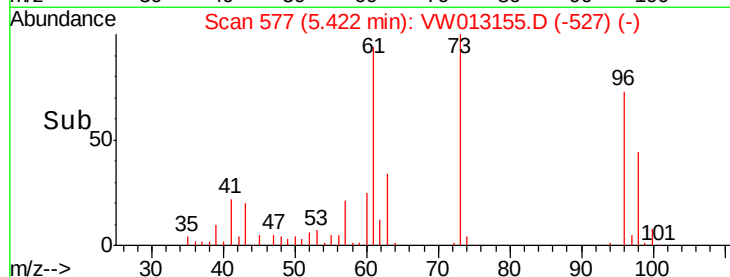
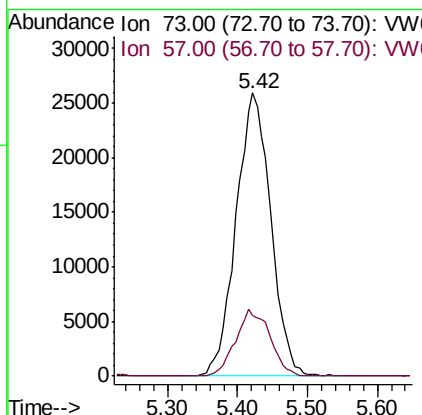
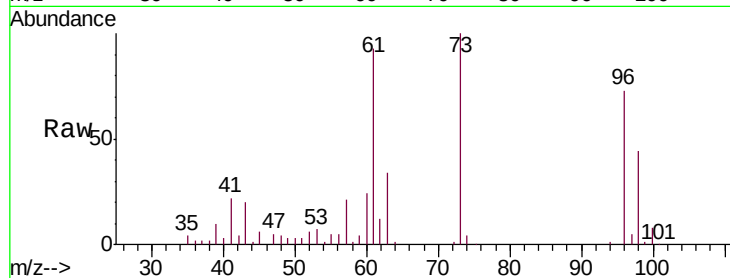


#19

Methyl tert-butyl Ether
 Concen: 19.210 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

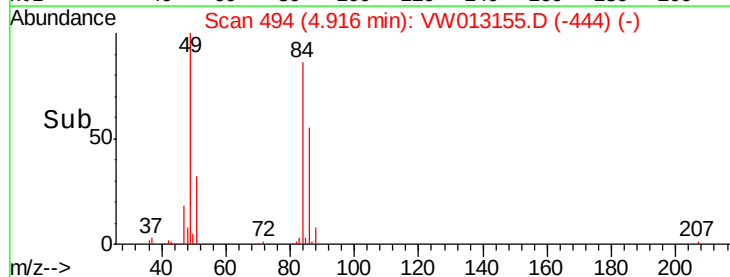
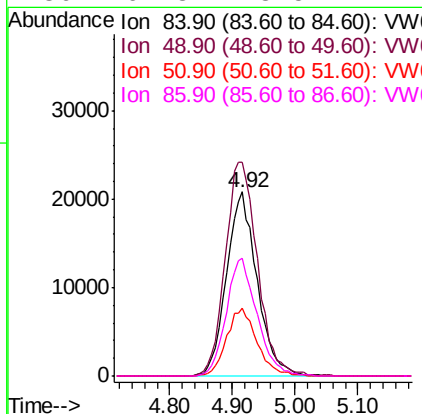
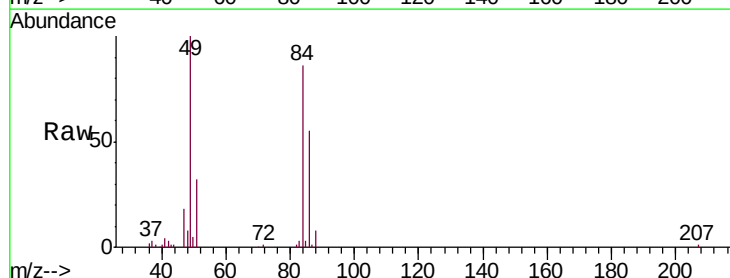
Tgt Ion: 73 Resp: 89516
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.4 24.6

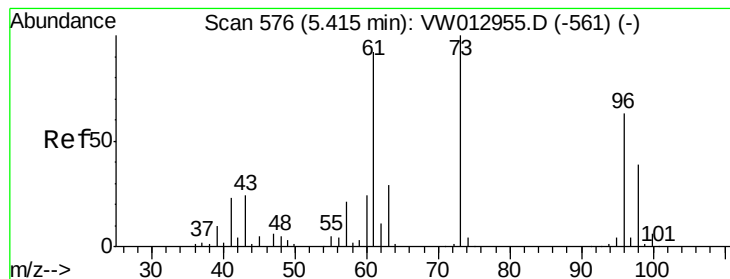


#20

Methylene Chloride
 Concen: 24.820 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 84 Resp: 70000
 Ion Ratio Lower Upper
 84 100
 49 116.2 102.0 153.0
 51 36.7 34.0 51.0
 86 64.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 21.743 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

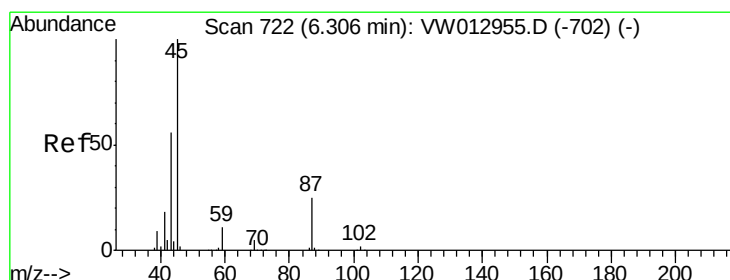
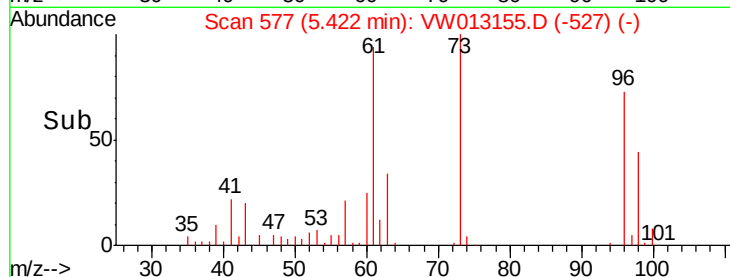
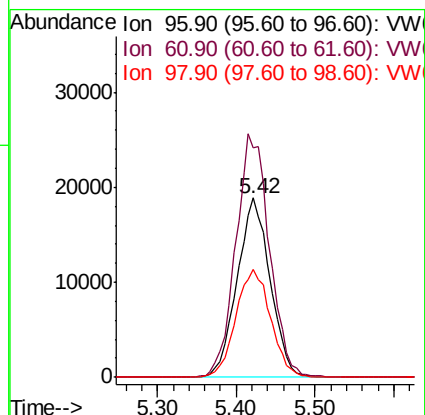
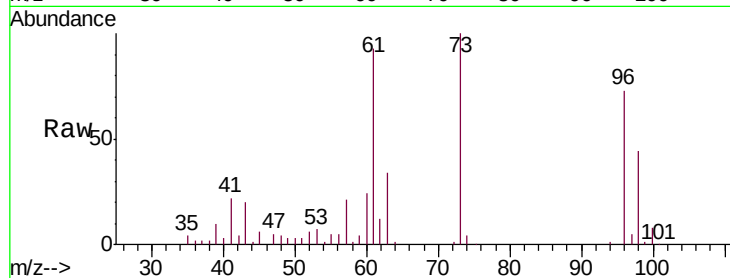
Tgt Ion: 96 Resp: 54974

Ion Ratio Lower Upper

96 100

61 128.3 116.2 174.2

98 60.4 49.8 74.6



#22

Diisopropyl ether

Concen: 20.184 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Tgt Ion: 45 Resp: 187914

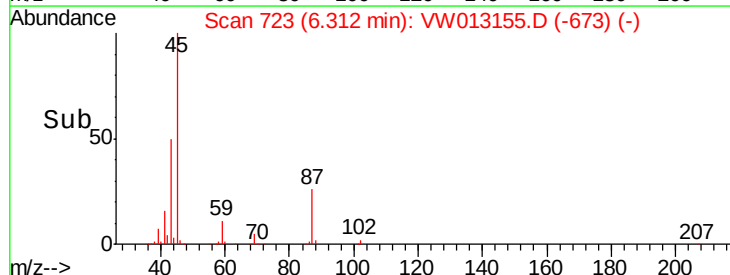
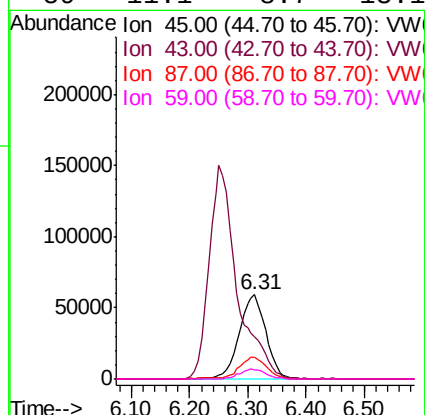
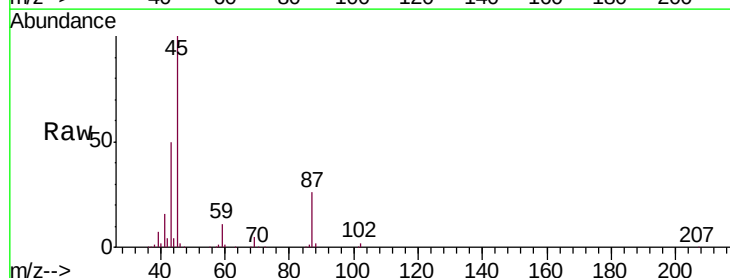
Ion Ratio Lower Upper

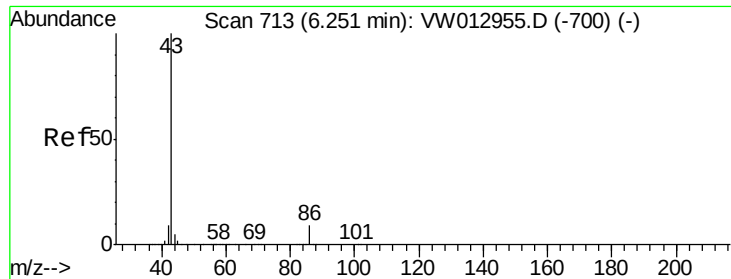
45 100

43 49.2 44.6 67.0

87 26.4 20.0 30.0

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 89.761 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

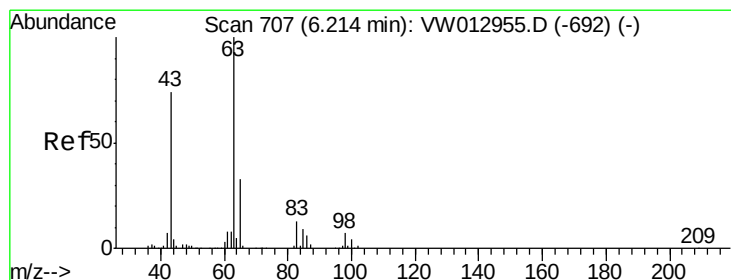
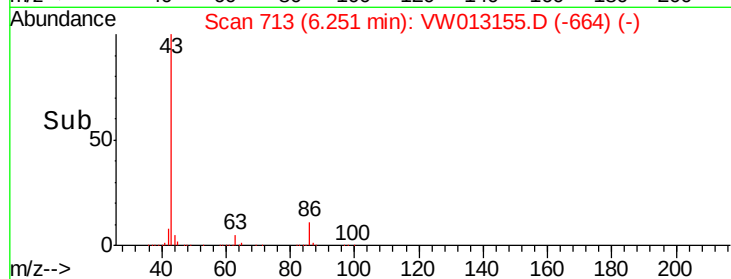
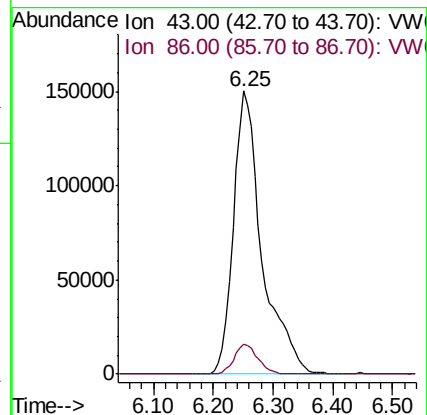
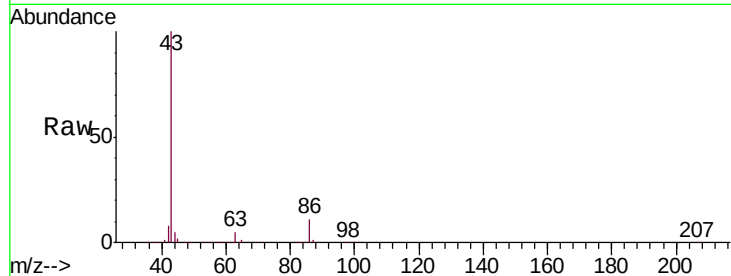
VW0919SBSD01

Tgt Ion: 43 Resp: 500527

Ion Ratio Lower Upper

43 100

86 10.6 7.0 10.6#



#24

1,1-Dichloroethane

Concen: 20.222 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

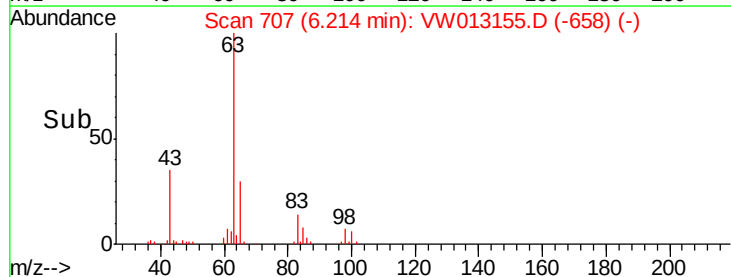
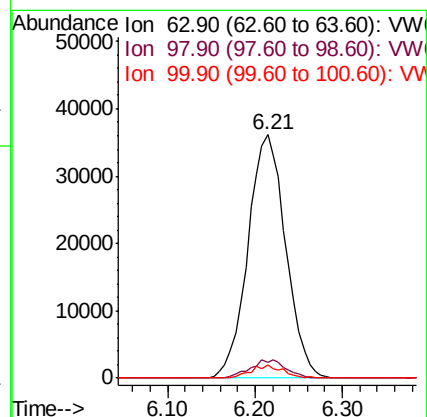
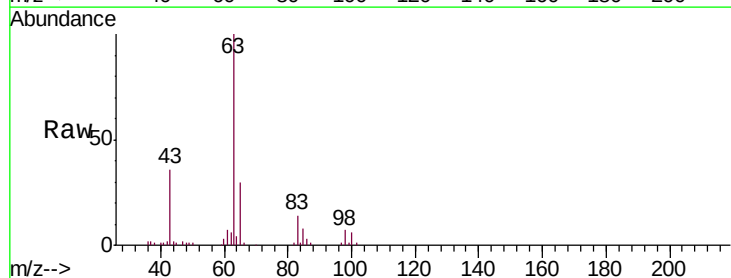
Tgt Ion: 63 Resp: 108548

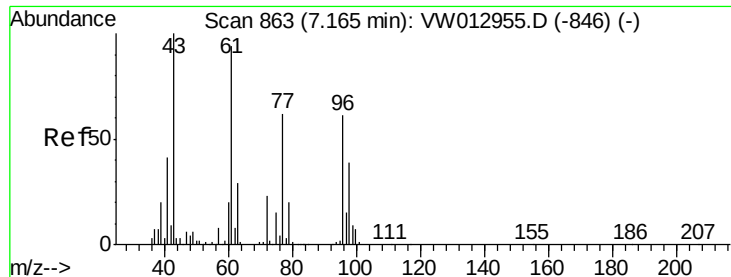
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 5.5 1.8 5.5





#25

2-Butanone

Concen: 80.786 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

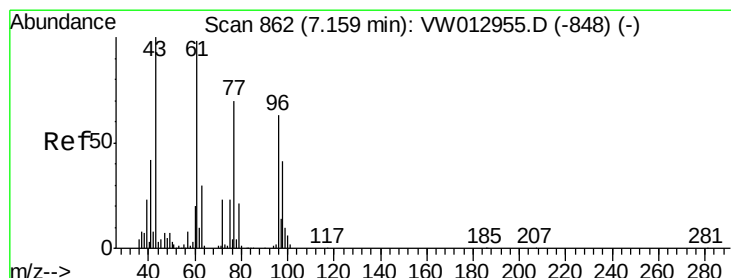
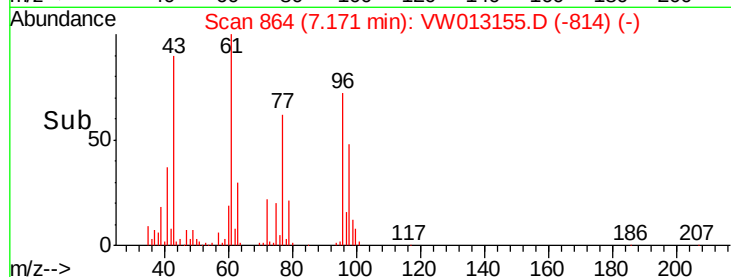
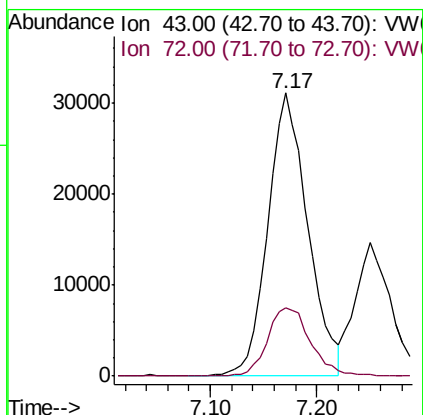
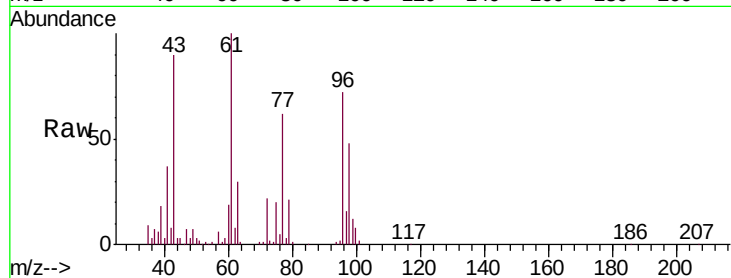
VW0919SBS01

Tgt Ion: 43 Resp: 81138

Ion Ratio Lower Upper

43 100

72 24.2 18.2 27.4



#26

2,2-Dichloropropane

Concen: 17.937 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013155.D

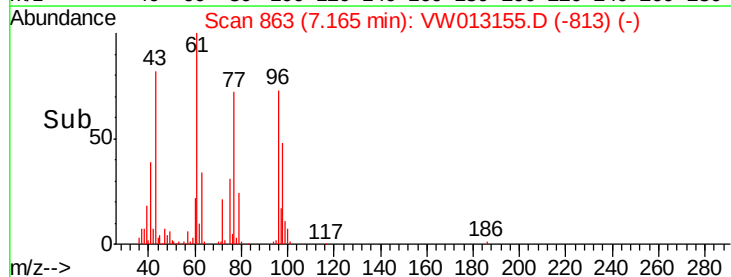
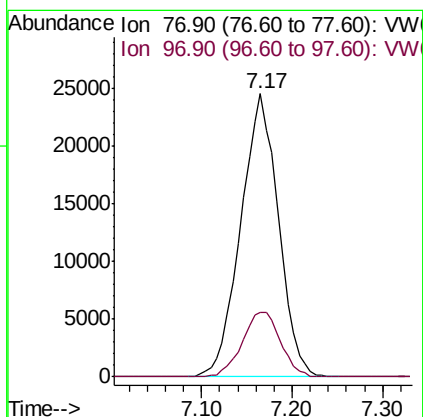
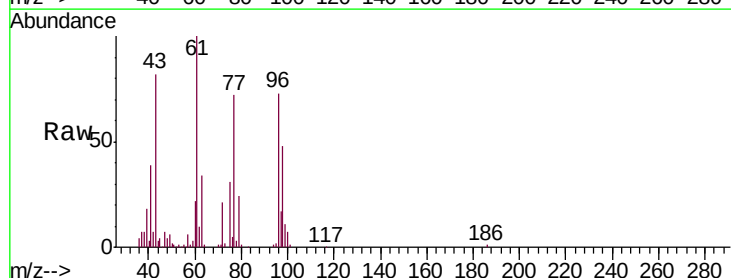
Acq: 19 Sep 2019 12:42

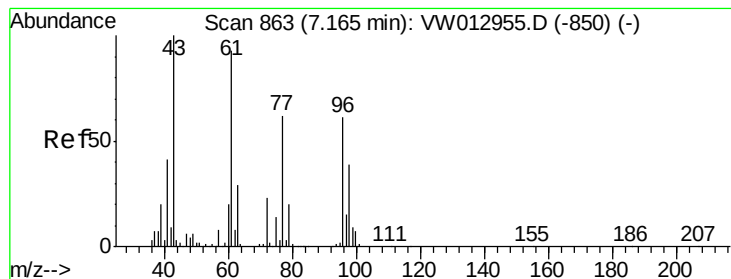
Tgt Ion: 77 Resp: 70578

Ion Ratio Lower Upper

77 100

97 23.3 10.7 32.1



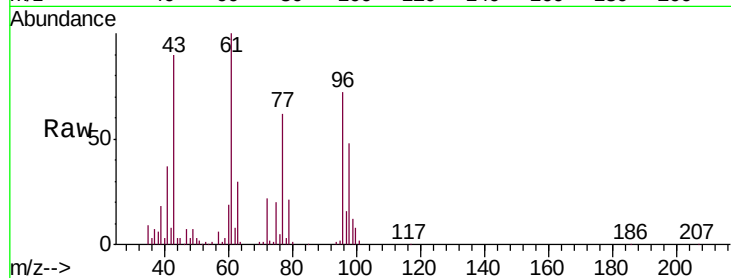


#27

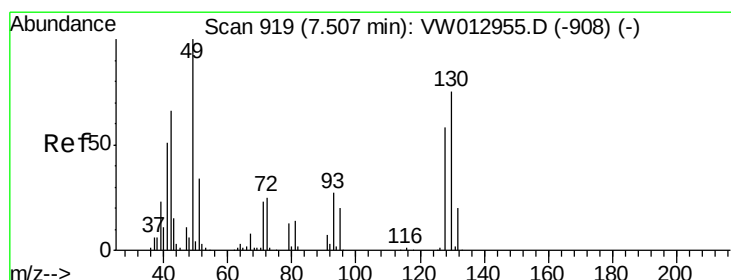
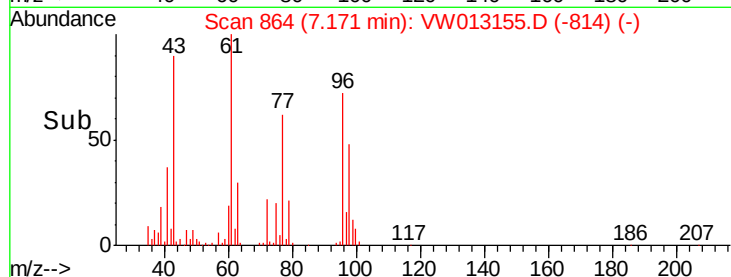
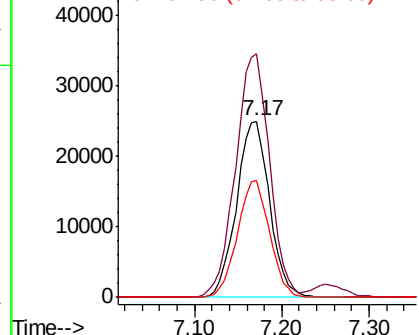
cis-1,2-Dichloroethene
 Concen: 21.673 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

Tgt Ion: 96 Resp: 65605
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 315.4
 98 64.7 0.0 131.0



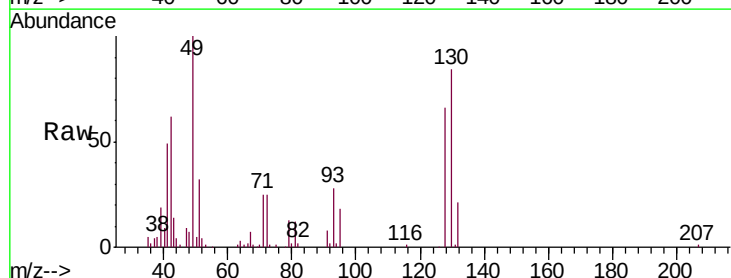
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



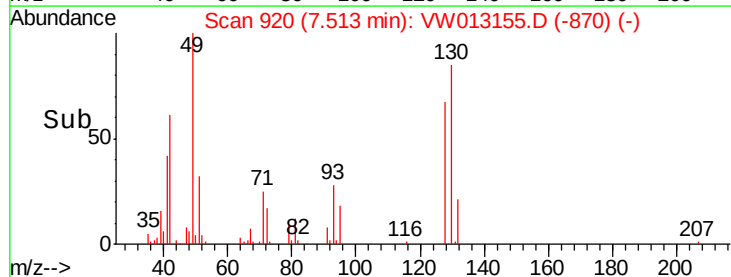
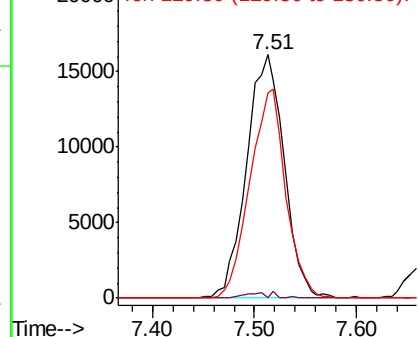
#28

