

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012611.D
 Acq On : 05 Sep 2019 01:49
 Operator : SY/VA
 Sample : VW0904SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Quant Time: Sep 05 07:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148734	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141629	59.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.50%	
35) Dibromofluoromethane	7.88	113	106088	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.32	98	402022	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	150391	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	21829	17.779	ug/l	93
3) Chloromethane	2.21	50	33615	17.671	ug/l	100
4) Vinyl Chloride	2.35	62	36242	15.566	ug/l	98
5) Bromomethane	2.76	94	21771	18.463	ug/l	99
6) Chloroethane	2.91	64	23477	17.875	ug/l	95
7) Trichlorofluoromethane	3.25	101	20680	17.689	ug/l	100
8) Diethyl Ether	3.67	74	24425	22.011	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40743	20.502	ug/l	98
10) Methyl Iodide	4.26	142	58272	21.672	ug/l	95
11) Tert butyl alcohol	5.18	59	21221	148.759	ug/l	100
12) 1,1-Dichloroethene	4.04	96	39504	19.751	ug/l	99
13) Acrolein	3.89	56	8920	66.427	ug/l	95
14) Allyl chloride	4.67	41	89758	20.991	ug/l	97
15) Acrylonitrile	5.37	53	74195	134.892	ug/l	99
16) Acetone	4.12	43	65514	108.120	ug/l	95
17) Carbon Disulfide	4.38	76	92491	15.301	ug/l	99
18) Methyl Acetate	4.67	43	51259	34.154	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	91285	28.222	ug/l	98
20) Methylene Chloride	4.92	84	56640	24.726	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	46812	21.825	ug/l	94
22) Diisopropyl ether	6.31	45	200086	25.244	ug/l	98
23) Vinyl Acetate	6.25	43	590840	121.129	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102560	23.765	ug/l	98
25) 2-Butanone	7.17	43	105125	127.671	ug/l	100
26) 2,2-Dichloropropane	7.16	77	53190	21.775	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	55259	24.114	ug/l	100
28) Bromochloromethane	7.51	49	45716	24.305	ug/l	96
29) Tetrahydrofuran	7.53	42	67882	137.411	ug/l	99
30) Chloroform	7.67	83	101458	25.697	ug/l	98
31) Cyclohexane	7.95	56	75550	17.695	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	76692	24.554	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69663	20.293	ug/l	99
37) Ethyl Acetate	7.25	43	47781	25.400	ug/l	97
38) Carbon Tetrachloride	8.06	117	66088	22.243	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012611.D
 Acq On : 05 Sep 2019 01:49
 Operator : SY/VA
 Sample : VW0904SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Quant Time: Sep 05 07:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68171	17.677	ug/l	95
40) Benzene	8.32	78	207940	22.184	ug/l	99
41) Methacrylonitrile	7.48	41	32945	29.798	ug/l	91
42) 1,2-Dichloroethane	8.40	62	78356	26.672	ug/l	100
43) Isopropyl Acetate	8.42	43	91514	26.264	ug/l	99
44) Trichloroethene	9.09	130	51177	22.459	ug/l	98
45) 1,2-Dichloropropane	9.37	63	59478	23.577	ug/l	97
46) Dibromomethane	9.46	93	28651	25.526	ug/l	98
47) Bromodichloromethane	9.64	83	75365	25.229	ug/l	97
48) Methyl methacrylate	9.43	41	43575	26.275	ug/l	96
49) 1,4-Dioxane	9.46	88	9403	547.228	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	239587	135.185	ug/l	99
52) Toluene	10.38	92	128226	22.771	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74623	24.524	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86283	23.484	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42205	26.576	ug/l	98
56) Ethyl methacrylate	10.65	69	59695	25.827	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78575	26.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	142523	120.150	ug/l	100
59) 2-Hexanone	10.97	43	159383	127.099	ug/l	100
60) Dibromochloromethane	11.13	129	47209	26.689	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38063	25.727	ug/l	98
64) Tetrachloroethene	10.86	164	45236	23.303	ug/l	95
65) Chlorobenzene	11.66	112	135918	23.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50407	24.508	ug/l	99
67) Ethyl Benzene	11.73	91	247100	21.757	ug/l	97
68) m/p-Xylenes	11.84	106	182970	44.725	ug/l	99
69) o-Xylene	12.16	106	87364	23.073	ug/l	99
70) Styrene	12.18	104	154840	23.626	ug/l	98
71) Bromoform	12.35	173	27457	26.794	ug/l	96
73) Isopropylbenzene	12.46	105	241357	21.656	ug/l	100
74) N-amyl acetate	12.27	43	79865	23.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49726	24.338	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	66830	46.135	ug/l #	100
77) Bromobenzene	12.74	156	58206	24.141	ug/l	95
78) n-propylbenzene	12.80	91	286890	21.086	ug/l	100
79) 2-Chlorotoluene	12.89	91	171108	22.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207682	22.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14650	22.174	ug/l	91
82) 4-Chlorotoluene	12.99	91	180398	22.304	ug/l	100
83) tert-Butylbenzene	13.21	119	176434	22.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	210229	22.473	ug/l	100
85) sec-Butylbenzene	13.38	105	236888	20.960	ug/l	100
86) p-Isopropyltoluene	13.50	119	219028	21.701	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108199	22.943	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	108655	23.204	ug/l	99
89) n-Butylbenzene	13.82	91	201257	20.051	ug/l	100
90) Hexachloroethane	14.09	117	39257	22.169	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	100206	24.221	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9027	26.207	ug/l	97

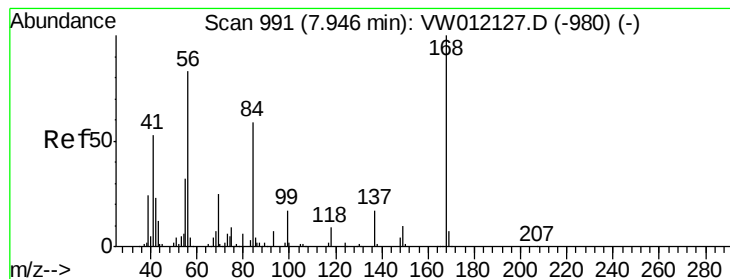
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
Data File : VW012611.D
Acq On : 05 Sep 2019 01:49
Operator : SY/VA
Sample : VW0904SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Quant Time: Sep 05 07:03:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65602	22.946	ug/l	99
94) Hexachlorobutadiene	15.24	225	42379	22.449	ug/l	98
95) Naphthalene	15.36	128	122166	24.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	60531	24.267	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

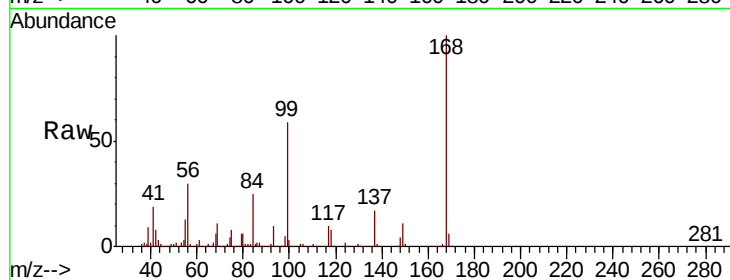
VW0904SBS02

Tgt Ion:168 Resp: 199407

Ion Ratio Lower Upper

168 100

99 58.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

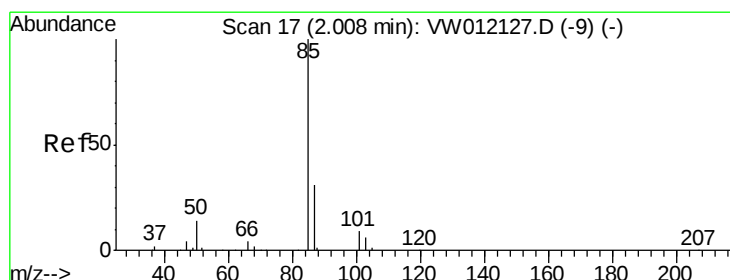
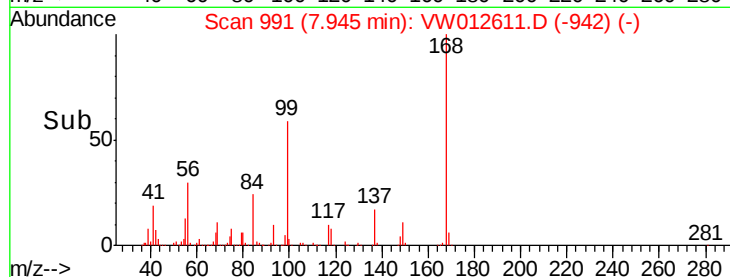
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.779 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012611.D

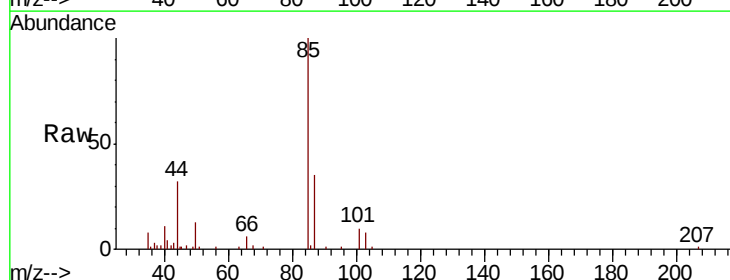
Acq: 05 Sep 2019 01:49

Tgt Ion: 85 Resp: 21829

Ion Ratio Lower Upper

85 100

87 35.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

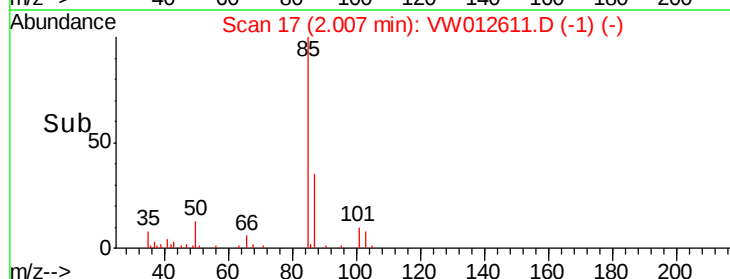
4000

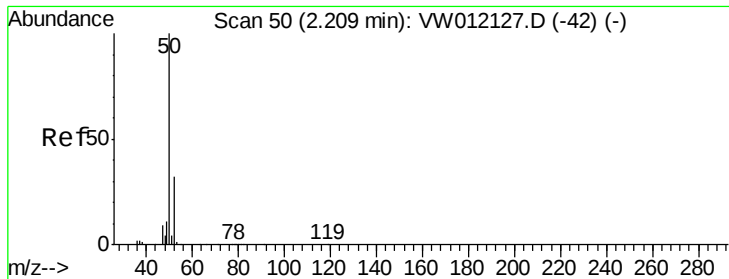
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 17.671 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

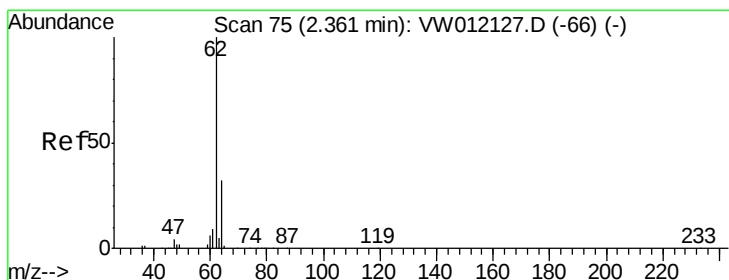
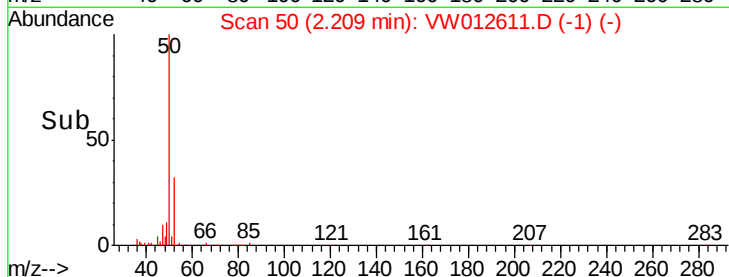
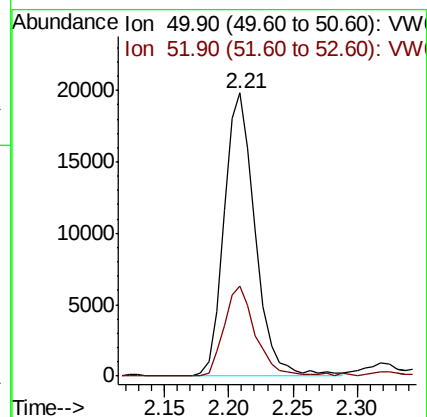
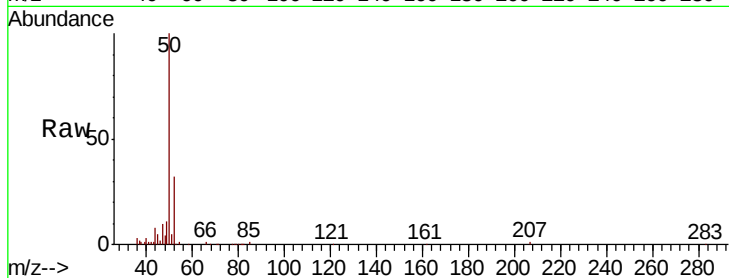
VW0904SBS02

Tgt Ion: 50 Resp: 33615

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 15.566 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012611.D

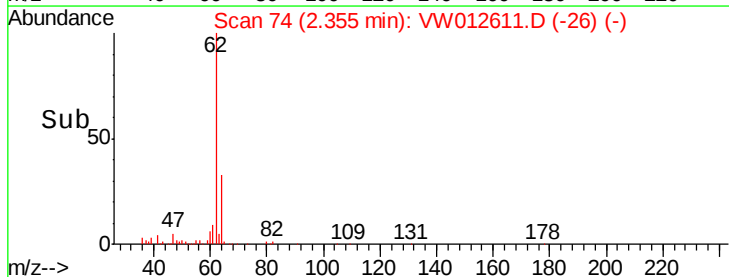
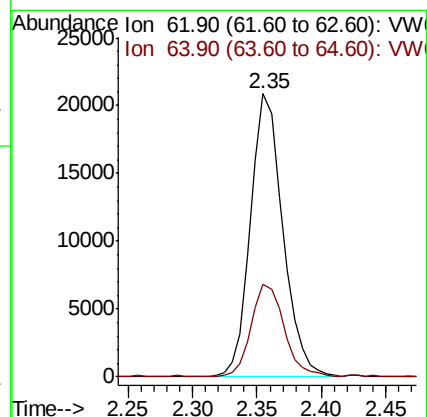
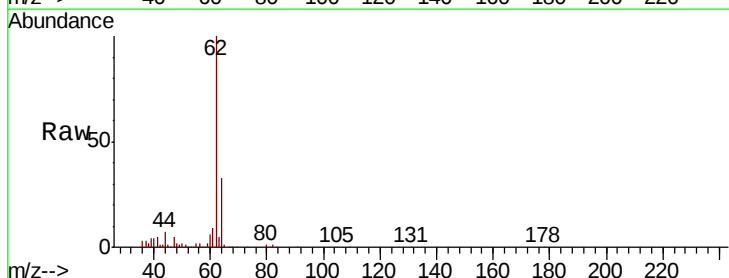
Acq: 05 Sep 2019 01:49

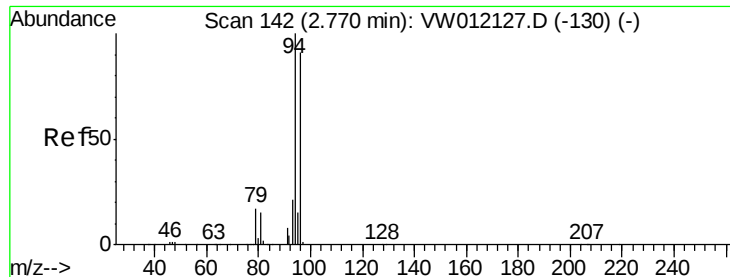
Tgt Ion: 62 Resp: 36242

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9





#5

Bromomethane

Concen: 18.463 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

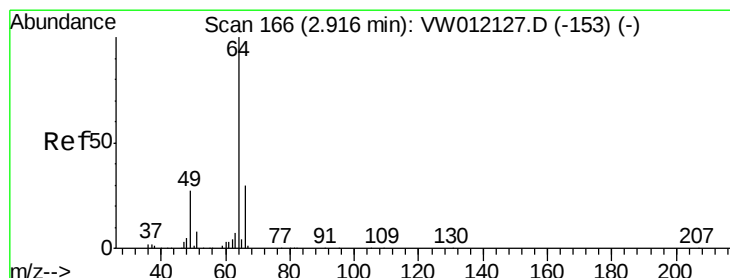
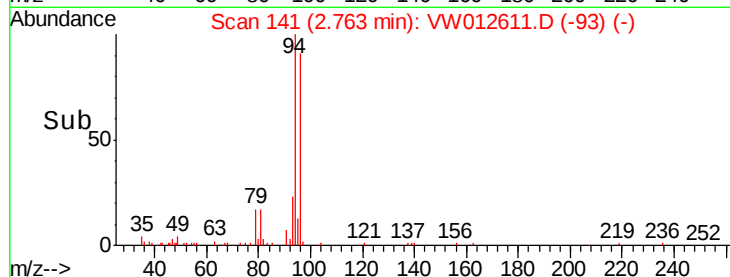
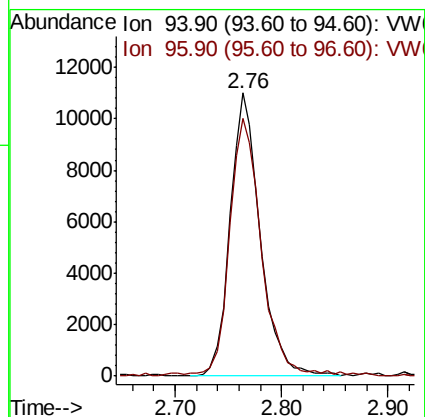
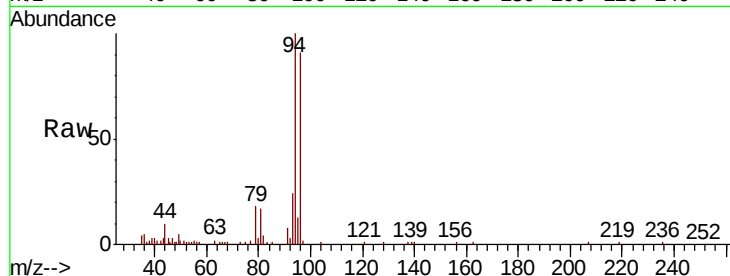
VW0904SBS02

Tgt Ion: 94 Resp: 21771

Ion Ratio Lower Upper

94 100

96 90.2 72.9 109.3



#6

Chloroethane

Concen: 17.875 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012611.D

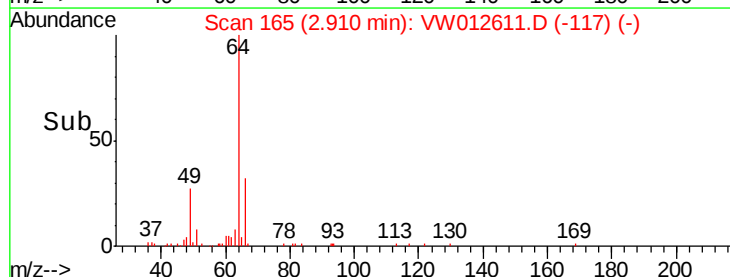
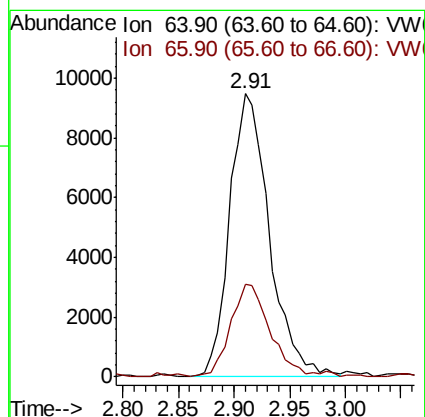
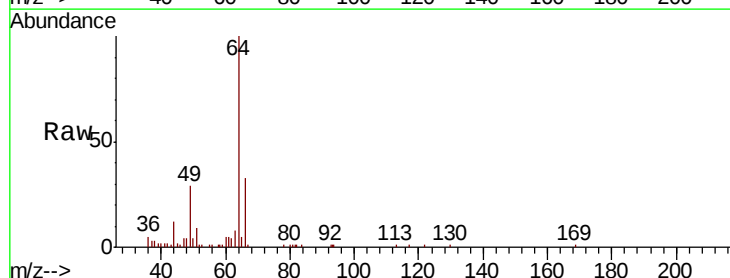
Acq: 05 Sep 2019 01:49

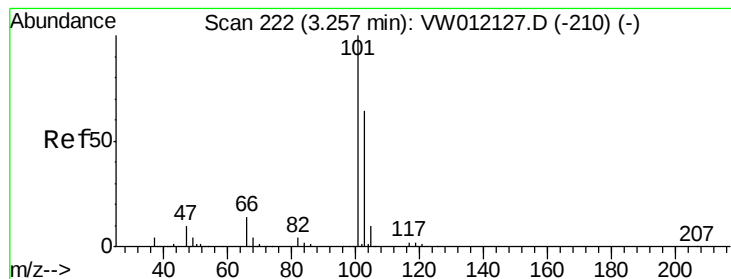
Tgt Ion: 64 Resp: 23477

Ion Ratio Lower Upper

64 100

66 32.7 23.8 35.8



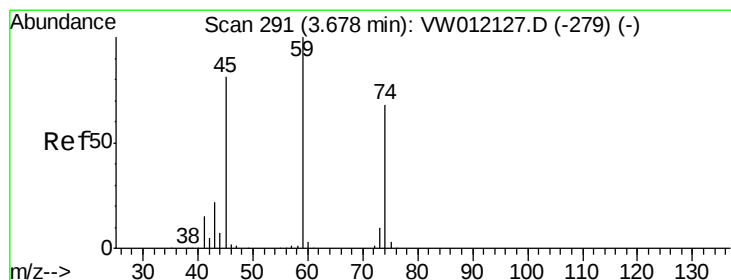
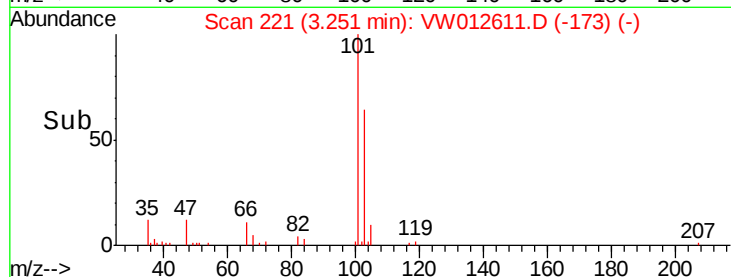
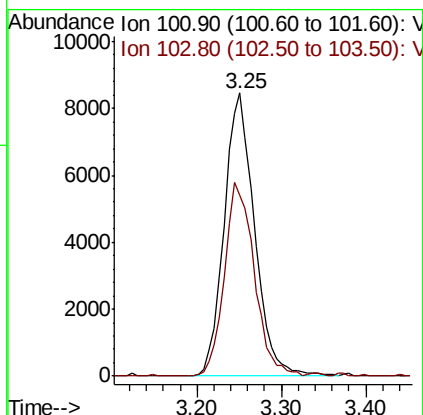
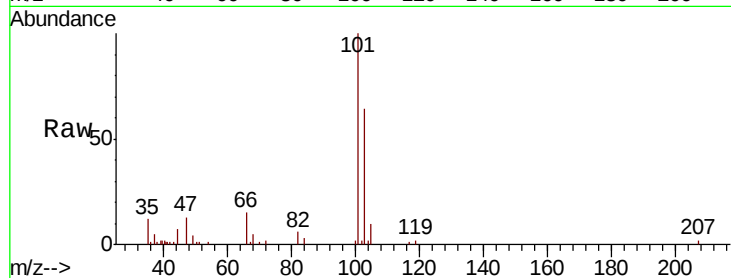


#7

Trichlorofluoromethane
 Concen: 17.689 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

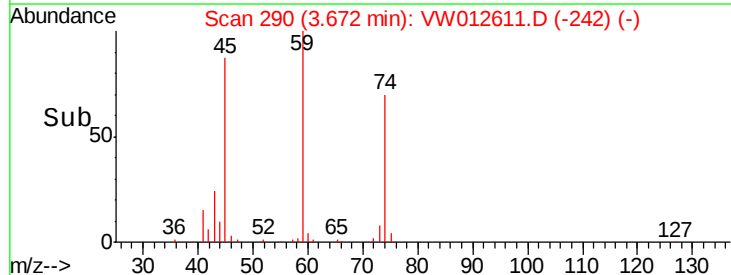
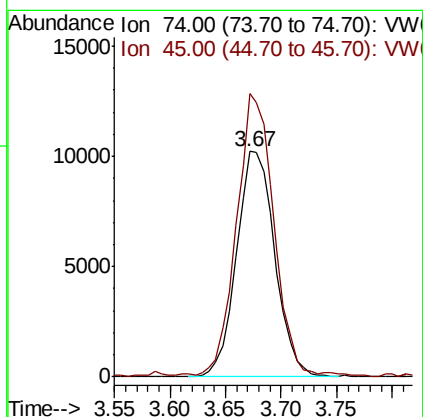
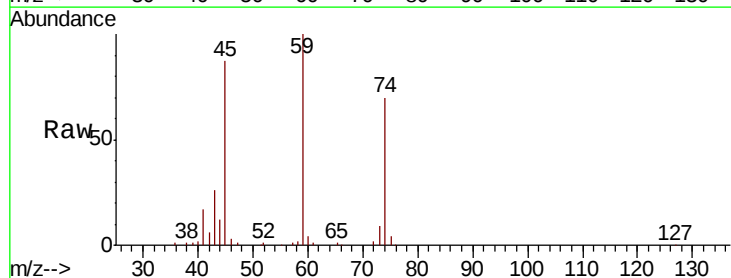
Tgt Ion: 101 Resp: 20680
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.2 76.8

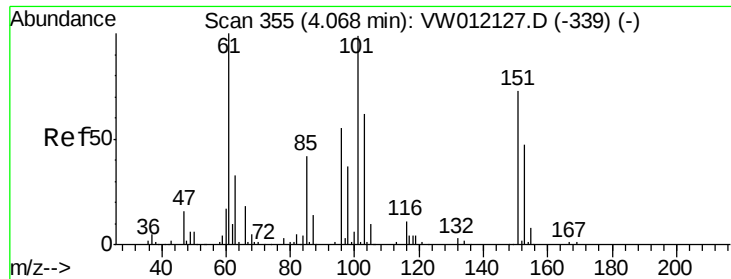


#8

Diethyl Ether
 Concen: 22.011 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 74 Resp: 24425
 Ion Ratio Lower Upper
 74 100
 45 124.4 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.502 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

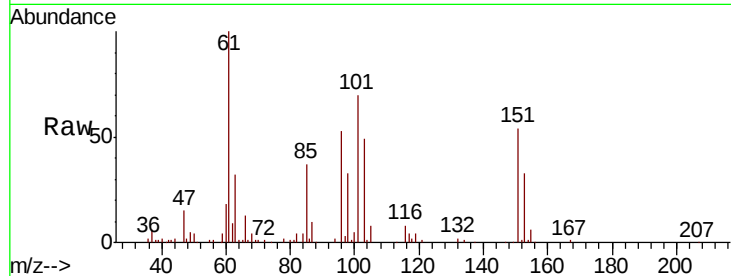
Tgt Ion:101 Resp: 40743

Ion Ratio Lower Upper

101 100

85 46.9 35.8 53.6

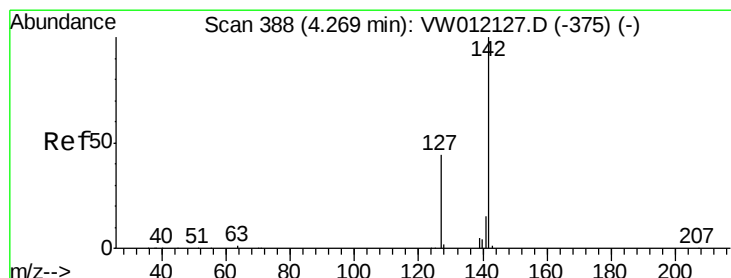
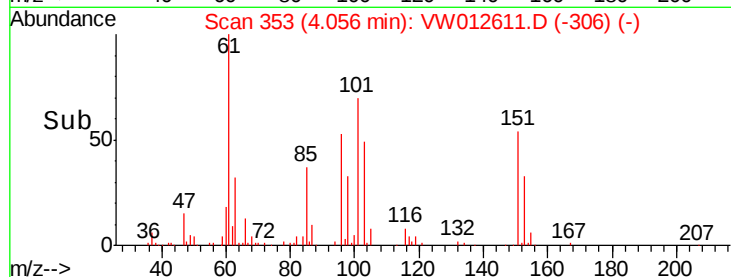
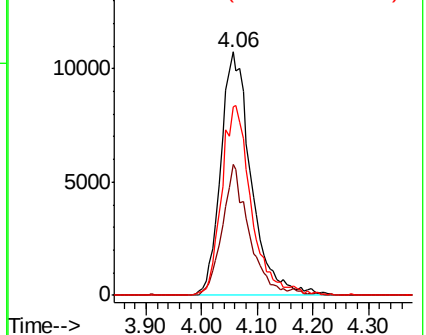
151 74.5 58.6 87.8



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: 21.672 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

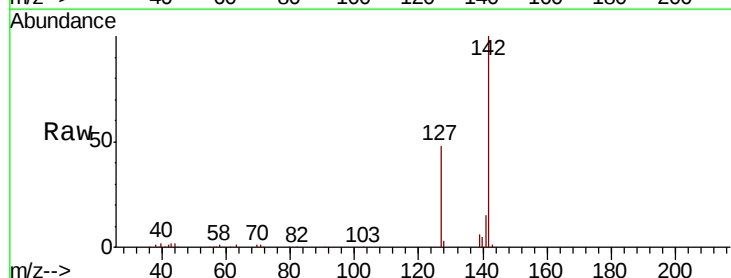
Tgt Ion:142 Resp: 58272

Ion Ratio Lower Upper

142 100

127 48.1 35.5 53.3

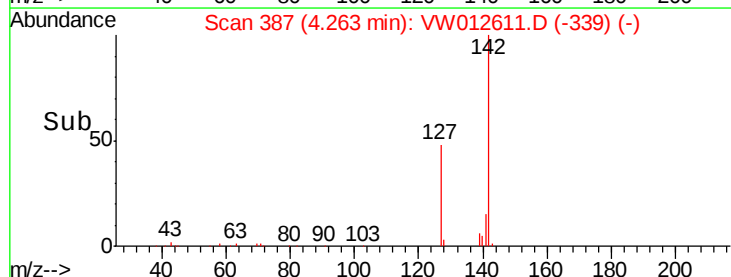
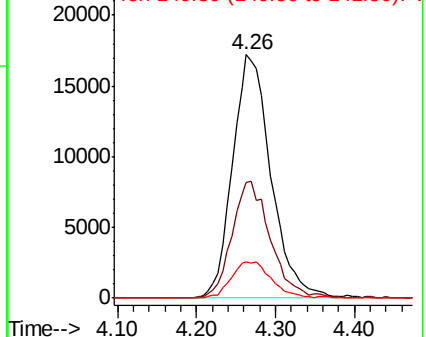
141 15.6 11.8 17.8

