

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012200.D
 Acq On : 27 Aug 2019 09:47
 Operator : SY/VA
 Sample : VW0827SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

Quant Time: Aug 28 05:14:01 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	270042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	159683	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
35) Dibromofluoromethane	7.88	113	130806	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
50) Toluene-d8	10.32	98	542612	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	193401	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28515	17.149	ug/l	98
3) Chloromethane	2.21	50	46046	17.874	ug/l	98
4) Vinyl Chloride	2.36	62	58078	18.420	ug/l	97
5) Bromomethane	2.77	94	25725	16.110	ug/l	99
6) Chloroethane	2.90	64	30515	17.156	ug/l	98
7) Trichlorofluoromethane	3.24	101	27249	17.211	ug/l	95
8) Diethyl Ether	3.68	74	28528	18.983	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50345	18.708	ug/l	99
10) Methyl Iodide	4.26	142	66182	18.176	ug/l	99
11) Tert butyl alcohol	5.20	59	18657	96.576	ug/l	99
12) 1,1-Dichloroethene	4.03	96	50958	18.813	ug/l	98
13) Acrolein	3.89	56	17261	94.920	ug/l	98
14) Allyl chloride	4.66	41	111168	19.198	ug/l	100
15) Acrylonitrile	5.37	53	72070	96.755	ug/l	98
16) Acetone	4.14	43	71079	86.621	ug/l	98
17) Carbon Disulfide	4.38	76	135782	16.587	ug/l	100
18) Methyl Acetate	4.67	43	40401	19.878	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	84802	19.360	ug/l	98
20) Methylene Chloride	4.91	84	56772	18.301	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	55262	19.026	ug/l	97
22) Diisopropyl ether	6.31	45	213943	19.932	ug/l	99
23) Vinyl Acetate	6.25	43	639769	96.852	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113602	19.438	ug/l	99
25) 2-Butanone	7.17	43	108947	97.704	ug/l	100
26) 2,2-Dichloropropane	7.16	77	69169	20.910	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	61370	19.776	ug/l	99
28) Bromochloromethane	7.51	49	50540	19.841	ug/l #	100
29) Tetrahydrofuran	7.52	42	64055	95.748	ug/l	98
30) Chloroform	7.67	83	105510	19.733	ug/l	99
31) Cyclohexane	7.95	56	106751	18.462	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	83009	19.625	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86759	19.837	ug/l	99
37) Ethyl Acetate	7.25	43	45320	18.910	ug/l	98
38) Carbon Tetrachloride	8.07	117	74143	19.586	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012200.D
 Acq On : 27 Aug 2019 09:47
 Operator : SY/VA
 Sample : VW0827SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

Quant Time: Aug 28 05:14:01 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	9.33	83	95424	19.421	ug/l	100
40) Benzene	8.32	78	238635	19.982	ug/l	99
41) Methacrylonitrile	7.48	41	30557	21.693	ug/l	92
42) 1,2-Dichloroethane	8.40	62	73650	19.678	ug/l	99
43) Isopropyl Acetate	8.42	43	87932	19.807	ug/l	98
44) Trichloroethene	9.09	130	57440	19.785	ug/l	91
45) 1,2-Dichloropropane	9.37	63	64590	20.096	ug/l	98
46) Dibromomethane	9.46	93	28297	19.788	ug/l	97
47) Bromodichloromethane	9.64	83	75002	19.707	ug/l	97
48) Methyl methacrylate	9.43	41	41535	19.658	ug/l	98
49) 1,4-Dioxane	9.47	88	8237	376.256	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	225849	100.022	ug/l	100
52) Toluene	10.38	92	145659	20.303	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77900	20.094	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92746	19.813	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41077	20.302	ug/l	98
56) Ethyl methacrylate	10.65	69	60190	20.440	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76846	20.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	156109	103.295	ug/l	100
59) 2-Hexanone	10.97	43	158112	98.964	ug/l	99
60) Dibromochloromethane	11.13	129	45162	20.040	ug/l	98
61) 1,2-Dibromoethane	11.23	107	38178	20.254	ug/l	100
64) Tetrachloroethene	10.86	164	46631	19.623	ug/l	96
65) Chlorobenzene	11.66	112	144381	20.005	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	49387	19.615	ug/l	96
67) Ethyl Benzene	11.73	91	283268	20.375	ug/l	100
68) m/p-Xylenes	11.84	106	204256	40.786	ug/l	99
69) o-Xylene	12.16	106	95407	20.584	ug/l	99
70) Styrene	12.18	104	165318	20.606	ug/l	100
71) Bromoform	12.35	173	24893	19.844	ug/l #	99
73) Isopropylbenzene	12.46	105	274412	20.915	ug/l	99
74) N-amyl acetate	12.27	43	80652	20.346	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	48344	20.098	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	32415m	19.008	ug/l	
77) Bromobenzene	12.75	156	57930	20.409	ug/l	98
78) n-propylbenzene	12.80	91	333662	20.831	ug/l	99
79) 2-Chlorotoluene	12.89	91	185198	20.365	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	225965	20.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15534	19.972	ug/l	97
82) 4-Chlorotoluene	12.99	91	196038	20.588	ug/l	100
83) tert-Butylbenzene	13.21	119	196563	21.166	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	226843	20.598	ug/l	99
85) sec-Butylbenzene	13.38	105	281353	21.146	ug/l	100
86) p-Isopropyltoluene	13.50	119	252597	21.258	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	115600	20.822	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	112932	20.486	ug/l	98
89) n-Butylbenzene	13.82	91	253692	21.470	ug/l	100
90) Hexachloroethane	14.09	117	43066	20.658	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	100919	20.721	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8263	20.377	ug/l	100

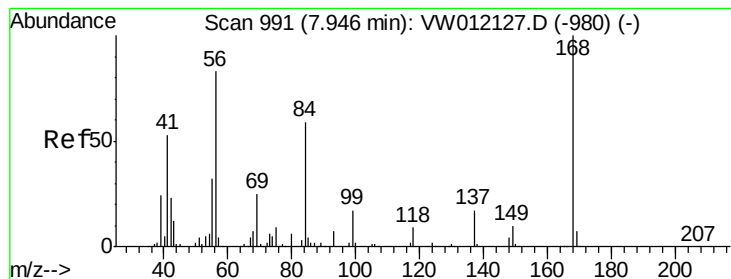
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012200.D
Acq On : 27 Aug 2019 09:47
Operator : SY/VA
Sample : VW0827SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

Quant Time: Aug 28 05:14:01 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	74253	22.061	ug/l	99
94) Hexachlorobutadiene	15.24	225	47729	21.476	ug/l	98
95) Naphthalene	15.36	128	131699	22.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	62826	21.394	ug/l	99

(#) = 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: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

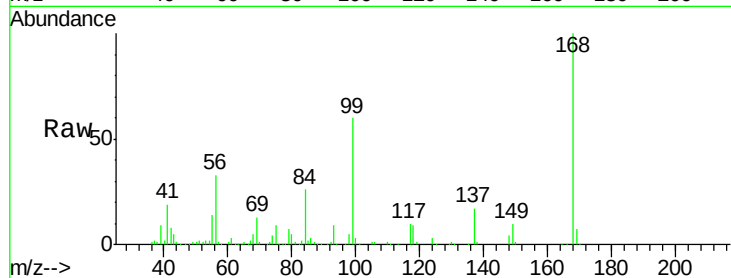
VW0827SBS01

Tot Ion:168 Resp: 270042

Ion Ratio Lower Upper

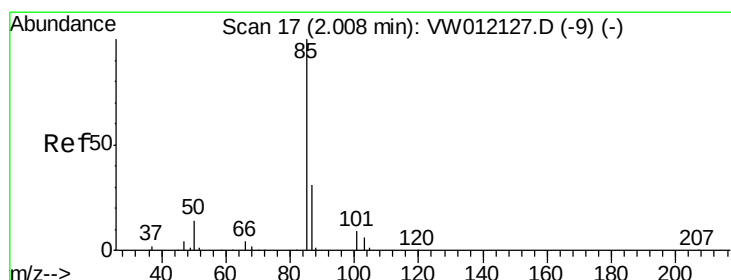
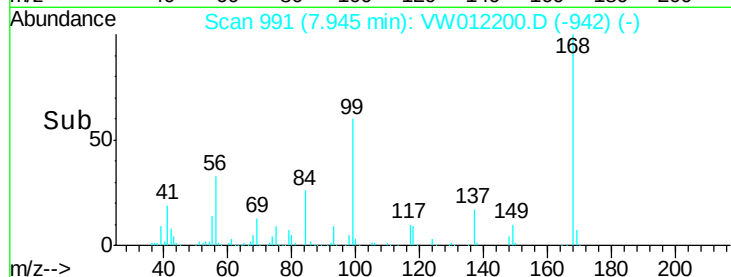
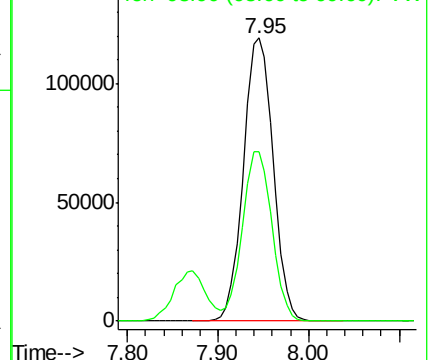
168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.149 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012200.D

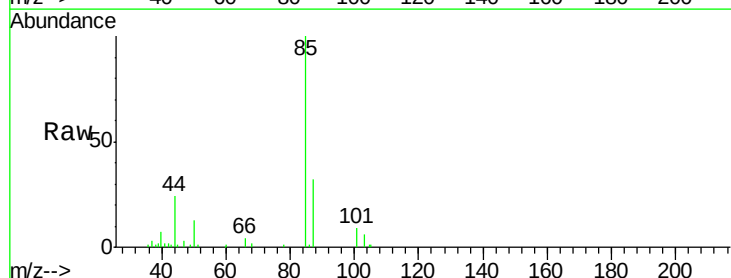
Acq: 27 Aug 2019 09:47

Tgt Ion: 85 Resp: 28515

Ion Ratio Lower Upper

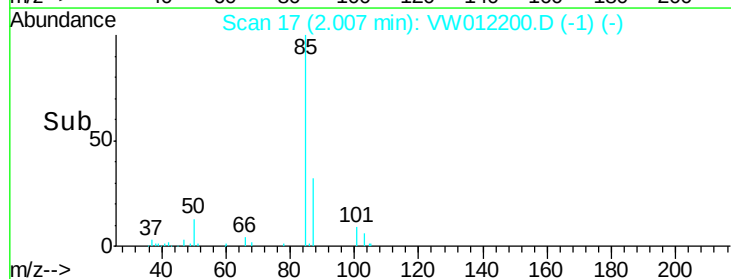
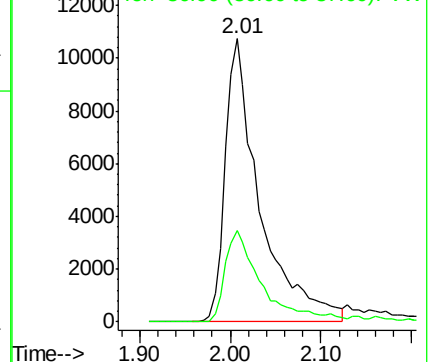
85 100

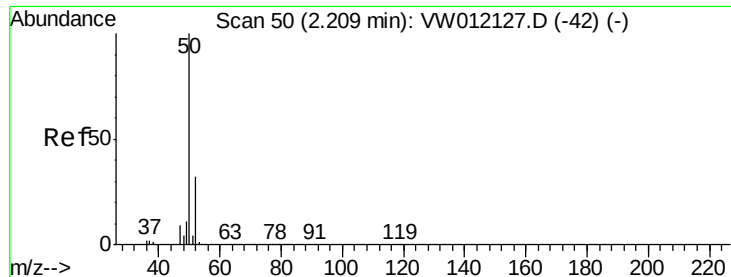
87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.874 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

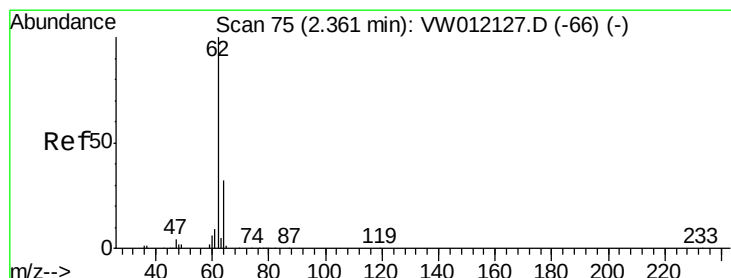
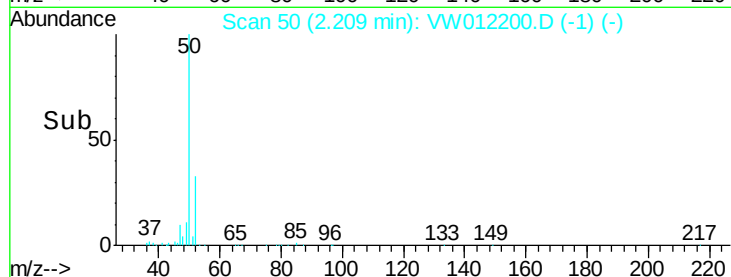
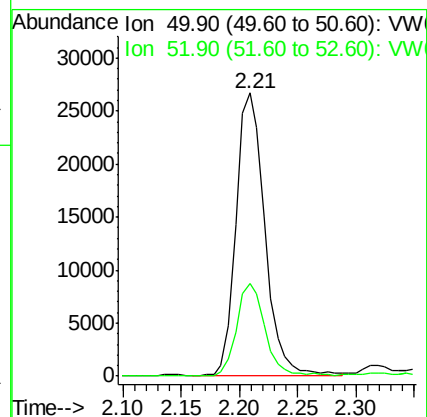
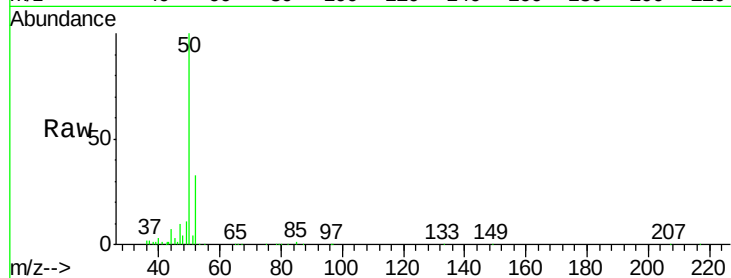
VW0827SBS01

Tot Ion: 50 Resp: 46046

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 18.420 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012200.D

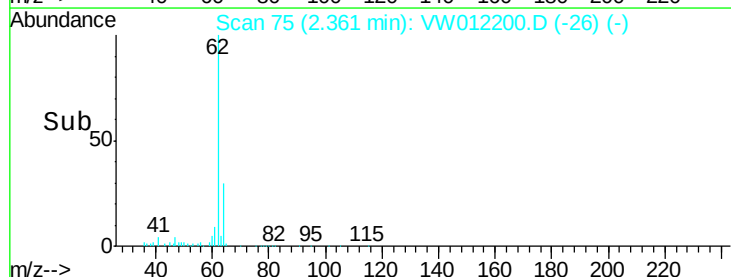
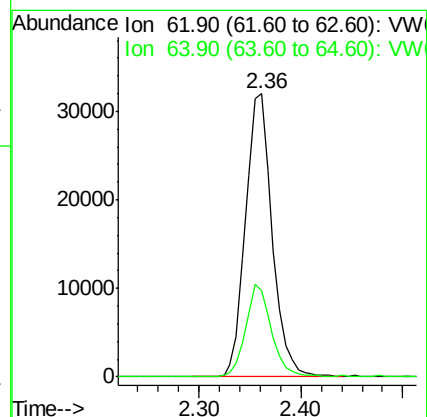
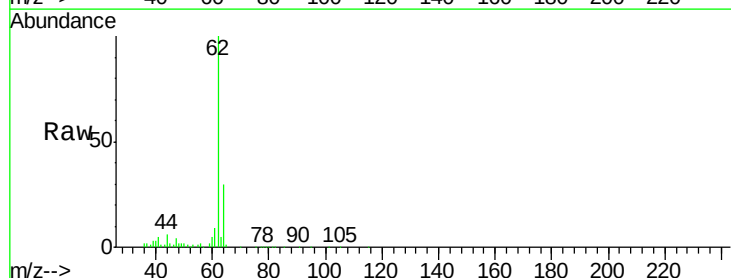
Acq: 27 Aug 2019 09:47

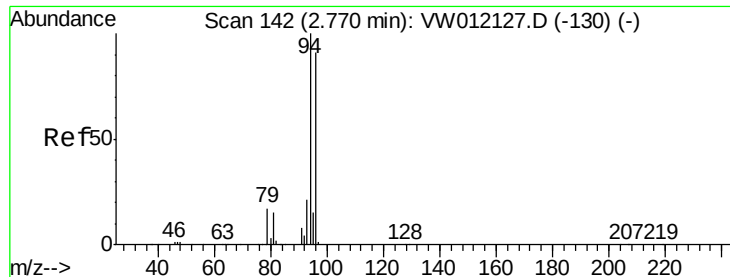
Tgt Ion: 62 Resp: 58078

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 16.110 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

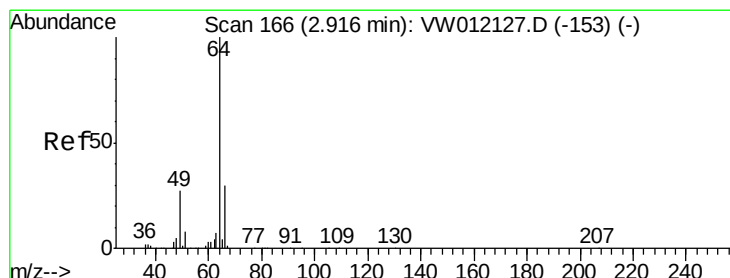
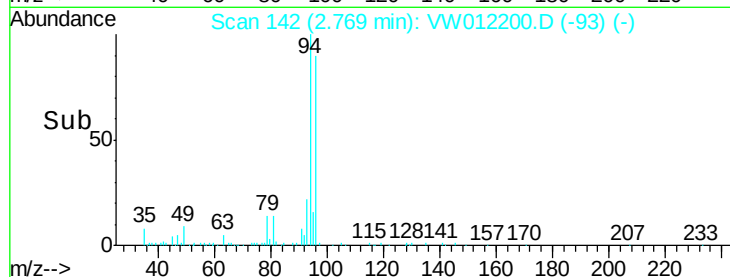
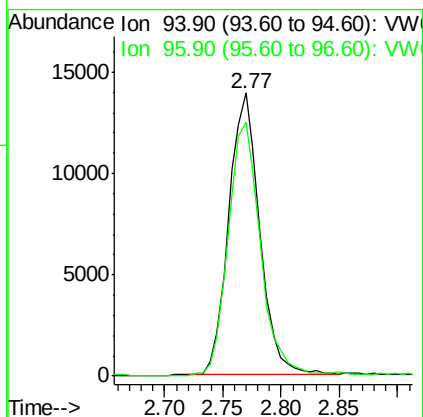
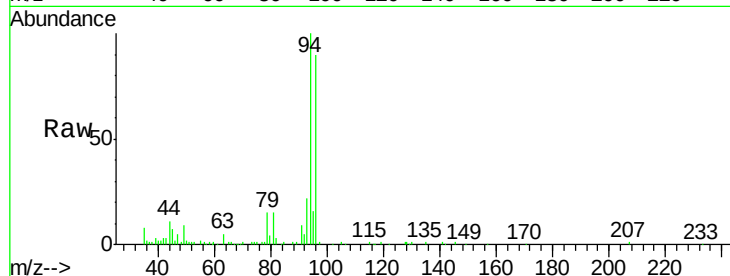
VW0827SBS01

Tot Ion: 94 Resp: 25725

Ion Ratio Lower Upper

94 100

96 90.4 72.9 109.3



#6

Chloroethane

Concen: 17.156 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012200.D

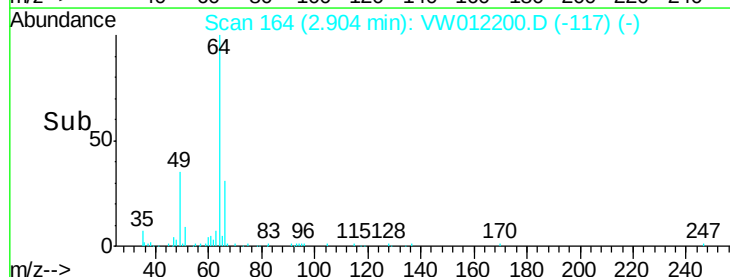
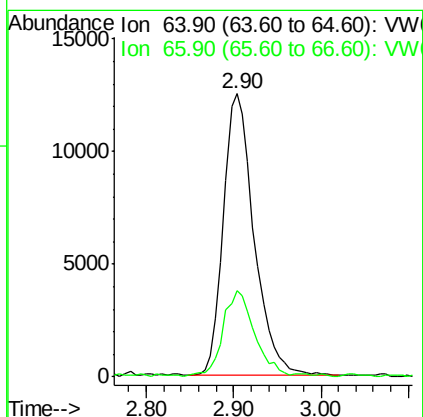
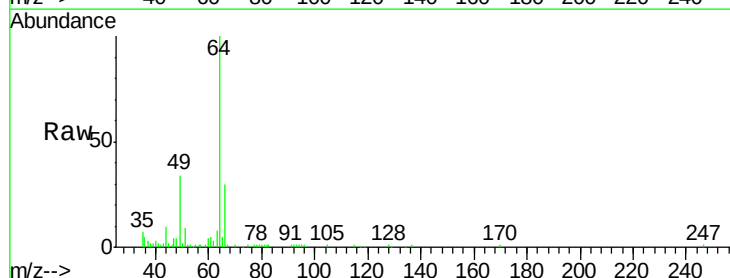
Acq: 27 Aug 2019 09:47

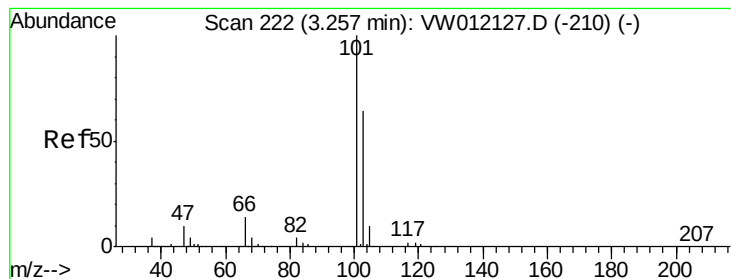
Tgt Ion: 64 Resp: 30515

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8



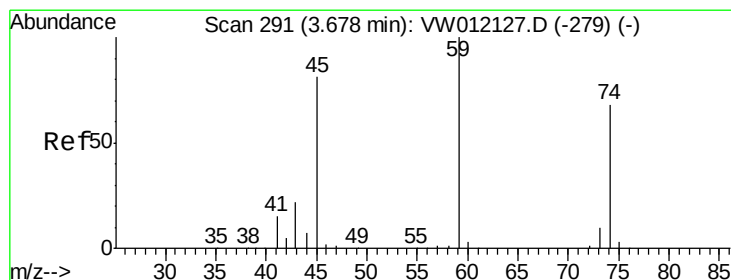
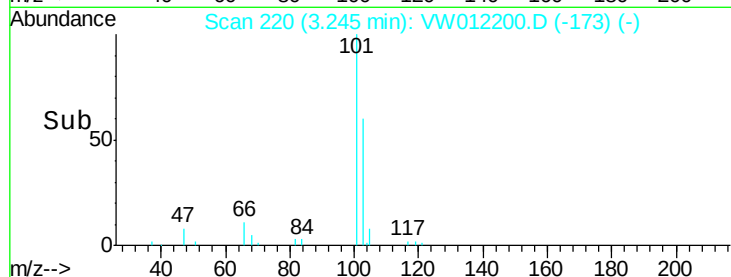
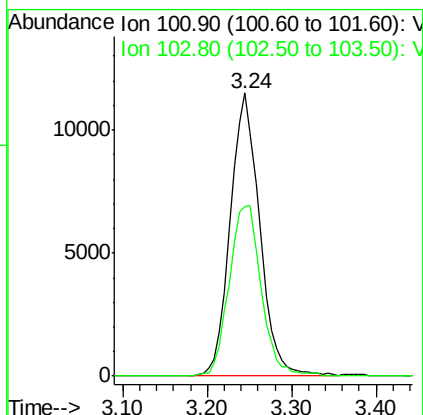
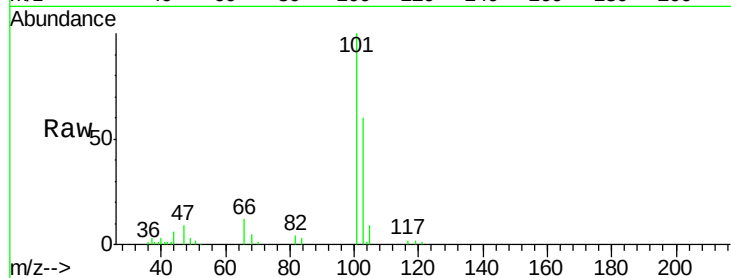


#7

Trichlorofluoromethane
 Concen: 17.211 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

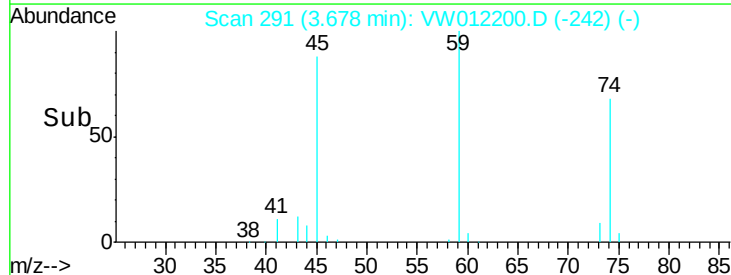
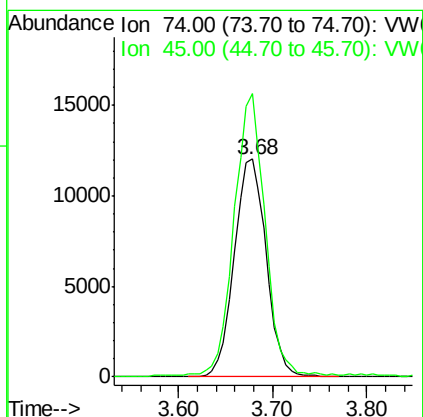
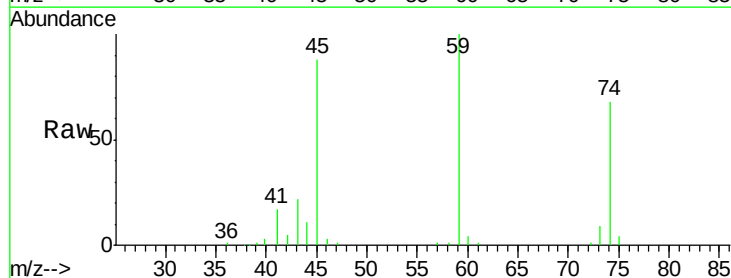
Tot Ion:101 Resp: 27249
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.2 76.8

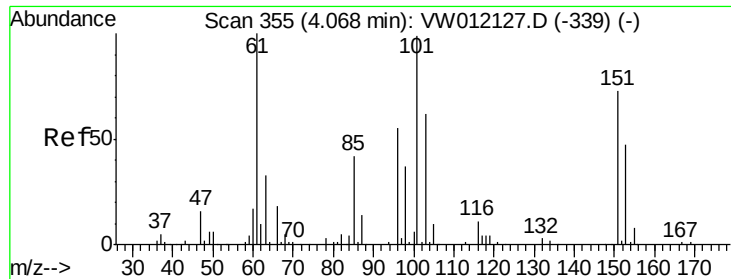


#8

Diethyl Ether
 Concen: 18.983 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion: 74 Resp: 28528
 Ion Ratio Lower Upper
 74 100
 45 124.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.708 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

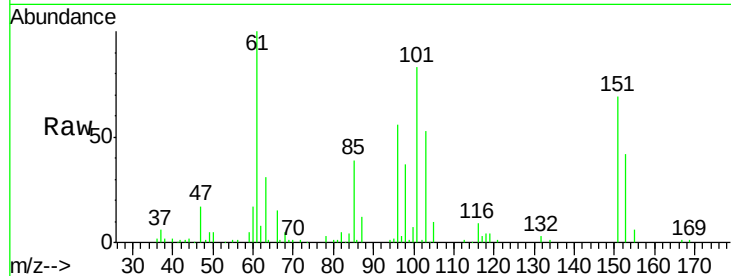
Tot Ion:101 Resp: 50345

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.6

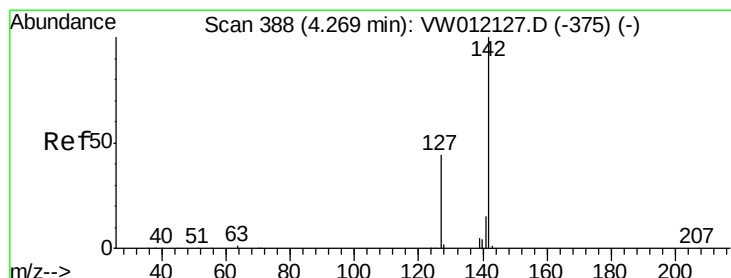
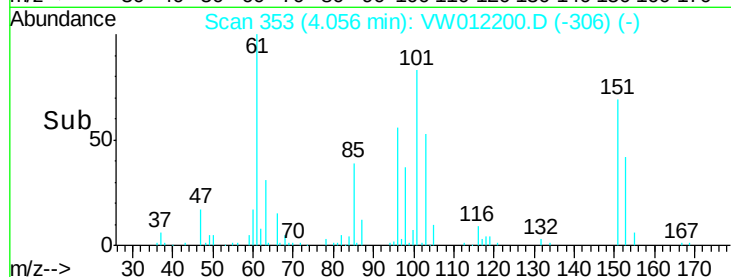
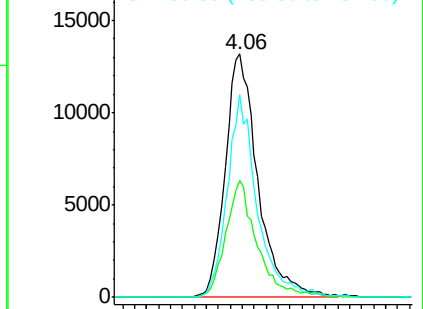
151 74.4 58.6 87.8



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: 18.176 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

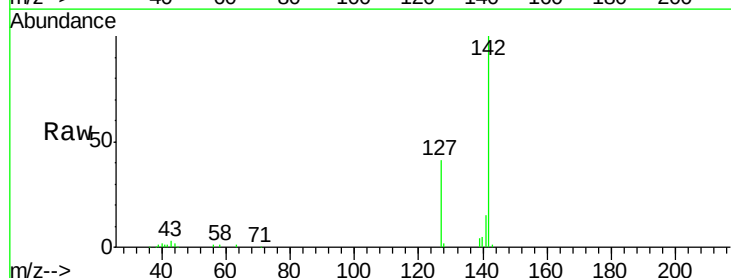
Tgt Ion:142 Resp: 66182

Ion Ratio Lower Upper

142 100

127 43.3 35.5 53.3

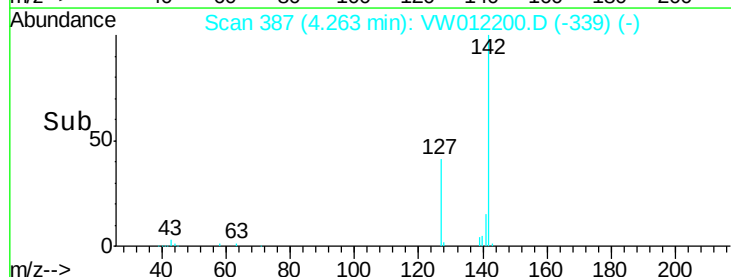
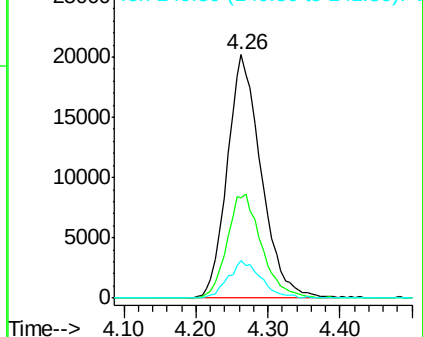
141 14.7 11.8 17.8