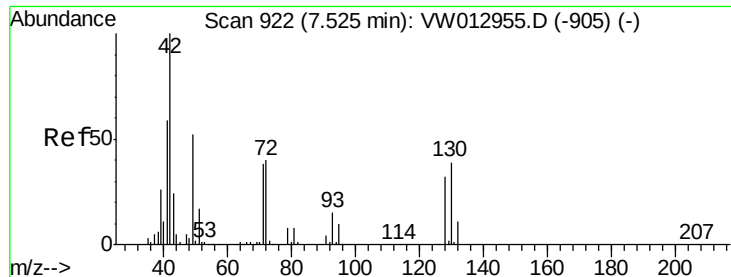
Bromochloromethane
 Concen: 18.295 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 49 Resp: 41335
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.4
 130 81.6 57.8 86.6



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

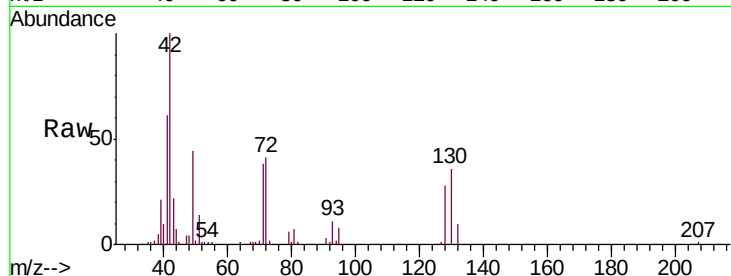




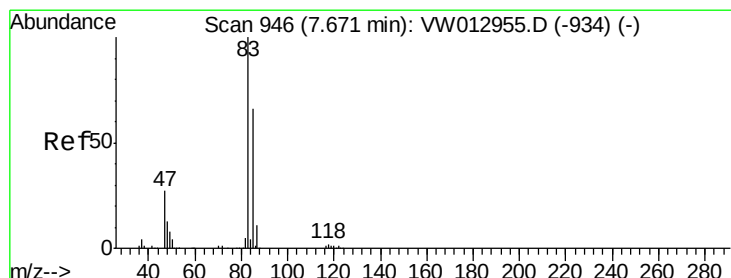
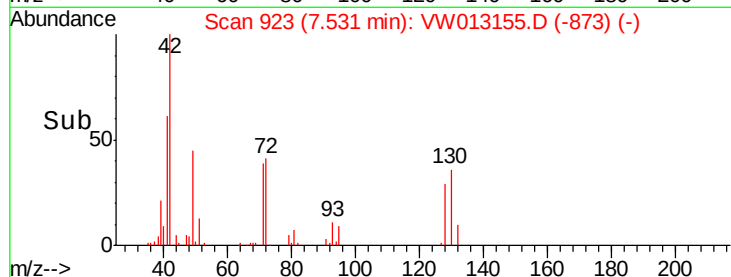
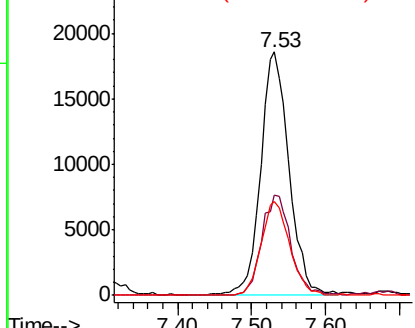
#29
Tetrahydrofuran
Concen: 86.397 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Tgt Ion: 42 Resp: 49442
Ion Ratio Lower Upper
42 100
72 42.0 31.4 47.0
71 38.6 29.8 44.8

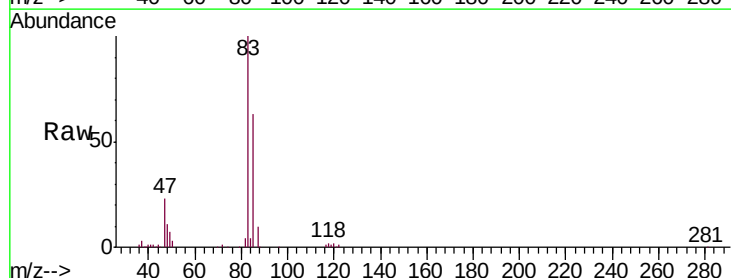


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

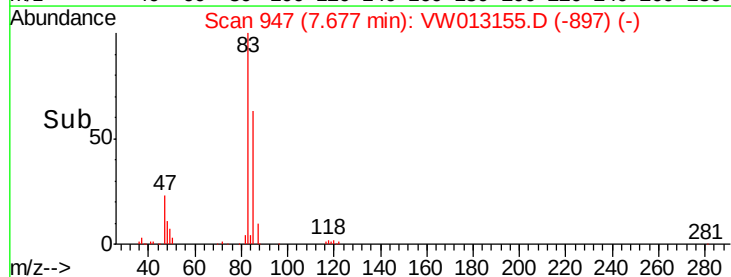
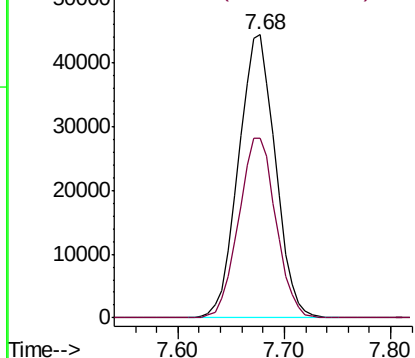


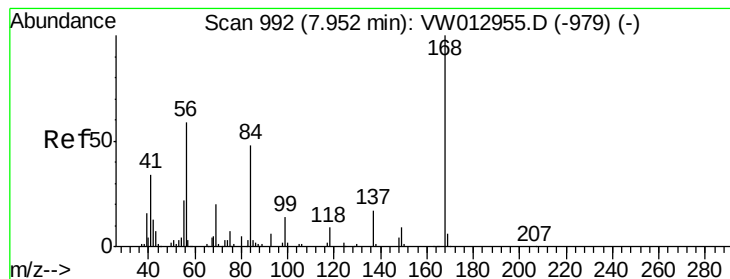
#30
Chloroform
Concen: 19.762 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 83 Resp: 107789
Ion Ratio Lower Upper
83 100
85 63.5 52.8 79.2



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





#31

Cyclohexane

Concen: 20.568 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

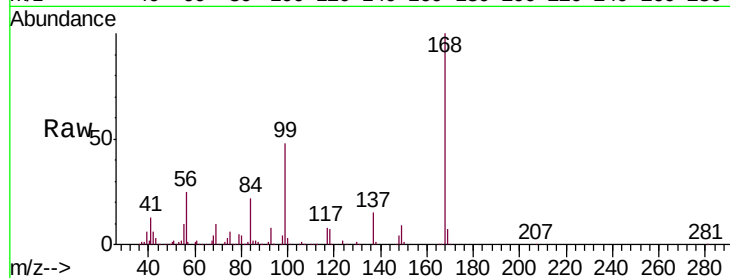
Tgt Ion: 56 Resp: 92962

Ion Ratio Lower Upper

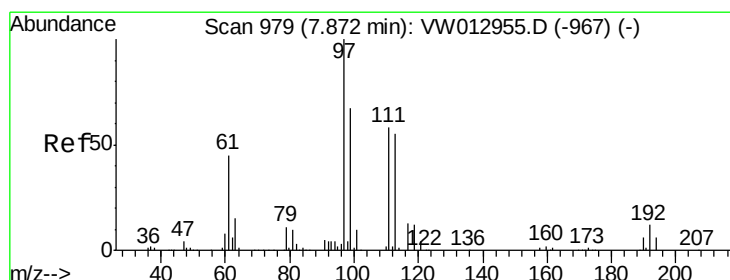
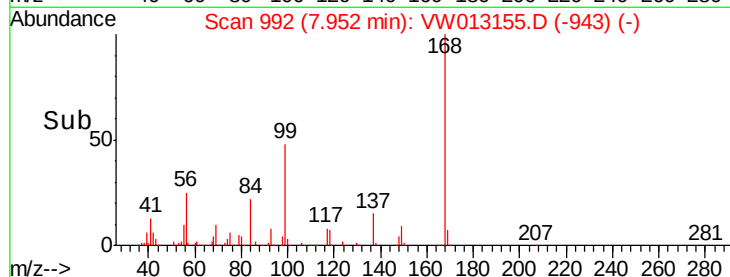
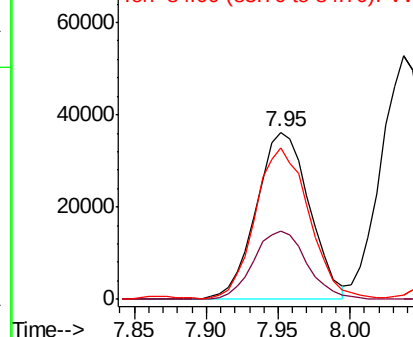
56 100

69 40.8 27.0 40.6#

84 89.8 66.2 99.2



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



#32

1,1,1-Trichloroethane

Concen: 18.848 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

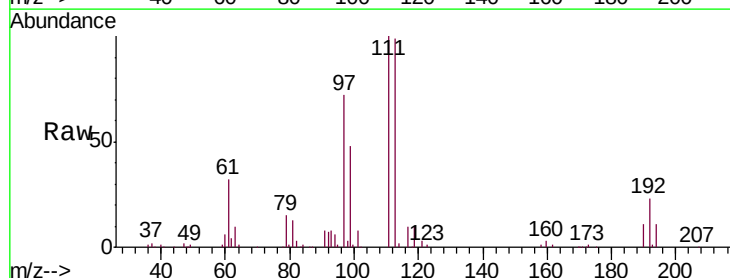
Tgt Ion: 97 Resp: 84659

Ion Ratio Lower Upper

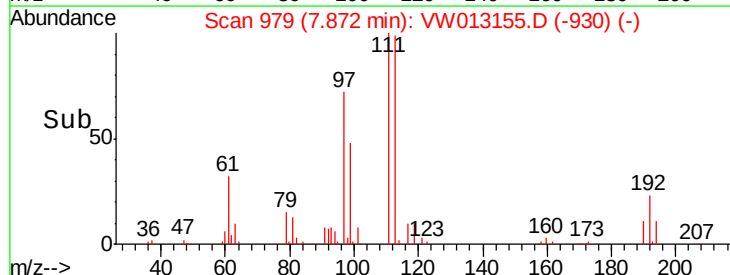
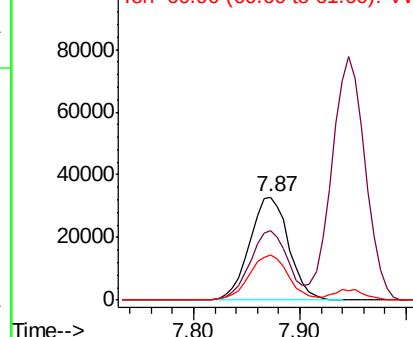
97 100

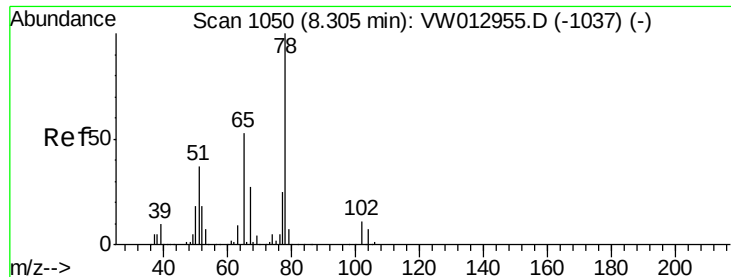
99 65.2 53.0 79.4

61 43.9 36.5 54.7



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

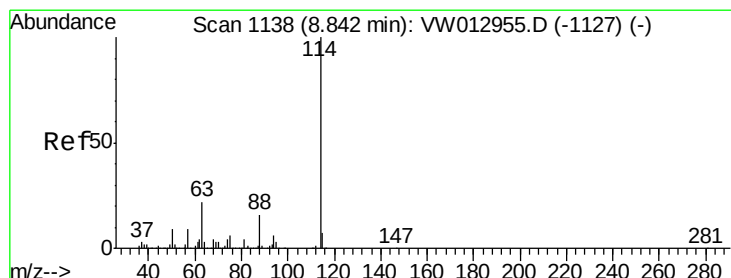
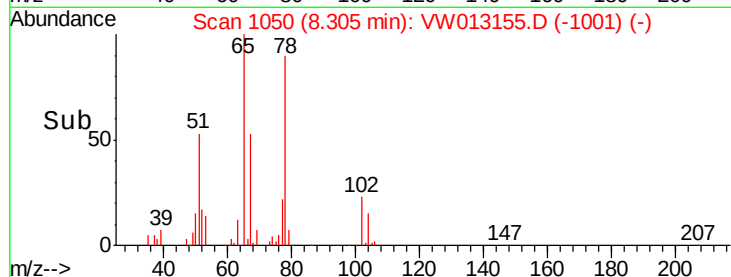
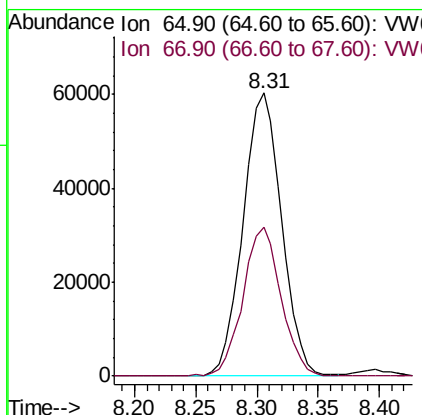
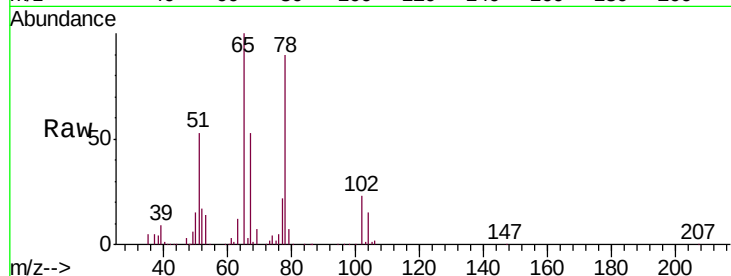




#33
 1,2-Dichloroethane-d4
 Concen: 41.840 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

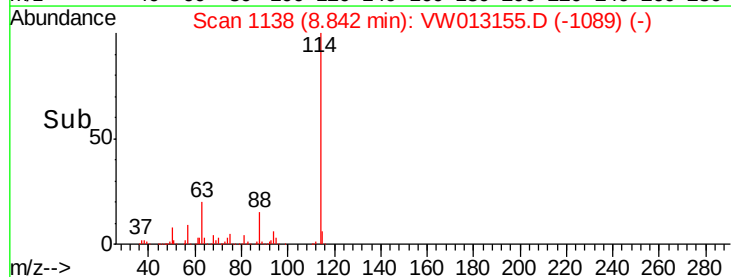
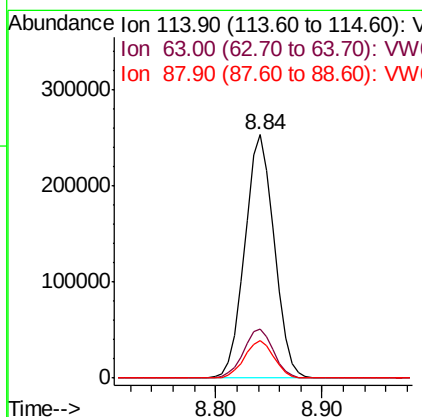
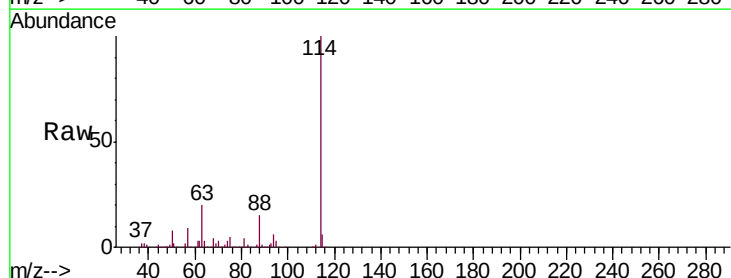
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

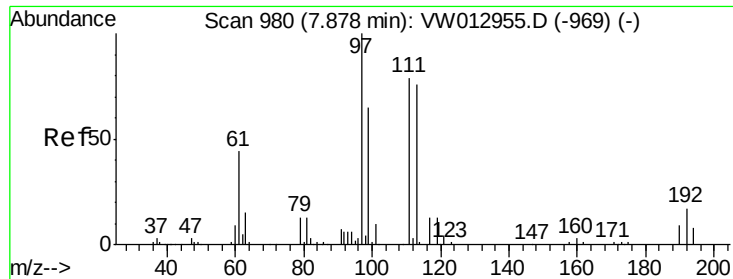
Tgt Ion: 65 Resp: 132155
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 114 Resp: 493101
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.4
 88 15.2 0.0 31.6

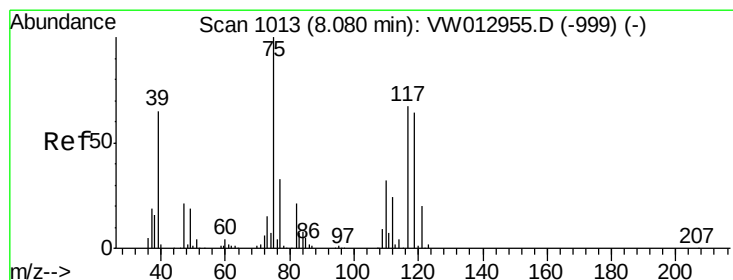
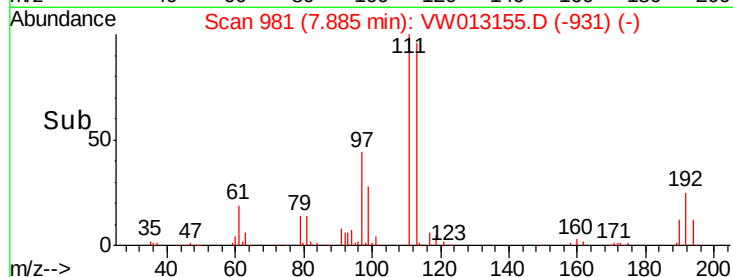
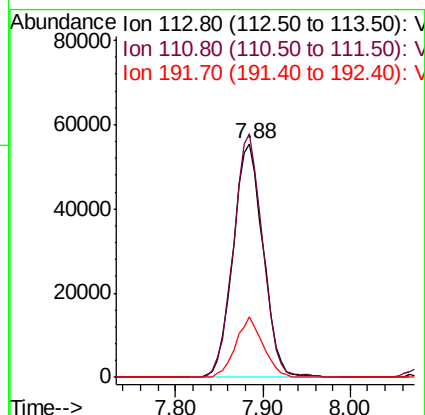
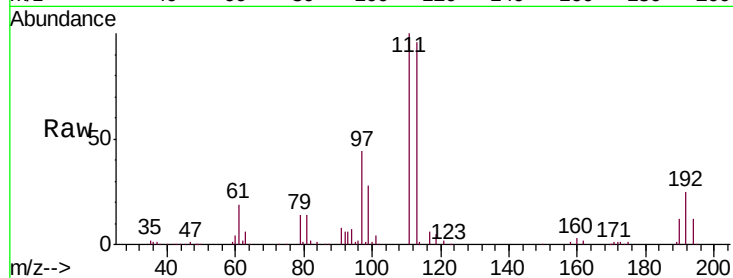




#35
 Dibromofluoromethane
 Concen: 49.370 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

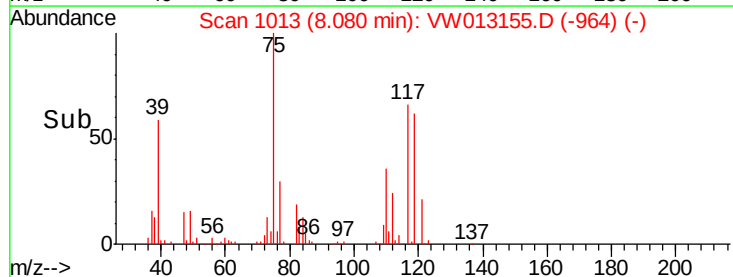
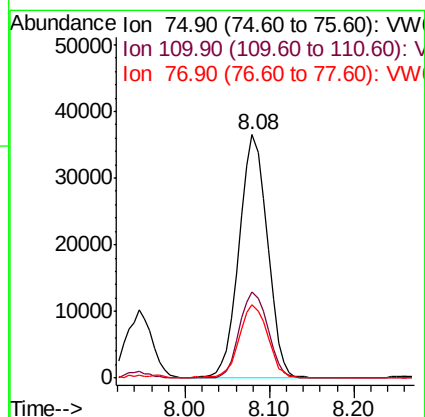
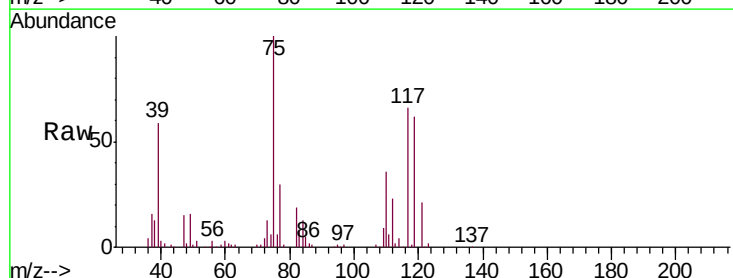
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

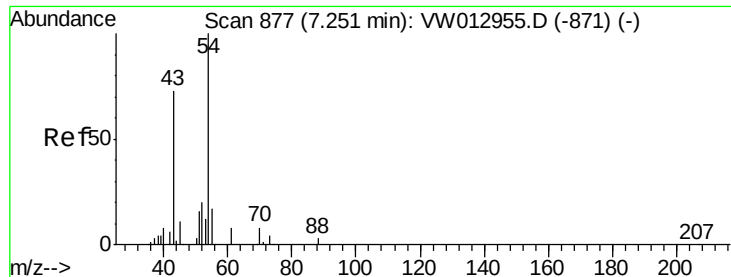
Tgt Ion: 113 Resp: 132096
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 23.8 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 21.103 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 75 Resp: 83154
 Ion Ratio Lower Upper
 75 100
 110 35.3 16.4 49.1
 77 30.5 25.1 37.7

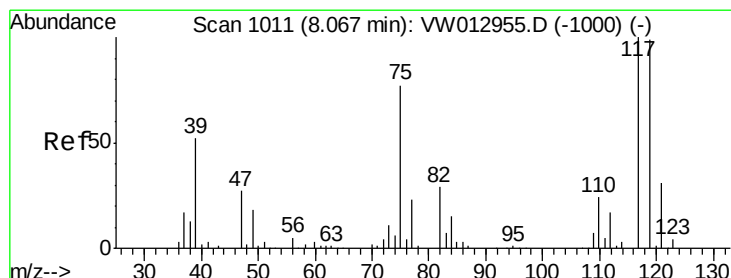
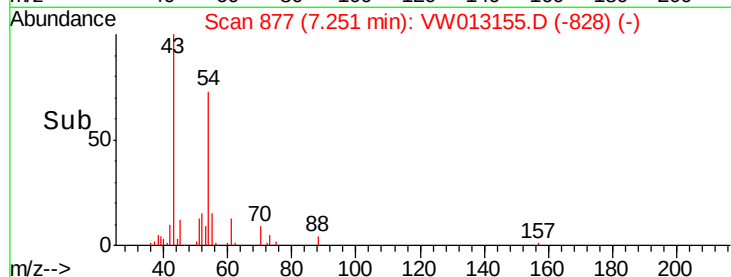
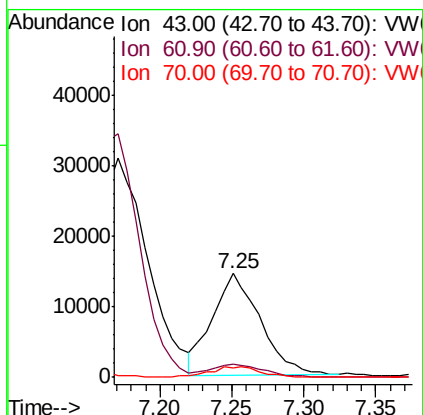
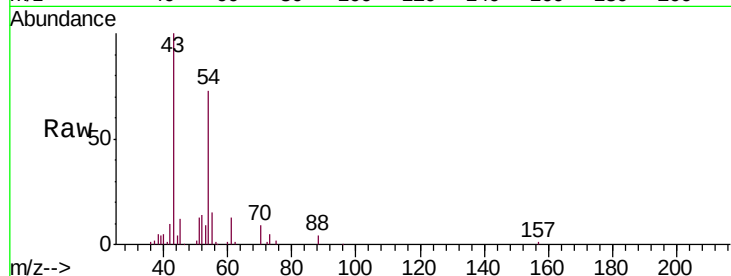




#37
Ethyl Acetate
Concen: 15.823 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