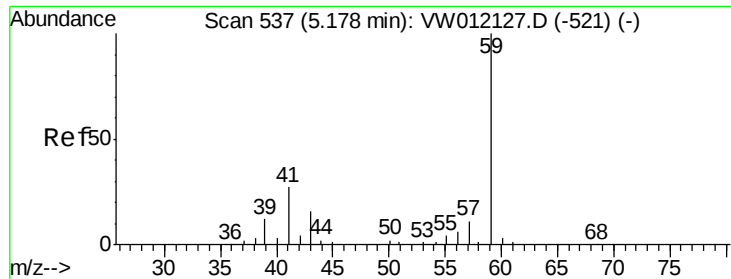


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

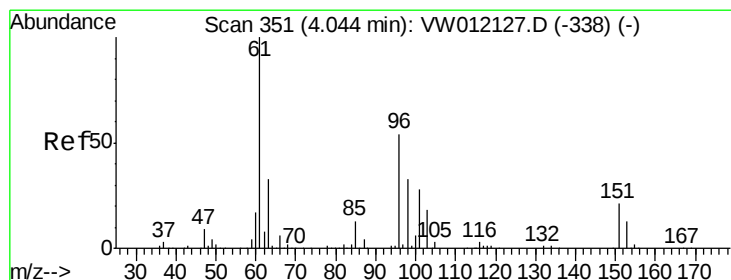
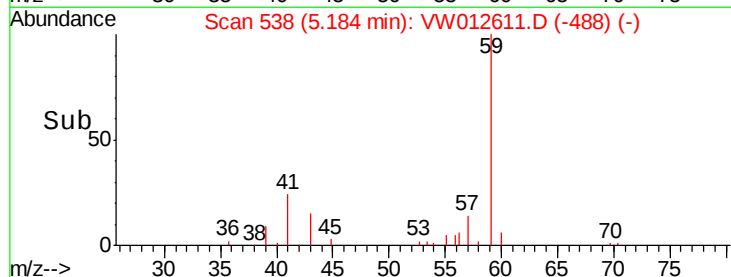
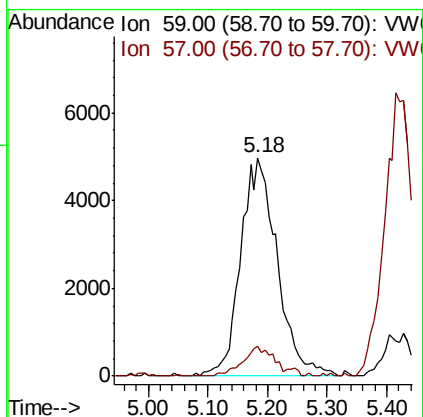
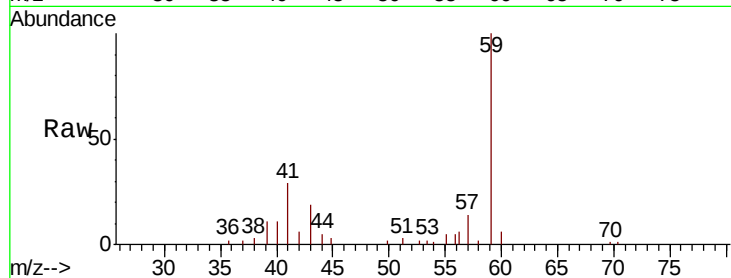




#11
Tert butyl alcohol
Concen: 148.759 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

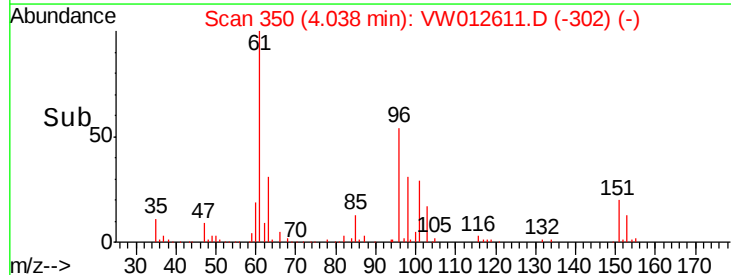
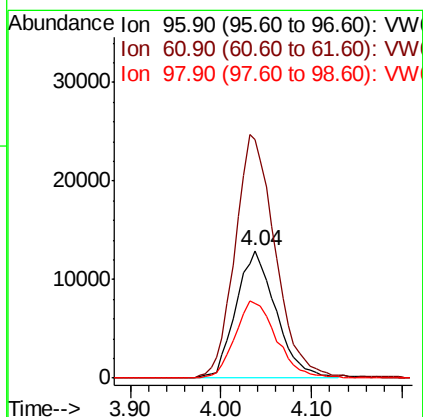
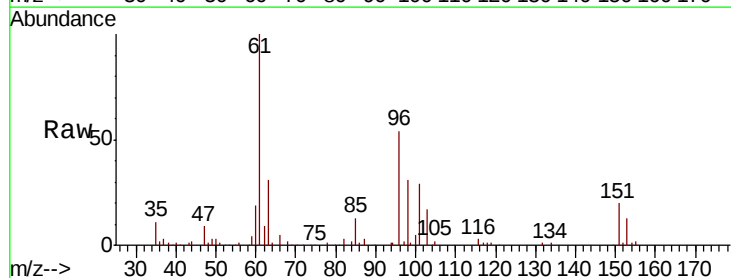
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

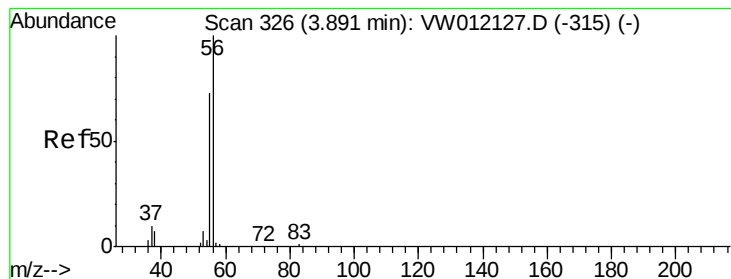
Tgt Ion: 59 Resp: 21221
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 19.751 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 96 Resp: 39504
Ion Ratio Lower Upper
96 100
61 186.8 149.1 223.7
98 58.5 49.4 74.2





#13

Acrolein

Concen: 66.427 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

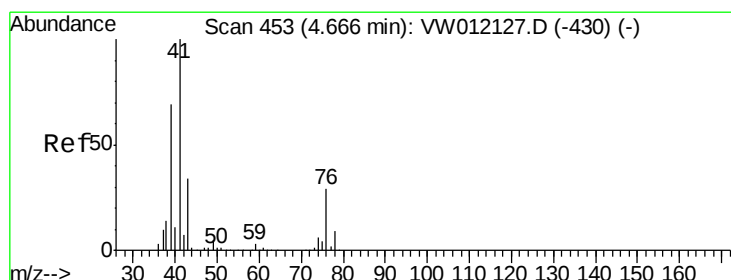
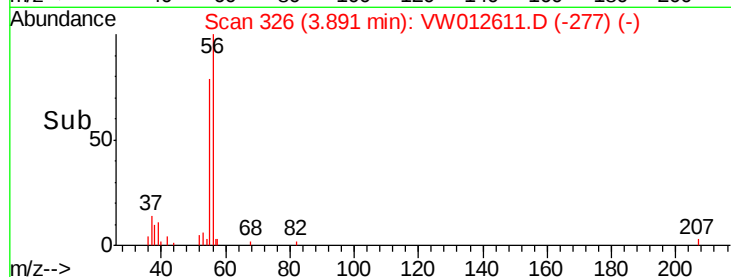
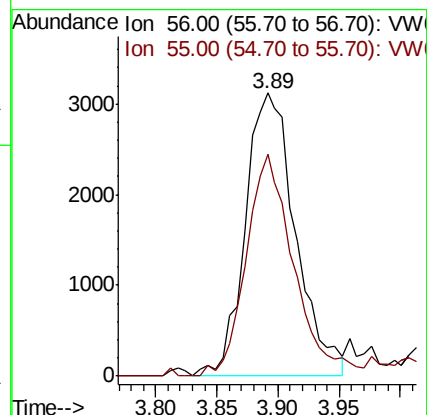
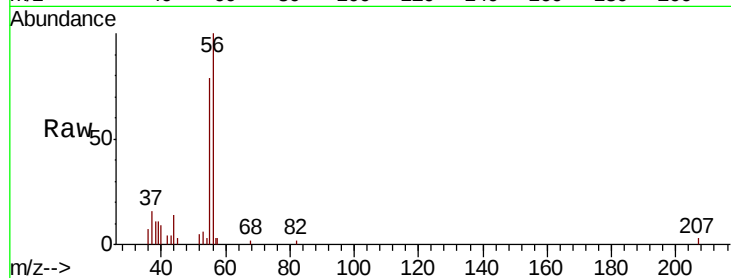
VW0904SBS02

Tgt Ion: 56 Resp: 8920

Ion Ratio Lower Upper

56 100

55 74.3 55.8 83.8



#14

Allyl chloride

Concen: 20.991 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

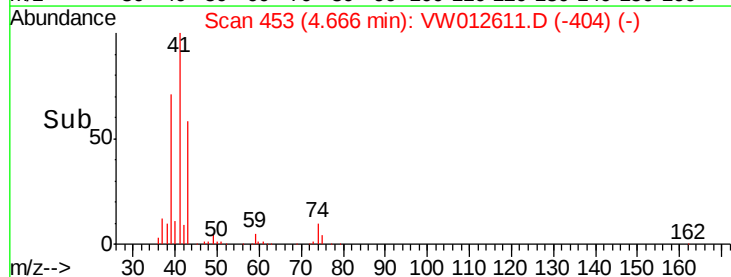
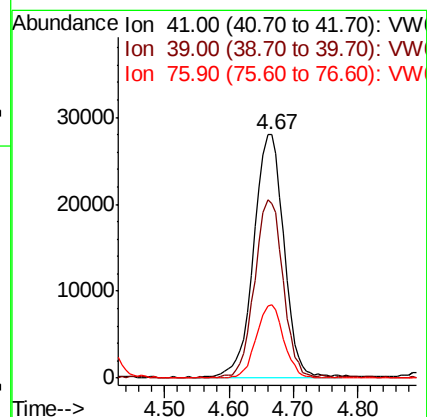
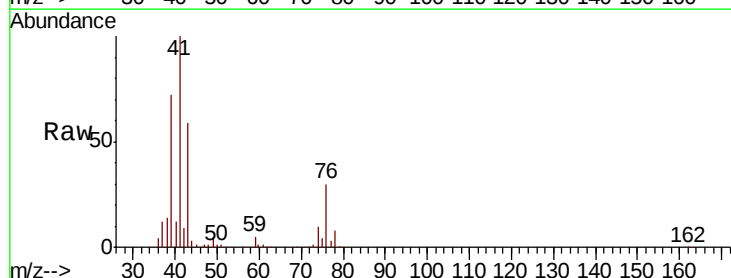
Tgt Ion: 41 Resp: 89758

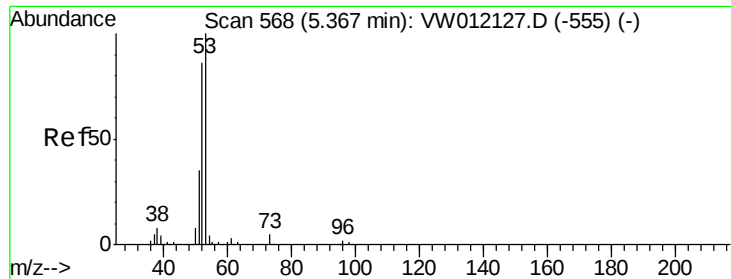
Ion Ratio Lower Upper

41 100

39 69.5 53.4 80.2

76 27.4 22.1 33.1





#15

Acrylonitrile

Concen: 134.892 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

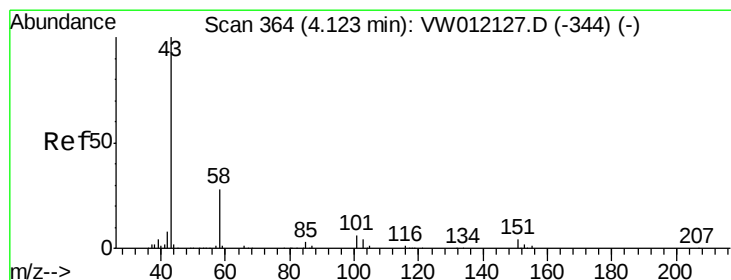
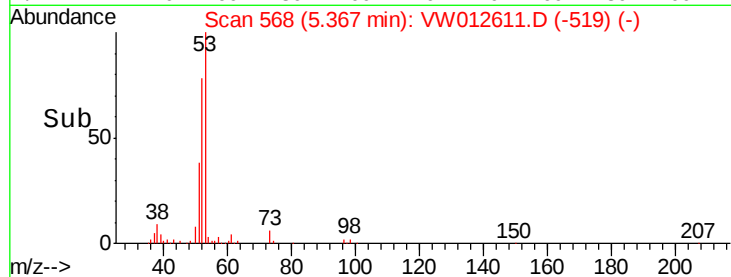
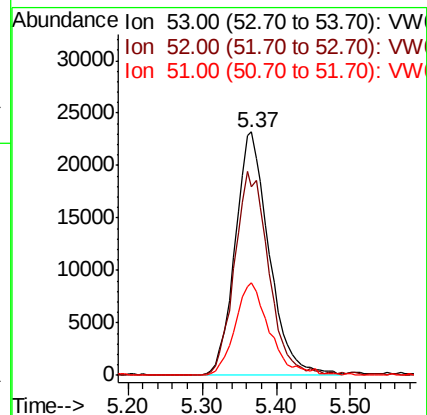
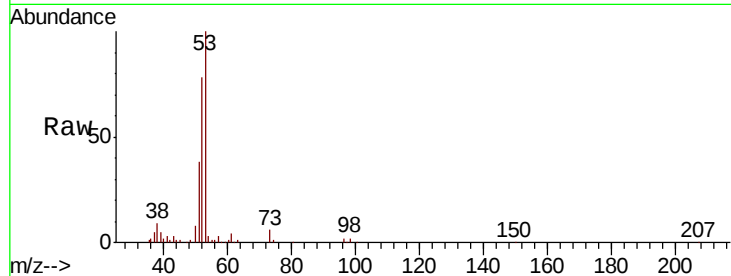
Tgt Ion: 53 Resp: 74195

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 38.9 30.1 45.1



#16

Acetone

Concen: 108.120 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012611.D

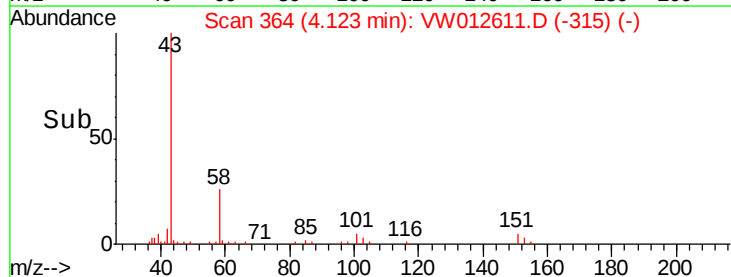
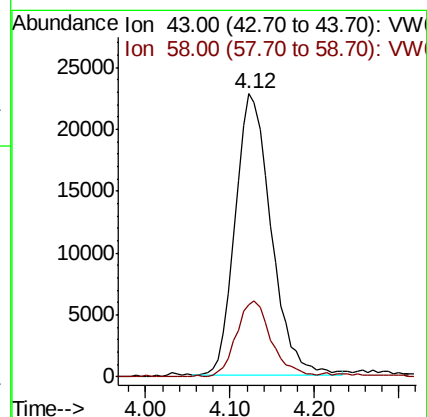
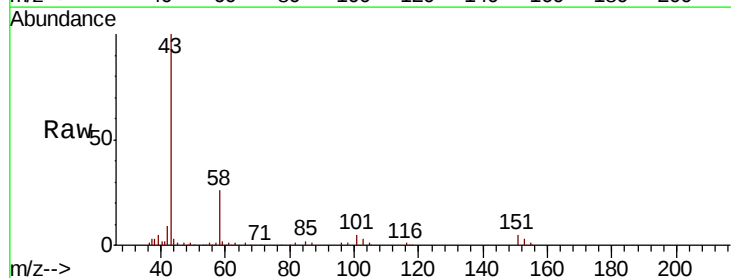
Acq: 05 Sep 2019 01:49

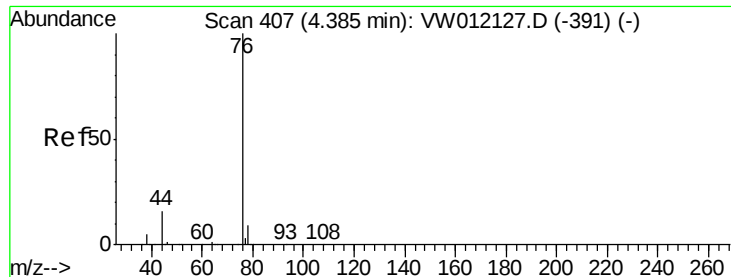
Tgt Ion: 43 Resp: 65514

Ion Ratio Lower Upper

43 100

58 25.5 22.4 33.6





#17

Carbon Disulfide

Concen: 15.301 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

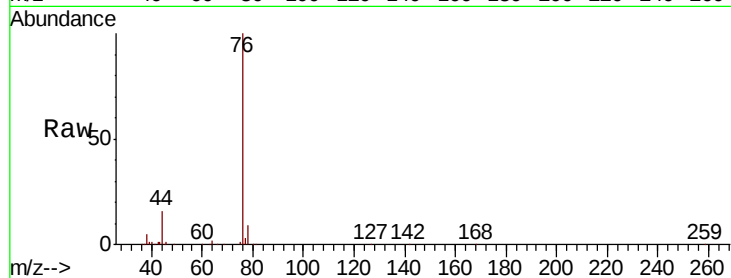
VW0904SBS02

Tgt Ion: 76 Resp: 92491

Ion Ratio Lower Upper

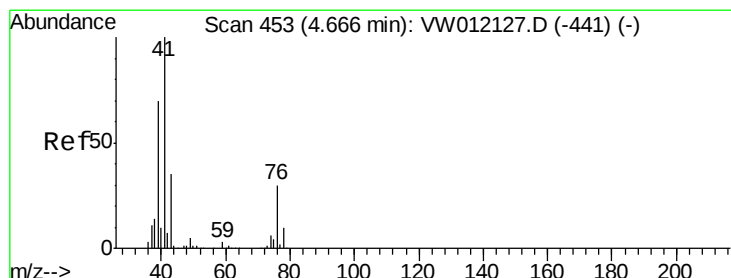
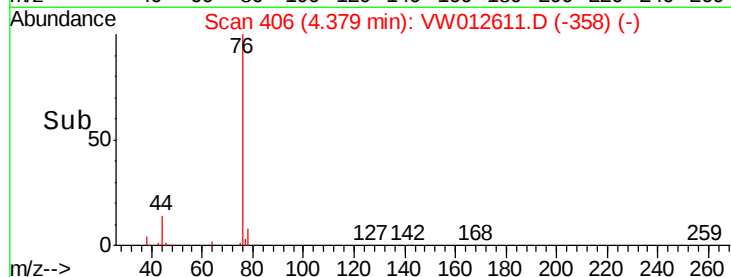
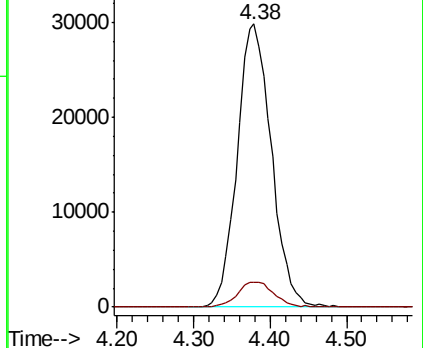
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 34.154 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012611.D

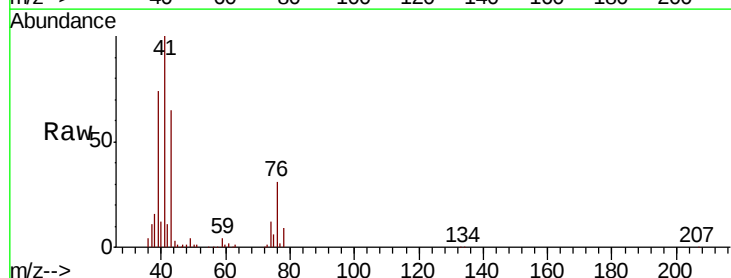
Acq: 05 Sep 2019 01:49

Tgt Ion: 43 Resp: 51259

Ion Ratio Lower Upper

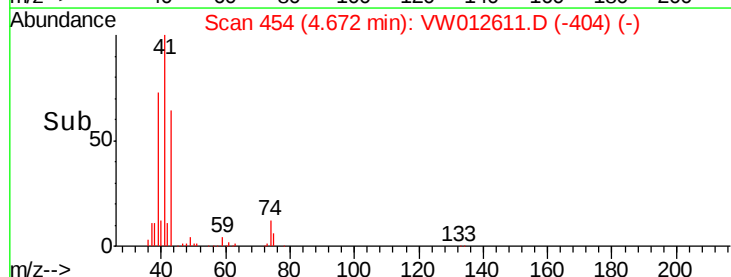
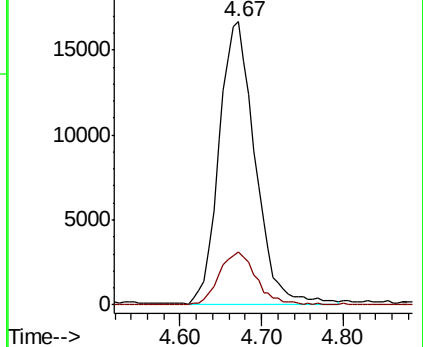
43 100

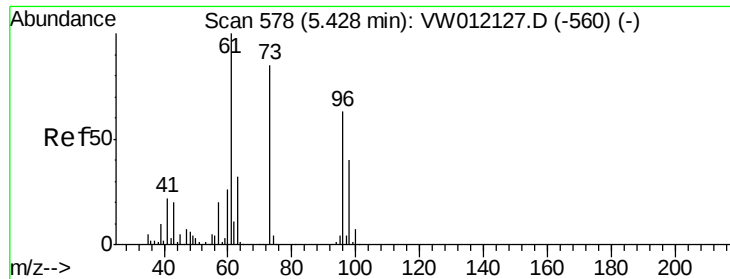
74 18.9 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

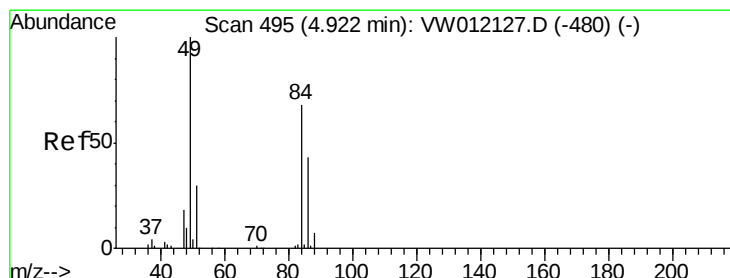
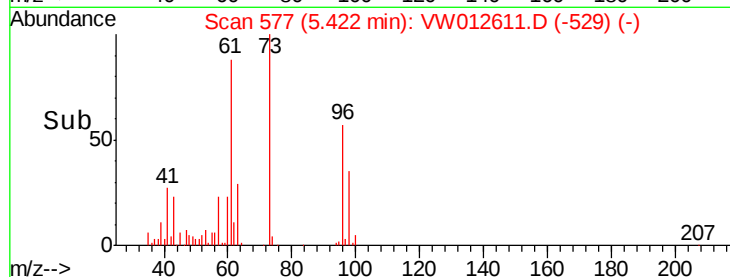
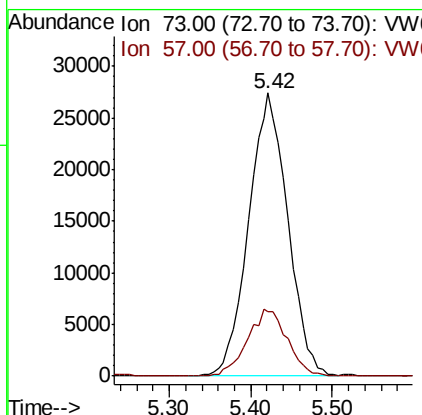
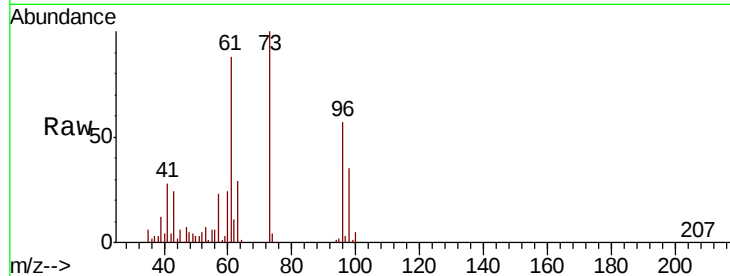




#19
Methyl tert-butyl Ether
Concen: 28.222 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

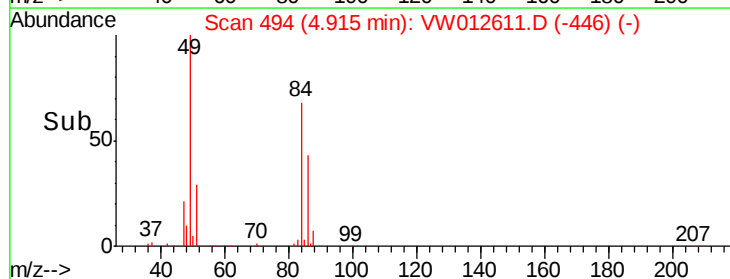
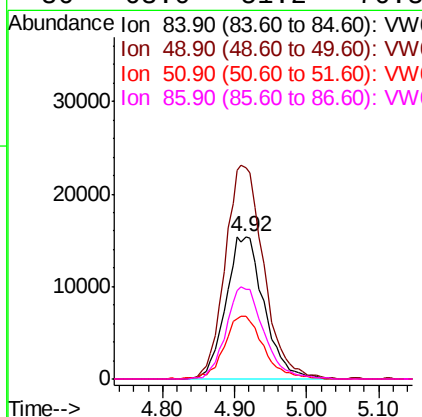
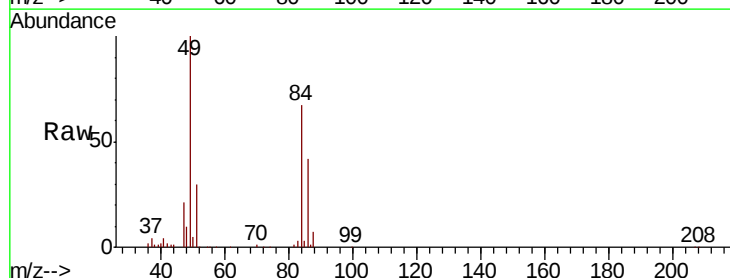
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

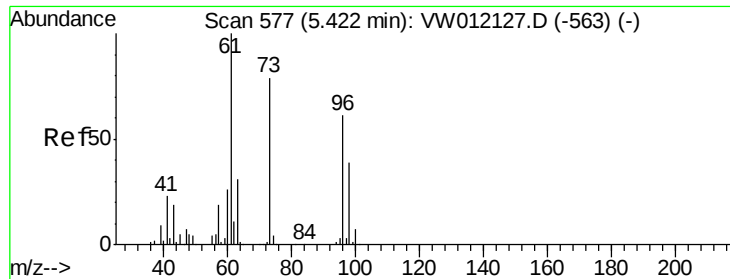
Tgt Ion: 73 Resp: 91285
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3



#20
Methylene Chloride
Concen: 24.726 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 84 Resp: 56640
Ion Ratio Lower Upper
84 100
49 148.7 117.8 176.8
51 44.1 35.6 53.4
86 63.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.825 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

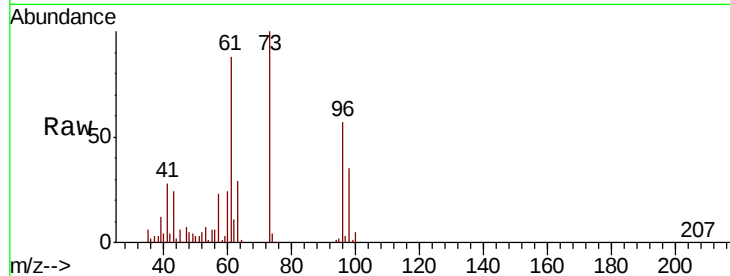
Tgt Ion: 96 Resp: 46812

Ion Ratio Lower Upper

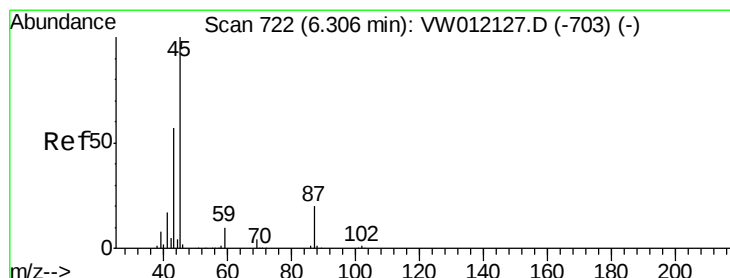
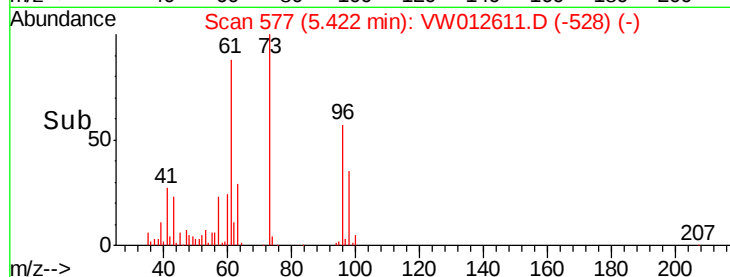
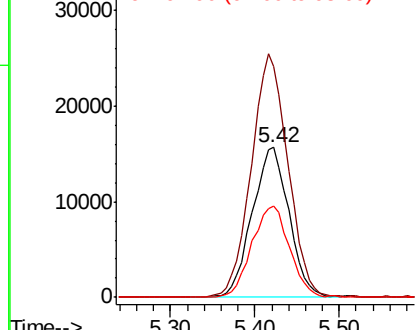
96 100

61 154.2 131.4 197.0

98 61.3 51.4 77.0



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



#22

Diisopropyl ether

Concen: 25.244 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion: 45 Resp: 200086

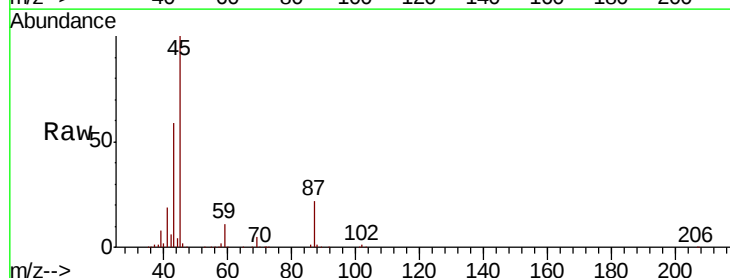
Ion Ratio Lower Upper

45 100

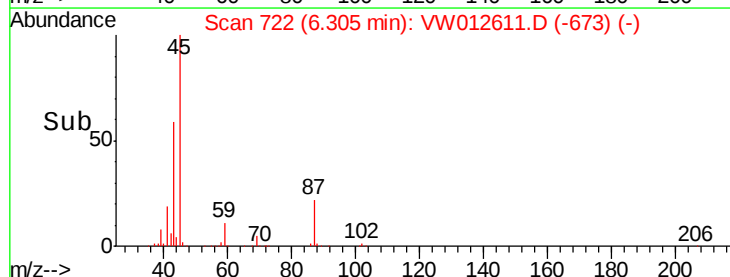
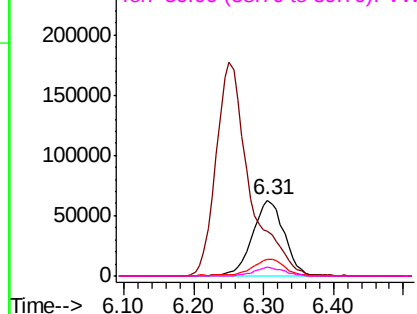
43 57.9 45.5 68.3