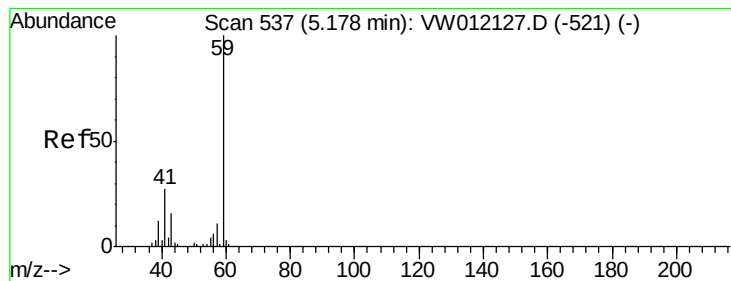


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



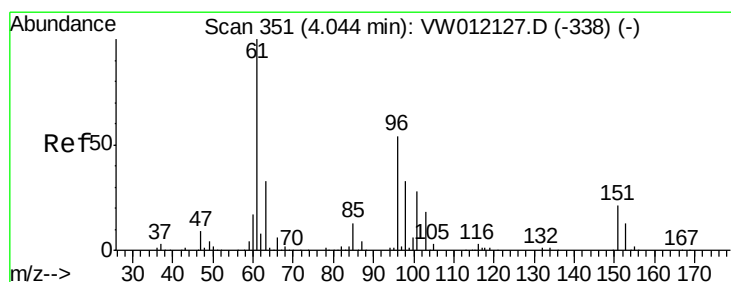
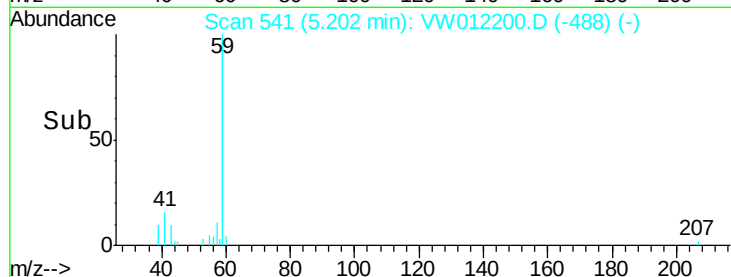
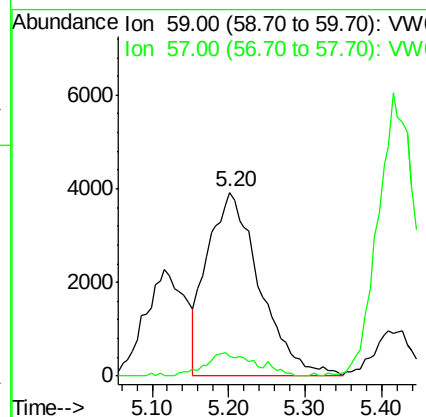
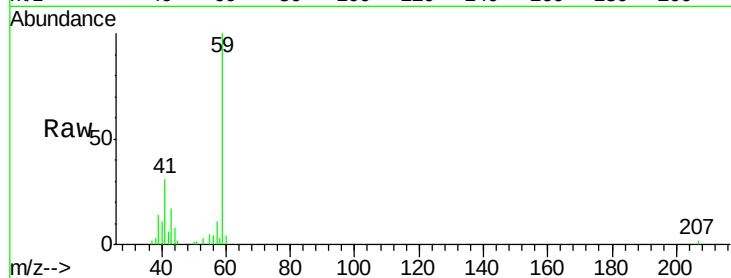


#11

Tert butyl alcohol
Concen: 96.576 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

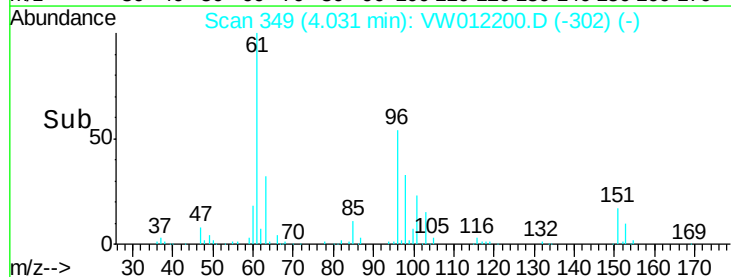
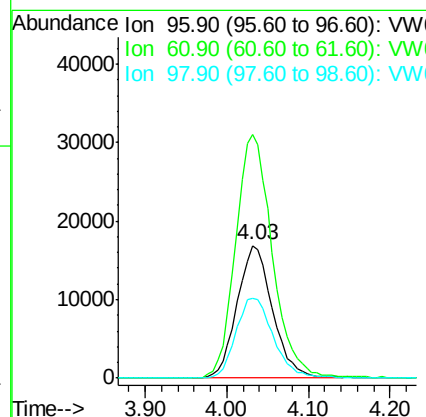
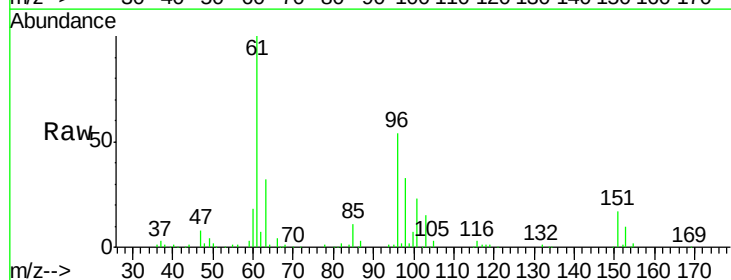
Tot Ion: 59 Resp: 18657
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4

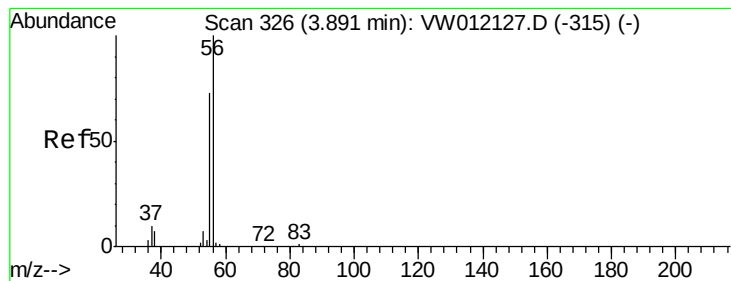


#12

1,1-Dichloroethene
Concen: 18.813 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 96 Resp: 50958
Ion Ratio Lower Upper
96 100
61 184.0 149.1 223.7
98 60.0 49.4 74.2





#13

Acrolein

Concen: 94.920 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

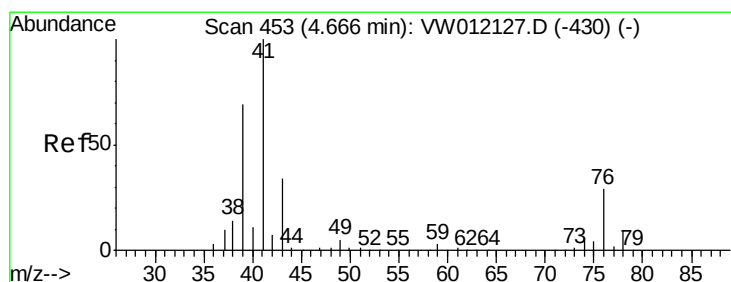
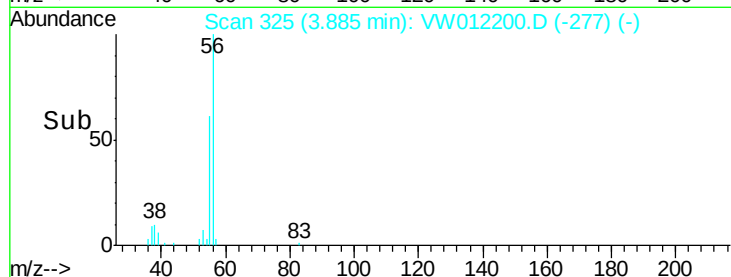
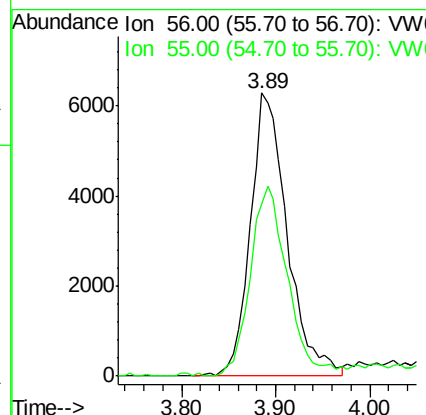
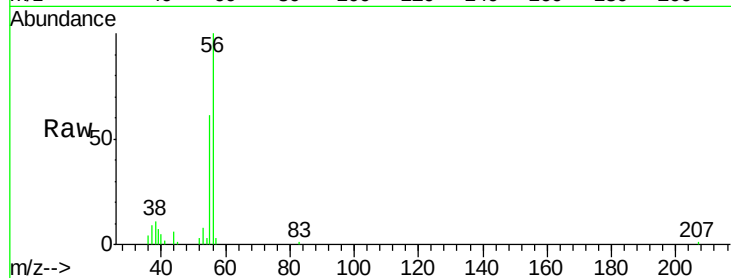
VW0827SBS01

Tot Ion: 56 Resp: 17261

Ion Ratio Lower Upper

56 100

55 68.2 55.8 83.8



#14

Allyl chloride

Concen: 19.198 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

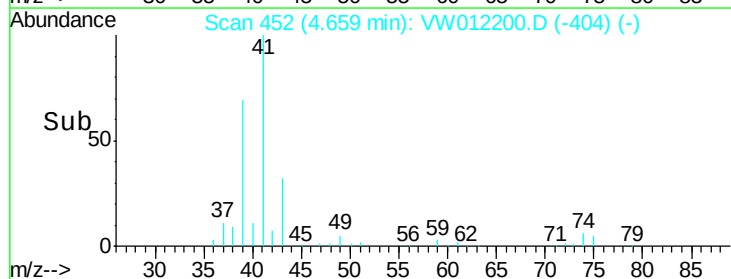
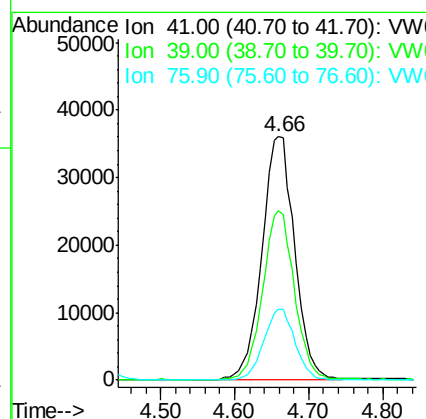
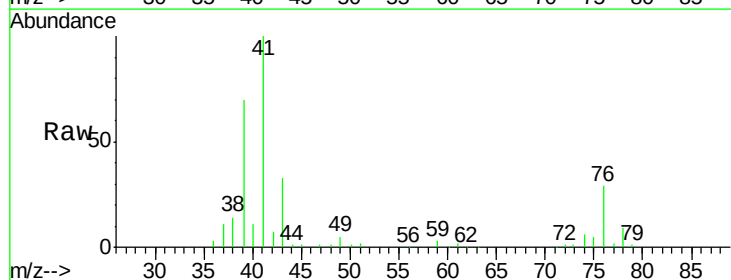
Tgt Ion: 41 Resp: 111168

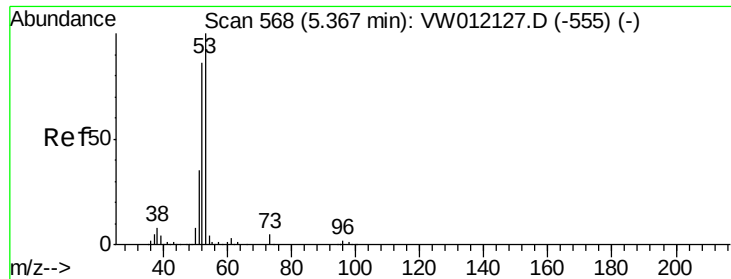
Ion Ratio Lower Upper

41 100

39 66.9 53.4 80.2

76 27.7 22.1 33.1





#15

Acrylonitrile

Concen: 96.755 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

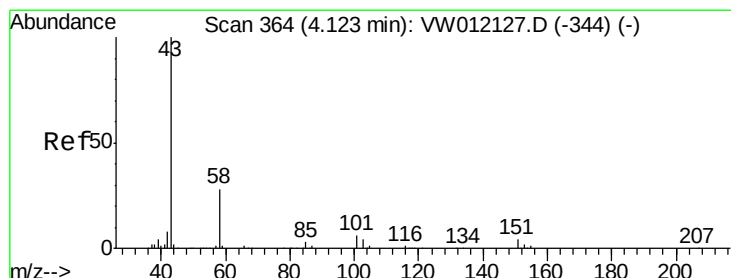
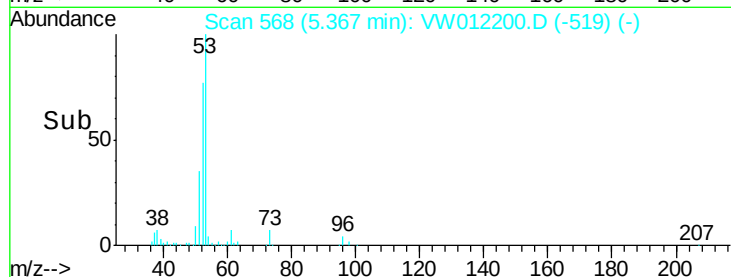
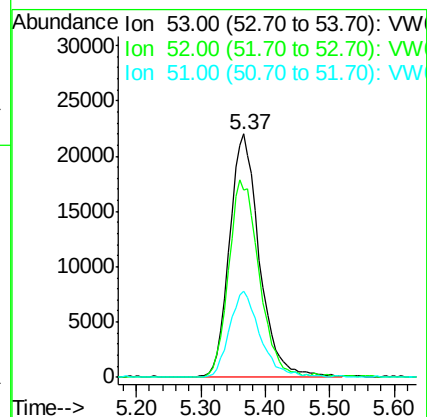
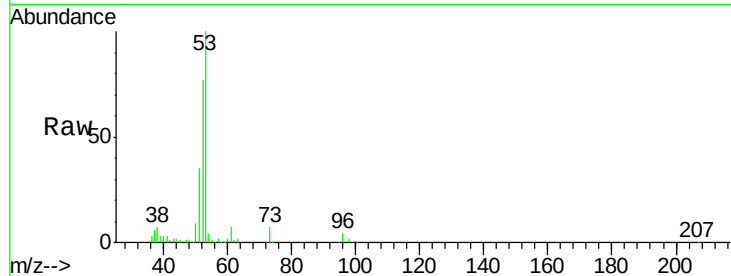
Tot Ion: 53 Resp: 72070

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

51 36.5 30.1 45.1



#16

Acetone

Concen: 86.621 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012200.D

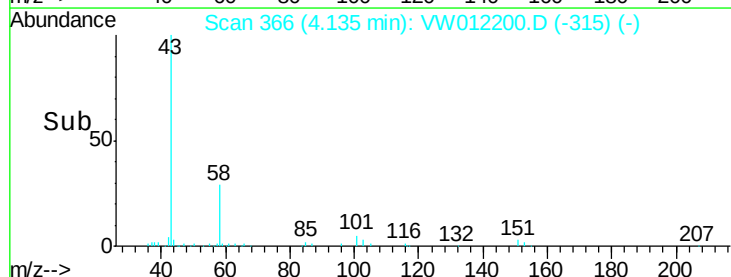
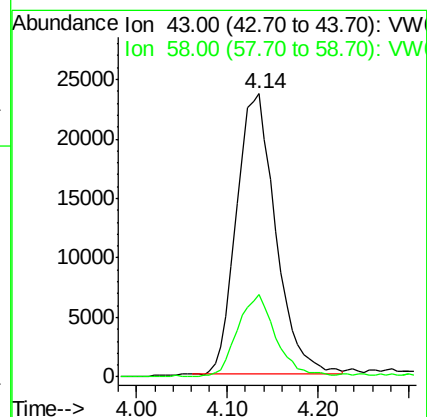
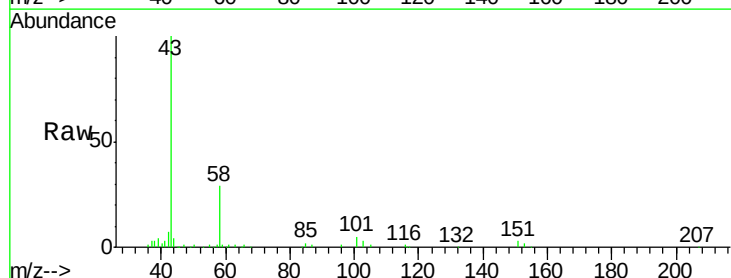
Acq: 27 Aug 2019 09:47

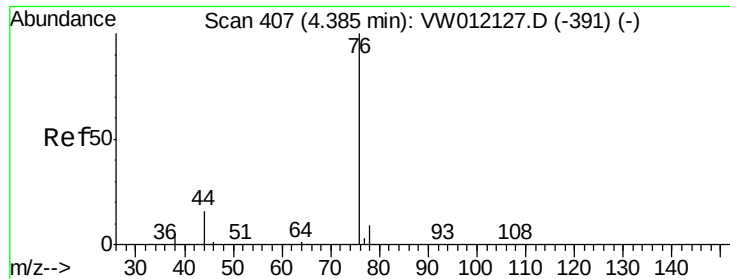
Tgt Ion: 43 Resp: 71079

Ion Ratio Lower Upper

43 100

58 29.2 22.4 33.6

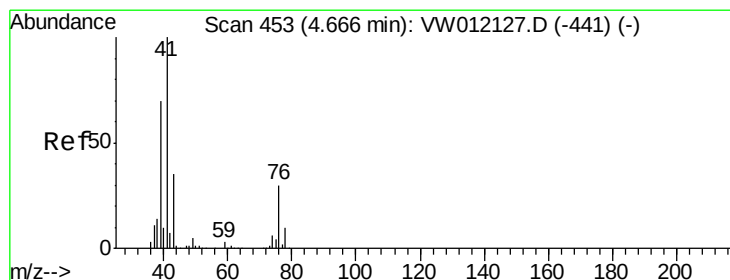
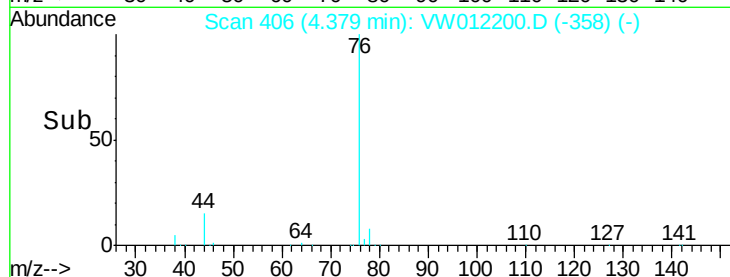
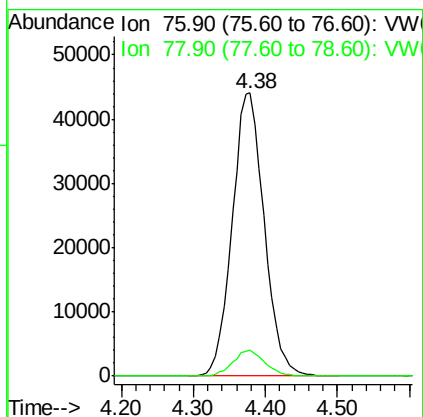
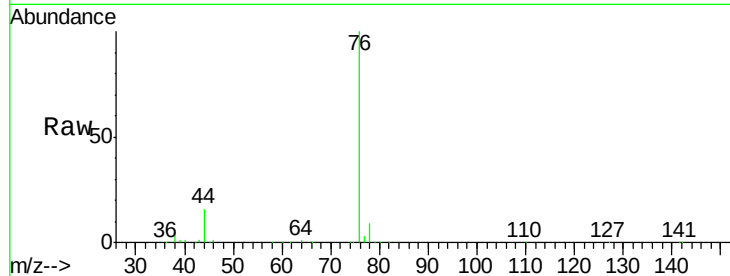




#17
Carbon Disulfide
Concen: 16.587 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

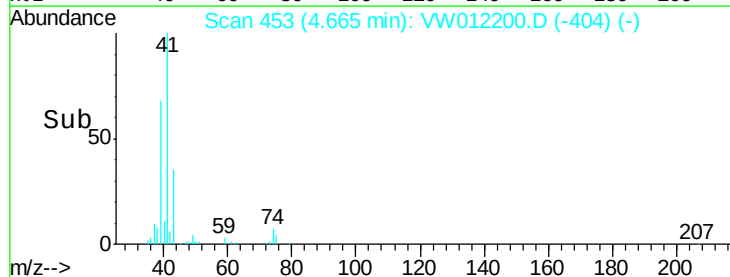
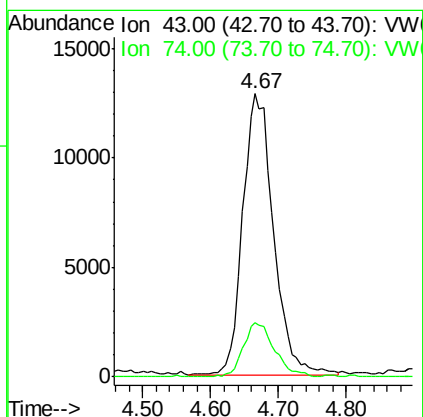
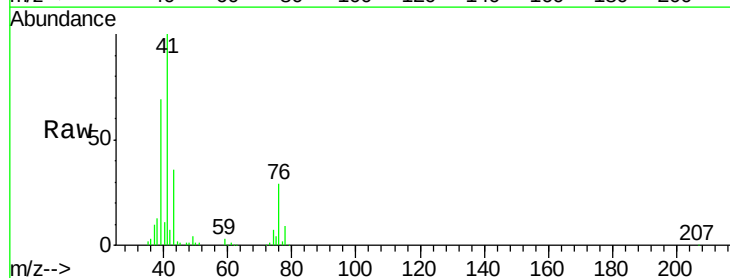
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

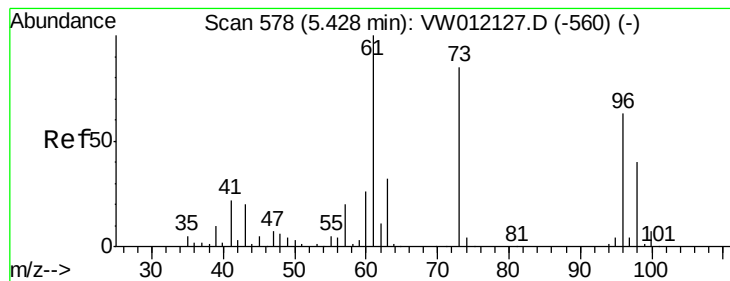
Tot Ion: 76 Resp: 135782
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 19.878 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 43 Resp: 40401
Ion Ratio Lower Upper
43 100
74 19.4 15.7 23.5



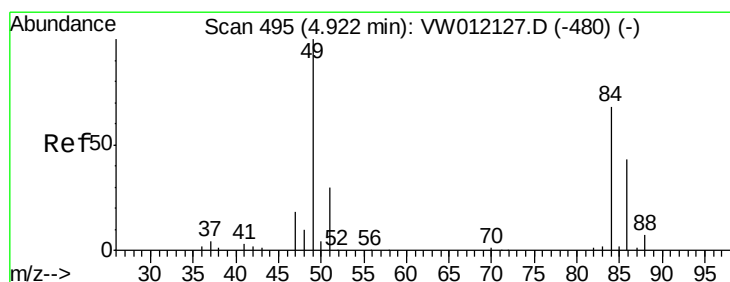
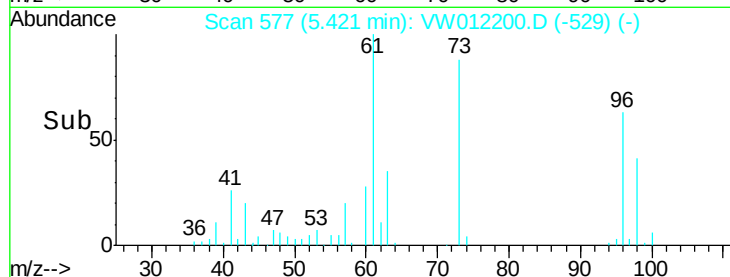
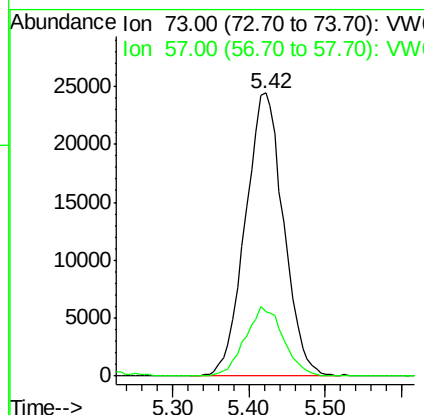
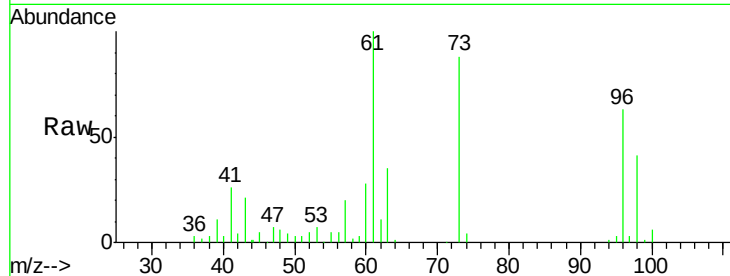


#19

Methyl tert-butyl Ether
 Concen: 19.360 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0827SBS01

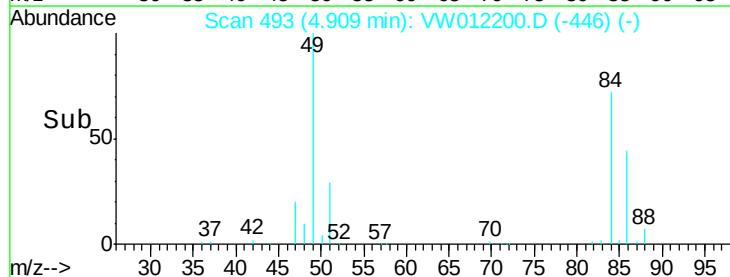
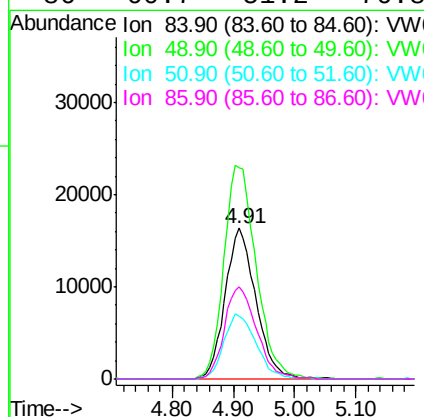
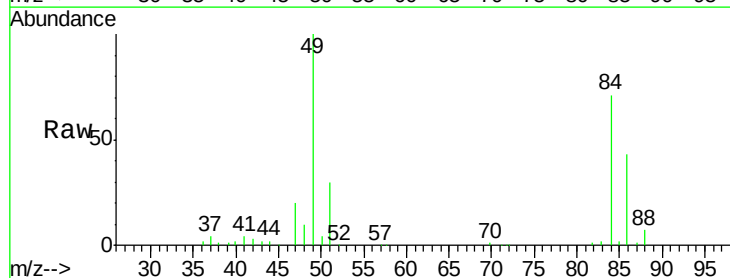
Tot Ion: 73 Resp: 84802
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.9 28.3

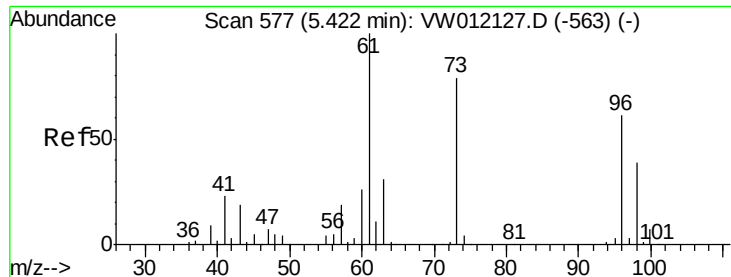


#20

Methylene Chloride
 Concen: 18.301 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion: 84 Resp: 56772
 Ion Ratio Lower Upper
 84 100
 49 140.0 117.8 176.8
 51 41.3 35.6 53.4
 86 60.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.026 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

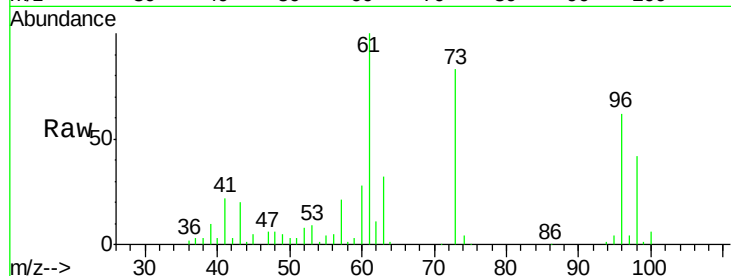
Tot Ion: 96 Resp: 55262

Ion Ratio Lower Upper

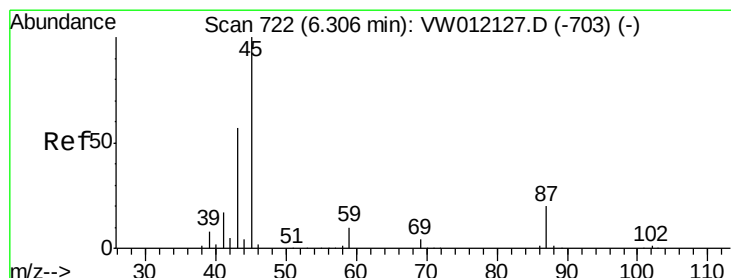
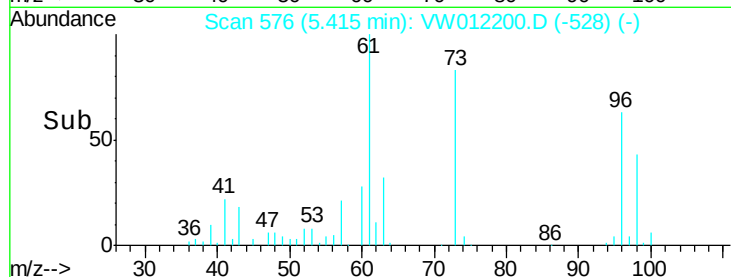
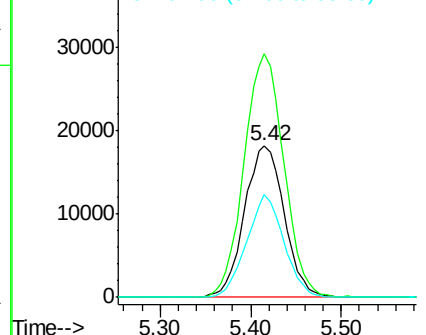
96 100

61 160.4 131.4 197.0

98 67.9 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: 19.932 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Tgt Ion: 45 Resp: 213943

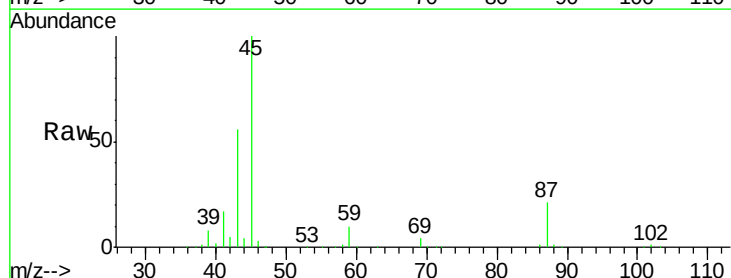
Ion Ratio Lower Upper

45 100

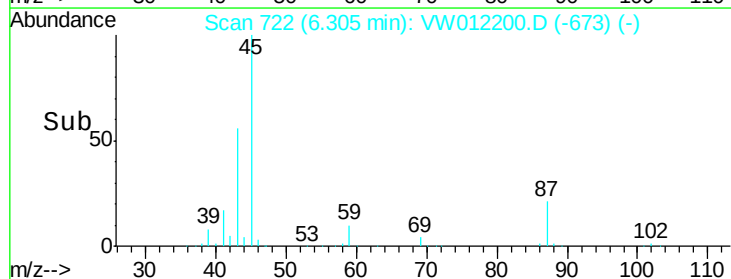
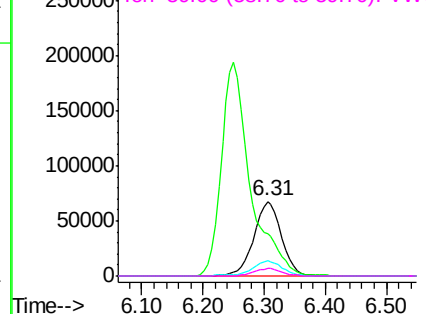
43 56.2 45.5 68.3

