

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 04:51:58 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

33) 1,2-Dichloroethane-d4	8.30	65	159683	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.88	113	130806	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.32	98	542612	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	193401	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

						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

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 Quant Title : SW846 8260
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 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	63917	37.481	ug/l #	100
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

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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 :

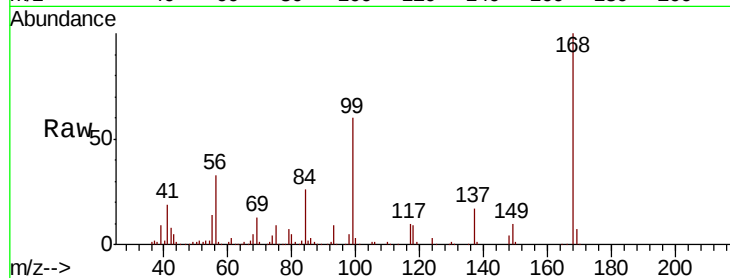
VW0827SBS01

Tgt 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

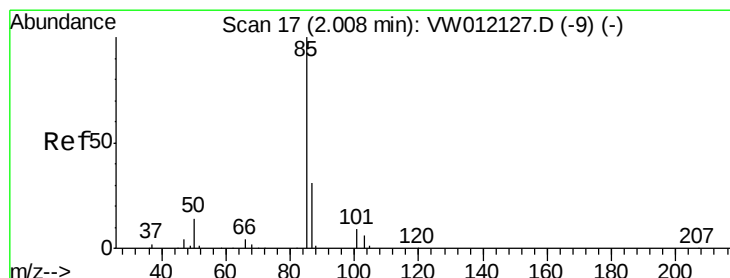
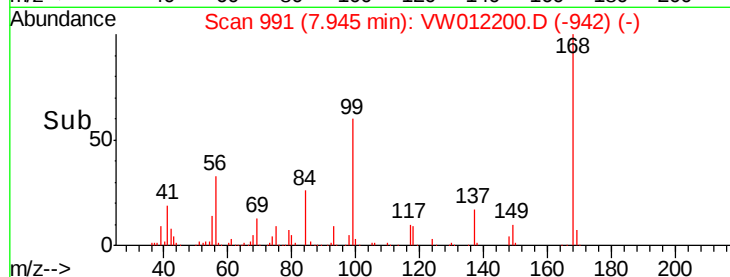
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 17.149 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012200.D

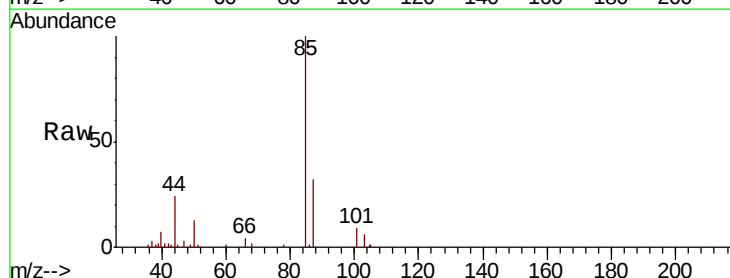
Acq: 27 Aug 2019 09:47

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

2.01

12000

10000

8000

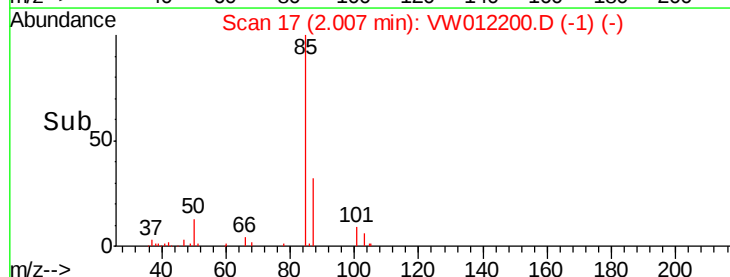
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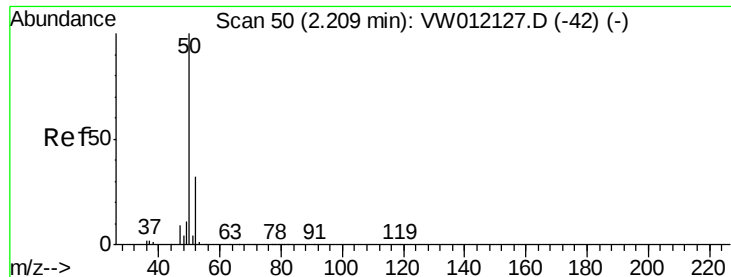
4000

2000

0

Time--> 1.90 2.00 2.10





#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 :

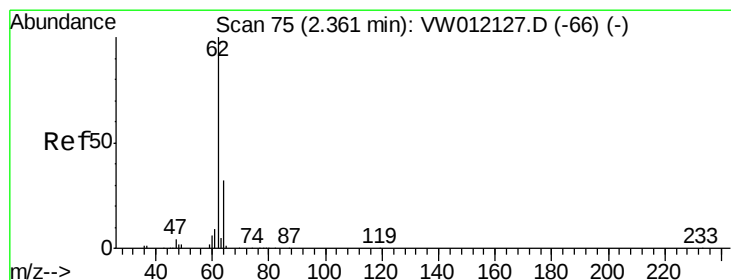
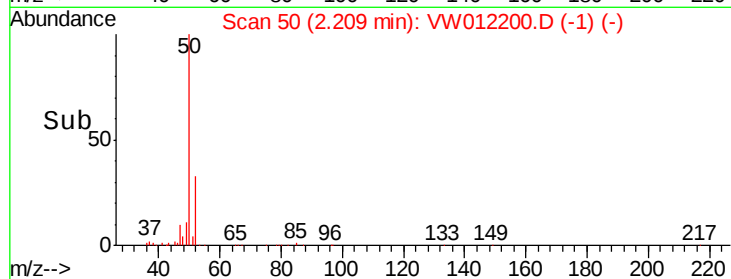
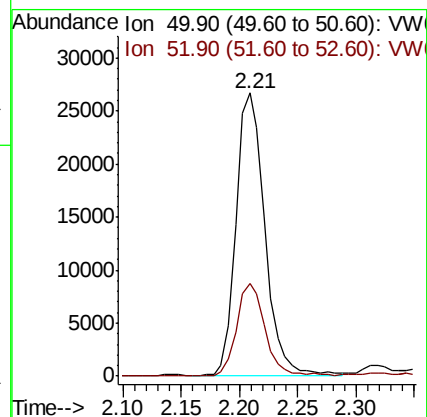
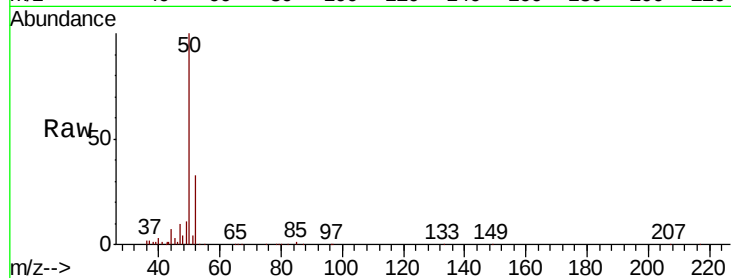
VW0827SBS01

Tgt 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

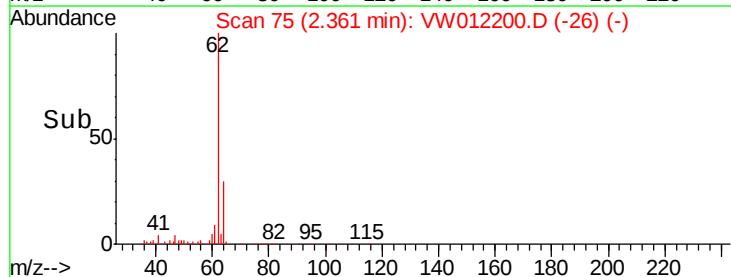
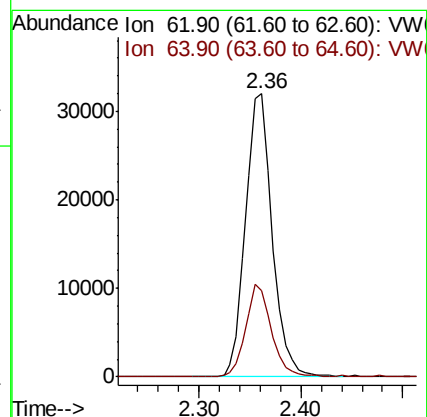
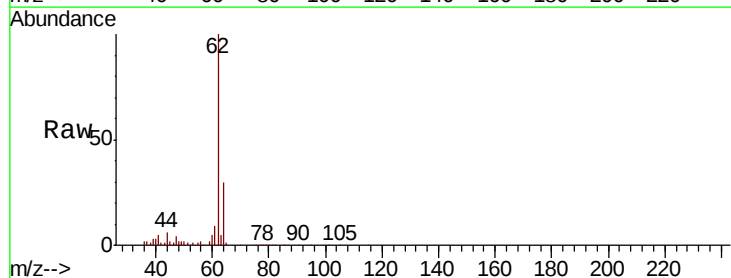
Acq: 27 Aug 2019 09:47

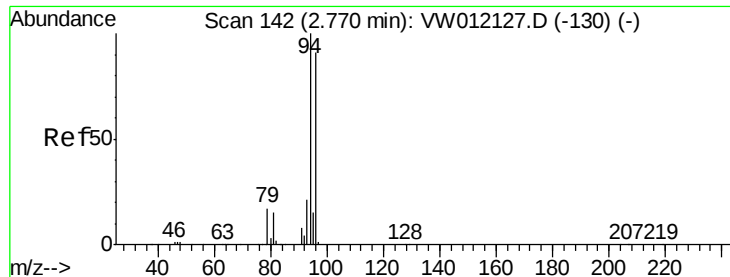
Tgt Ion: 62 Resp: 58078

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 :

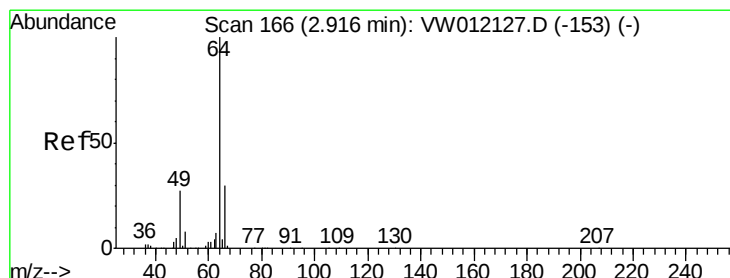
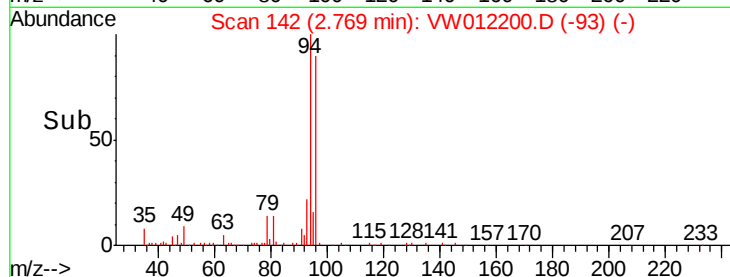
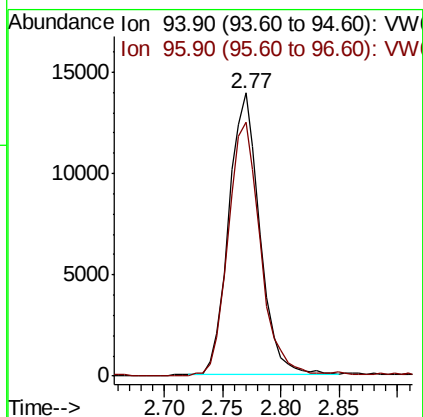
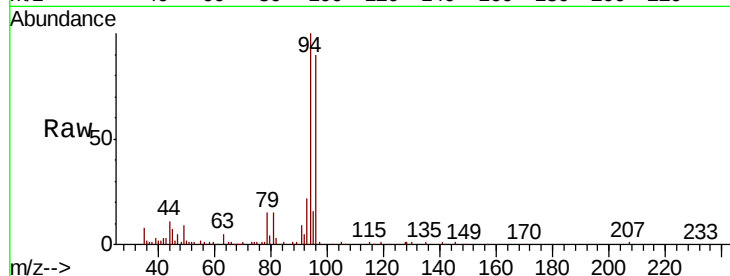
VW0827SBS01

Tgt 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

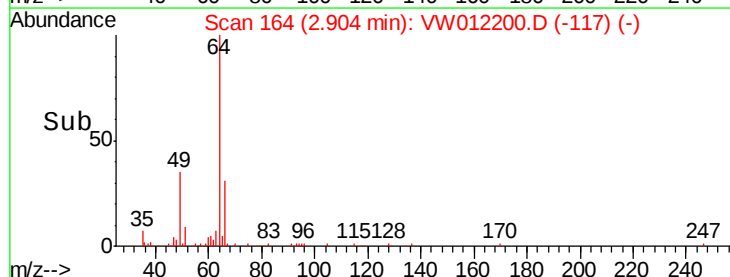
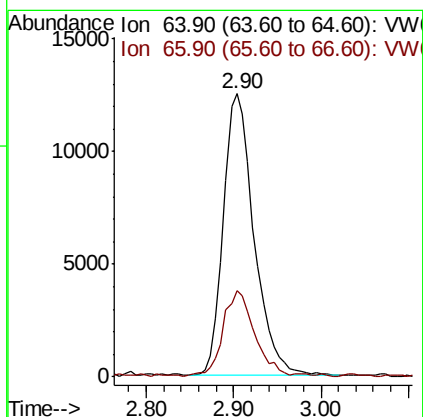
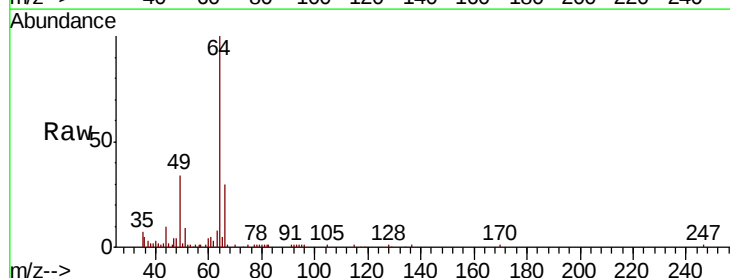
Acq: 27 Aug 2019 09:47

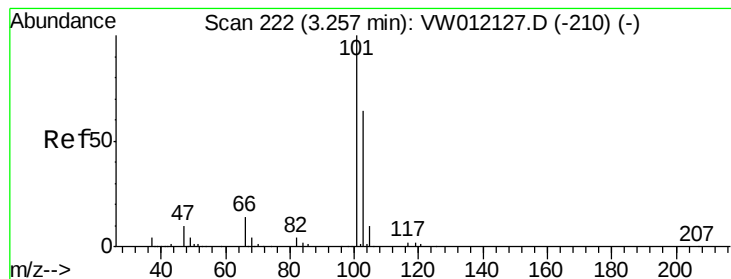
Tgt Ion: 64 Resp: 30515

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.8



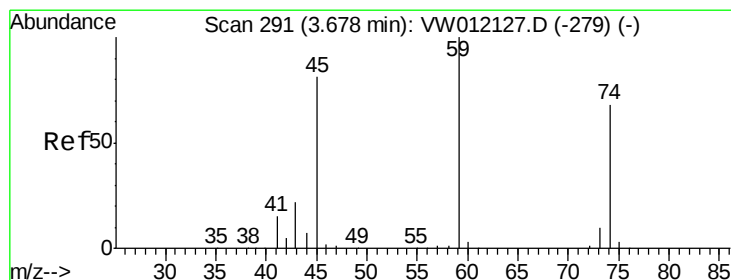
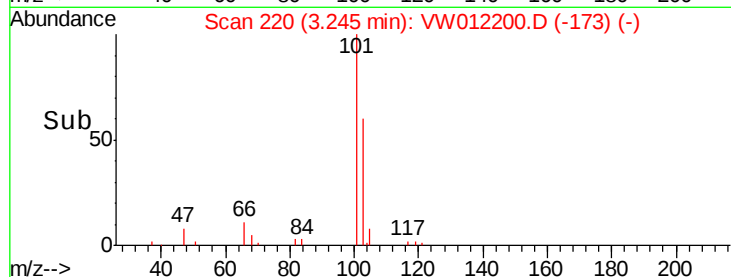
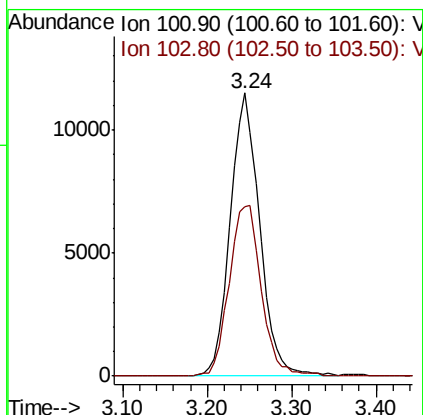
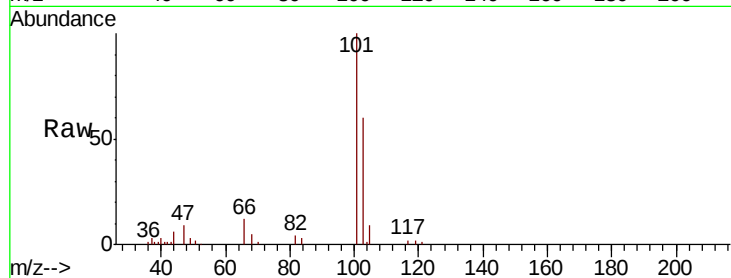


#7

Trichlorofluoromethane
 Concen: 17.211 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012200.D
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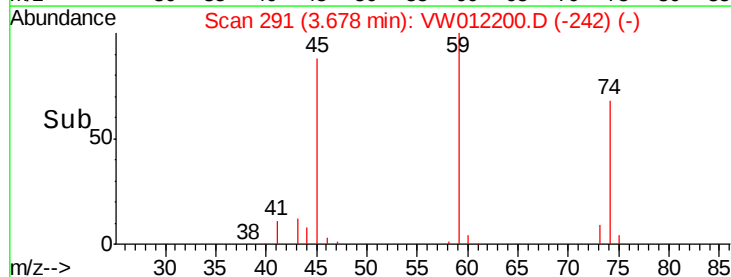
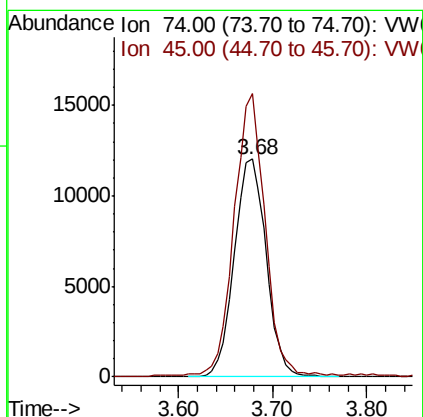
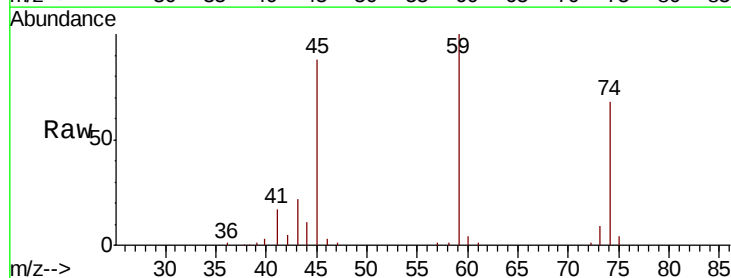
Tgt Ion:101 Resp: 27249
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.2 76.8