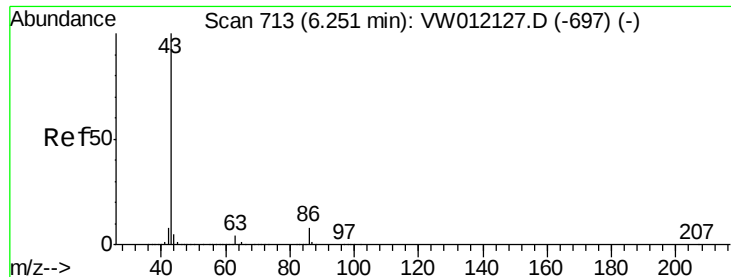
87 21.8 16.1 24.1

59 11.2 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

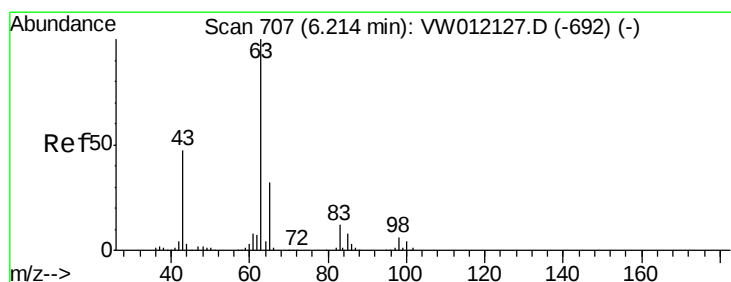
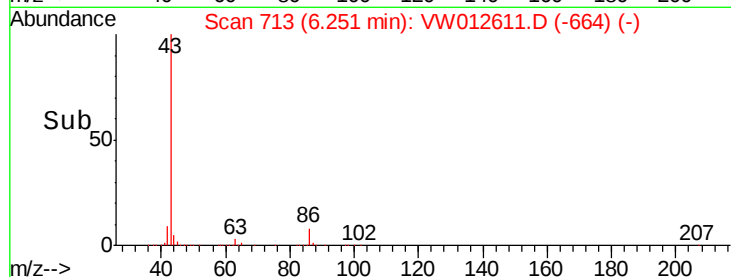
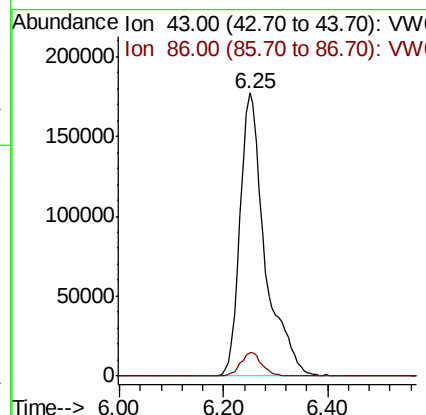
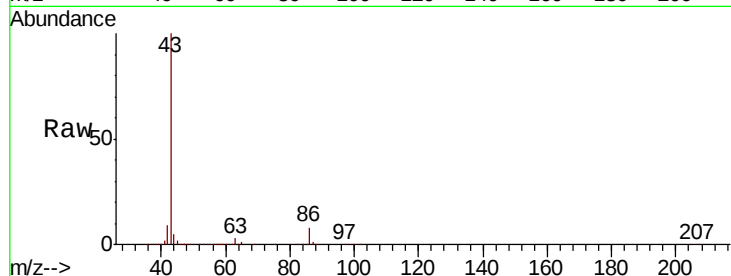




#23
 Vinyl Acetate
 Concen: 121.129 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

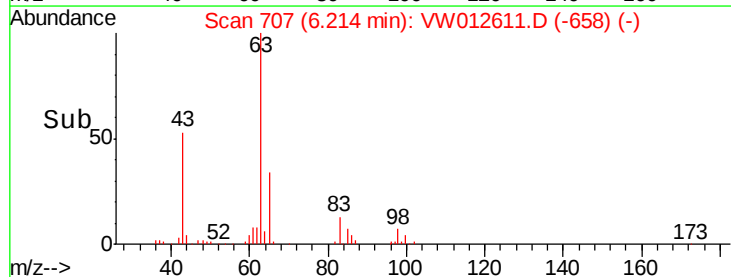
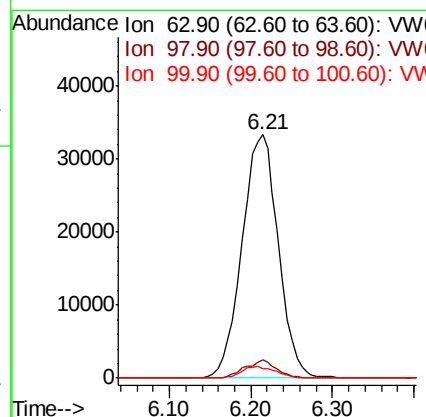
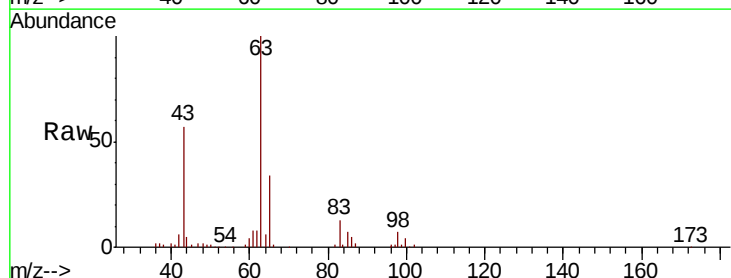
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

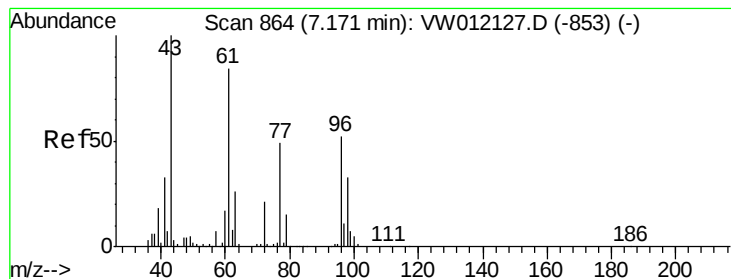
Tgt Ion: 43 Resp: 590840
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 23.765 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 63 Resp: 102560
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.0 9.2
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 127.671 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

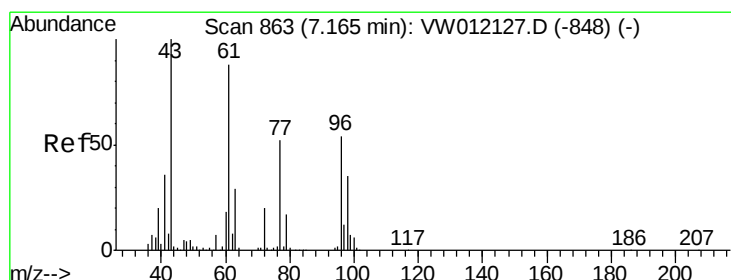
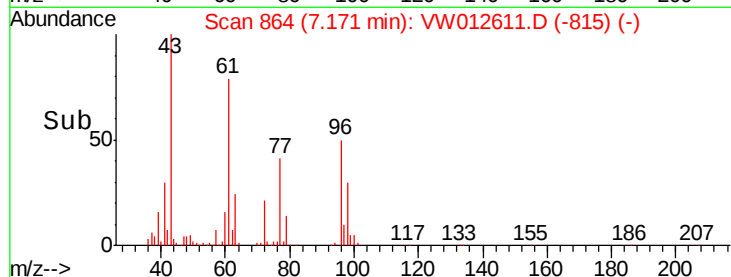
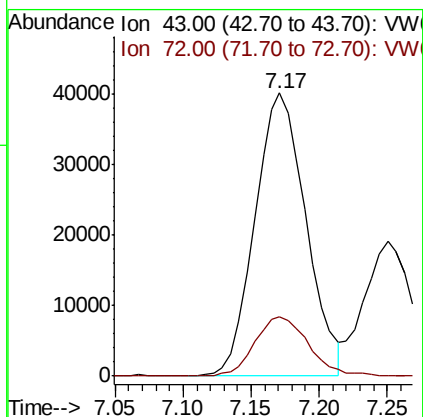
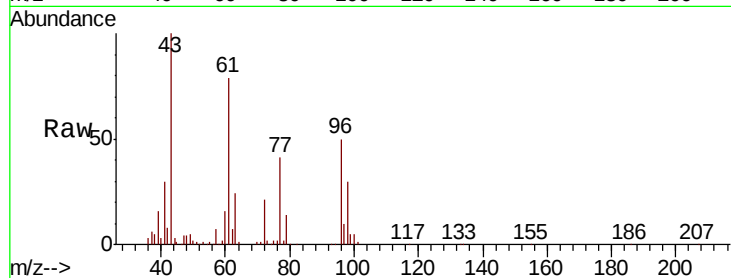
VW0904SBS02

Tgt Ion: 43 Resp: 105125

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.775 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012611.D

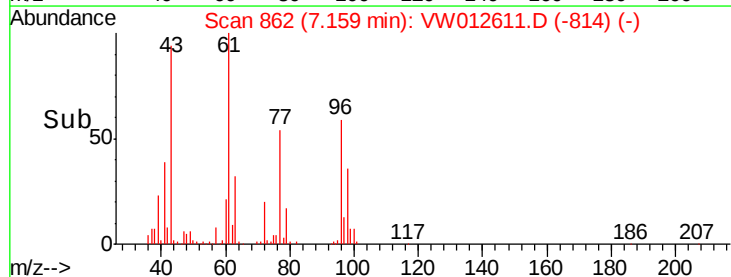
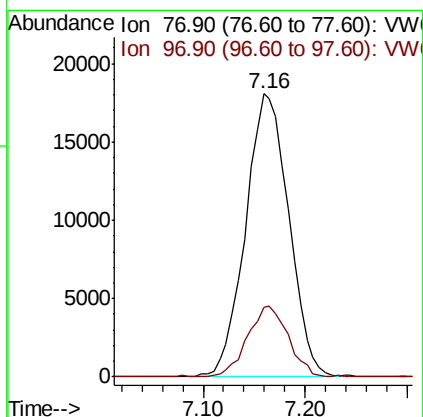
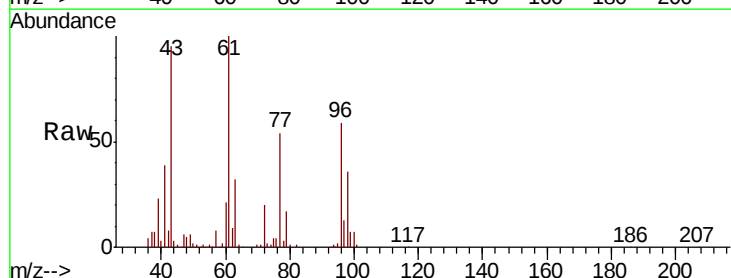
Acq: 05 Sep 2019 01:49

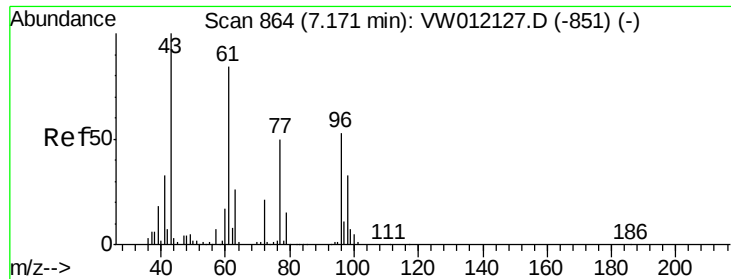
Tgt Ion: 77 Resp: 53190

Ion Ratio Lower Upper

77 100

97 23.6 11.1 33.1



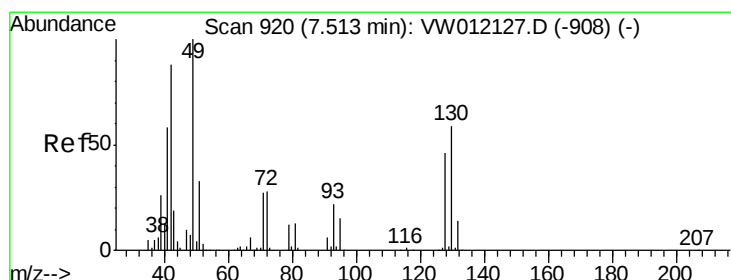
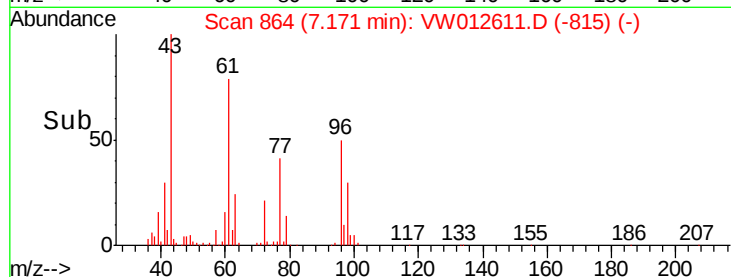
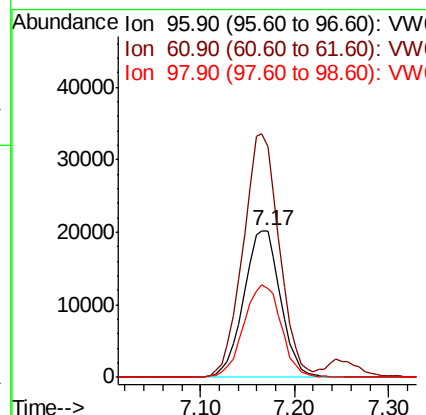
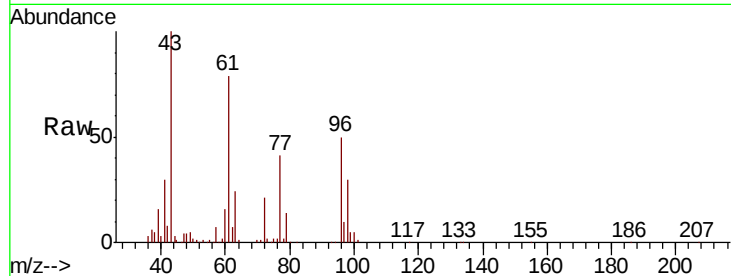


#27

cis-1,2-Dichloroethene
Concen: 24.114 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

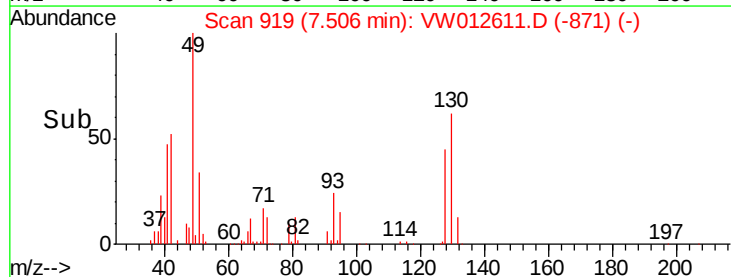
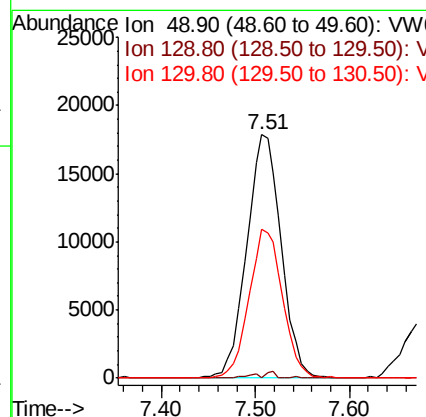
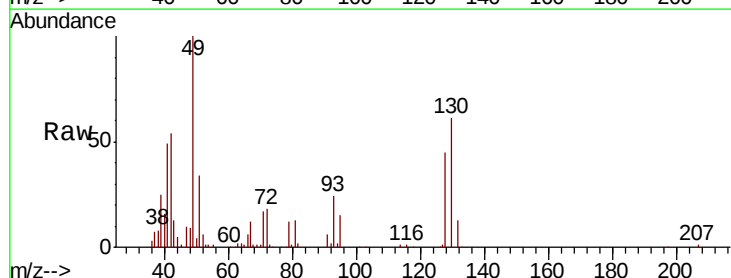
Tgt Ion: 96 Resp: 55259
Ion Ratio Lower Upper
96 100
61 163.2 0.0 326.6
98 64.5 0.0 127.4

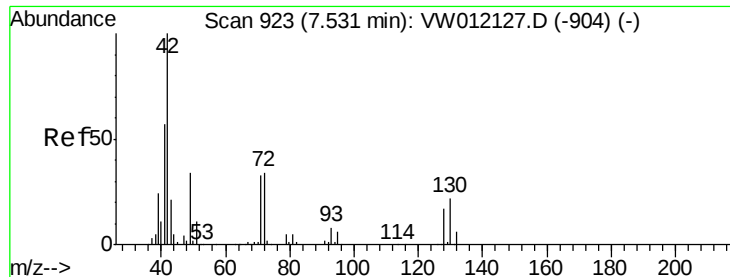


#28

Bromochloromethane
Concen: 24.305 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 49 Resp: 45716
Ion Ratio Lower Upper
49 100
129 0.6 0.0 1.4
130 59.6 45.5 68.3

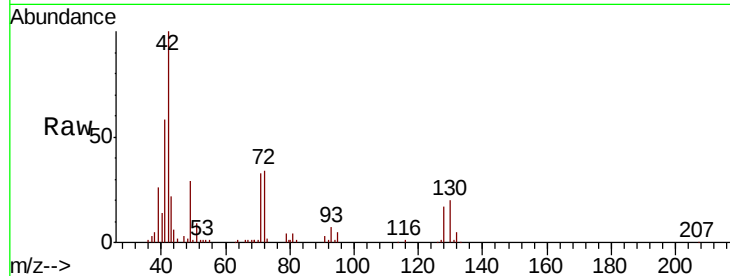




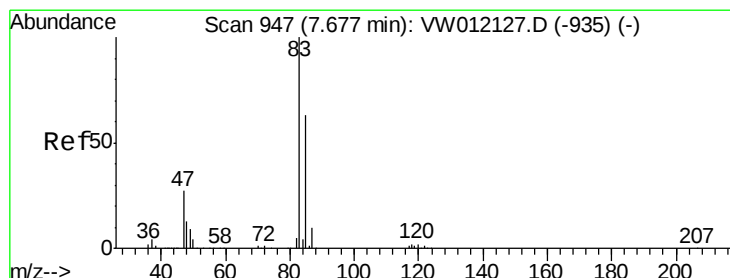
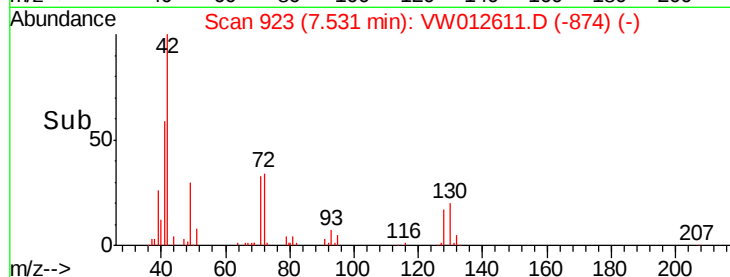
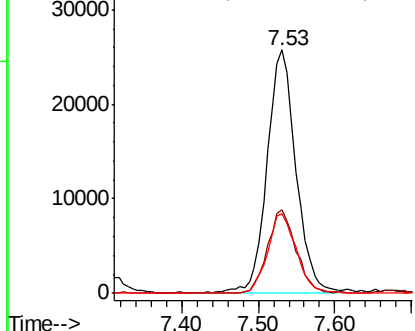
#29
Tetrahydrofuran
Concen: 137.411 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tgt Ion: 42 Resp: 67882
Ion Ratio Lower Upper
42 100
72 34.1 27.3 40.9
71 32.6 25.5 38.3

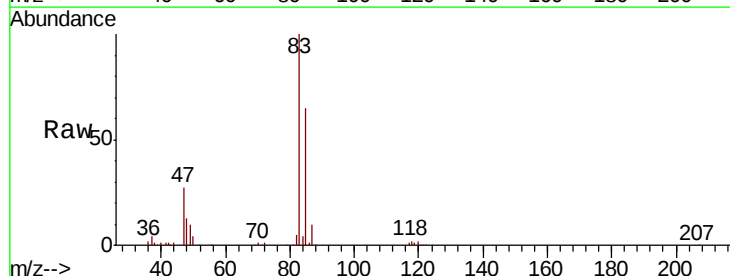


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

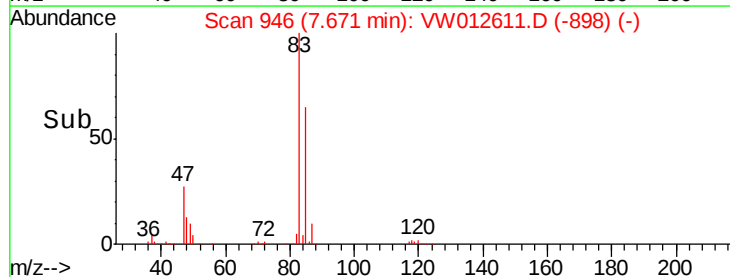
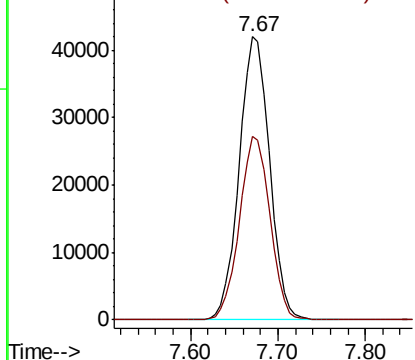


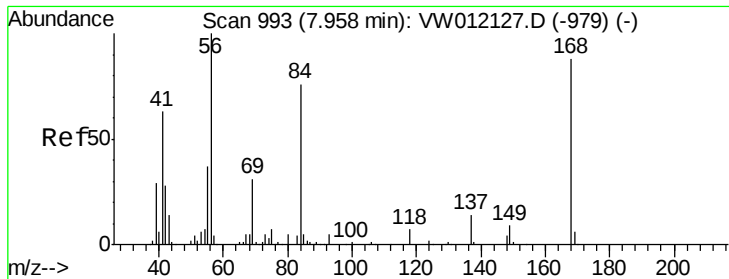
#30
Chloroform
Concen: 25.697 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 83 Resp: 101458
Ion Ratio Lower Upper
83 100
85 65.0 50.6 76.0



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

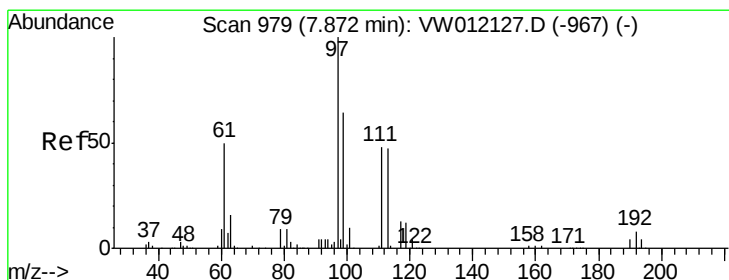
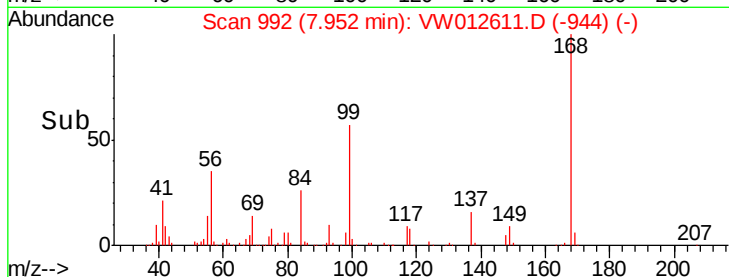
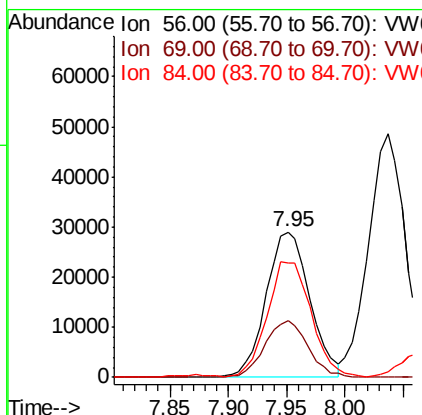
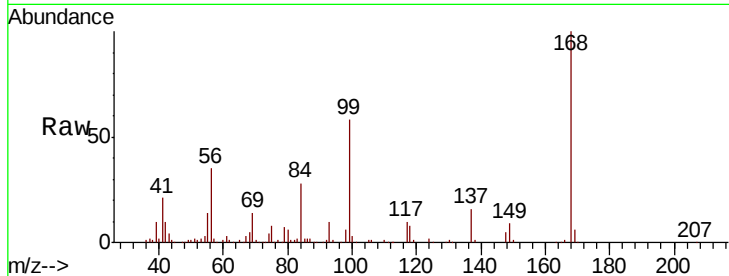




#31
Cyclohexane
Concen: 17.695 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

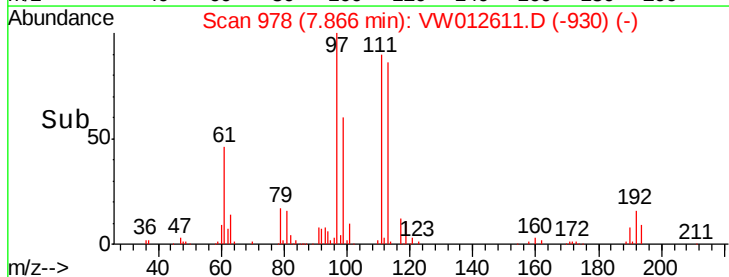
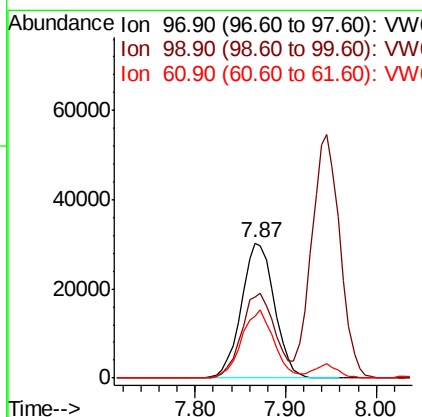
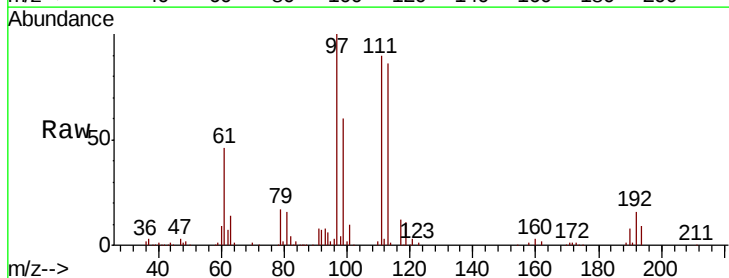
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

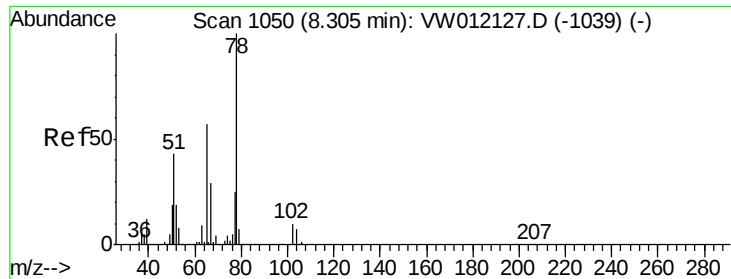
Tgt Ion: 56 Resp: 75550
Ion Ratio Lower Upper
56 100
69 38.9 24.9 37.3#
84 77.6 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 24.554 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 97 Resp: 76692
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 48.8 39.5 59.3

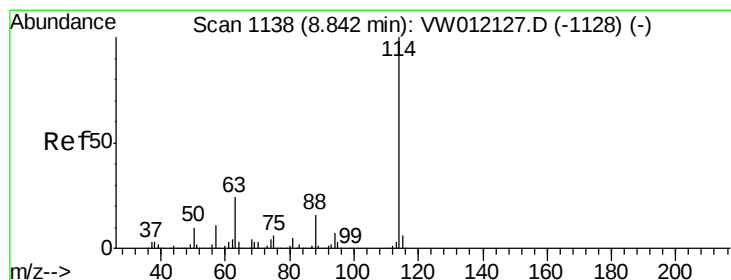
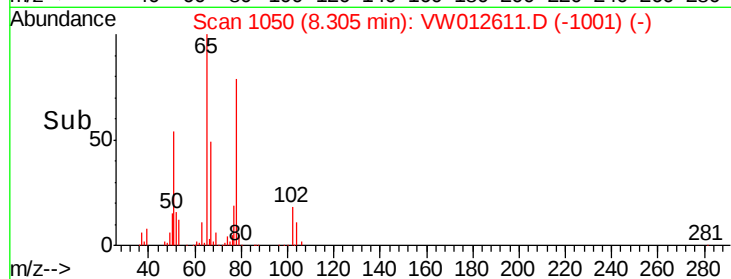
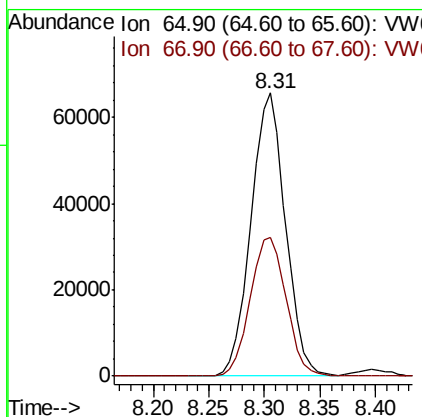
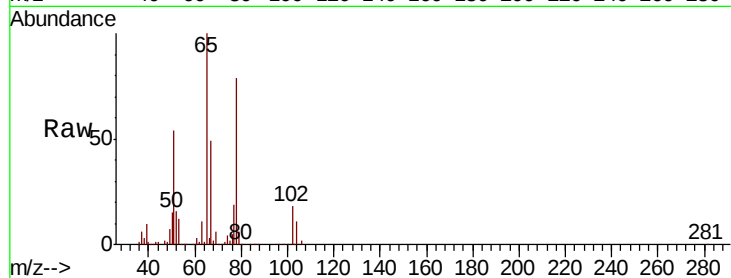




#33
 1,2-Dichloroethane-d4
 Concen: 59.747 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

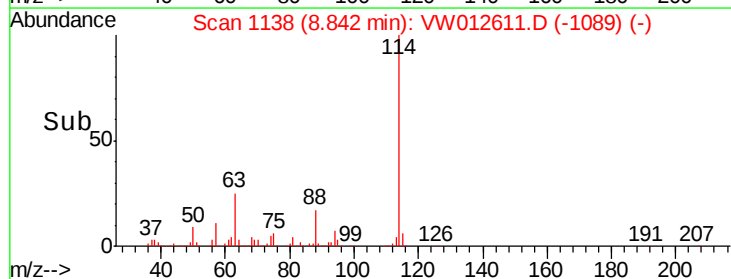
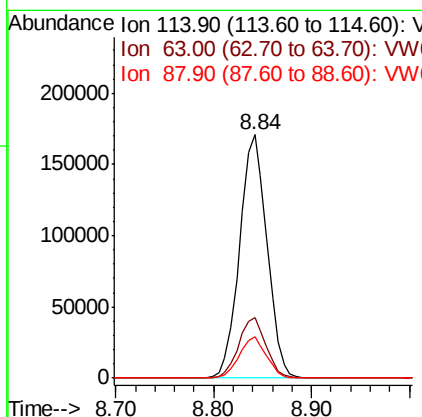
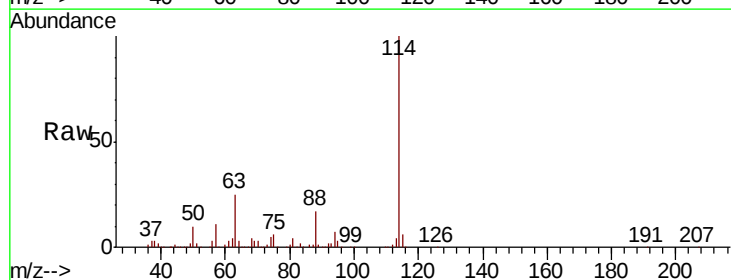
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion: 65 Resp: 141629
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 114 Resp: 332190
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 17.2 0.0 32.2