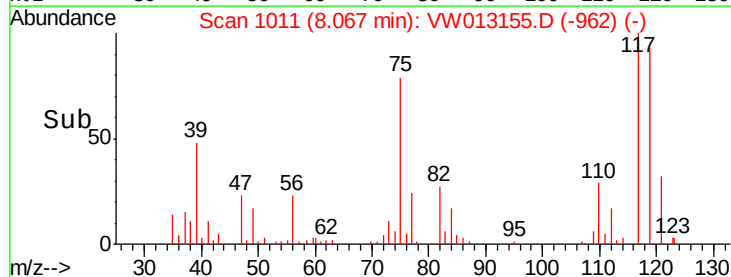
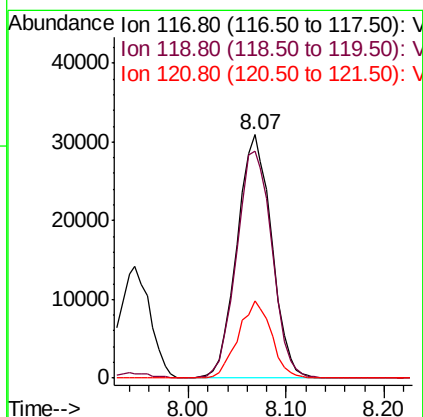
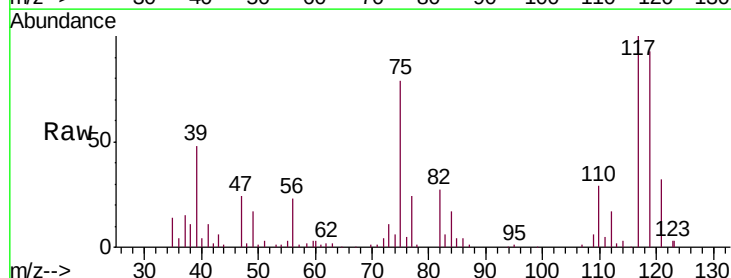
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

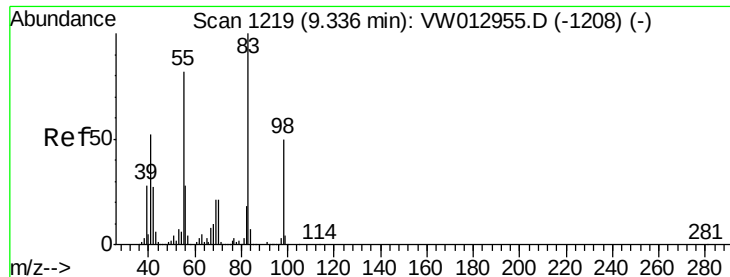
Tgt Ion: 43 Resp: 33094
Ion Ratio Lower Upper
43 100
61 14.1 9.6 14.4
70 11.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.794 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 117 Resp: 75888
Ion Ratio Lower Upper
117 100
119 93.4 79.4 119.0
121 31.7 24.6 36.8

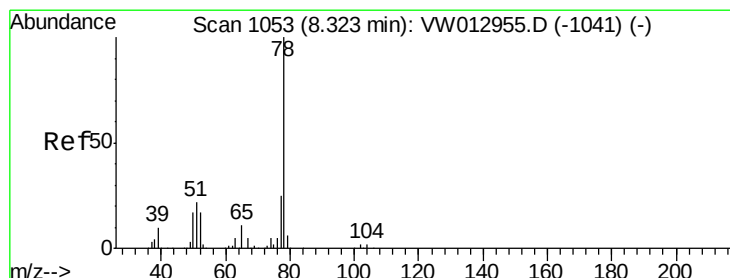
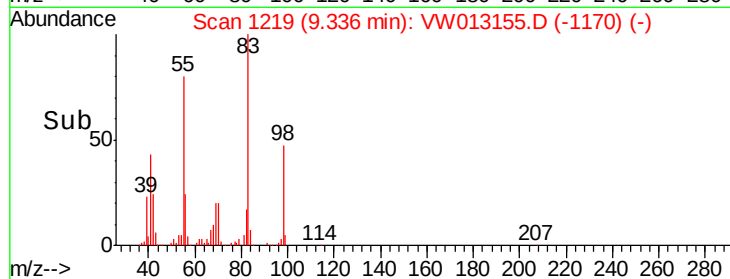
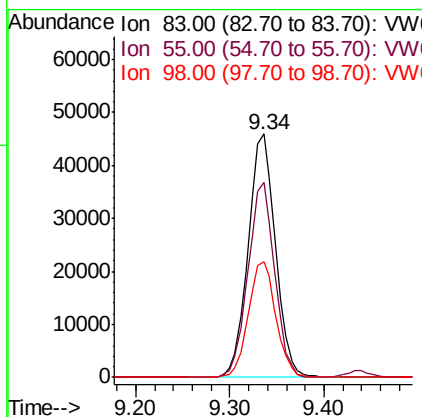
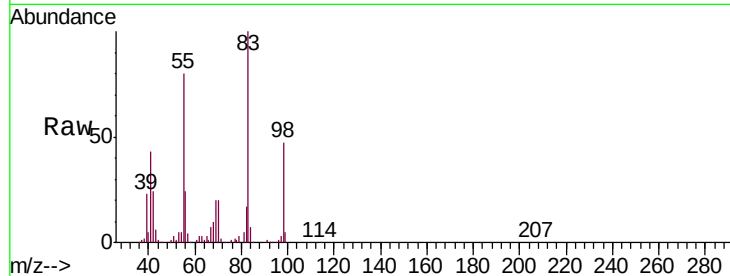




#39
Methylcyclohexane
Concen: 21.657 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

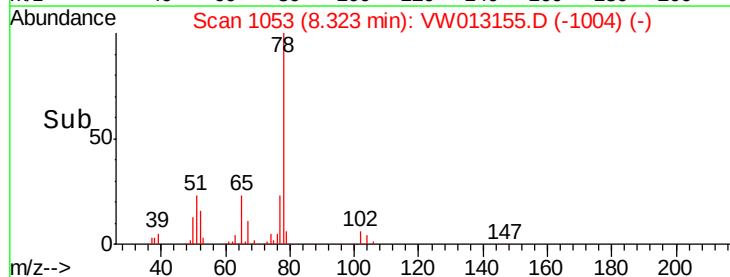
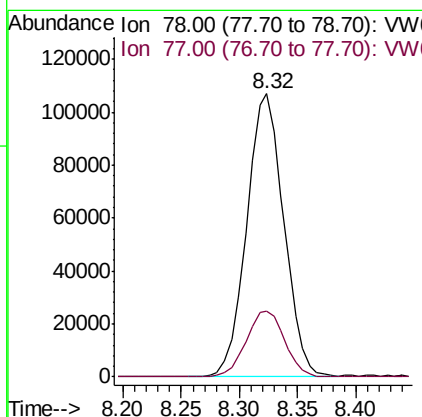
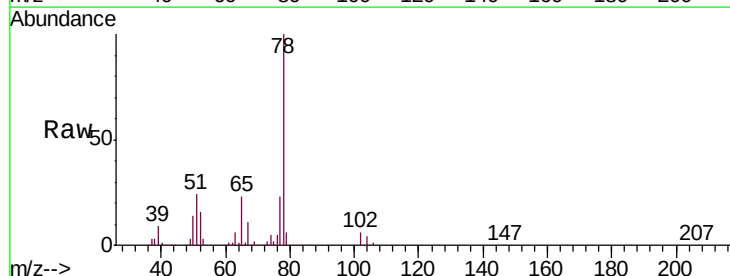
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

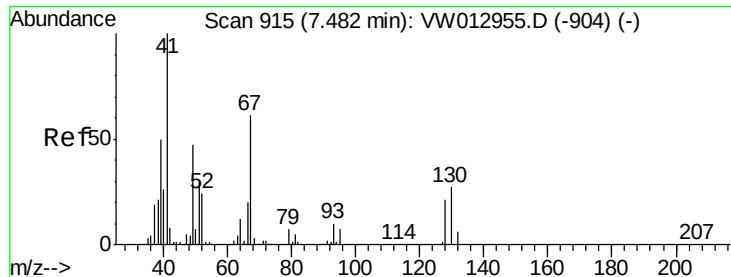
Tgt Ion: 83 Resp: 93510
Ion Ratio Lower Upper
83 100
55 79.9 65.9 98.9
98 47.4 39.6 59.4



#40
Benzene
Concen: 21.482 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 78 Resp: 236299
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4

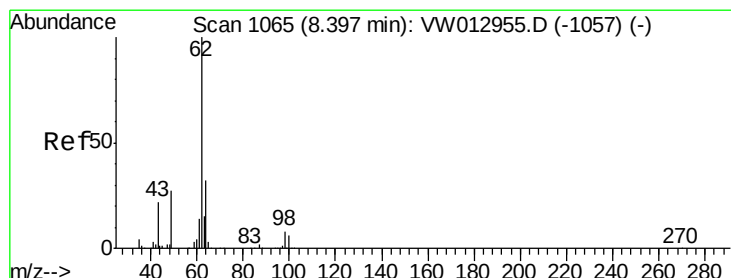
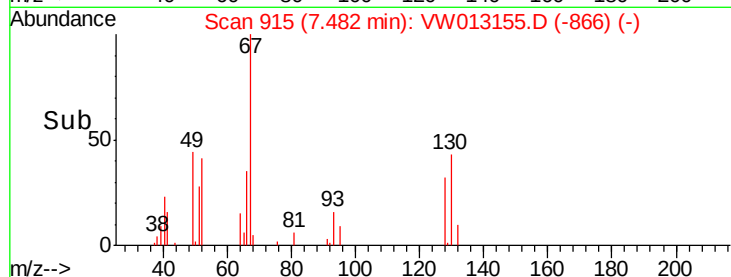
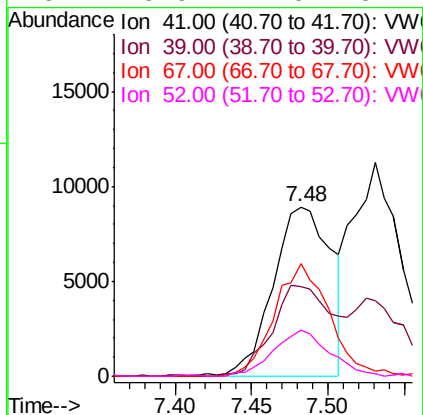
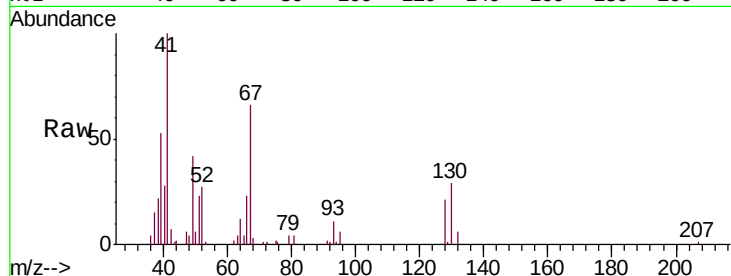




#41
Methacrylonitrile
Concen: 17.162 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

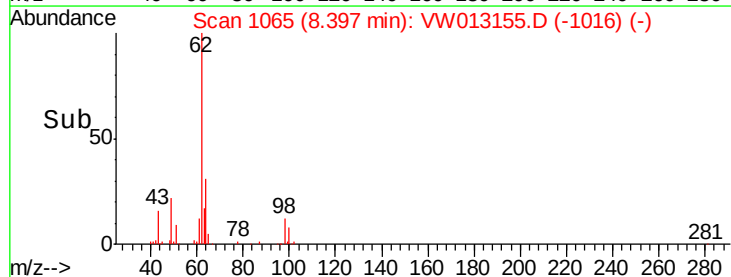
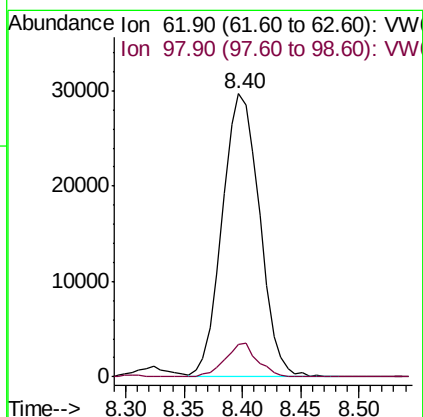
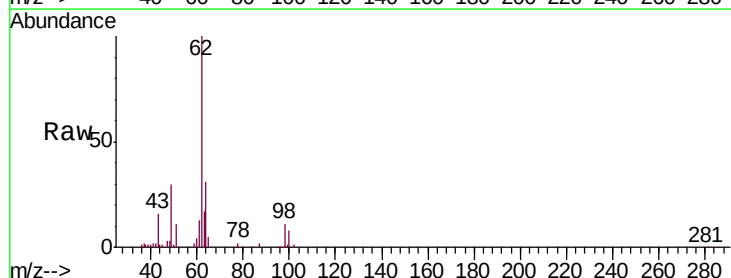
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

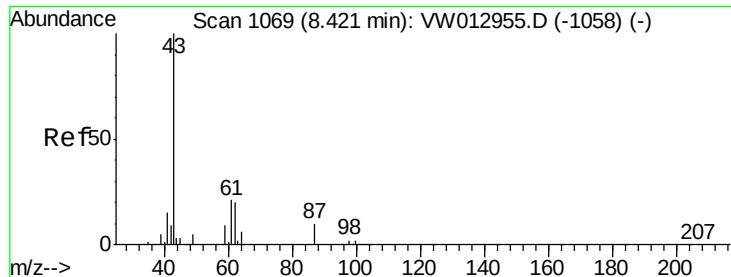
Tgt Ion:	41	Resp:	23638
Ion	Ratio	Lower	Upper
41	100		
39	57.7	48.2	72.4
67	63.0	47.5	71.3
52	25.9	21.0	31.4



#42
1,2-Dichloroethane
Concen: 17.951 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion:	62	Resp:	66194
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 16.921 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

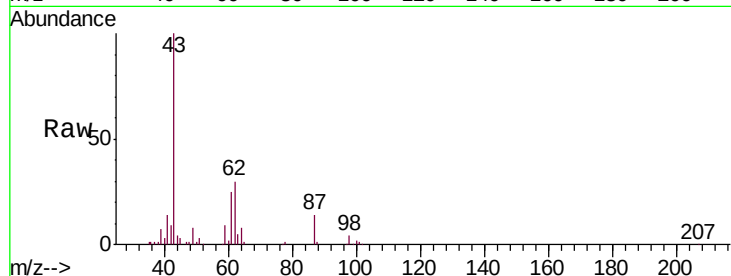
Tgt Ion: 43 Resp: 67948

Ion Ratio Lower Upper

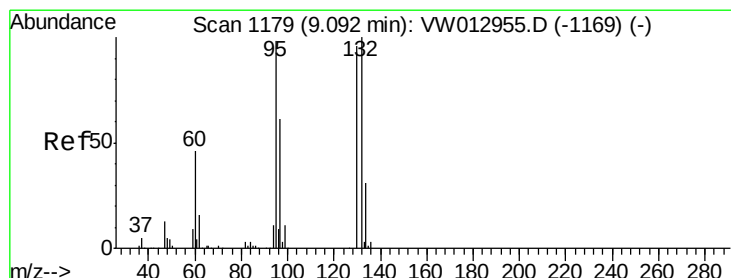
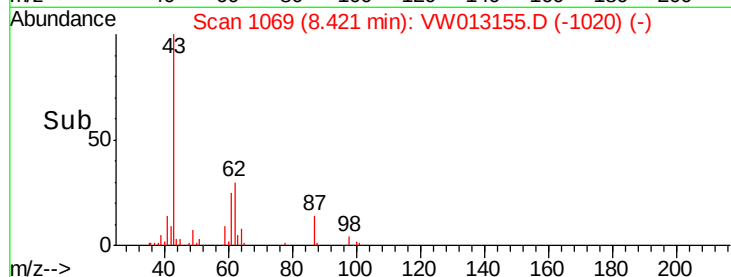
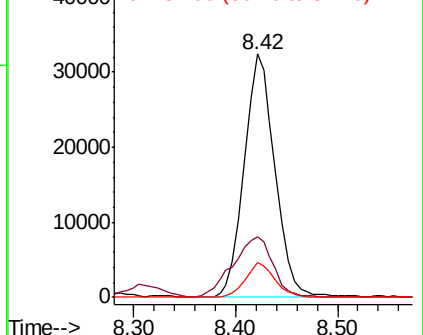
43 100

61 32.4 22.7 34.1

87 13.6 9.4 14.2



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



#44

Trichloroethene

Concen: 21.755 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013155.D

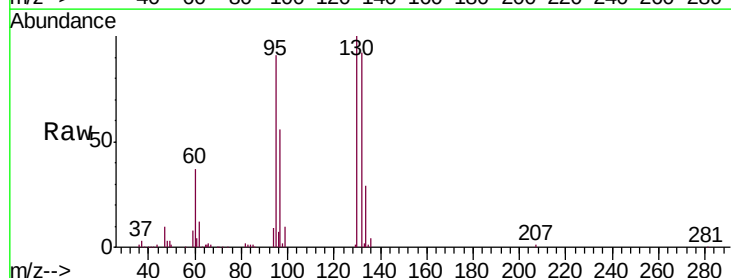
Acq: 19 Sep 2019 12:42

Tgt Ion: 130 Resp: 65547

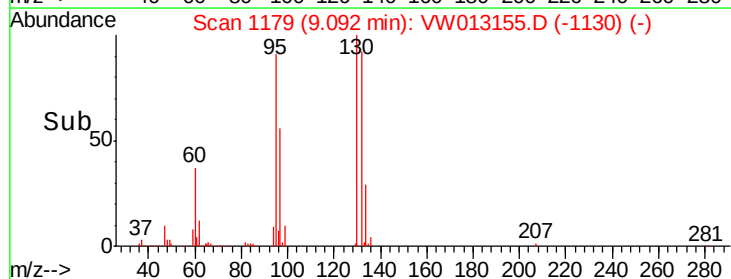
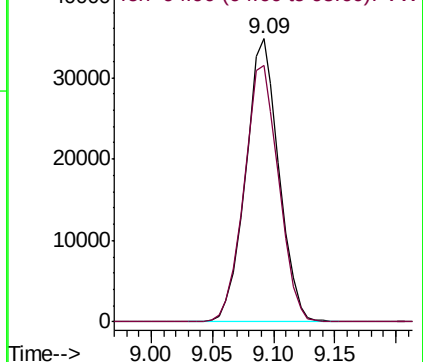
Ion Ratio Lower Upper

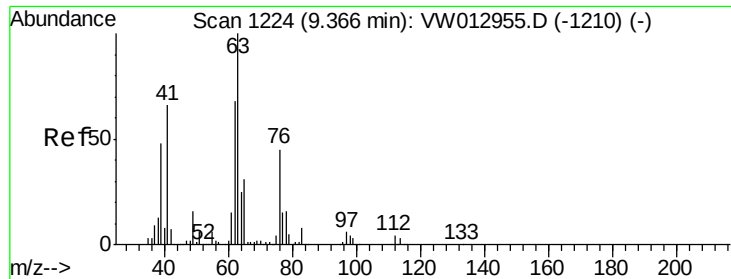
130 100

95 90.8 0.0 204.4



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

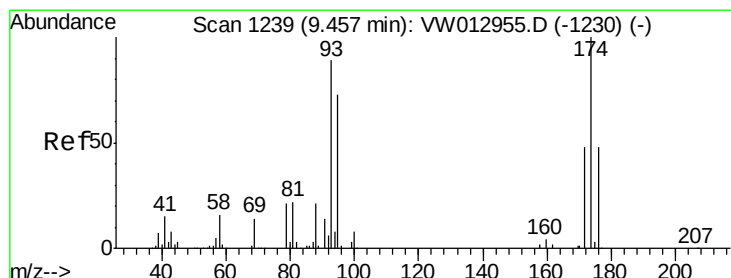
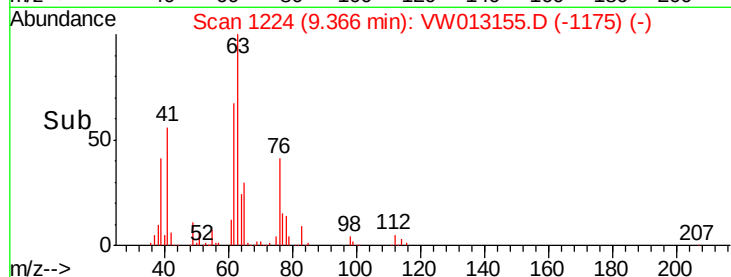
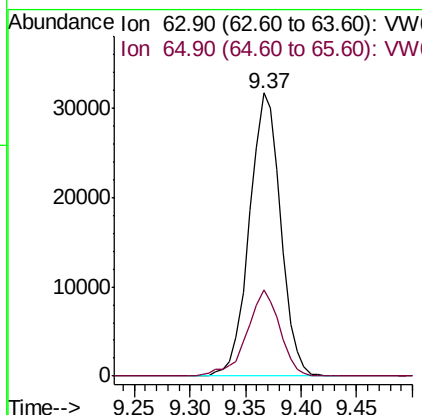
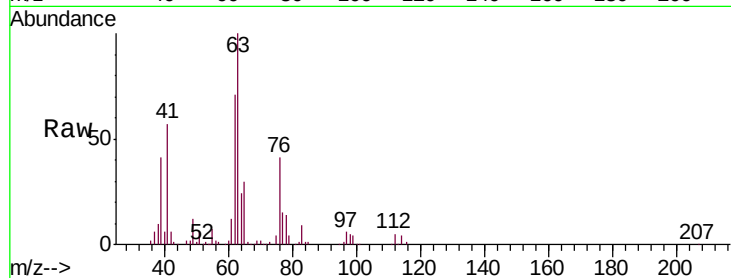




#45
 1,2-Dichloropropane
 Concen: 21.260 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

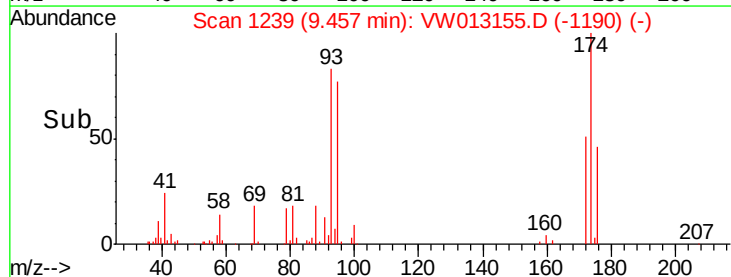
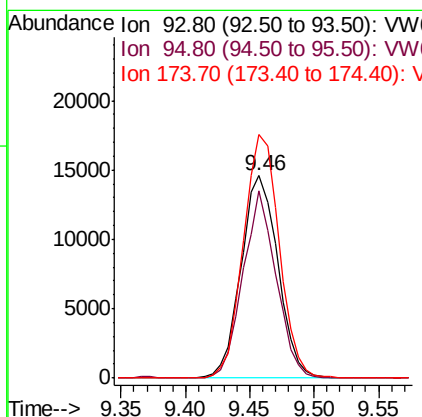
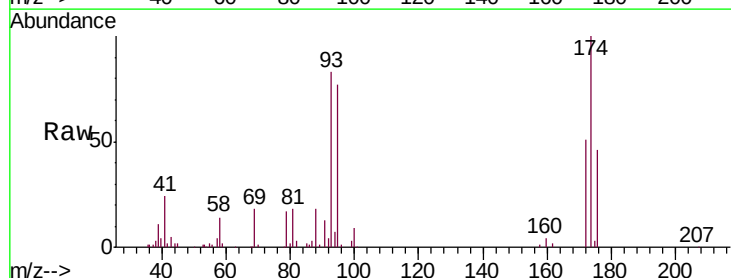
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

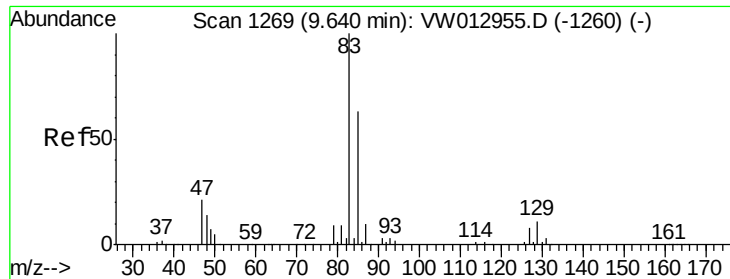
Tgt Ion: 63 Resp: 62132
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 37.0



#46
 Dibromomethane
 Concen: 20.624 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 93 Resp: 28877
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.4
 174 116.9 90.5 135.7





#47

Bromodichloromethane

Concen: 19.333 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

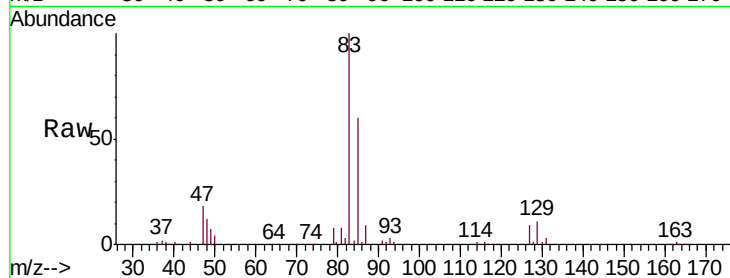
Tgt Ion: 83 Resp: 75931

Ion Ratio Lower Upper

83 100

85 60.2 50.6 75.8

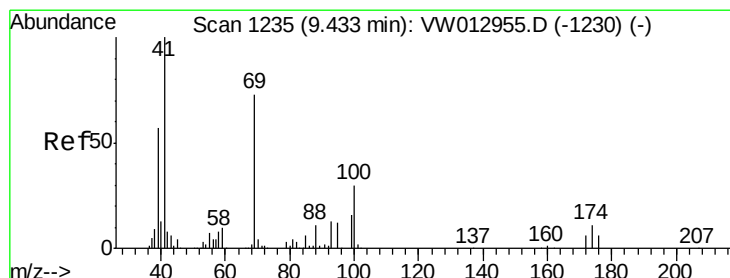
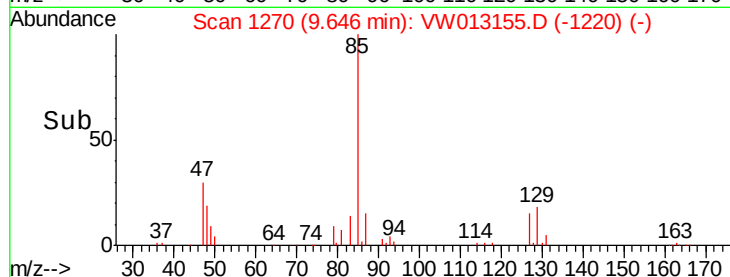
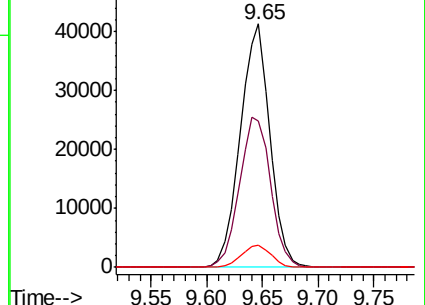
127 9.0 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 16.563 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