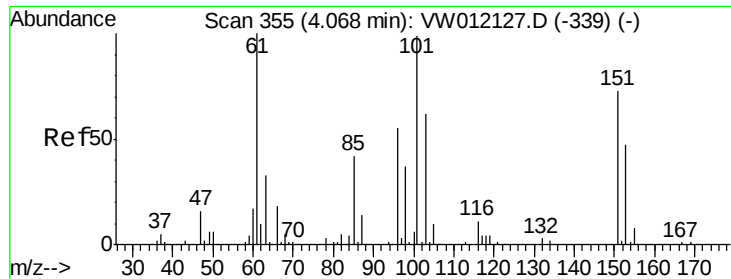


#8

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

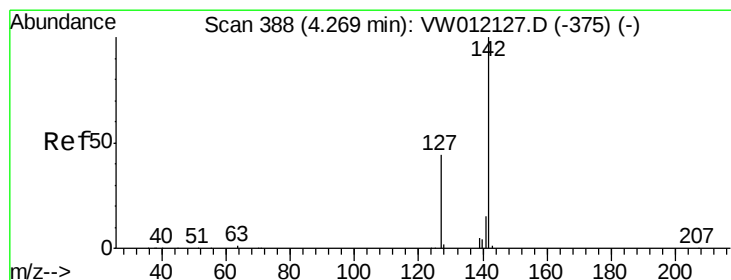
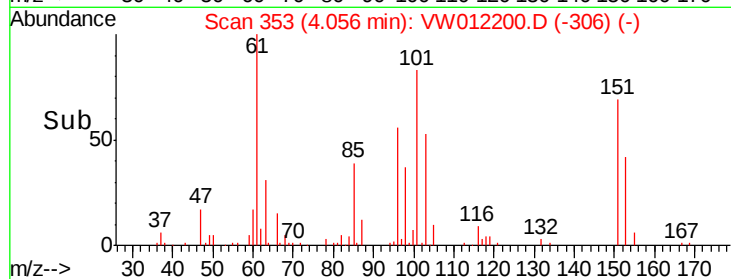
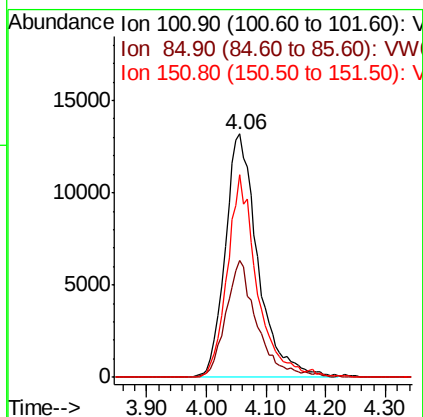
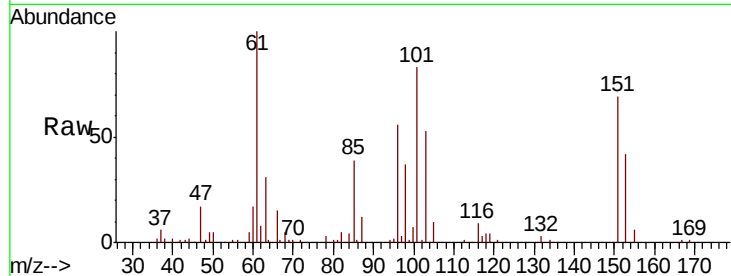




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.708 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VW012200.D
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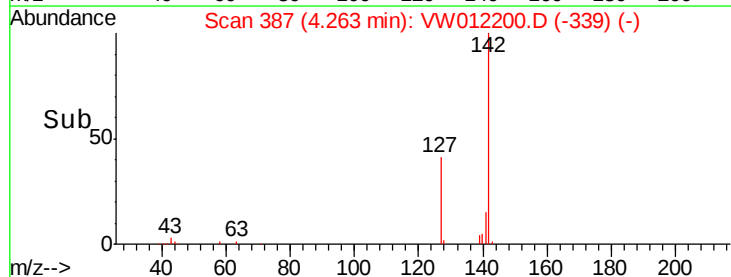
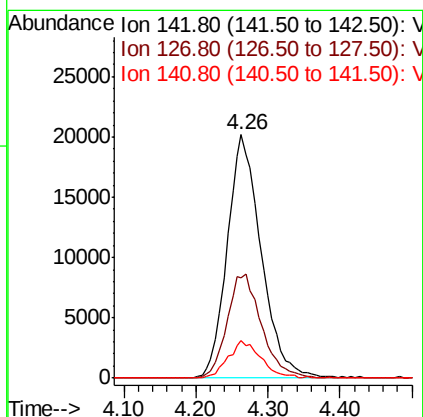
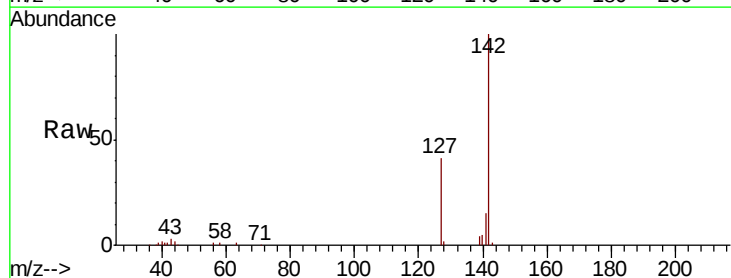
Instrument :
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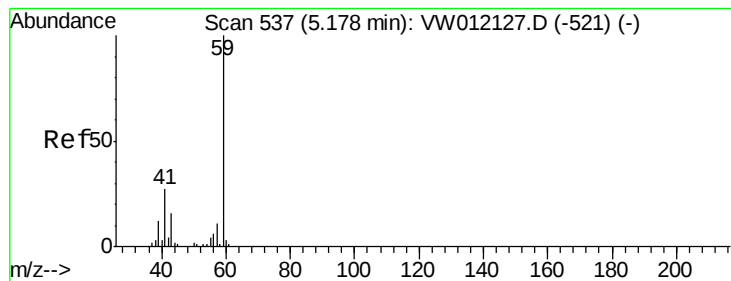
Tgt Ion:101 Resp: 50345
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.8 53.6
 151 74.4 58.6 87.8



#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





#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 :

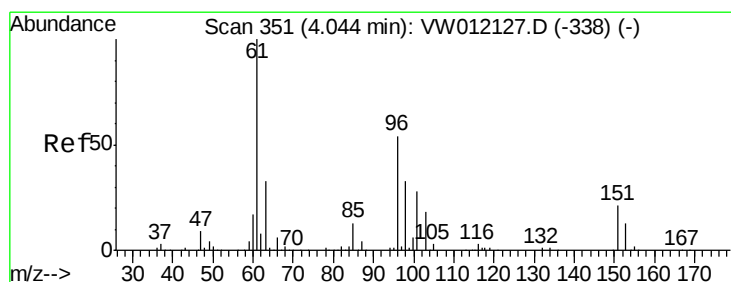
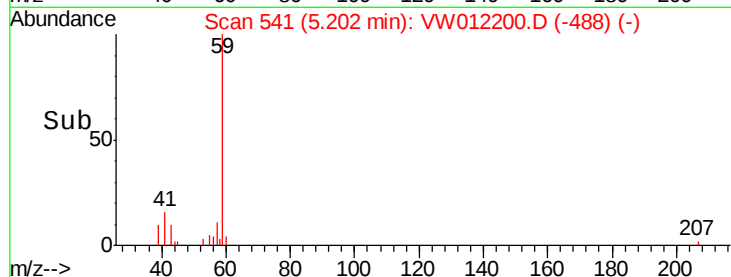
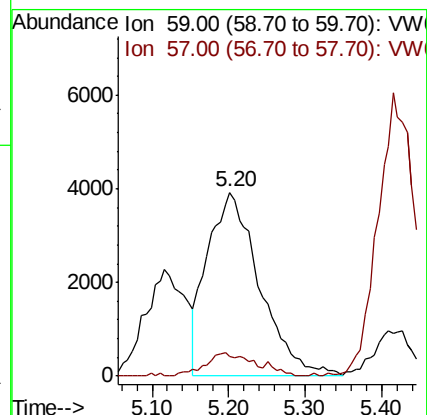
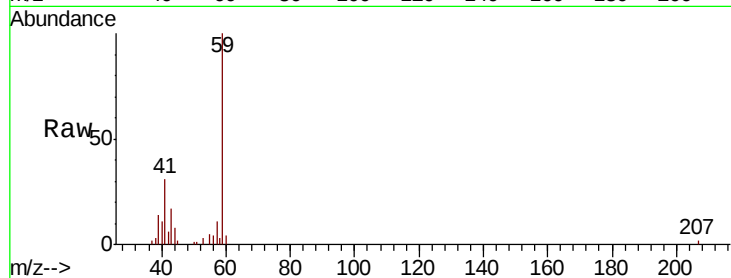
VW0827SBS01

Tgt 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

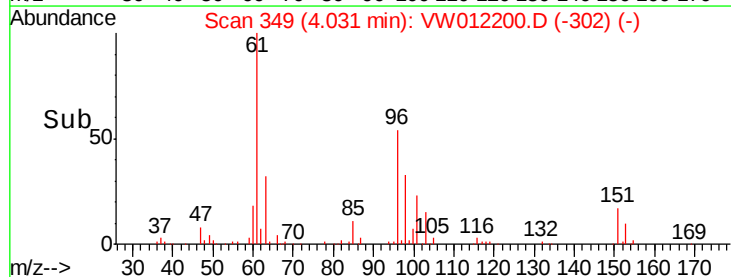
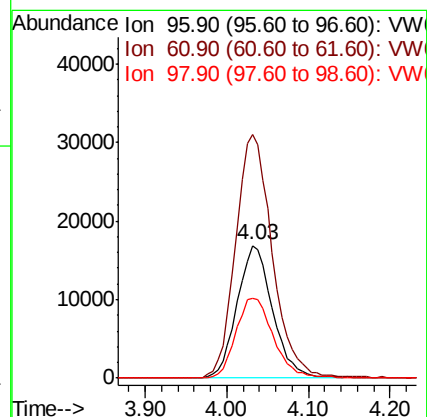
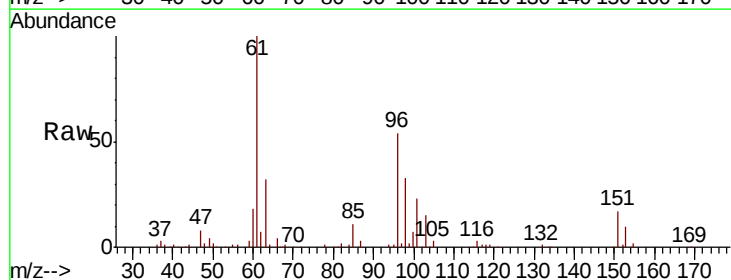
Tgt Ion: 96 Resp: 50958

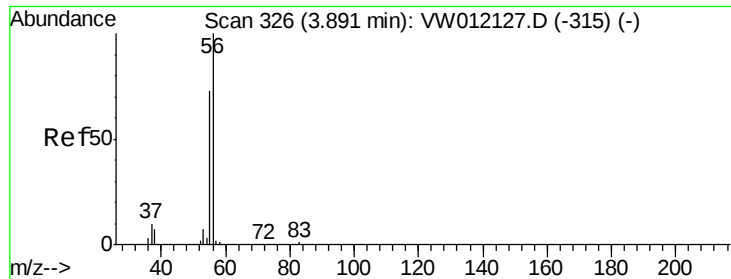
Ion Ratio Lower Upper

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 :

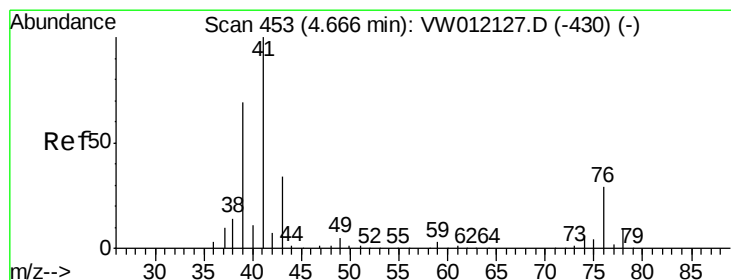
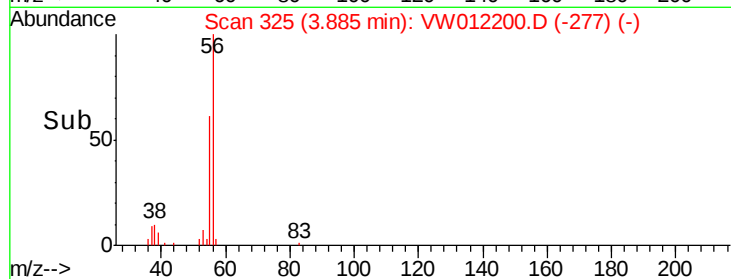
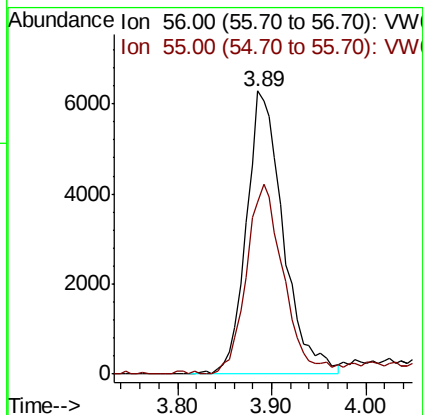
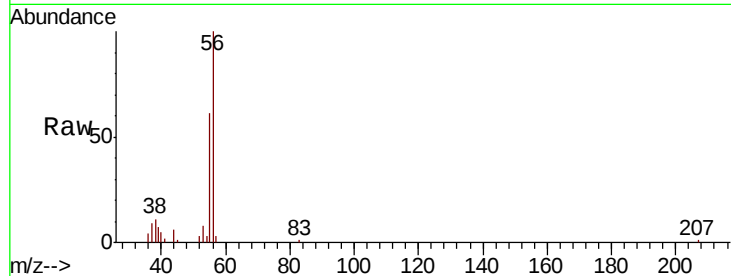
VW0827SBS01

Tgt 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

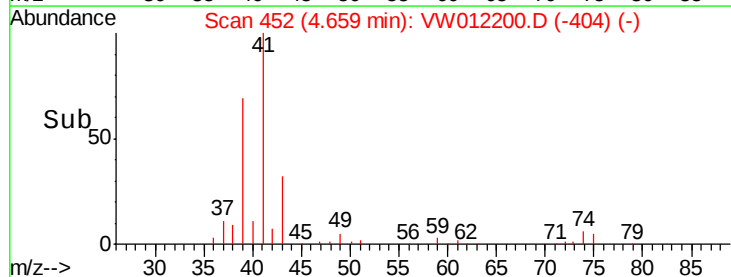
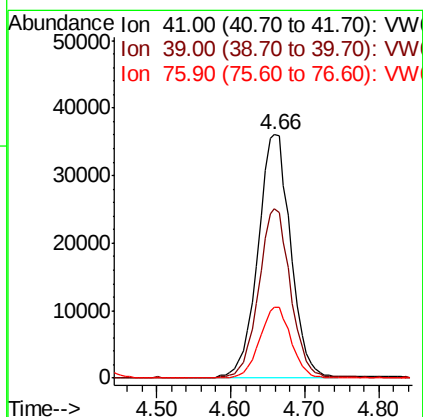
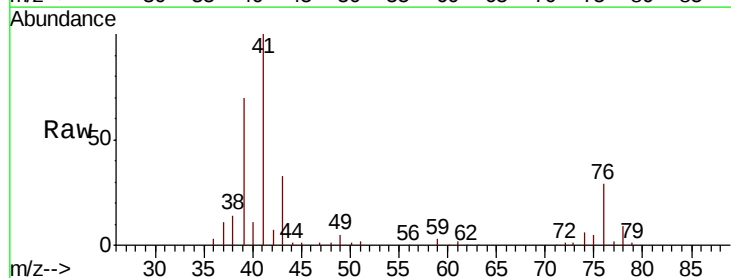
Tgt Ion: 41 Resp: 111168

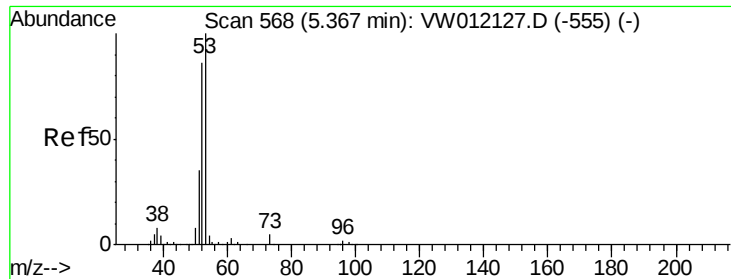
Ion Ratio Lower Upper

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

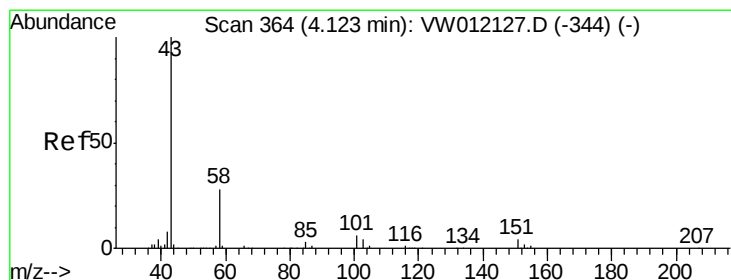
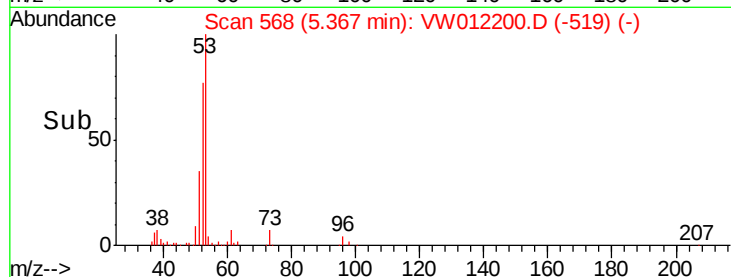
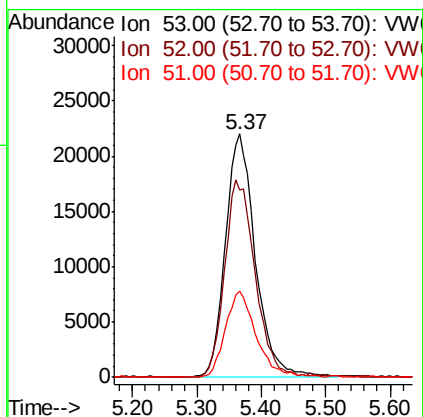
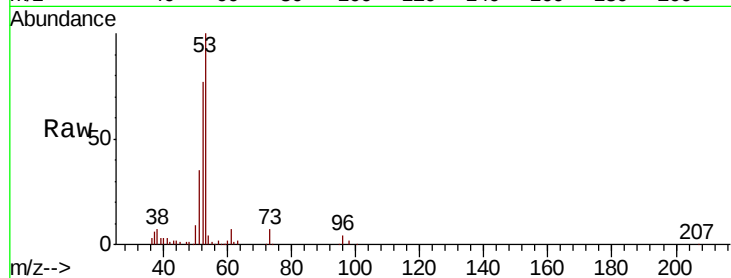
Tgt Ion: 53 Resp: 72070

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

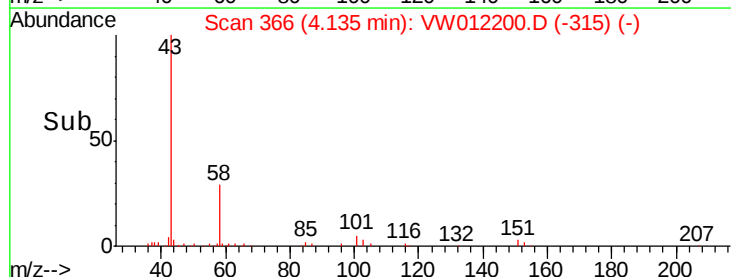
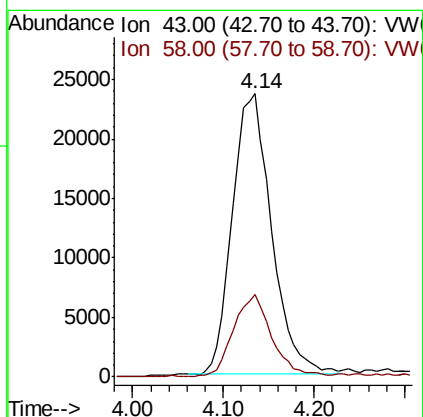
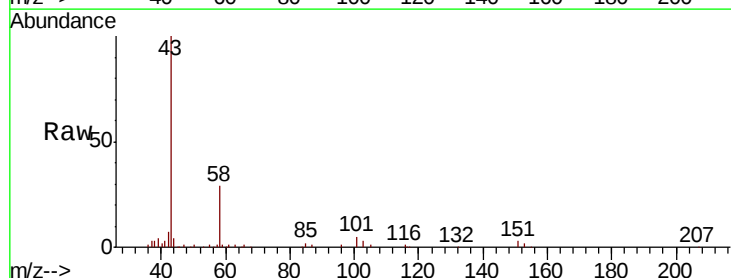
Acq: 27 Aug 2019 09:47