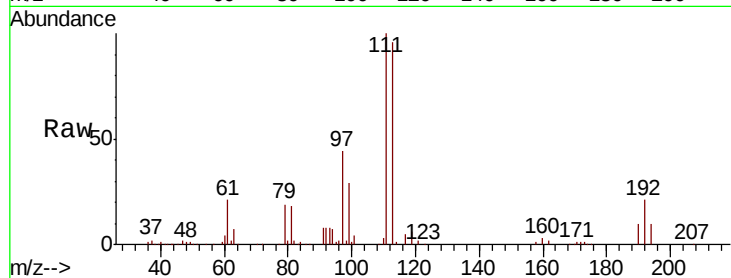




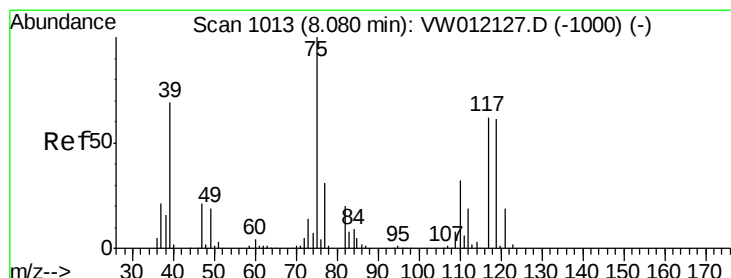
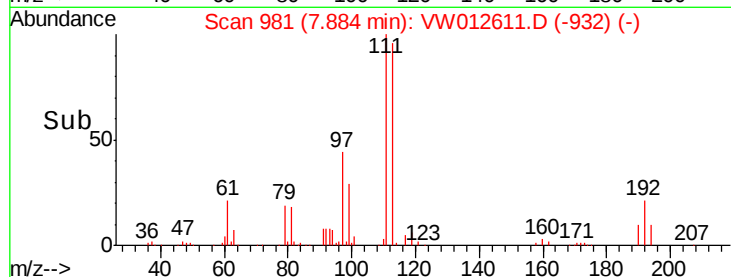
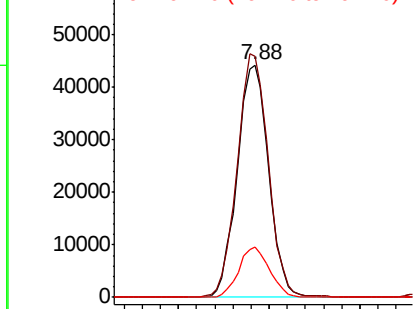
#35
 Dibromofluoromethane
 Concen: 53.503 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion: 113 Resp: 106088
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 21.1 16.2 24.2

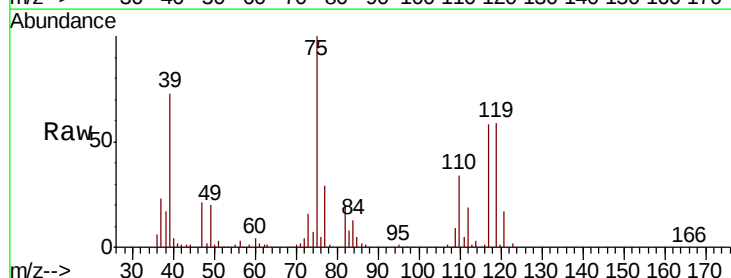


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

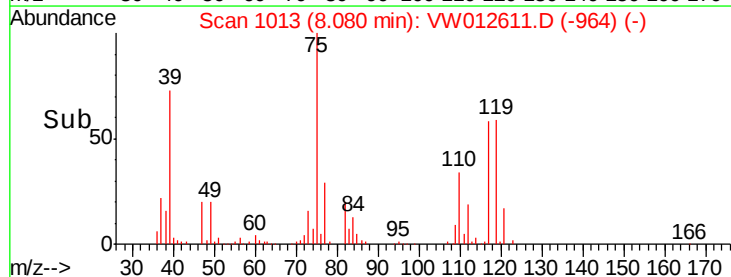
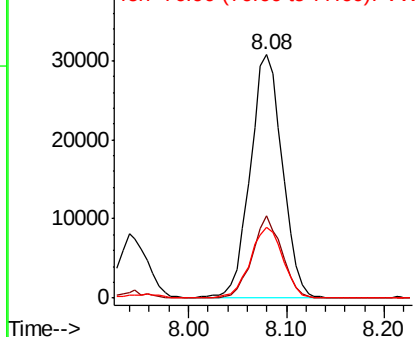


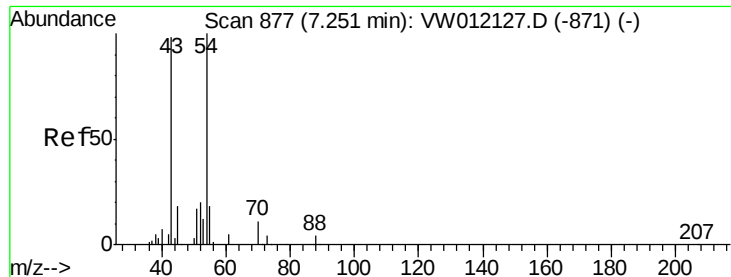
#36
 1,1-Dichloropropene
 Concen: 20.293 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 75 Resp: 69663
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.6 46.8
 77 30.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

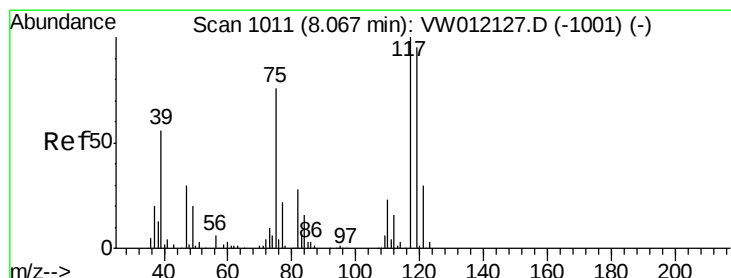
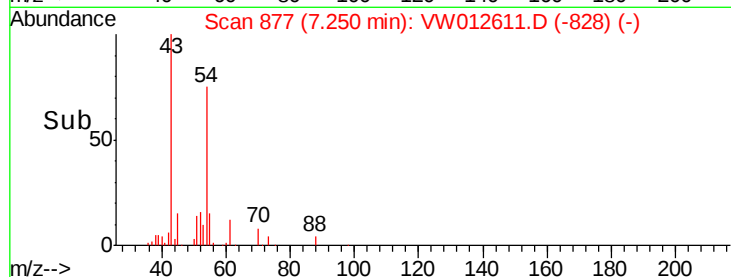
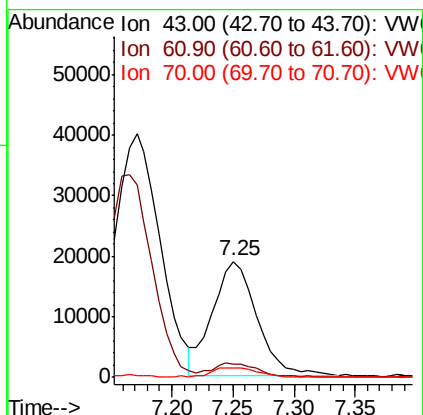
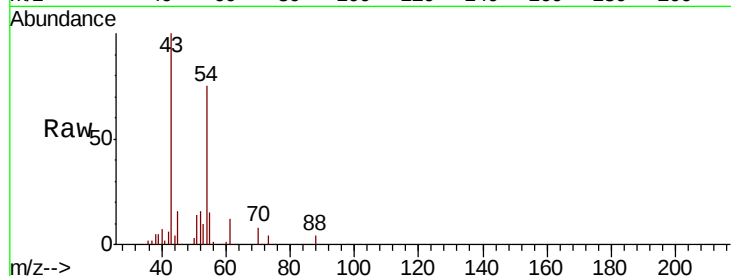




#37
Ethyl Acetate
Concen: 25.400 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

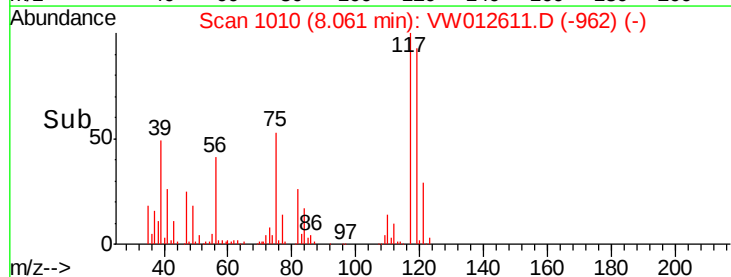
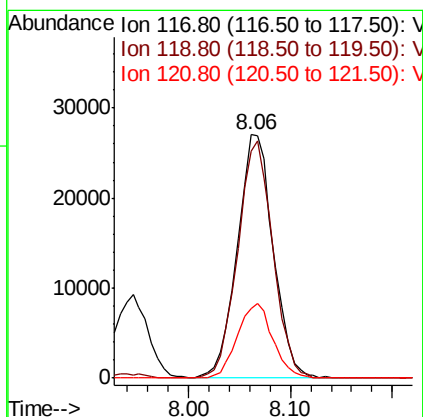
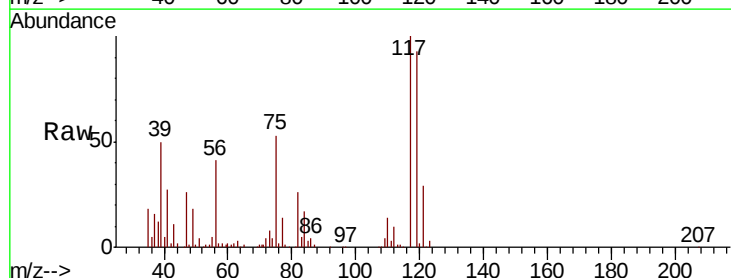
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

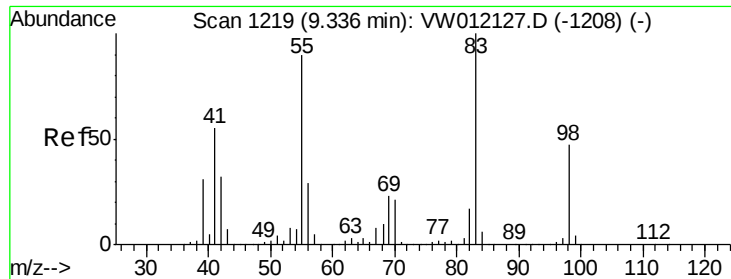
Tgt Ion: 43 Resp: 47781
Ion Ratio Lower Upper
43 100
61 13.1 9.2 13.8
70 9.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 22.243 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 117 Resp: 66088
Ion Ratio Lower Upper
117 100
119 93.3 76.2 114.2
121 28.6 23.8 35.8

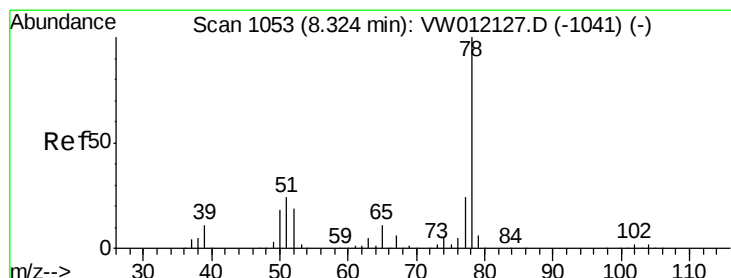
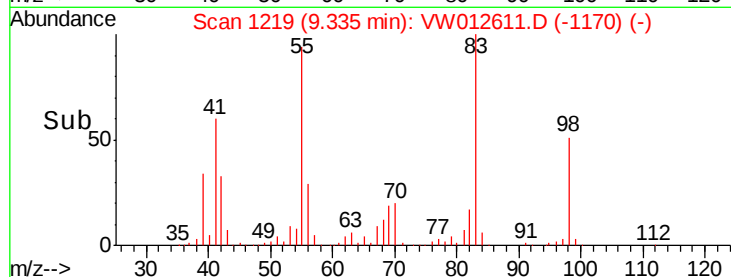
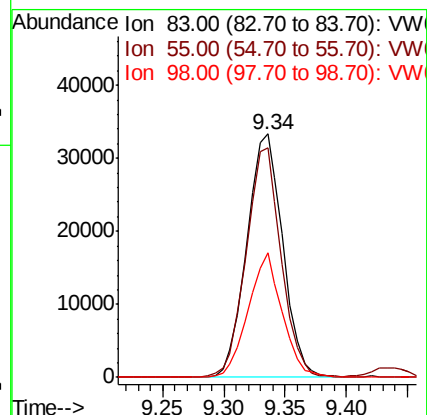
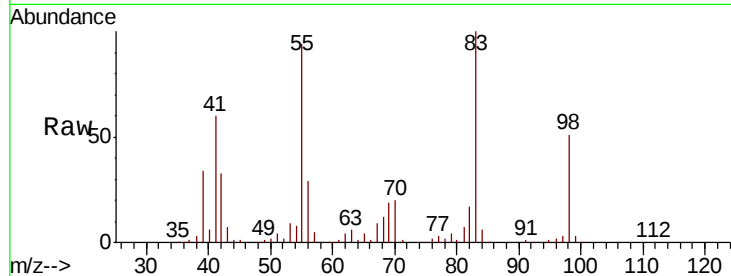




#39
Methylcyclohexane
Concen: 17.677 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

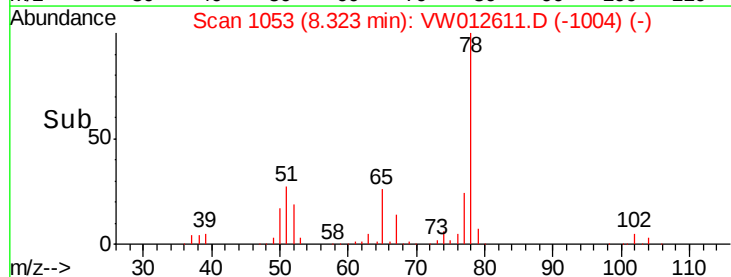
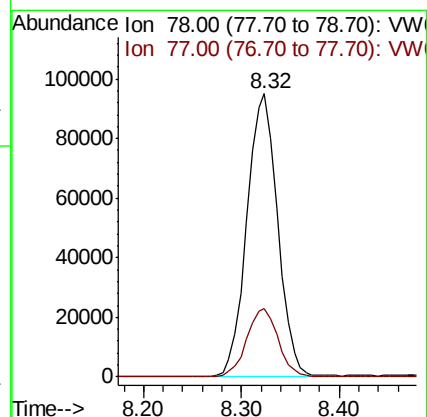
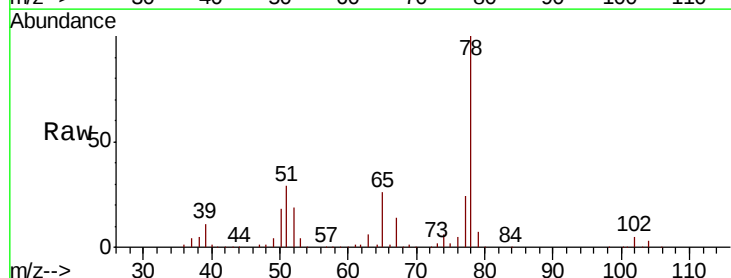
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

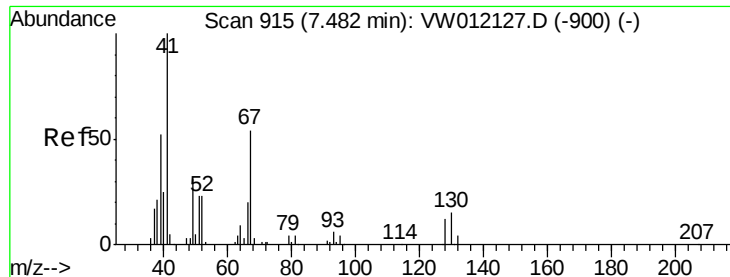
Tgt Ion: 83 Resp: 68171
Ion Ratio Lower Upper
83 100
55 94.1 71.8 107.8
98 51.0 37.8 56.8



#40
Benzene
Concen: 22.184 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 78 Resp: 207940
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

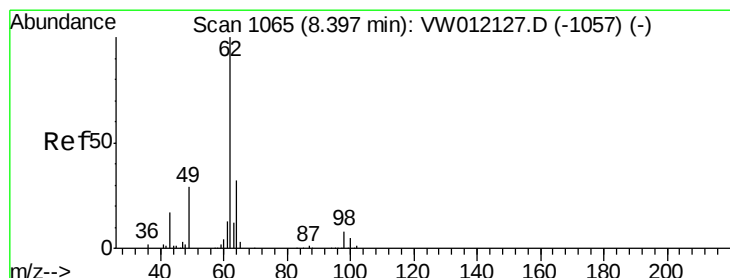
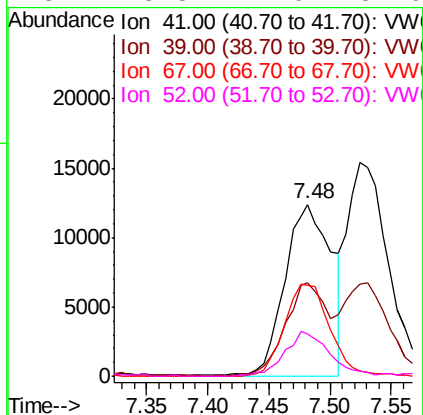
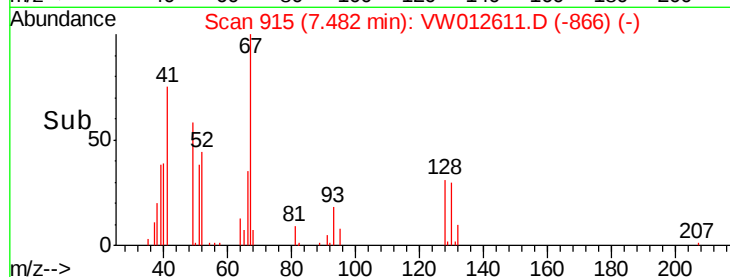
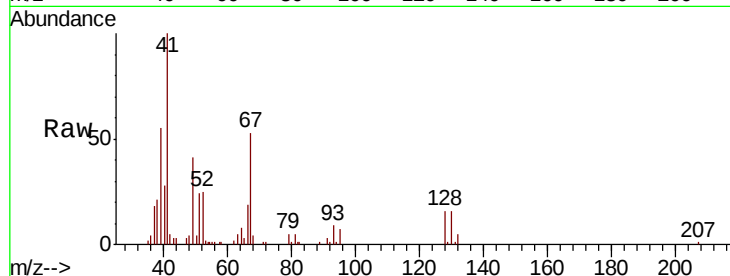




#41
Methacrylonitrile
Concen: 29.798 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

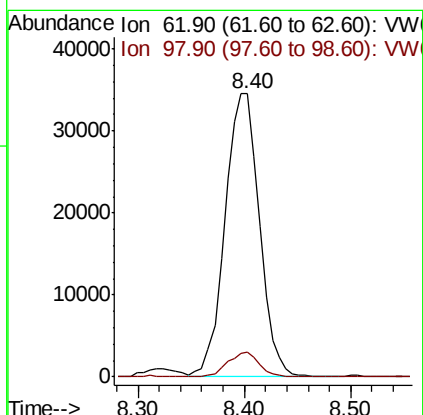
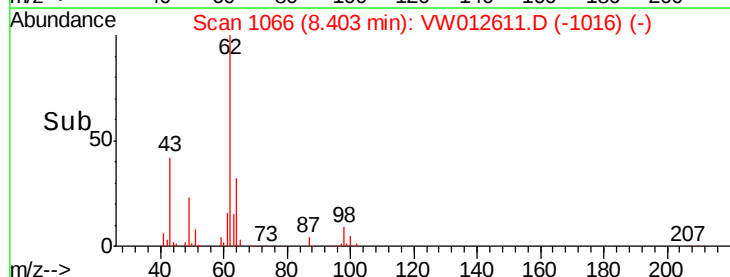
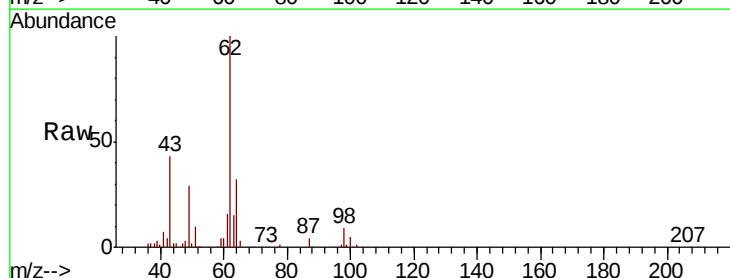
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

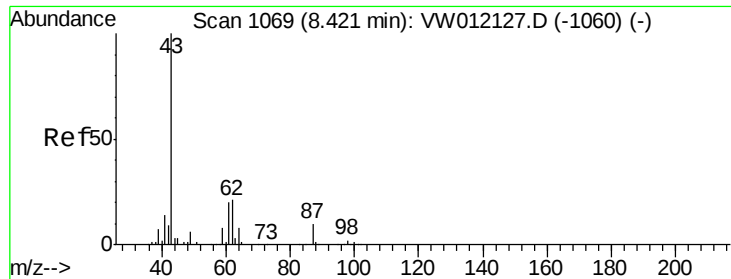
Tgt Ion:	41	Resp:	32945
Ion	Ratio	Lower	Upper
41	100		
39	47.6	45.8	68.8
67	52.3	46.2	69.4
52	25.8	21.0	31.6



#42
1,2-Dichloroethane
Concen: 26.672 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion:	62	Resp:	78356
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 26.264 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

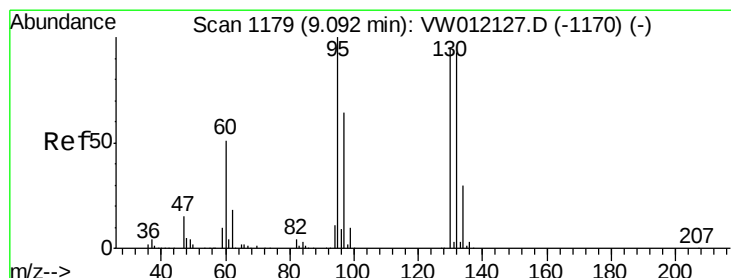
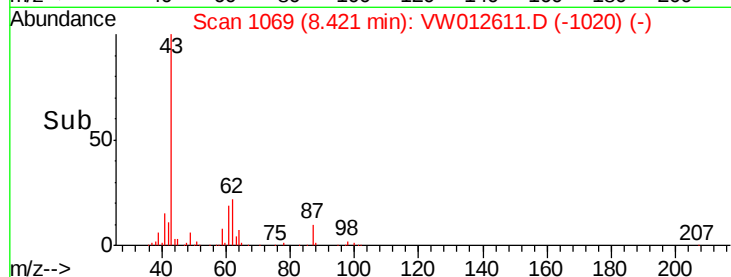
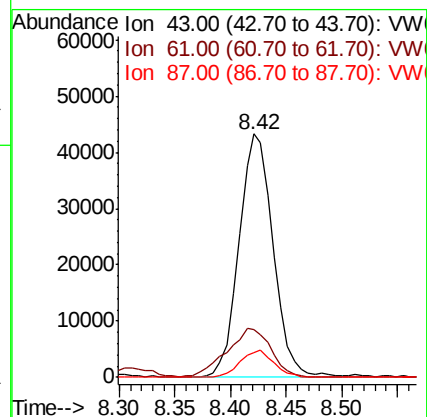
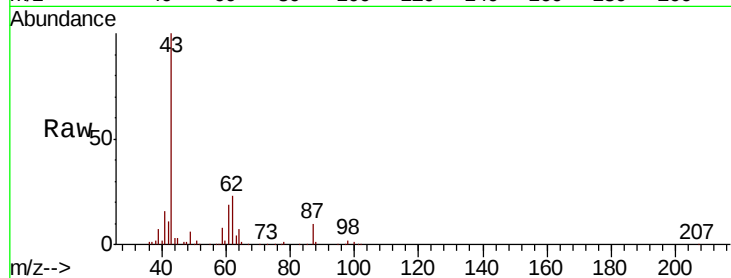
Tgt Ion: 43 Resp: 91514

Ion Ratio Lower Upper

43 100

61 25.8 21.1 31.7

87 10.9 8.2 12.2



#44

Trichloroethene

Concen: 22.459 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012611.D

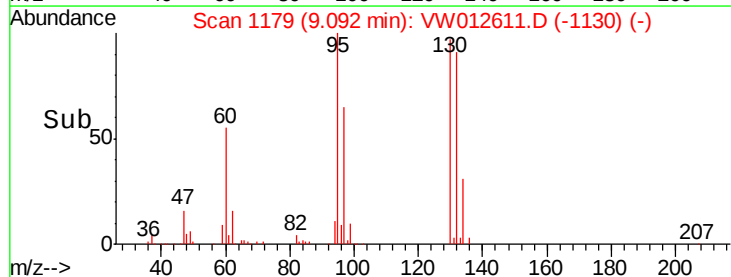
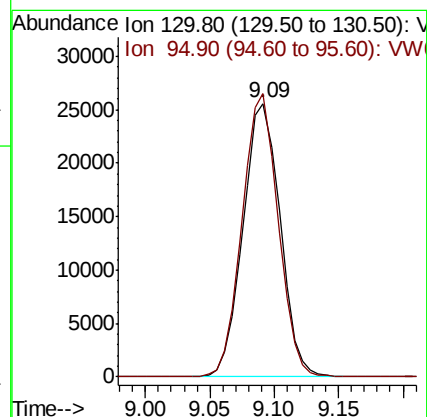
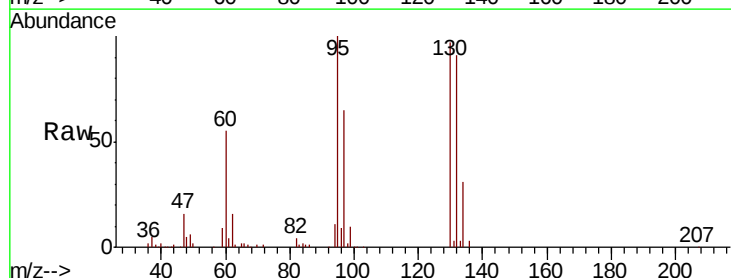
Acq: 05 Sep 2019 01:49

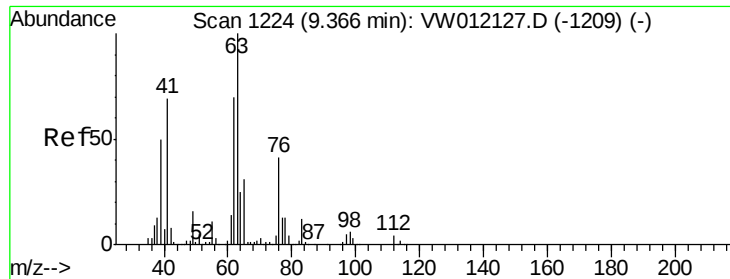
Tgt Ion: 130 Resp: 51177

Ion Ratio Lower Upper

130 100

95 103.5 0.0 210.6

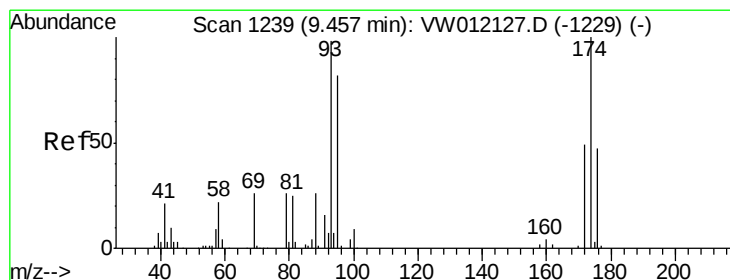
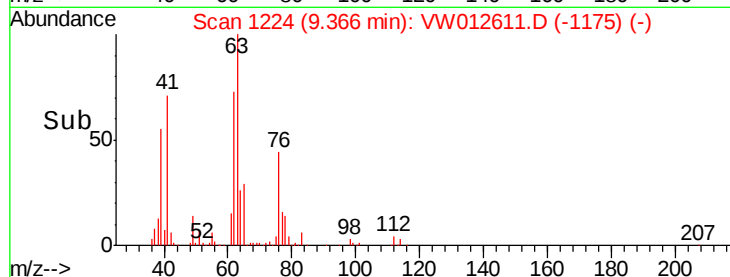
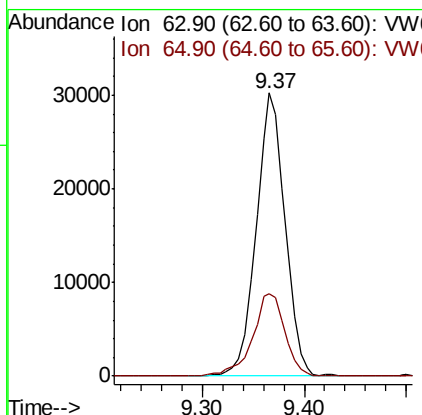
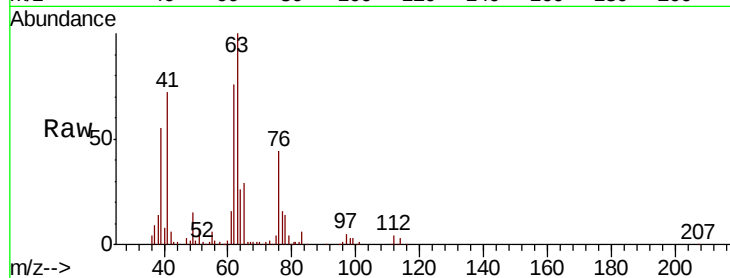




#45
 1,2-Dichloropropane
 Concen: 23.577 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

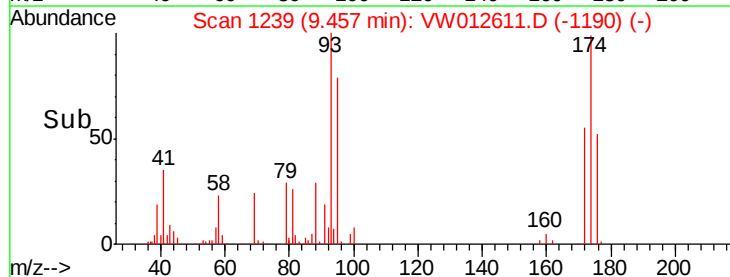
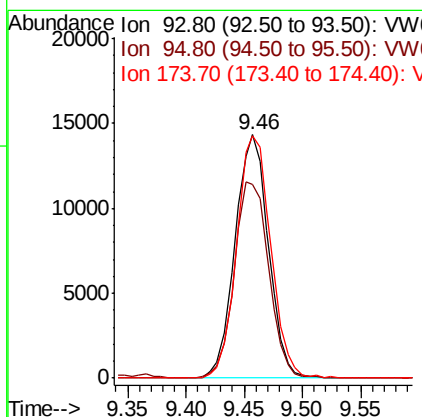
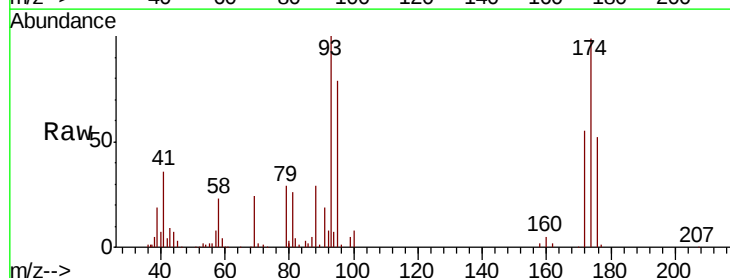
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion: 63 Resp: 59478
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.4