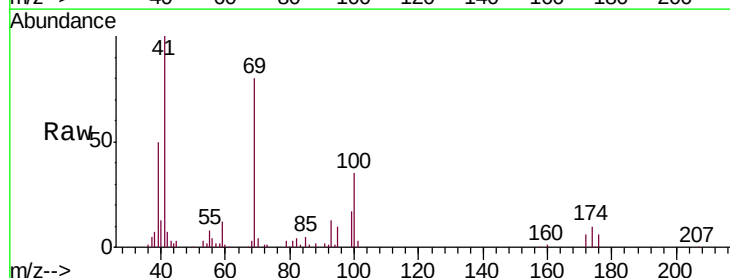
Tgt Ion: 41 Resp: 31215

Ion Ratio Lower Upper

41 100

69 87.9 62.8 94.2

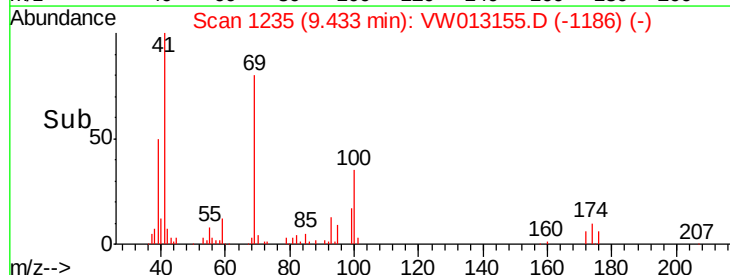
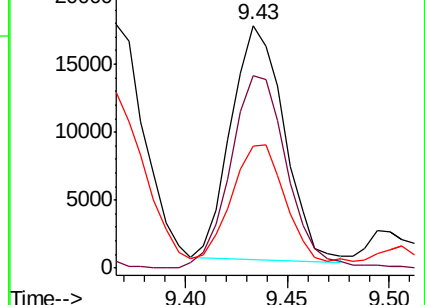
39 56.7 48.5 72.7

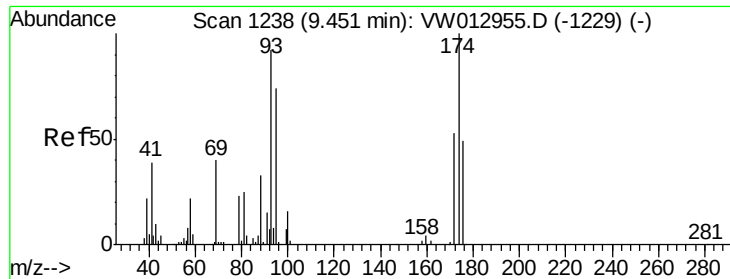


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 337.527 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

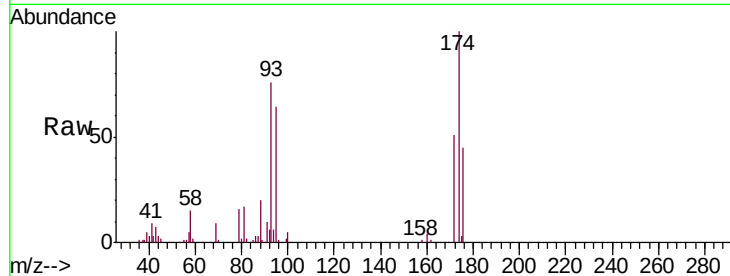
Tgt Ion: 88 Resp: 7919

Ion Ratio Lower Upper

88 100

43 0.0 31.3 46.9#

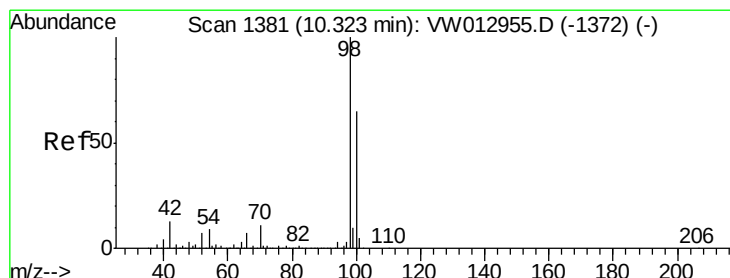
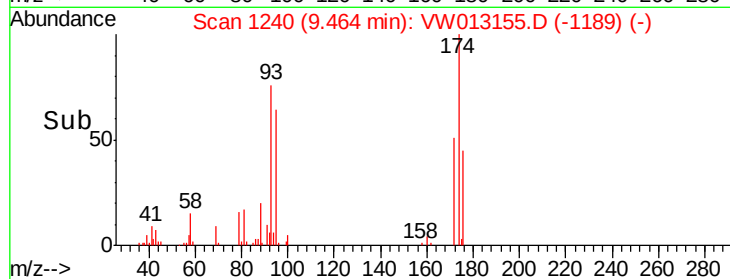
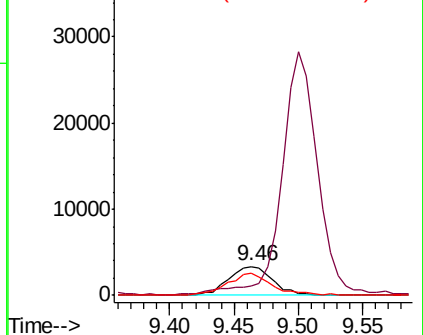
58 77.6 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.832 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013155.D

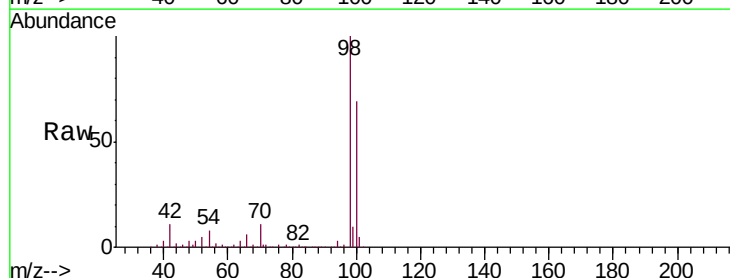
Acq: 19 Sep 2019 12:42

Tgt Ion: 98 Resp: 542680

Ion Ratio Lower Upper

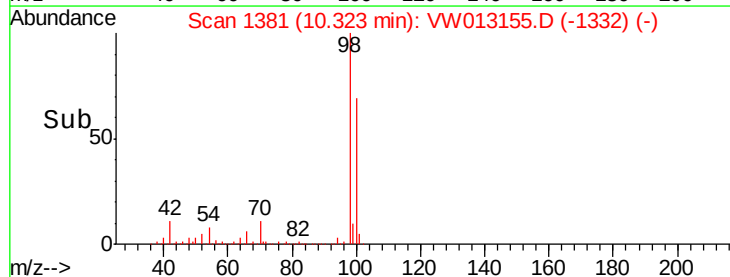
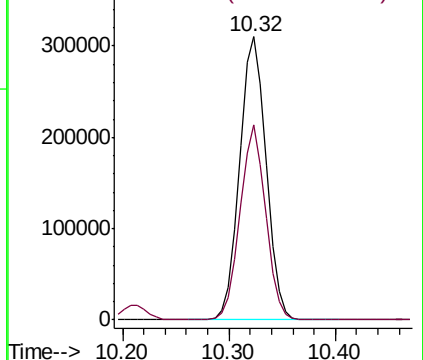
98 100

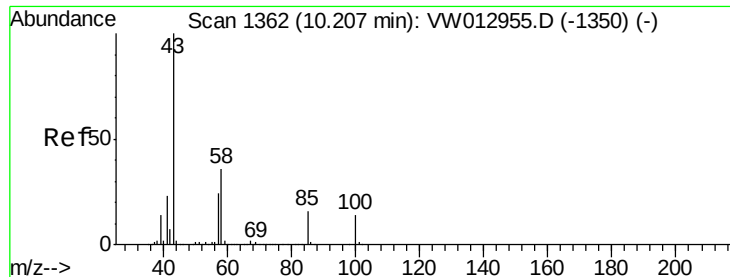
100 66.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

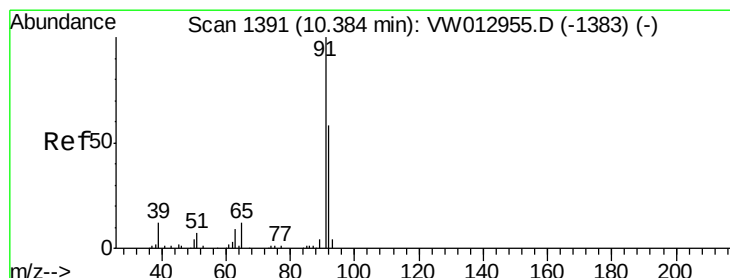
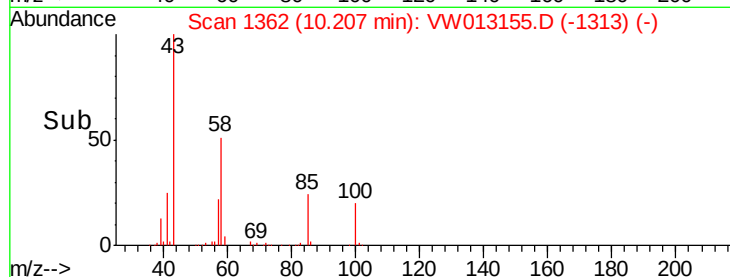
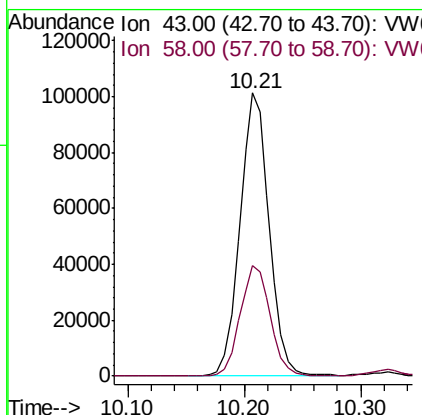
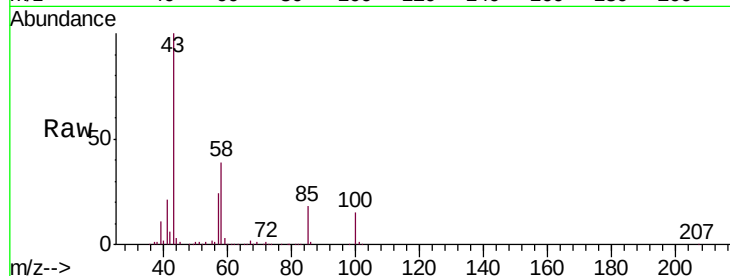




#51
 4-Methyl-2-Pentanone
 Concen: 84.965 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

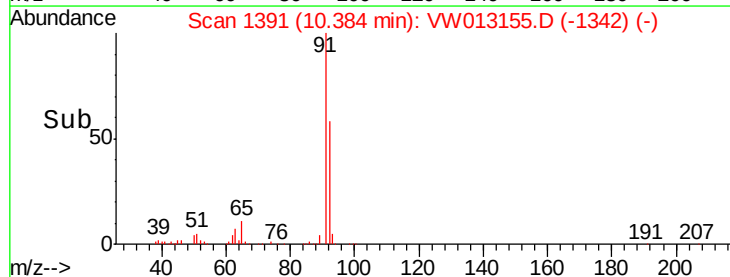
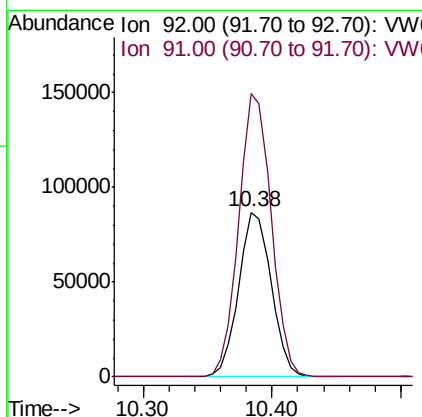
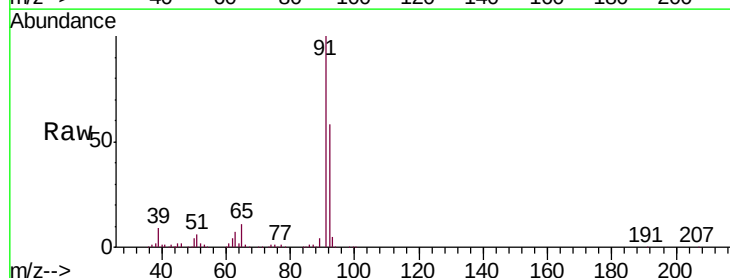
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

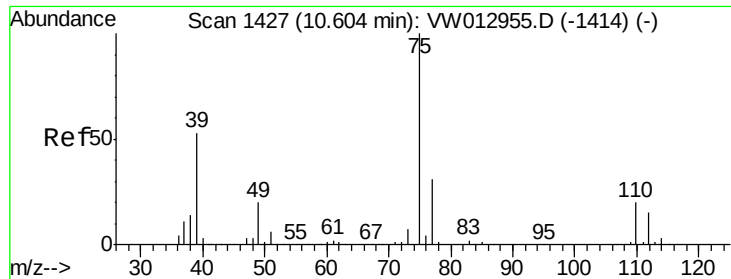
Tgt Ion: 43 Resp: 176150
 Ion Ratio Lower Upper
 43 100
 58 40.3 29.5 44.3



#52
 Toluene
 Concen: 21.781 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 92 Resp: 152245
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.020 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

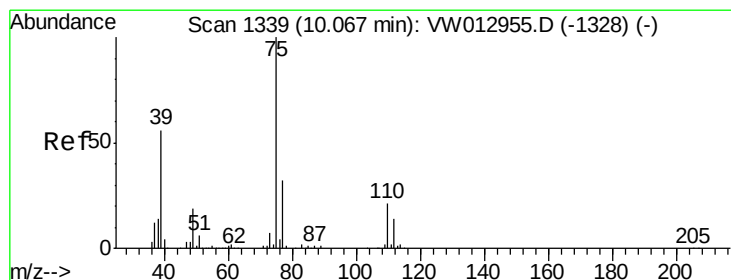
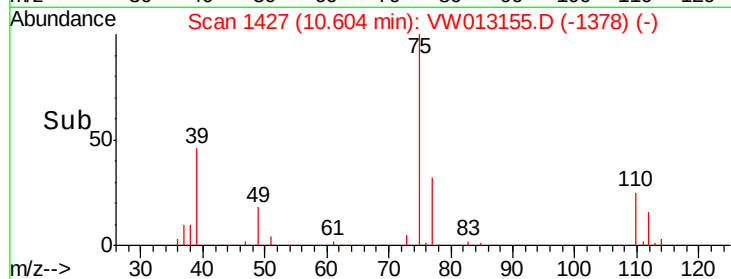
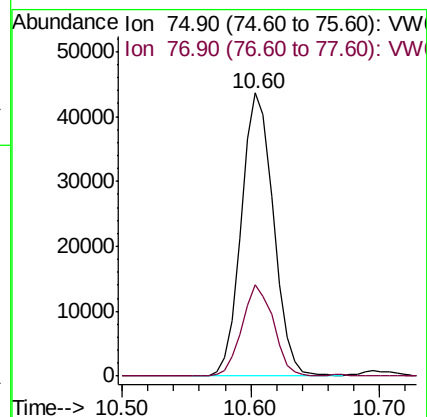
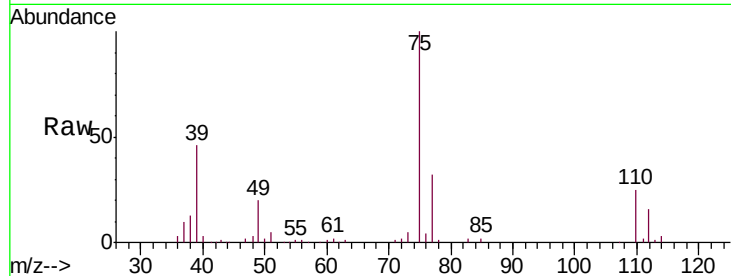
VW0919SBSD01

Tgt Ion: 75 Resp: 75128

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.645 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

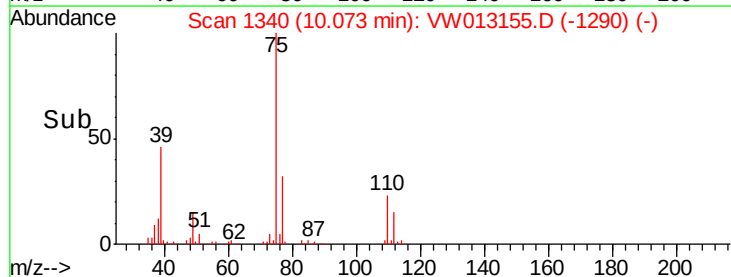
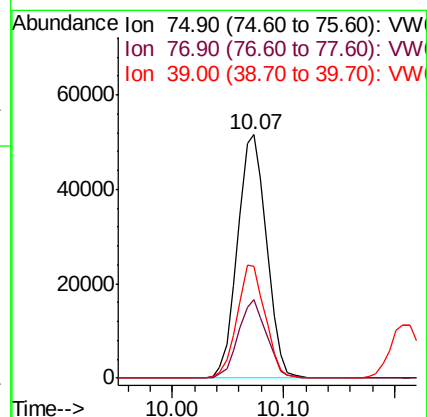
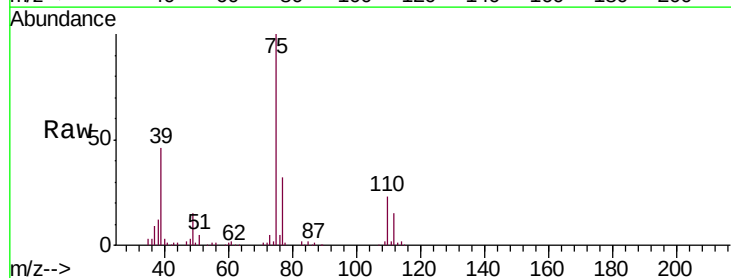
Tgt Ion: 75 Resp: 93306

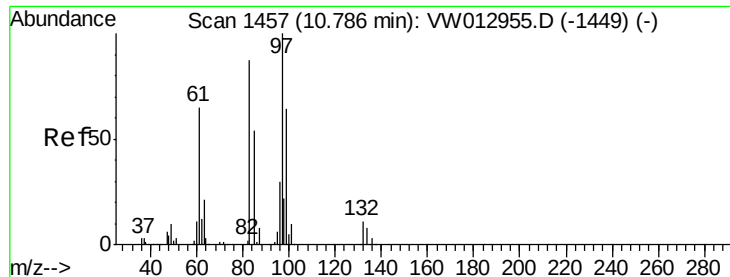
Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

39 45.6 45.0 67.6

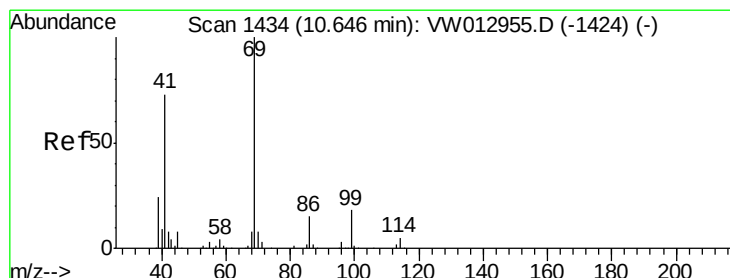
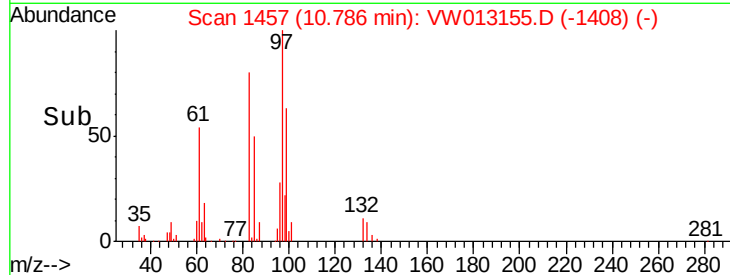
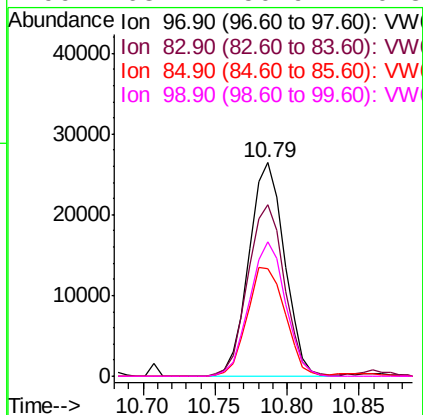
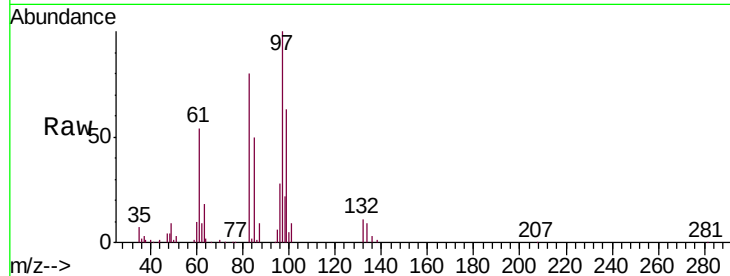




#55
 1,1,2-Trichloroethane
 Concen: 21.200 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

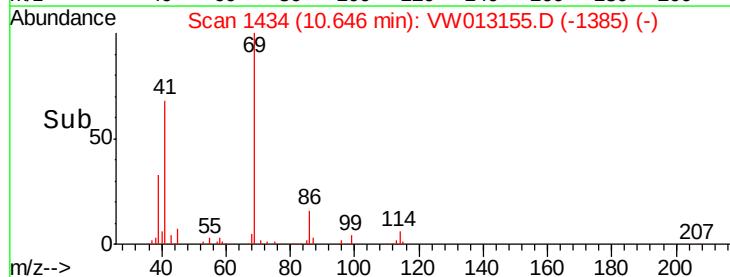
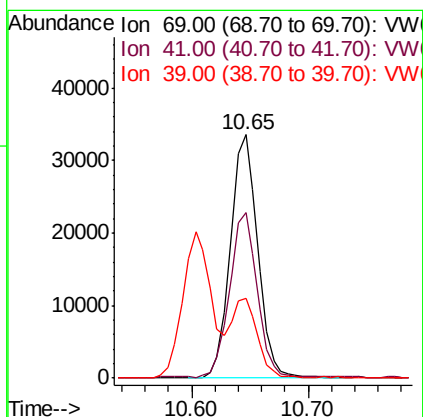
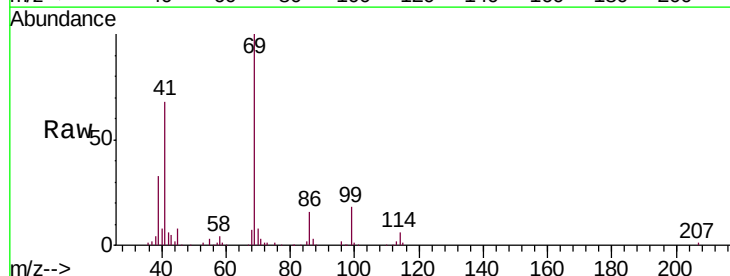
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

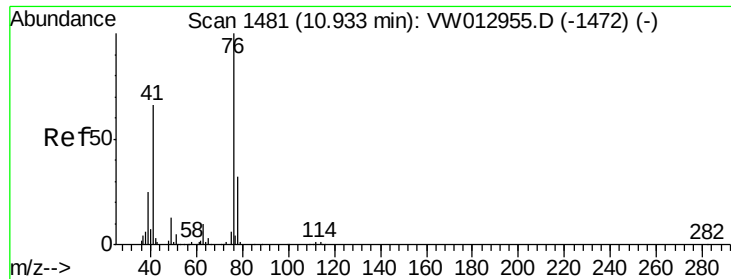
Tgt Ion:	97	Resp:	45221
Ion	Ratio	Lower	Upper
97	100		
83	80.5	69.4	104.0
85	50.2	43.3	64.9
99	63.1	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 19.225 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion:	69	Resp:	55196
Ion	Ratio	Lower	Upper
69	100		
41	67.4	60.8	91.2
39	30.2	29.4	44.0