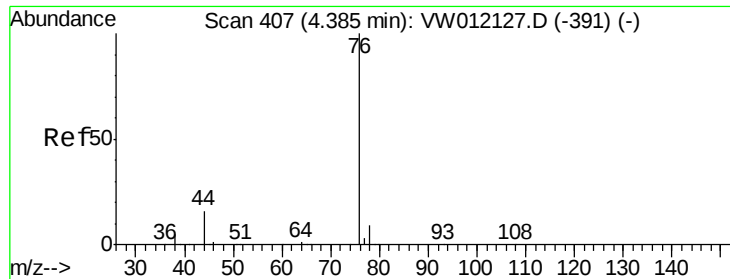
Tgt Ion: 43 Resp: 71079

Ion Ratio Lower Upper

43 100

58 29.2 22.4 33.6

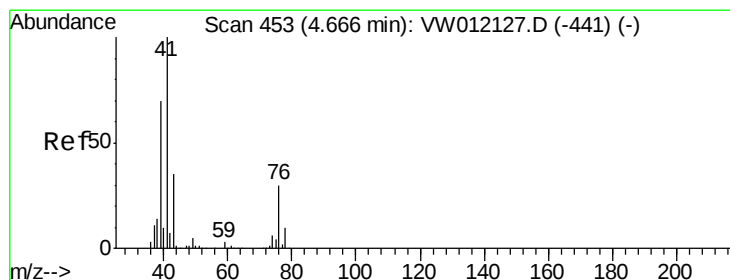
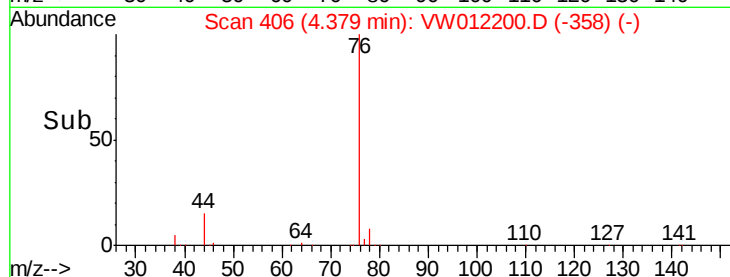
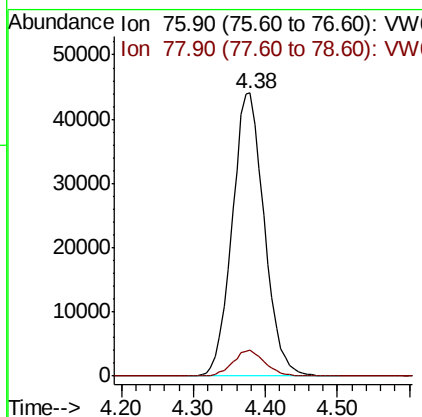
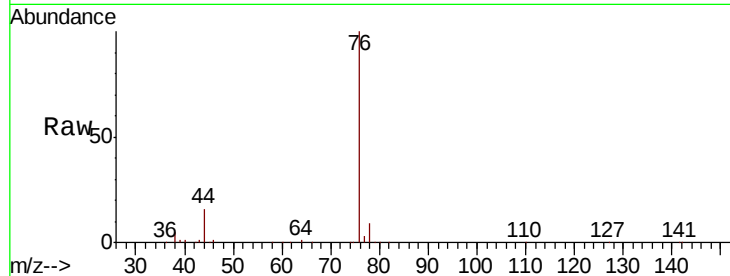




#17
Carbon Disulfide
Concen: 16.587 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

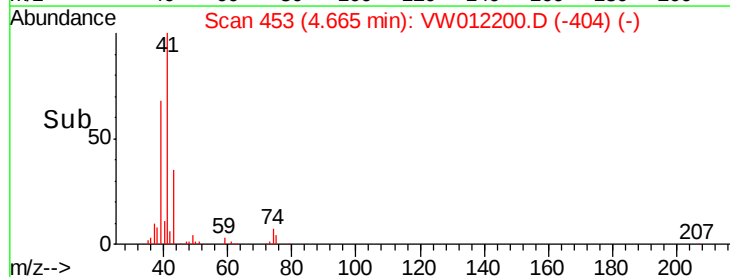
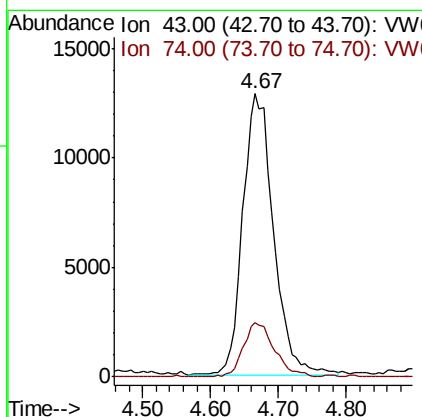
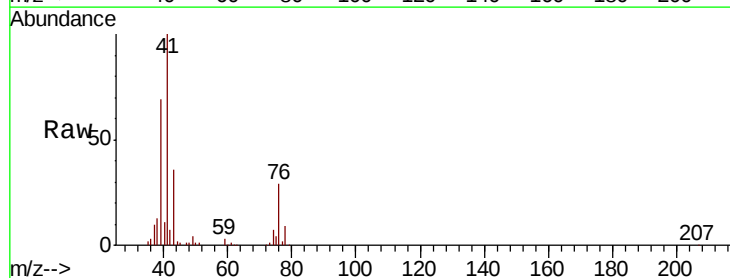
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

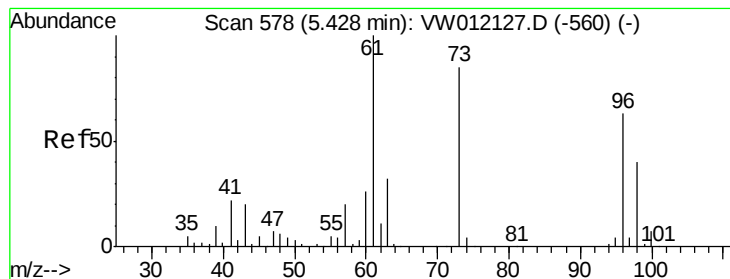
Tgt Ion: 76 Resp: 135782
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#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



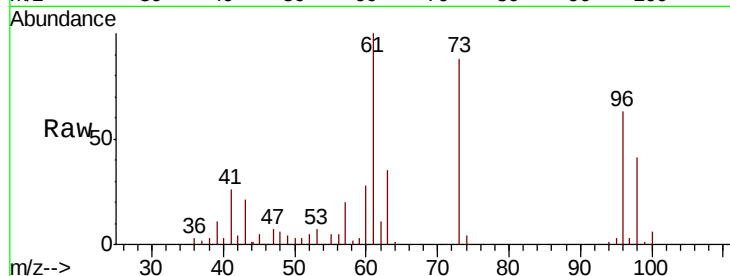


#19

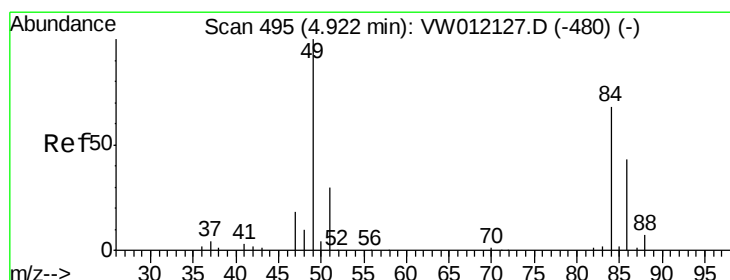
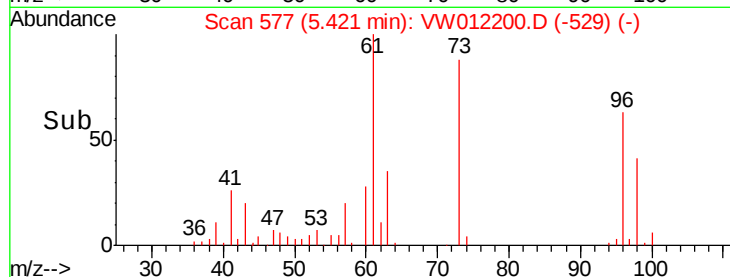
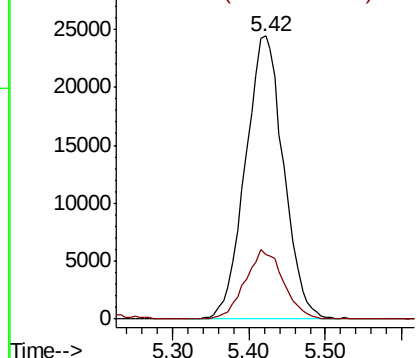
Methyl tert-butyl Ether
 Concen: 19.360 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

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



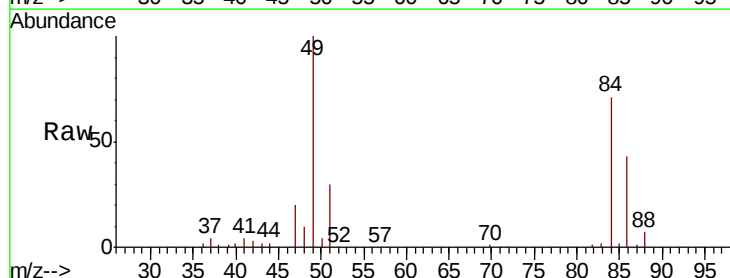
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 57.00 (56.70 to 57.70): VW



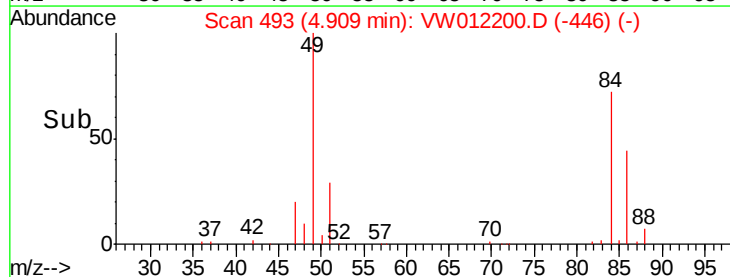
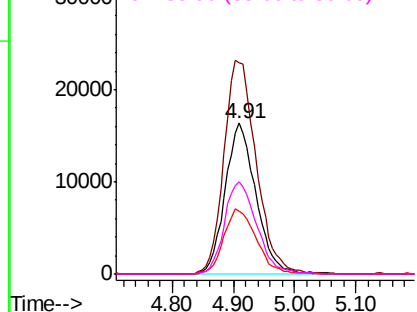
#20

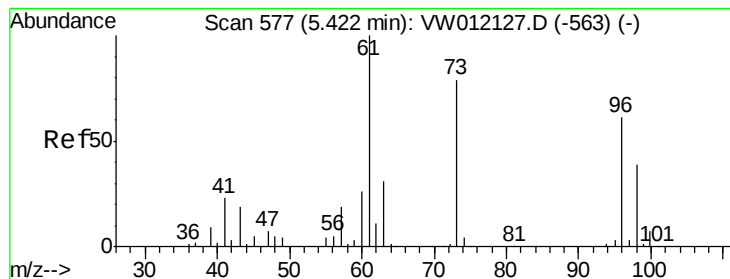
Methylene Chloride
 Concen: 18.301 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

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



Abundance Ion 83.90 (83.60 to 84.60): VW
 Ion 48.90 (48.60 to 49.60): VW
 Ion 50.90 (50.60 to 51.60): VW
 Ion 85.90 (85.60 to 86.60): VW





#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

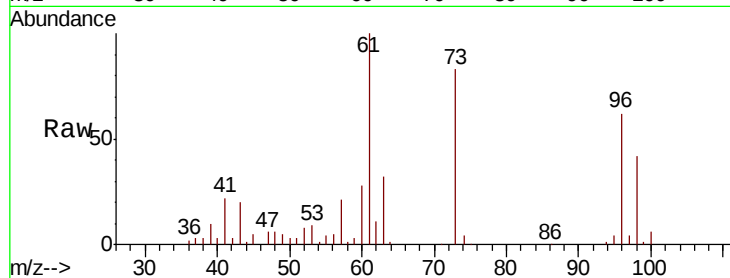
Tgt Ion: 96 Resp: 55262

Ion Ratio Lower Upper

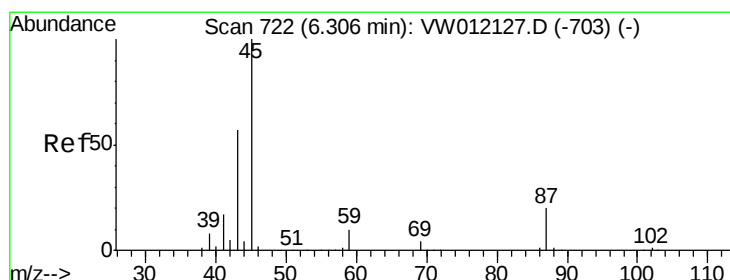
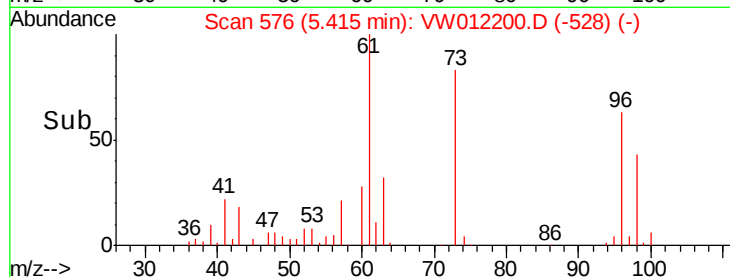
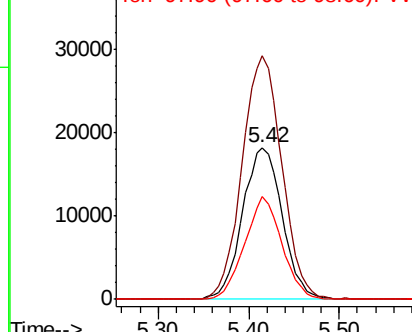
96 100

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

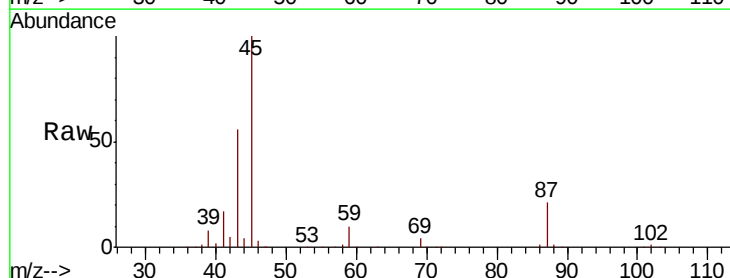
Ion Ratio Lower Upper

45 100

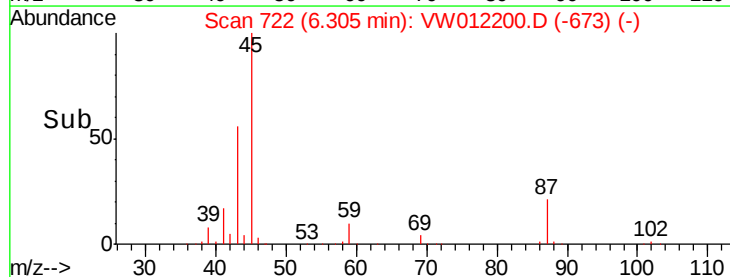
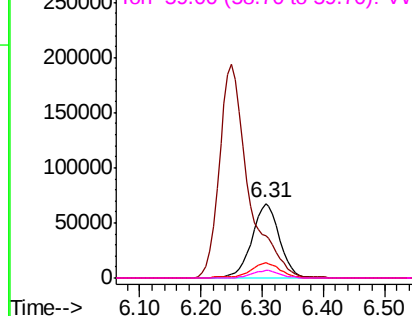
43 56.2 45.5 68.3

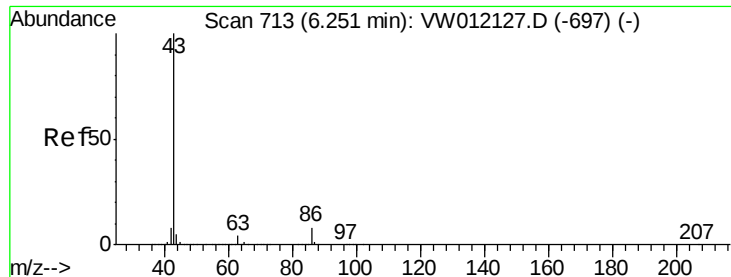
87 20.6 16.1 24.1

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 :

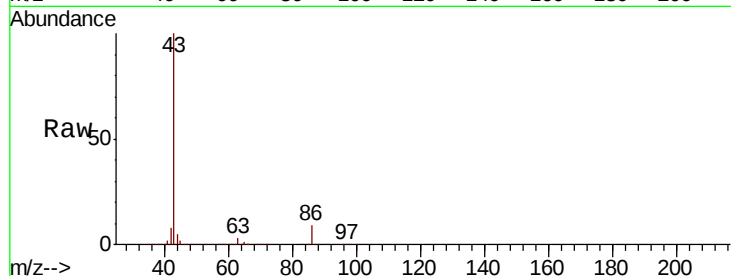
VW0827SBS01

Tgt 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

6.25

200000

150000

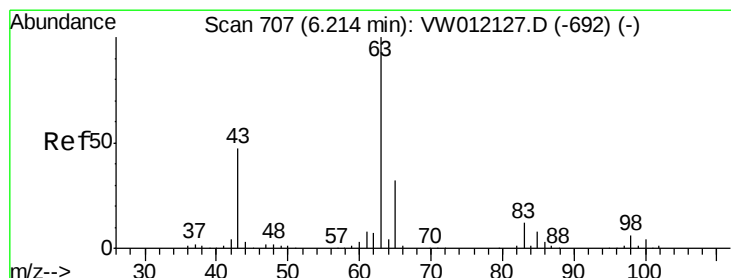
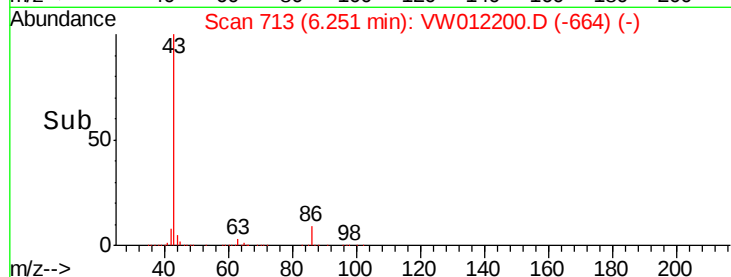
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#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

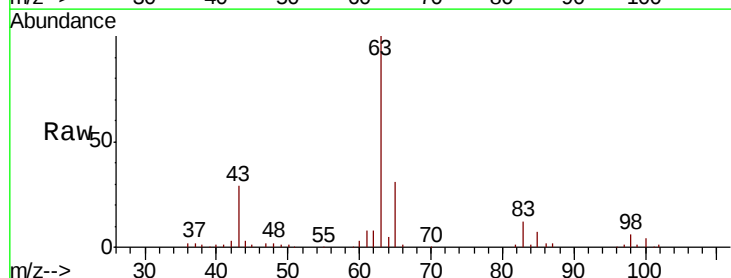
Tgt Ion: 63 Resp: 113602

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

50000

40000

30000

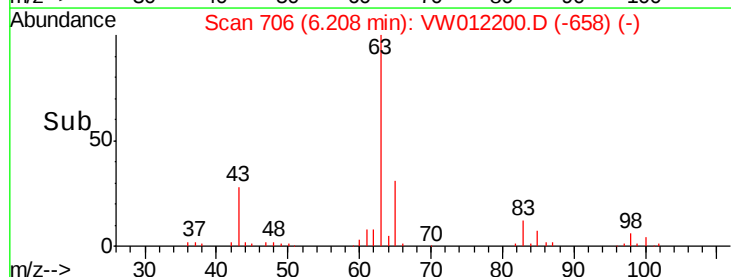
20000

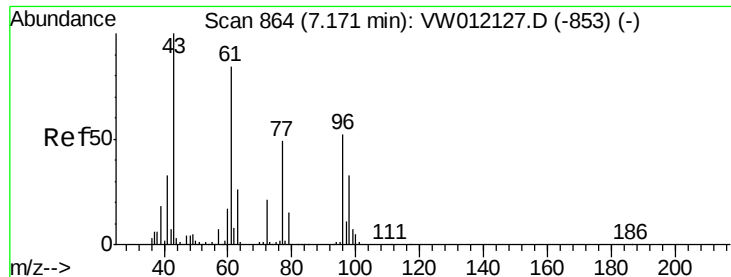
10000

0

6.10 6.20 6.30

Time-->





#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

ClientSampleId :

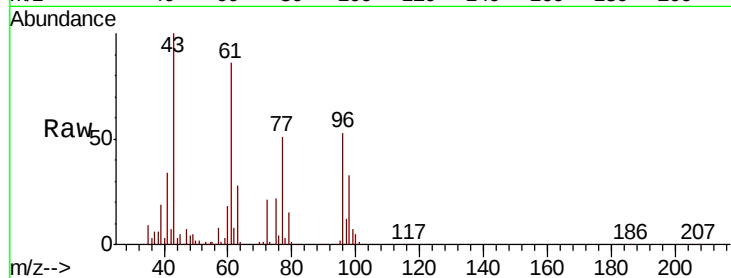
VW0827SBS01

Tgt Ion: 43 Resp: 108947

Ion Ratio Lower Upper

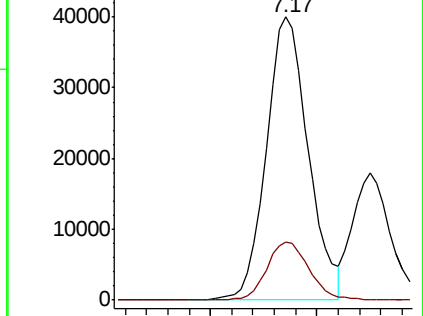
43 100

72 20.6 16.6 24.8

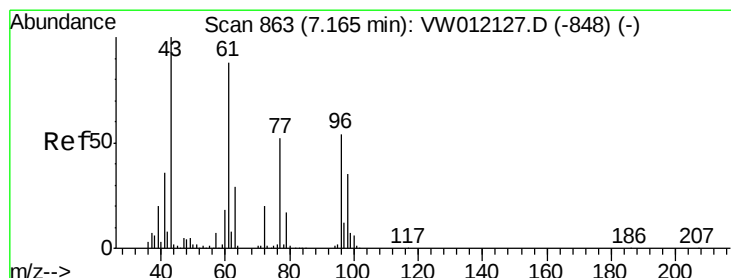
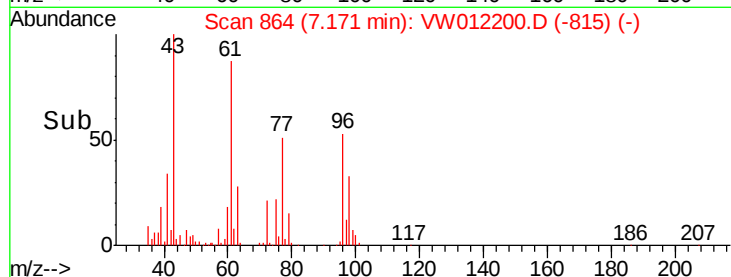