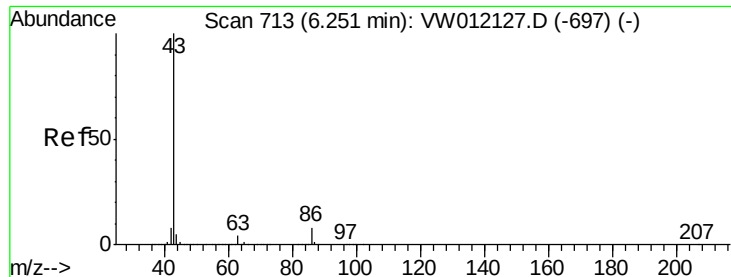
87 20.6 16.1 24.1

59 9.5 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: 96.852 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

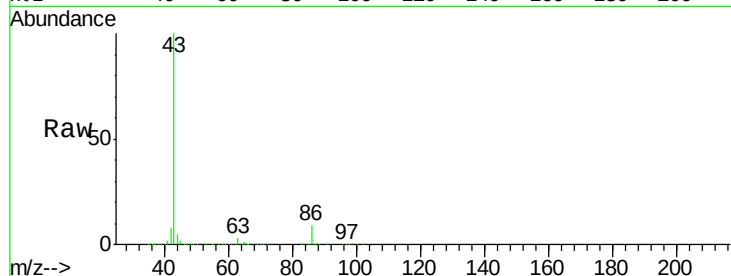
VW0827SBS01

Tot Ion: 43 Resp: 639769

Ion Ratio Lower Upper

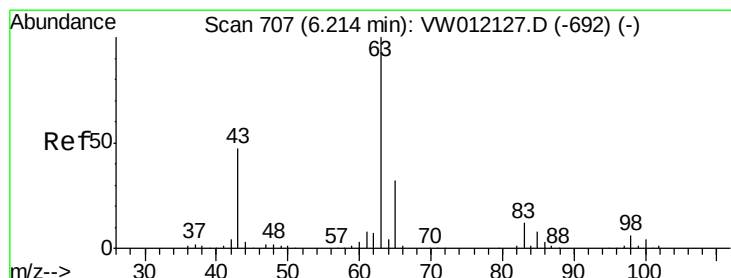
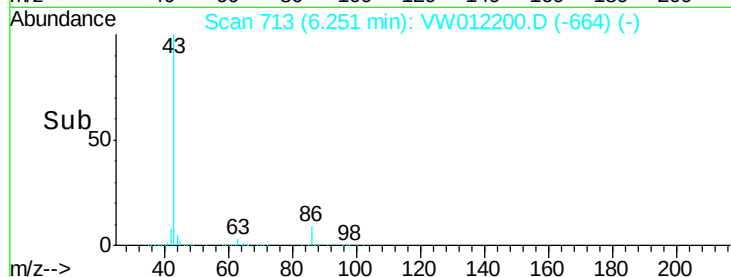
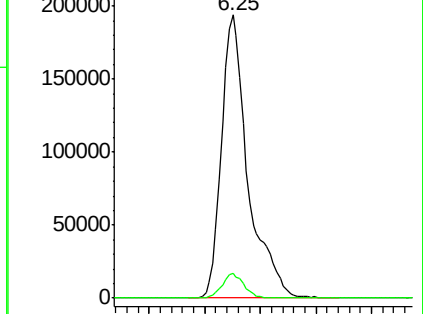
43 100

86 8.6 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.438 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

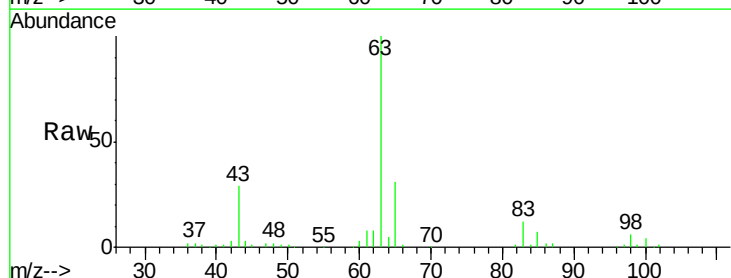
Tgt Ion: 63 Resp: 113602

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

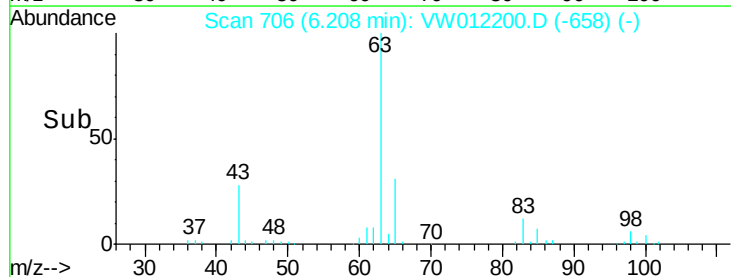
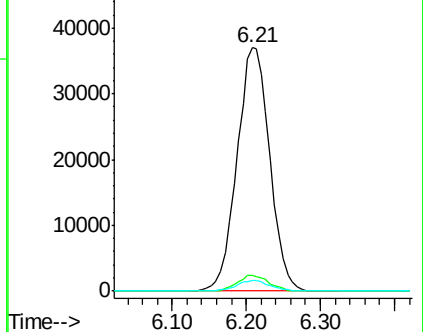
100 4.4 2.0 6.0

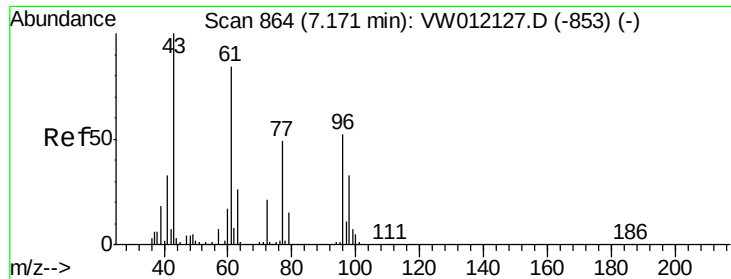


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 97.704 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampled :

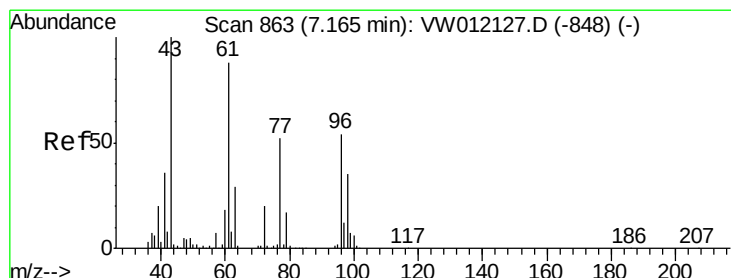
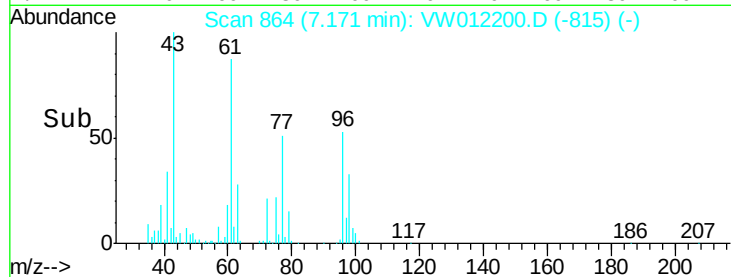
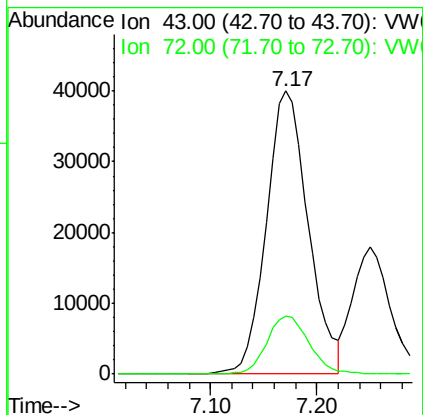
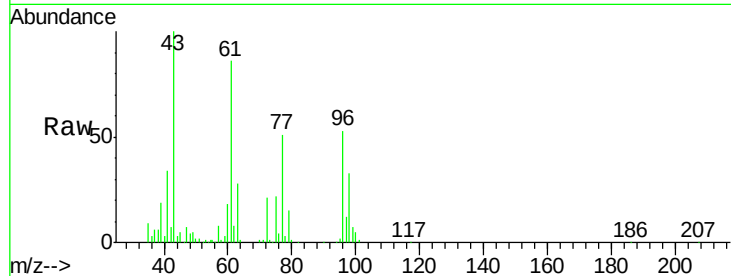
VW0827SBS01

Tot Ion: 43 Resp: 108947

Ion Ratio Lower Upper

43 100

72 20.6 16.6 24.8



#26

2,2-Dichloropropane

Concen: 20.910 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012200.D

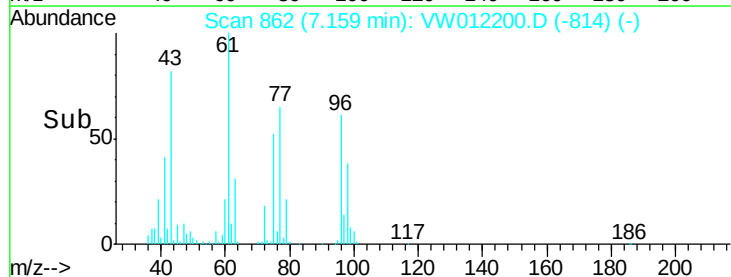
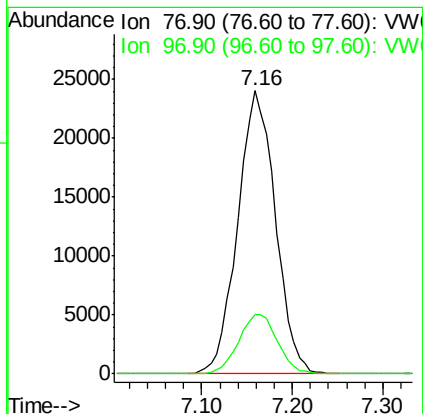
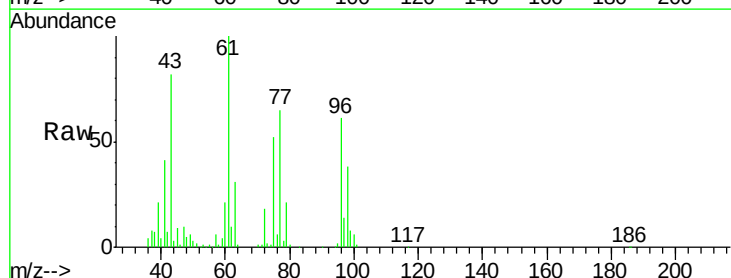
Acq: 27 Aug 2019 09:47

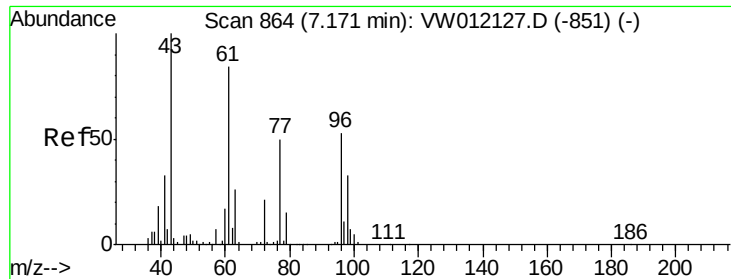
Tgt Ion: 77 Resp: 69169

Ion Ratio Lower Upper

77 100

97 21.5 11.1 33.1



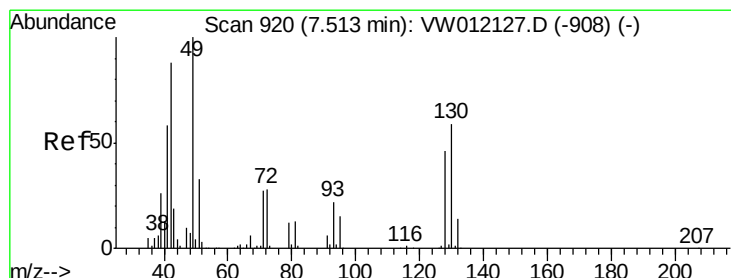
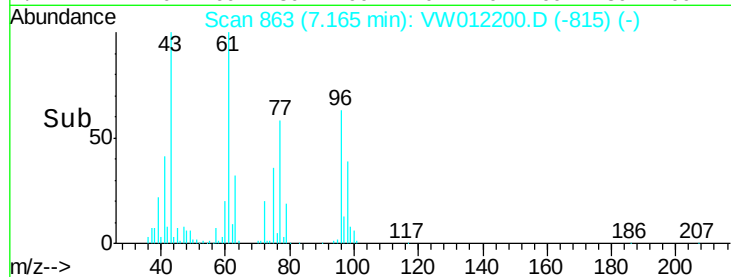
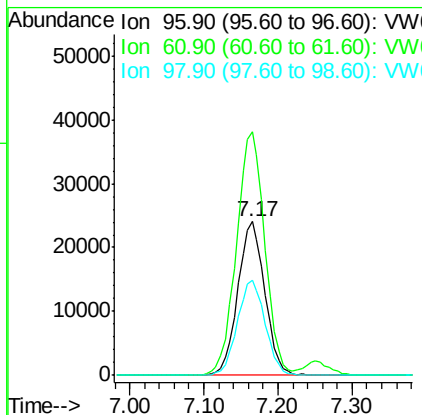
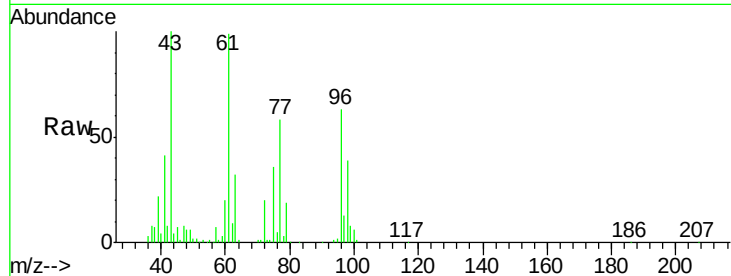


#27

cis-1,2-Dichloroethene
Concen: 19.776 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

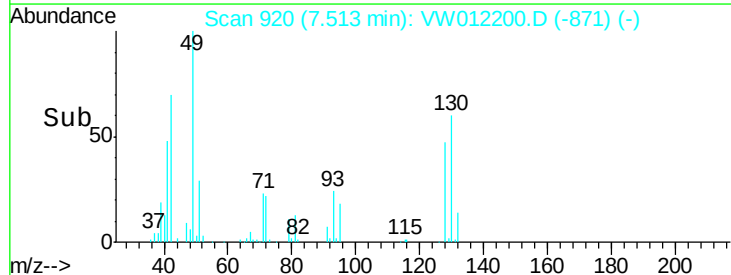
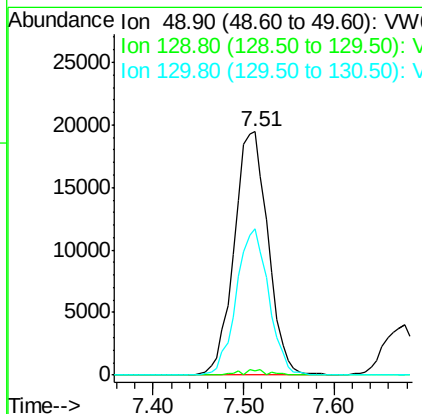
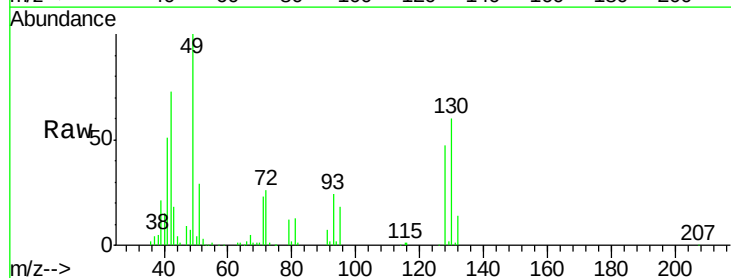
Tot Ion: 96 Resp: 61370
Ion Ratio Lower Upper
96 100
61 165.6 0.0 326.6
98 63.5 0.0 127.4

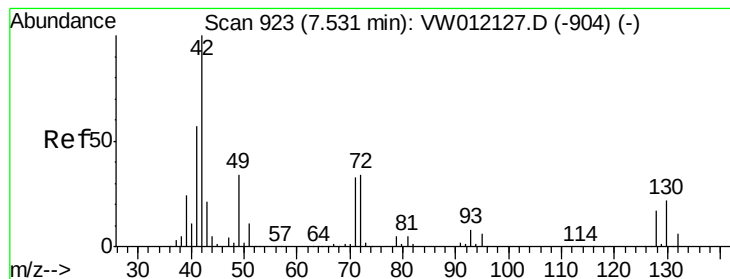


#28

Bromochloromethane
Concen: 19.841 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 49 Resp: 50540
Ion Ratio Lower Upper
49 100
129 1.6 0.0 1.4#
130 57.2 45.5 68.3





#29

Tetrahydrofuran

Concen: 95.748 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

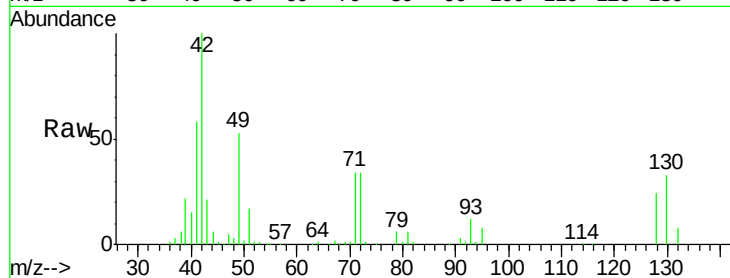
Tot Ion: 42 Resp: 64055

Ion Ratio Lower Upper

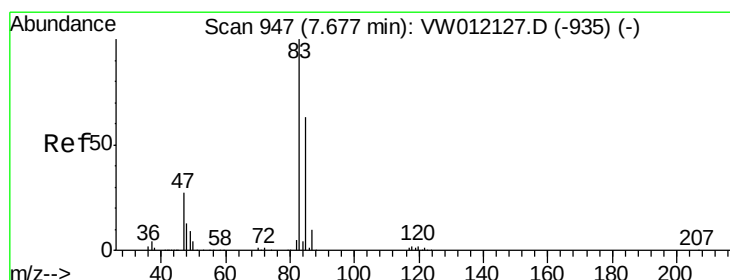
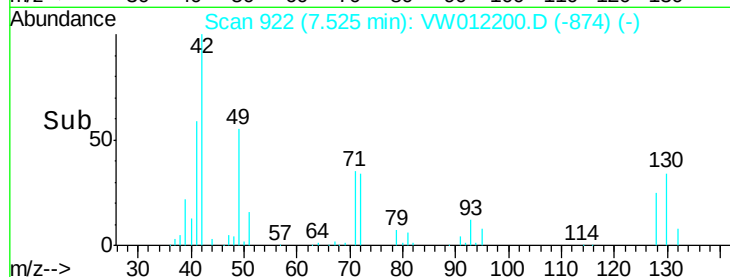
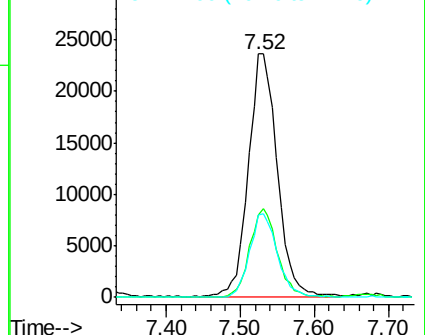
42 100

72 35.0 27.3 40.9

71 33.3 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: 19.733 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW012200.D

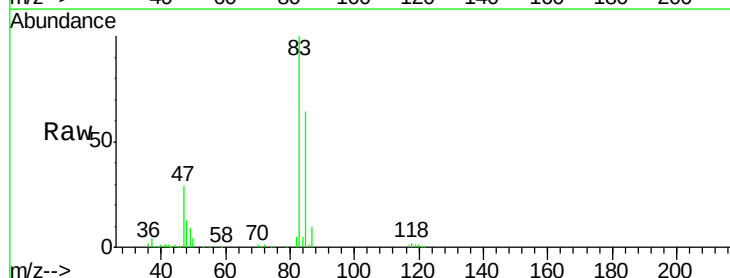
Acq: 27 Aug 2019 09:47

Tgt Ion: 83 Resp: 105510

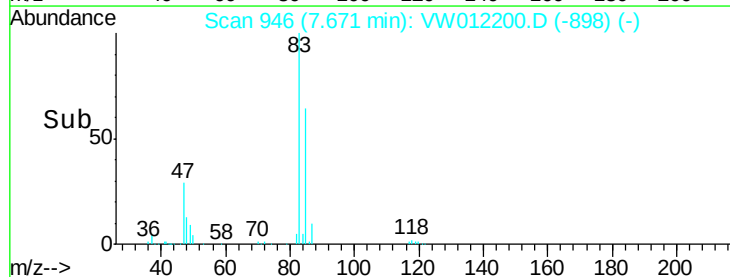
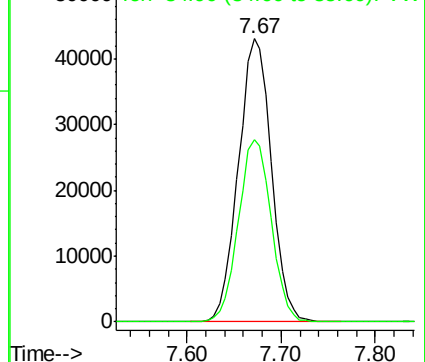
Ion Ratio Lower Upper

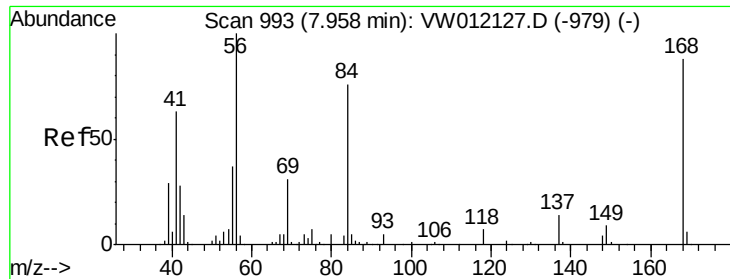
83 100

85 64.4 50.6 76.0



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

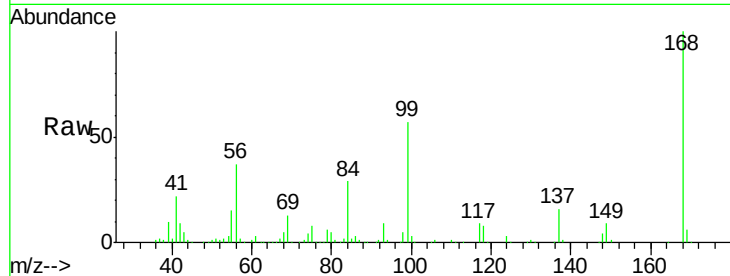




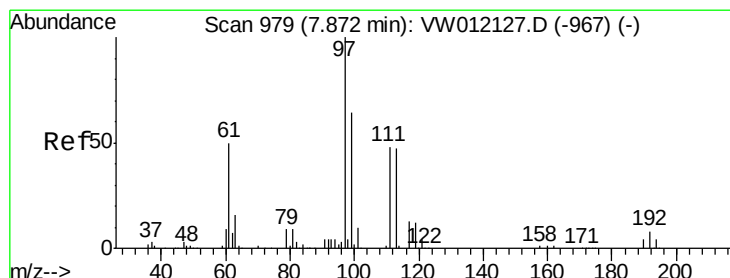
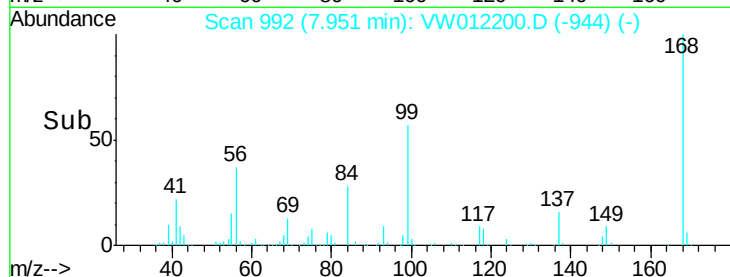
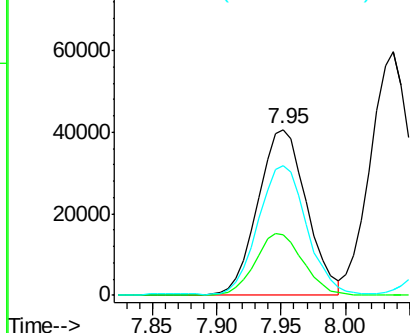
#31
Cyclohexane
Concen: 18.462 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

Tot Ion: 56 Resp: 106751
Ion Ratio Lower Upper
56 100
69 36.1 24.9 37.3
84 77.5 60.6 90.8

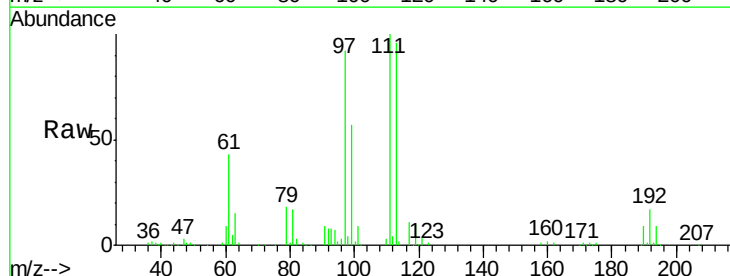


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

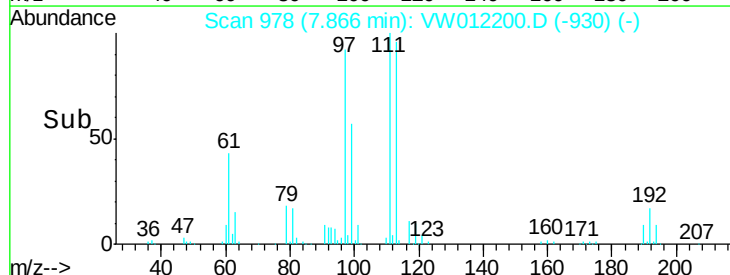
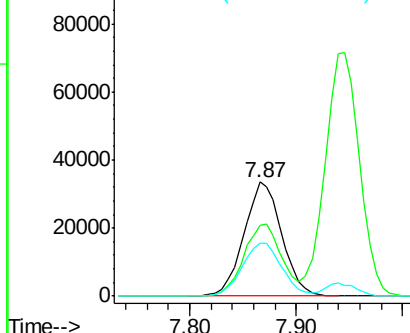


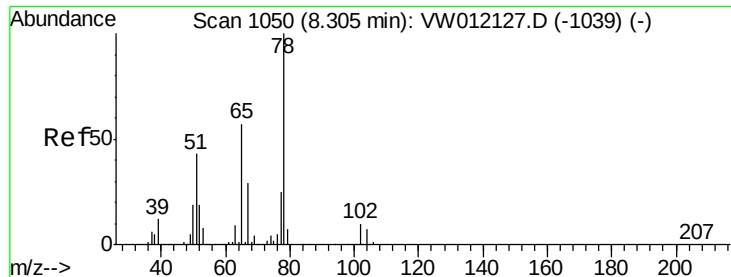
#32
1,1,1-Trichloroethane
Concen: 19.625 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 97 Resp: 83009
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 49.0 39.5 59.3



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

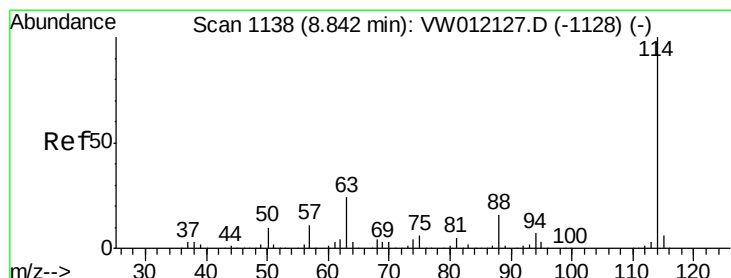
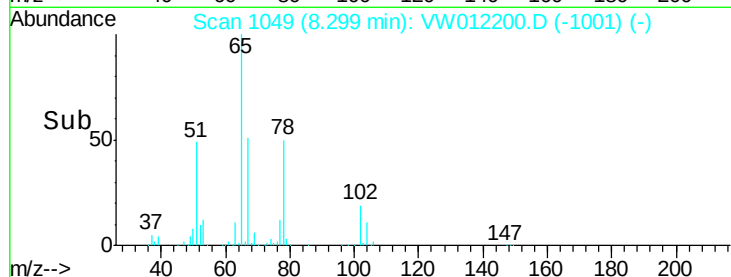
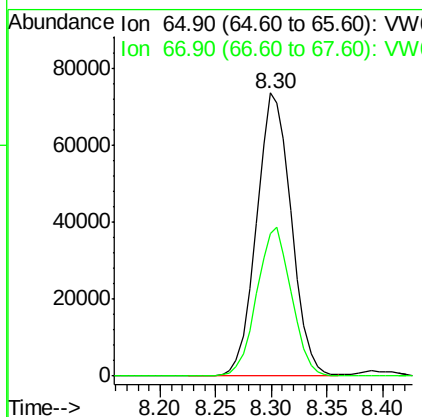
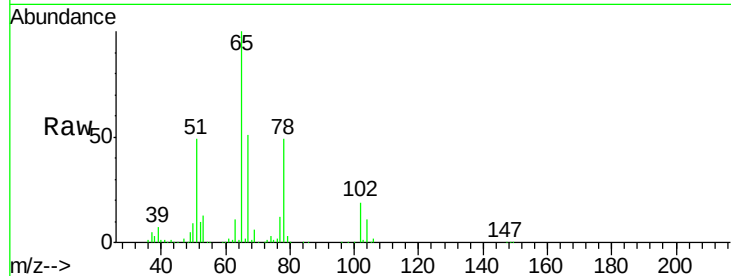




#33
 1,2-Dichloroethane-d4
 Concen: 49.743 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

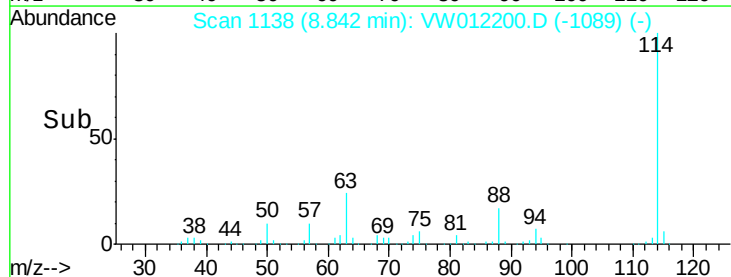
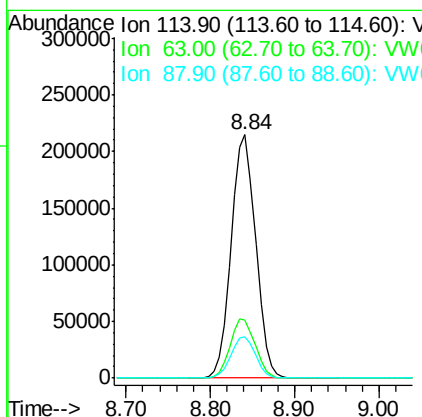
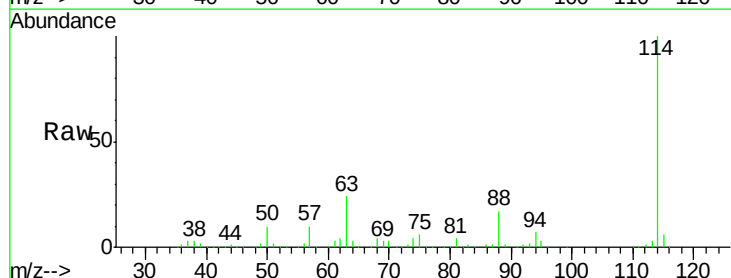
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

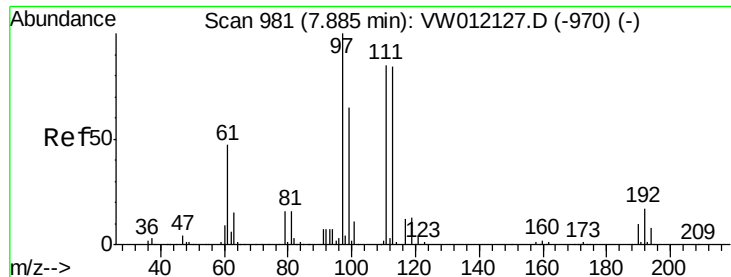
Tot Ion: 65 Resp: 159683
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion: 114 Resp: 423228
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.778 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