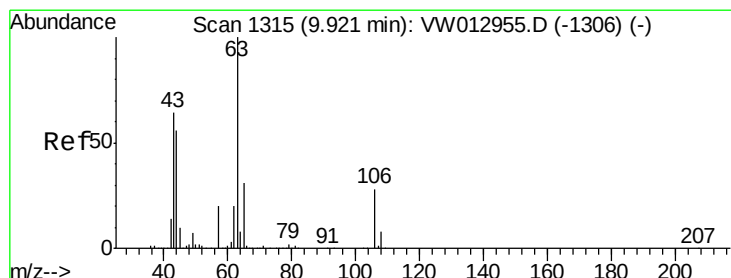
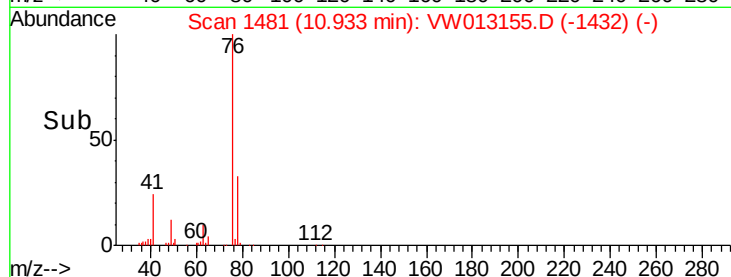
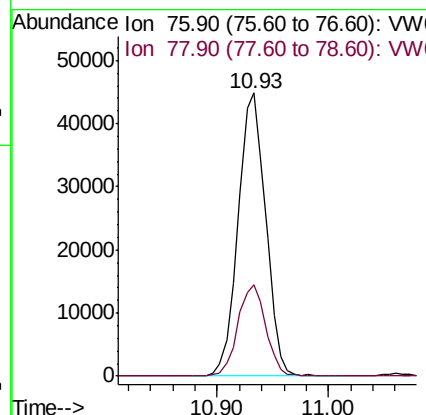
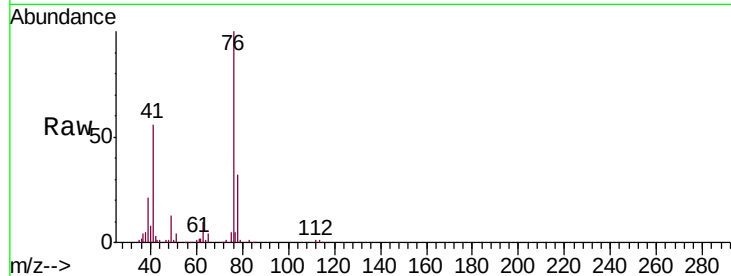




#57
 1,3-Dichloropropane
 Concen: 20.303 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

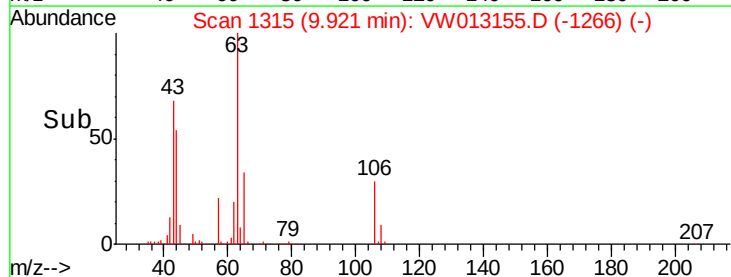
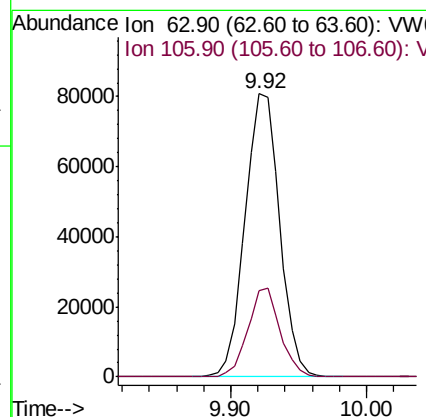
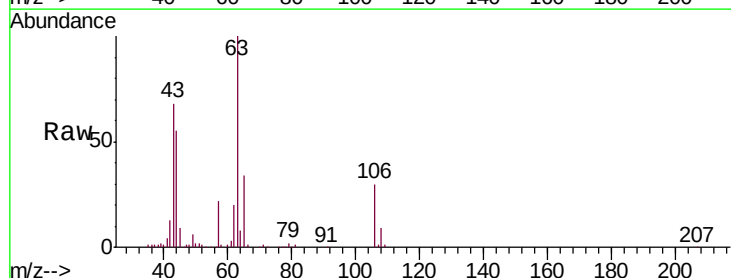
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

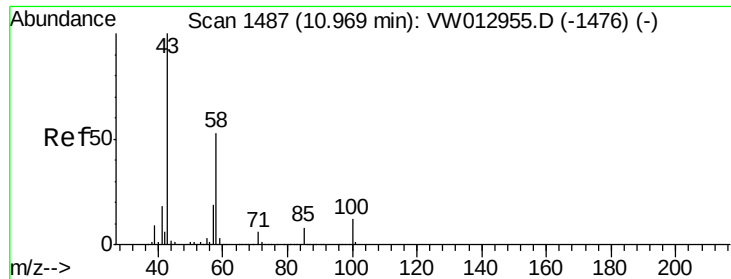
Tgt Ion: 76 Resp: 76821
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.568 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion: 63 Resp: 144109
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.2 33.2

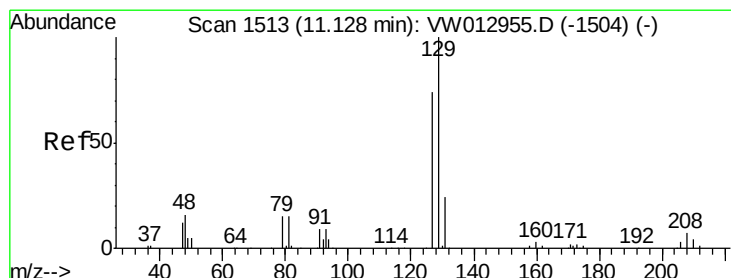
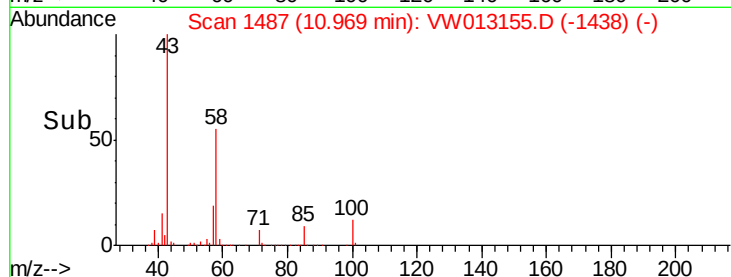
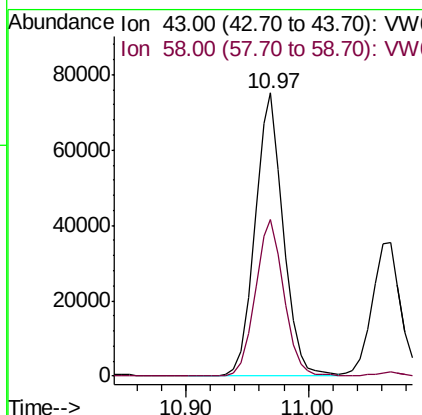
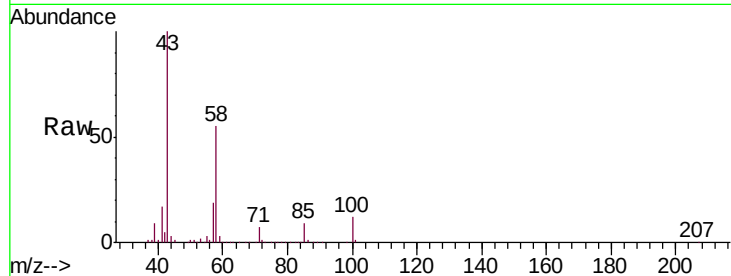




#59
2-Hexanone
Concen: 83.107 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

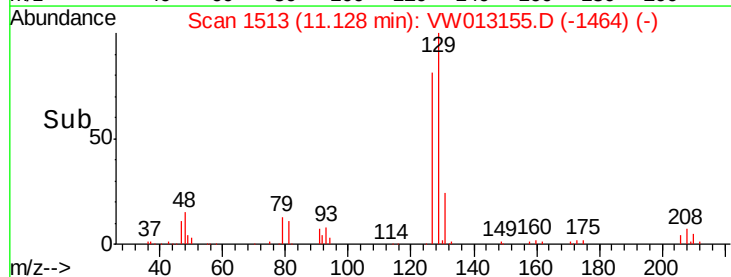
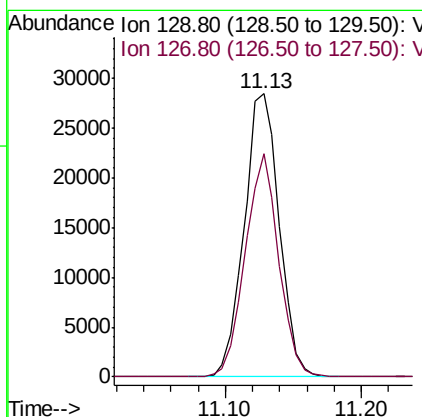
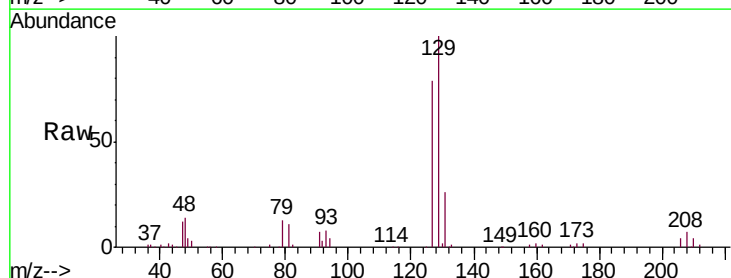
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

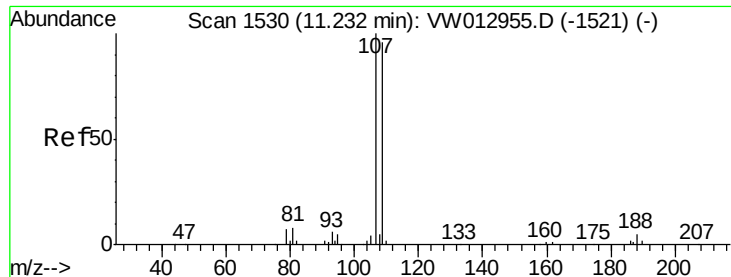
Tgt Ion: 43 Resp: 119973
Ion Ratio Lower Upper
43 100
58 56.3 25.8 77.3



#60
Dibromochloromethane
Concen: 19.906 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 129 Resp: 51335
Ion Ratio Lower Upper
129 100
127 75.5 37.4 112.2





#61

1,2-Dibromoethane

Concen: 20.860 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

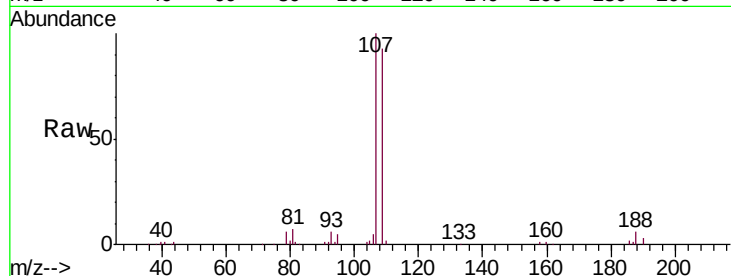
VW0919SBSD01

Tgt Ion: 107 Resp: 40589

Ion Ratio Lower Upper

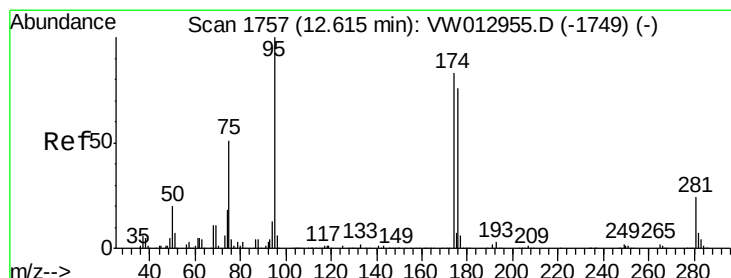
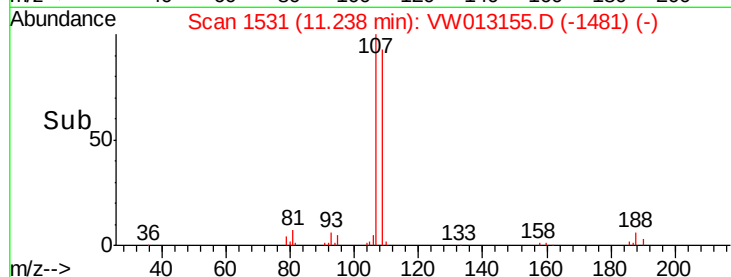
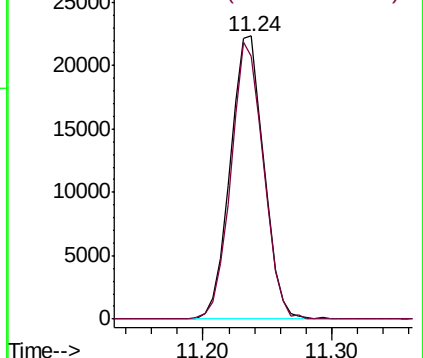
107 100

109 94.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.355 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

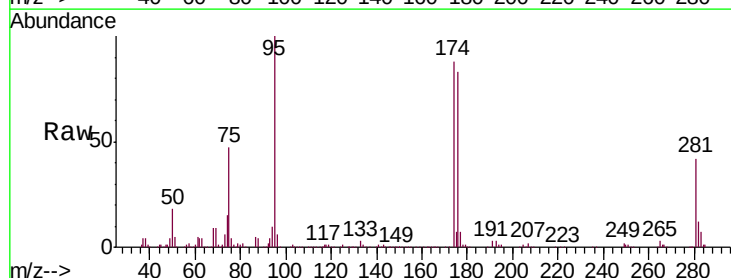
Tgt Ion: 95 Resp: 185812

Ion Ratio Lower Upper

95 100

174 89.7 0.0 170.4

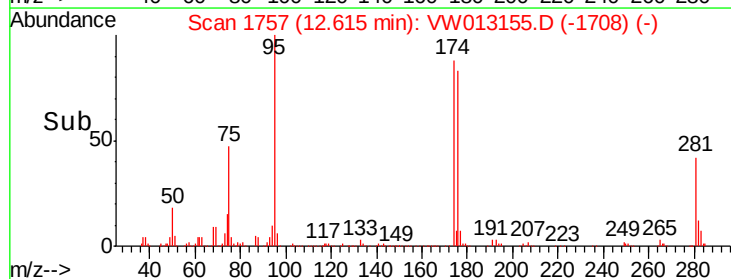
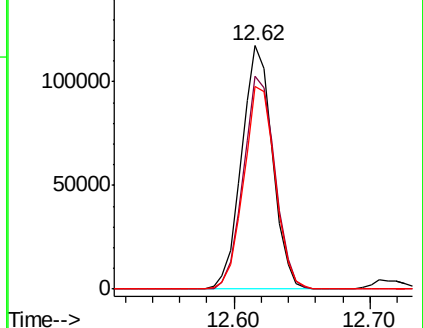
176 85.4 0.0 164.6

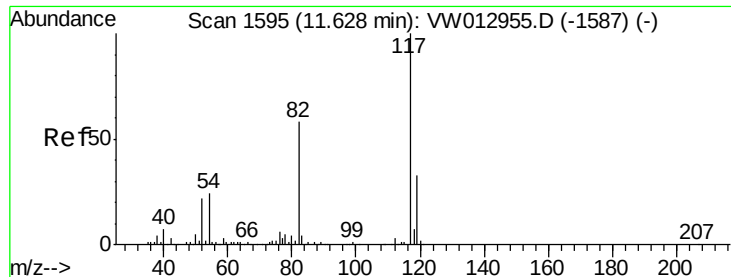


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

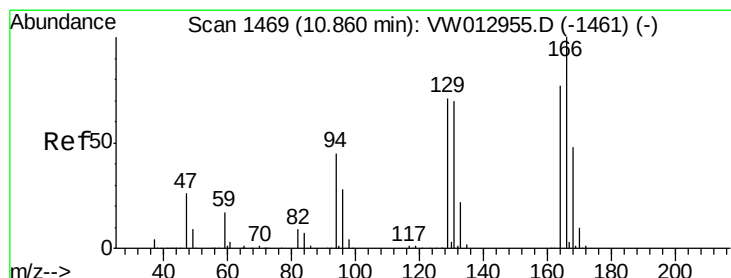
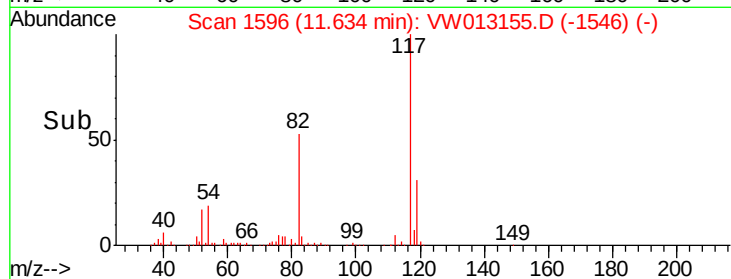
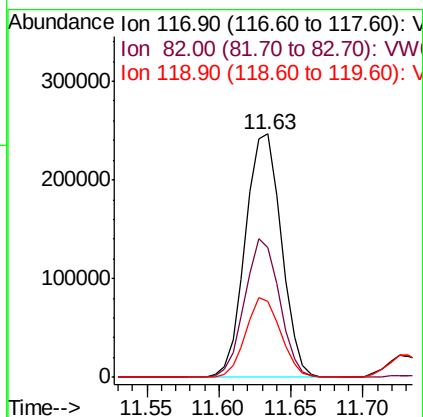
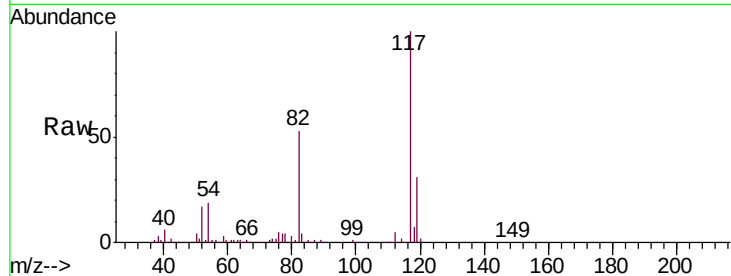




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

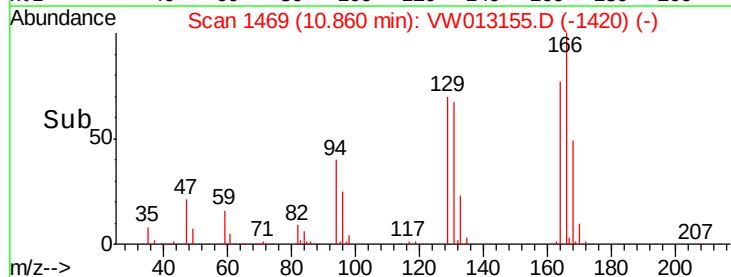
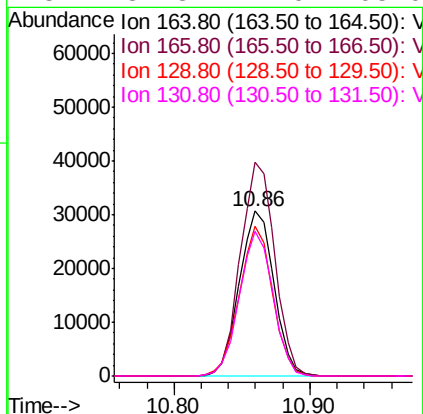
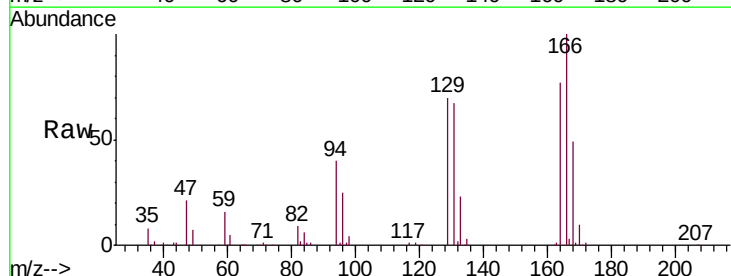
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

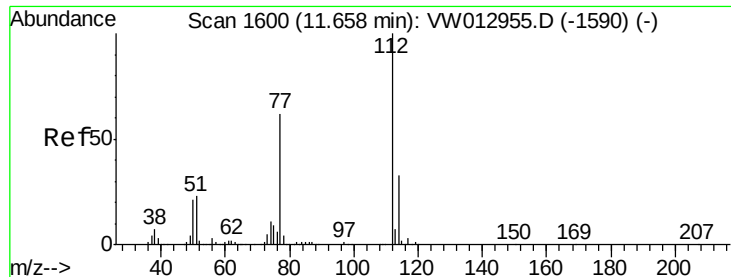
Tgt Ion:117 Resp: 426622
Ion Ratio Lower Upper
117 100
82 53.5 46.3 69.5
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 21.454 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion:164 Resp: 54449
Ion Ratio Lower Upper
164 100
166 129.4 103.3 154.9
129 91.1 73.8 110.8
131 87.3 72.0 108.0

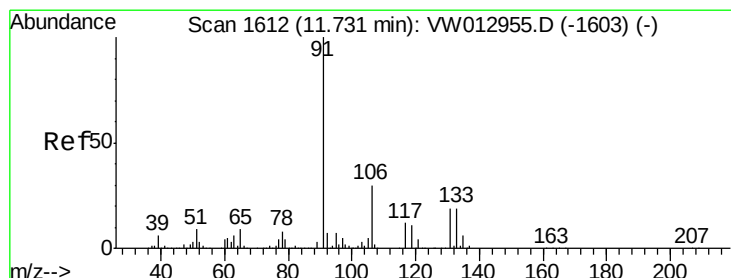
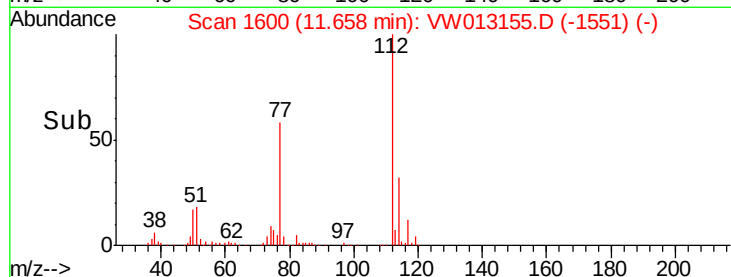
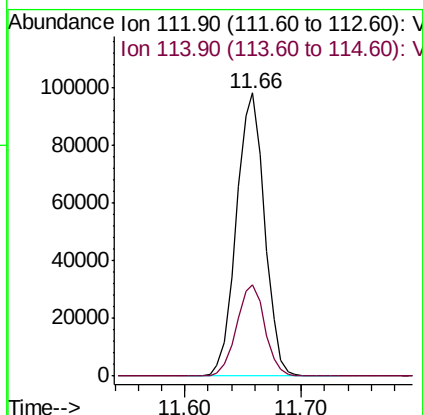
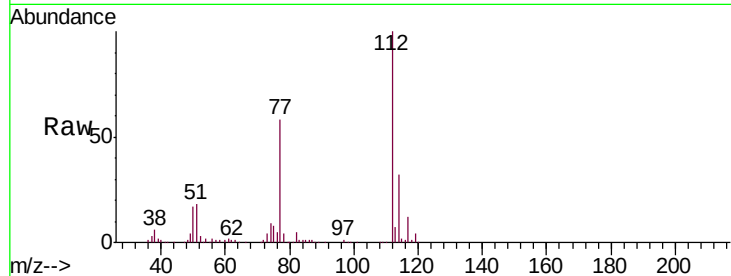




#65
Chlorobenzene
Concen: 21.745 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

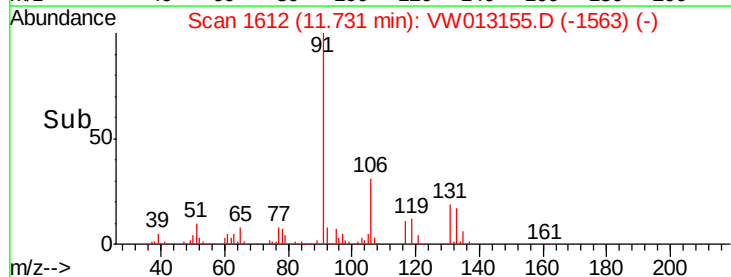
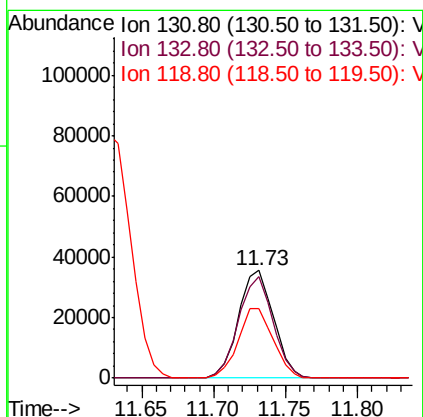
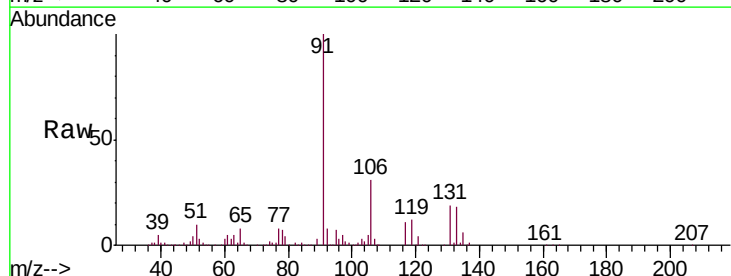
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

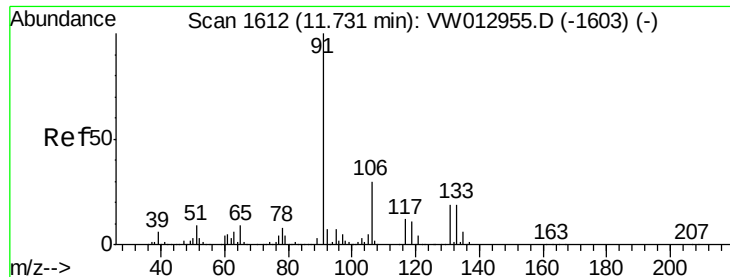
Tgt Ion:112 Resp: 165241
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.655 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion:131 Resp: 60149
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.8
119 64.6 30.9 92.7