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#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

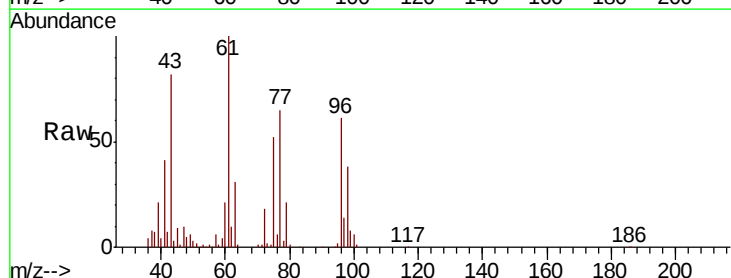
Acq: 27 Aug 2019 09:47

Tgt Ion: 77 Resp: 69169

Ion Ratio Lower Upper

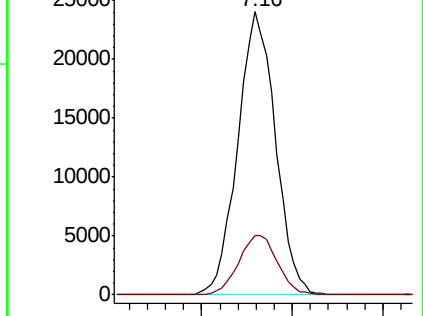
77 100

97 21.5 11.1 33.1

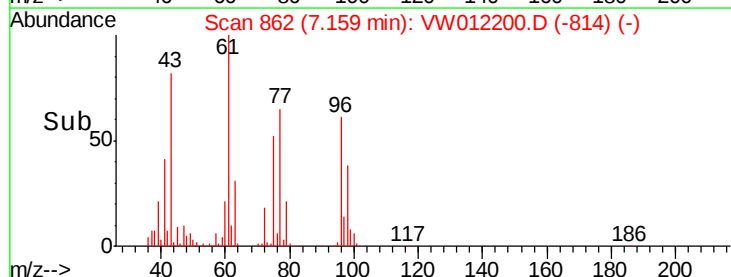


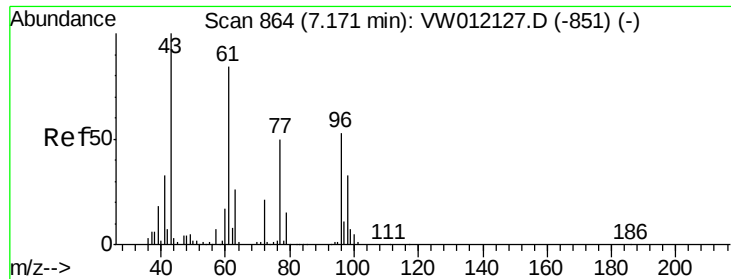
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->

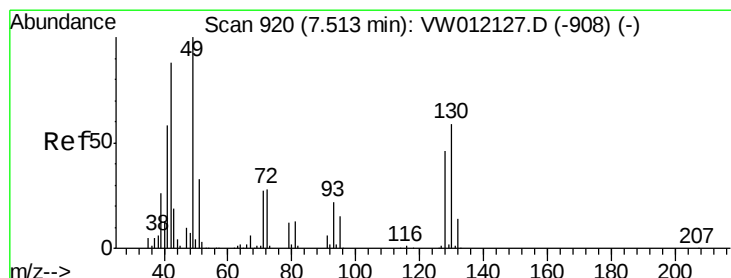
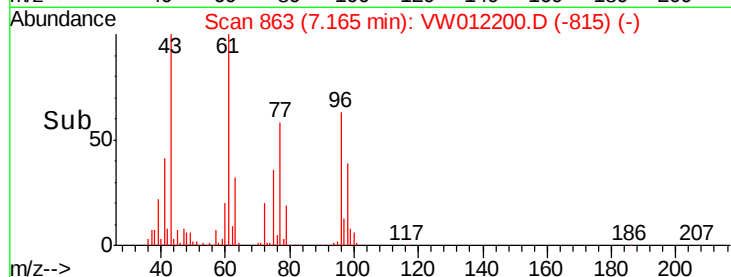
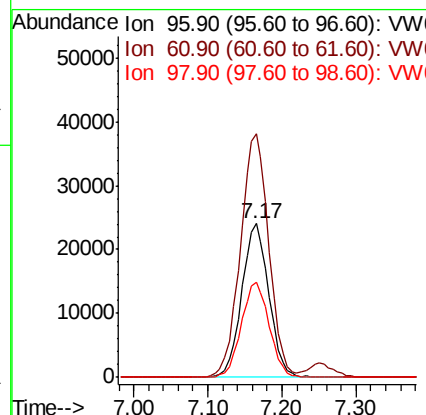
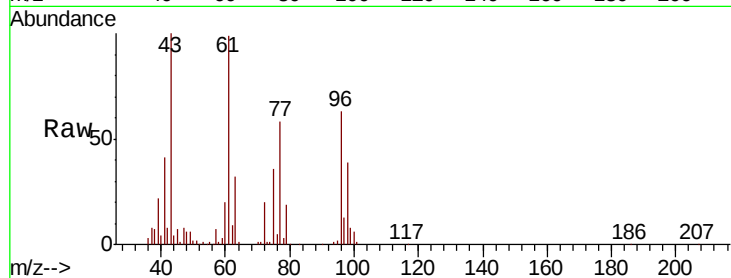




#27
 cis-1,2-Dichloroethene
 Concen: 19.776 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

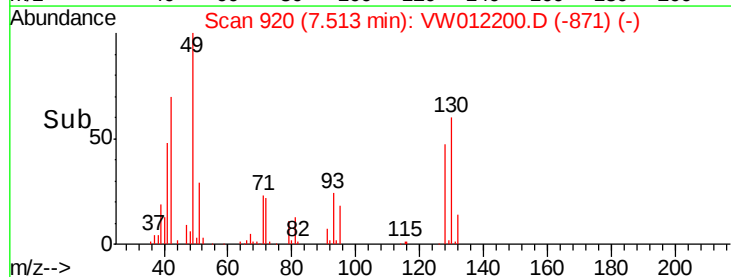
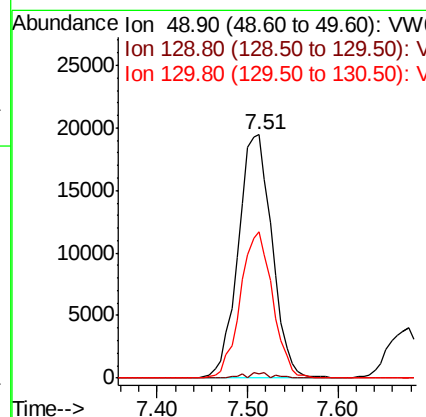
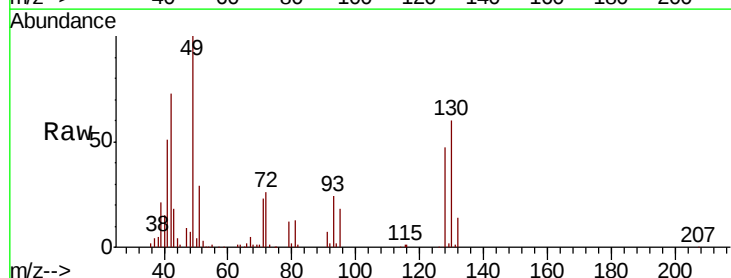
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

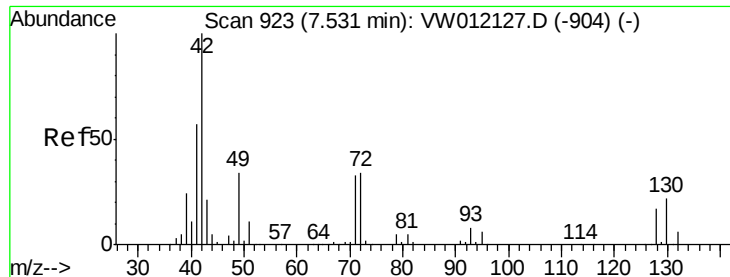
Tgt Ion: 96 Resp: 61370
 Ion Ratio Lower Upper
 96 100
 61 165.6 0.0 326.6
 98 63.5 0.0 127.4



#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

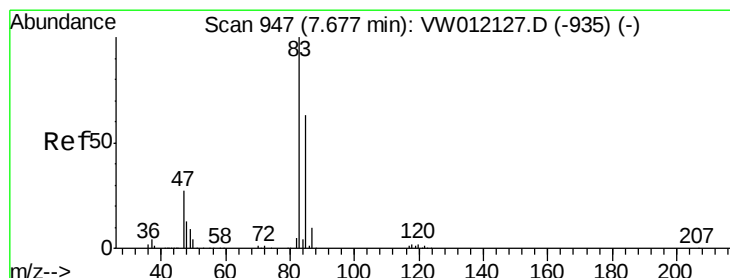
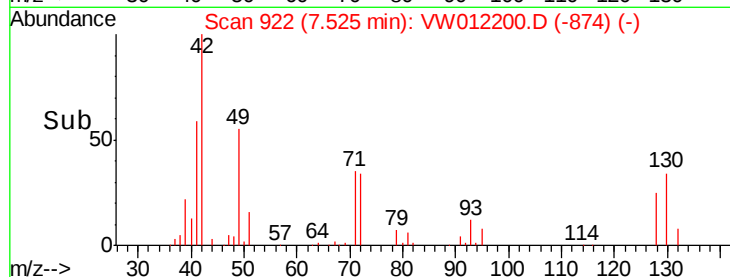
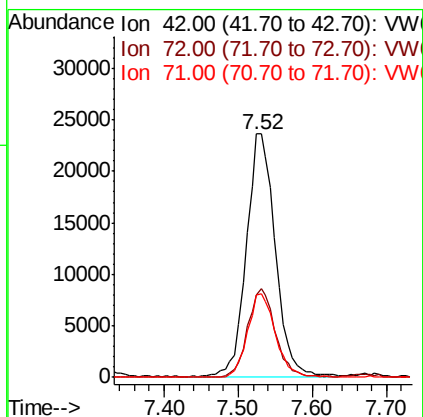
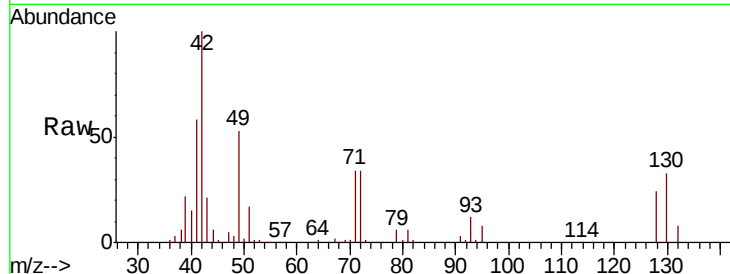




#29
Tetrahydrofuran
Concen: 95.748 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

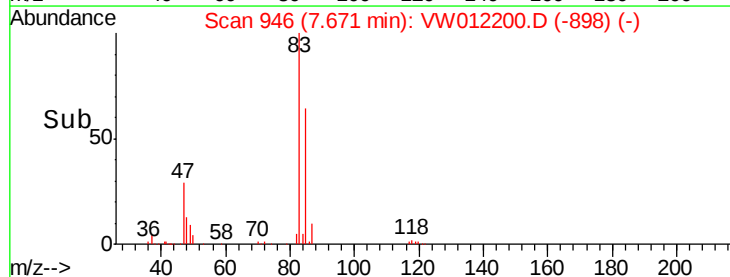
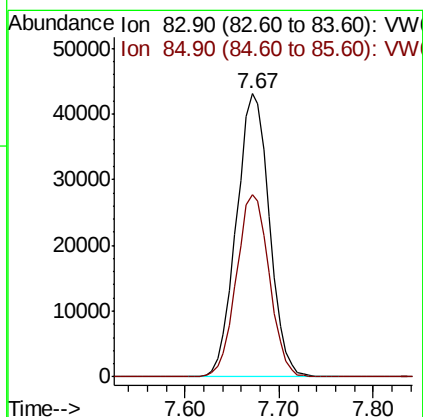
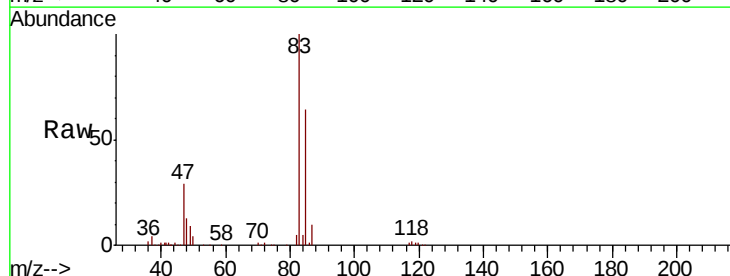
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

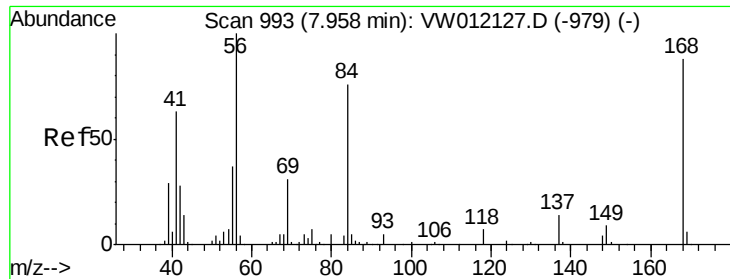
Tgt Ion: 42 Resp: 64055
Ion Ratio Lower Upper
42 100
72 35.0 27.3 40.9
71 33.3 25.5 38.3



#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

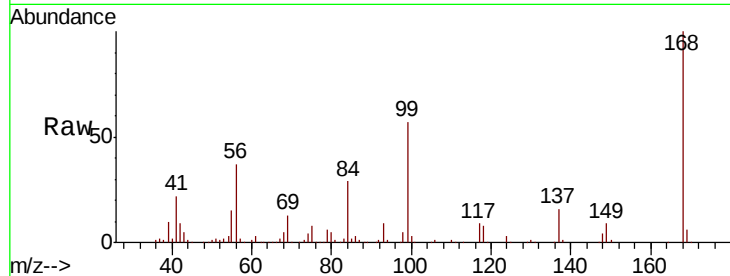




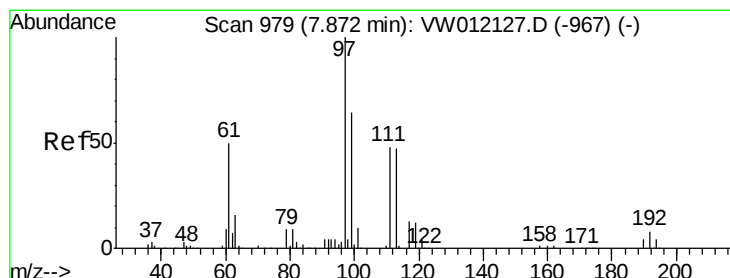
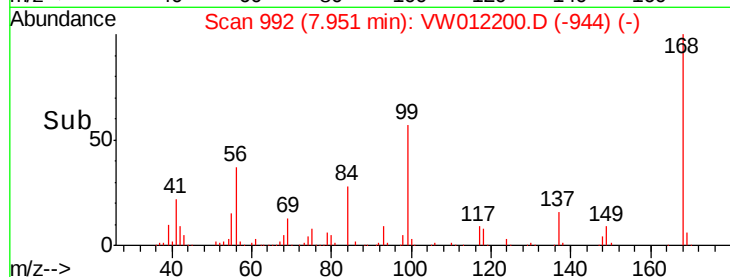
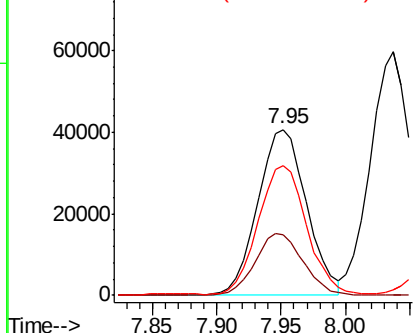
#31
Cyclohexane
Concen: 18.462 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

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

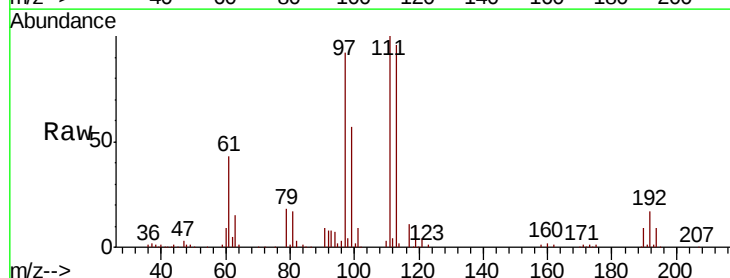


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

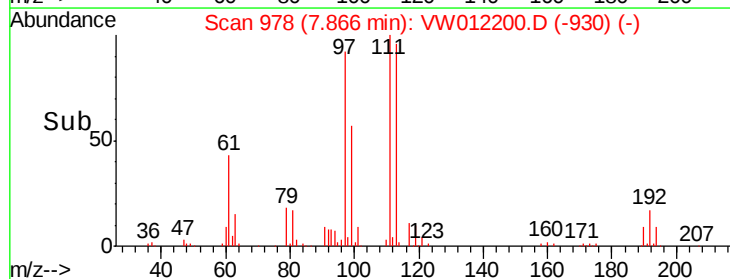
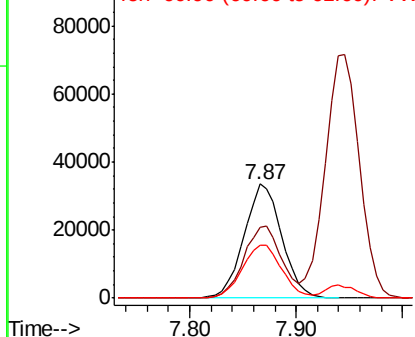


#32
1,1,1-Trichloroethane
Concen: 19.625 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

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 :

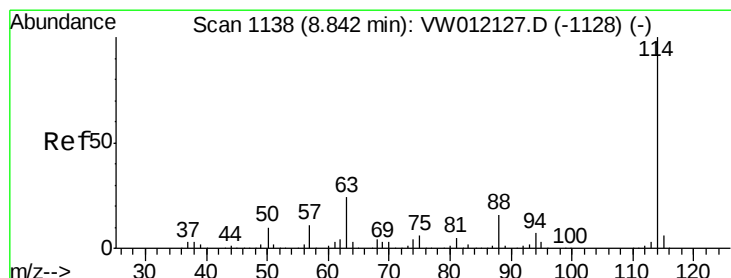
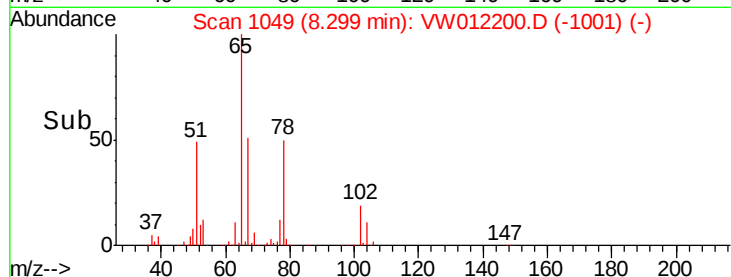
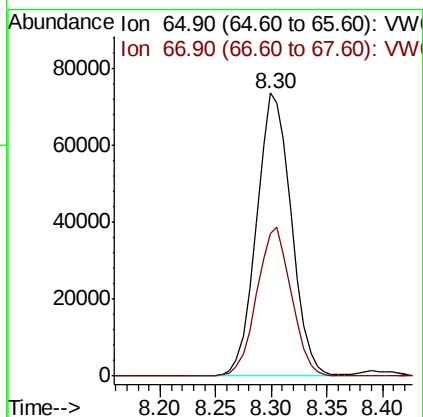
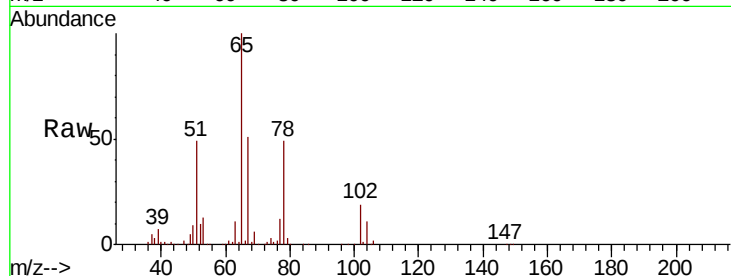
VW0827SBS01