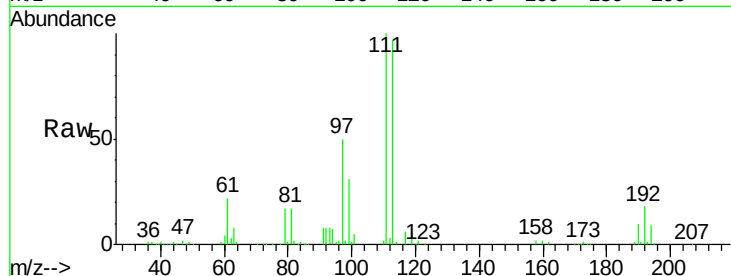
Tot Ion:113 Resp: 130806

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

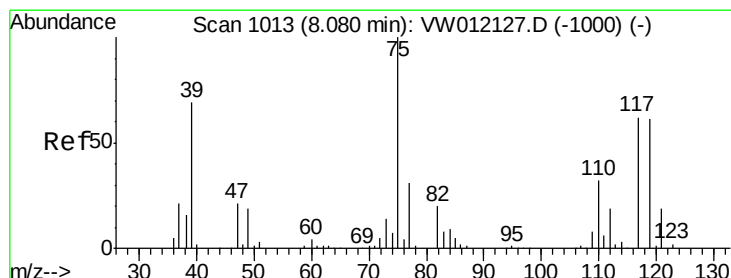
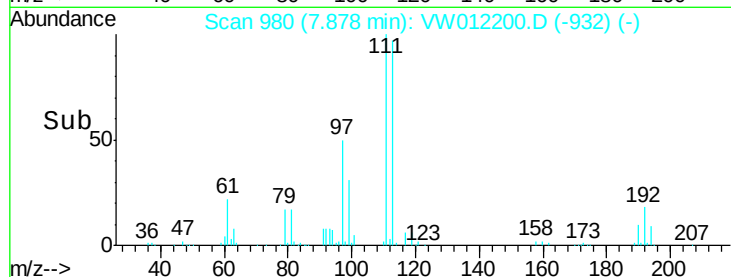
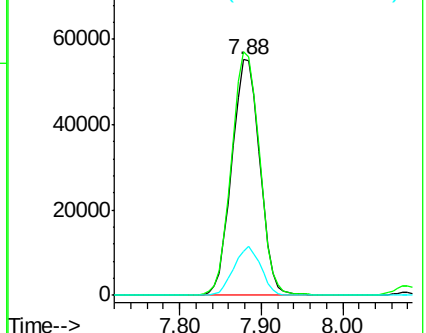
192 20.0 16.2 24.2



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: 19.837 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

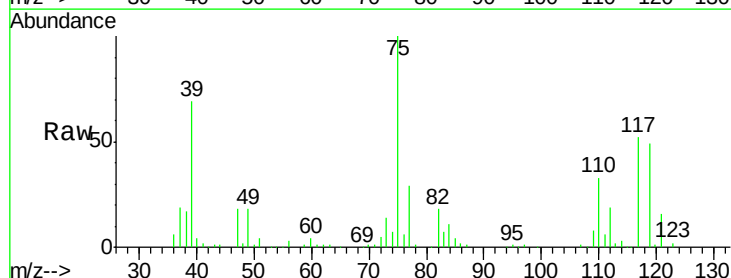
Tgt Ion: 75 Resp: 86759

Ion Ratio Lower Upper

75 100

110 32.0 15.6 46.8

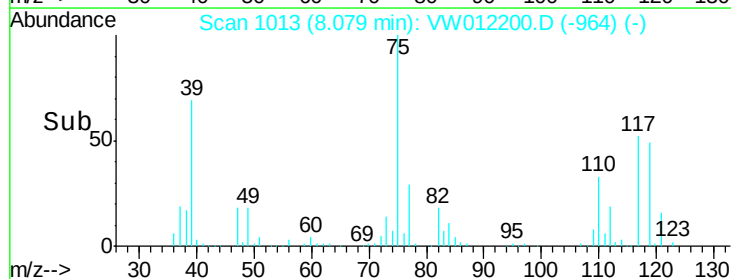
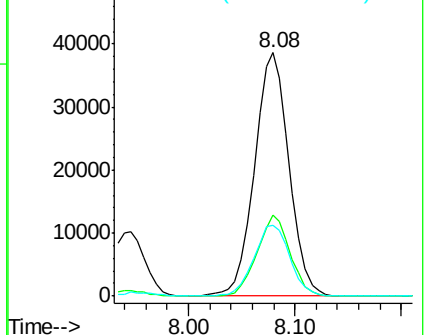
77 30.7 24.6 36.8

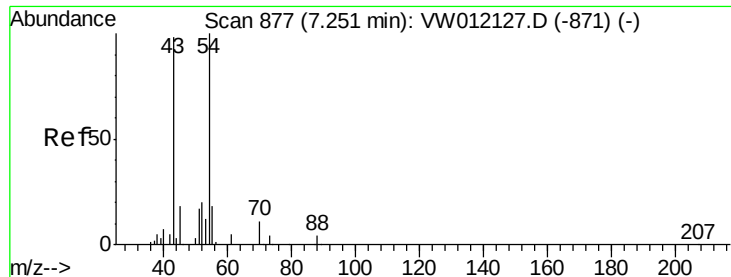


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

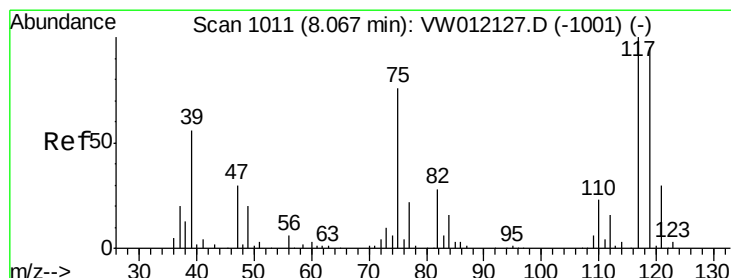
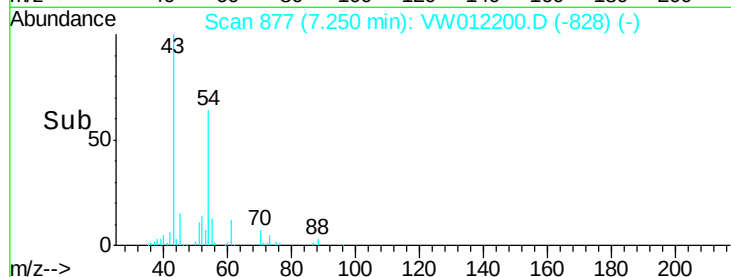
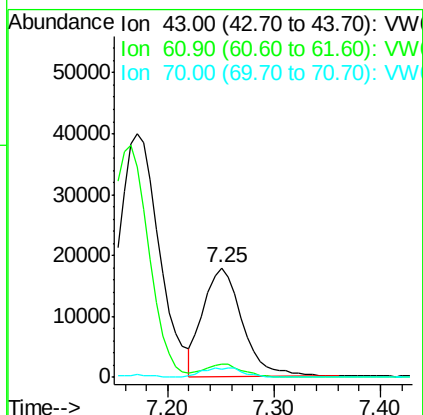
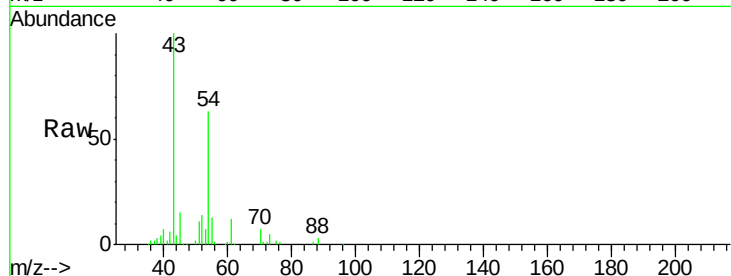




#37
Ethyl Acetate
Concen: 18.910 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

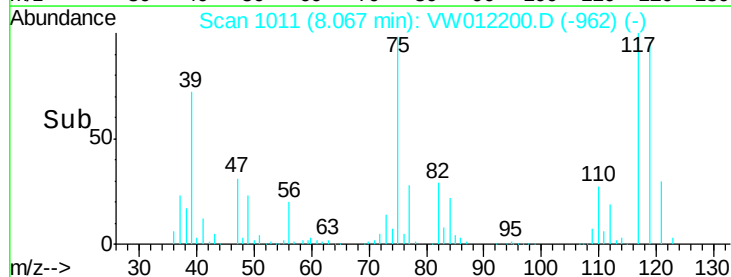
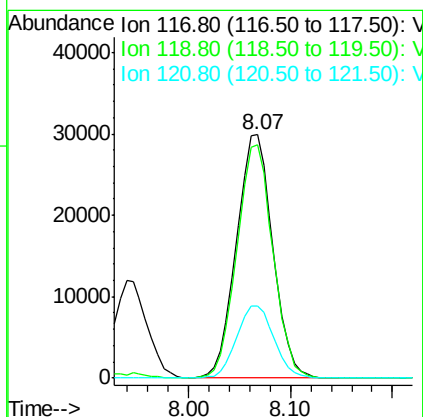
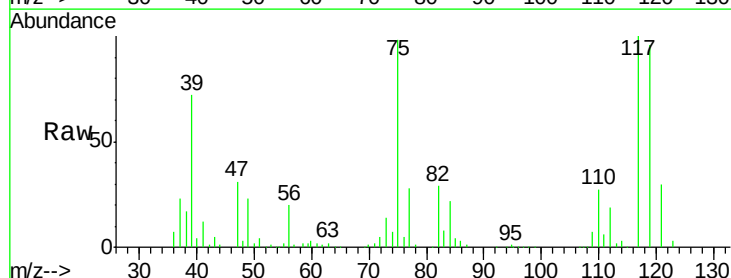
Instrument :
MSVOA_W
ClientSampled :
VW0827SBS01

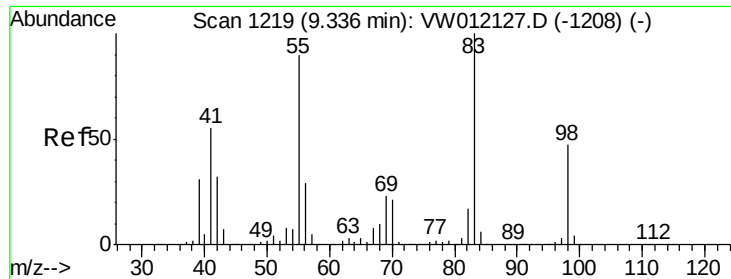
Tot Ion: 43 Resp: 45320
Ion Ratio Lower Upper
43 100
61 12.2 9.2 13.8
70 9.2 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.586 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 117 Resp: 74143
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2
121 29.6 23.8 35.8

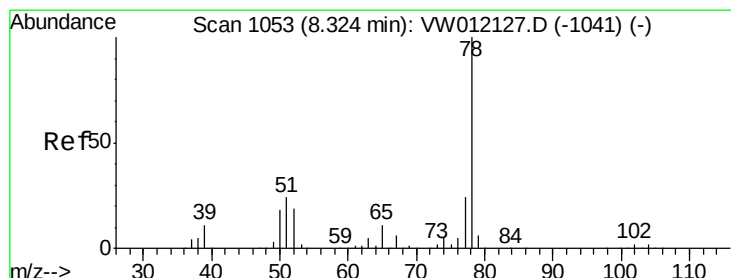
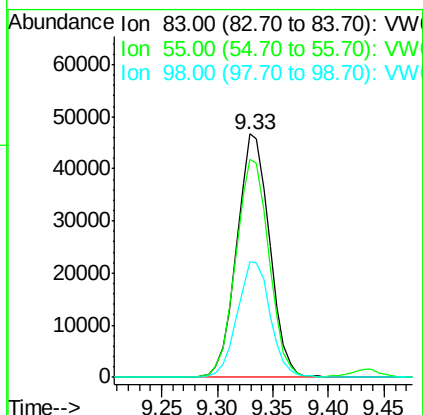
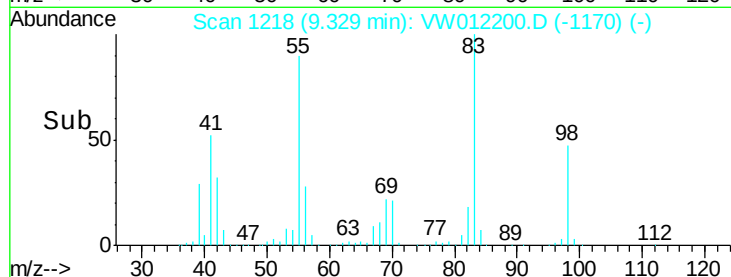
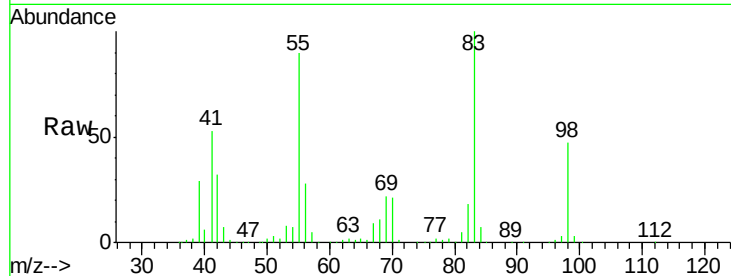




#39
Methylvlcyclohexane
Concen: 19.421 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

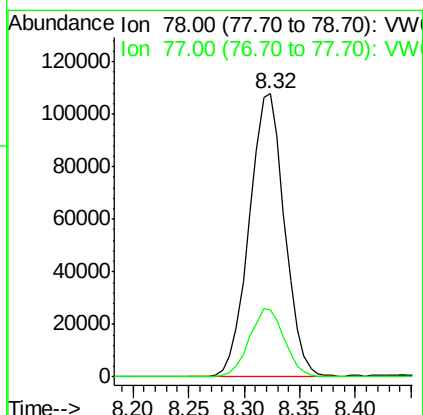
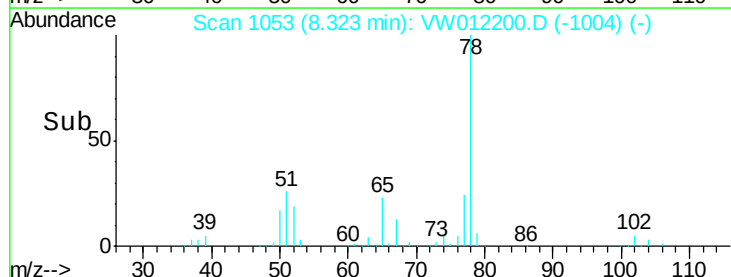
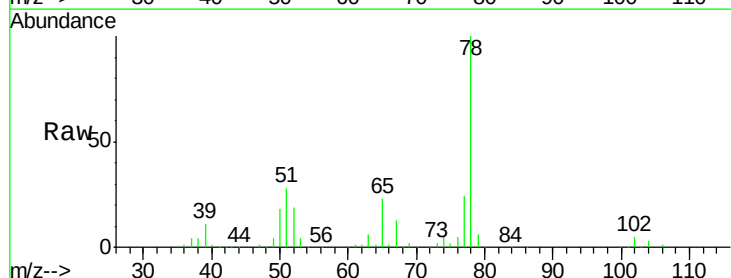
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

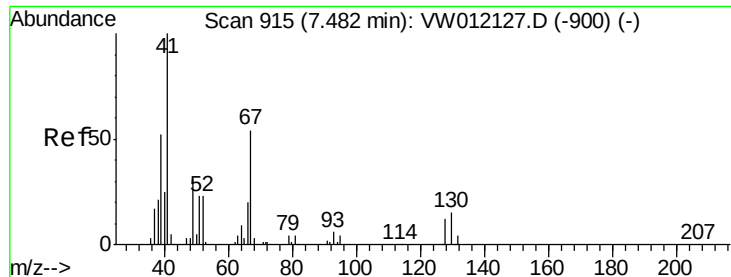
Tot Ion: 83 Resp: 95424
Ion Ratio Lower Upper
83 100
55 89.7 71.8 107.8
98 47.5 37.8 56.8



#40
Benzene
Concen: 19.982 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 78 Resp: 238635
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41

Methacrylonitrile

Concen: 21.693 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

Tot Ion: 41 Resp: 30557

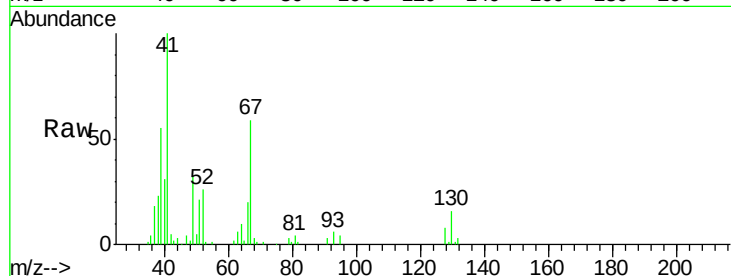
Ion Ratio Lower Upper

41 100

39 48.8 45.8 68.8

67 52.7 46.2 69.4

52 25.1 21.0 31.6

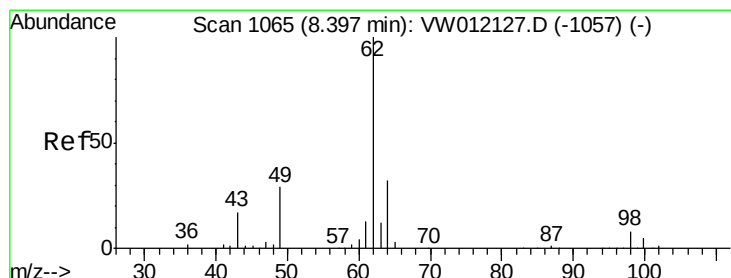
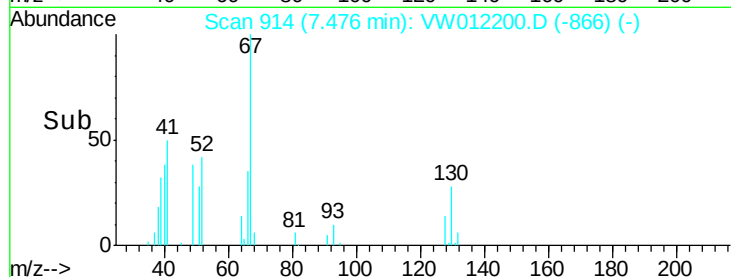
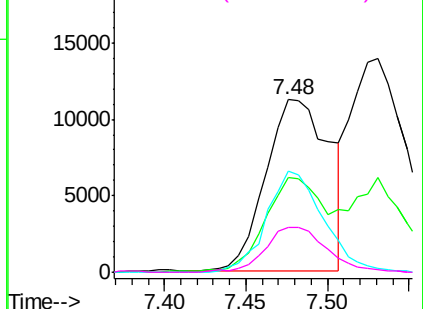


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.678 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012200.D

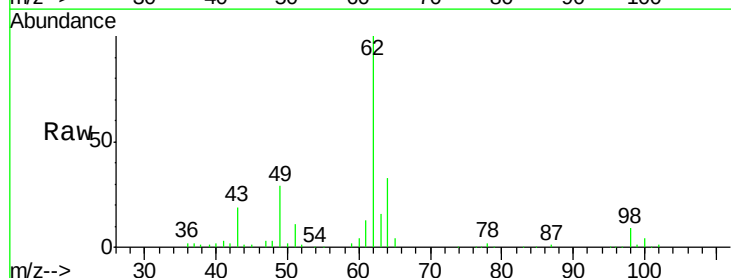
Acq: 27 Aug 2019 09:47

Tgt Ion: 62 Resp: 73650

Ion Ratio Lower Upper

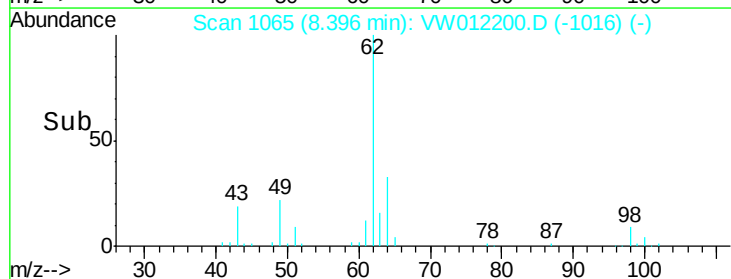
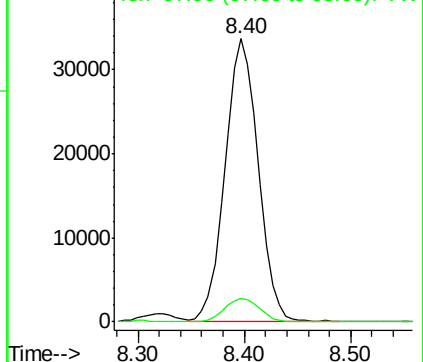
62 100

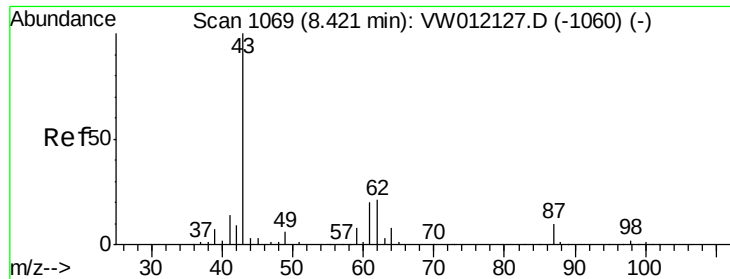
98 8.8 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.807 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

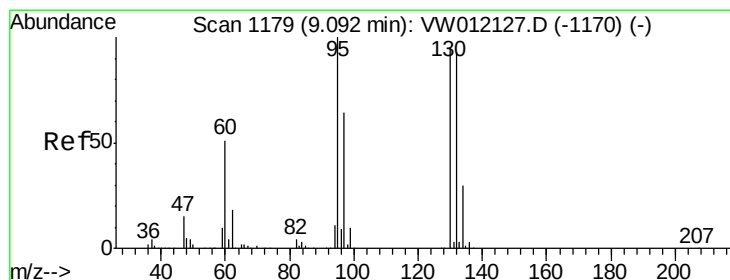
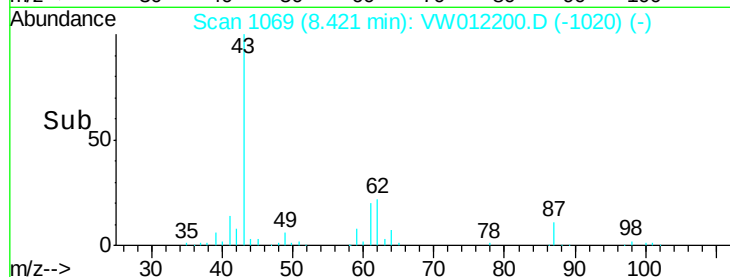
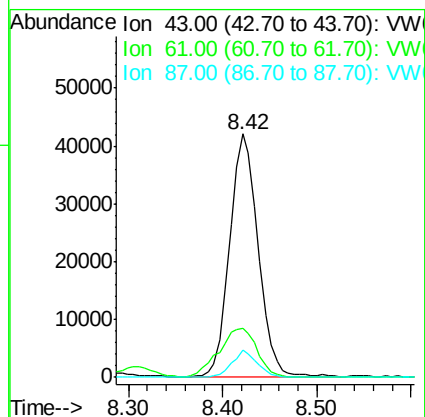
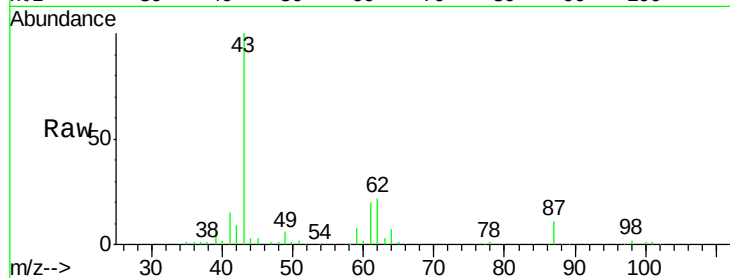
Tot Ion: 43 Resp: 87932

Ion Ratio Lower Upper

43 100

61 27.5 21.1 31.7

87 9.9 8.2 12.2



#44

Trichloroethene

Concen: 19.785 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012200.D

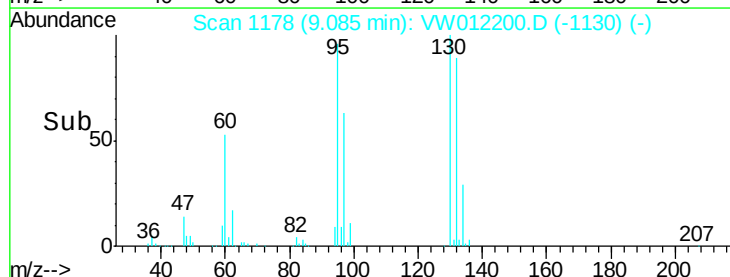
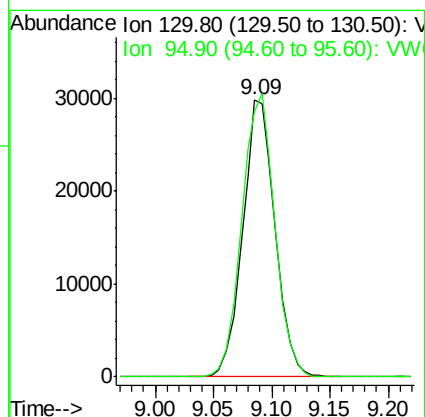
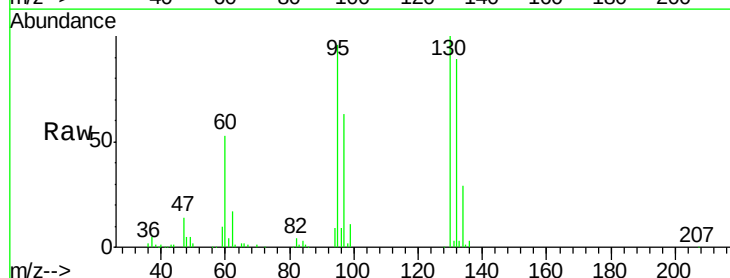
Acq: 27 Aug 2019 09:47

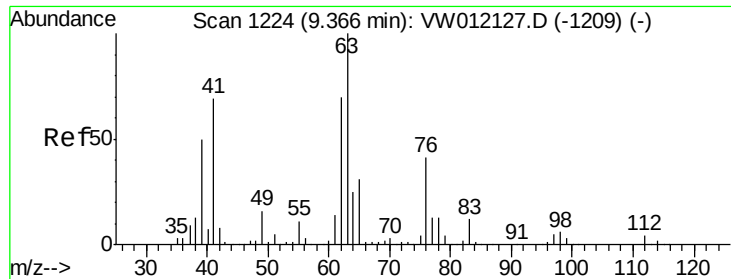
Tgt Ion: 130 Resp: 57440

Ion Ratio Lower Upper

130 100

95 95.8 0.0 210.6





#45

1,2-Dichloropropane

Concen: 20.096 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

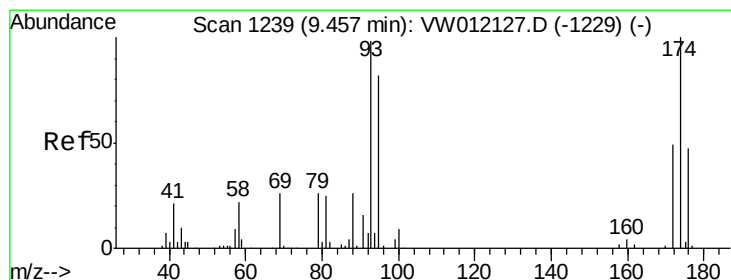
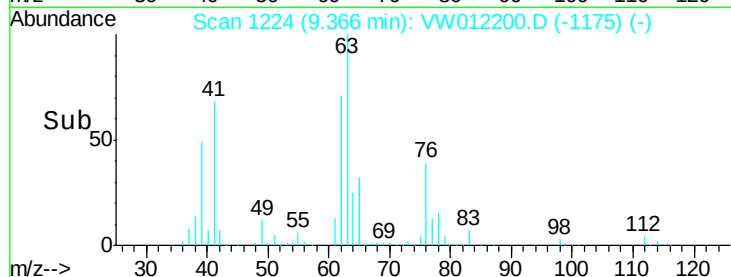
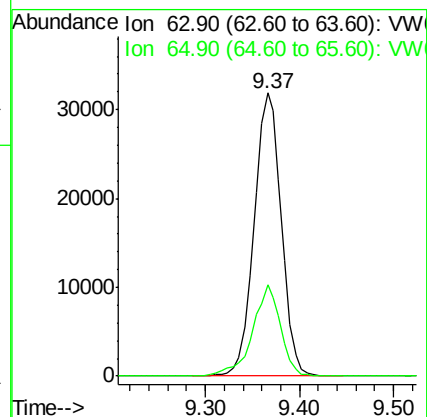
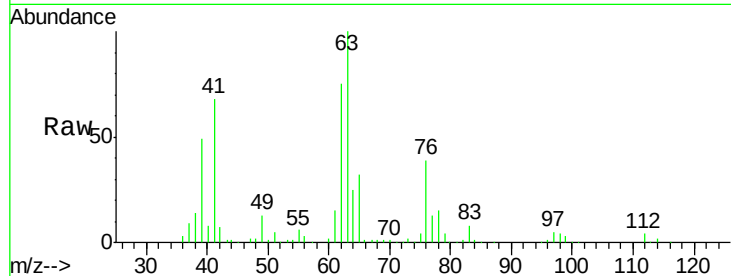
VW0827SBS01

Tot Ion: 63 Resp: 64590

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 19.788 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

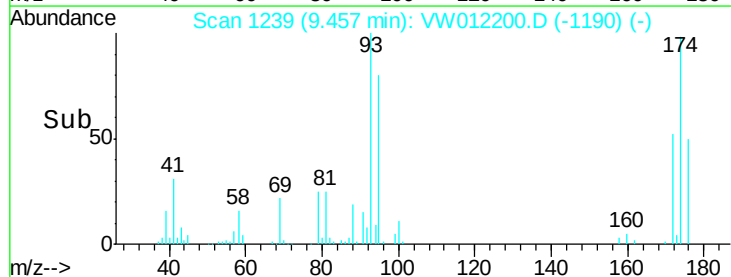
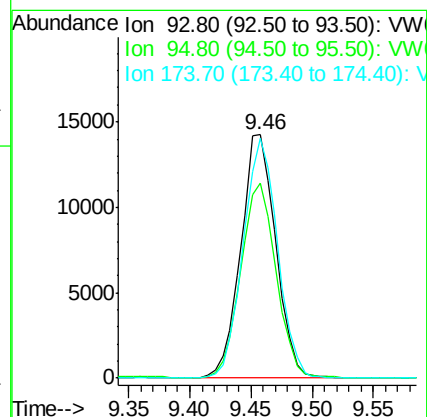
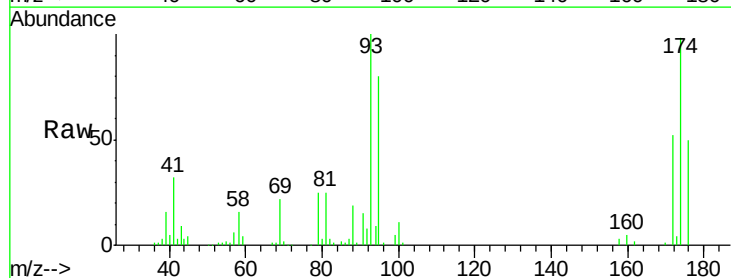
Tgt Ion: 93 Resp: 28297