#67

Ethyl Benzene

Concen: 21.461 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

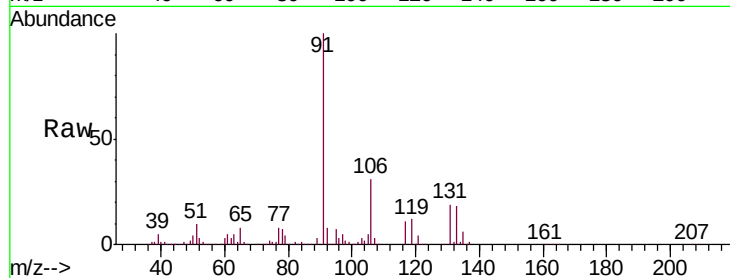
VW0919SBSD01

Tgt Ion: 91 Resp: 301199

Ion Ratio Lower Upper

91 100

106 31.1 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.73

200000

150000

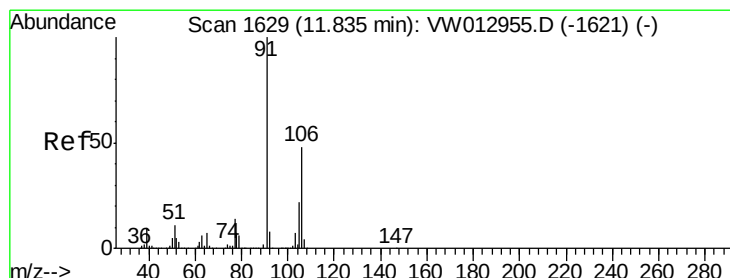
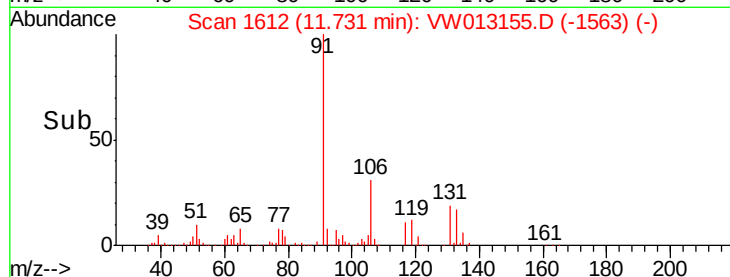
100000

50000

0

Time-->

11.65 11.70 11.75 11.80



#68

m/p-Xylenes

Concen: 44.186 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW013155.D

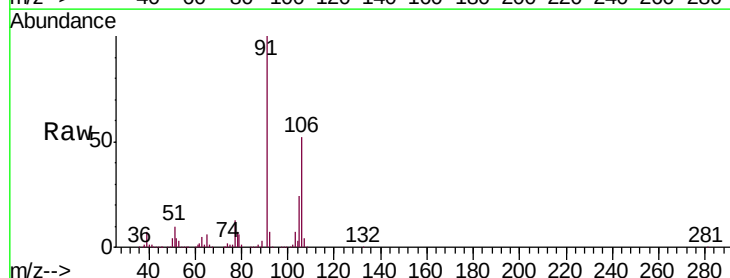
Acq: 19 Sep 2019 12:42

Tgt Ion: 106 Resp: 226546

Ion Ratio Lower Upper

106 100

91 199.4 165.8 248.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

11.84

250000

200000

150000

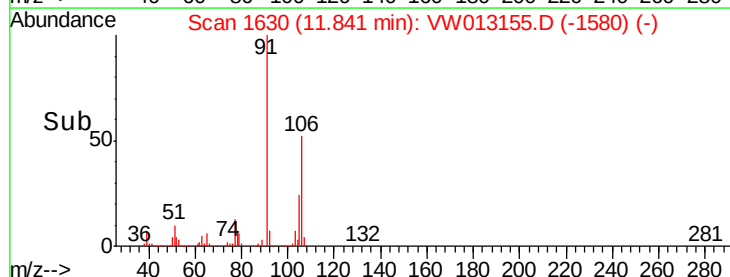
100000

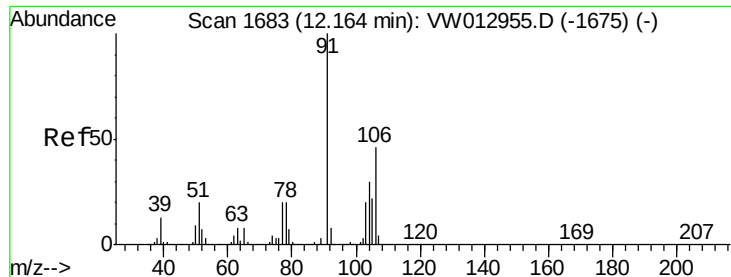
50000

0

Time-->

11.80 11.85 11.90

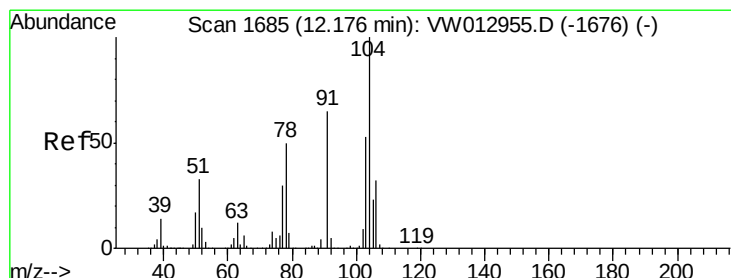
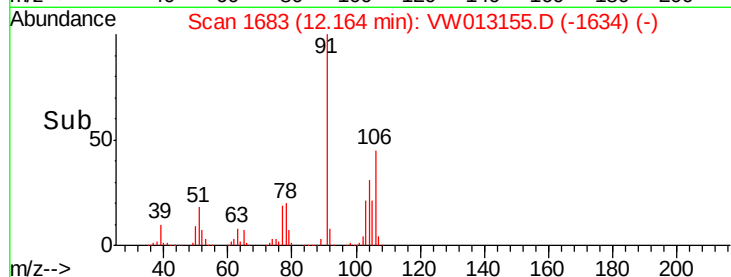
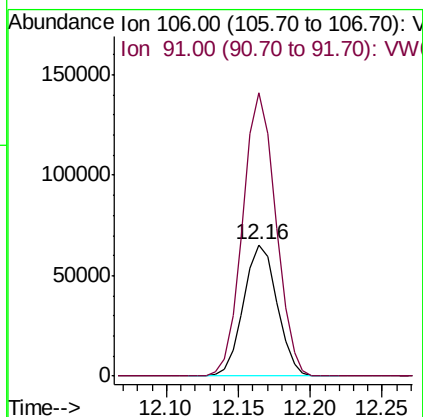
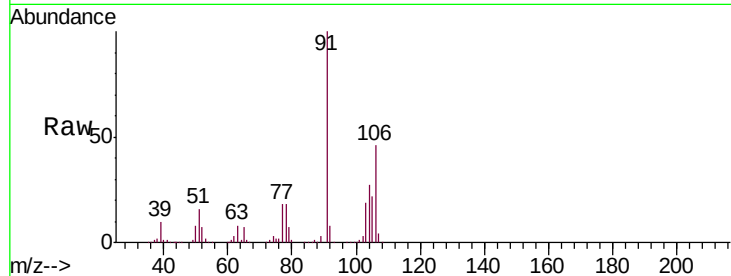




#69
o-Xylene
Concen: 21.979 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

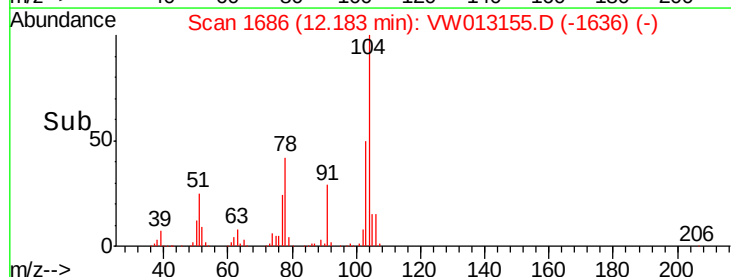
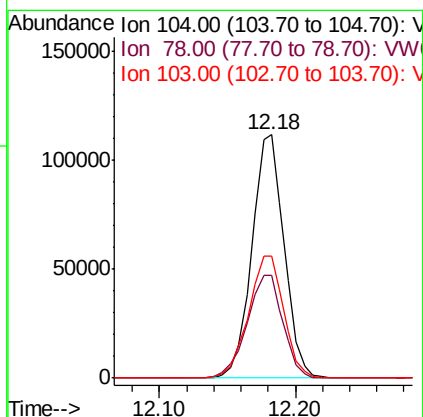
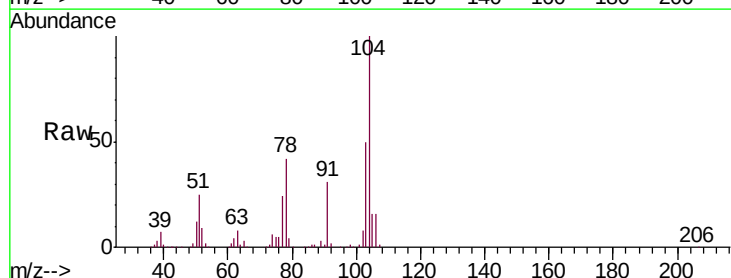
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

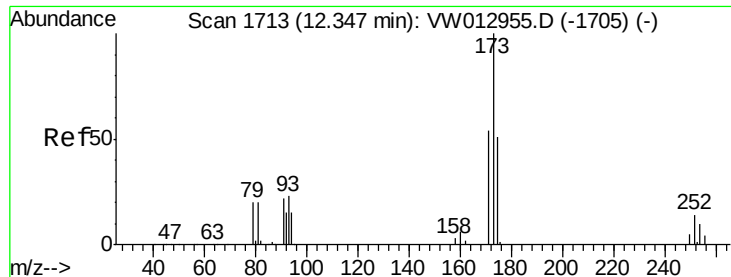
Tgt Ion:106 Resp: 105645
Ion Ratio Lower Upper
106 100
91 213.1 109.7 329.0



#70
Styrene
Concen: 21.681 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion:104 Resp: 185387
Ion Ratio Lower Upper
104 100
78 47.1 42.1 63.1
103 55.1 44.2 66.4





#71

Bromoform

Concen: 18.980 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

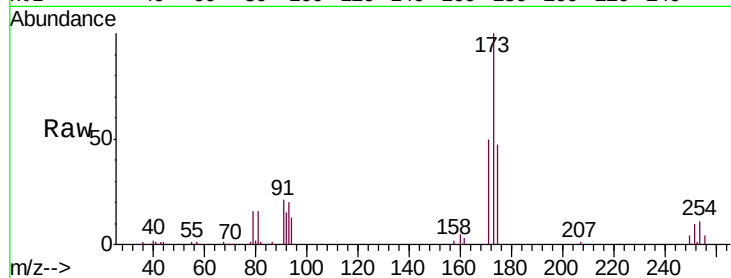
Tgt Ion:173 Resp: 29032

Ion Ratio Lower Upper

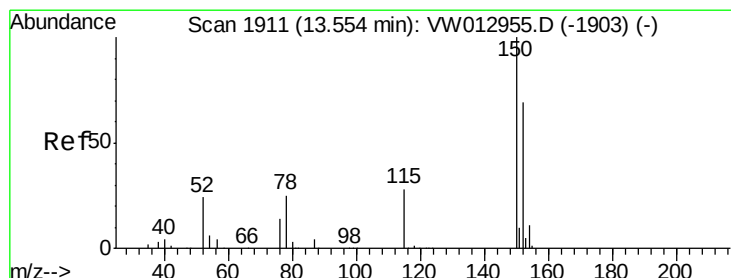
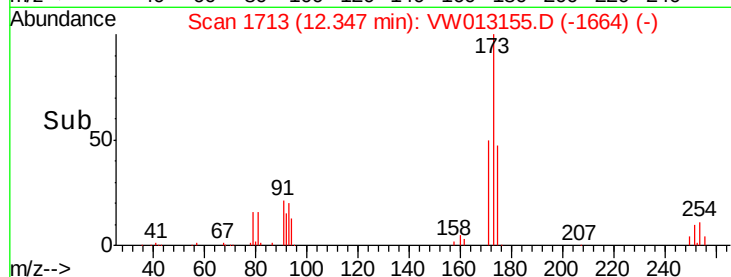
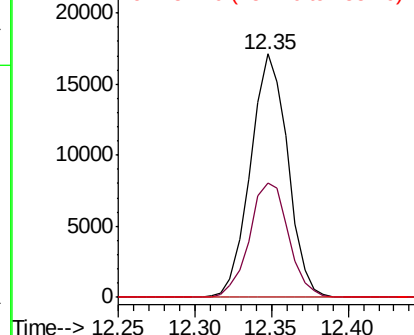
173 100

175 49.2 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: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

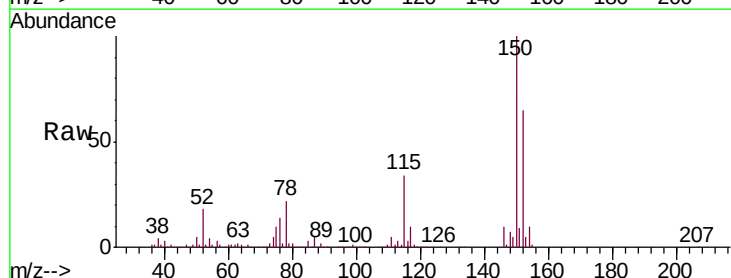
Tgt Ion:152 Resp: 219524

Ion Ratio Lower Upper

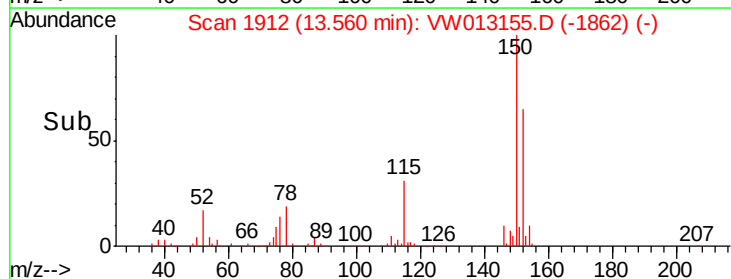
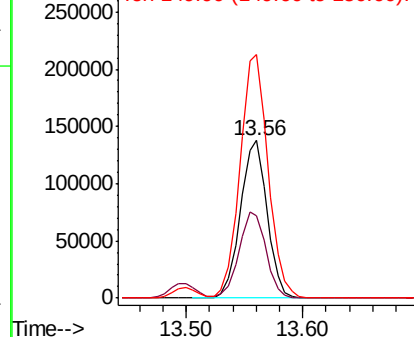
152 100

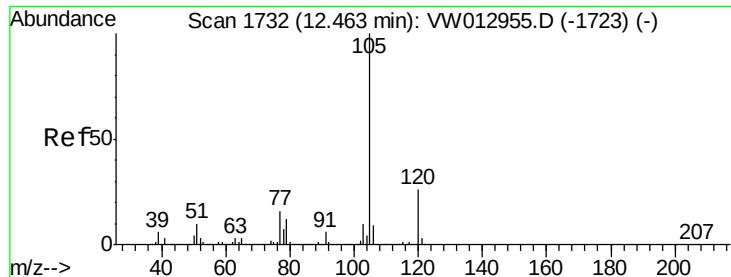
115 55.3 28.8 86.4

150 163.1 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

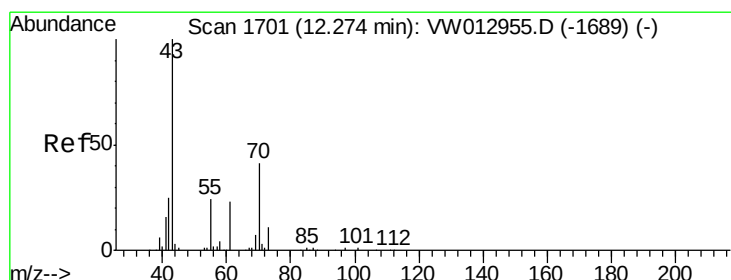
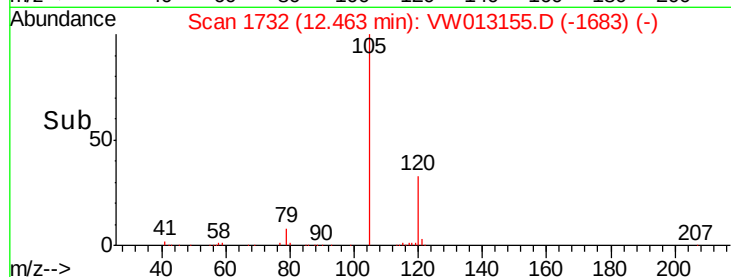
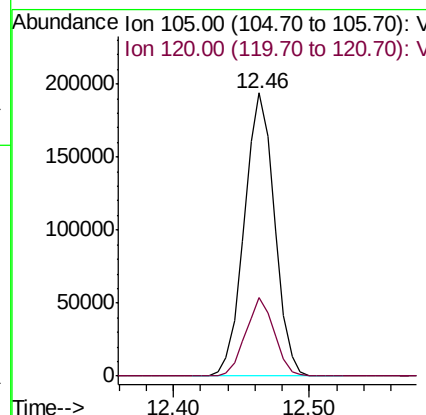
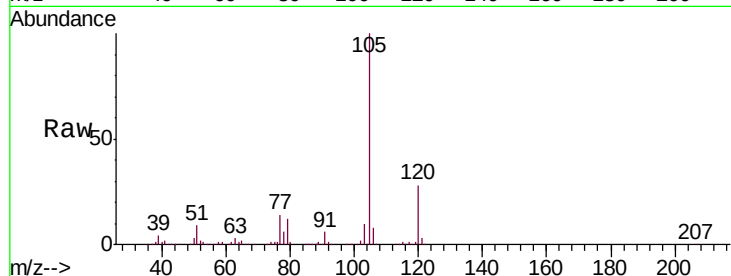




#73
Isopropylbenzene
Concen: 20.710 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

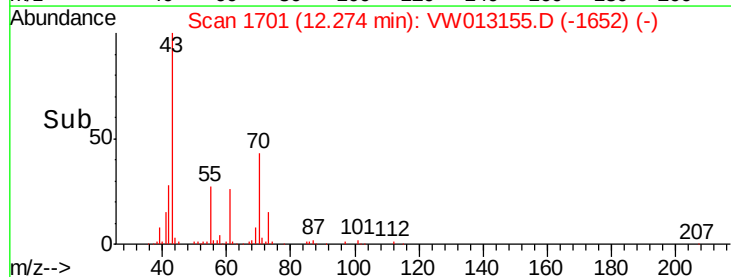
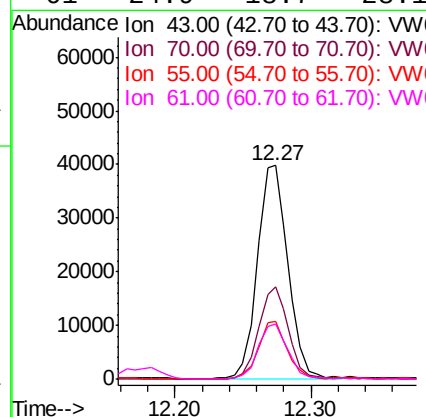
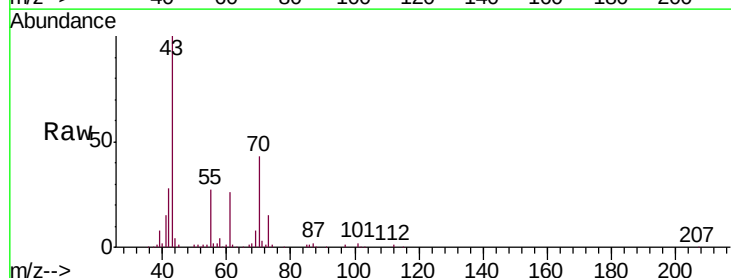
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

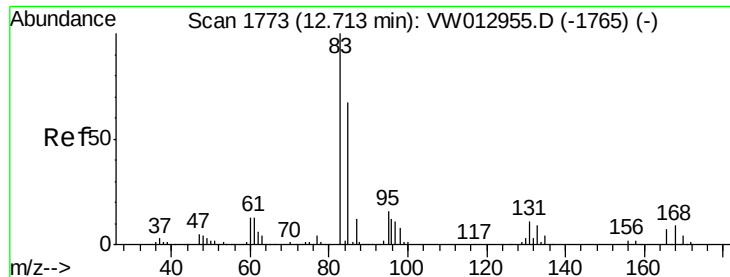
Tgt Ion: 105 Resp: 301350
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 16.839 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 43 Resp: 63027
Ion Ratio Lower Upper
43 100
70 41.9 31.7 47.5
55 25.4 19.4 29.2
61 24.9 18.7 28.1

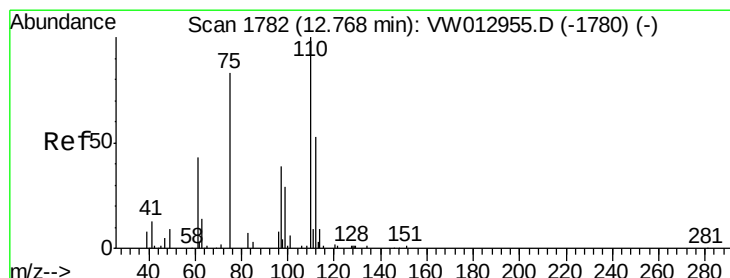
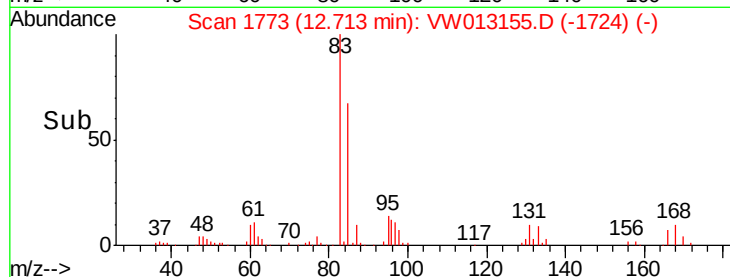
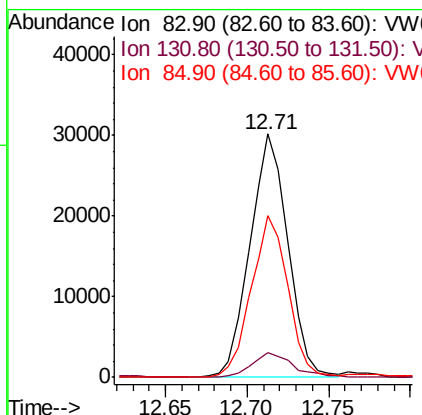
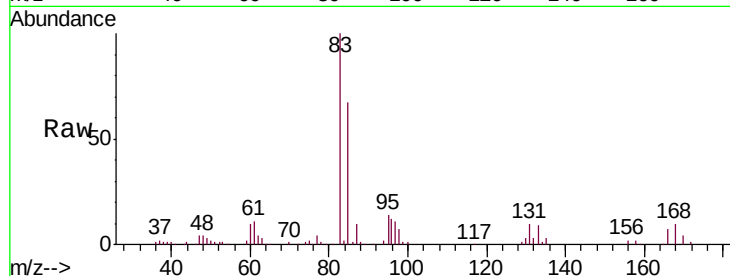




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.108 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

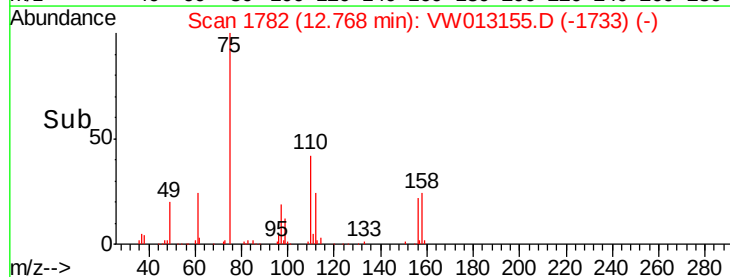
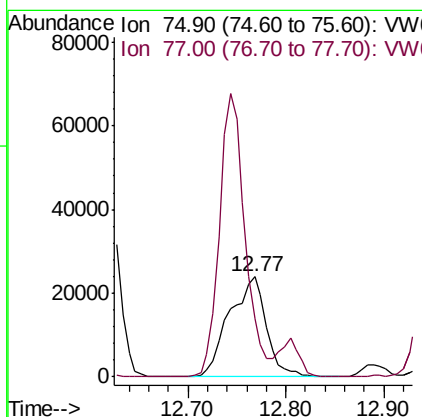
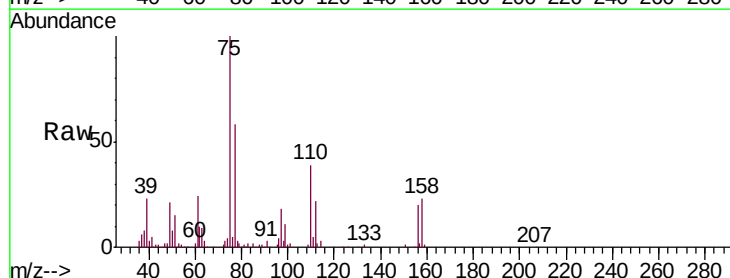
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

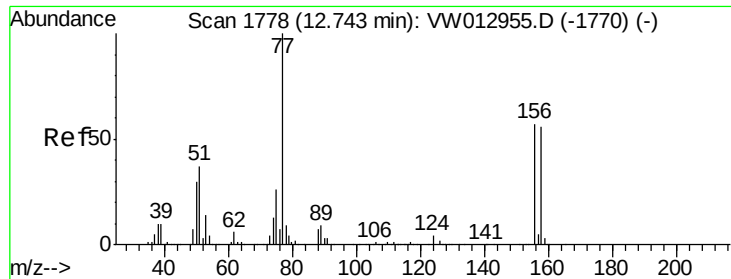
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.1
85	64.4	31.4	94.3