#46
 Dibromomethane
 Concen: 25.526 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 93 Resp: 28651
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 101.4 79.0 118.6





#47

Bromodichloromethane

Concen: 25.229 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

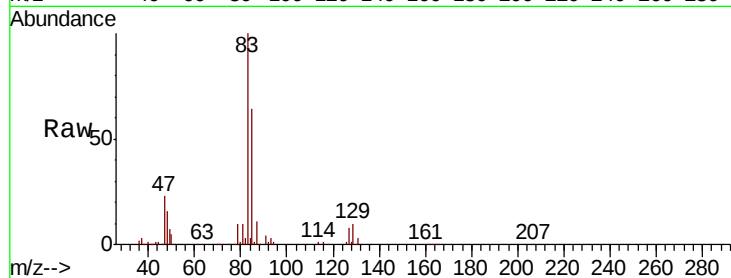
Tgt Ion: 83 Resp: 75365

Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.2

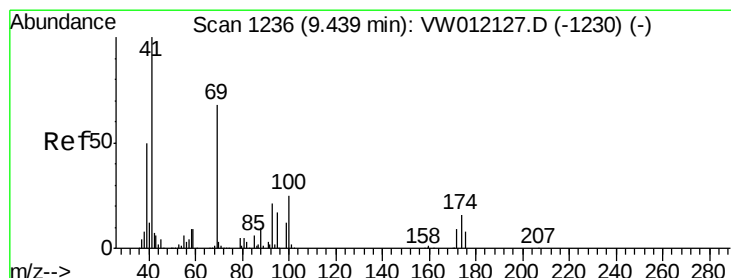
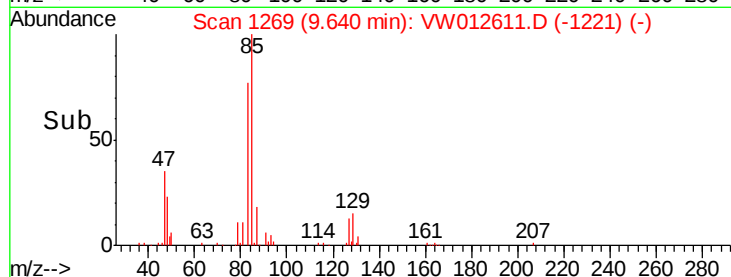
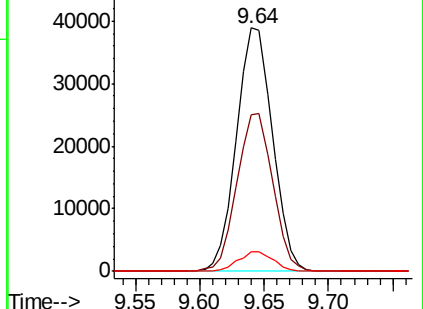
127 8.2 6.1 9.1



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: 26.275 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

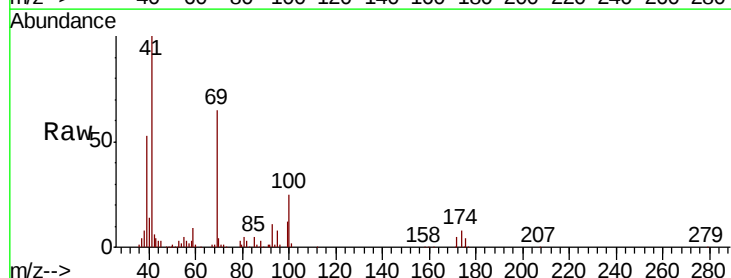
Tgt Ion: 41 Resp: 43575

Ion Ratio Lower Upper

41 100

69 71.9 56.7 85.1

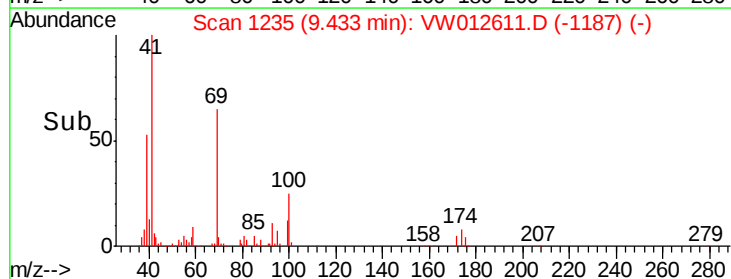
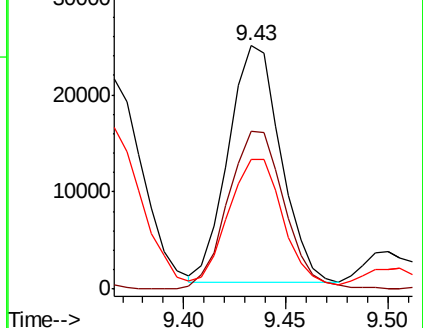
39 57.8 42.0 63.0

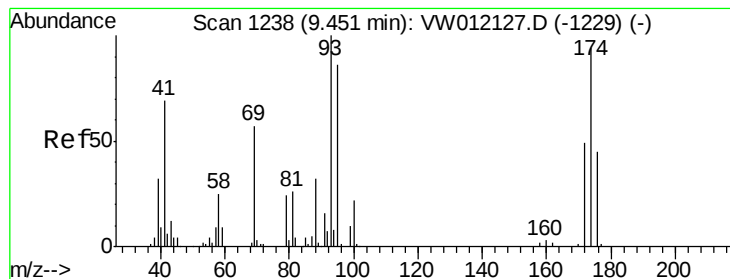


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 547.228 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

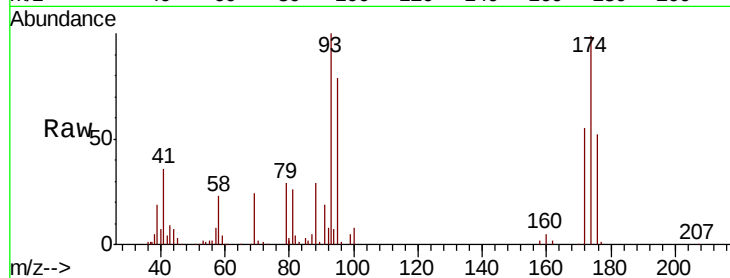
Tgt Ion: 88 Resp: 9403

Ion Ratio Lower Upper

88 100

43 28.8 32.9 49.3#

58 84.1 71.0 106.4

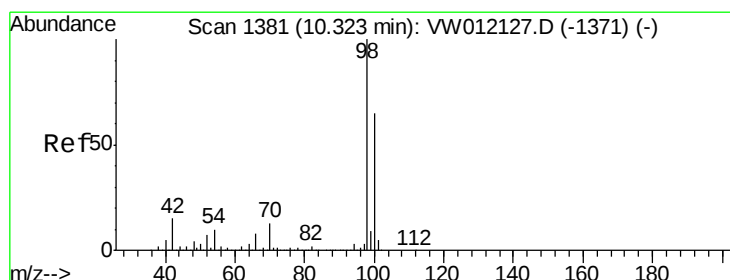
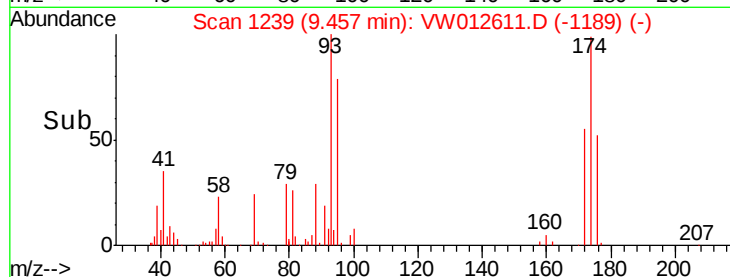
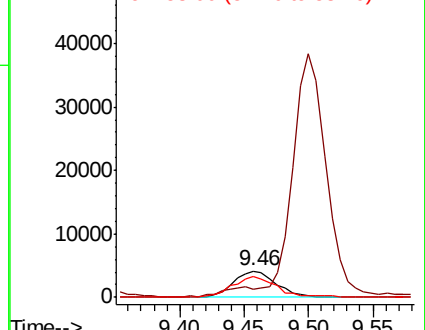


Abundance

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: 50.003 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012611.D

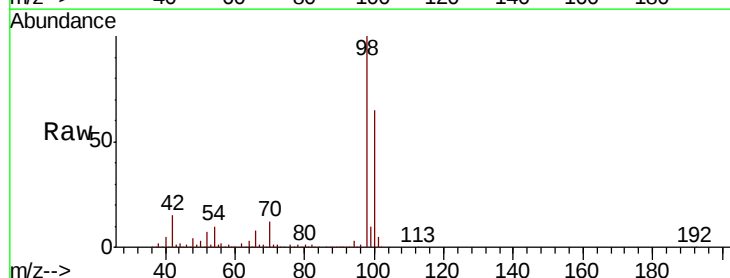
Acq: 05 Sep 2019 01:49

Tgt Ion: 98 Resp: 402022

Ion Ratio Lower Upper

98 100

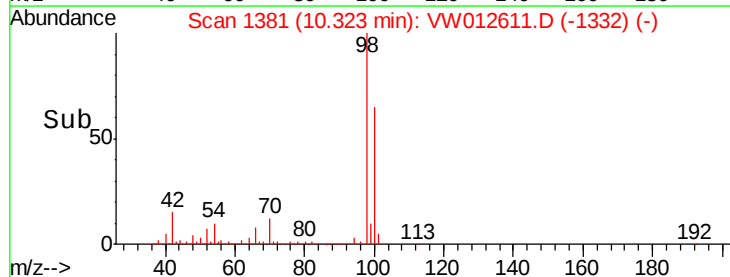
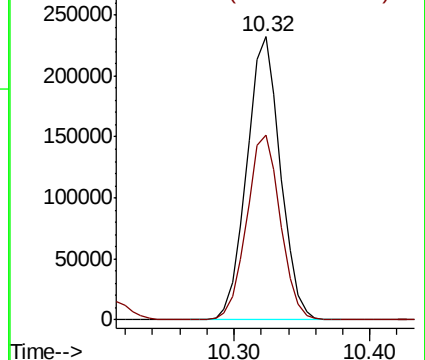
100 65.4 52.4 78.6

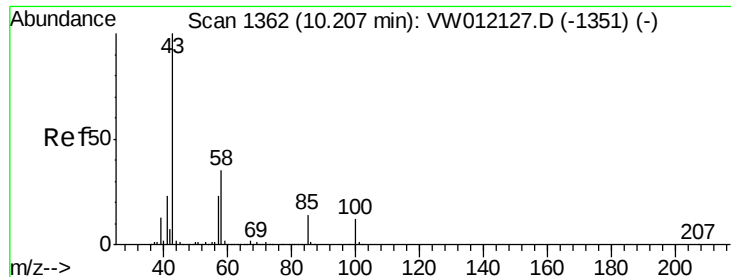


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 135.185 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

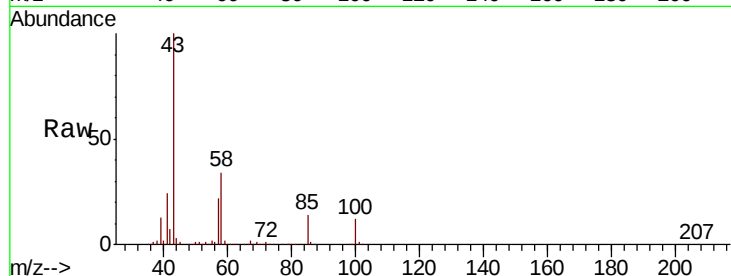
VW0904SBS02

Tgt Ion: 43 Resp: 239587

Ion Ratio Lower Upper

43 100

58 34.7 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

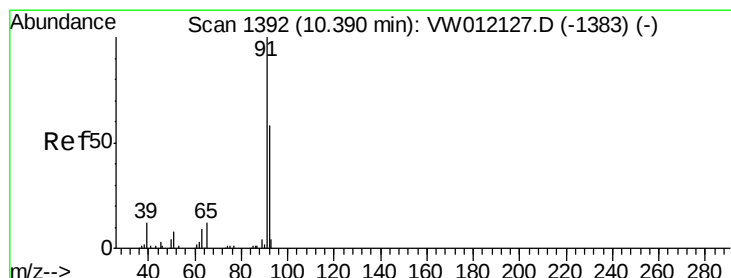
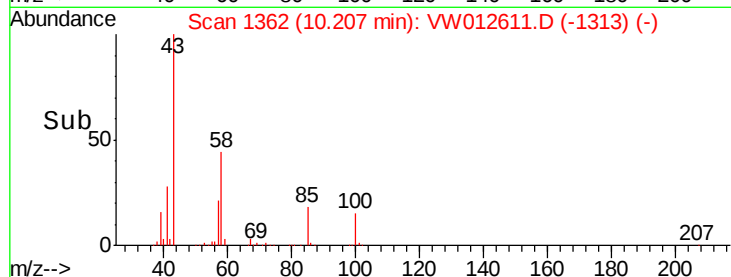
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.771 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012611.D

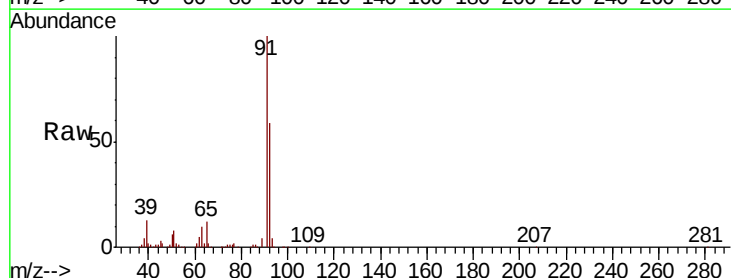
Acq: 05 Sep 2019 01:49

Tgt Ion: 92 Resp: 128226

Ion Ratio Lower Upper

92 100

91 172.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

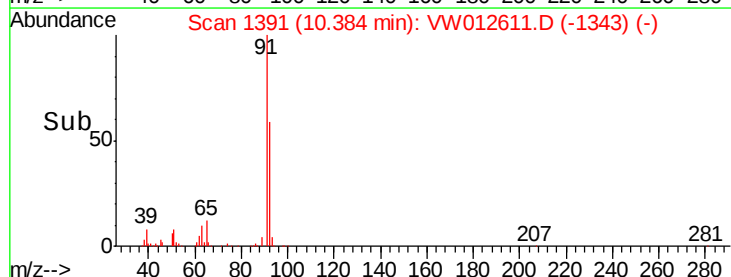
10.38

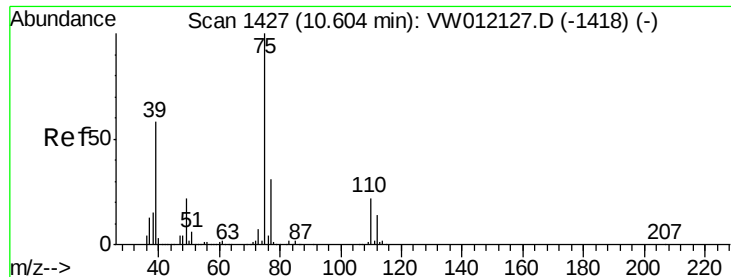
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 24.524 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

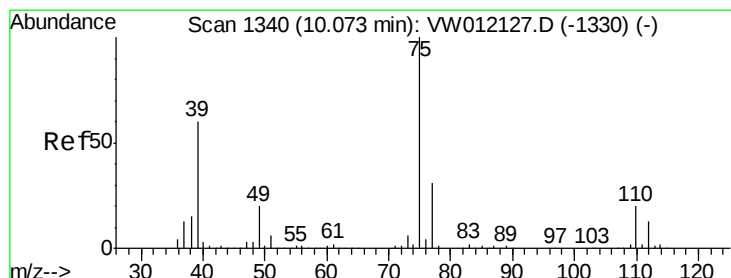
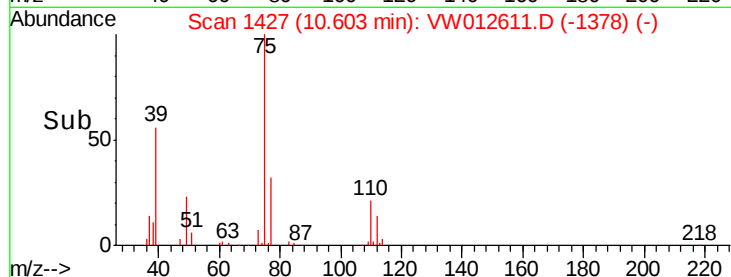
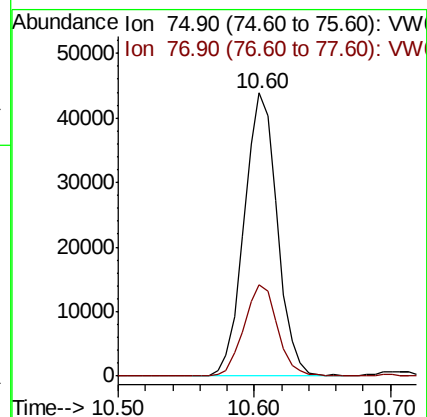
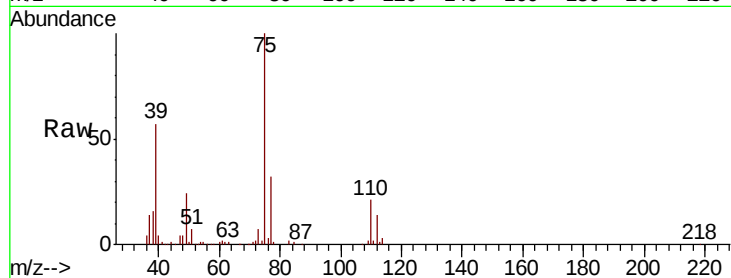
VW0904SBS02

Tgt Ion: 75 Resp: 74623

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 23.484 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

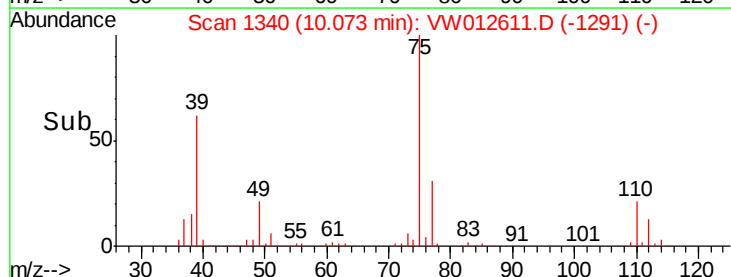
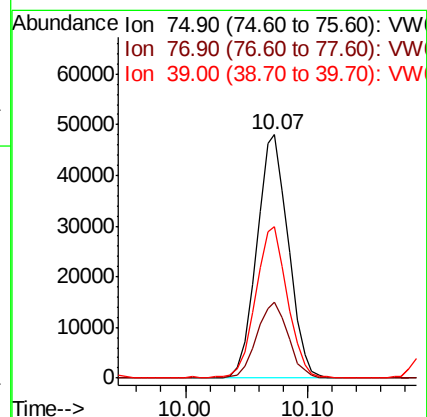
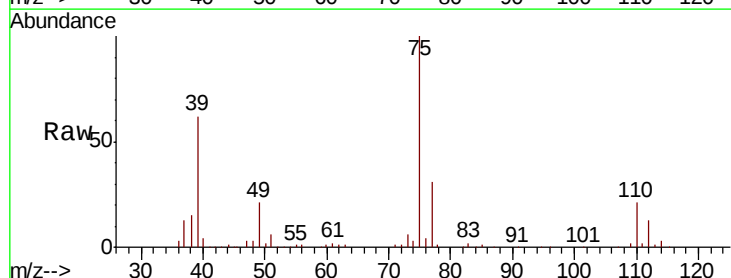
Tgt Ion: 75 Resp: 86283

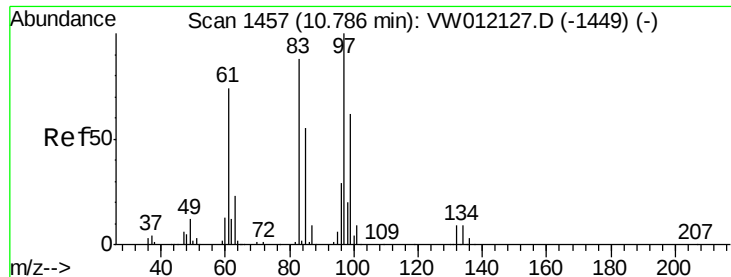
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 62.1 48.3 72.5

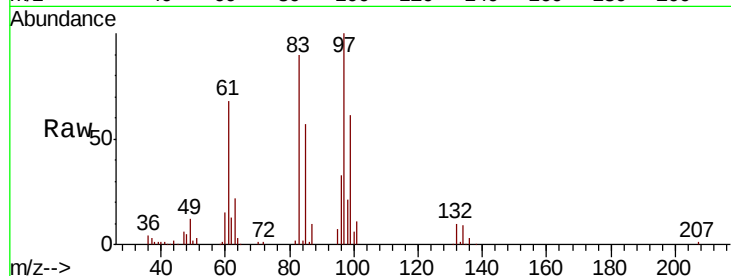




#55
 1,1,2-Trichloroethane
 Concen: 26.576 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion:	97	Resp:	42205
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.8	106.2
85	56.9	43.8	65.8
99	60.6	49.8	74.6



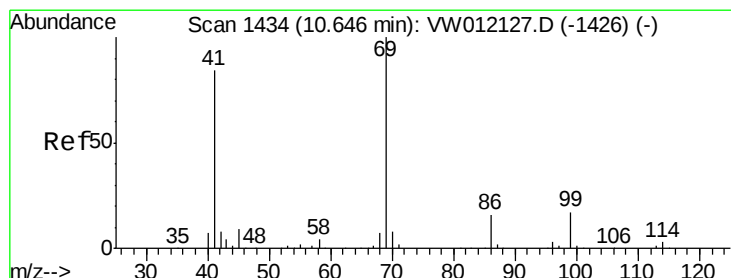
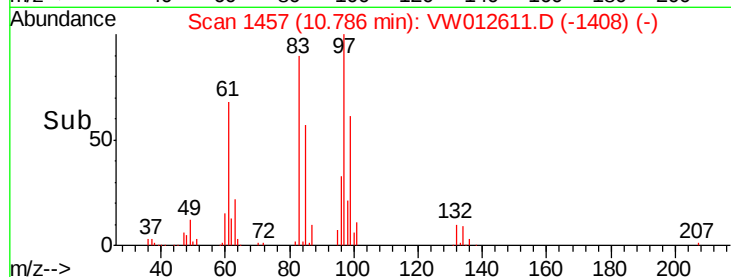
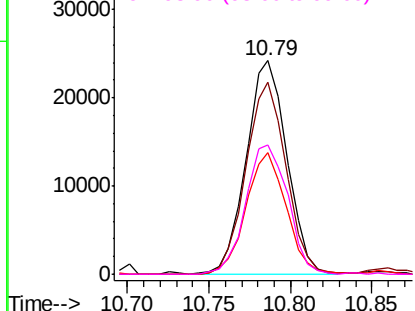
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

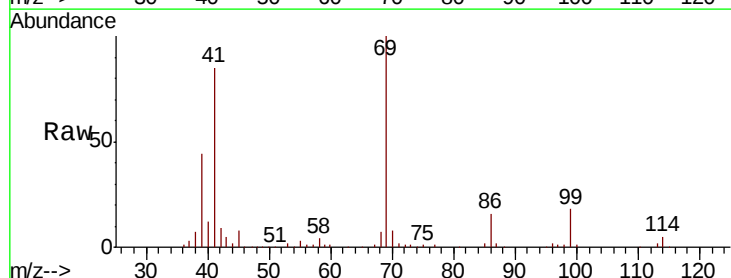
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 25.827 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion:	69	Resp:	59695
Ion	Ratio	Lower	Upper
69	100		
41	82.0	66.5	99.7
39	39.0	31.0	46.4

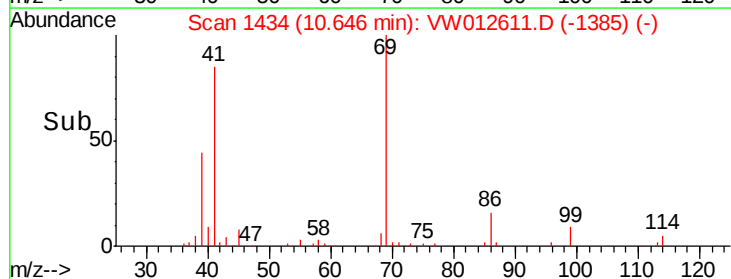
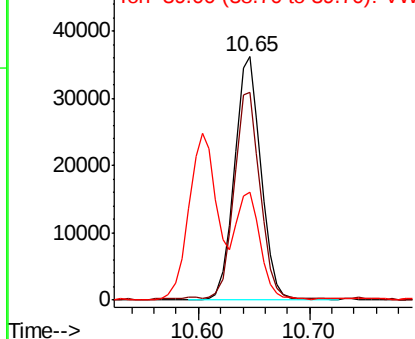


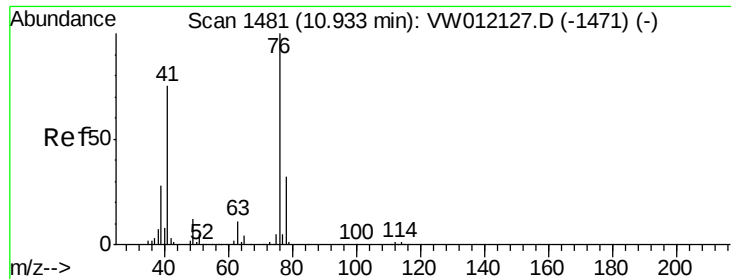
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

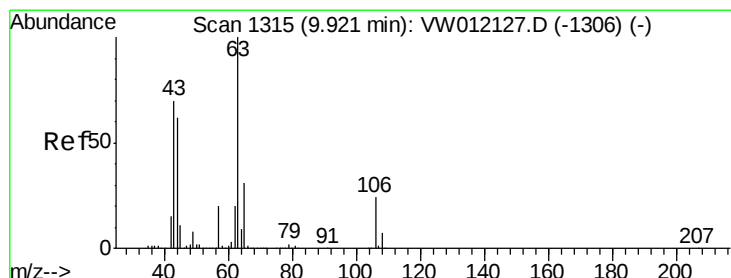
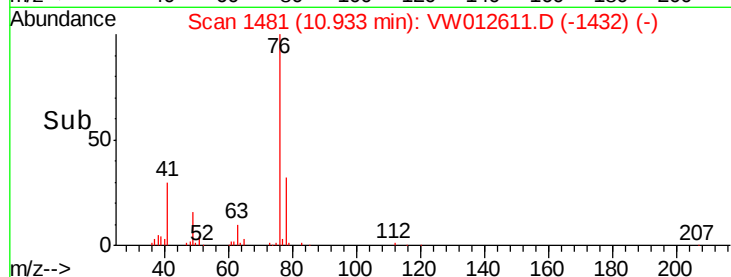
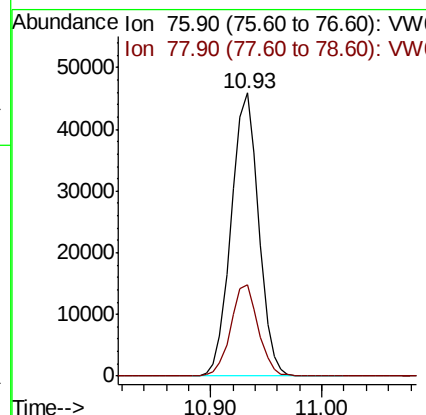
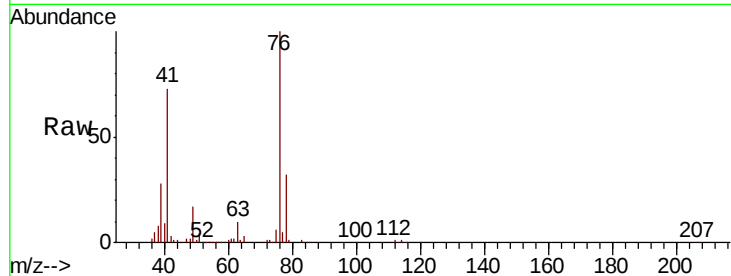




#57
 1,3-Dichloropropane
 Concen: 26.183 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

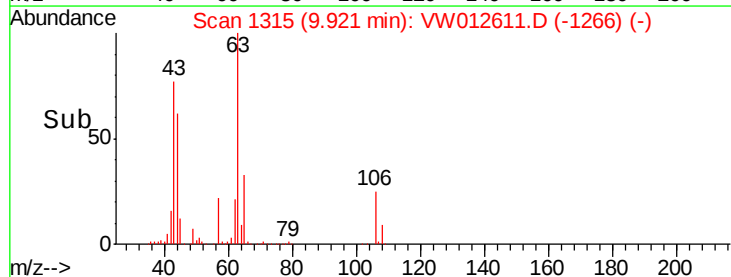
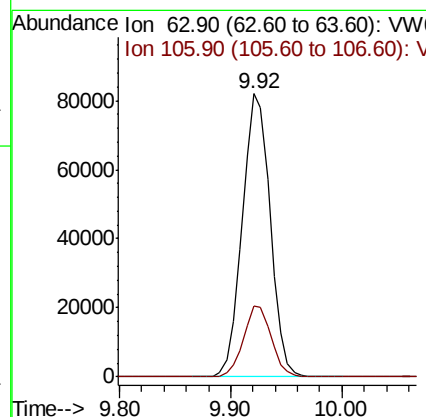
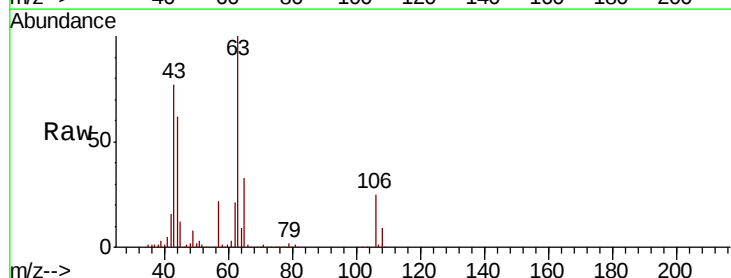
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion: 76 Resp: 78575
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.150 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 63 Resp: 142523
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8

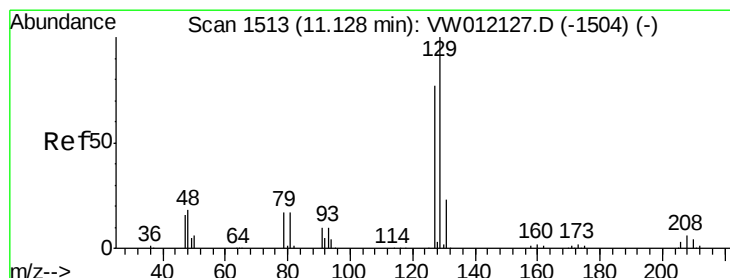
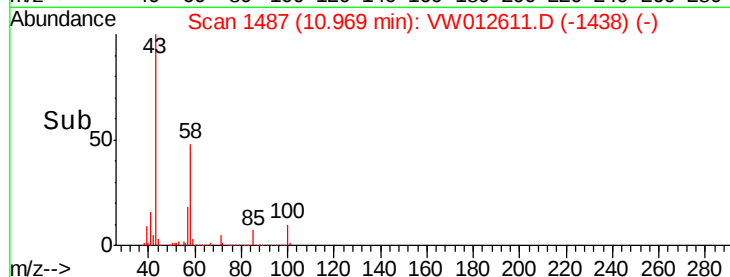
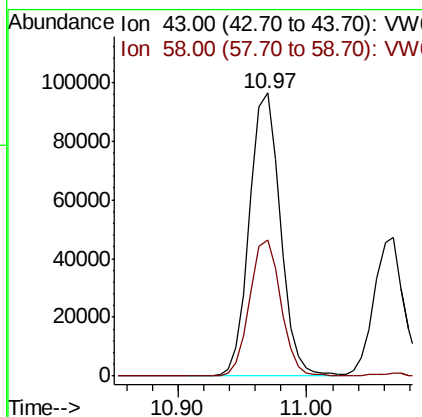
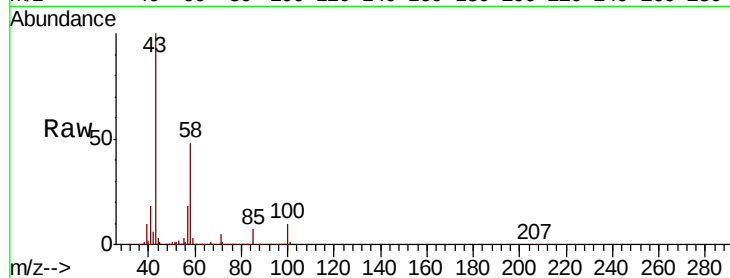