Tgt 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

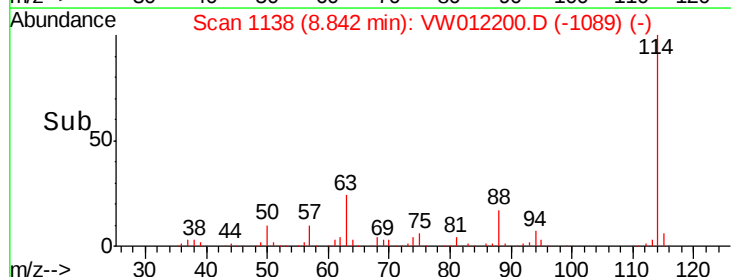
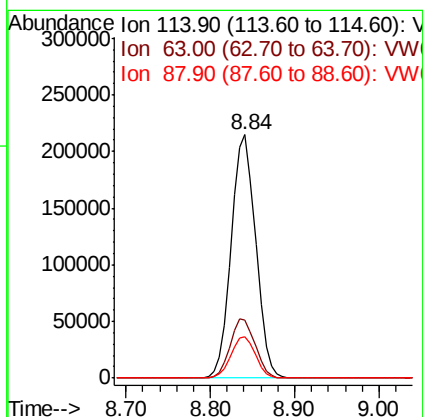
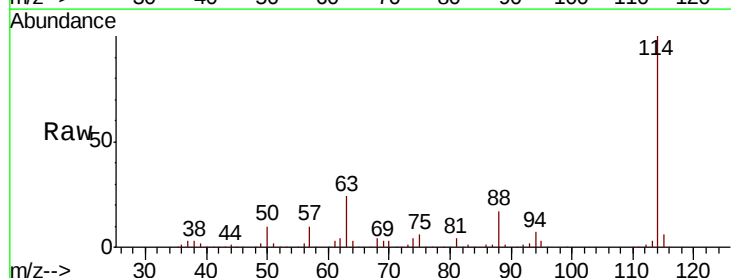
Tgt Ion: 114 Resp: 423228

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

88 16.8 0.0 32.2

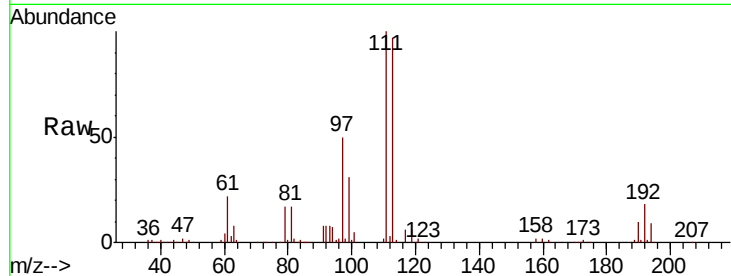




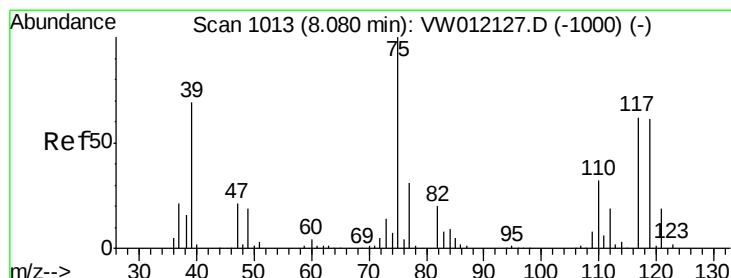
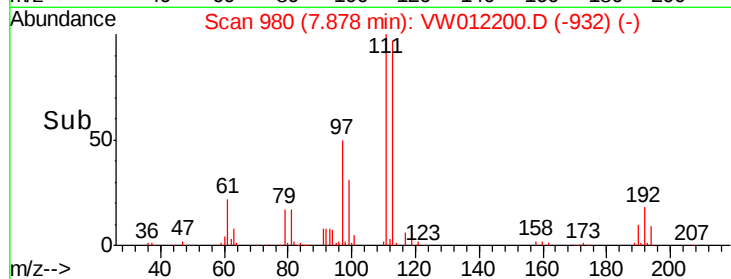
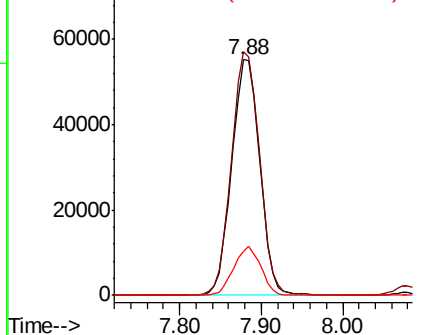
#35
 Dibromofluoromethane
 Concen: 51.778 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.0	16.2	24.2

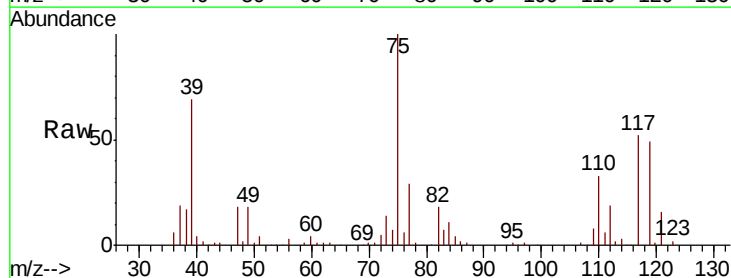


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

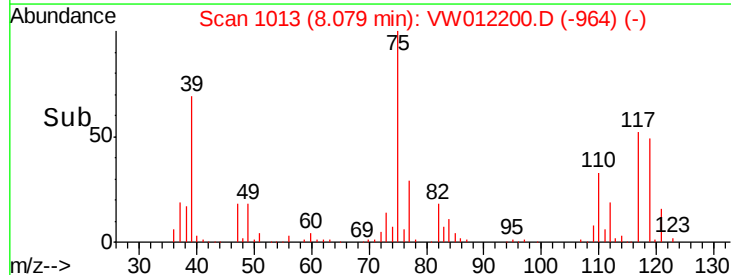
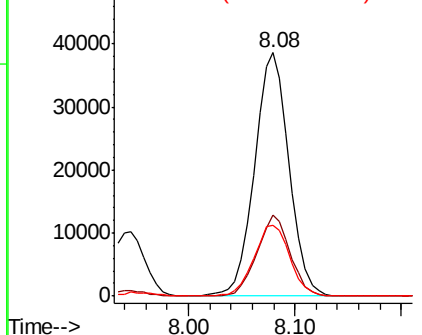


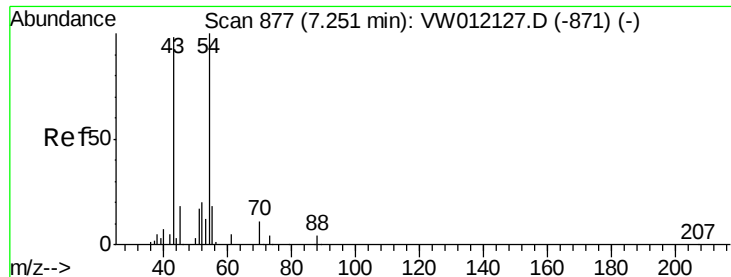
#36
 1,1-Dichloropropene
 Concen: 19.837 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

Tgt Ion	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

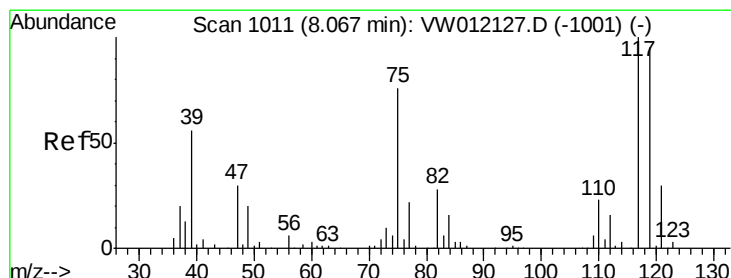
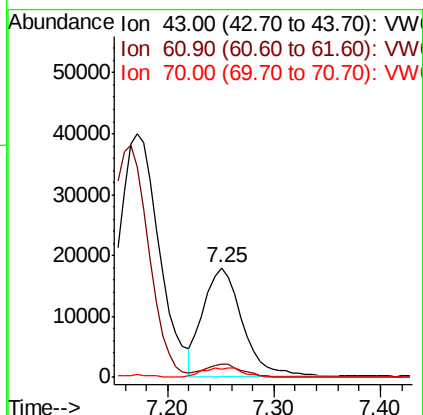
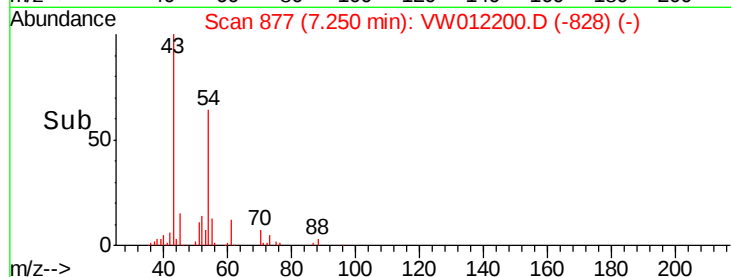
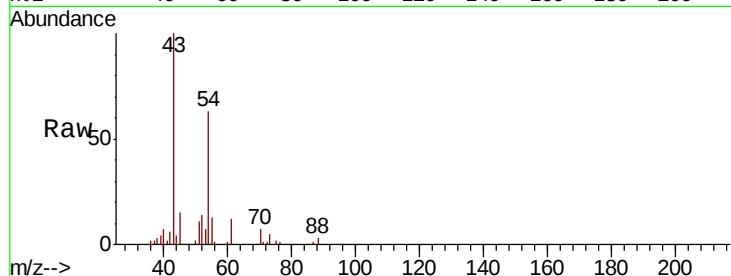




#37
Ethyl Acetate
Concen: 18.910 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

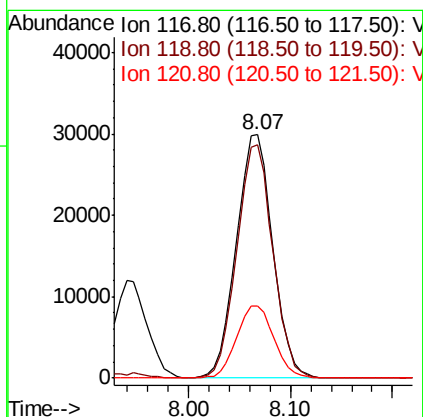
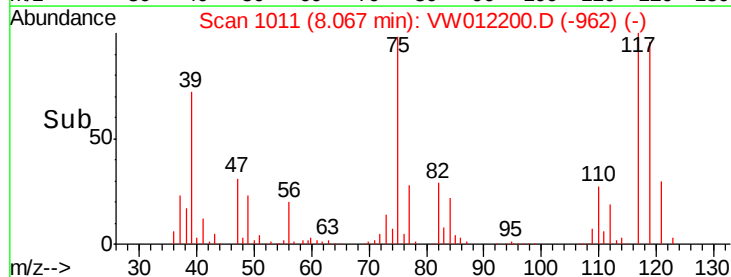
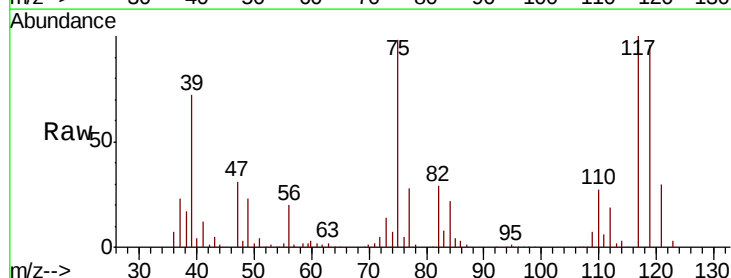
Instrument :
MSVOA_W
ClientSampled :
VW0827SBS01

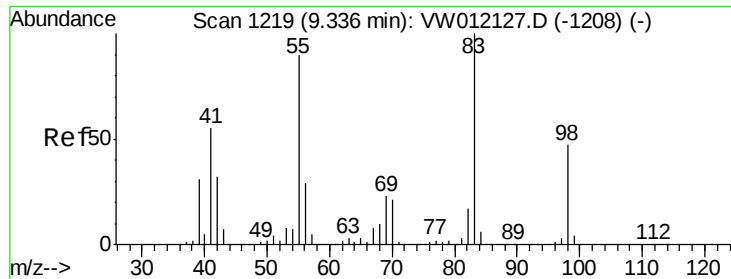
Tgt Ion: 43 Resp: 45320
Ion Ratio Lower Upper
43 100
61 12.2 9.2 13.8
70 9.2 6.9 10.3



#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

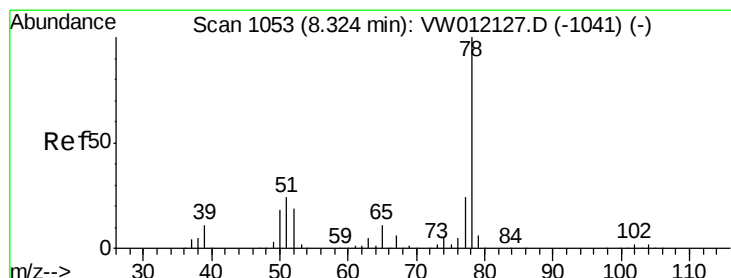
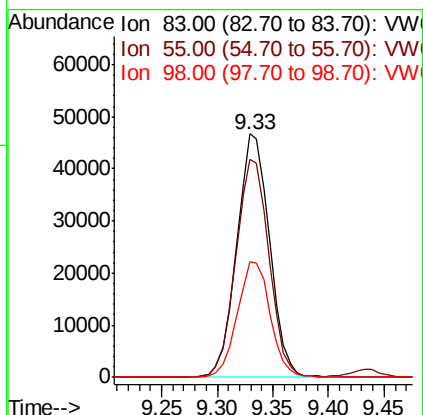
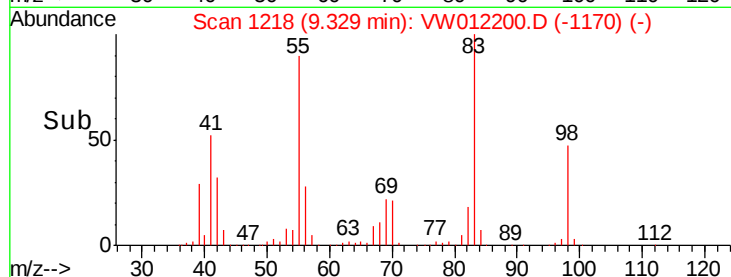
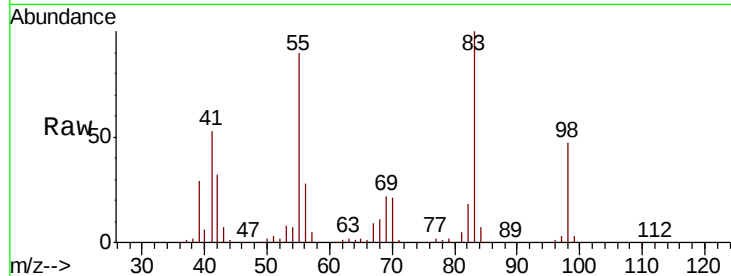




#39
Methylcyclohexane
Concen: 19.421 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

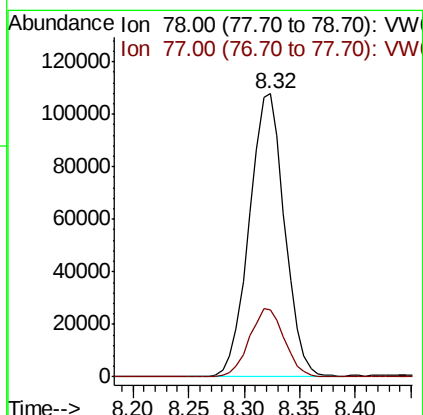
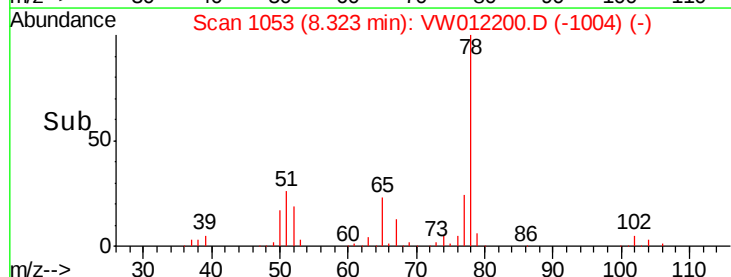
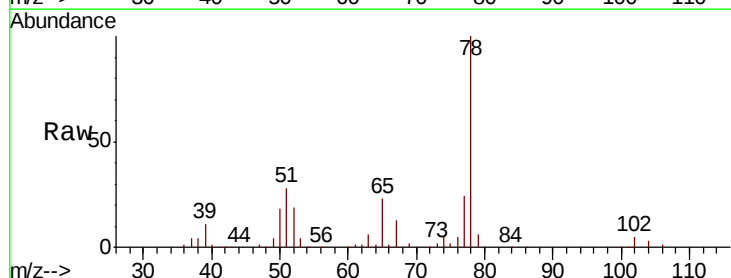
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

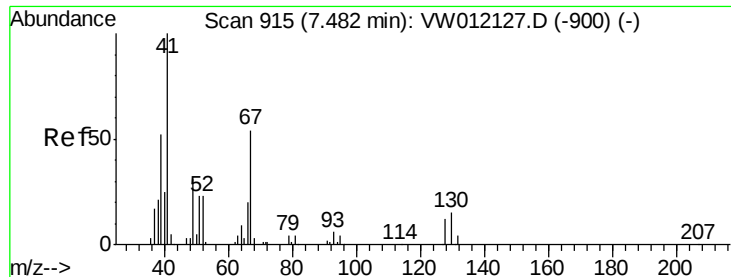
Tgt Ion: 83 Resp: 95424
Ion Ratio Lower Upper
83 100
55 89.7 71.8 107.8
98 47.5 37.8 56.8



#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

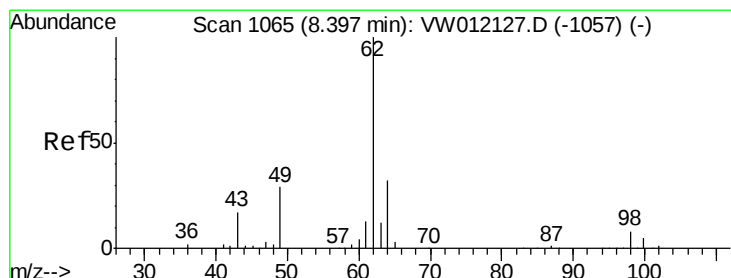
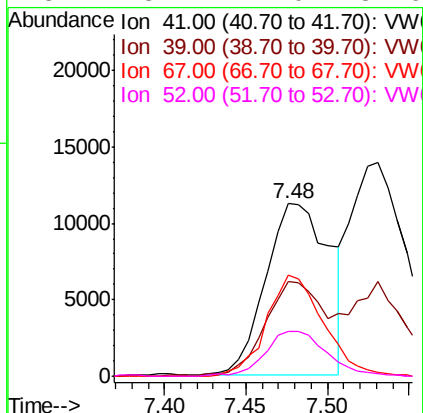
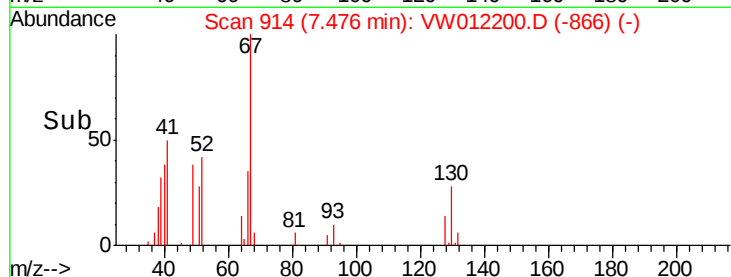
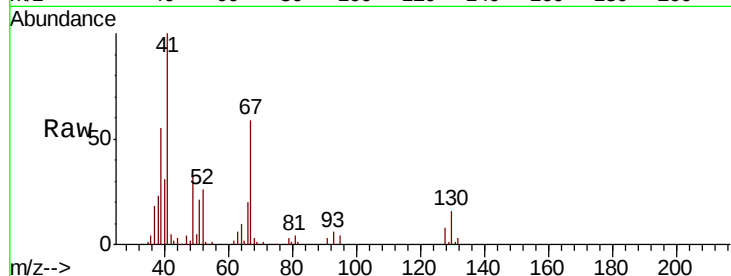




#41
Methacrylonitrile
Concen: 21.693 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