#76
 1,2,3-Trichloropropane
 Concen: 32.635 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.066 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampled :

VW0919SBSD01

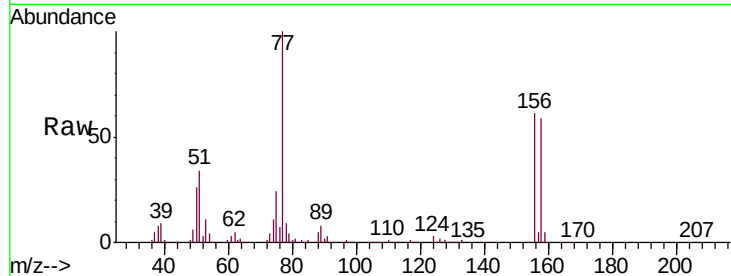
Tgt Ion:156 Resp: 70616

Ion Ratio Lower Upper

156 100

77 175.6 95.2 285.6

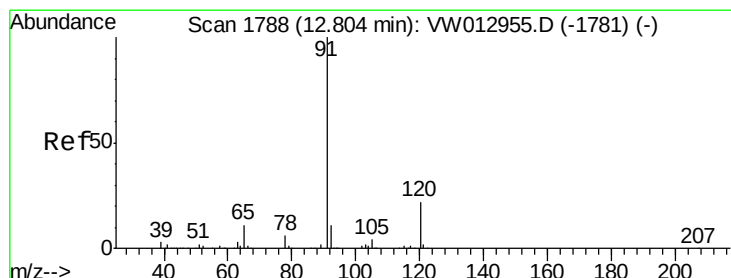
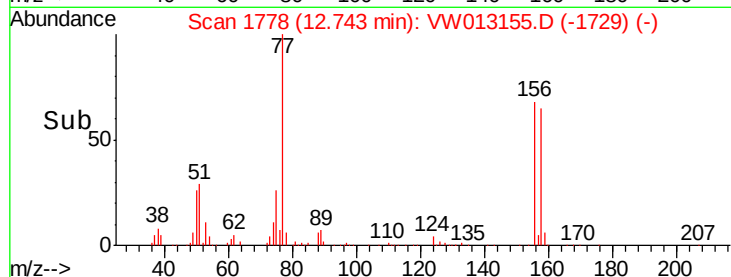
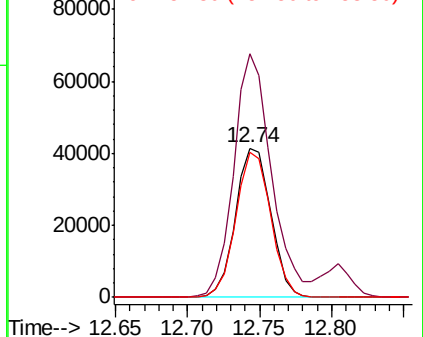
158 95.7 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.285 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013155.D

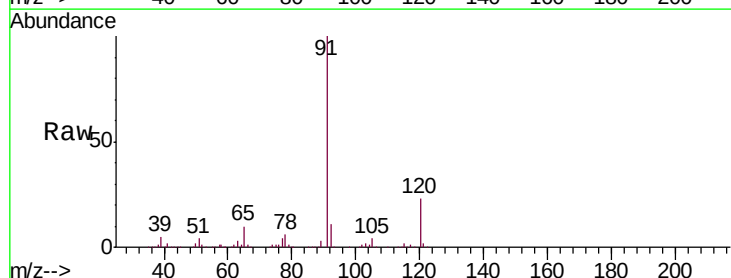
Acq: 19 Sep 2019 12:42

Tgt Ion: 91 Resp: 347198

Ion Ratio Lower Upper

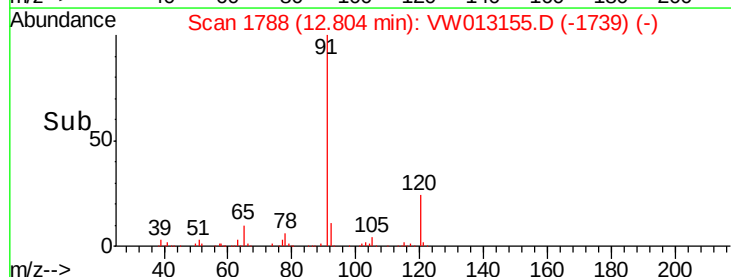
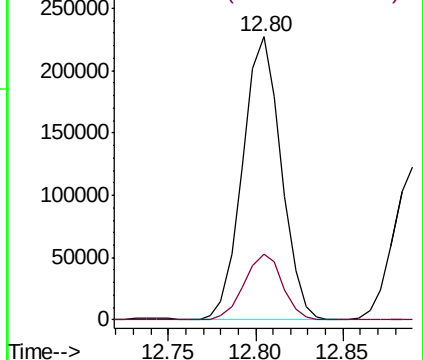
91 100

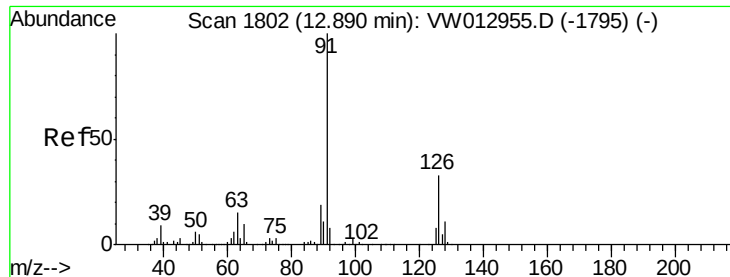
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.138 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

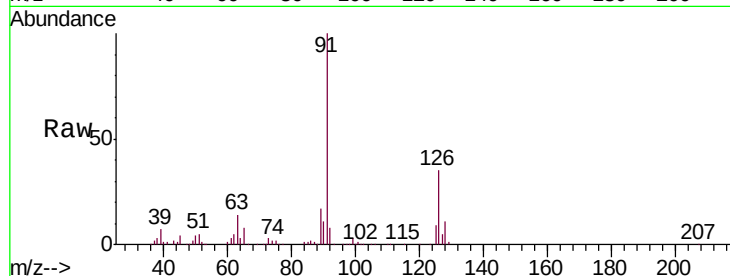
VW0919SBSD01

Tgt Ion: 91 Resp: 198144

Ion Ratio Lower Upper

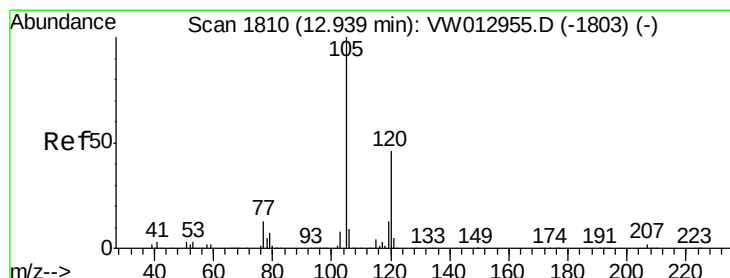
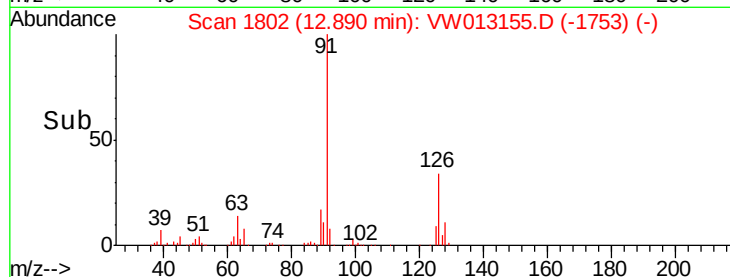
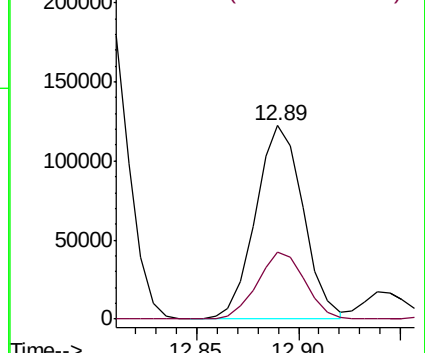
91 100

126 34.9 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: 20.331 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013155.D

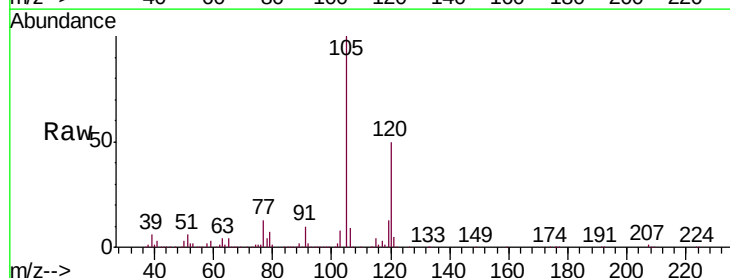
Acq: 19 Sep 2019 12:42

Tgt Ion: 105 Resp: 250266

Ion Ratio Lower Upper

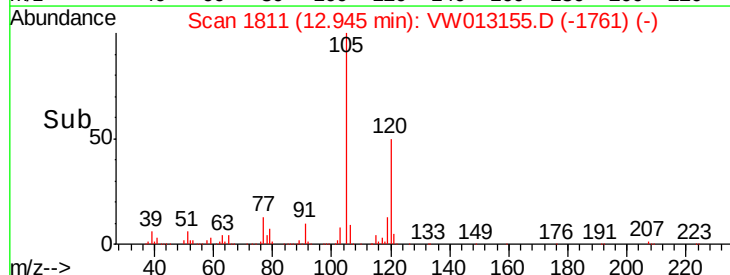
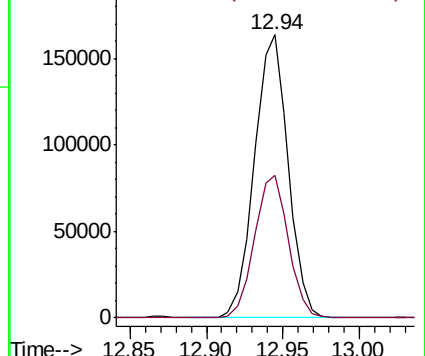
105 100

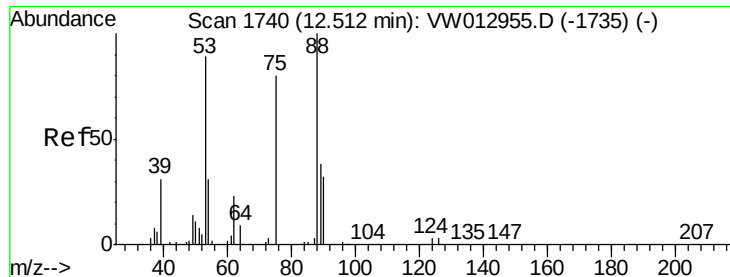
120 50.7 24.2 72.6



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: 17.932 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013155.D

Acq: 19 Sep 2019 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0919SBSD01

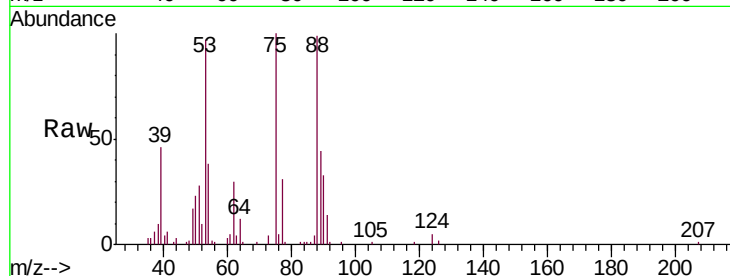
Tgt Ion: 75 Resp: 15200

Ion Ratio Lower Upper

75 100

53 97.8 85.6 128.4

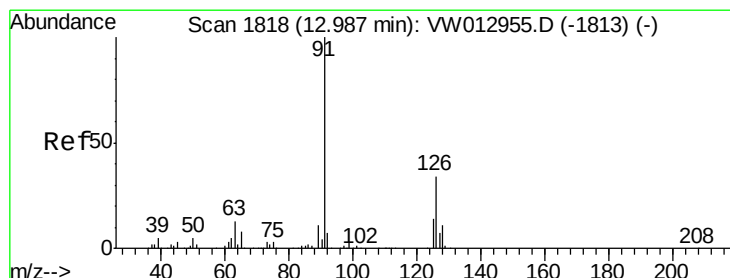
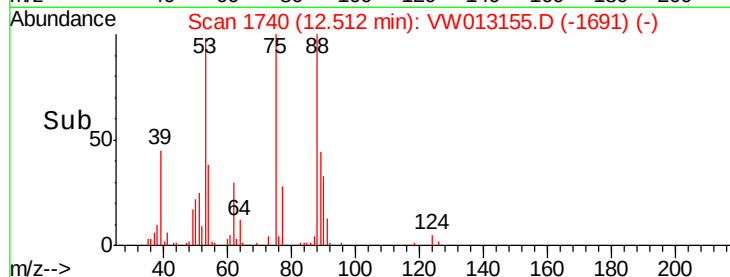
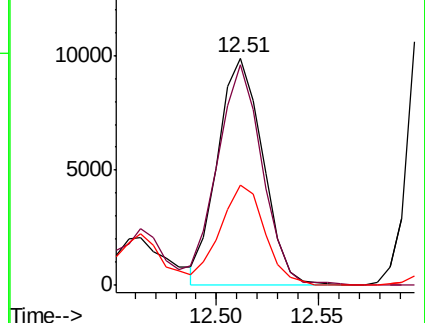
89 43.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.351 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013155.D

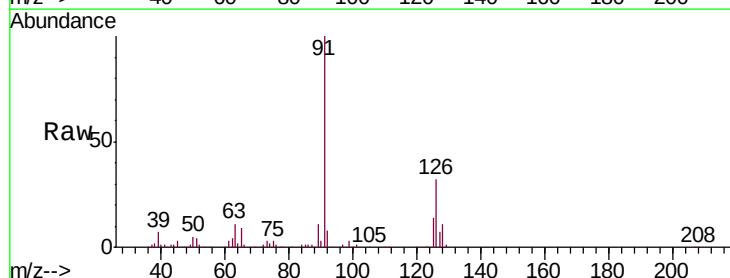
Acq: 19 Sep 2019 12:42

Tgt Ion: 91 Resp: 211277

Ion Ratio Lower Upper

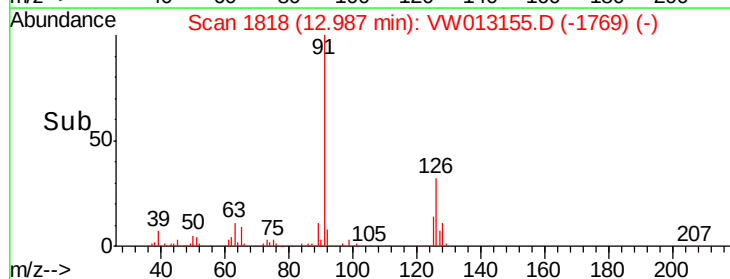
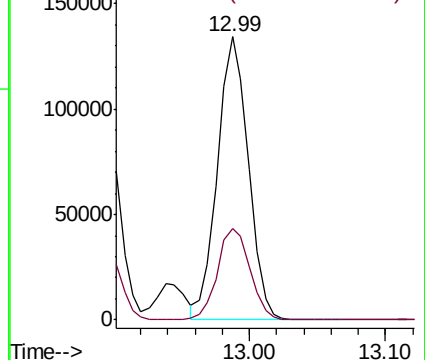
91 100

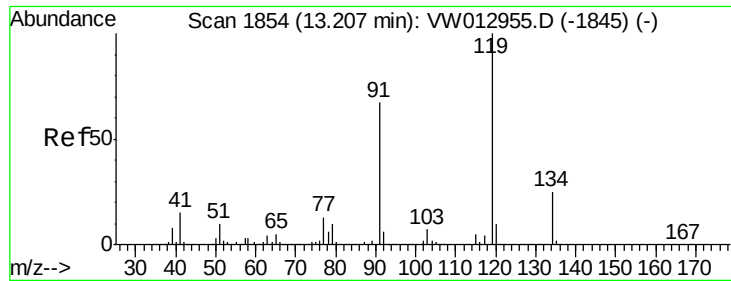
126 34.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

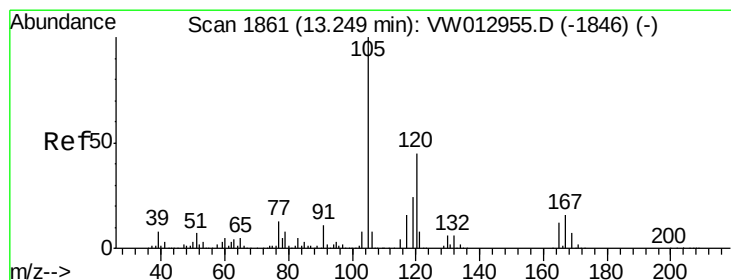
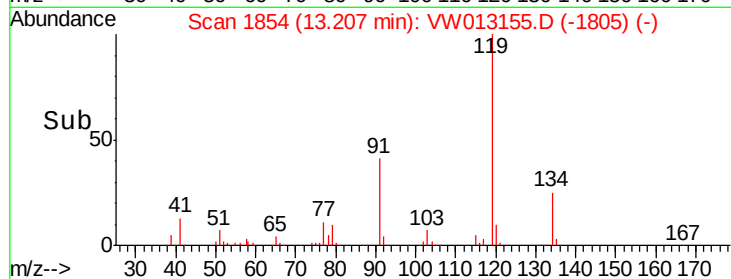
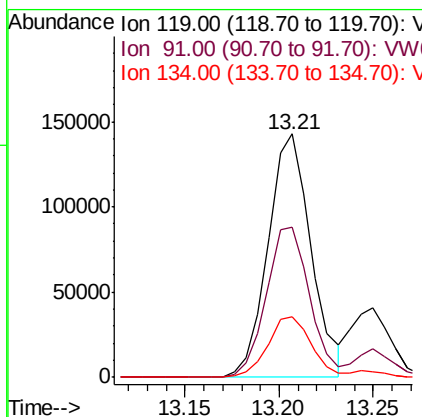
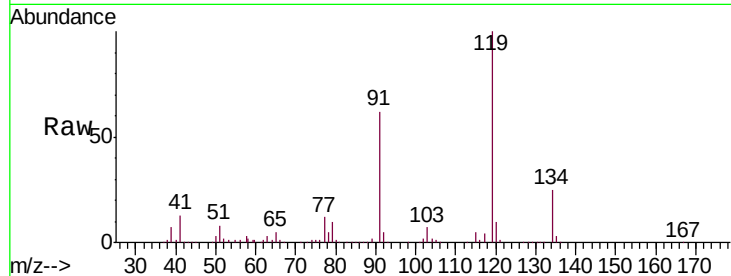




#83
 tert-Butylbenzene
 Concen: 20.570 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

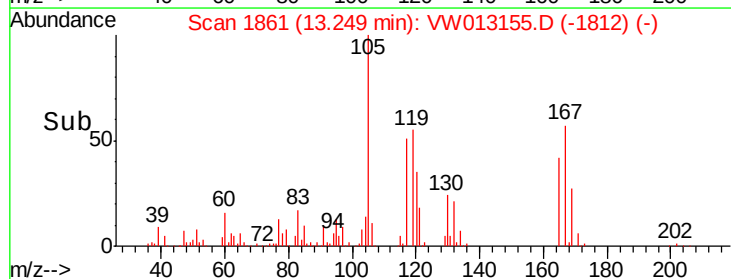
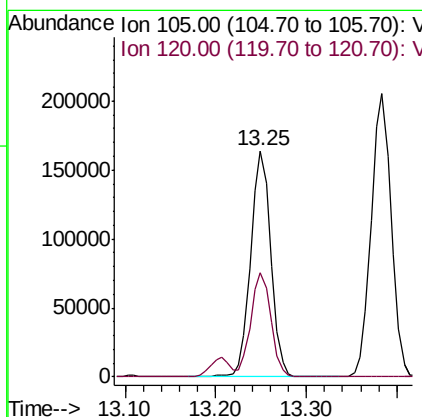
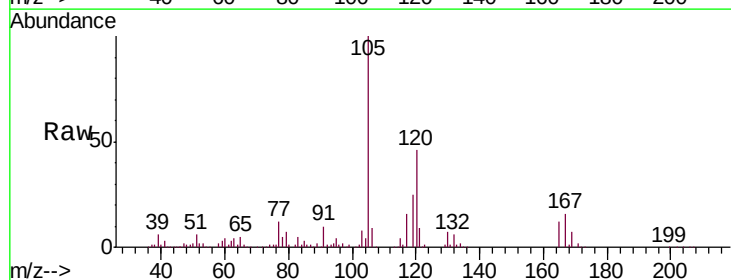
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

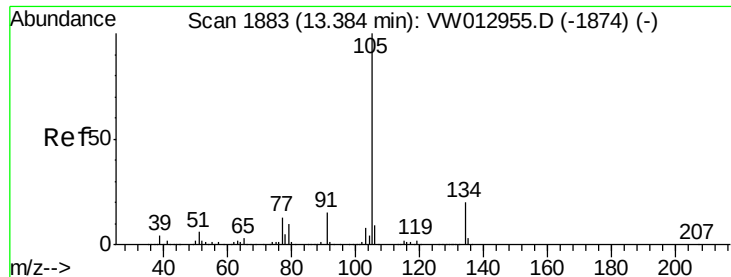
Tgt Ion:119 Resp: 226491
 Ion Ratio Lower Upper
 119 100
 91 62.2 32.6 98.0
 134 25.5 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.826 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion:105 Resp: 253333
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.9 65.7

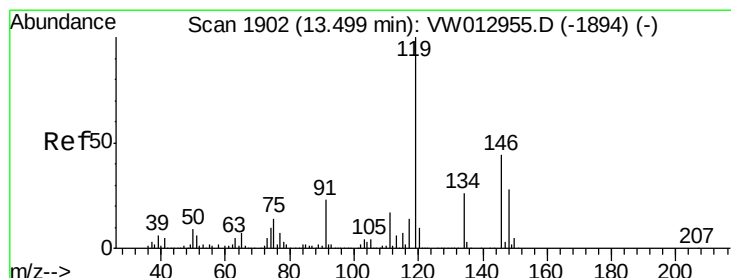
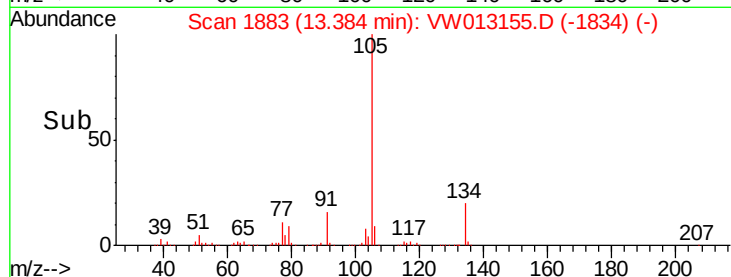
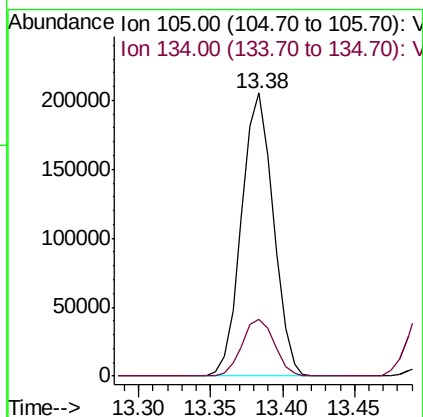
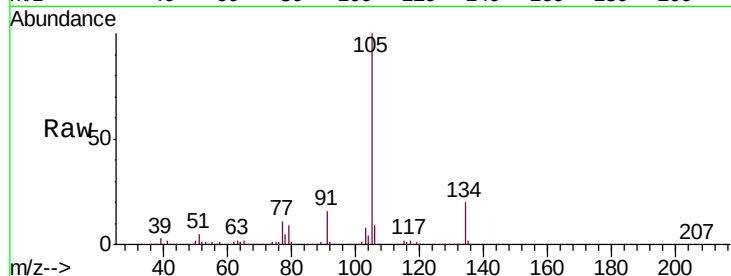




#85
 sec-Butylbenzene
 Concen: 20.983 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

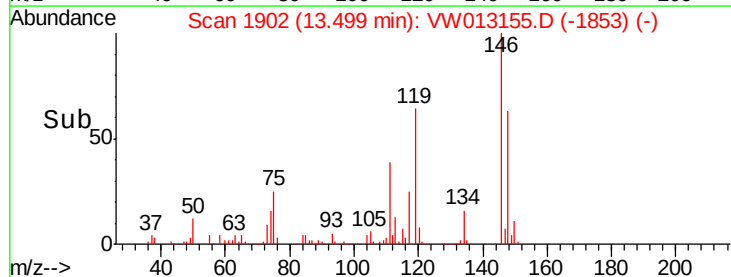
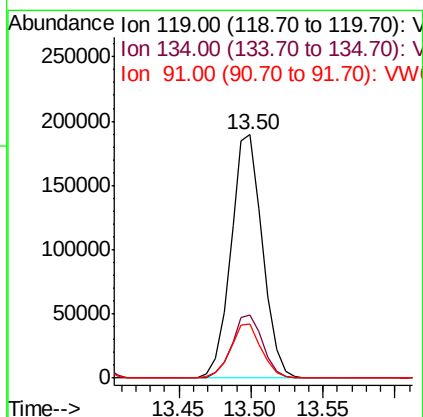
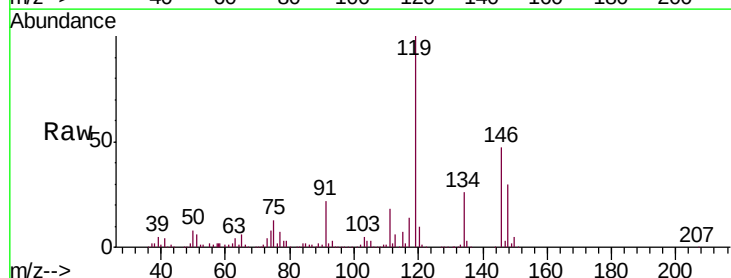
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