#59
2-Hexanone
Concen: 127.099 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

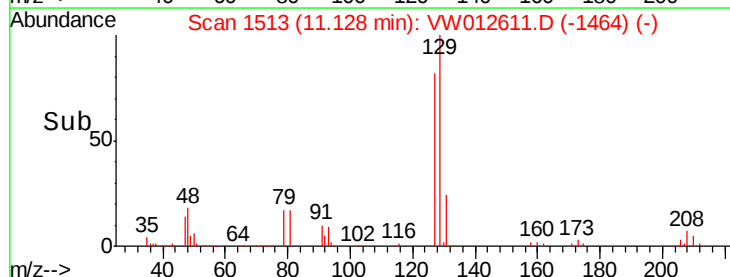
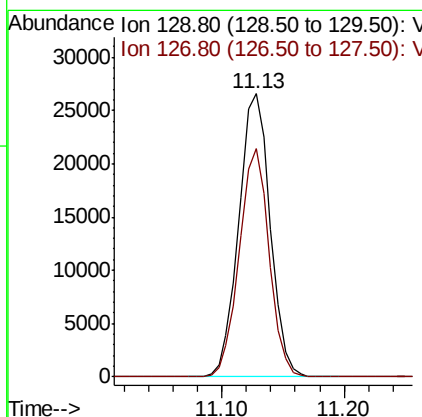
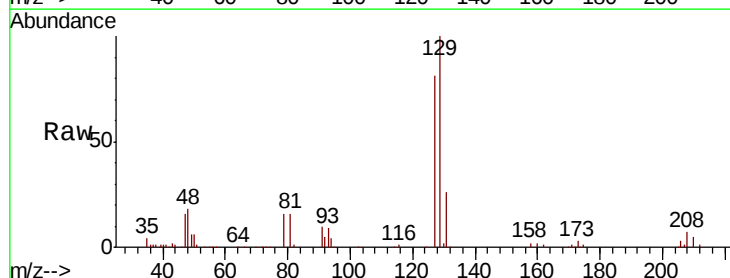
Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

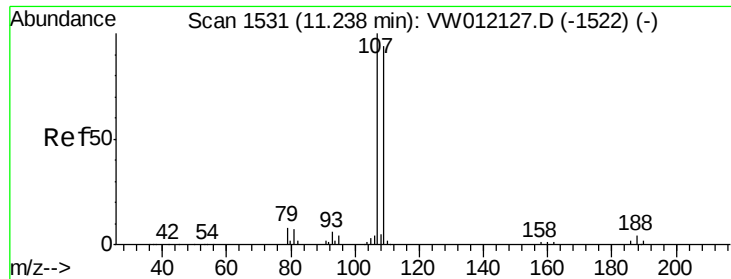
Tgt Ion: 43 Resp: 159383
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9



#60
Dibromochloromethane
Concen: 26.689 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 129 Resp: 47209
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8

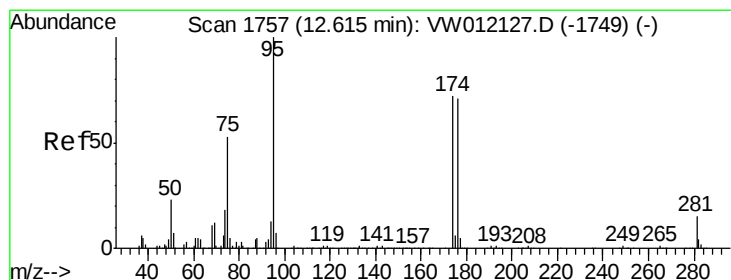
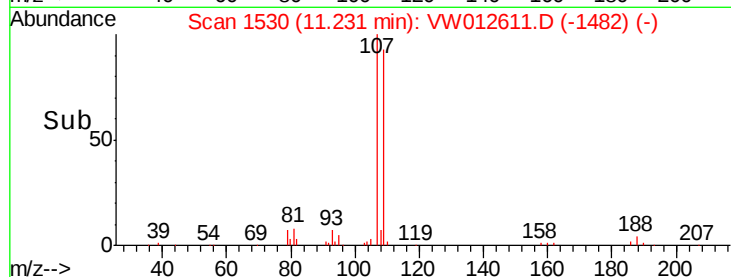
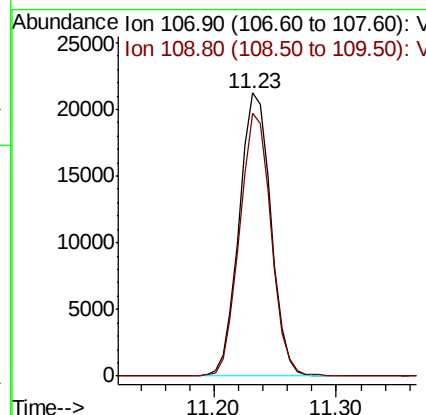
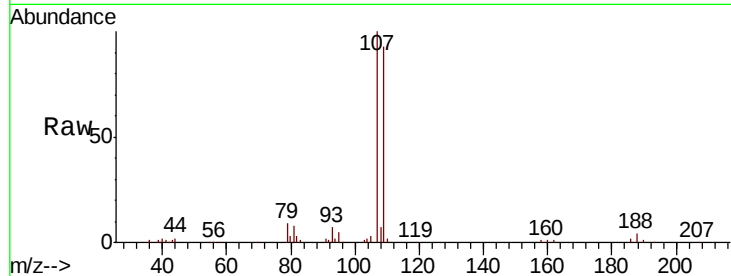




#61
 1,2-Dibromoethane
 Concen: 25.727 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

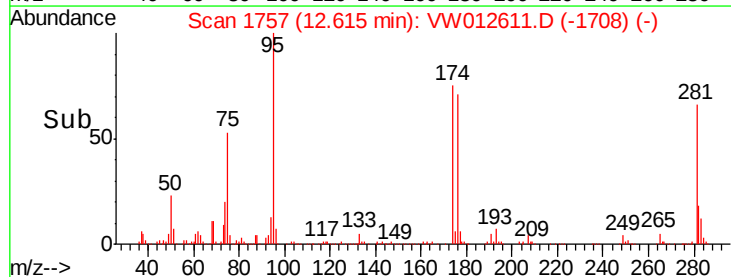
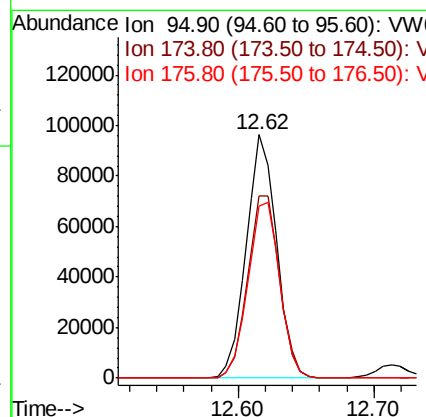
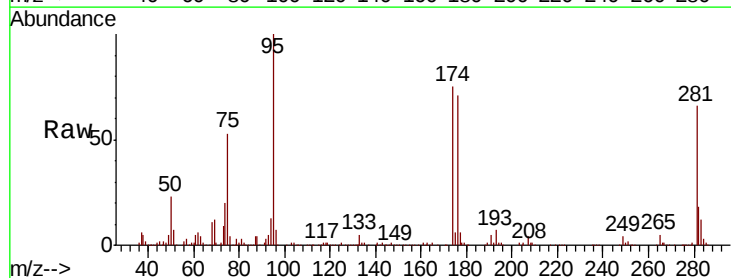
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

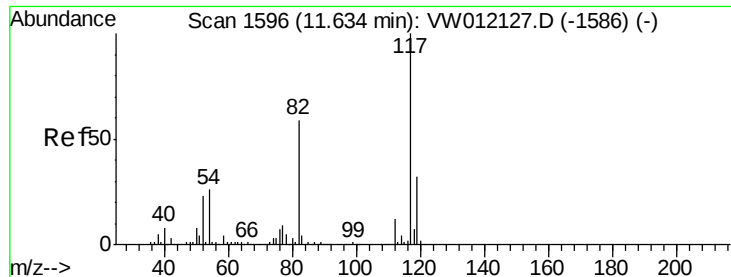
Tgt Ion: 107 Resp: 38063
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 53.066 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion: 95 Resp: 150391
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 150.8
 176 76.0 0.0 148.6

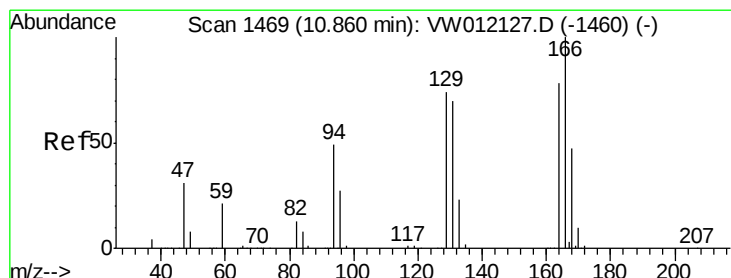
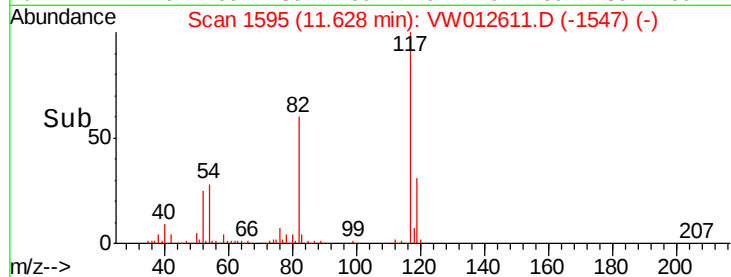
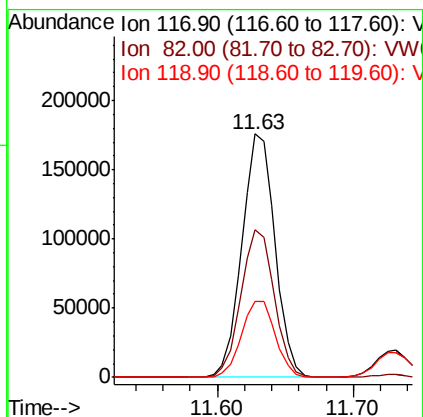
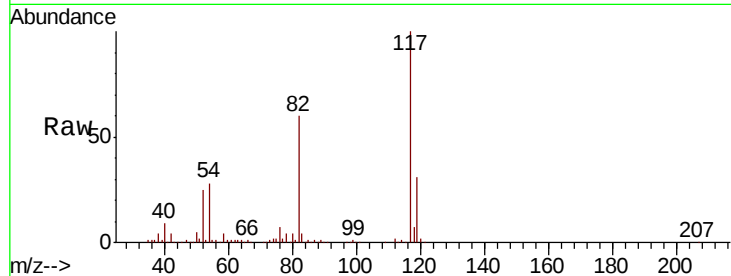




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

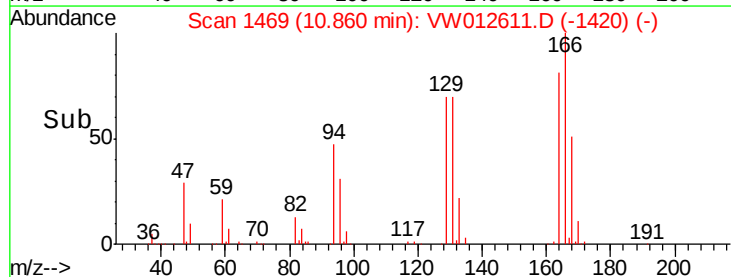
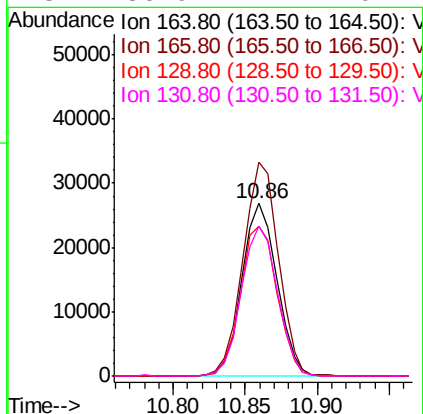
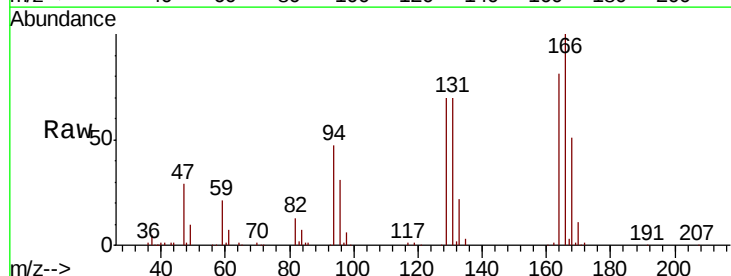
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

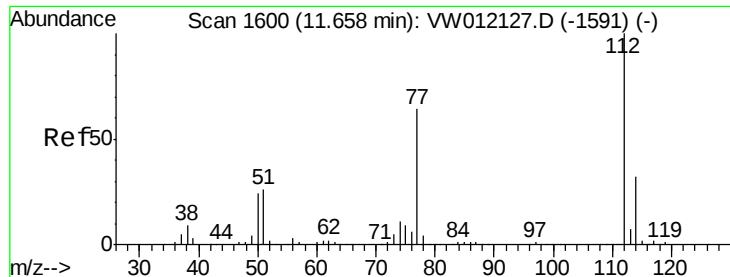
Tgt Ion:117 Resp: 299416
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.2 25.4 38.2



#64
Tetrachloroethene
Concen: 23.303 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion:164 Resp: 45236
Ion Ratio Lower Upper
164 100
166 123.9 102.4 153.6
129 86.7 75.8 113.6
131 86.9 71.4 107.2

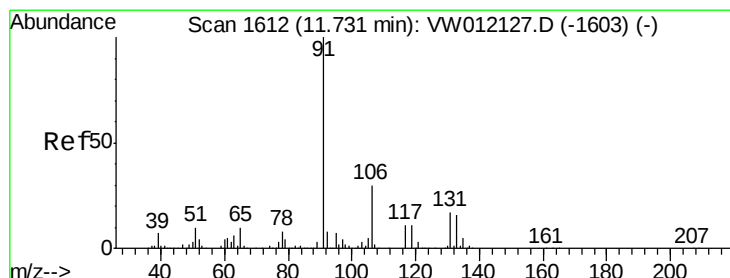
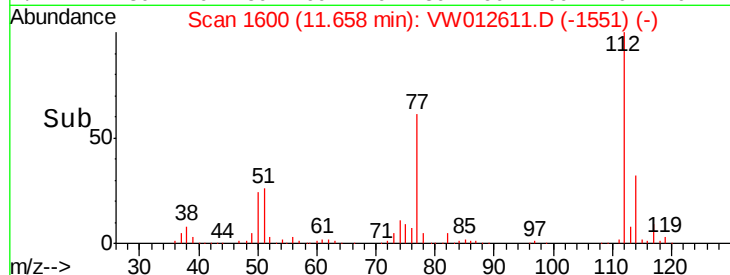
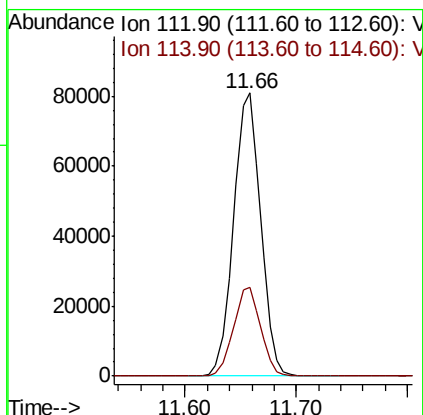
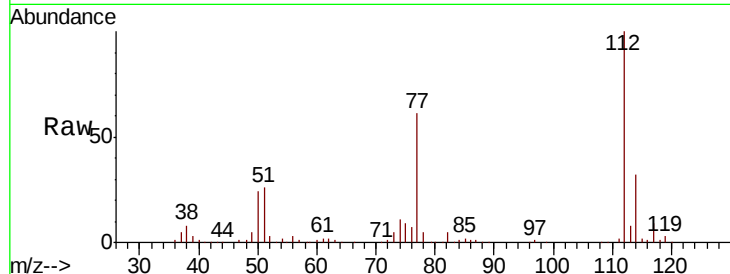




#65
Chlorobenzene
Concen: 23.053 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

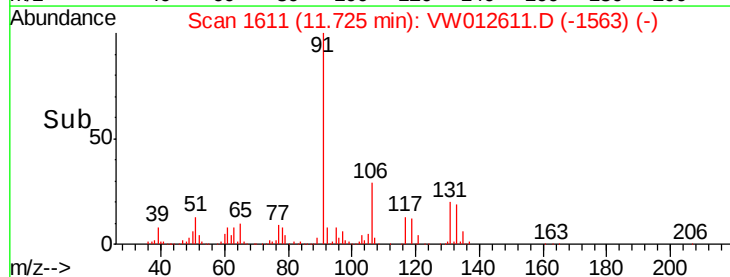
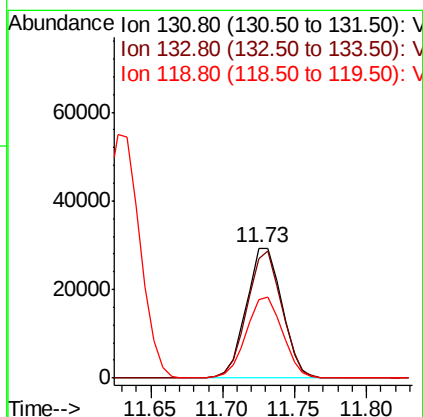
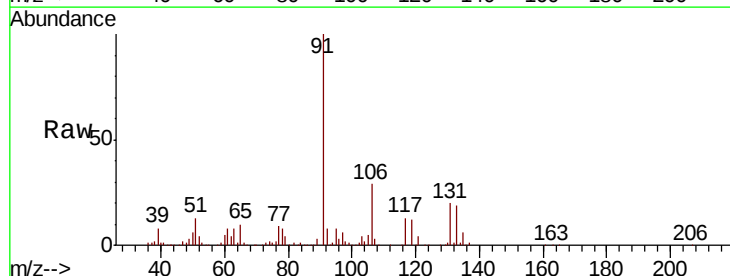
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

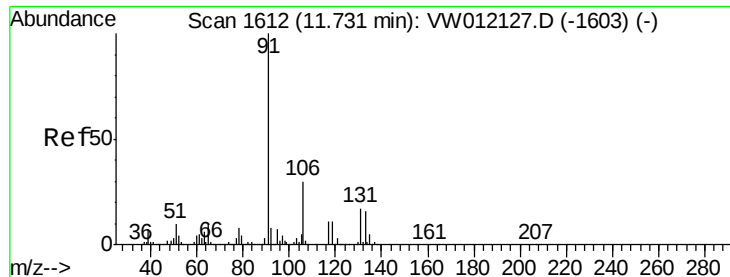
Tgt Ion:112 Resp: 135918
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.508 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion:131 Resp: 50407
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 63.5 31.8 95.3

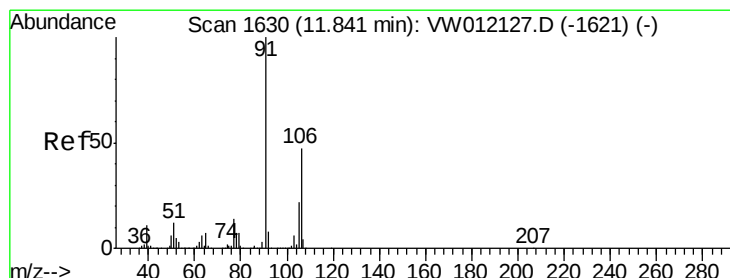
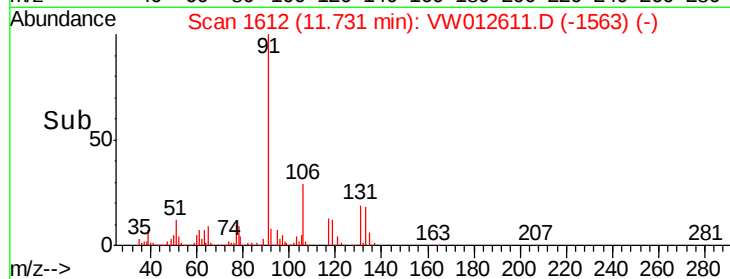
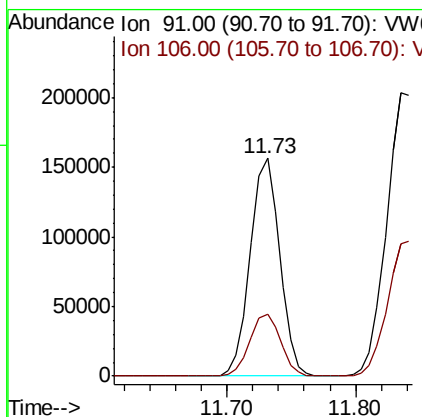
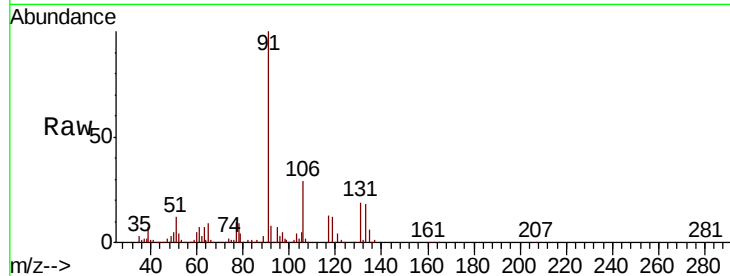




#67
Ethyl Benzene
Concen: 21.757 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

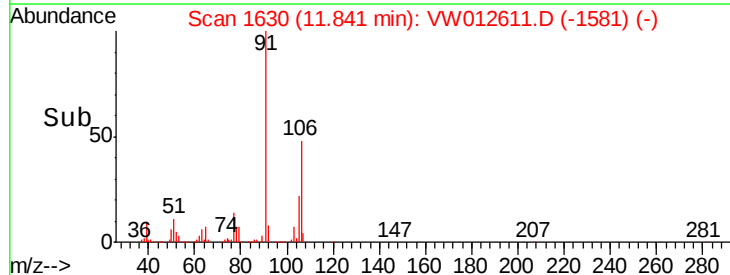
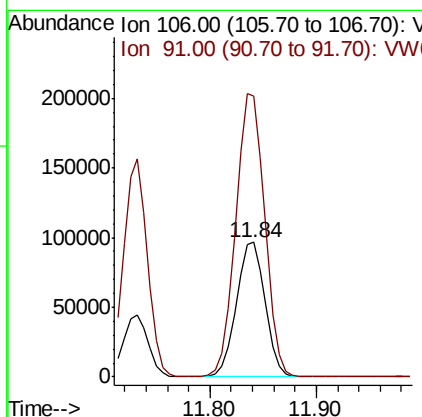
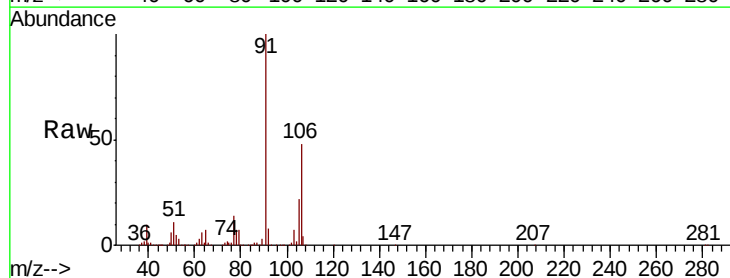
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

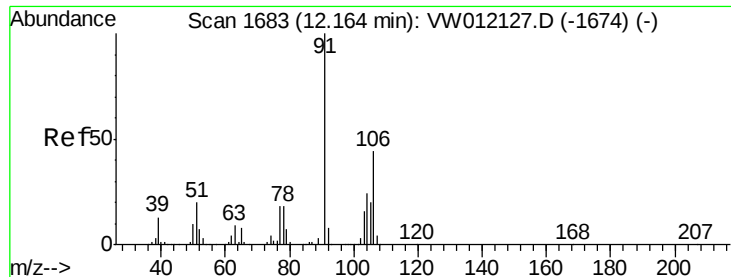
Tgt Ion: 91 Resp: 247100
Ion Ratio Lower Upper
91 100
106 28.7 24.3 36.5



#68
m/p-Xylenes
Concen: 44.725 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion: 106 Resp: 182970
Ion Ratio Lower Upper
106 100
91 212.8 169.5 254.3

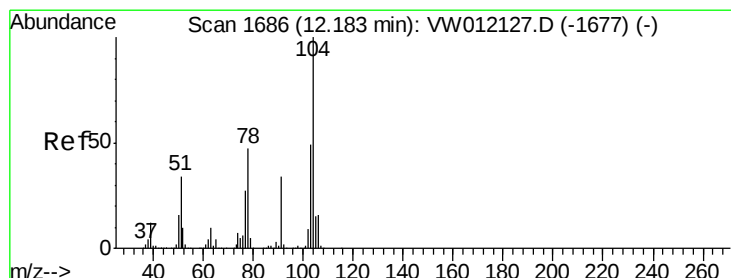
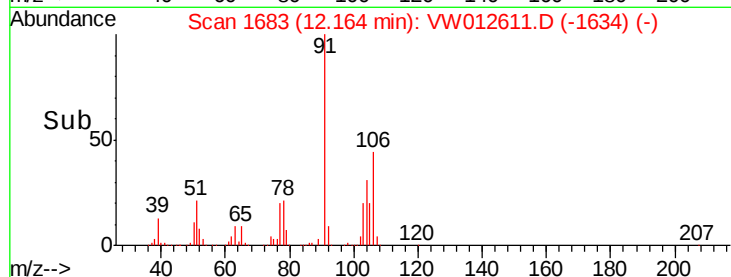
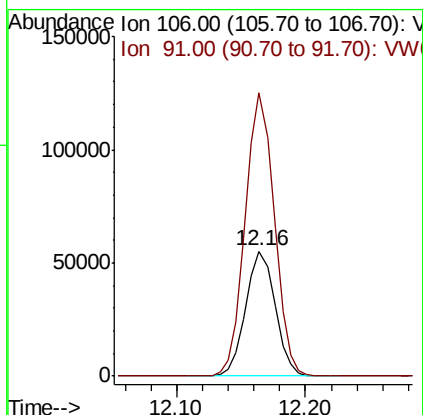
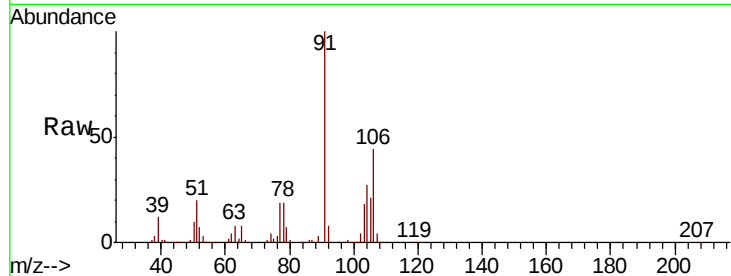




#69
o-Xylene
Concen: 23.073 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

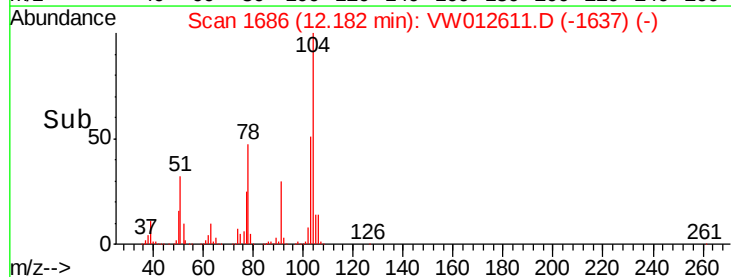
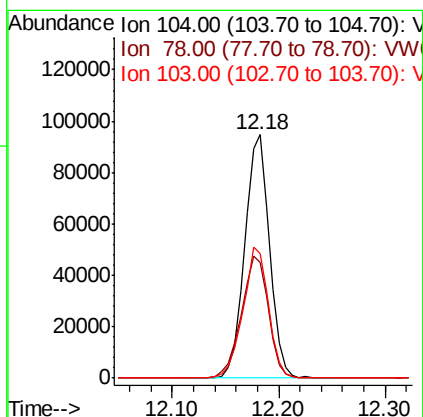
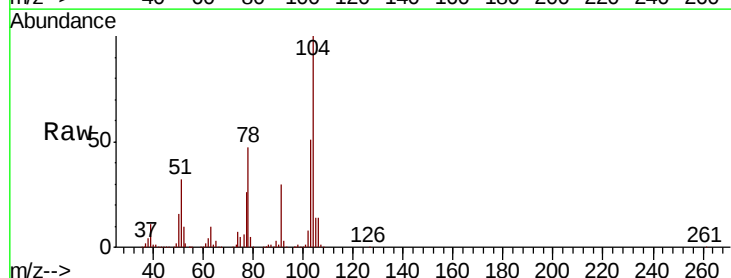
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

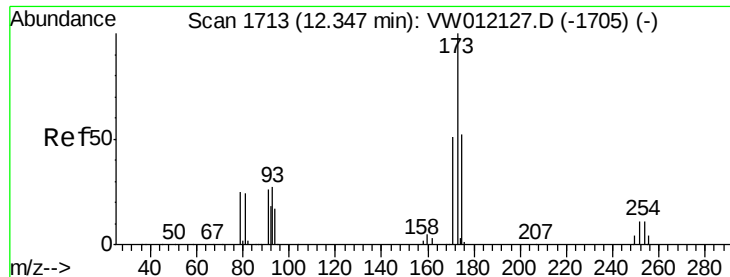
Tgt Ion:106 Resp: 87364
Ion Ratio Lower Upper
106 100
91 224.2 111.6 334.6



#70
Styrene
Concen: 23.626 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion:104 Resp: 154840
Ion Ratio Lower Upper
104 100
78 54.8 43.1 64.7
103 55.7 43.5 65.3