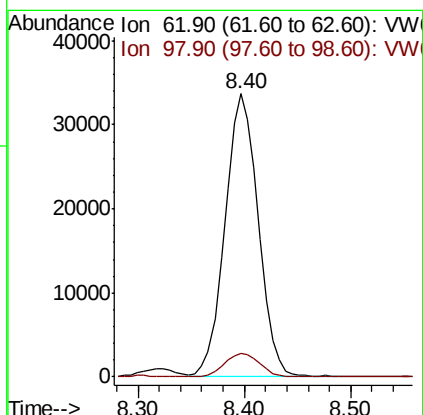
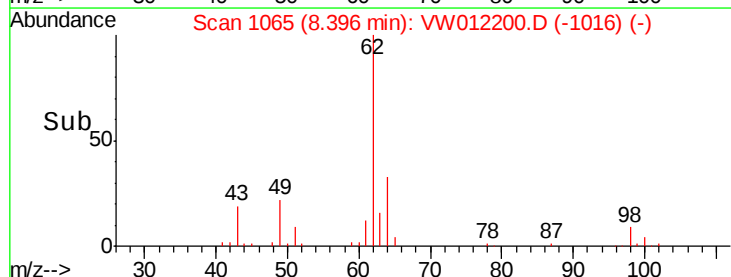
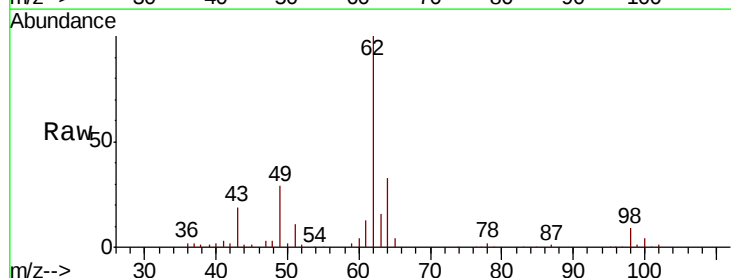
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

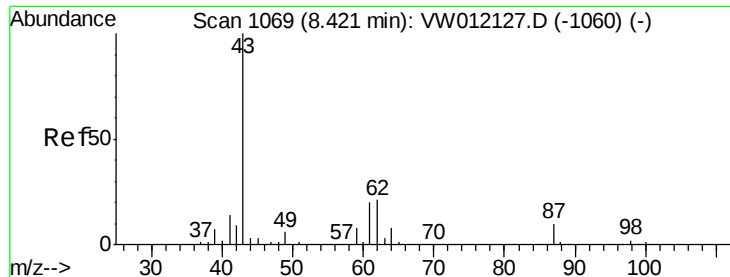
Tgt Ion:	41	Resp:	30557
Ion	Ratio	Lower	Upper
41	100		
39	48.8	45.8	68.8
67	52.7	46.2	69.4
52	25.1	21.0	31.6



#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

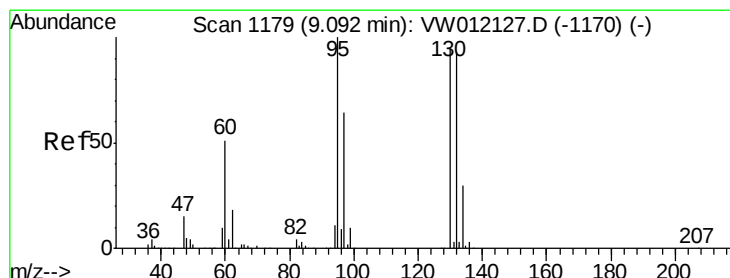
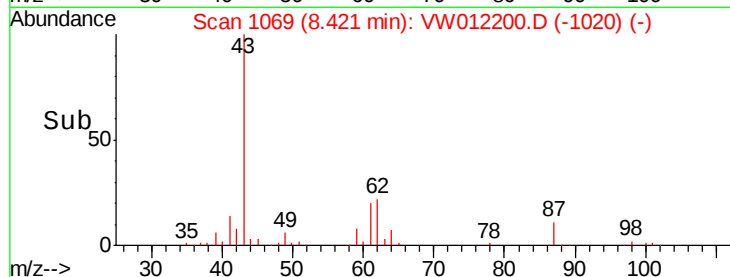
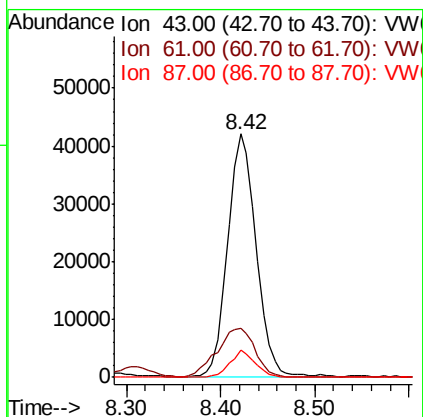
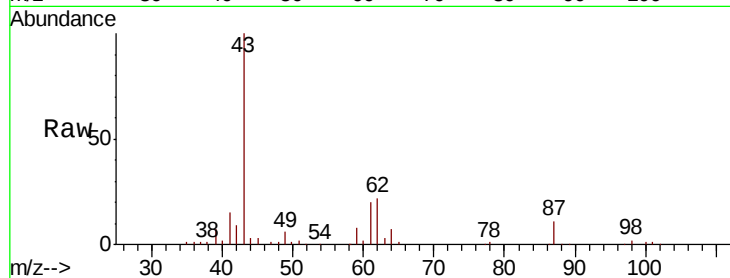




#43
Isopropyl Acetate
Concen: 19.807 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

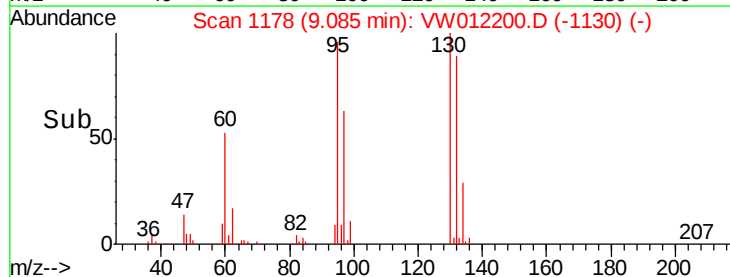
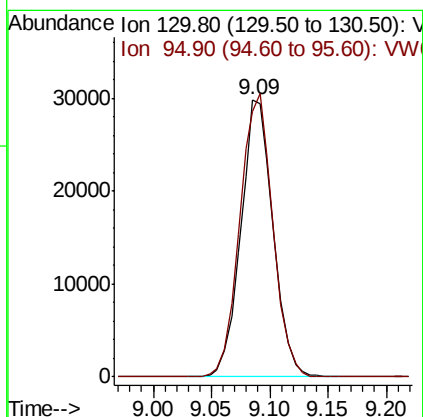
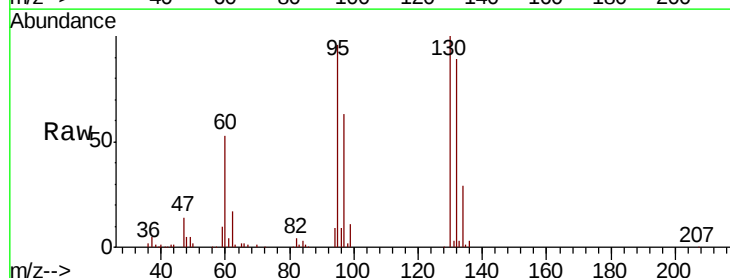
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

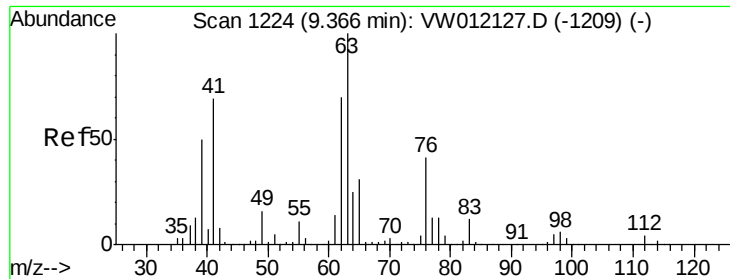
Tgt Ion: 43 Resp: 87932
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 9.9 8.2 12.2



#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 :

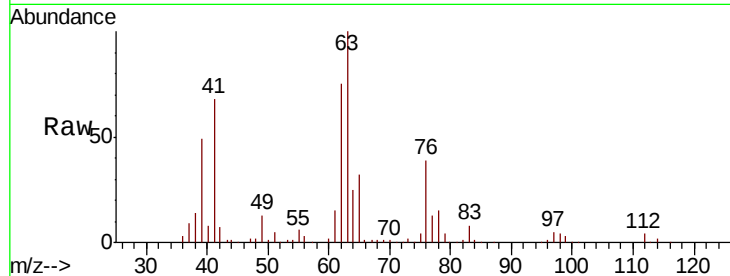
VW0827SBS01

Tgt Ion: 63 Resp: 64590

Ion Ratio Lower Upper

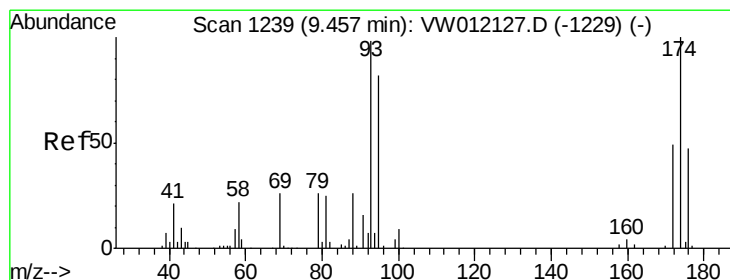
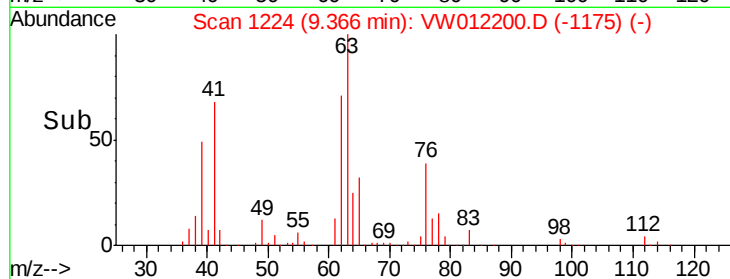
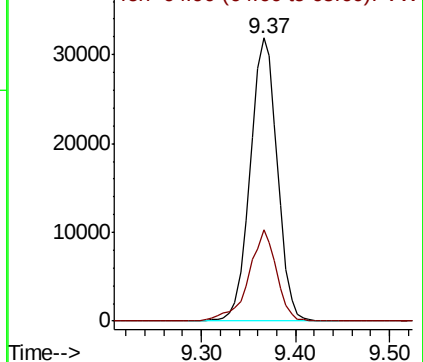
63 100

65 32.1 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#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

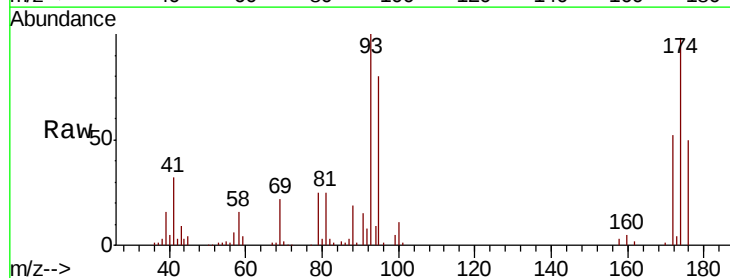
Tgt Ion: 93 Resp: 28297

Ion Ratio Lower Upper

93 100

95 81.1 67.2 100.8

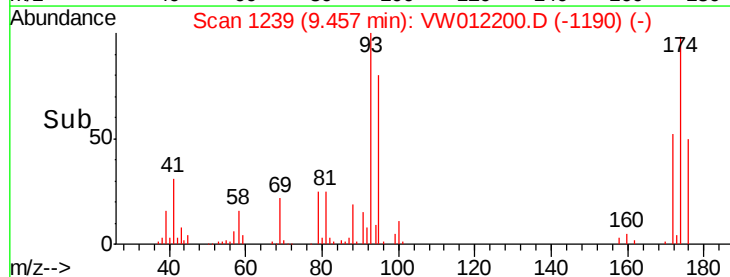
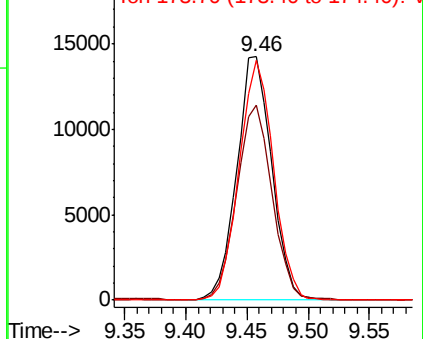
174 96.6 79.0 118.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

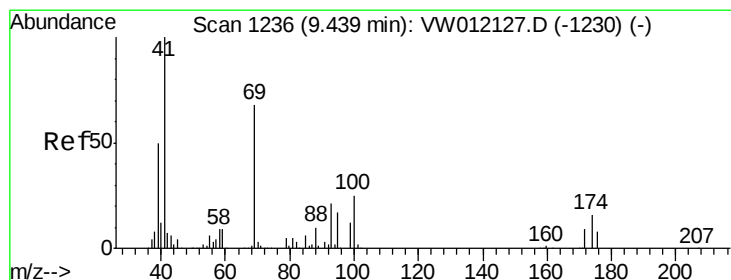
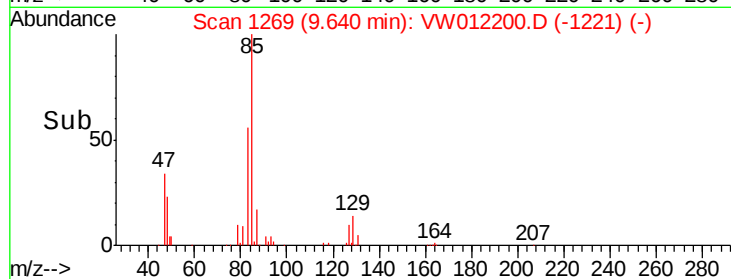
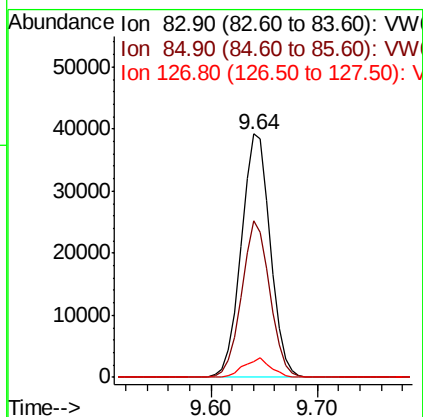
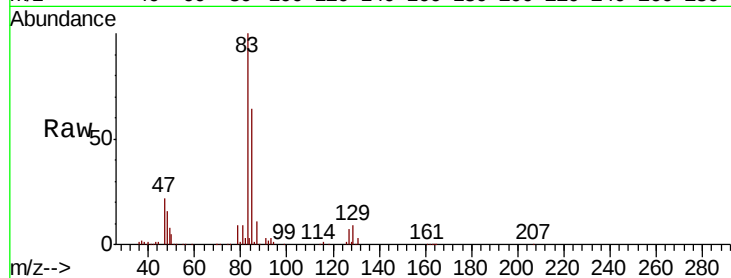




#47
 Bromodichloromethane
 Concen: 19.707 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

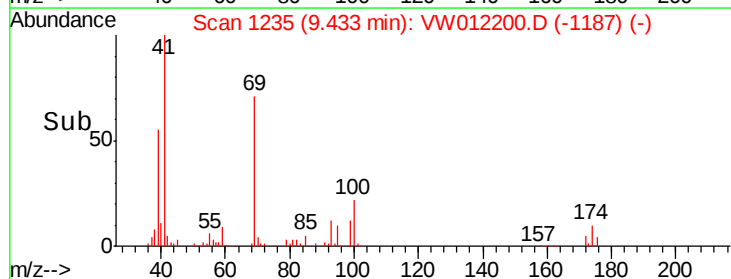
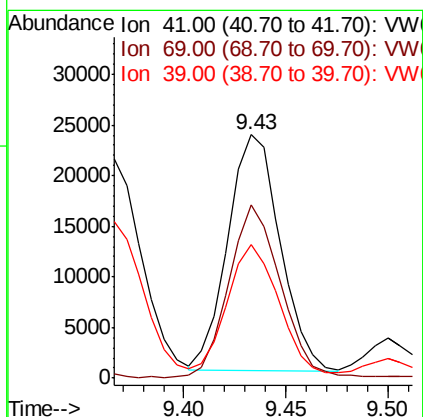
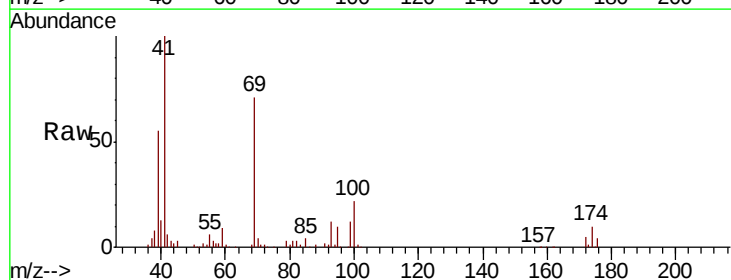
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

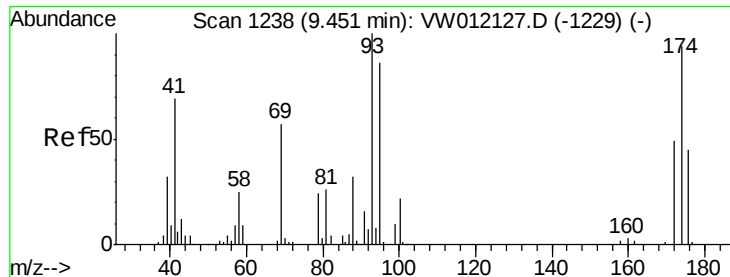
Tgt Ion: 83 Resp: 75002
 Ion Ratio Lower Upper
 83 100
 85 64.1 49.4 74.2
 127 6.6 6.1 9.1



#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

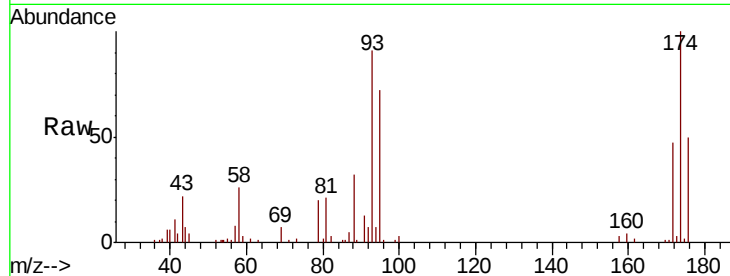




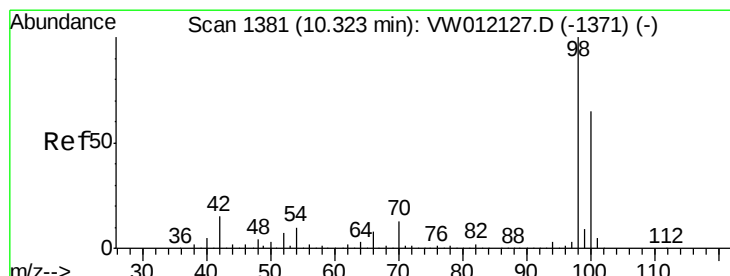
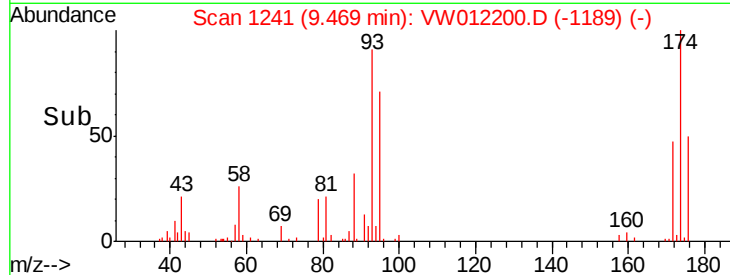
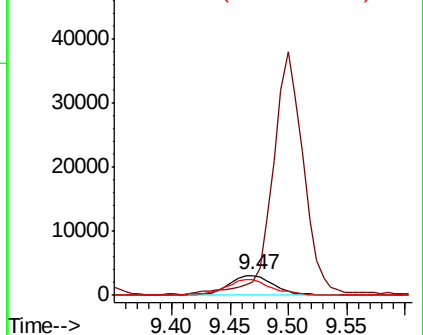
#49
1,4-Dioxane
Concen: 376.256 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

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

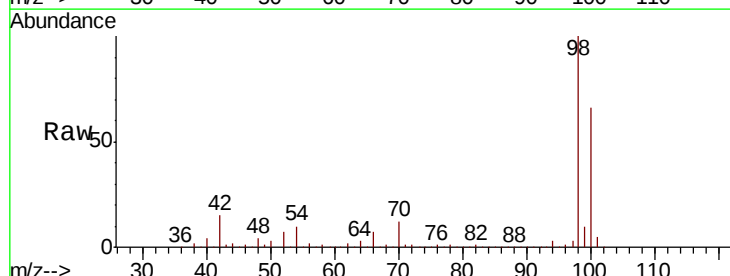


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

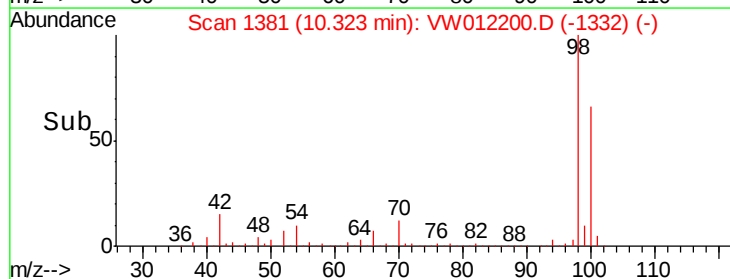
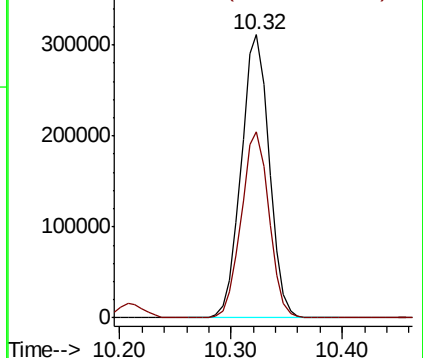