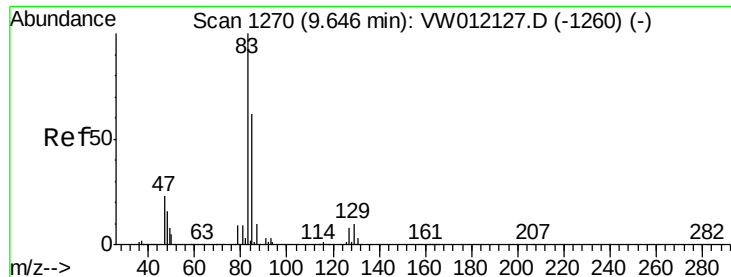
Ion Ratio Lower Upper

93 100

95 81.1 67.2 100.8

174 96.6 79.0 118.6

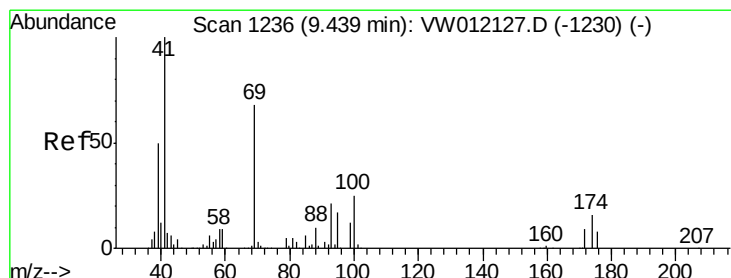
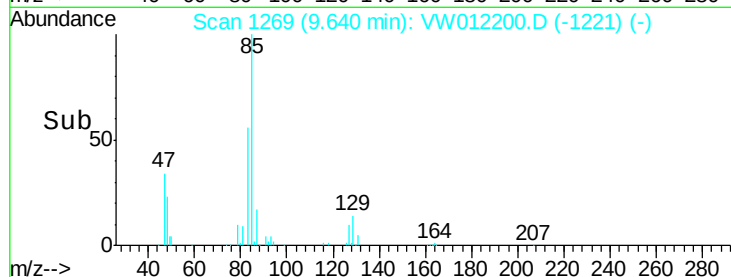
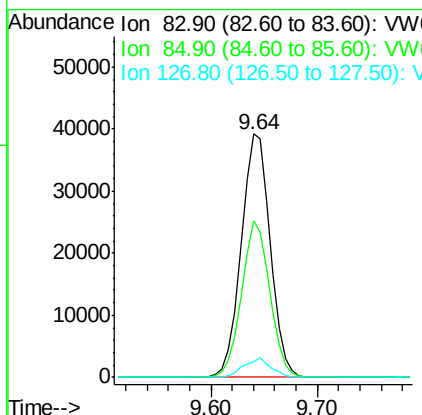
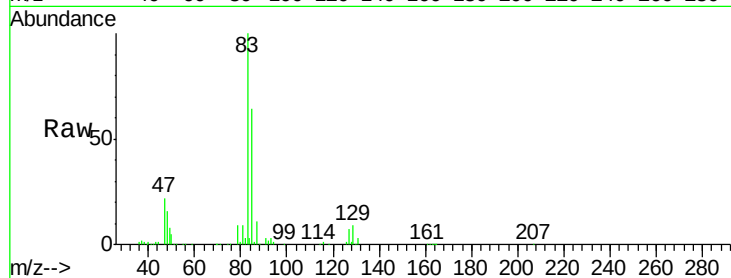




#47
Bromodichloromethane
Concen: 19.707 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

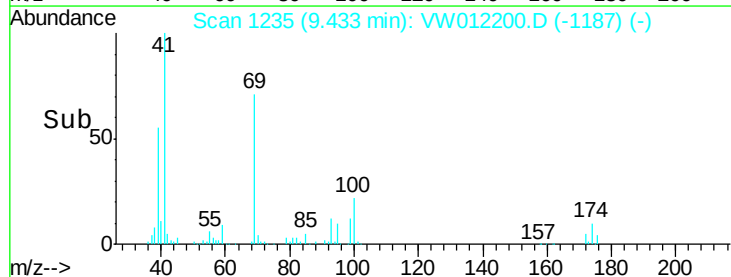
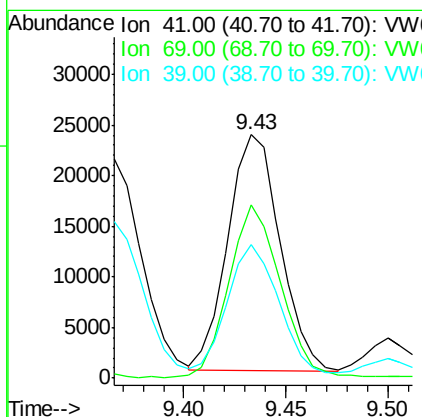
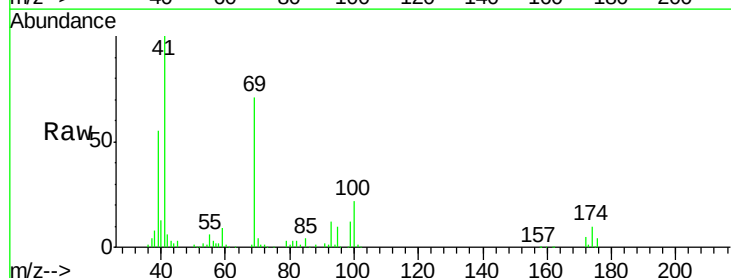
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

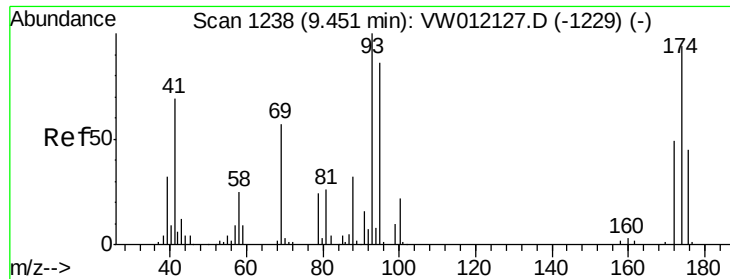
Tot Ion: 83 Resp: 75002
Ion Ratio Lower Upper
83 100
85 64.1 49.4 74.2
127 6.6 6.1 9.1



#48
Methyl methacrylate
Concen: 19.658 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 41 Resp: 41535
Ion Ratio Lower Upper
41 100
69 73.0 56.7 85.1
39 51.8 42.0 63.0

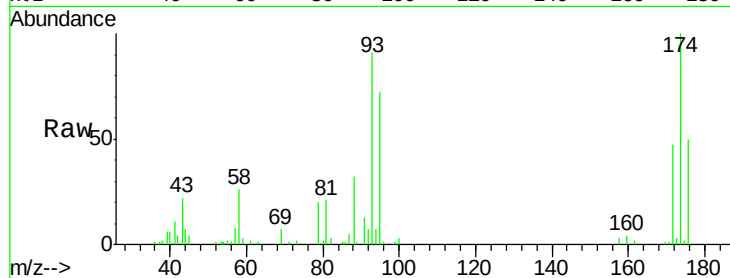




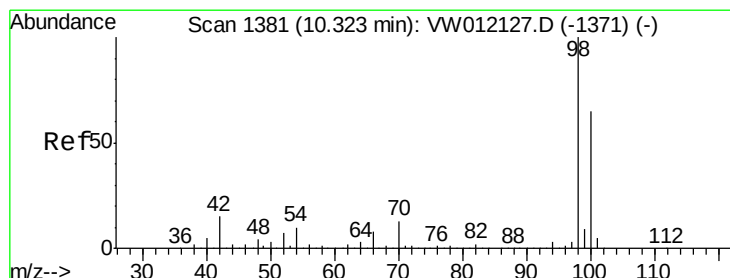
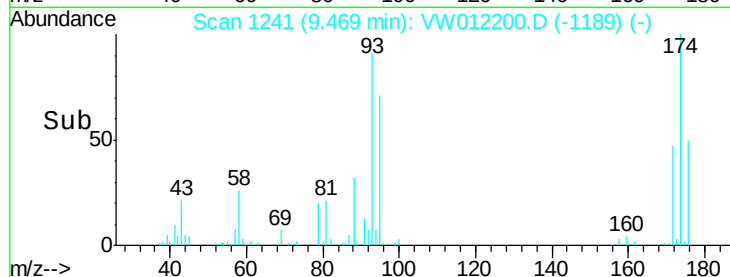
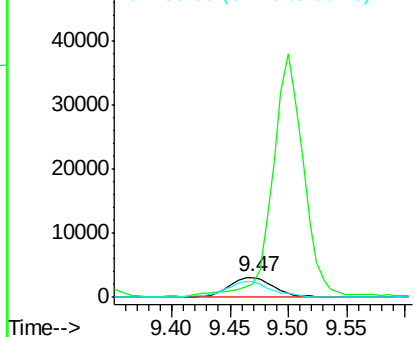
#49
1,4-Dioxane
Concen: 376.256 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

Tot Ion: 88 Resp: 8237
Ion Ratio Lower Upper
88 100
43 0.0 32.9 49.3#
58 86.1 71.0 106.4

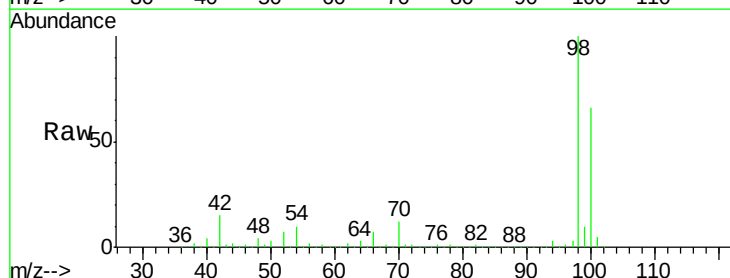


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

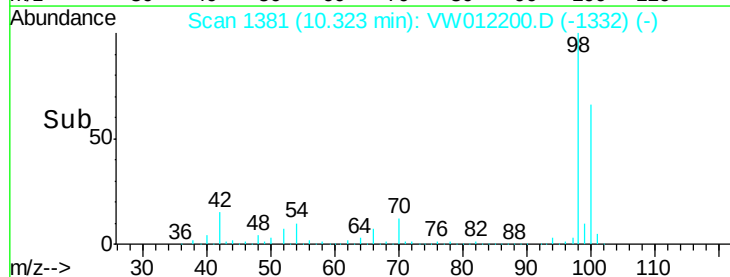
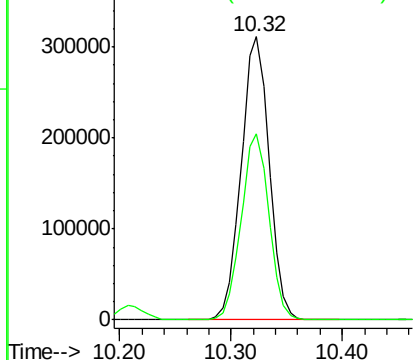


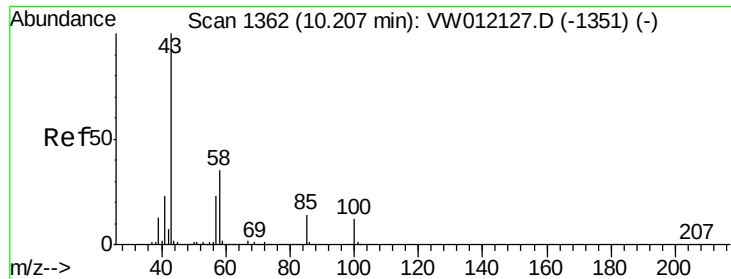
#50
Toluene-d8
Concen: 52.973 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 98 Resp: 542612
Ion Ratio Lower Upper
98 100
100 65.2 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: 100.022 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampled :

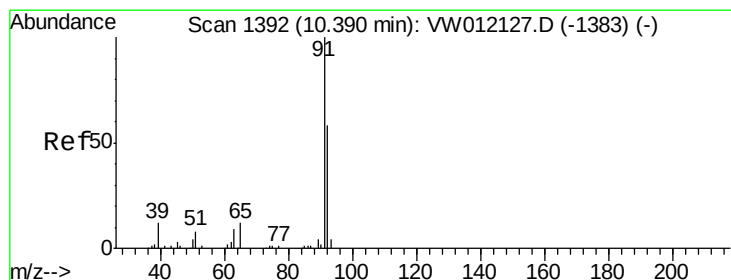
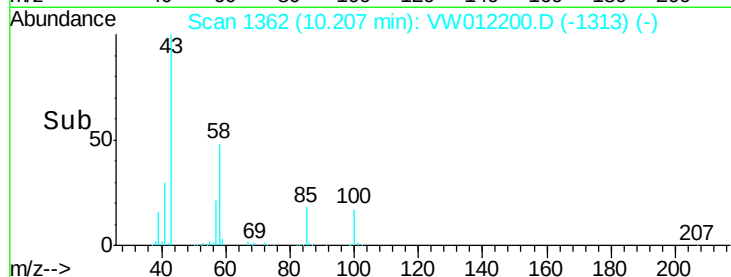
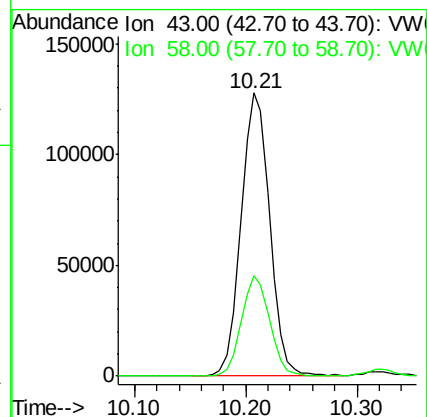
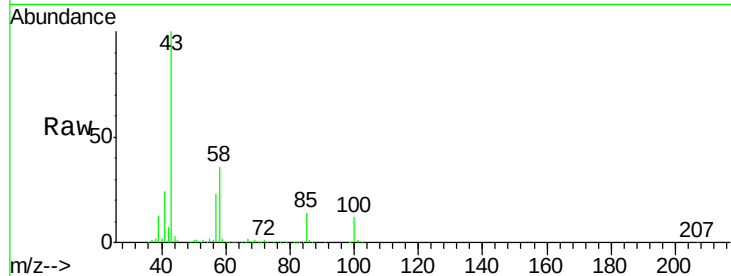
VW0827SBS01

Tot Ion: 43 Resp: 225849

Ion Ratio Lower Upper

43 100

58 35.2 28.2 42.2



#52

Toluene

Concen: 20.303 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012200.D

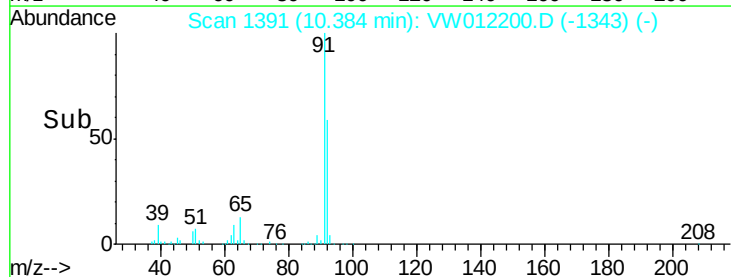
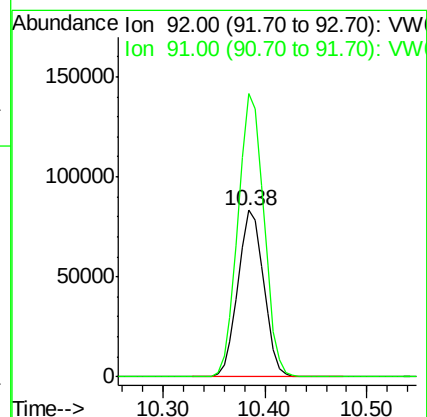
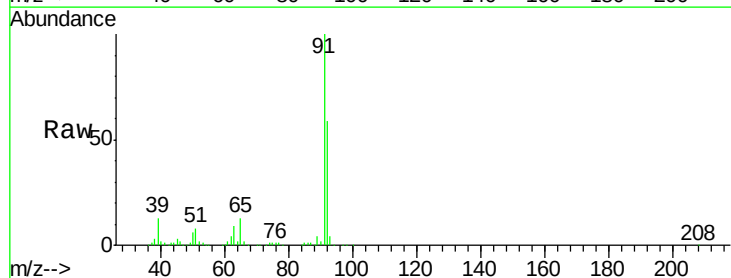
Acq: 27 Aug 2019 09:47

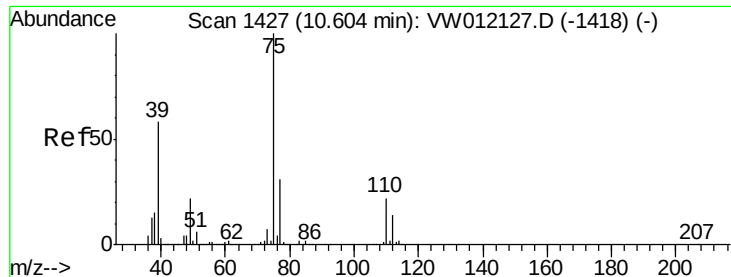
Tgt Ion: 92 Resp: 145659

Ion Ratio Lower Upper

92 100

91 170.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.094 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

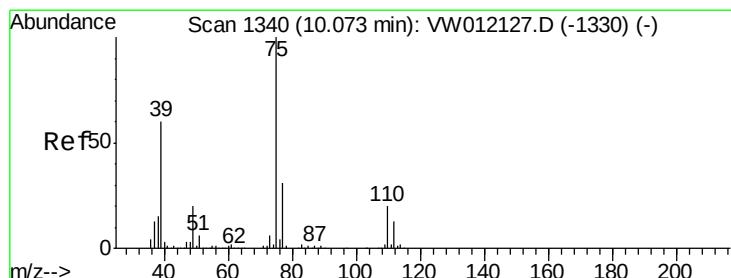
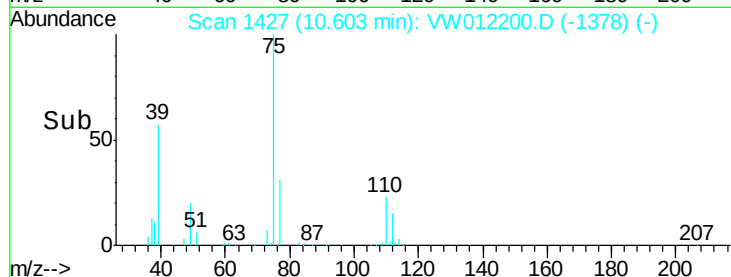
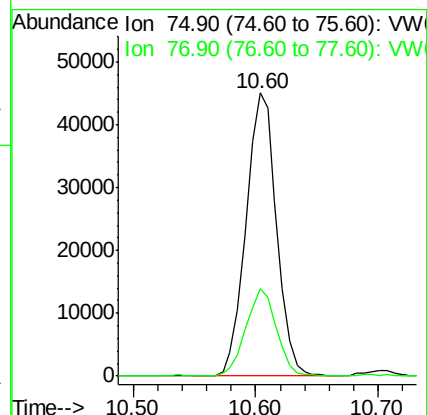
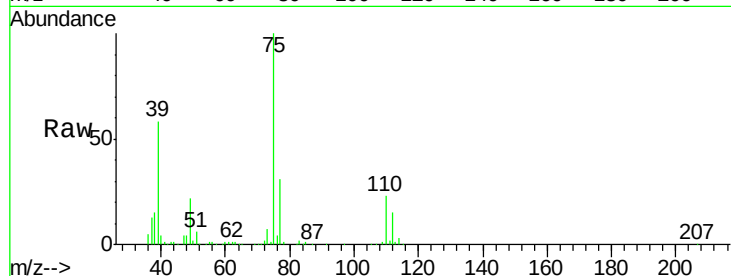
VW0827SBS01

Tot Ion: 75 Resp: 77900

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.813 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

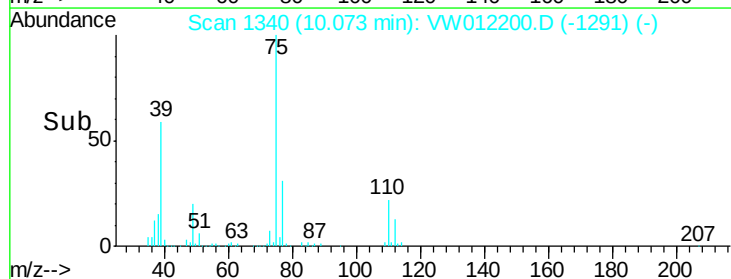
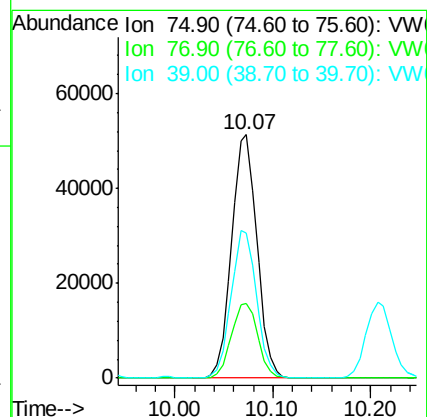
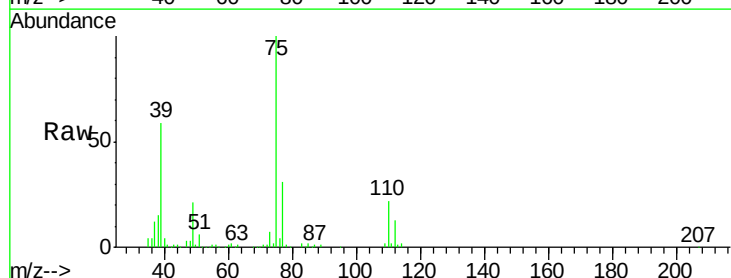
Tgt Ion: 75 Resp: 92746

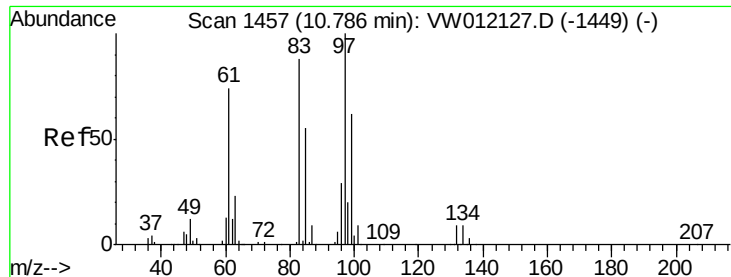
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 59.3 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 20.302 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

Tot Ion: 97 Resp: 41077

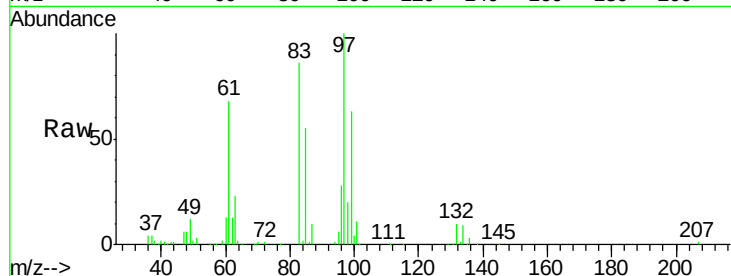
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.8	106.2
85	54.9	43.8	65.8
99	62.8	49.8	74.6

97 100

83 85.7 70.8 106.2

85 54.9 43.8 65.8

99 62.8 49.8 74.6

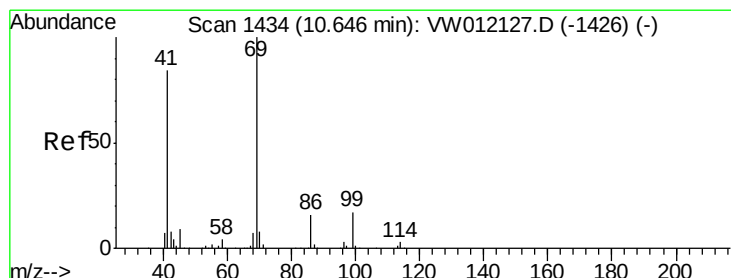
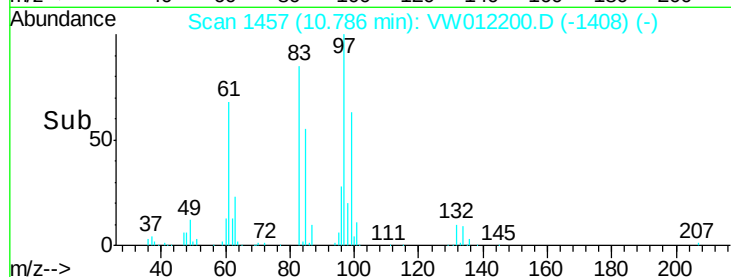
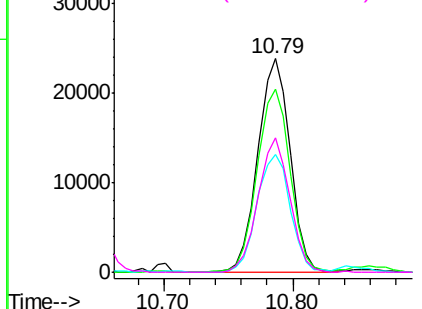


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 20.440 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

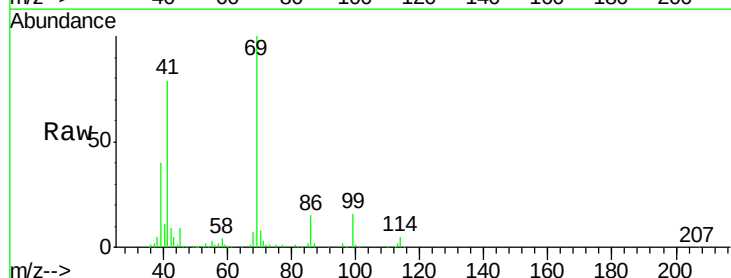
Tgt Ion: 69 Resp: 60190

Ion	Ratio	Lower	Upper
69	100		
41	81.0	66.5	99.7
39	36.6	31.0	46.4

69 100

41 81.0 66.5 99.7

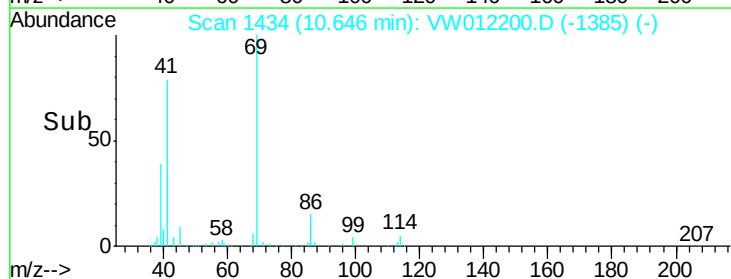
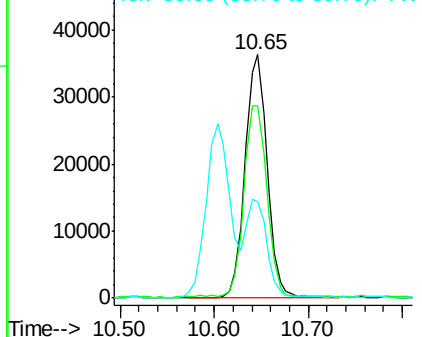
39 36.6 31.0 46.4

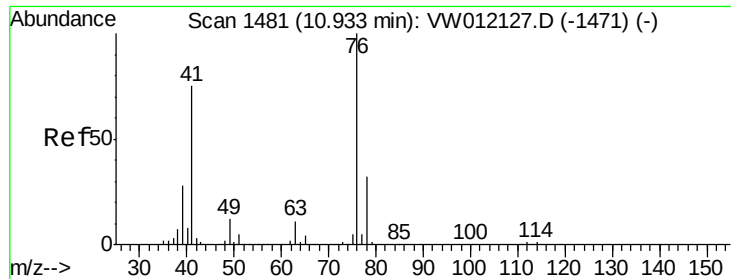


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

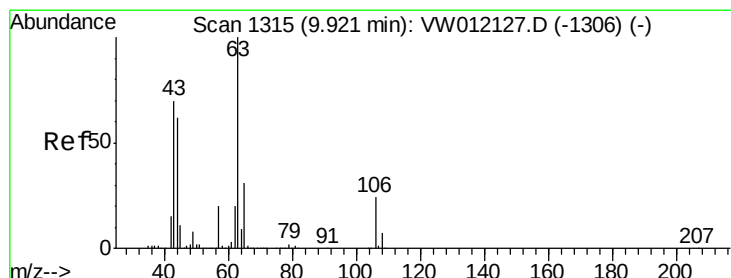
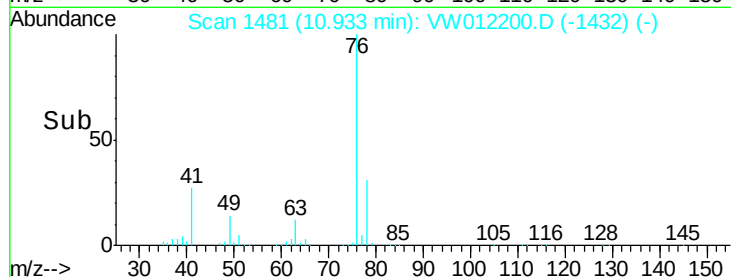
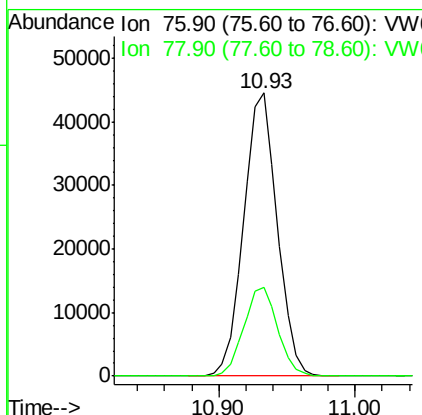
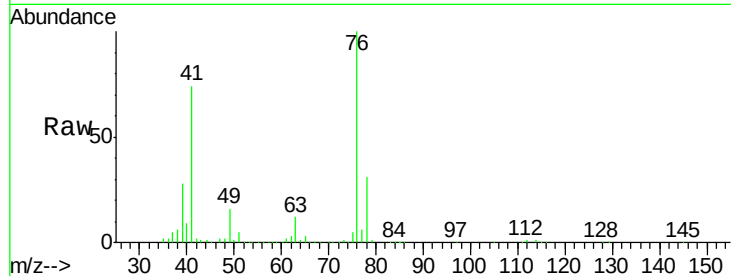




#57
 1,3-Dichloropropane
 Concen: 20.098 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

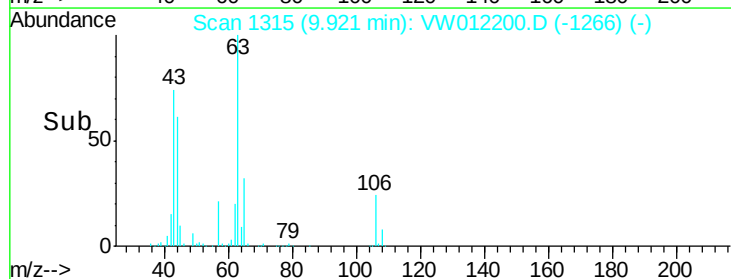
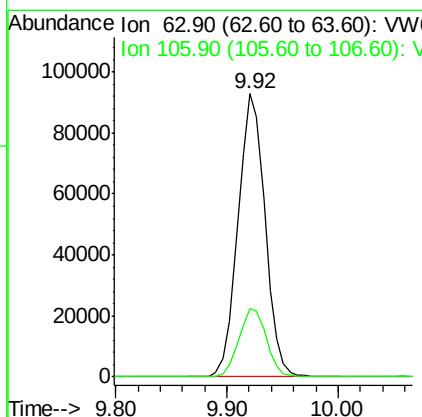
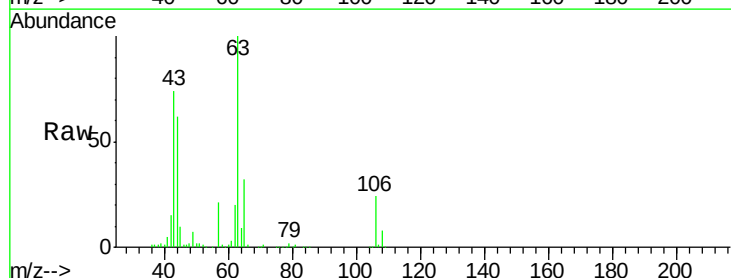
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

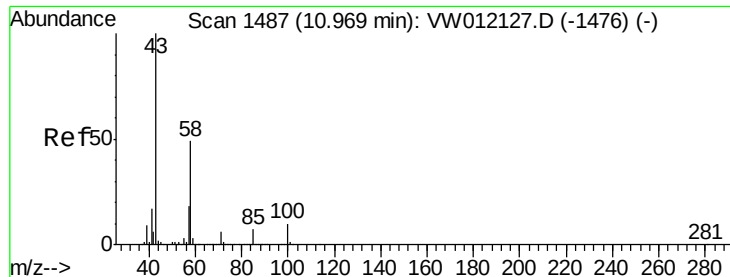
Tot Ion: 76 Resp: 76846
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.295 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion: 63 Resp: 156109
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.8 29.8