#71

Bromoform

Concen: 26.794 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

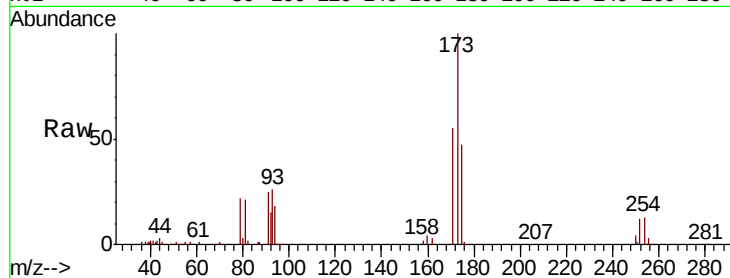
Tgt Ion:173 Resp: 27457

Ion Ratio Lower Upper

173 100

175 46.6 24.6 74.0

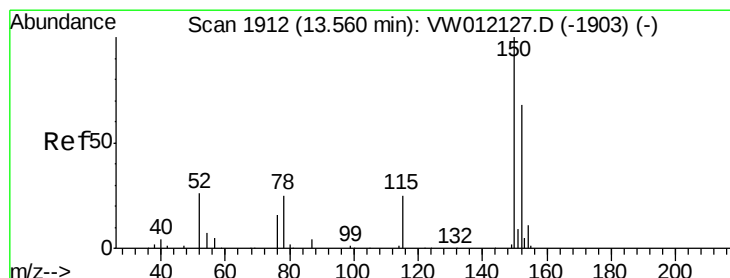
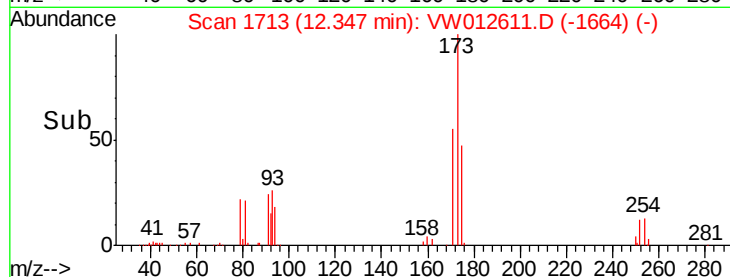
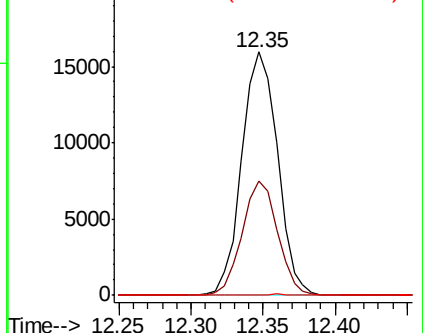
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

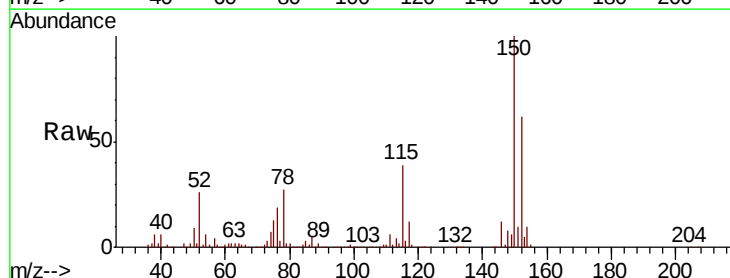
Tgt Ion:152 Resp: 148734

Ion Ratio Lower Upper

152 100

115 61.5 30.1 90.3

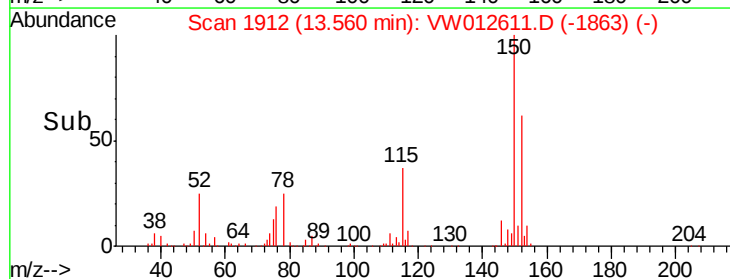
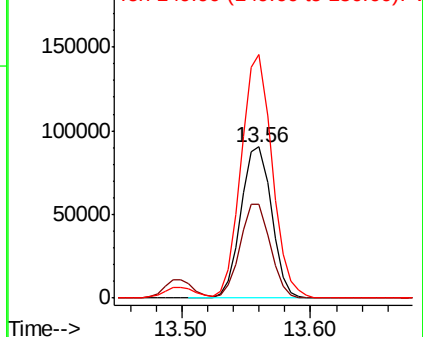
150 163.2 0.0 345.8

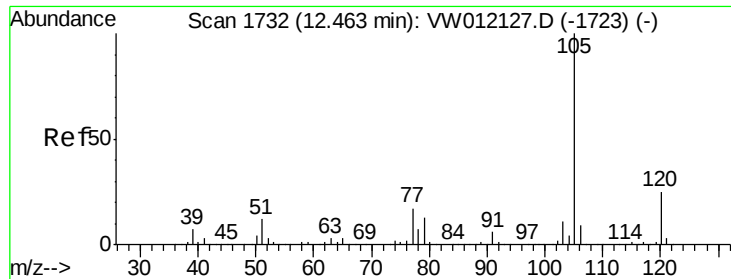


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.656 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

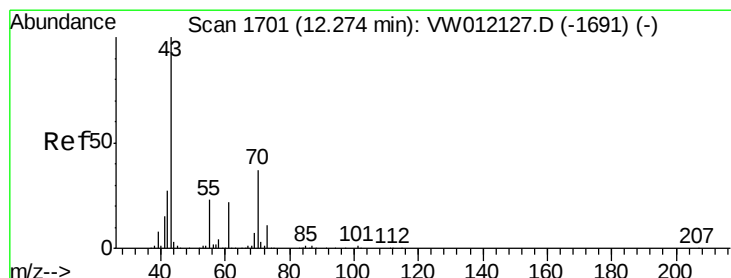
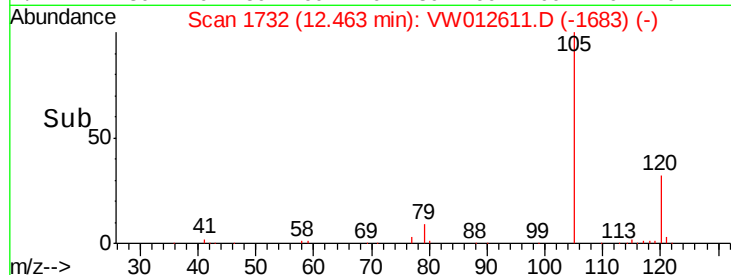
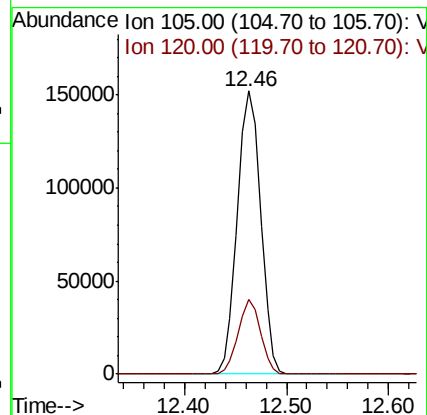
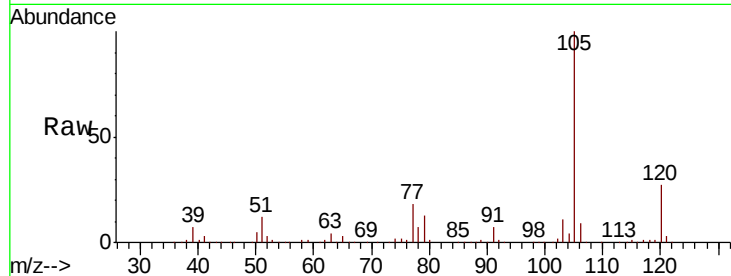
VW0904SBS02

Tgt Ion:105 Resp: 241357

Ion Ratio Lower Upper

105 100

120 25.2 12.5 37.5



#74

N-ethyl acetate

Concen: 23.719 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion: 43 Resp: 79865

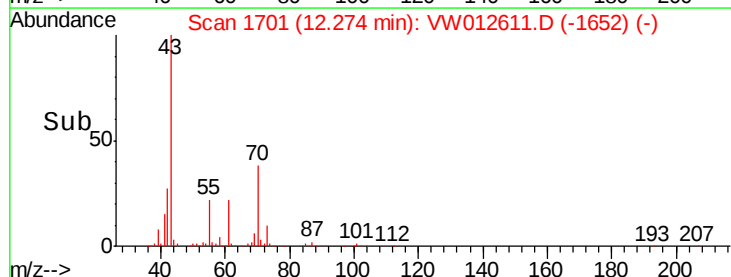
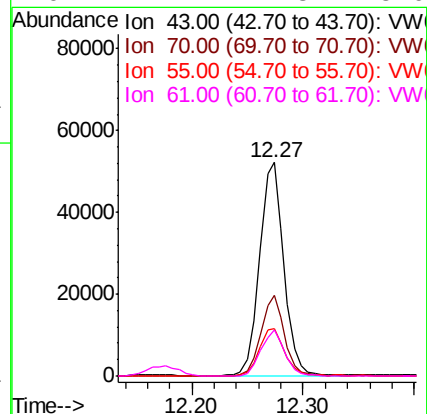
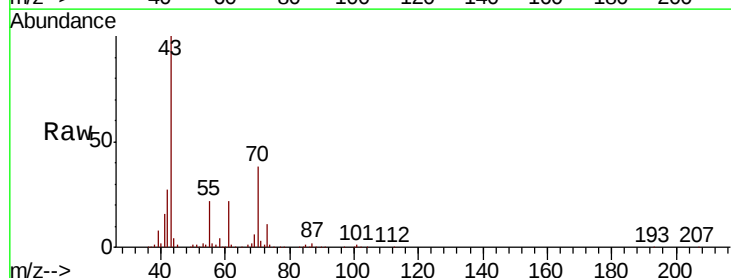
Ion Ratio Lower Upper

43 100

70 36.5 28.6 43.0

55 23.2 17.8 26.6

61 21.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.338 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

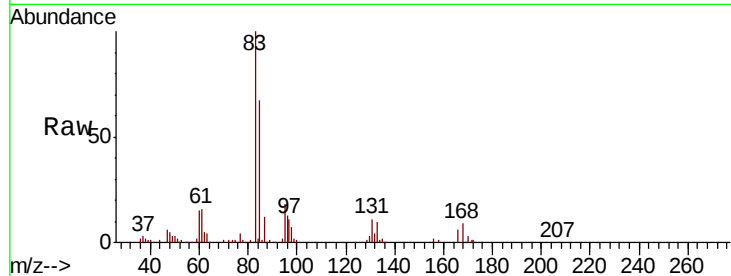
Tgt Ion: 83 Resp: 49726

Ion Ratio Lower Upper

83 100

131 10.7 4.9 14.7

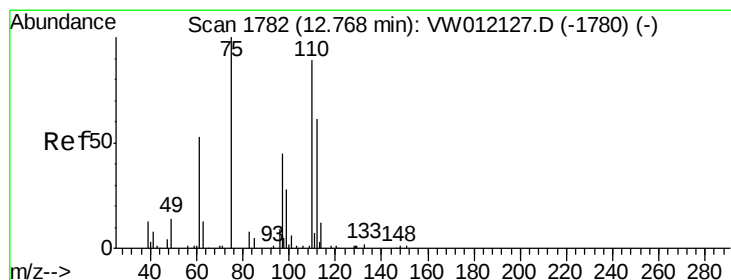
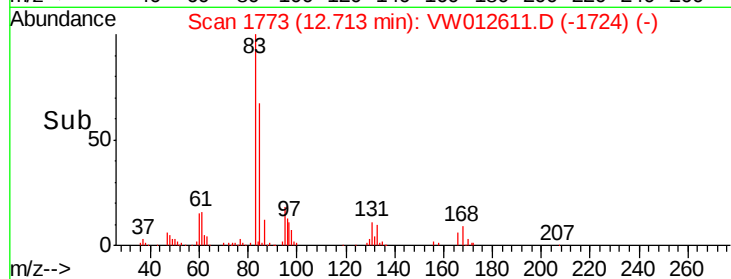
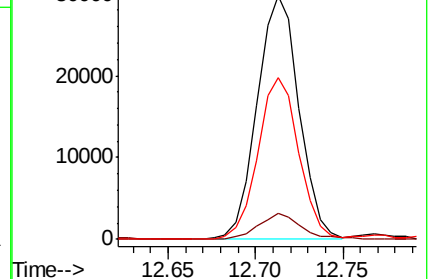
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 46.135 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012611.D

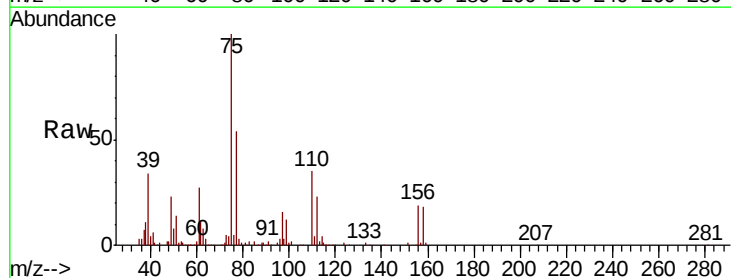
Acq: 05 Sep 2019 01:49

Tgt Ion: 75 Resp: 66830

Ion Ratio Lower Upper

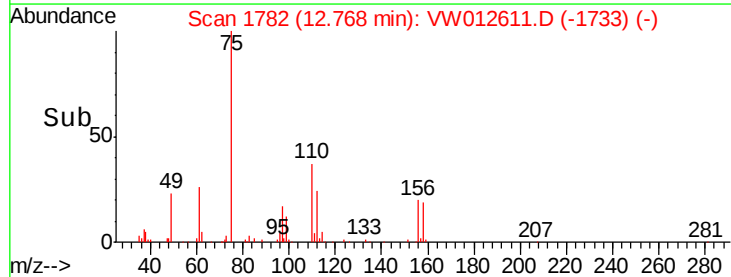
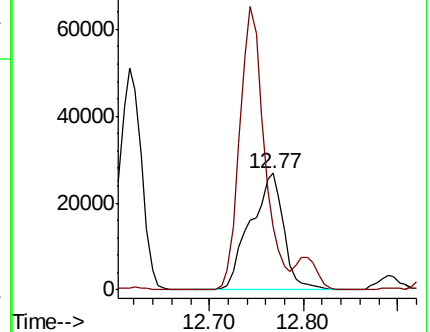
75 100

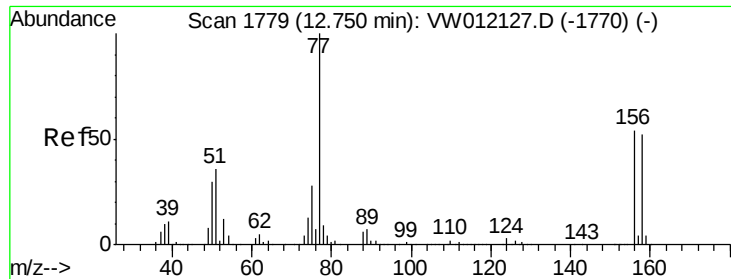
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 24.141 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

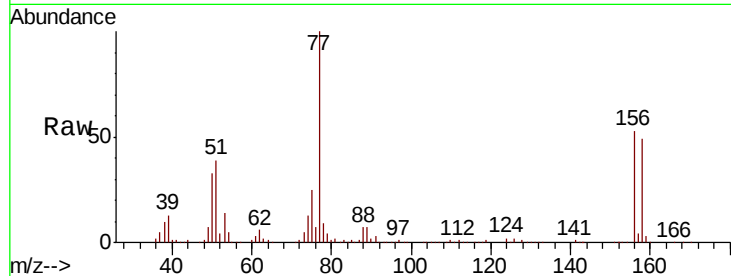
Tgt Ion: 156 Resp: 58206

Ion Ratio Lower Upper

156 100

77 206.2 107.3 321.8

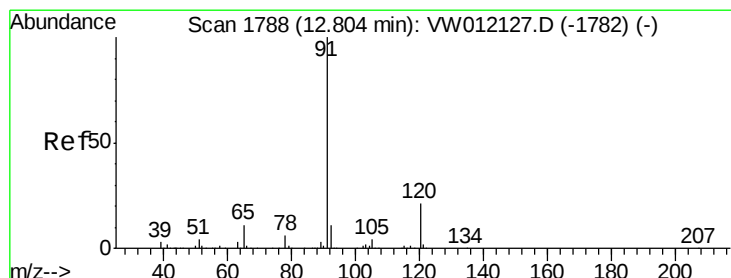
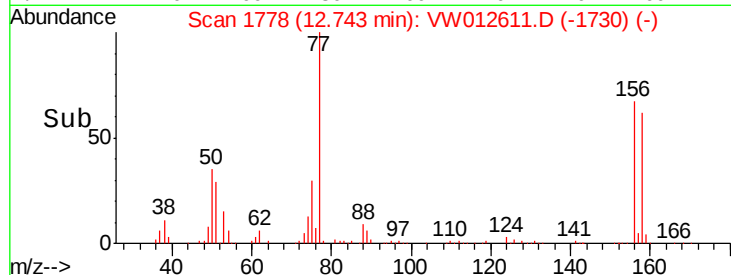
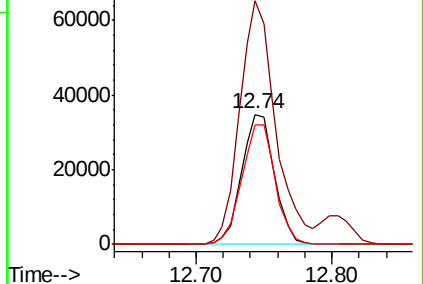
158 94.3 49.0 147.0



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: 21.086 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012611.D

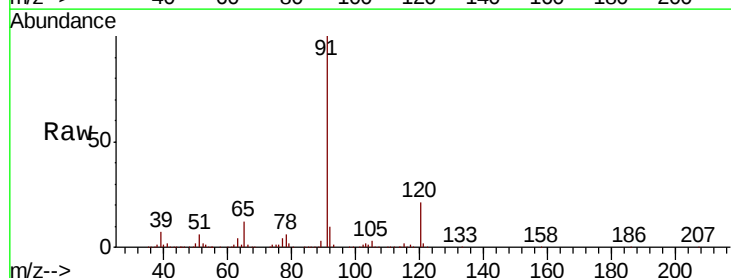
Acq: 05 Sep 2019 01:49

Tgt Ion: 91 Resp: 286890

Ion Ratio Lower Upper

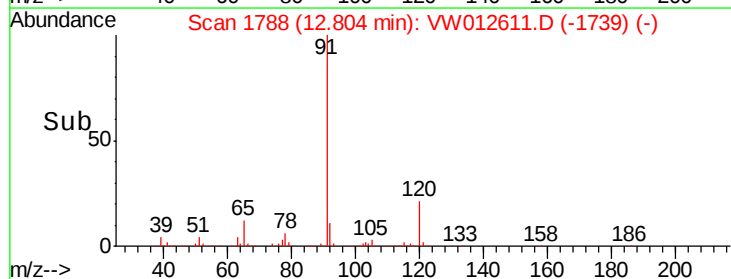
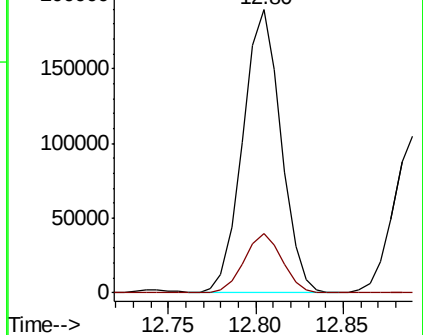
91 100

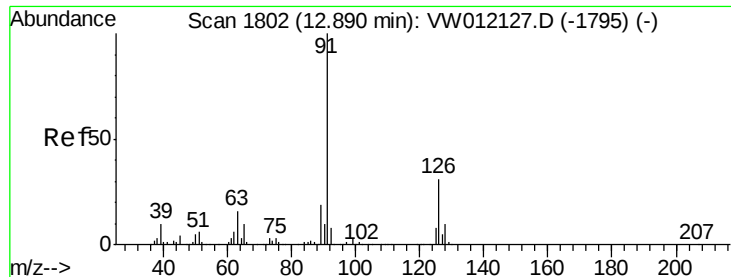
120 21.1 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.151 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

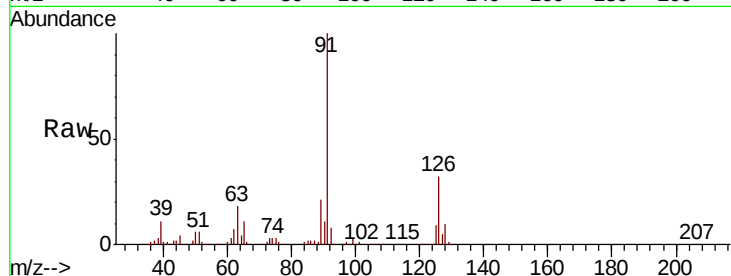
VW0904SBS02

Tgt Ion: 91 Resp: 171108

Ion Ratio Lower Upper

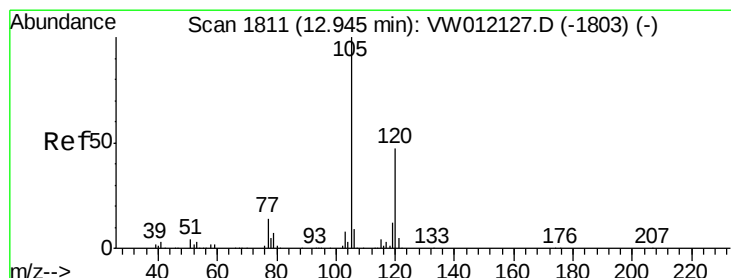
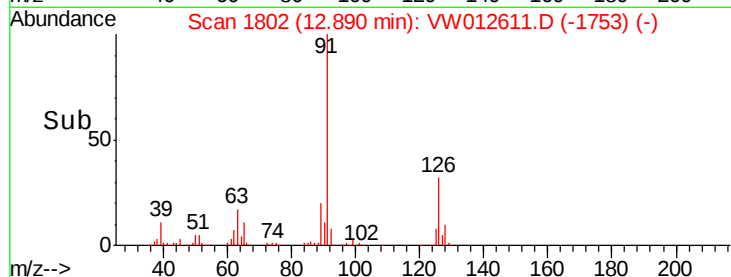
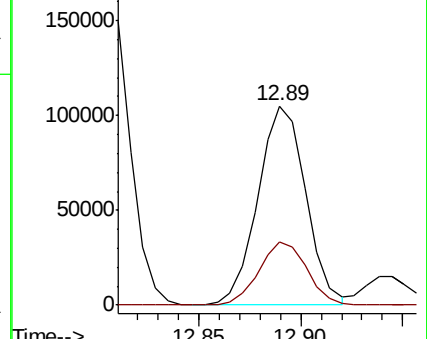
91 100

126 32.1 15.7 47.0



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: 22.301 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012611.D

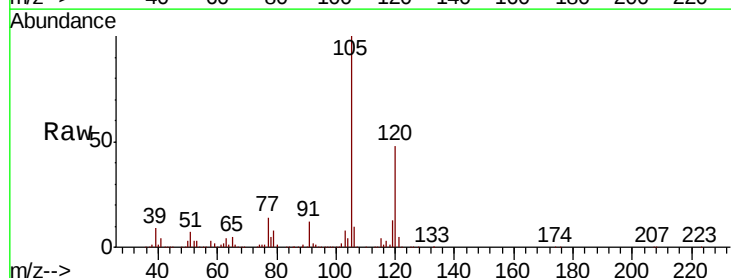
Acq: 05 Sep 2019 01:49

Tgt Ion: 105 Resp: 207682

Ion Ratio Lower Upper

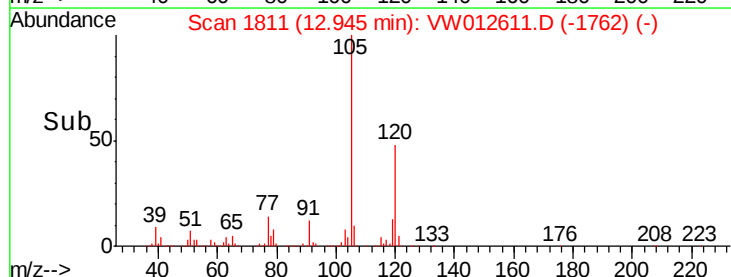
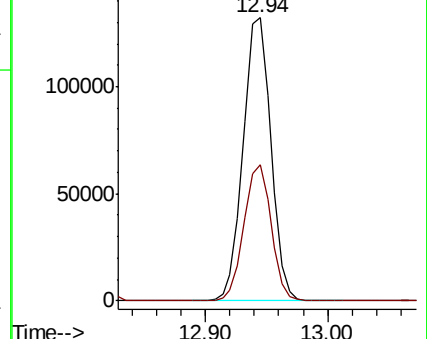
105 100

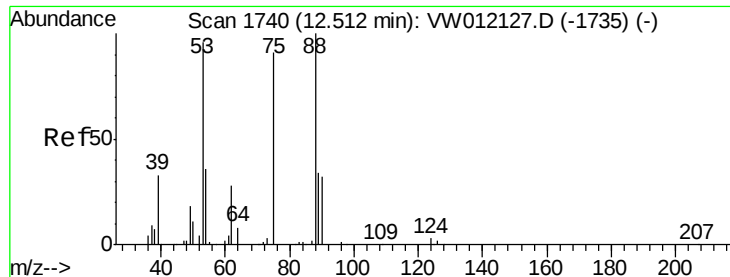
120 47.3 24.0 72.0



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: 22.174 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

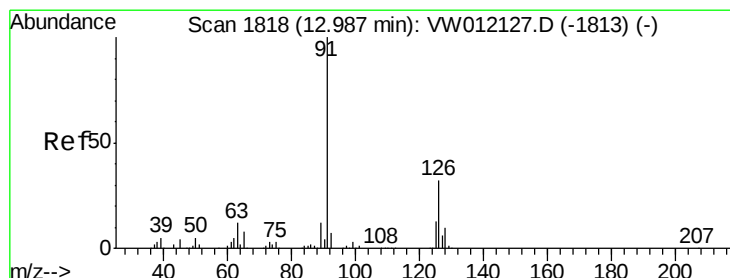
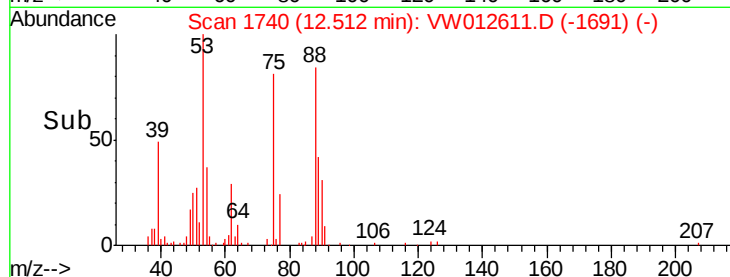
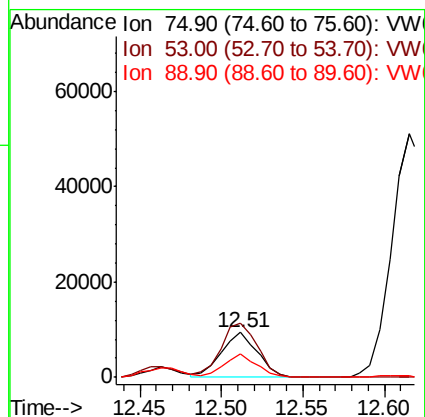
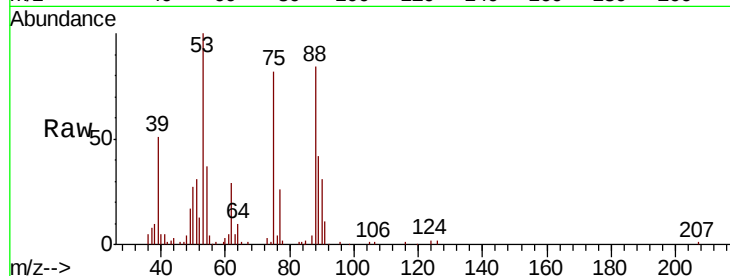
Tgt Ion: 75 Resp: 14650

Ion Ratio Lower Upper

75 100

53 123.1 89.4 134.0

89 45.4 34.5 51.7



#82

4-Chlorotoluene

Concen: 22.304 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012611.D

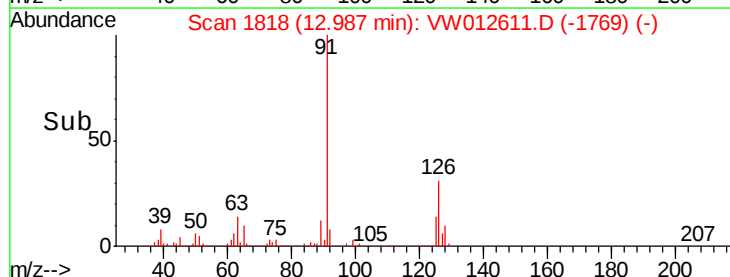
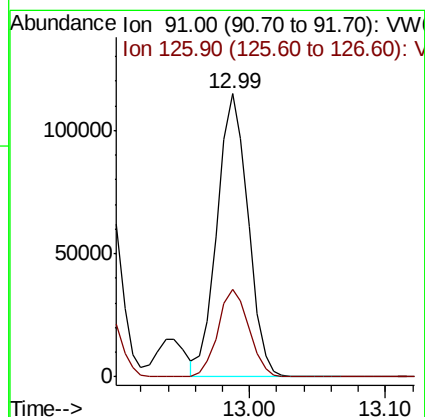
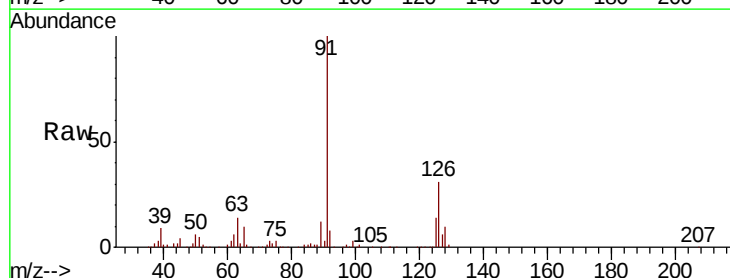
Acq: 05 Sep 2019 01:49

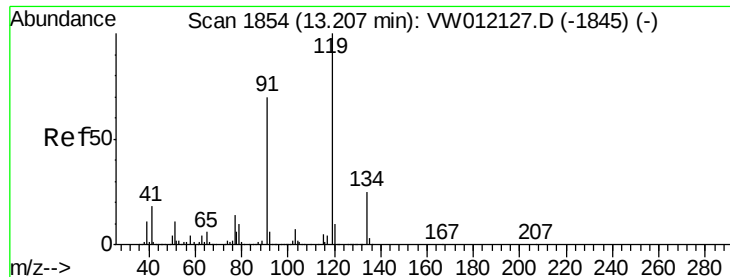
Tgt Ion: 91 Resp: 180398

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8





#83

tert-Butylbenzene

Concen: 22.366 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

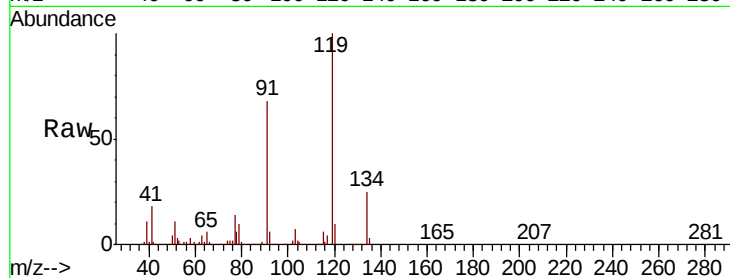
Tgt Ion:119 Resp: 176434

Ion Ratio Lower Upper

119 100

91 68.0 34.8 104.3

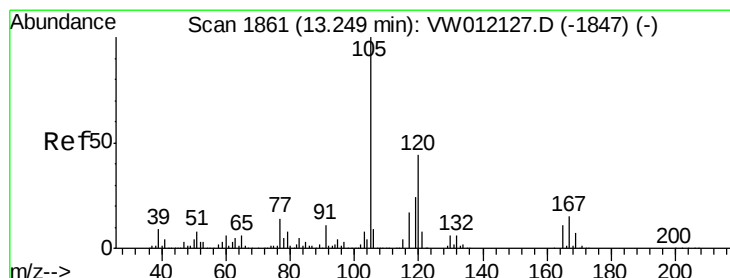
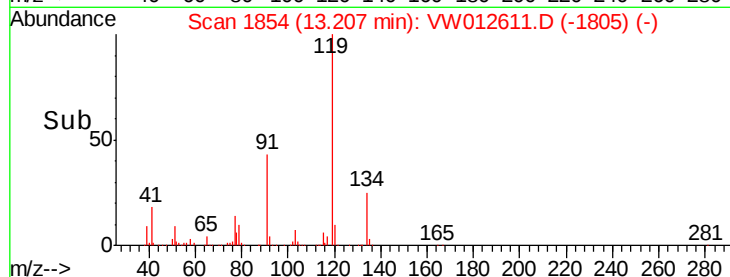
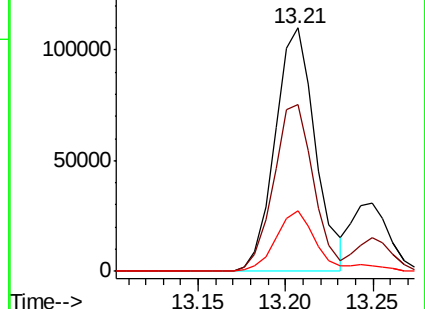
134 24.5 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.473 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012611.D