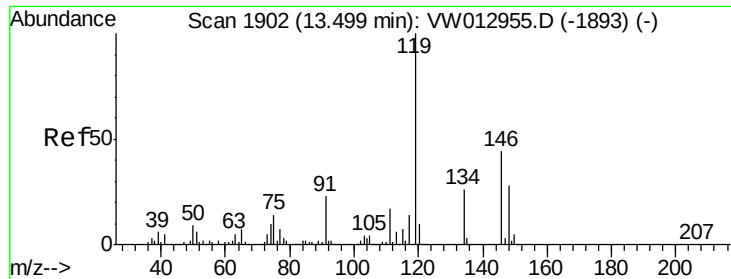
Tgt Ion:105 Resp: 314778
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.865 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion:119 Resp: 287370
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 22.1 11.8 35.4

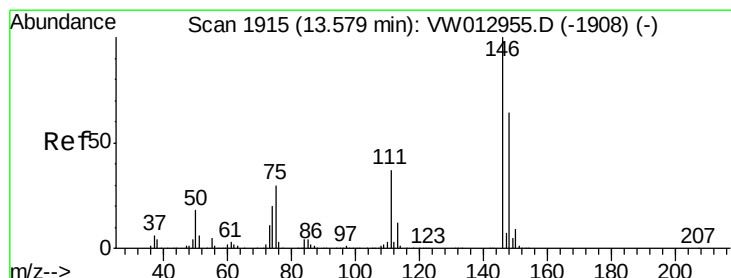
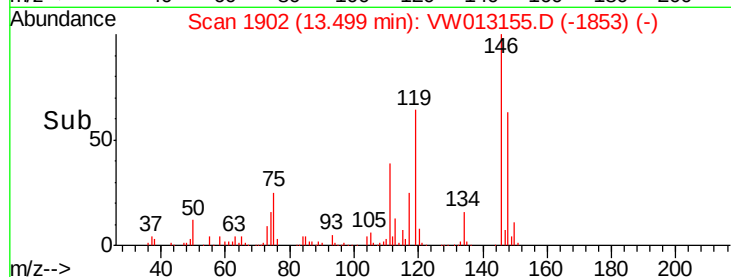
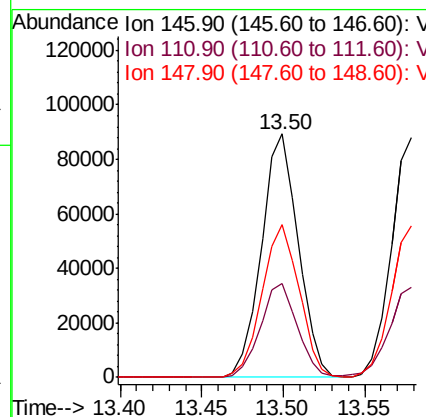
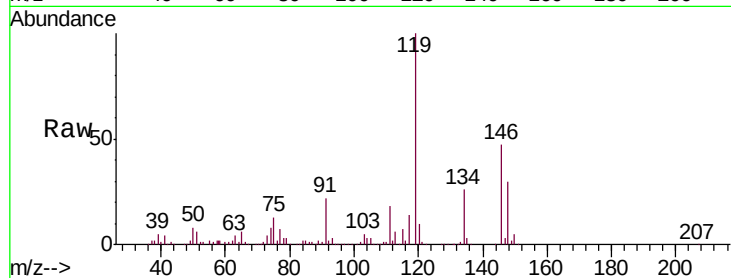




#87
 1,3-Dichlorobenzene
 Concen: 21.074 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

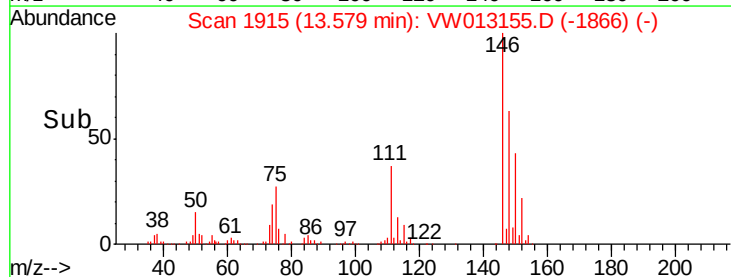
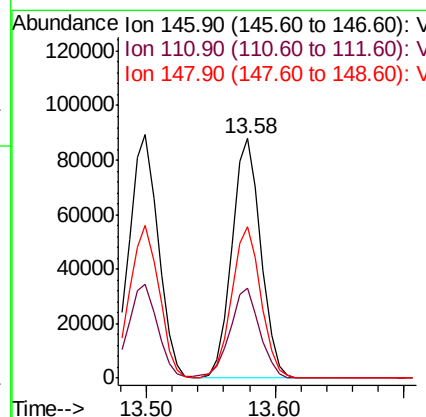
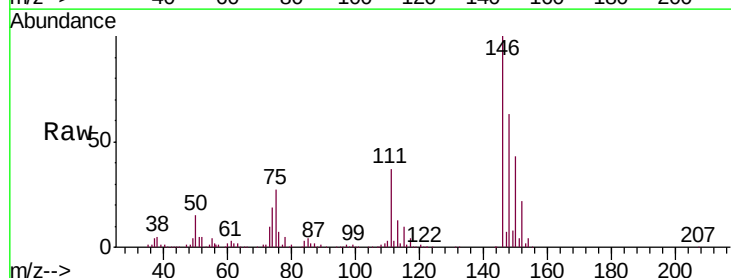
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

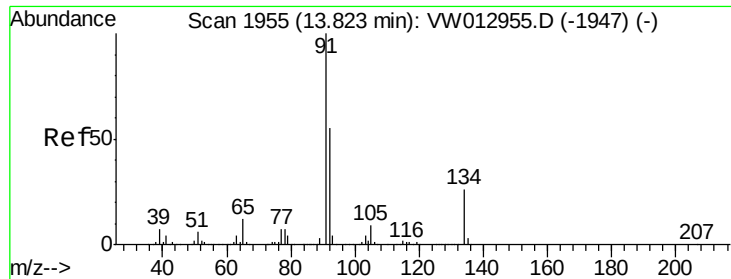
Tgt Ion:146 Resp: 139842
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.8 59.4
 148 63.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.233 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion:146 Resp: 138459
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 64.0 31.9 95.5

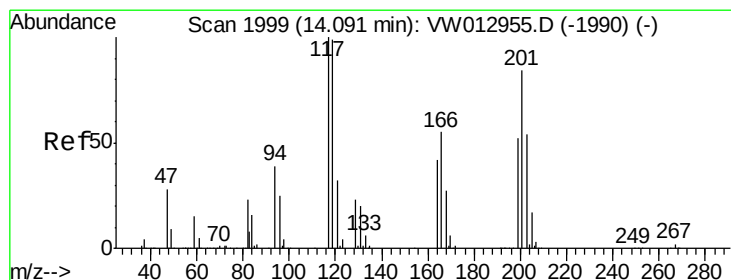
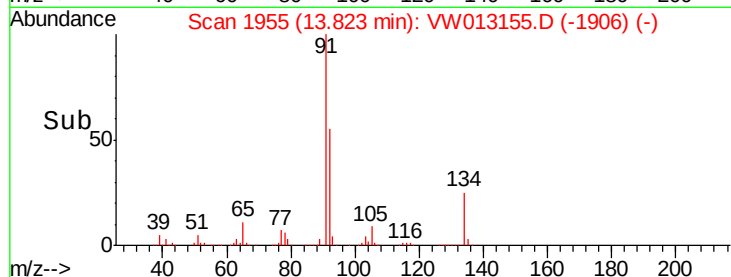
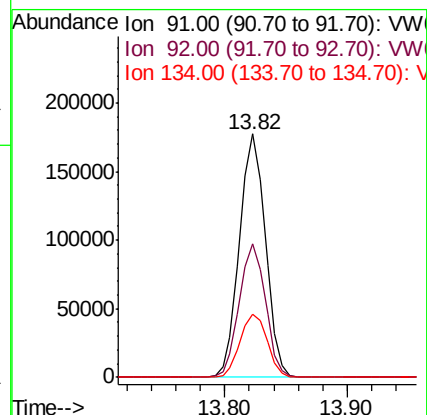
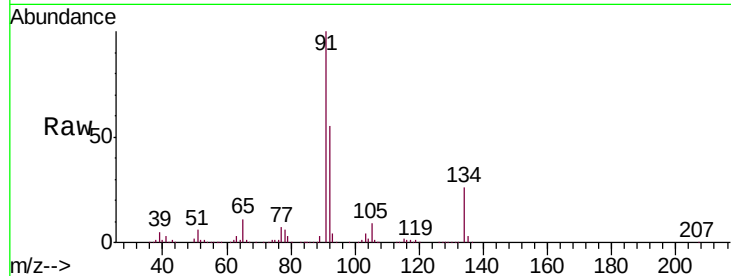




#89
n-Butylbenzene
Concen: 20.045 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

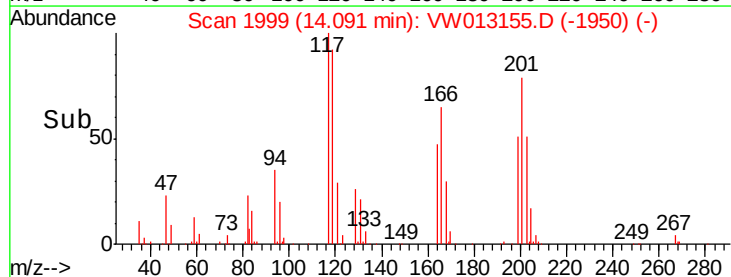
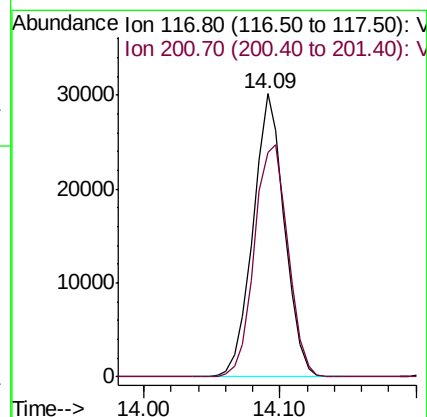
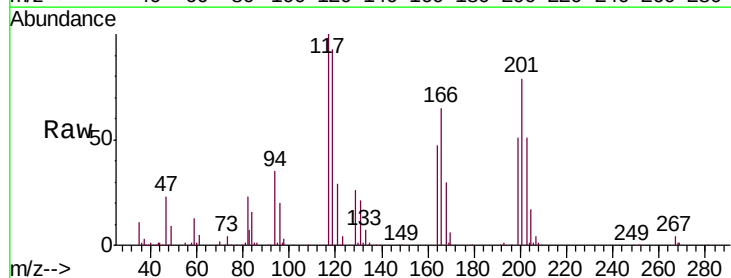
Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

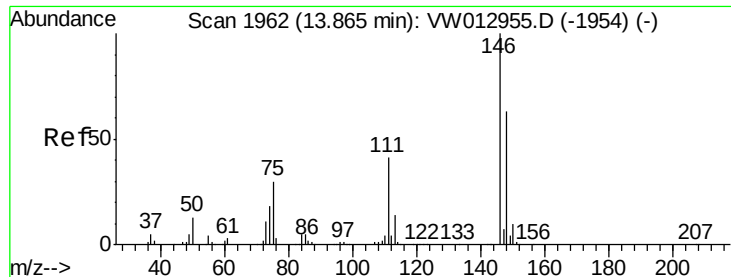
Tgt Ion: 91 Resp: 260372
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.5
134 27.1 13.1 39.1



#90
Hexachloroethane
Concen: 19.820 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion: 117 Resp: 48919
Ion Ratio Lower Upper
117 100
201 87.6 45.3 135.9

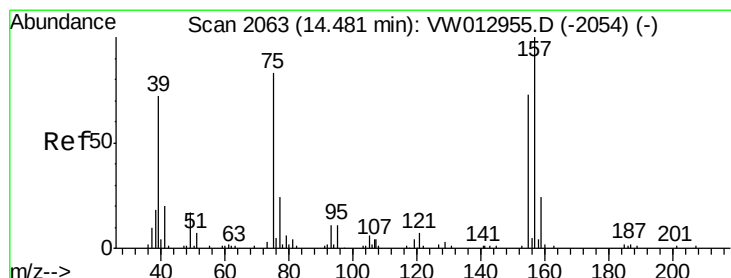
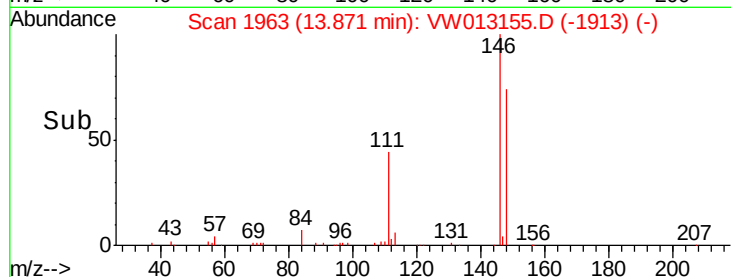
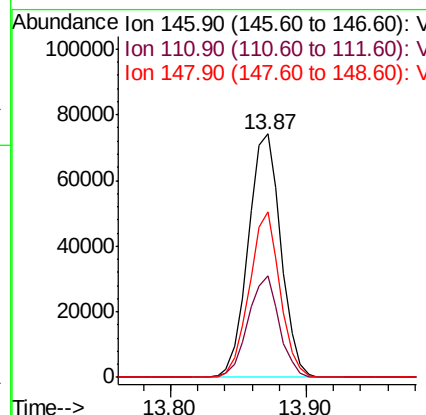
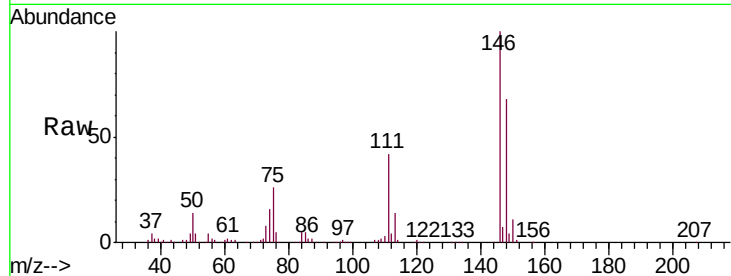




#91
 1,2-Dichlorobenzene
 Concen: 21.328 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

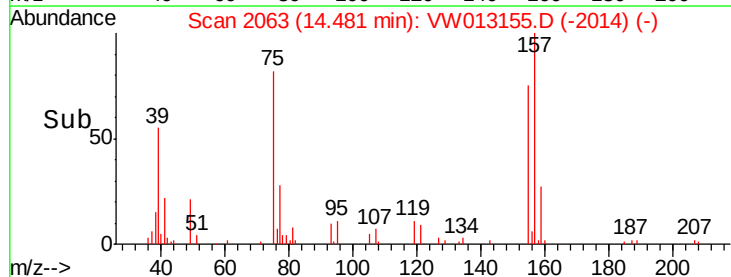
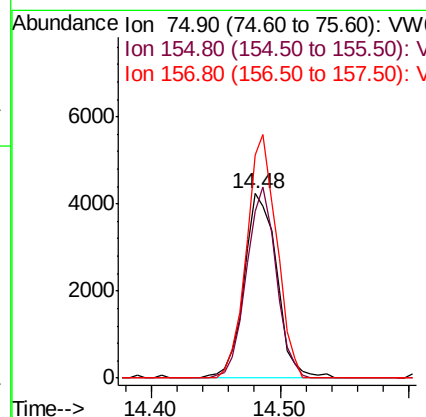
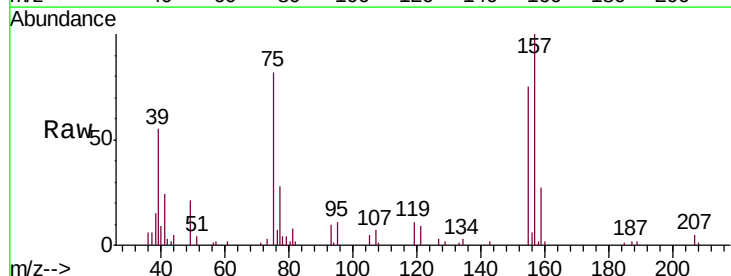
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

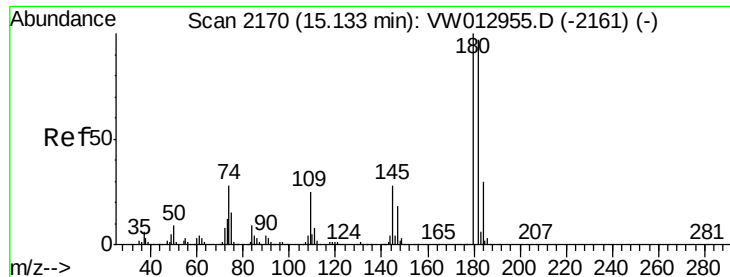
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.8	62.5
148	63.9	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.868 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	43.3	129.9
157	120.9	54.7	164.1

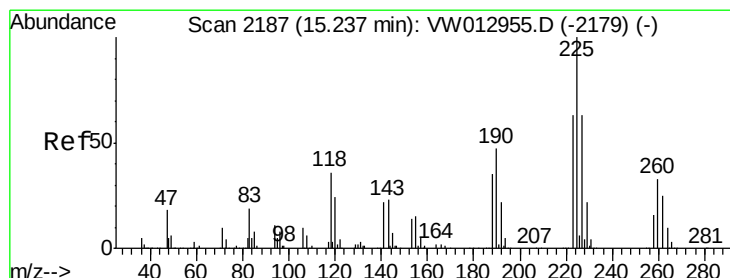
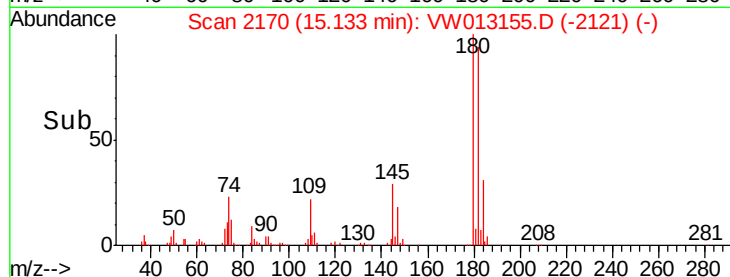
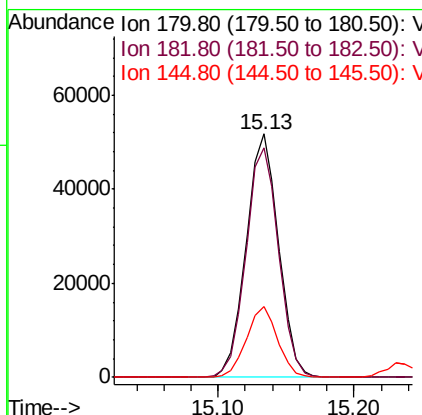
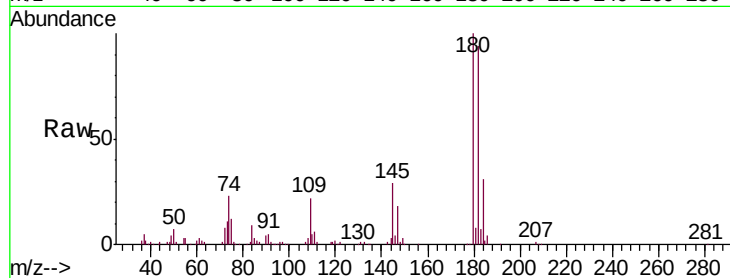




#93
 1,2,4-Trichlorobenzene
 Concen: 20.775 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

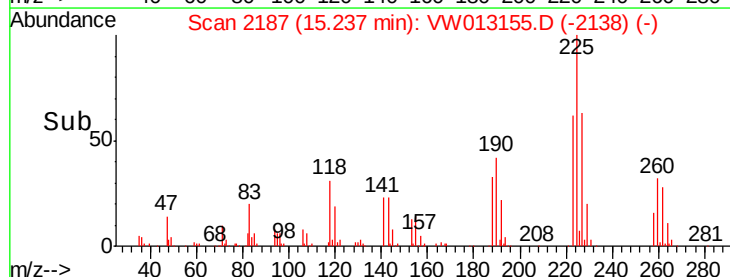
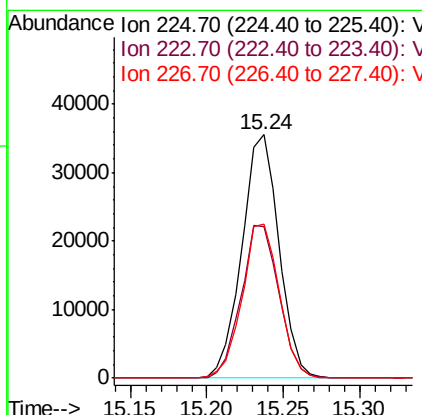
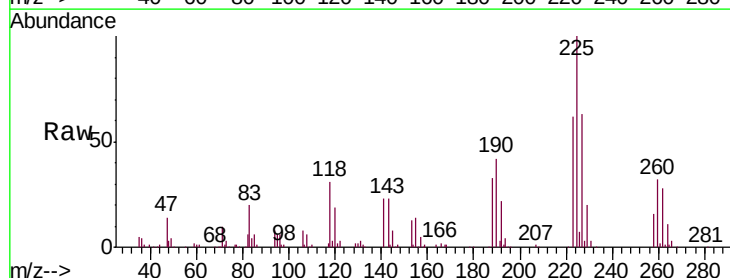
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBSD01

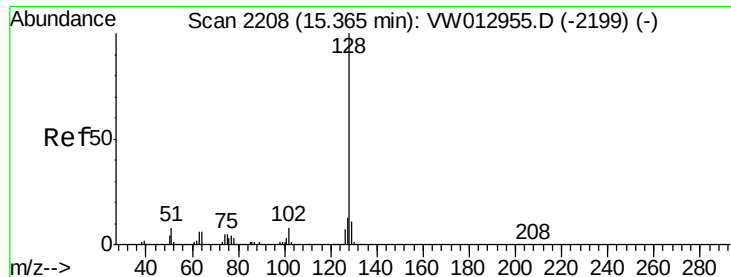
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	28.0	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 20.291 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013155.D
 Acq: 19 Sep 2019 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.8	95.3
227	63.3	31.3	93.8

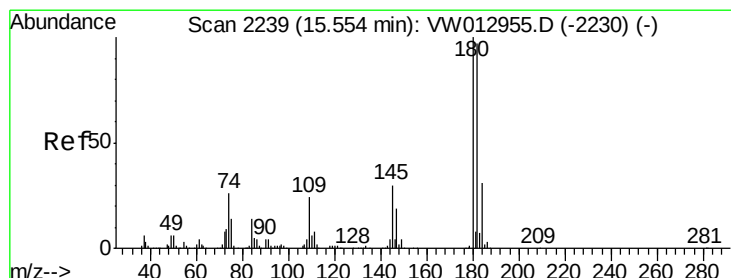
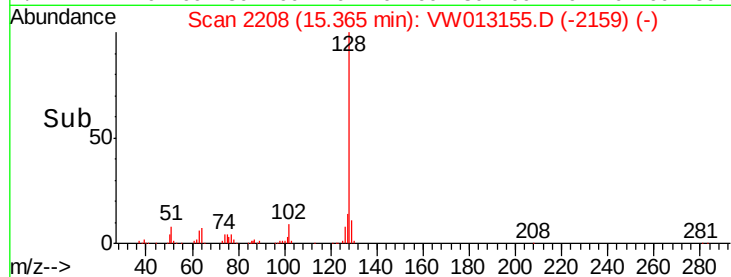
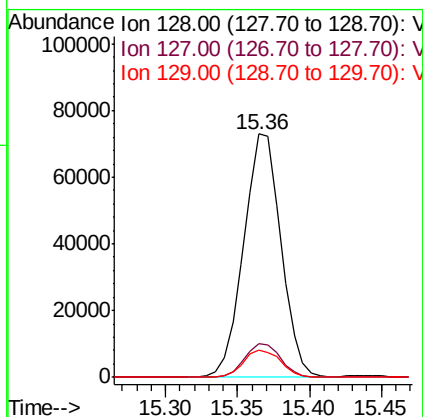
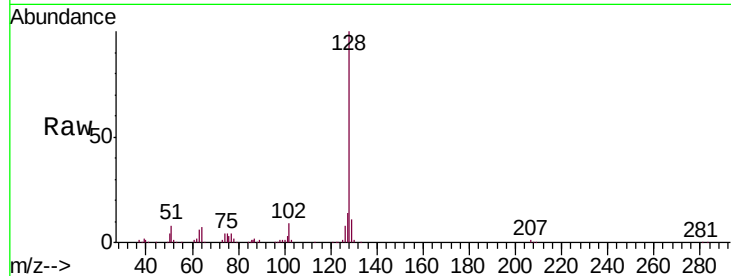




#95
Naphthalene
Concen: 18.810 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Tgt Ion:128 Resp: 130798
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.055 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013155.D
Acq: 19 Sep 2019 12:42

Tgt Ion:180 Resp: 73779
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 29.7 15.4 46.2