#59

2-Hexanone

Concen: 98.964 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

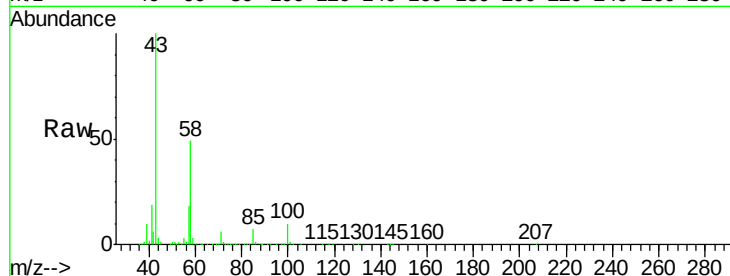
VW0827SBS01

Tot Ion: 43 Resp: 158112

Ion Ratio Lower Upper

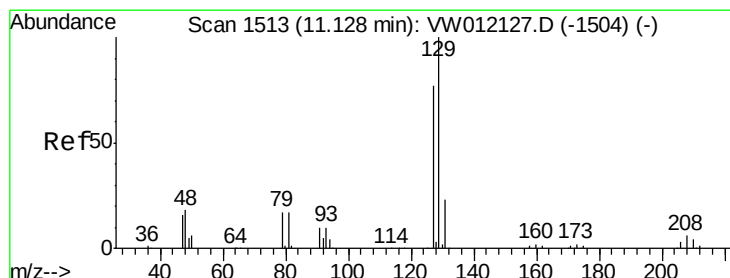
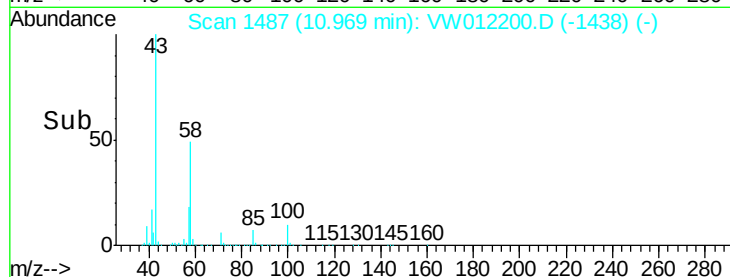
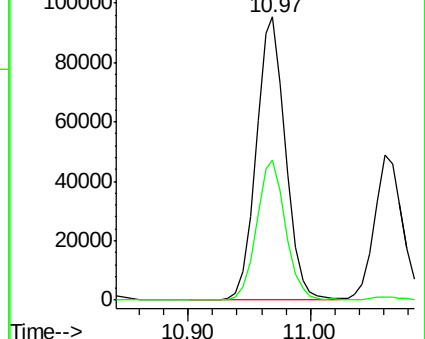
43 100

58 49.0 24.3 72.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 20.040 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012200.D

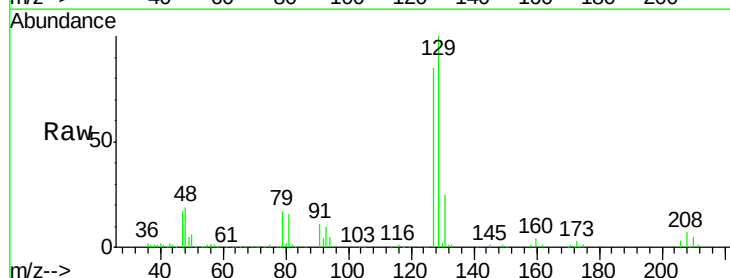
Acq: 27 Aug 2019 09:47

Tgt Ion: 129 Resp: 45162

Ion Ratio Lower Upper

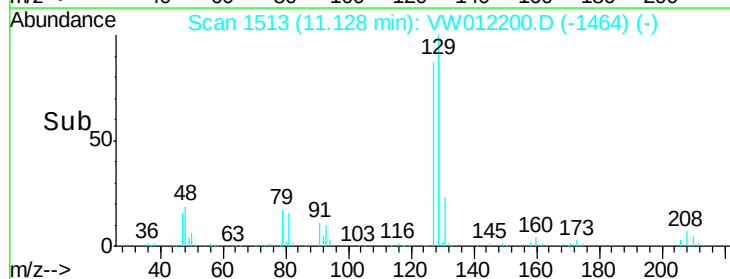
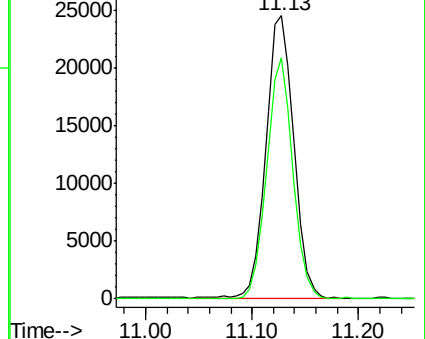
129 100

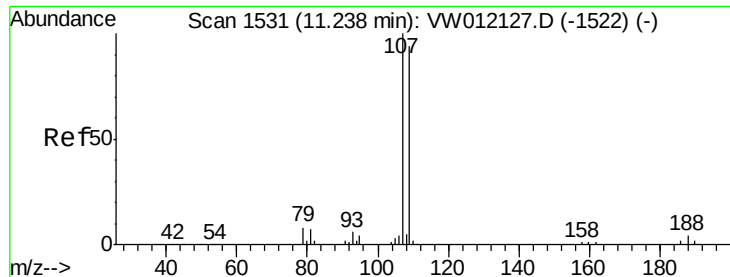
127 79.1 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 20.254 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

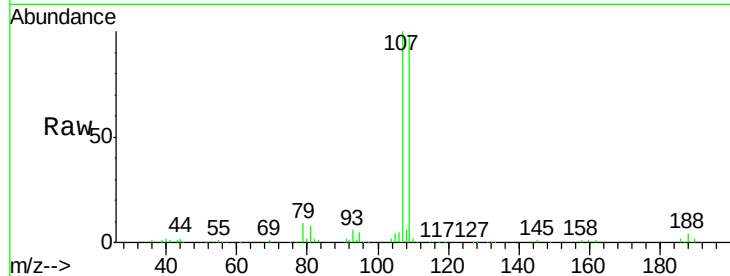
VW0827SBS01

Tot Ion:107 Resp: 38178

Ion Ratio Lower Upper

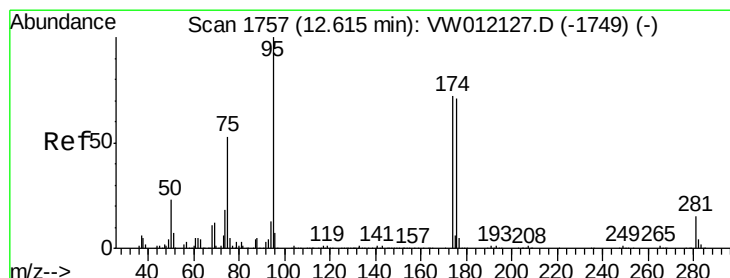
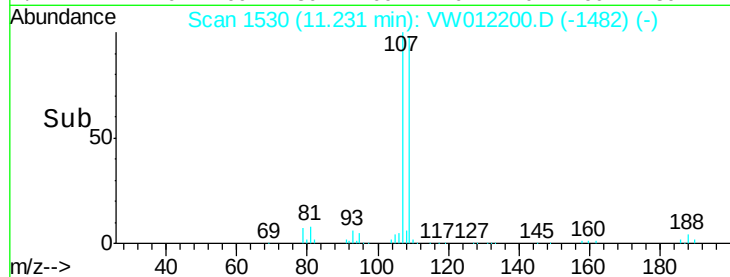
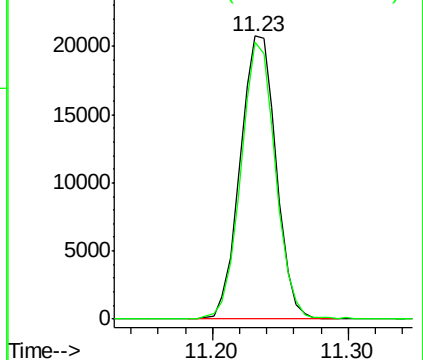
107 100

109 94.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.563 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

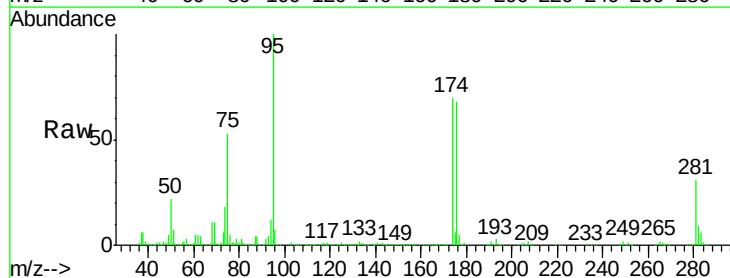
Tgt Ion: 95 Resp: 193401

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.8

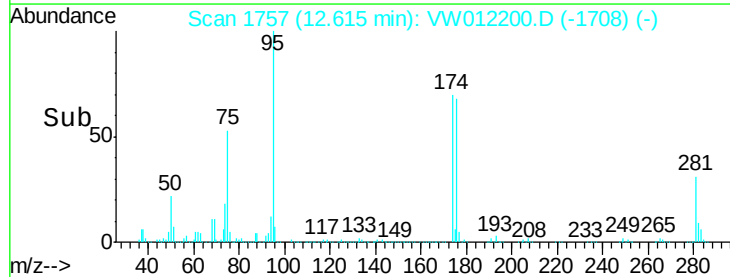
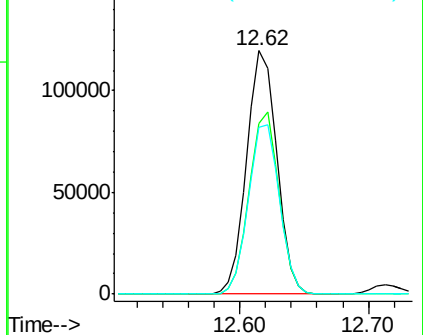
176 71.6 0.0 148.6

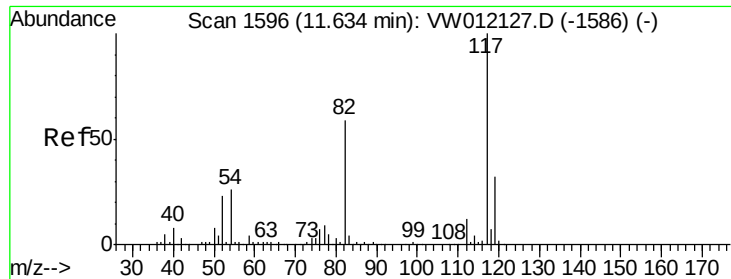


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

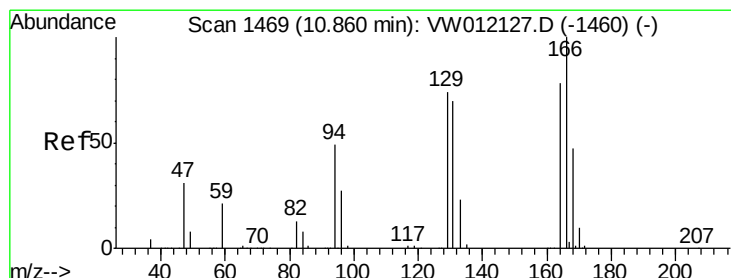
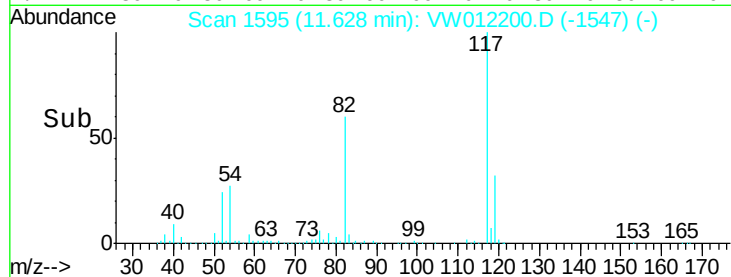
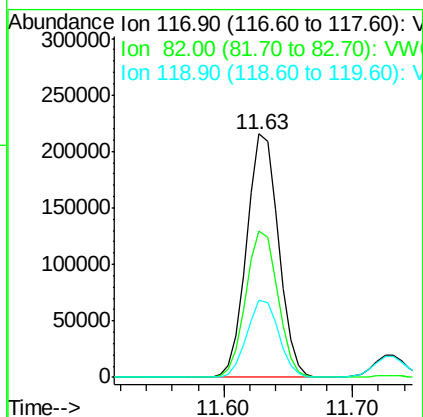
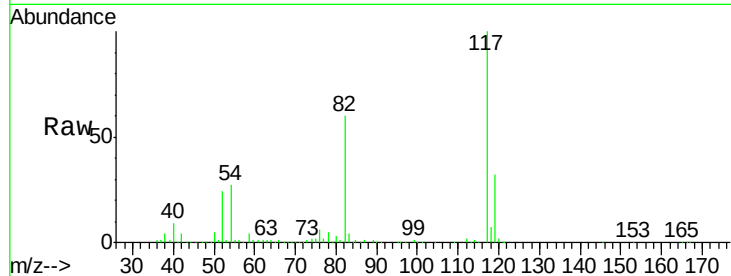




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

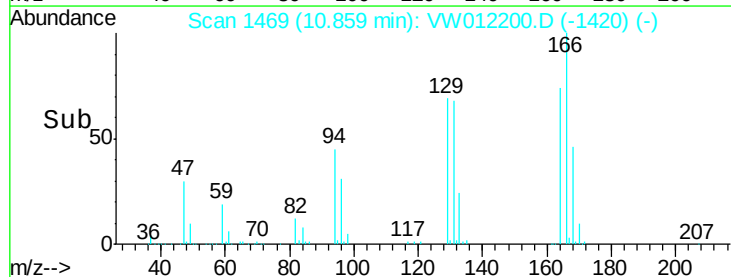
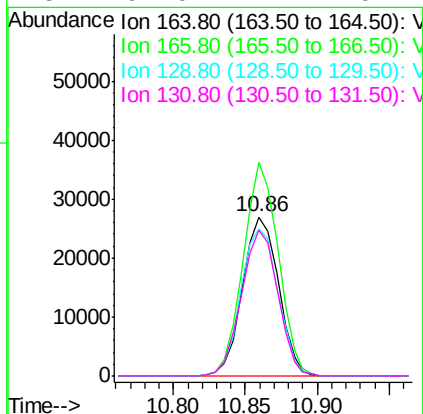
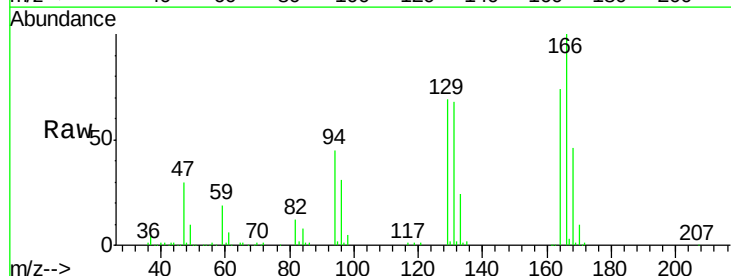
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

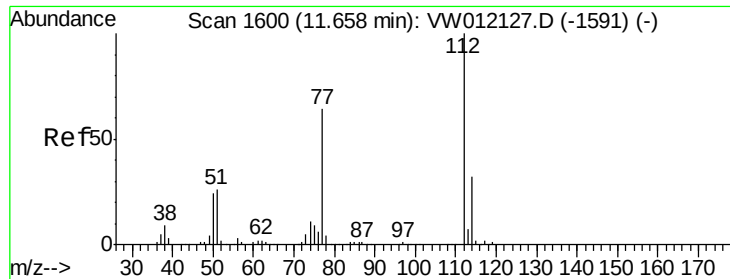
Tot Ion:117 Resp: 366531
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 19.623 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion:164 Resp: 46631
Ion Ratio Lower Upper
164 100
166 134.5 102.4 153.6
129 93.0 75.8 113.6
131 92.0 71.4 107.2

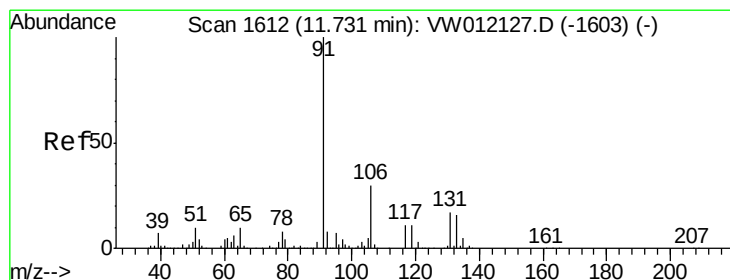
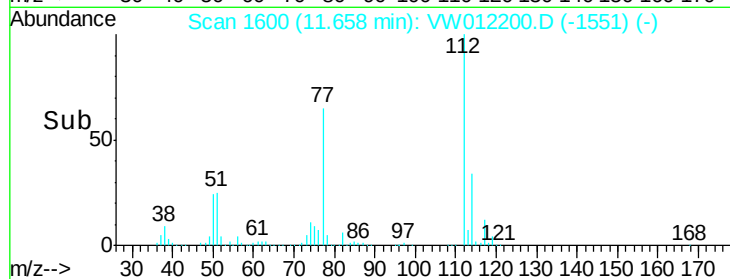
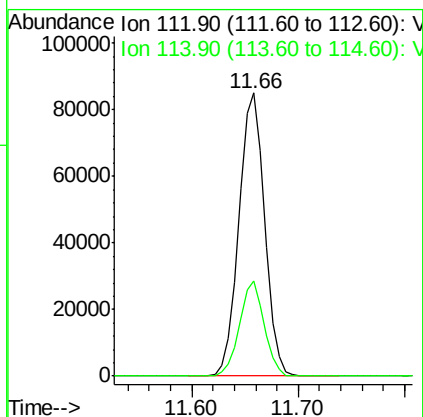
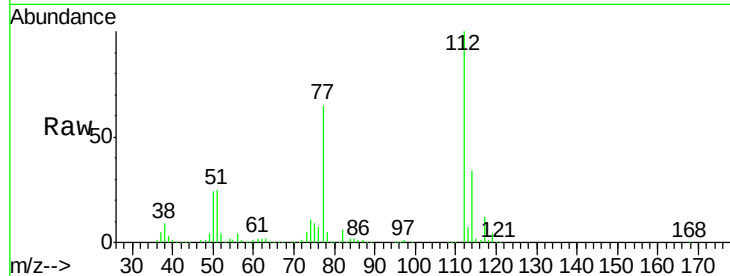




#65
Chlorobenzene
Concen: 20.005 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

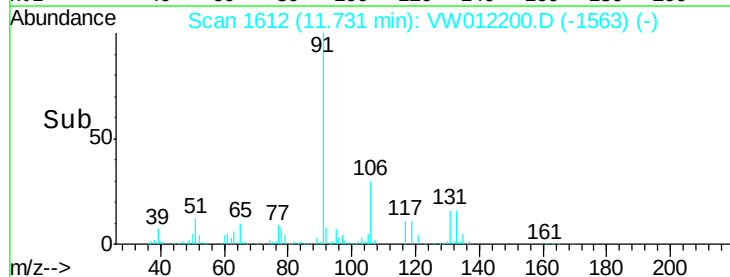
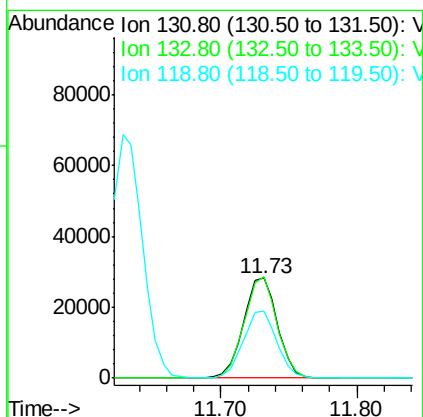
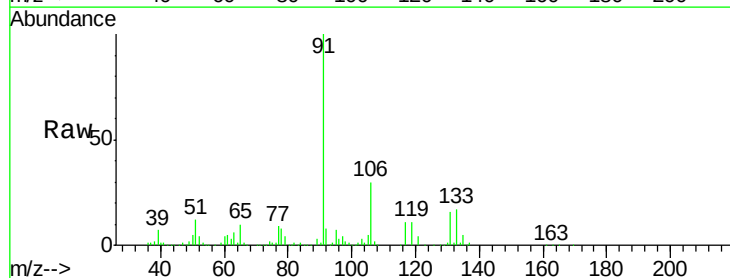
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

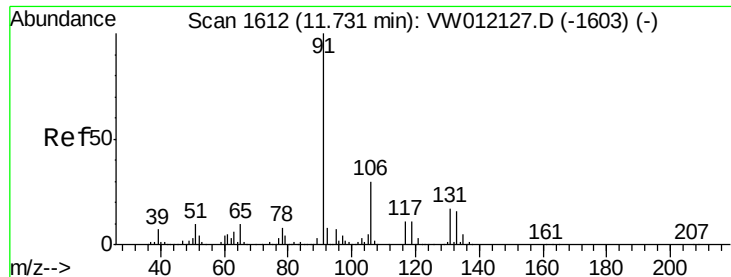
Tot Ion:112 Resp: 144381
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.615 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion:131 Resp: 49387
Ion Ratio Lower Upper
131 100
133 98.1 47.1 141.3
119 66.0 31.8 95.3

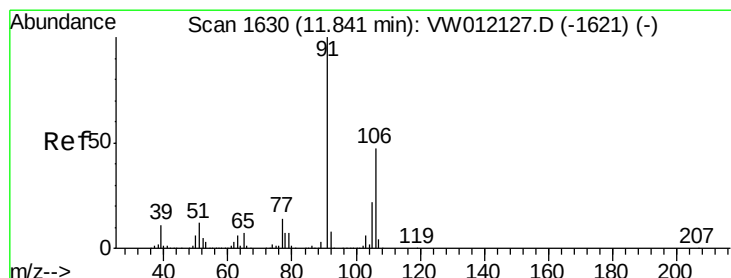
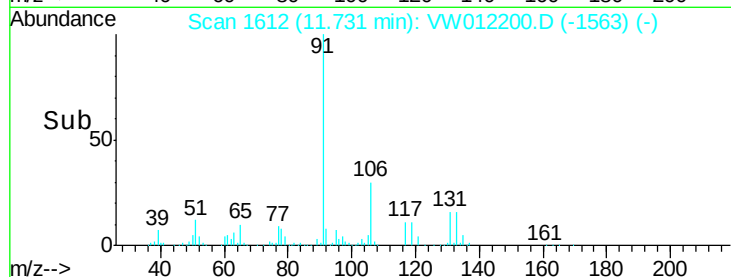
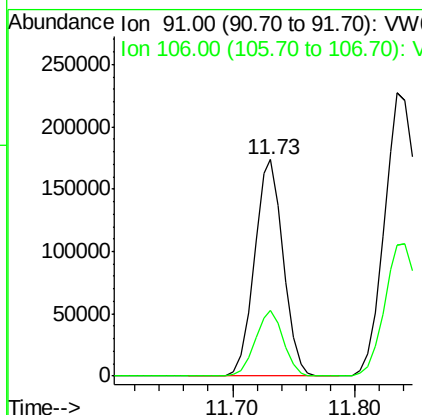
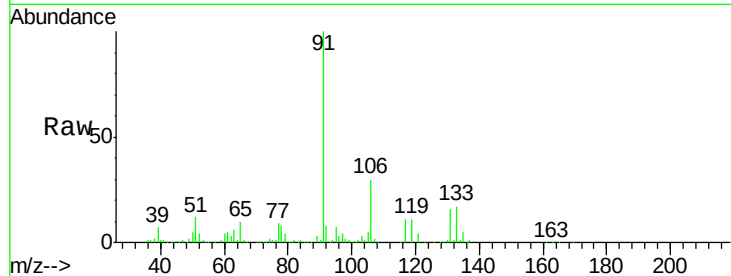




#67
Ethyl Benzene
Concen: 20.375 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

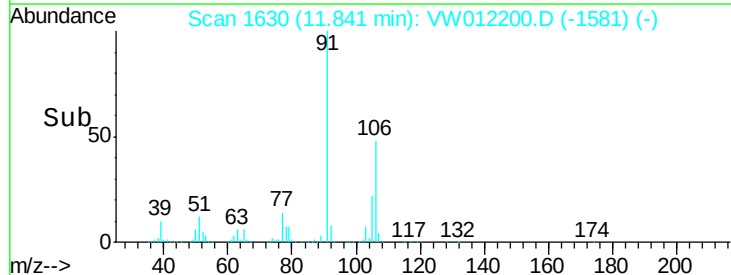
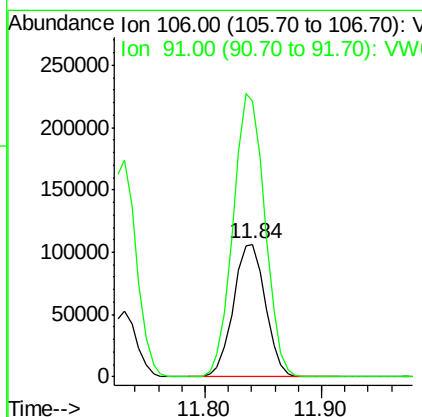
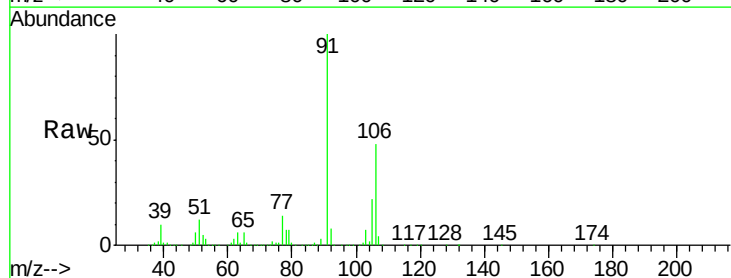
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

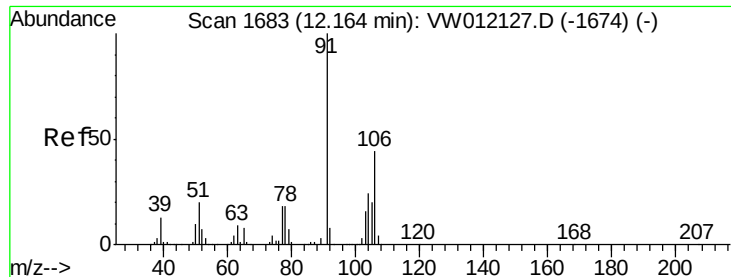
Tot Ion: 91 Resp: 283268
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 40.786 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion: 106 Resp: 204256
Ion Ratio Lower Upper
106 100
91 211.1 169.5 254.3

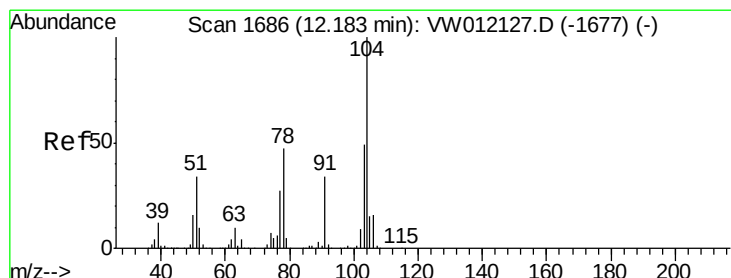
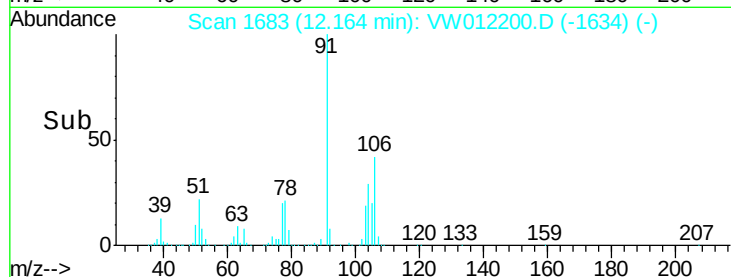
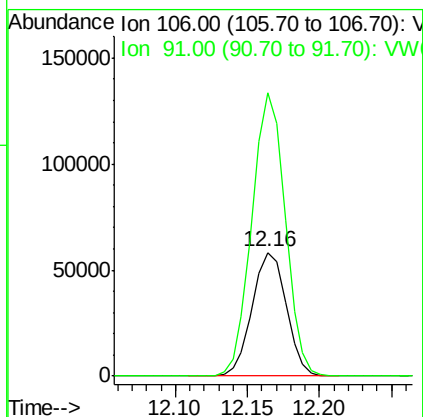
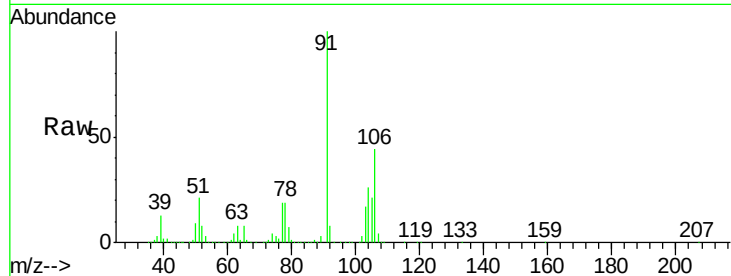




#69
o-Xylene
Concen: 20.584 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

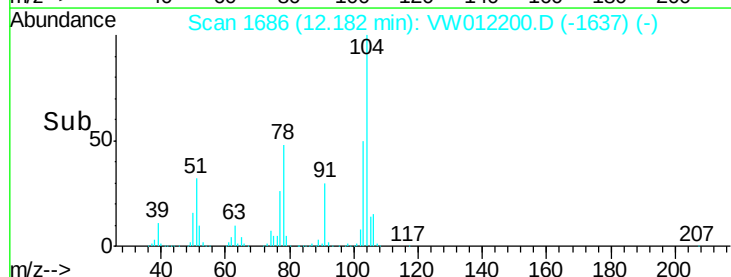
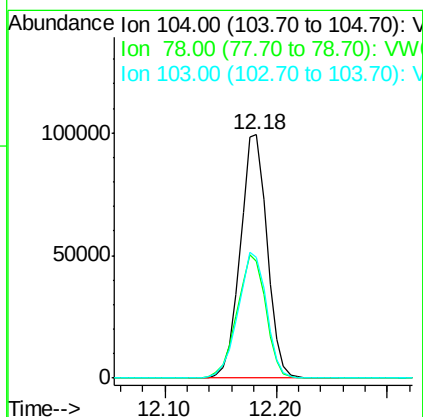
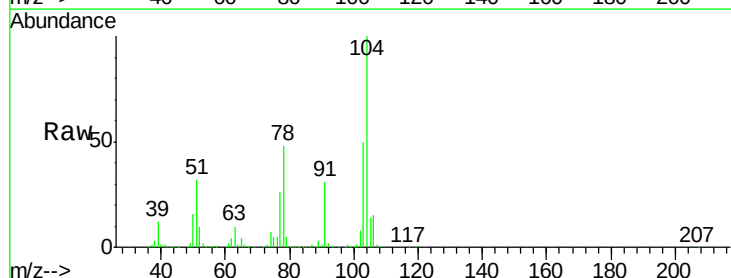
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

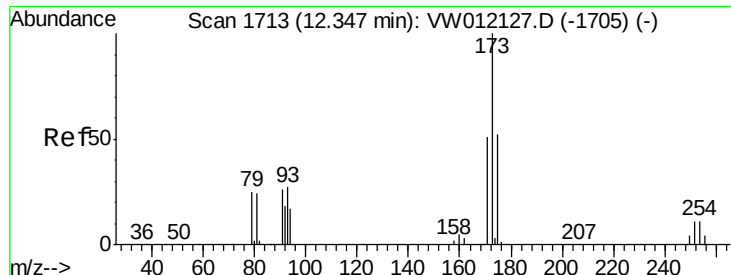
Tot Ion:106 Resp: 95407
Ion Ratio Lower Upper
106 100
91 224.3 111.6 334.6



#70
Styrene
Concen: 20.606 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion:104 Resp: 165318
Ion Ratio Lower Upper
104 100
78 54.2 43.1 64.7
103 54.7 43.5 65.3