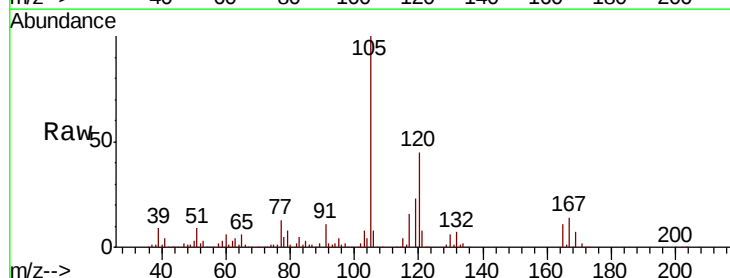
Acq: 05 Sep 2019 01:49

Tgt Ion:105 Resp: 210229

Ion Ratio Lower Upper

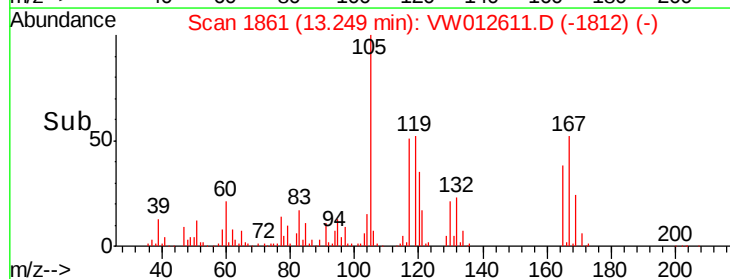
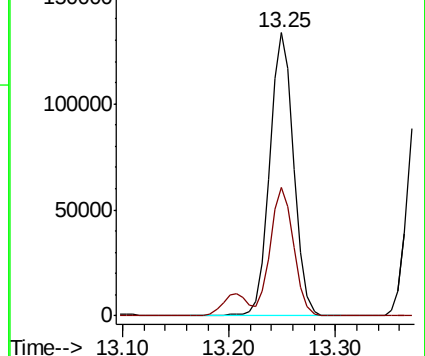
105 100

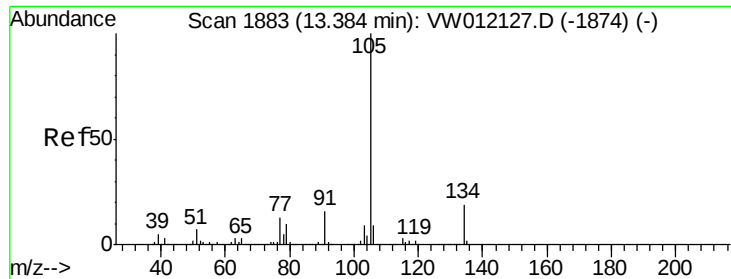
120 44.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.960 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

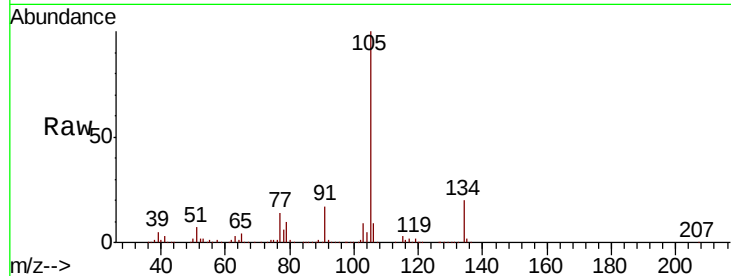
VW0904SBS02

Tgt Ion:105 Resp: 236888

Ion Ratio Lower Upper

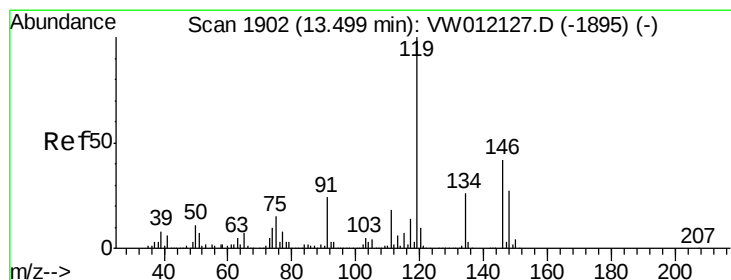
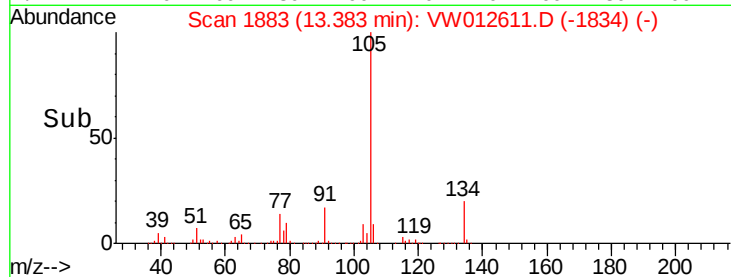
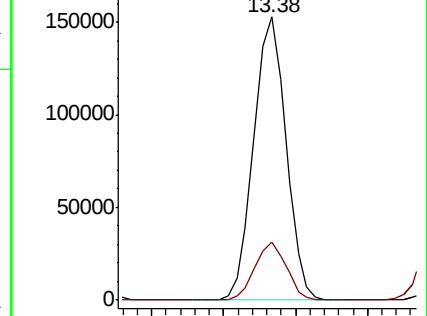
105 100

134 19.8 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.701 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

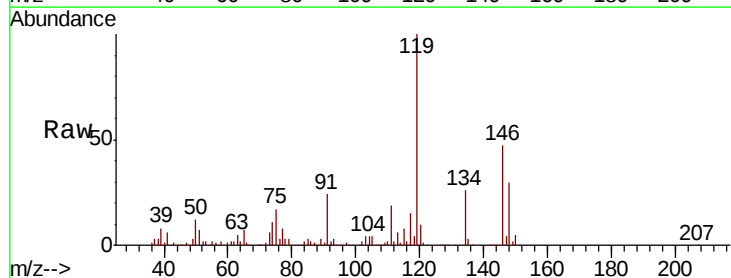
Tgt Ion:119 Resp: 219028

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

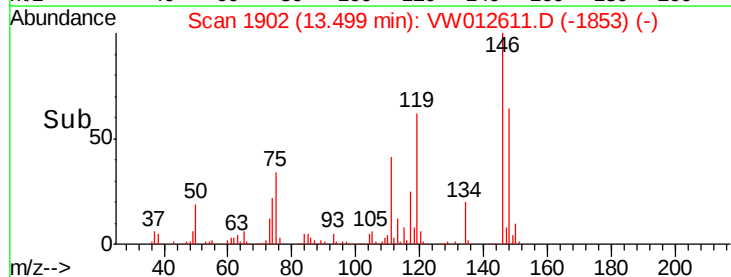
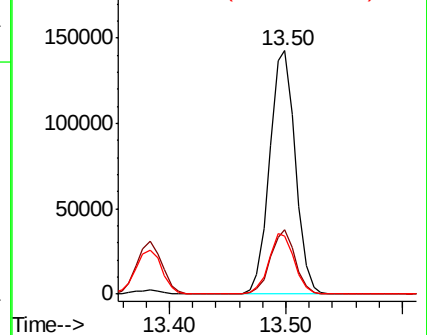
91 24.8 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

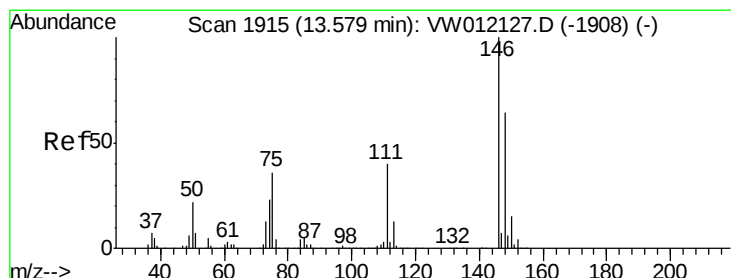
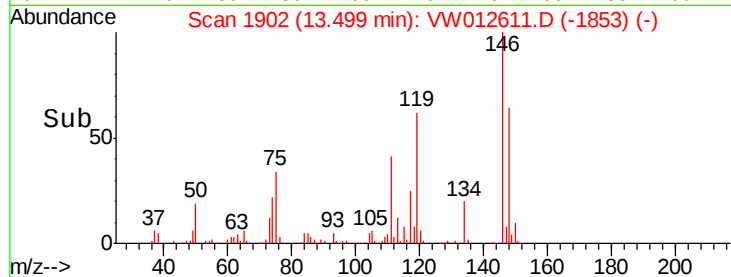
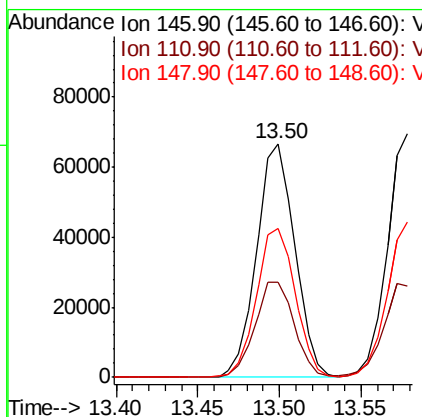
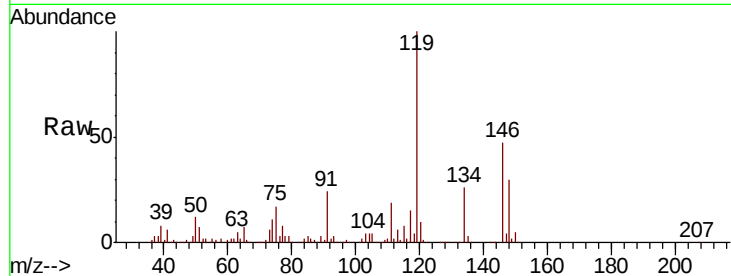




#87
 1,3-Dichlorobenzene
 Concen: 22.943 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

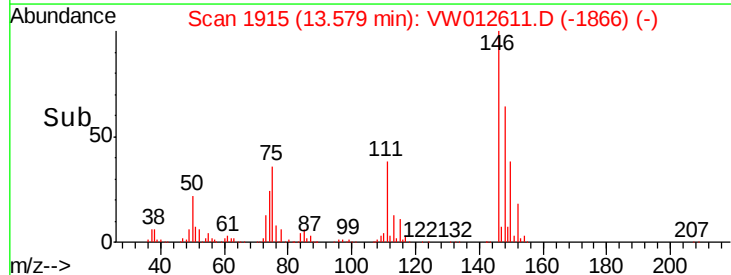
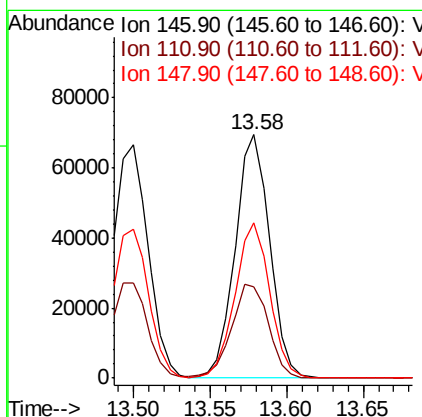
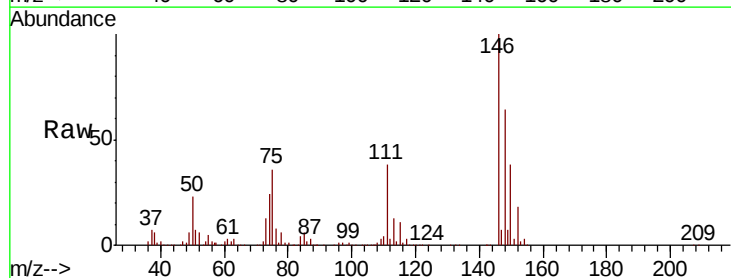
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

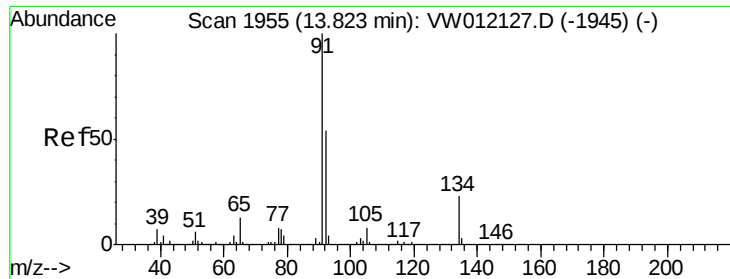
Tgt Ion:146 Resp: 108199
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 23.204 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion:146 Resp: 108655
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 60.0
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 20.051 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

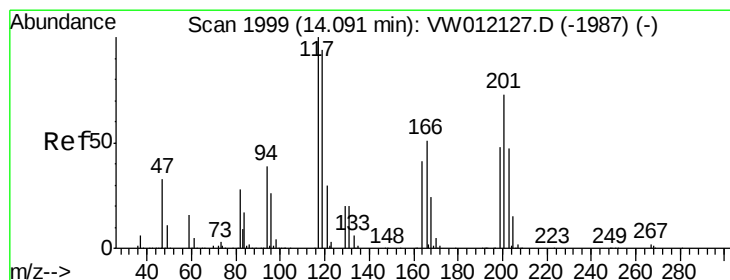
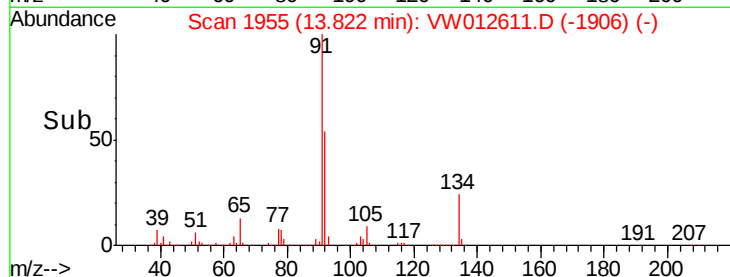
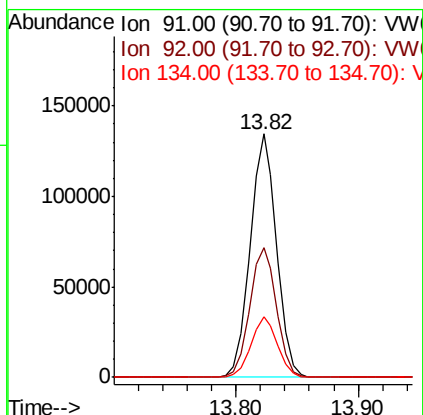
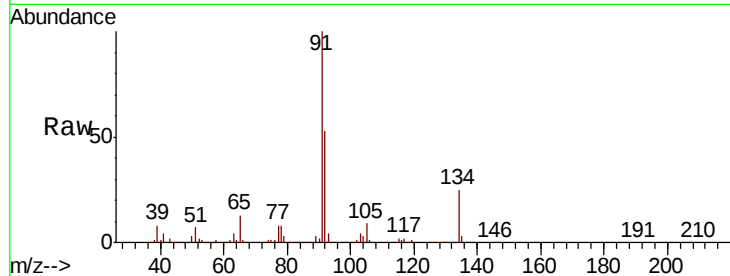
Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tgt Ion:	91	Resp:	201257
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.1	81.2
134	25.0	12.2	36.4



#90

Hexachloroethane

Concen: 22.169 ug/l

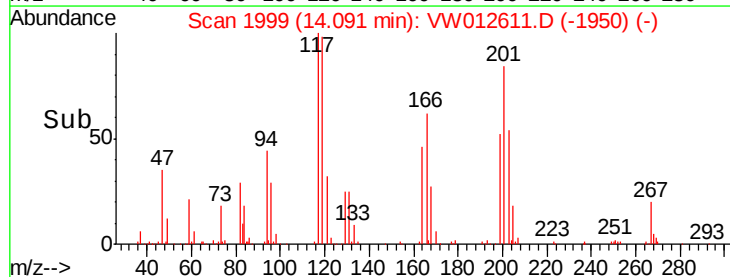
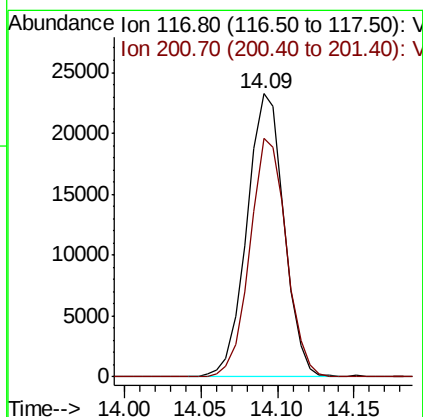
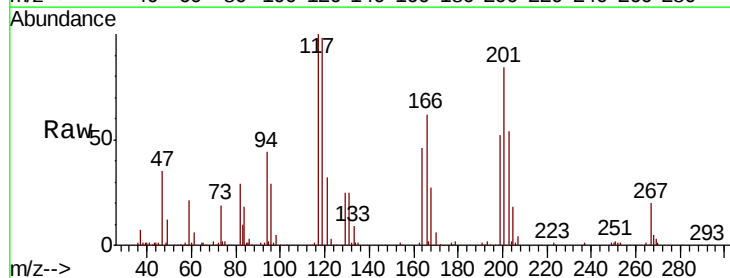
RT: 14.09 min Scan# 1999

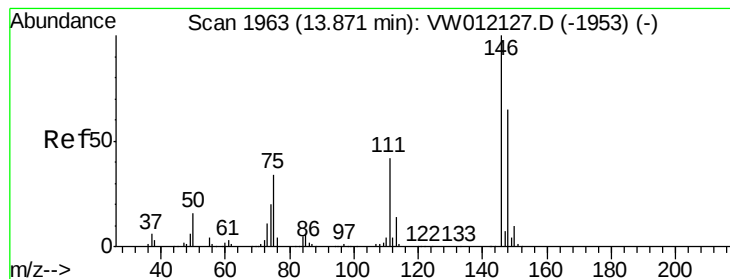
Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Tgt Ion:	117	Resp:	39257
Ion	Ratio	Lower	Upper
117	100		
201	82.7	38.6	115.7





#91

1,2-Dichlorobenzene

Concen: 24.221 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

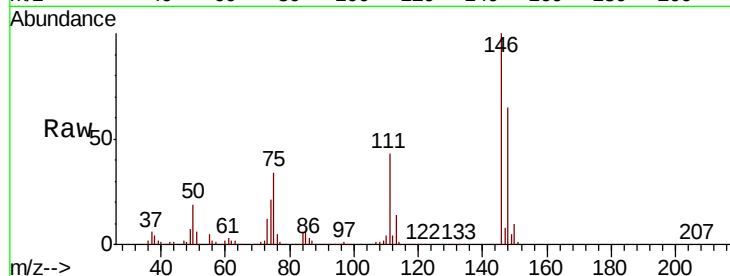
Tgt Ion:146 Resp: 100206

Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

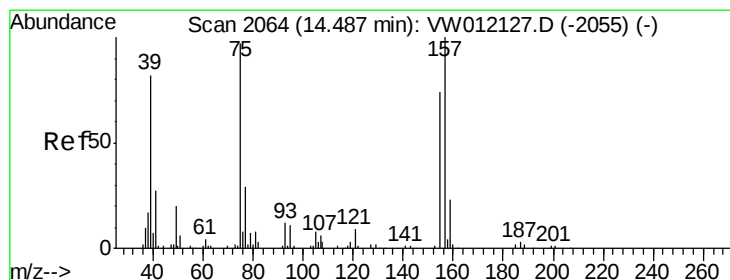
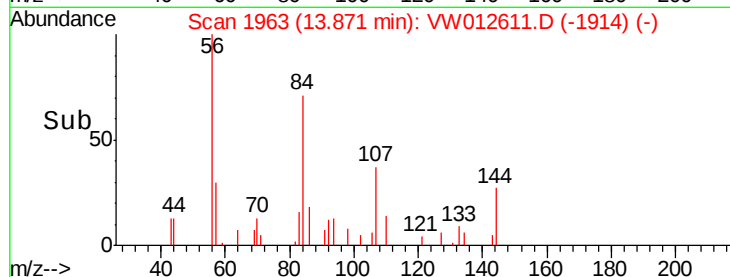
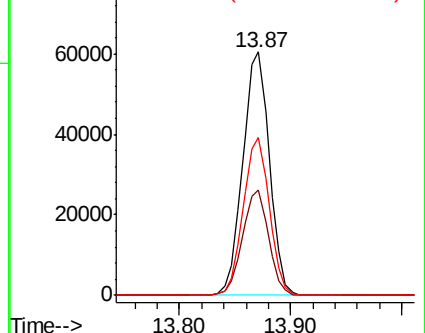
148 63.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 26.207 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012611.D

Acq: 05 Sep 2019 01:49

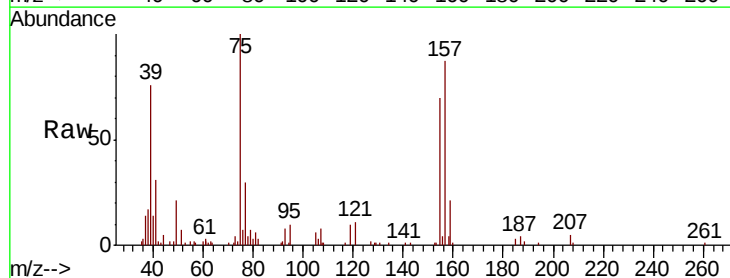
Tgt Ion: 75 Resp: 9027

Ion Ratio Lower Upper

75 100

155 75.9 37.5 112.3

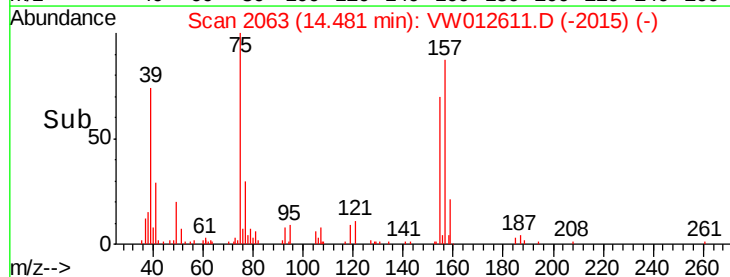
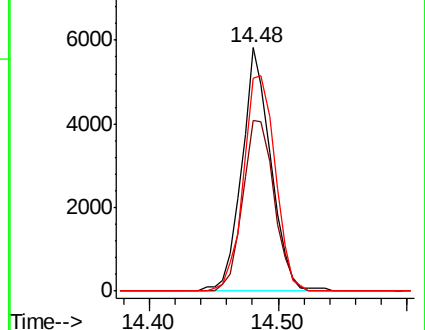
157 96.9 50.5 151.5

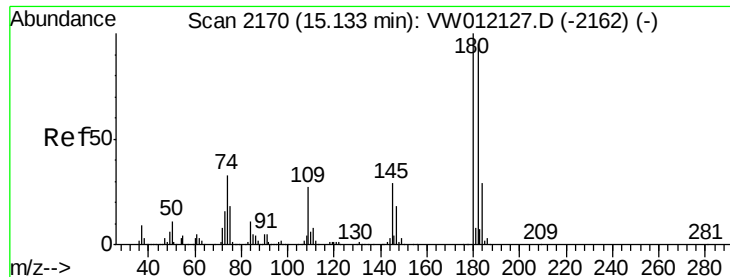


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

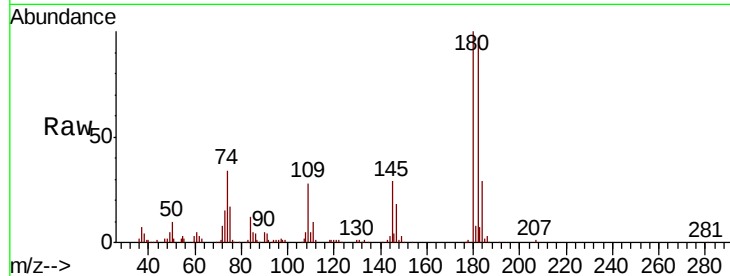




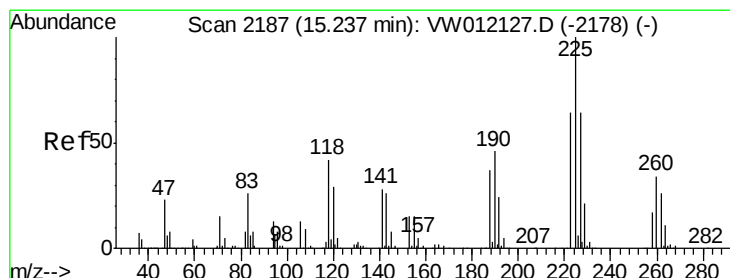
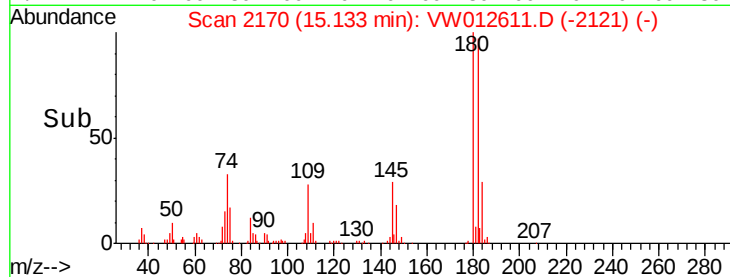
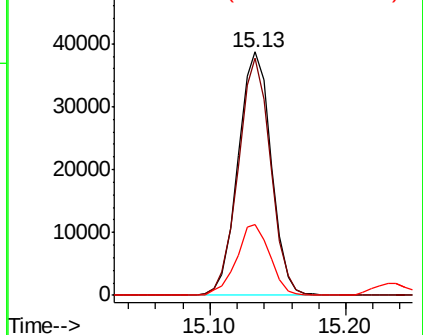
#93
 1,2,4-Trichlorobenzene
 Concen: 22.946 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion:180 Resp: 65602
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.4
 145 29.3 15.0 45.1

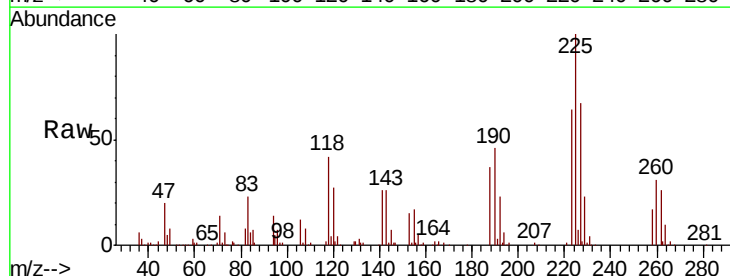


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

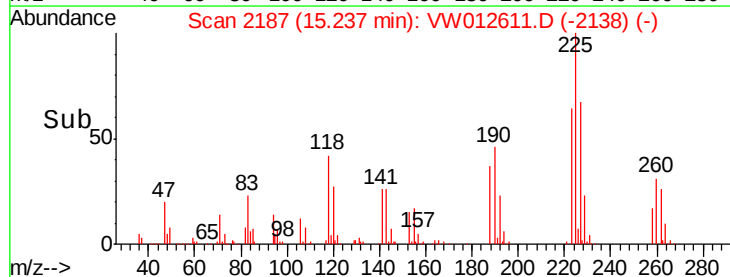
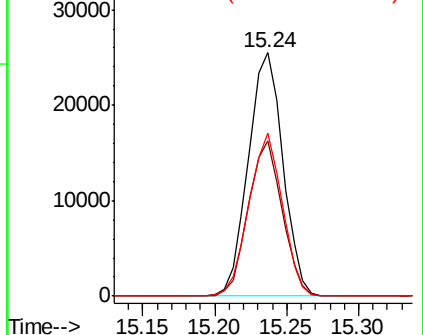


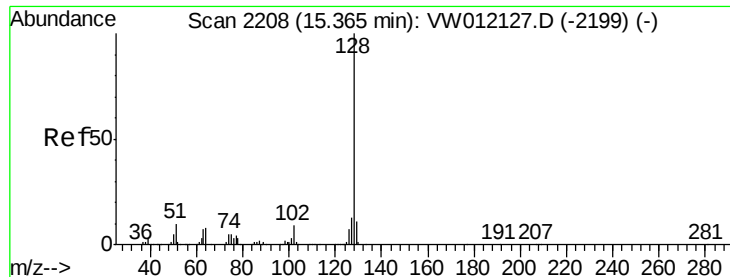
#94
 Hexachlorobutadiene
 Concen: 22.449 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012611.D
 Acq: 05 Sep 2019 01:49

Tgt Ion:225 Resp: 42379
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.3 96.8
 227 64.6 32.9 98.6



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

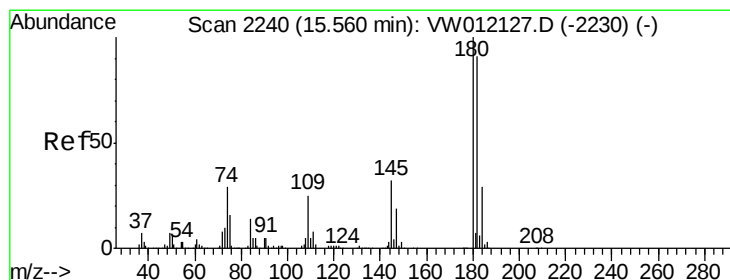
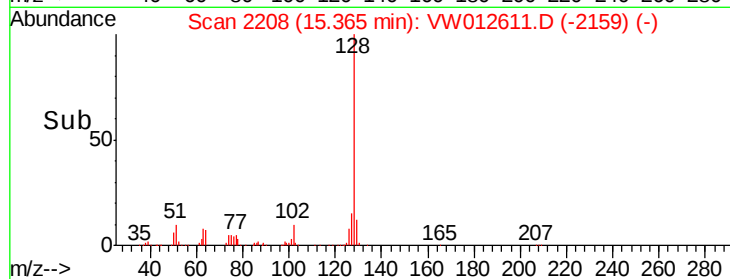
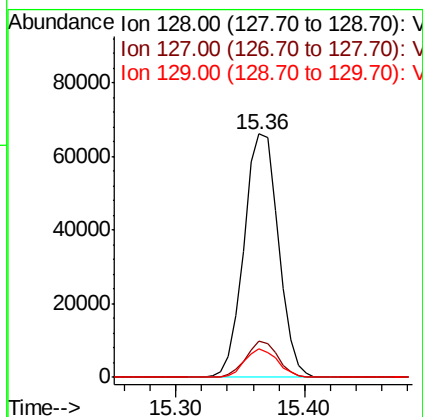
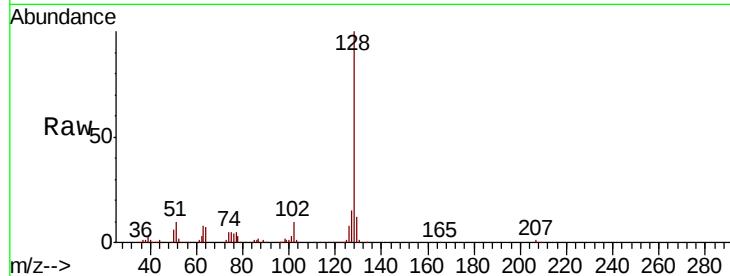




#95
Naphthalene
Concen: 24.215 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 24.267 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012611.D
Acq: 05 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	47.1	141.3
145	32.2	16.2	48.5