#50
Toluene-d8
Concen: 52.973 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

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

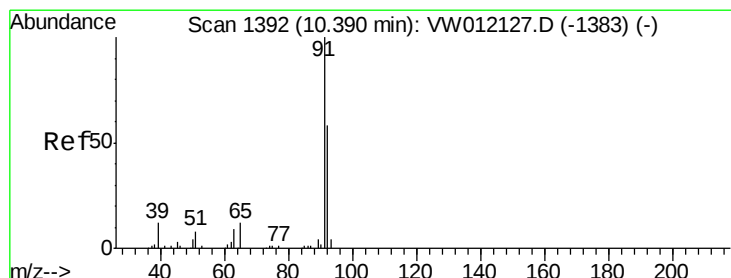
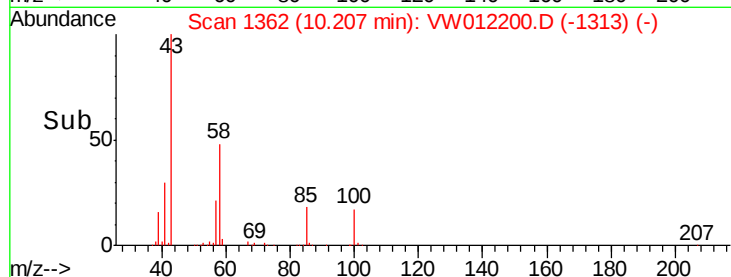
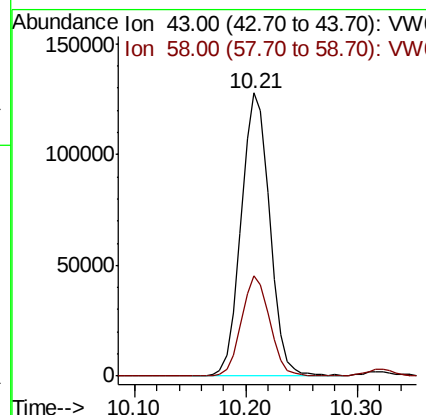
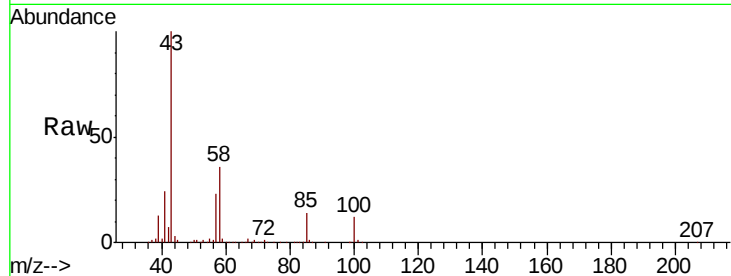




#51
 4-Methyl-2-Pentanone
 Concen: 100.022 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

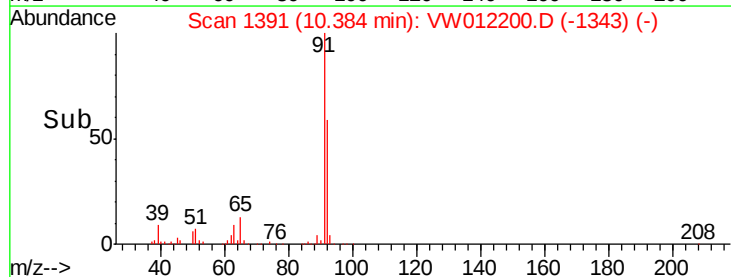
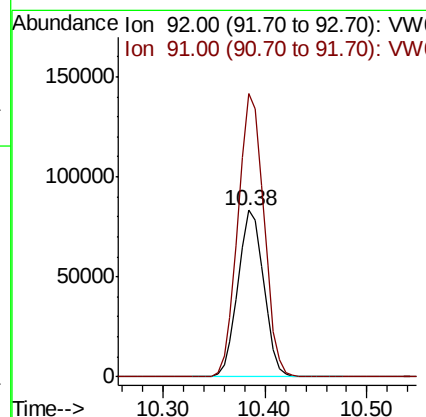
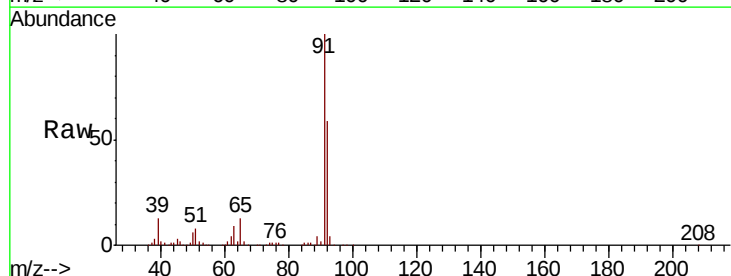
Instrument :
 MSVOA_W
 ClientSampled :
 VW0827SBS01

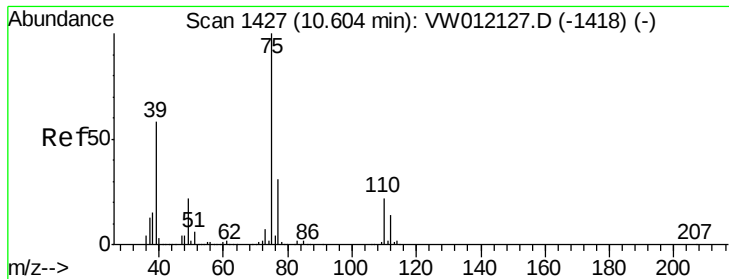
Tgt Ion: 43 Resp: 225849
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2



#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 :

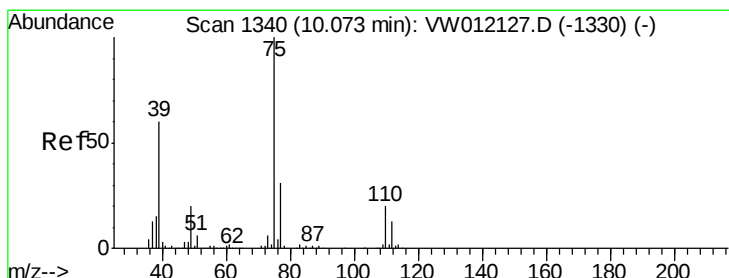
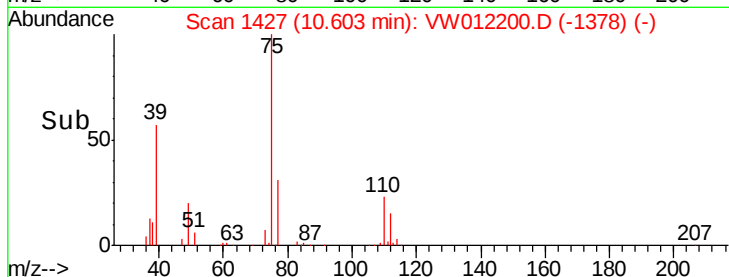
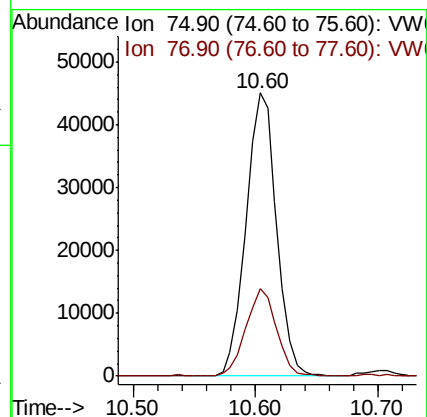
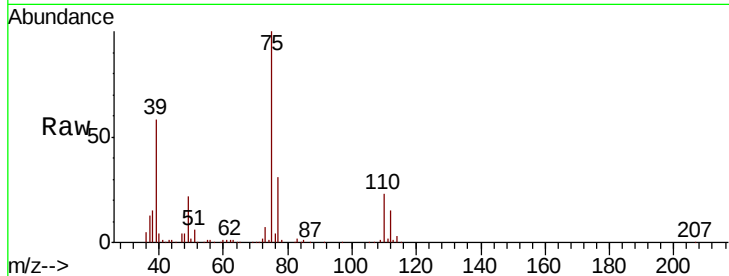
VW0827SBS01

Tgt 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

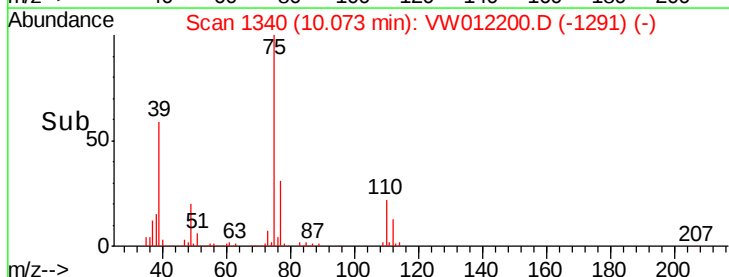
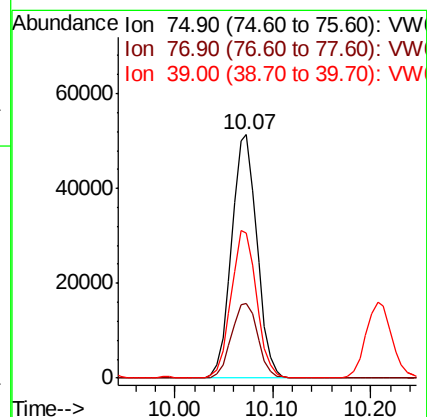
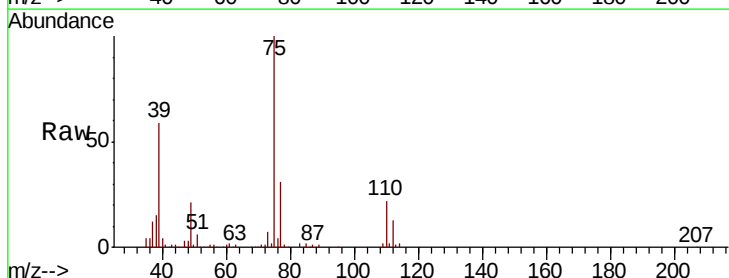
Tgt Ion: 75 Resp: 92746

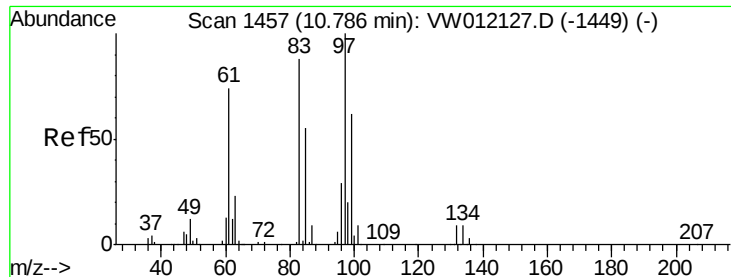
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 59.3 48.3 72.5

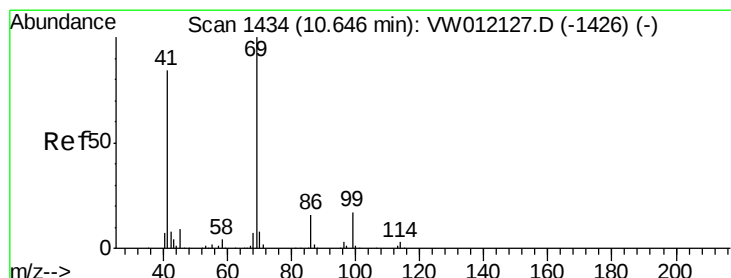
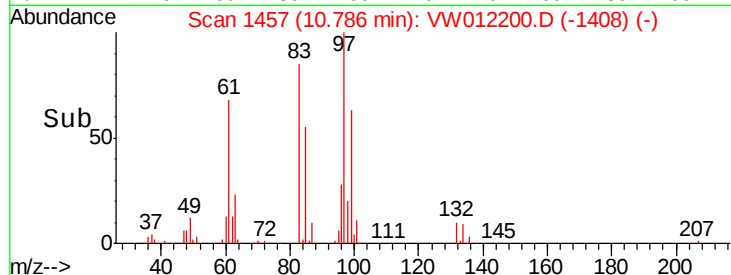
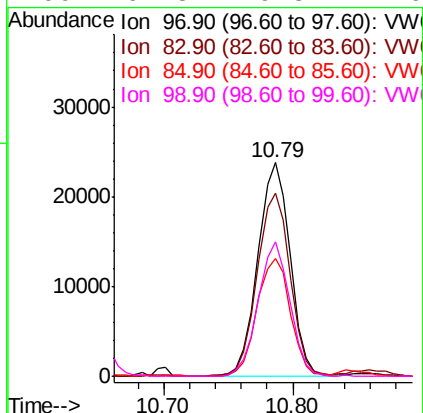
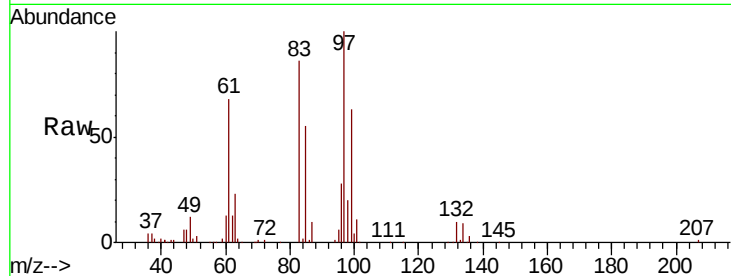




#55
 1,1,2-Trichloroethane
 Concen: 20.302 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

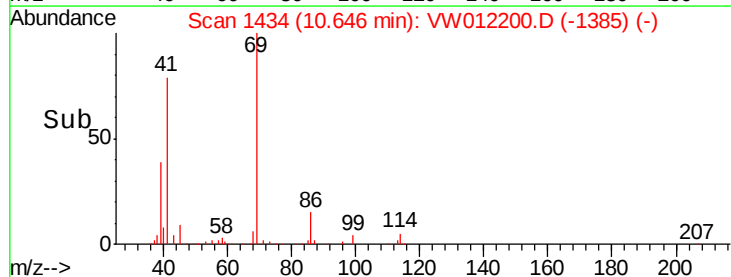
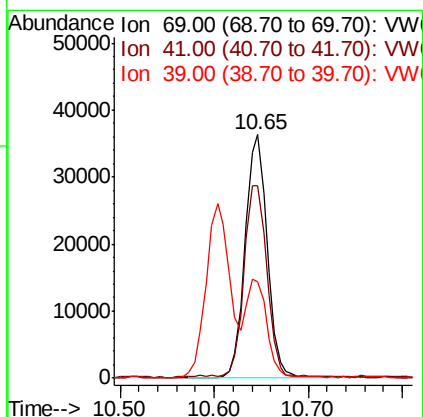
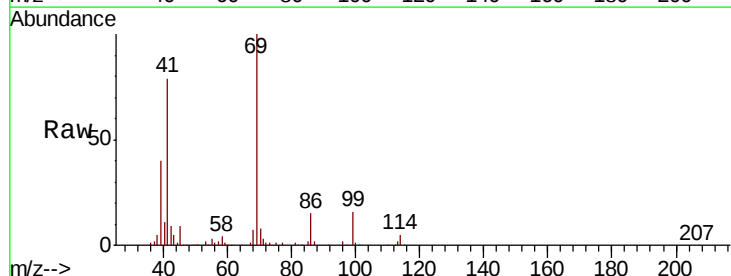
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

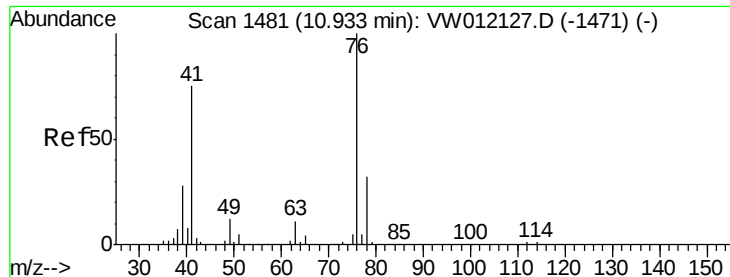
Tgt Ion:	97	Resp:	41077
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.8	106.2
85	54.9	43.8	65.8
99	62.8	49.8	74.6



#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





#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 :

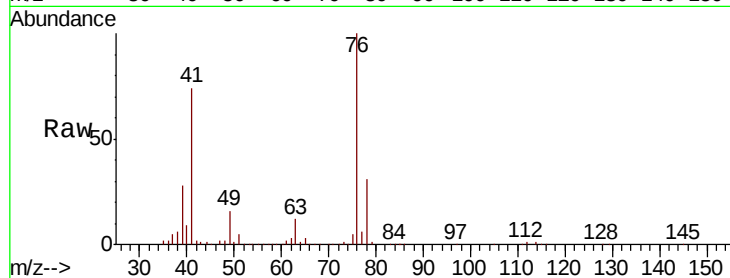
VW0827SBS01

Tgt Ion: 76 Resp: 76846

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

50000

40000

30000

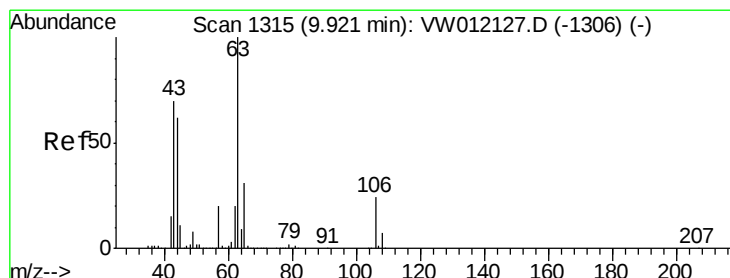
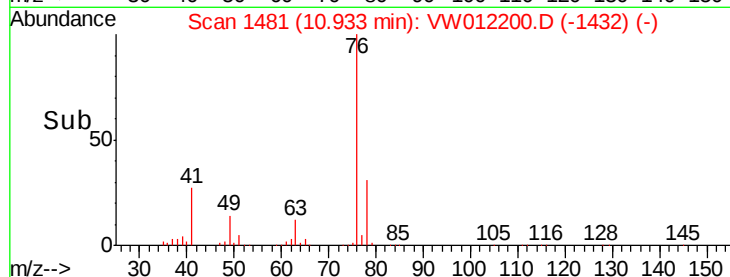
20000

10000

0

Time-->

10.90 11.00



#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

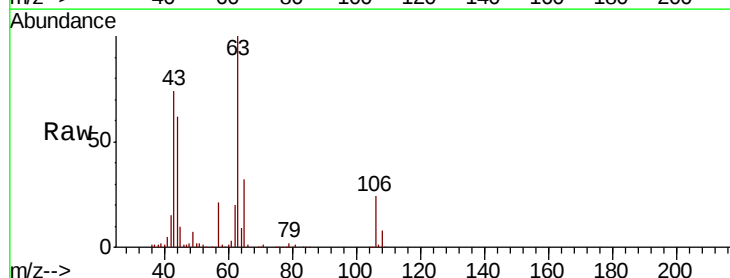
Acq: 27 Aug 2019 09:47

Tgt Ion: 63 Resp: 156109

Ion Ratio Lower Upper

63 100

106 24.6 19.8 29.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

100000

80000

60000

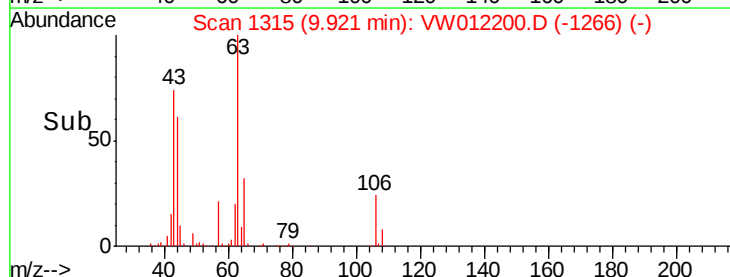
40000

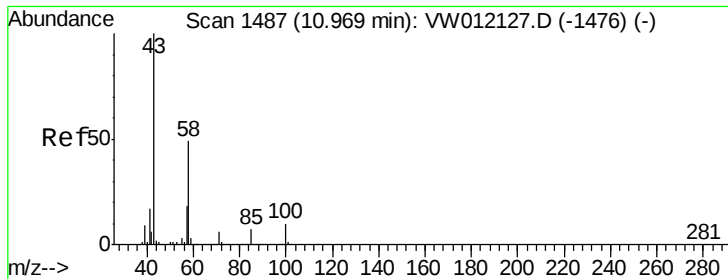
20000

0

Time-->

9.80 9.90 10.00

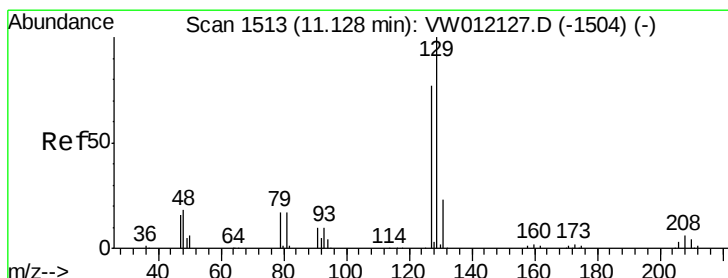
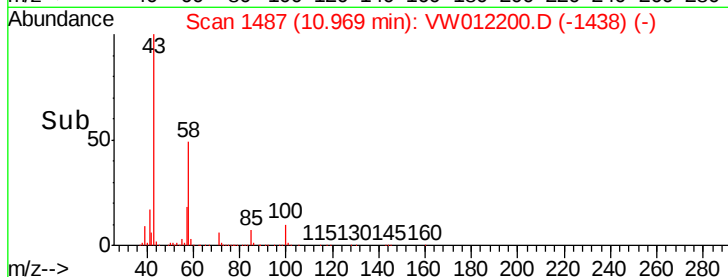
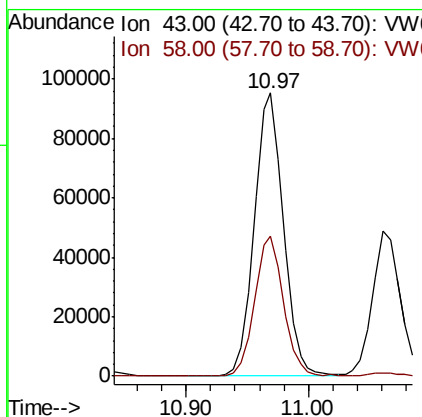
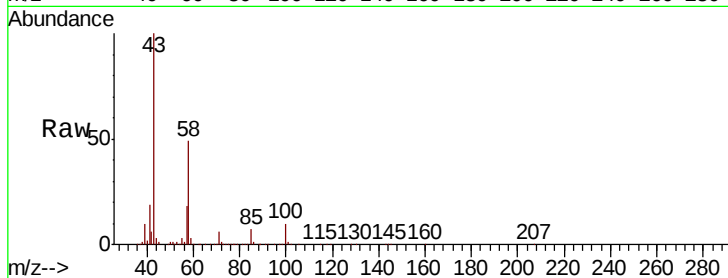