#71

Bromoform

Concen: 19.844 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

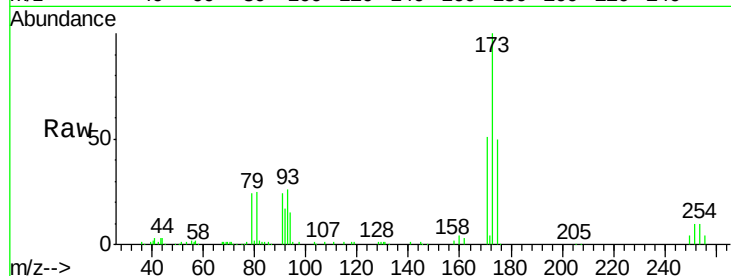
Tot Ion:173 Resp: 24893

Ion Ratio Lower Upper

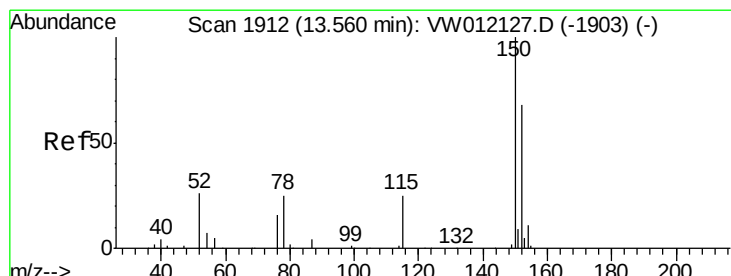
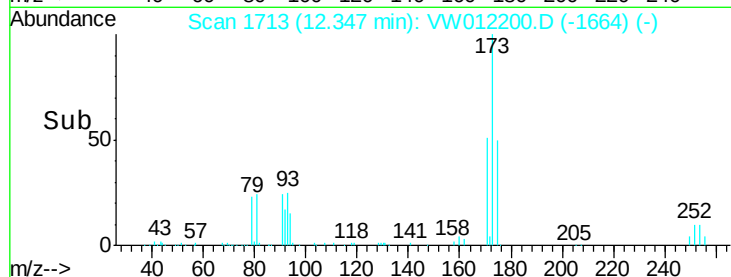
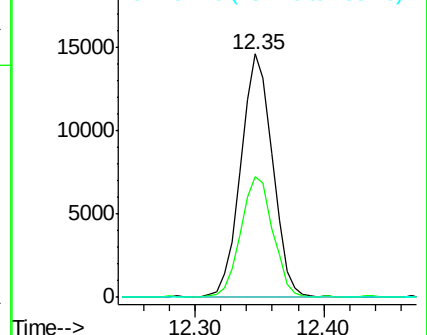
173 100

175 50.1 24.6 74.0

254 0.0 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: VW012200.D

Acq: 27 Aug 2019 09:47

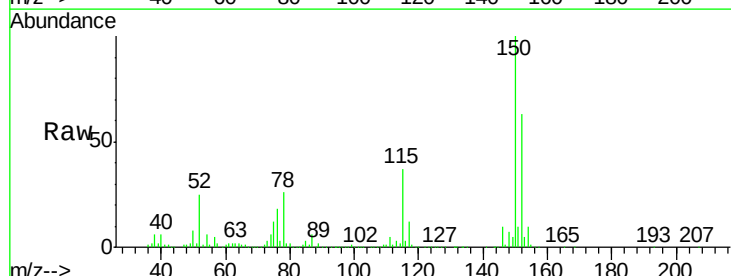
Tgt Ion:152 Resp: 175099

Ion Ratio Lower Upper

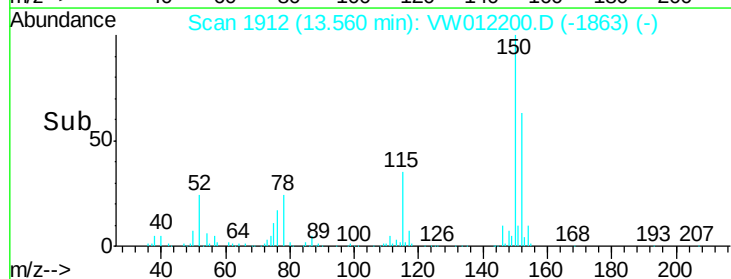
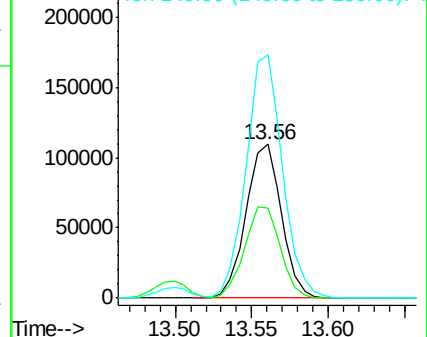
152 100

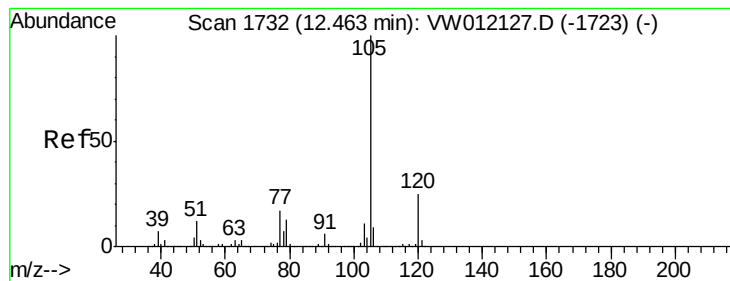
115 60.2 30.1 90.3

150 163.7 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: 20.915 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

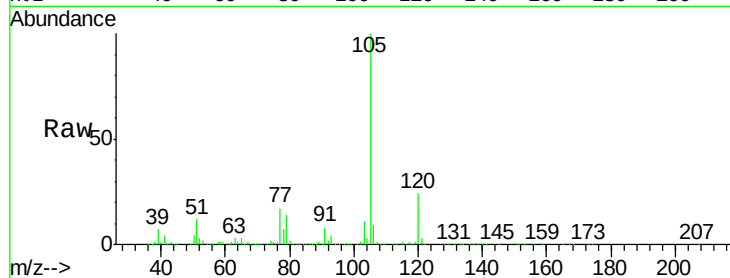
VW0827SBS01

Tot Ion:105 Resp: 274412

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

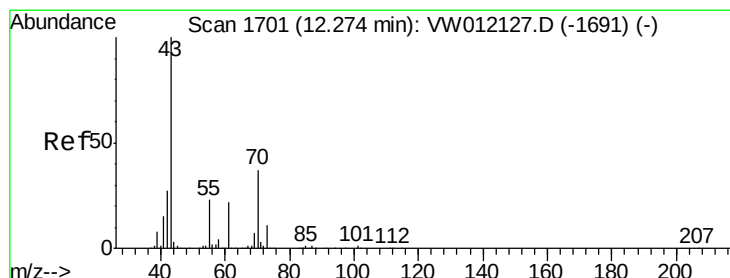
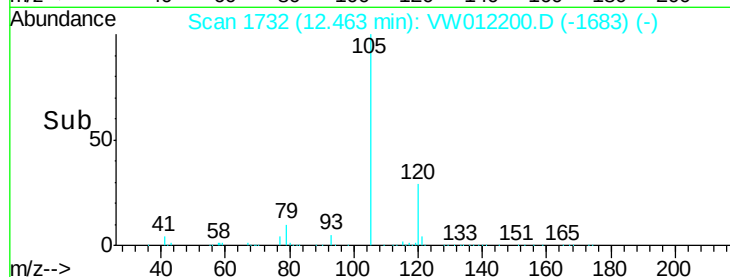
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 20.346 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Tgt Ion: 43 Resp: 80652

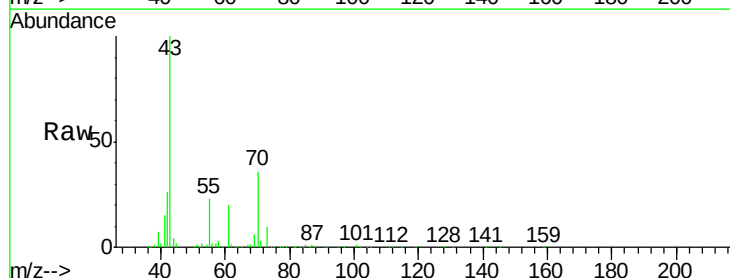
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 22.1 17.8 26.6

61 21.4 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

40000

20000

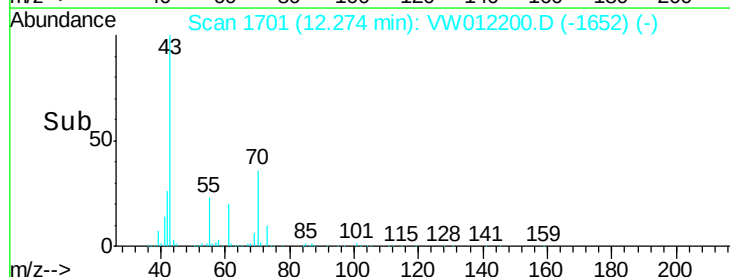
0

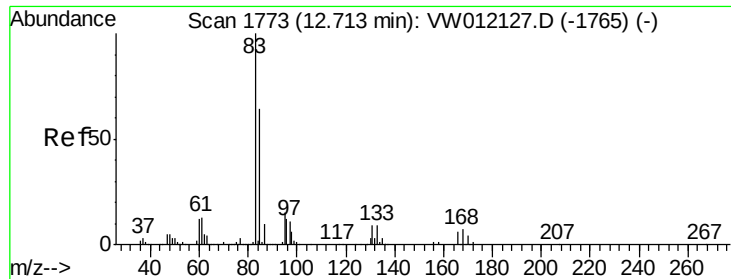
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.098 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

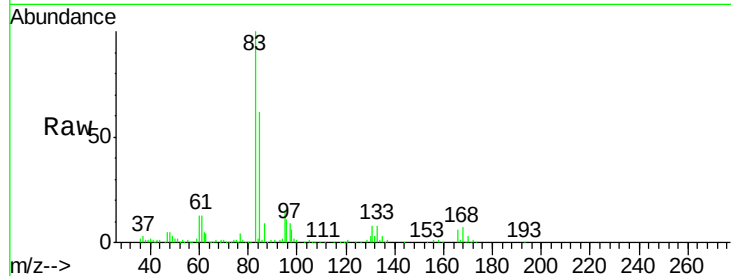
Tot Ion: 83 Resp: 48344

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

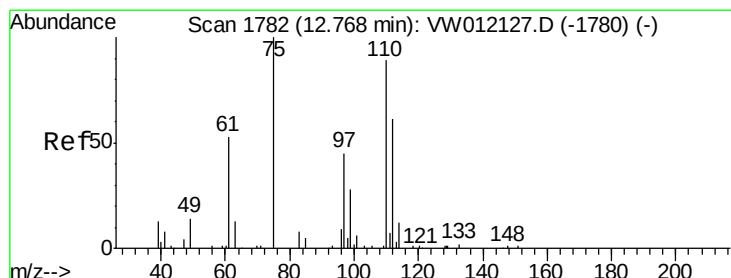
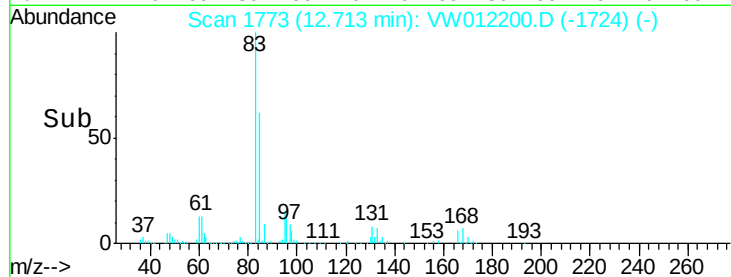
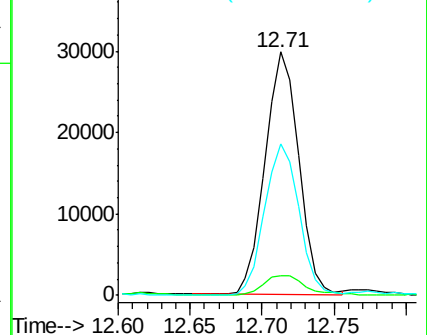
85 63.9 31.9 95.7



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: 19.008 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012200.D

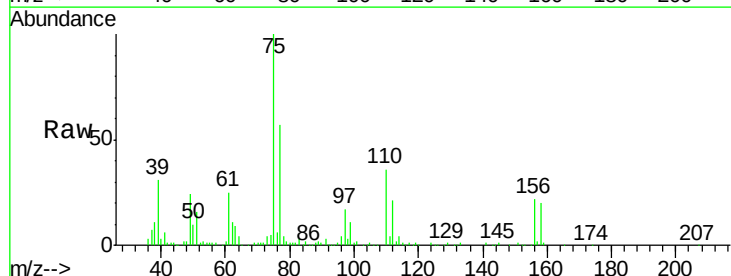
Acq: 27 Aug 2019 09:47

Tgt Ion: 75 Resp: 32415

Ion Ratio Lower Upper

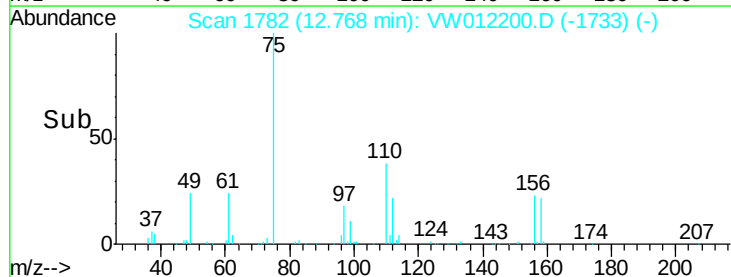
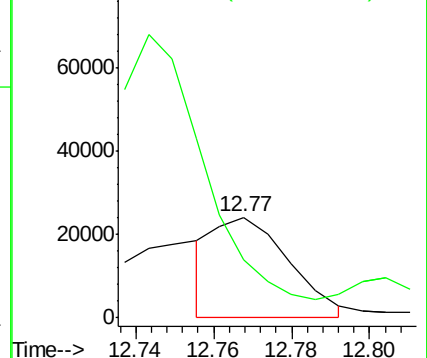
75 100

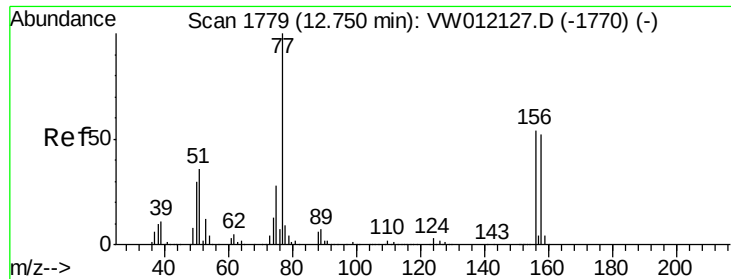
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.409 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

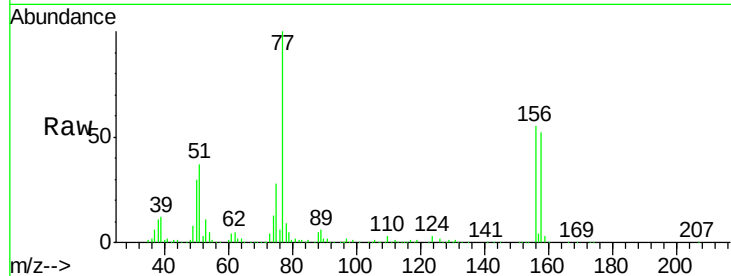
Tot Ion:156 Resp: 57930

Ion Ratio Lower Upper

156 100

77 211.8 107.3 321.8

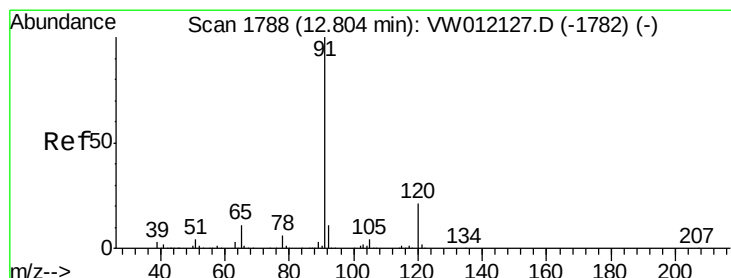
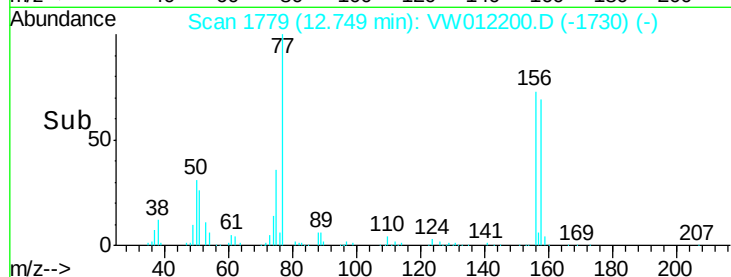
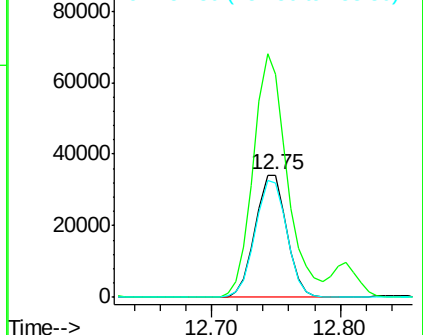
158 95.5 49.0 147.0



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: 20.831 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012200.D

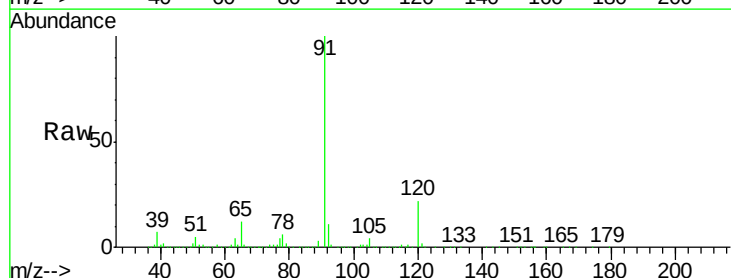
Acq: 27 Aug 2019 09:47

Tgt Ion: 91 Resp: 333662

Ion Ratio Lower Upper

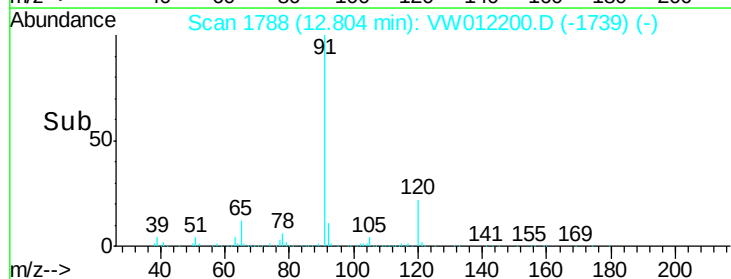
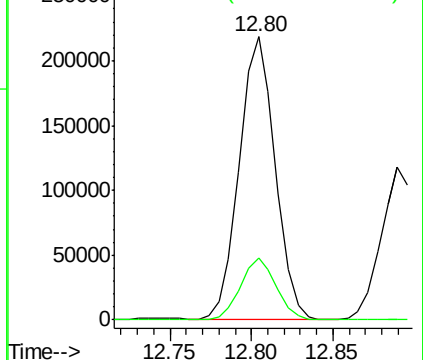
91 100

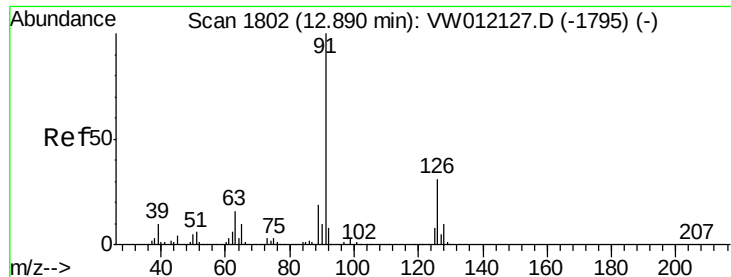
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.365 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

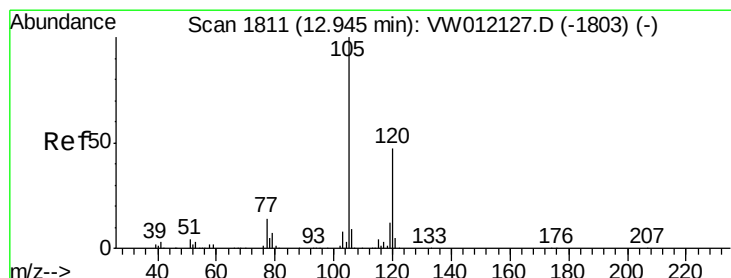
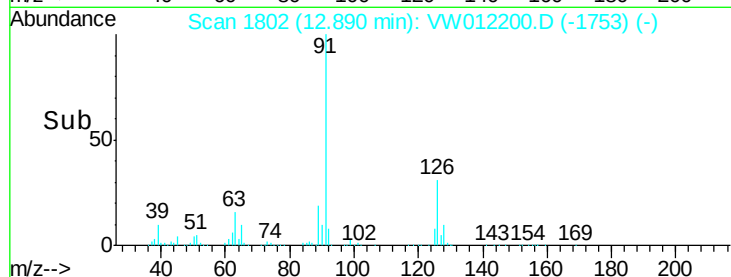
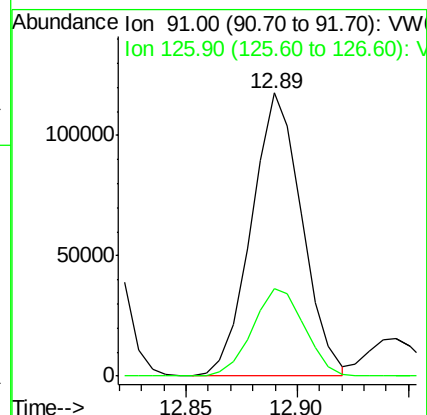
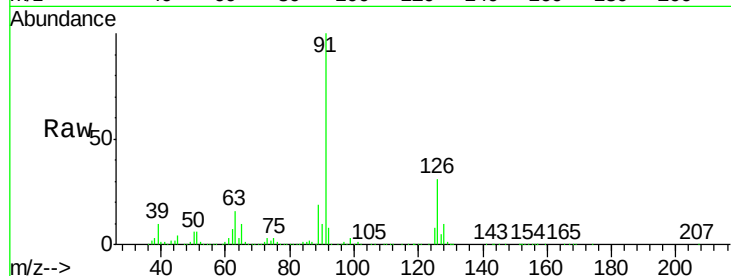
VW0827SBS01

Tot Ion: 91 Resp: 185198

Ion Ratio Lower Upper

91 100

126 31.9 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 20.611 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012200.D

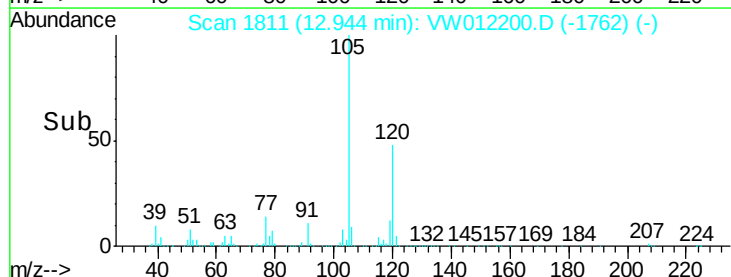
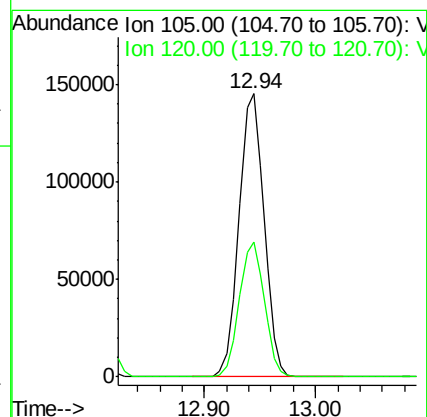
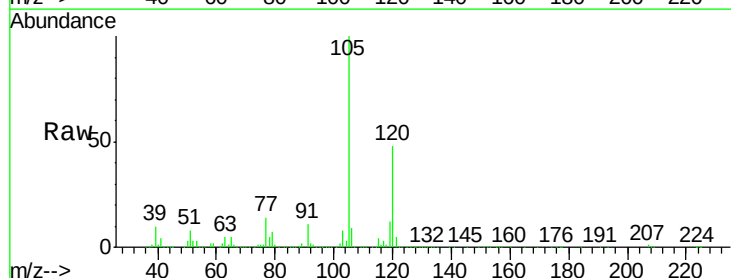
Acq: 27 Aug 2019 09:47

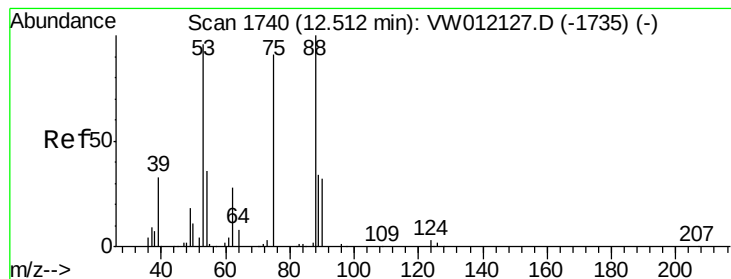
Tgt Ion:105 Resp: 225965

Ion Ratio Lower Upper

105 100

120 47.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.972 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

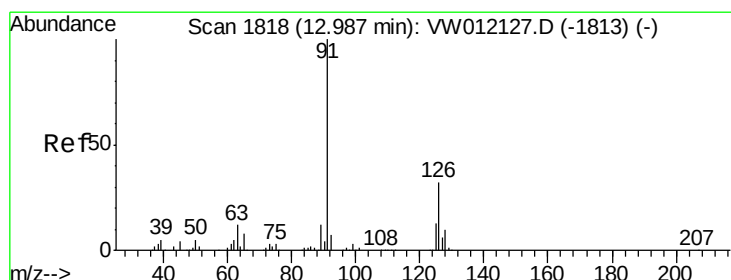
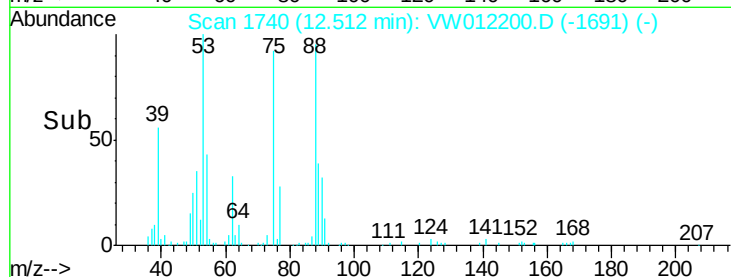
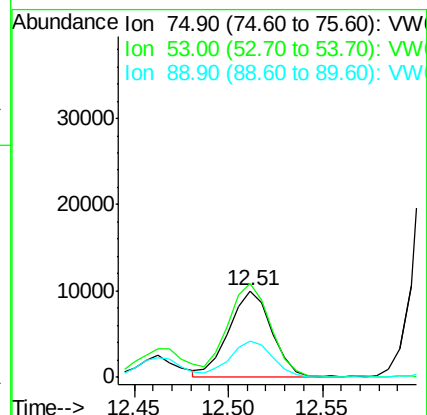
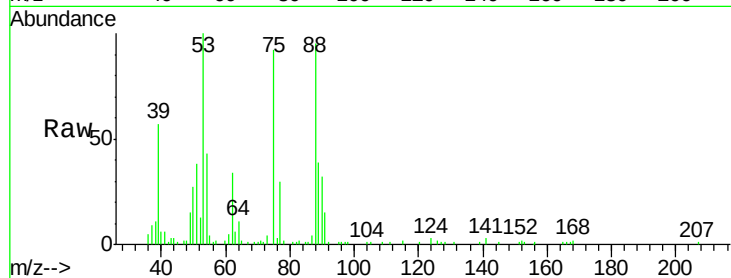
Tot Ion: 75 Resp: 15534

Ion Ratio Lower Upper

75 100

53 108.0 89.4 134.0

89 42.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 20.588 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012200.D

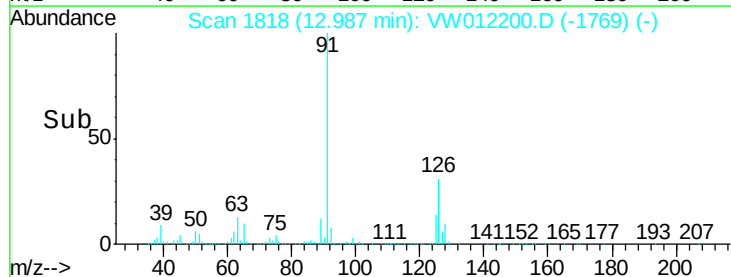
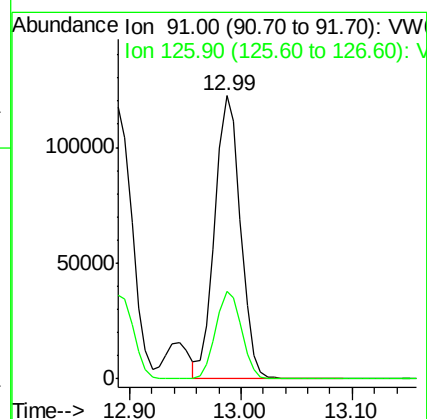
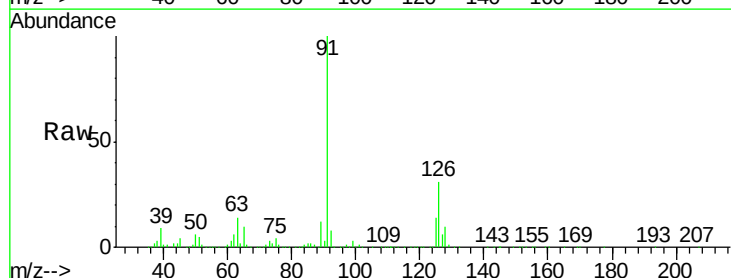
Acq: 27 Aug 2019 09:47

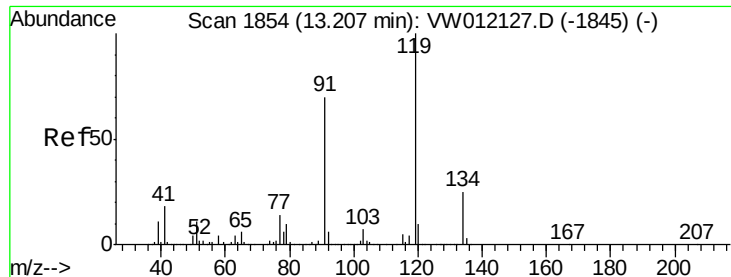
Tgt Ion: 91 Resp: 196038

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8

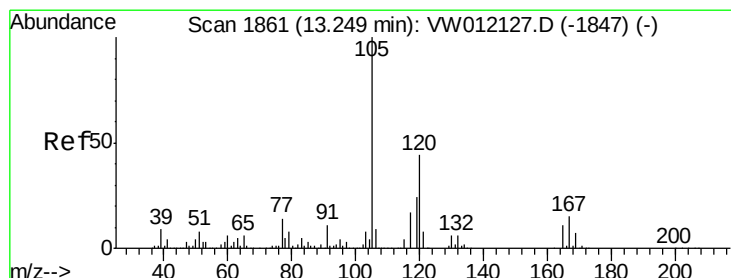
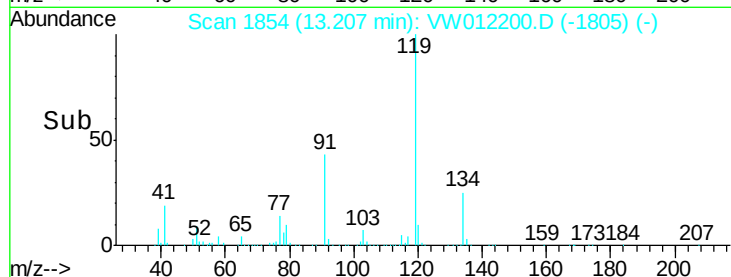
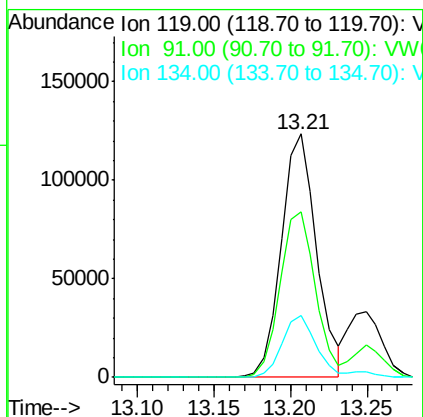
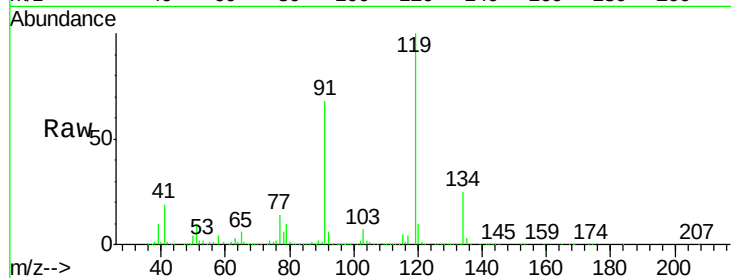




#83
 tert-Butylbenzene
 Concen: 21.166 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

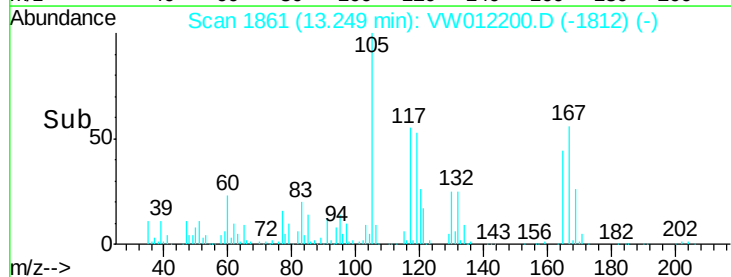
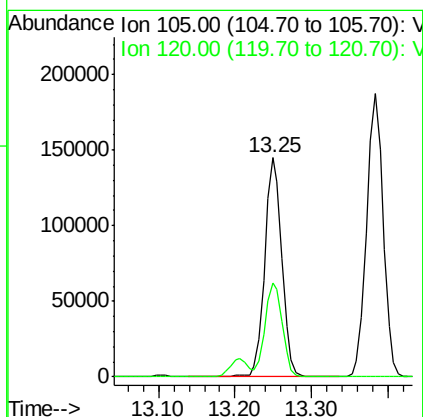
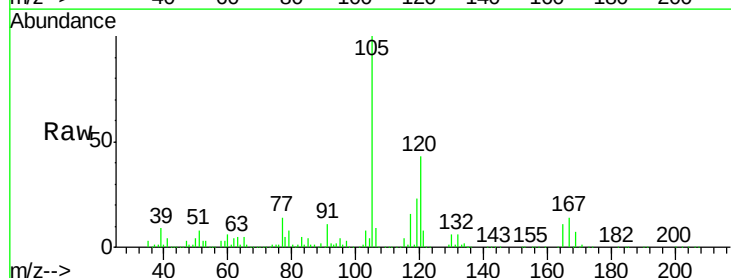
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

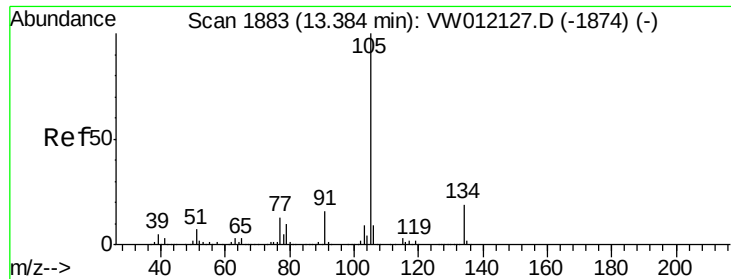
Tot Ion:119 Resp: 196563
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.8 104.3
 134 24.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.598 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion:105 Resp: 226843
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.7

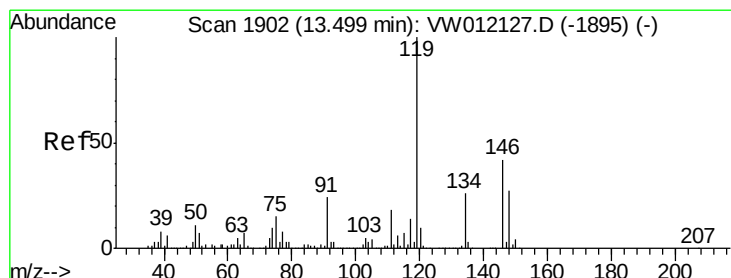
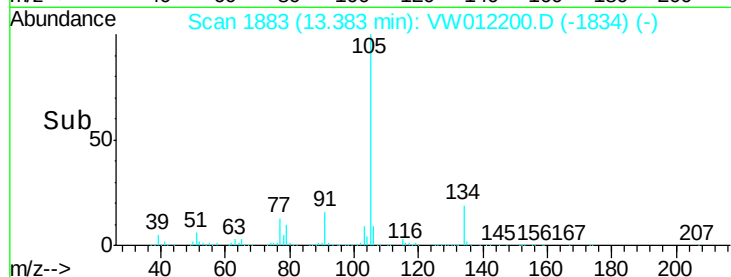
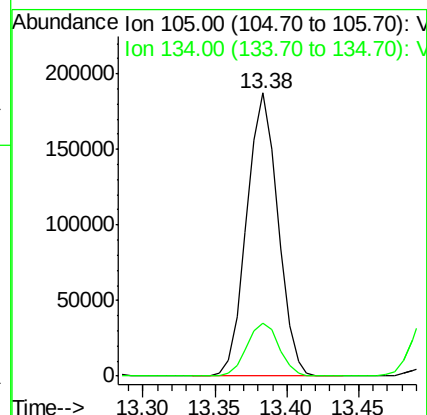
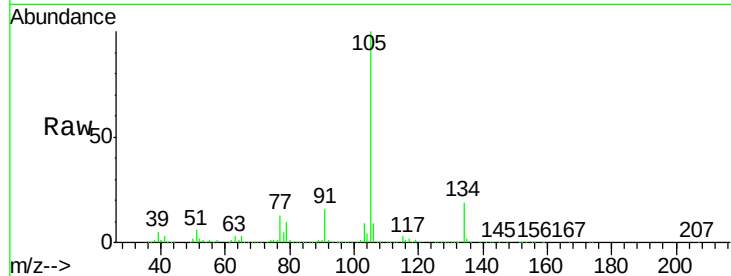




#85
 sec-Butylbenzene
 Concen: 21.146 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

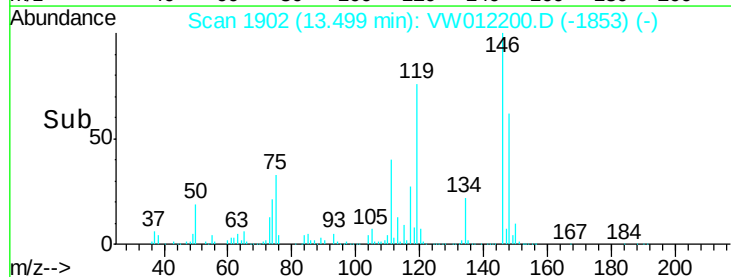
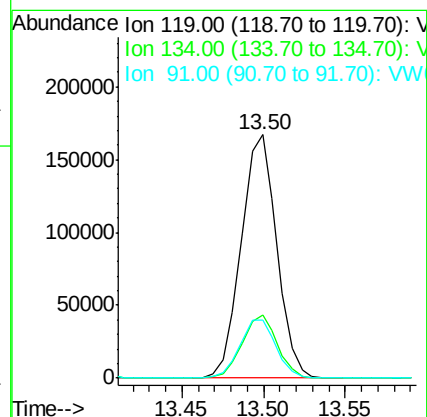
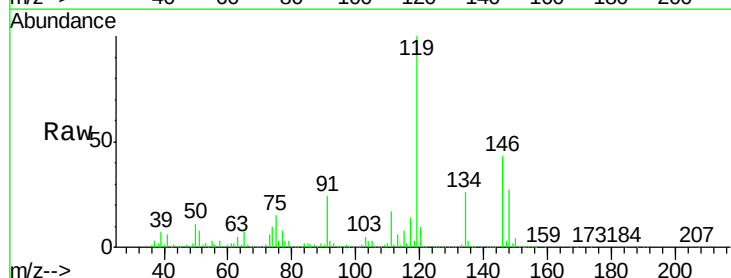
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

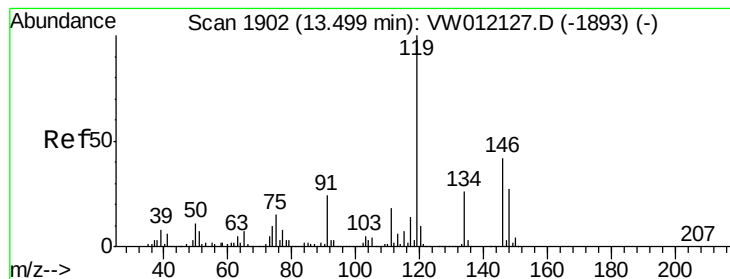
Tot Ion:105 Resp: 281353
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.258 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion:119 Resp: 252597
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.822 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

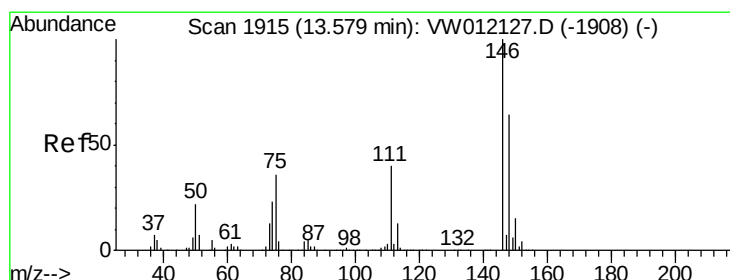
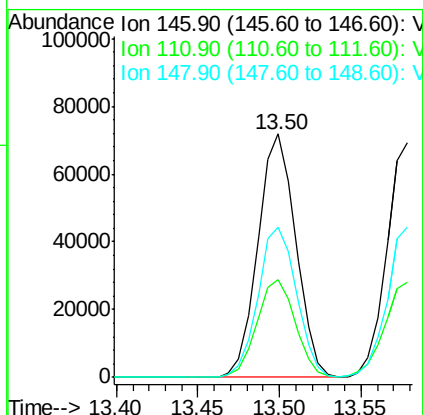
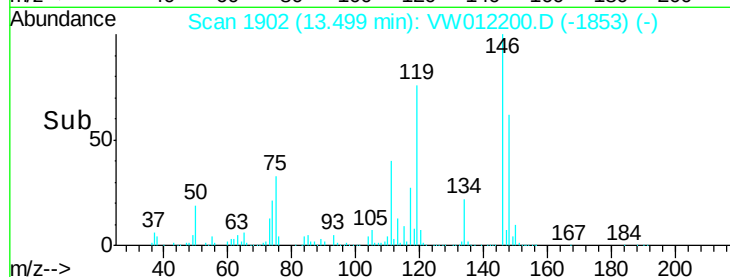
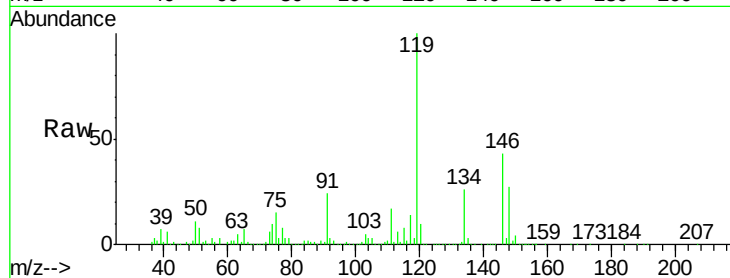
Tot Ion:146 Resp: 115600

Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.7

148 62.7 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 20.486 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

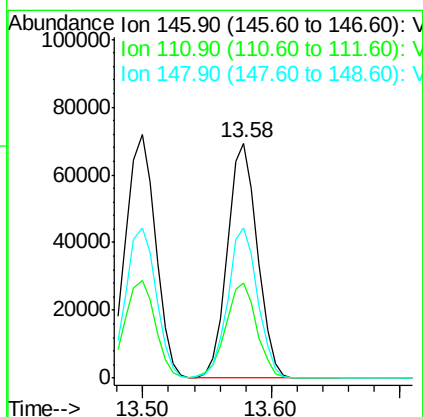
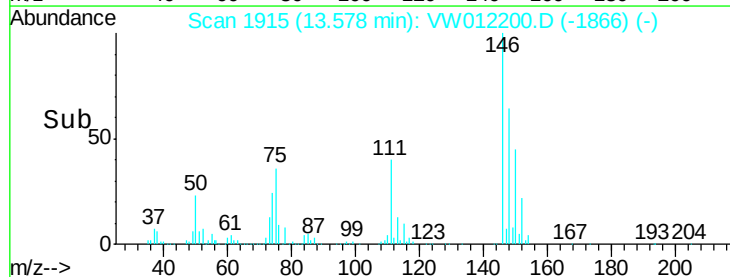
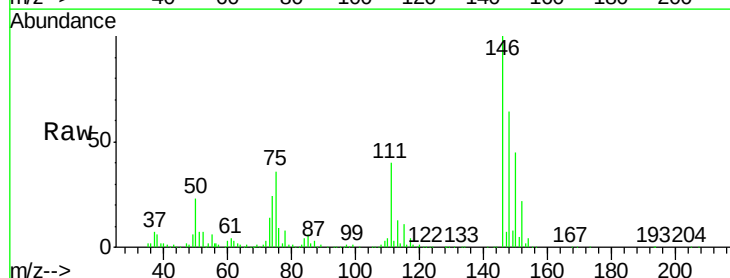
Tgt Ion:146 Resp: 112932

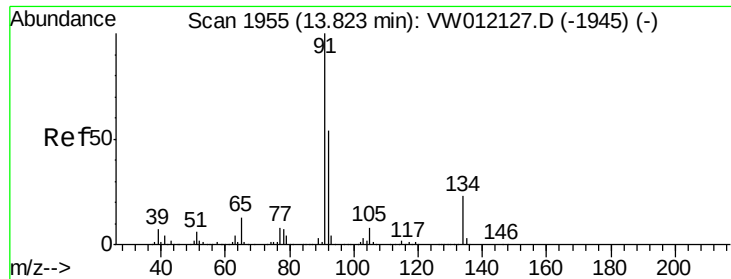
Ion Ratio Lower Upper

146 100

111 42.0 20.0 60.0

148 63.8 32.1 96.3





#89

n-Butylbenzene

Concen: 21.470 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012200.D

Acq: 27 Aug 2019 09:47

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBS01

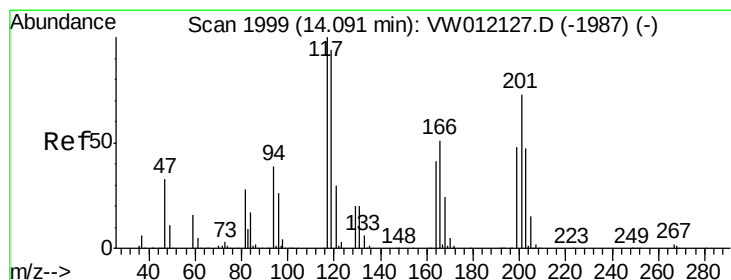
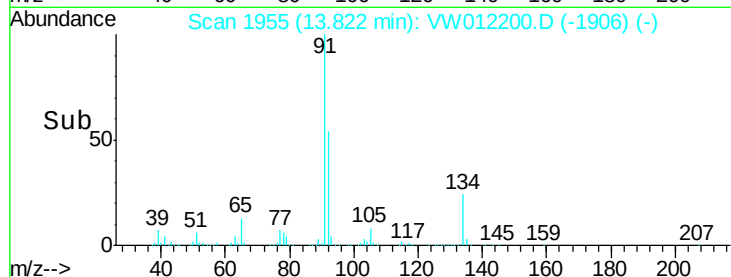
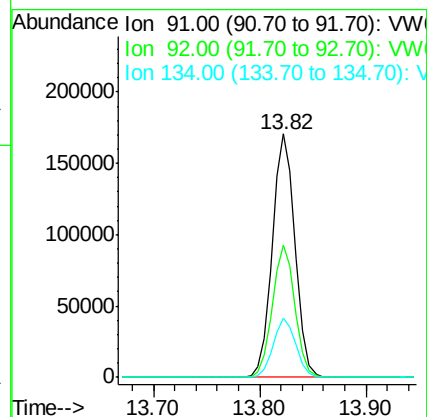
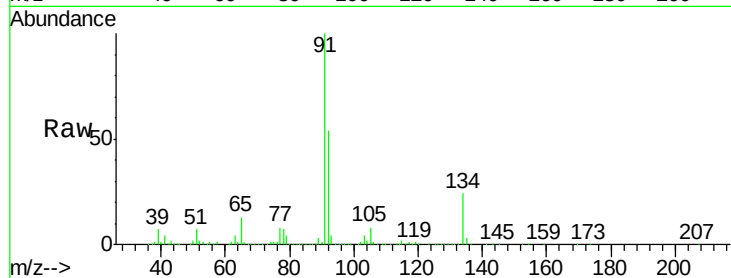
Tot Ion: 91 Resp: 253692

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

134 24.4 12.2 36.4



#90

Hexachloroethane

Concen: 20.658 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012200.D

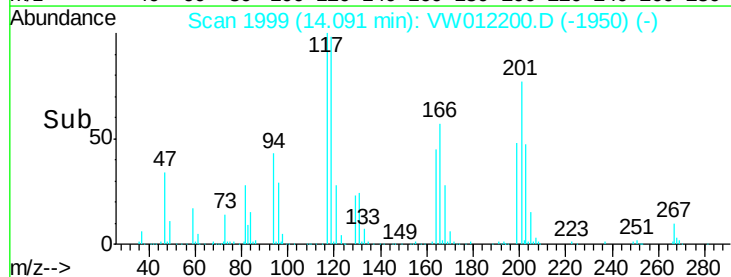
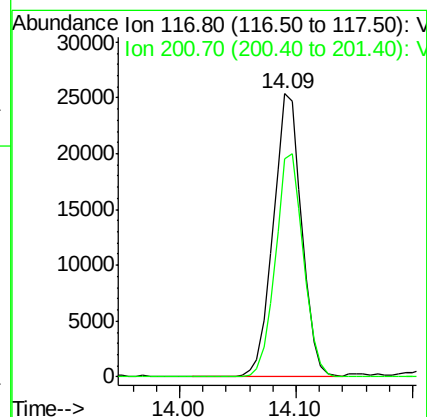
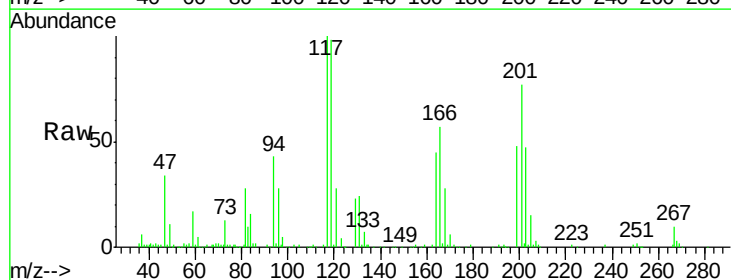
Acq: 27 Aug 2019 09:47

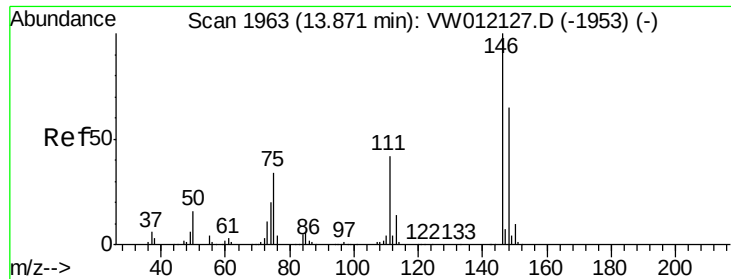
Tgt Ion: 117 Resp: 43066

Ion Ratio Lower Upper

117 100

201 77.2 38.6 115.7

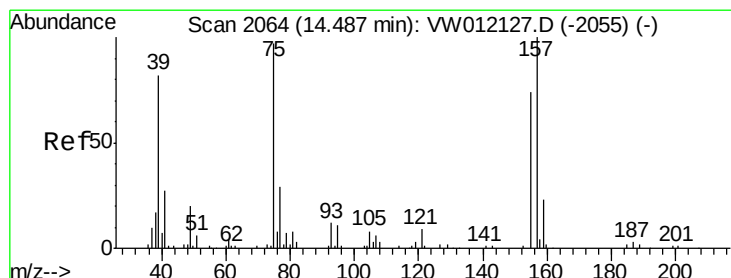
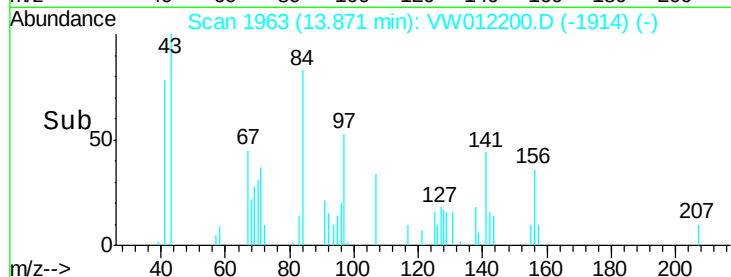
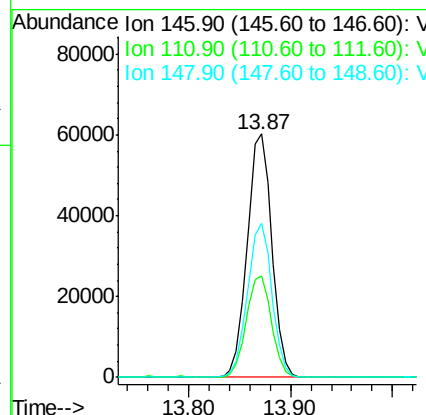
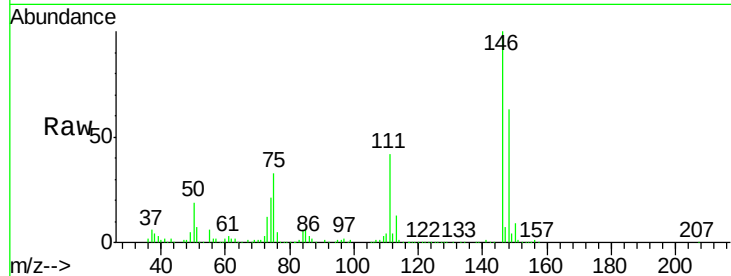




#91
 1,2-Dichlorobenzene
 Concen: 20.721 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

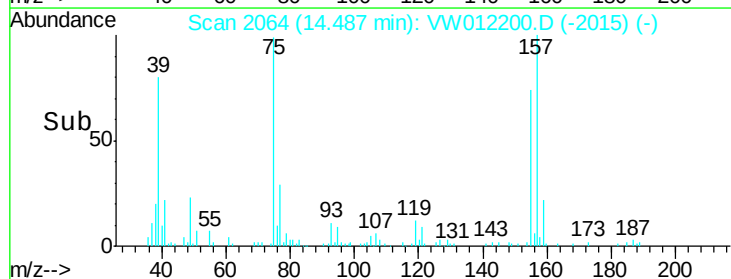
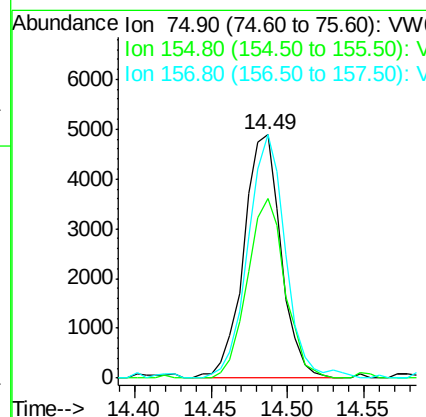
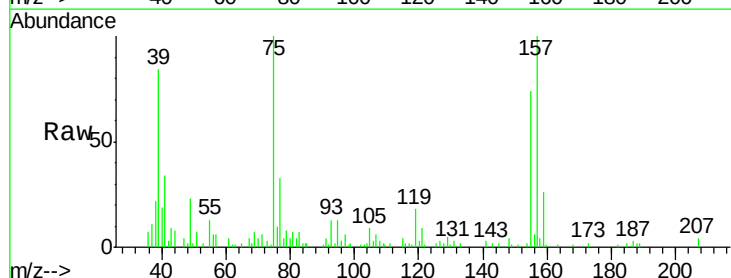
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

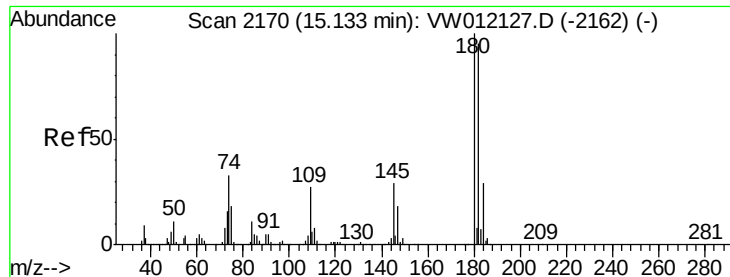
Tot Ion:146 Resp: 100919
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.2 63.6
 148 62.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.377 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion: 75 Resp: 8263
 Ion Ratio Lower Upper
 75 100
 155 74.4 37.5 112.3
 157 100.8 50.5 151.5

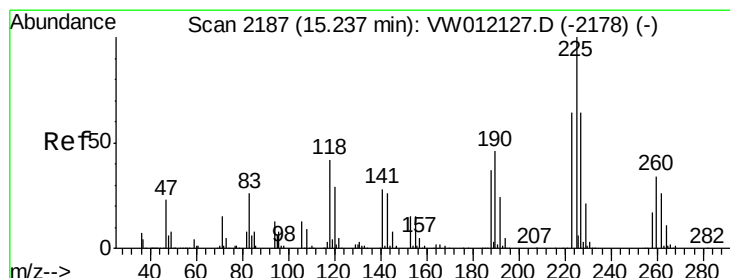
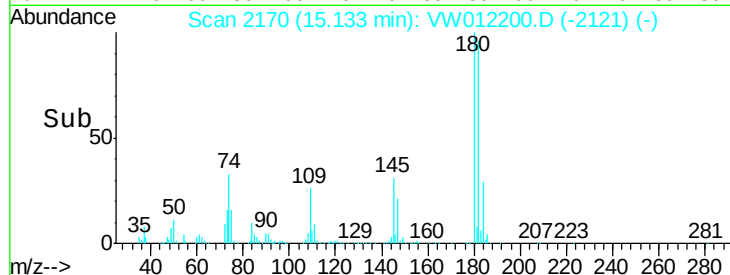
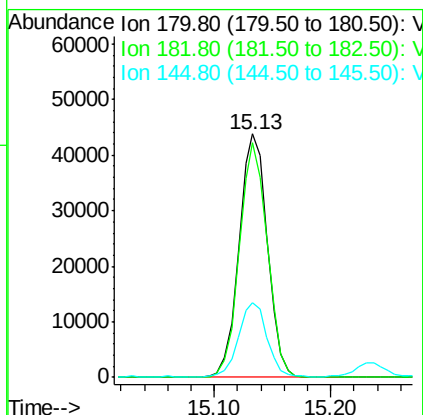
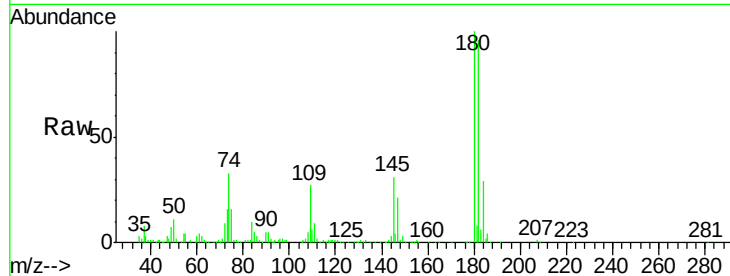




#93
 1,2,4-Trichlorobenzene
 Concen: 22.061 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

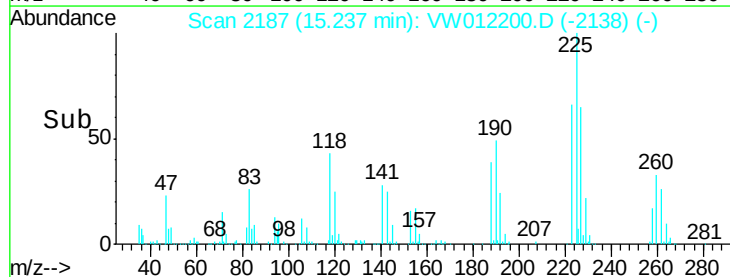
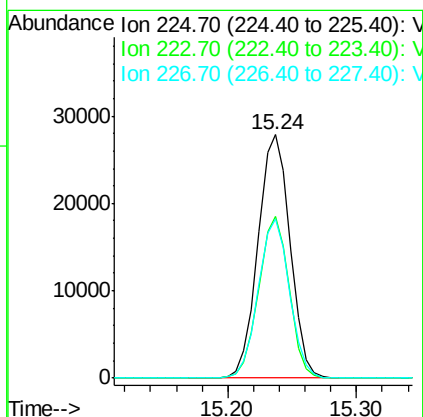
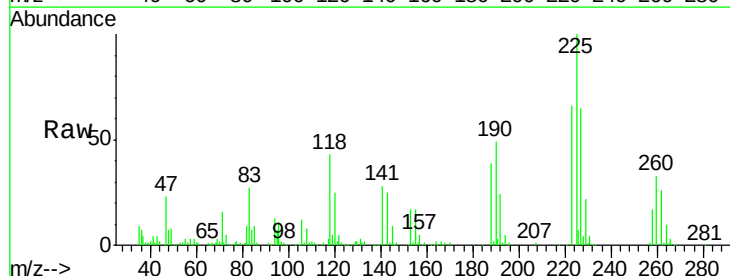
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

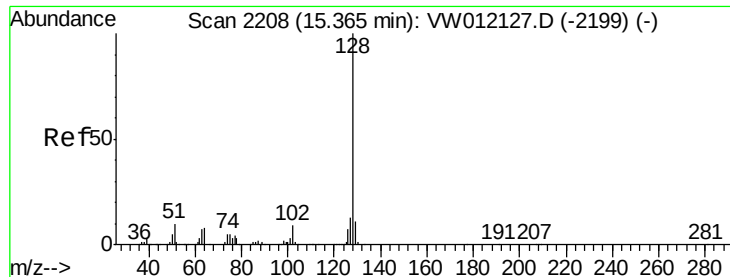
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	31.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 21.476 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.3	96.8
227	63.6	32.9	98.6

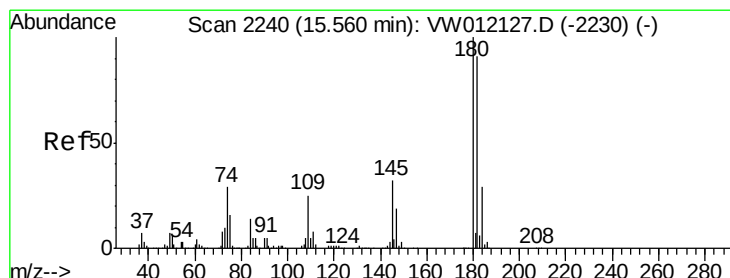
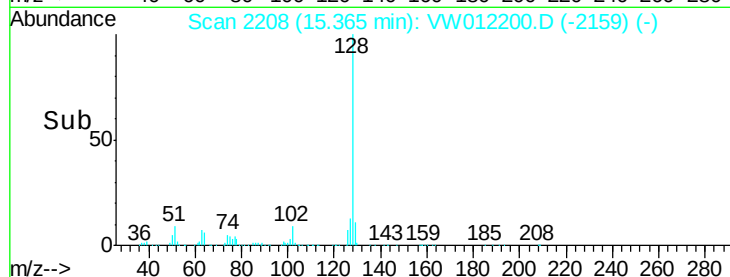
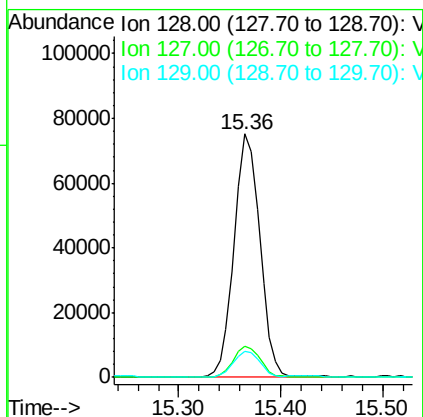
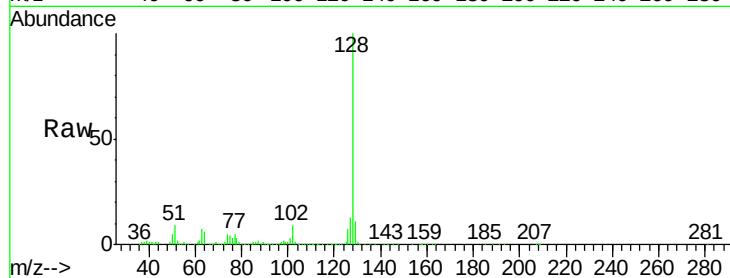




#95
Naphthalene
Concen: 22.538 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

Tot Ion:128 Resp: 131699
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.394 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Tgt Ion:180 Resp: 62826
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.3
145 34.4 16.2 48.5