#59
2-Hexanone
Concen: 98.964 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

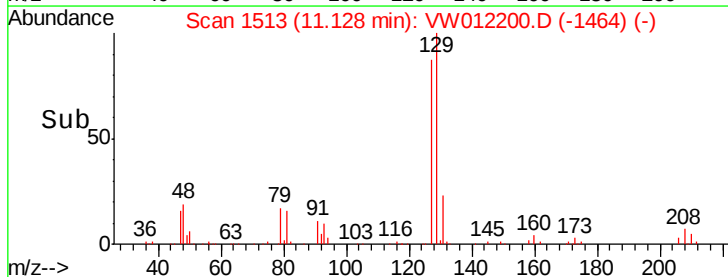
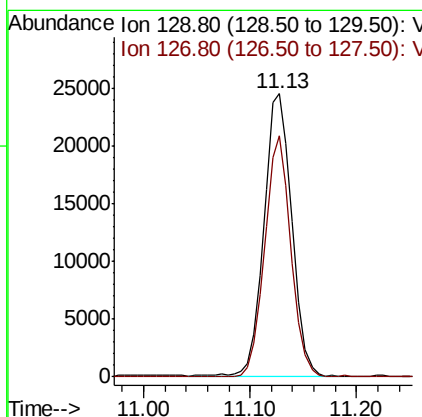
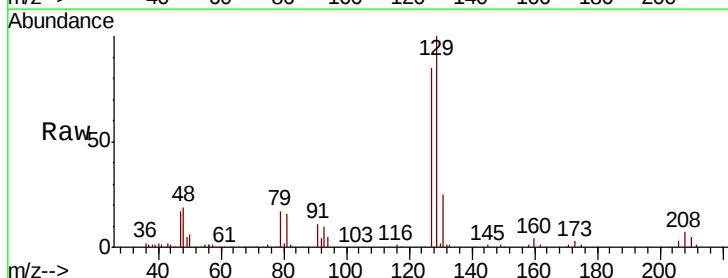
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

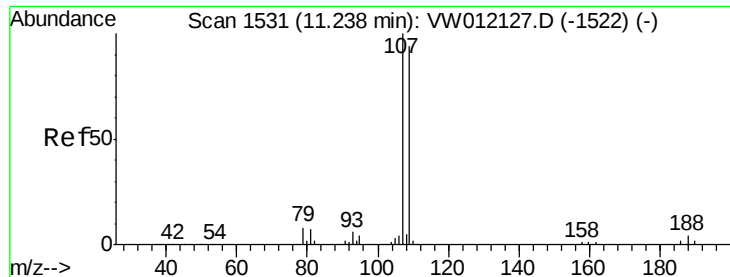
Tgt Ion: 43 Resp: 158112
Ion Ratio Lower Upper
43 100
58 49.0 24.3 72.9



#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





#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 :

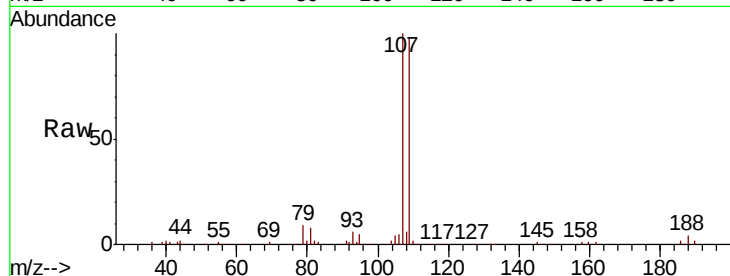
VW0827SBS01

Tgt Ion: 107 Resp: 38178

Ion Ratio Lower Upper

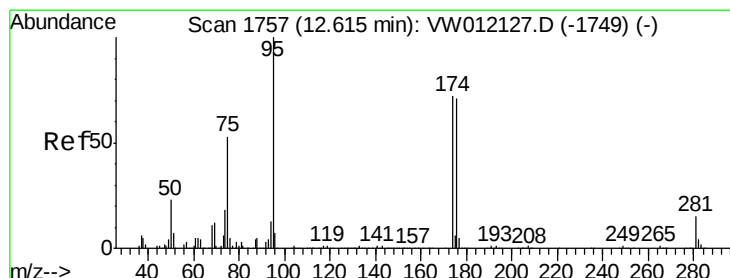
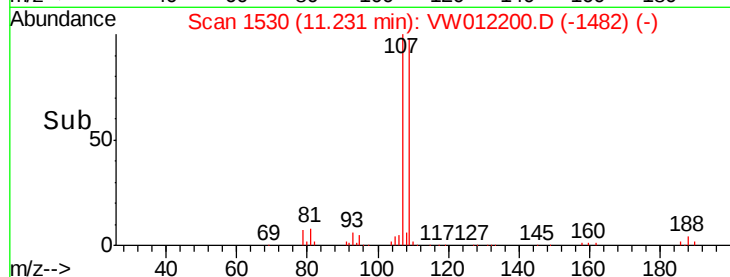
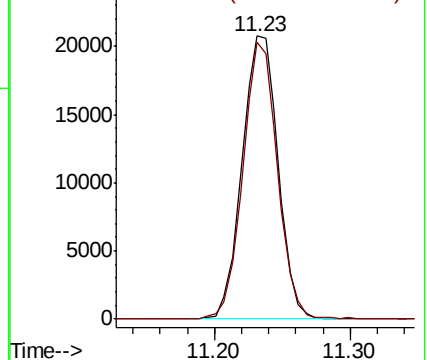
107 100

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

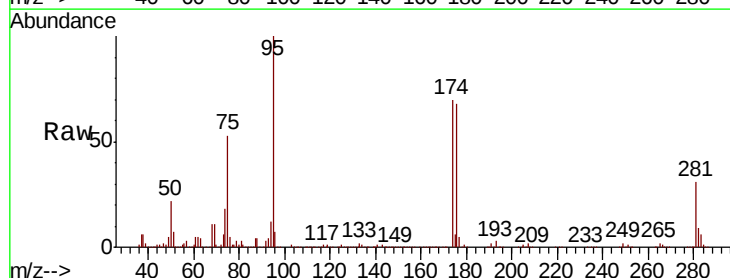
Tgt Ion: 95 Resp: 193401

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.8

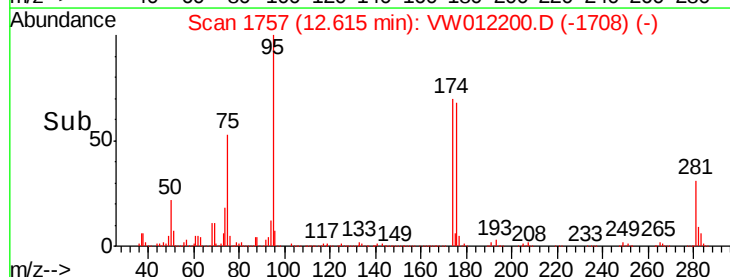
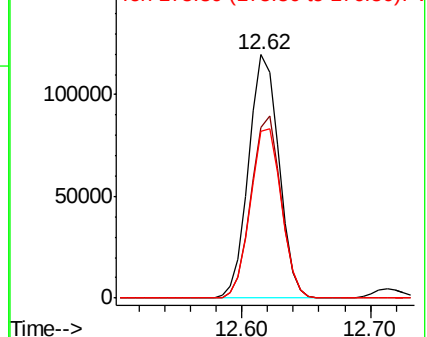
176 71.6 0.0 148.6

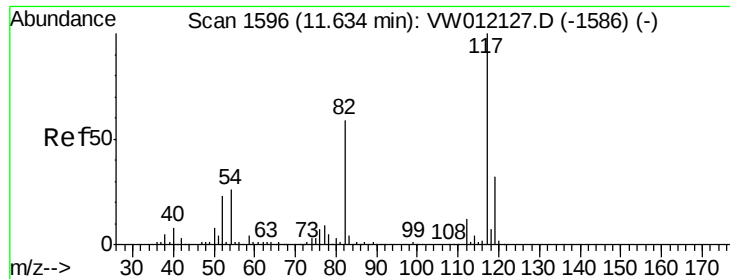


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

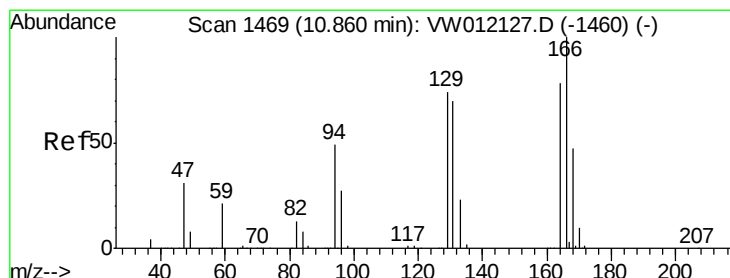
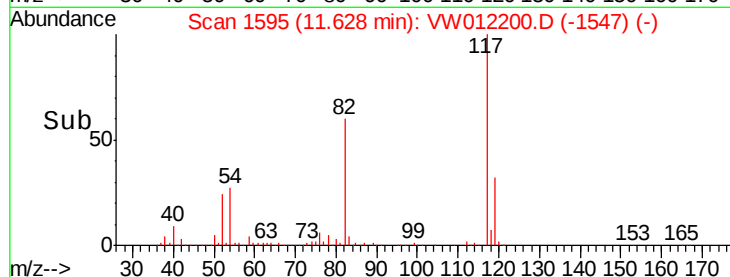
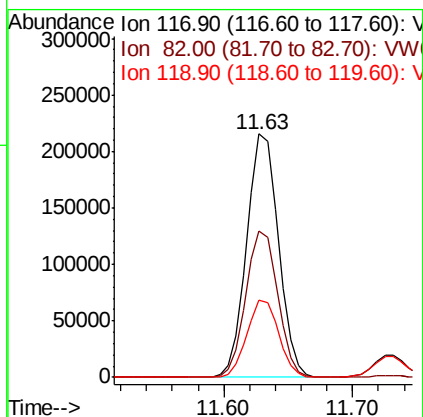
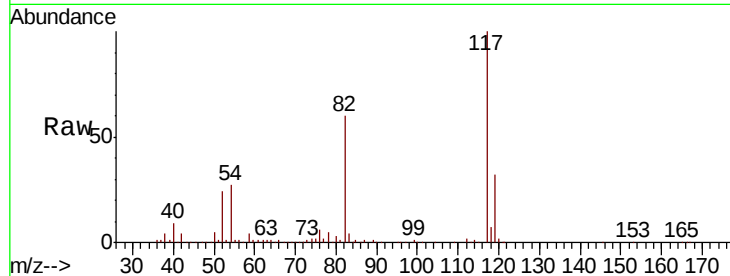




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

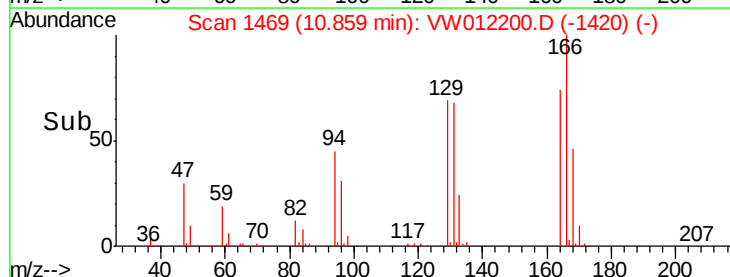
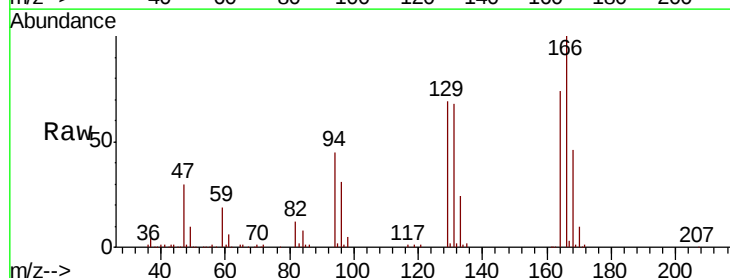
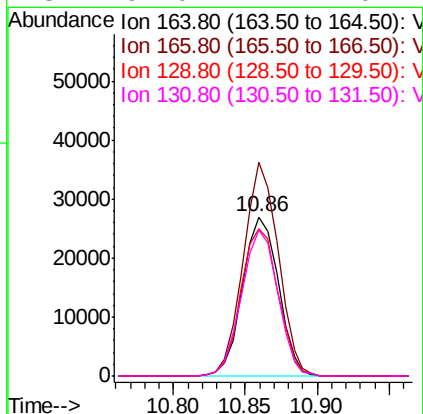
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

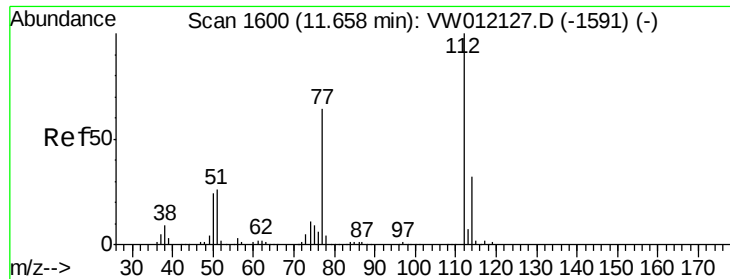
Tgt Ion:117 Resp: 366531
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.9 25.4 38.2



#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

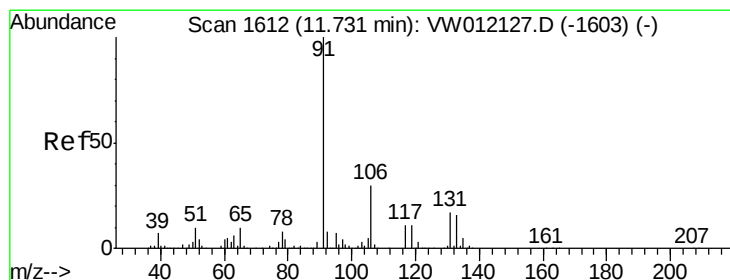
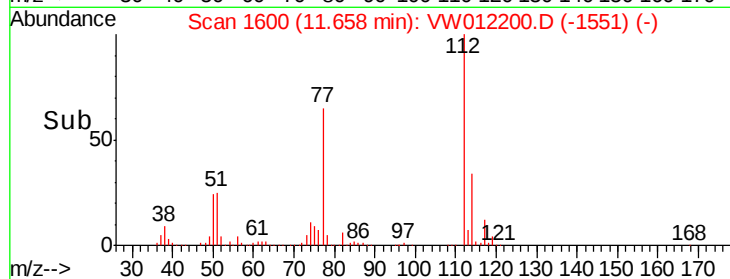
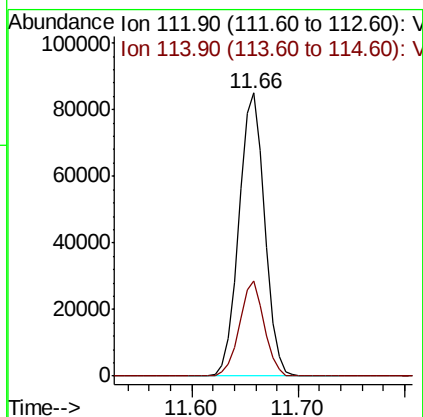
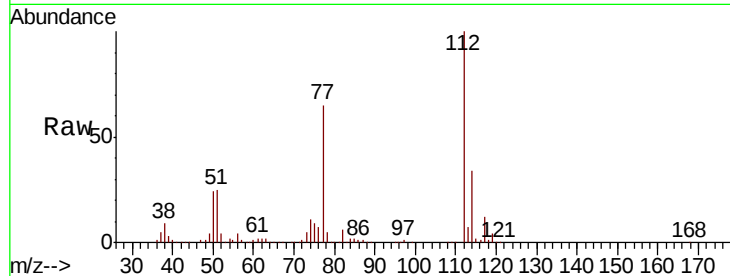




#65
Chlorobenzene
Concen: 20.005 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

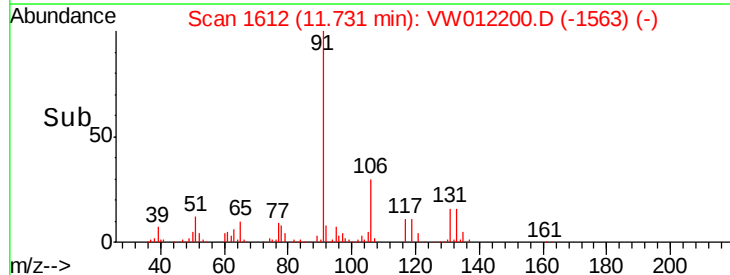
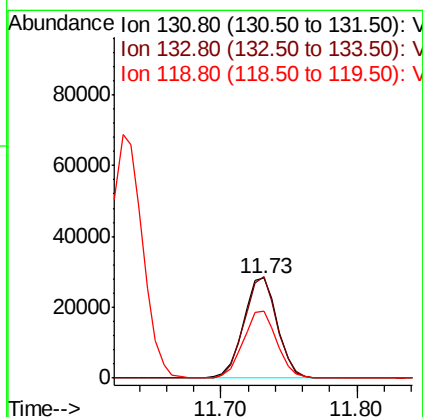
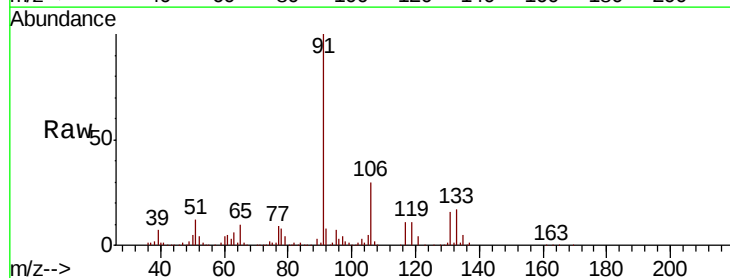
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

Tgt 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

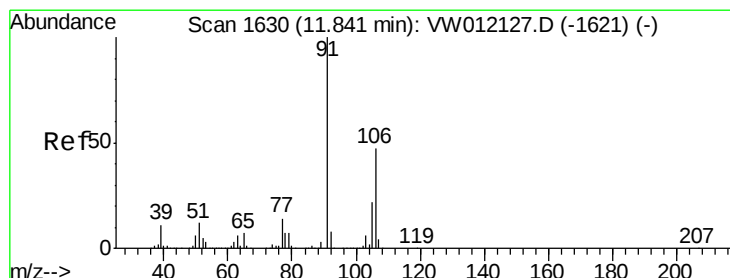
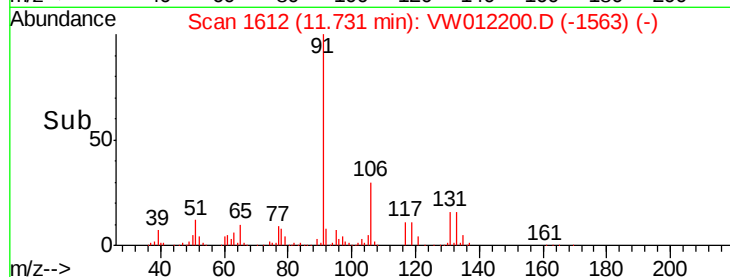
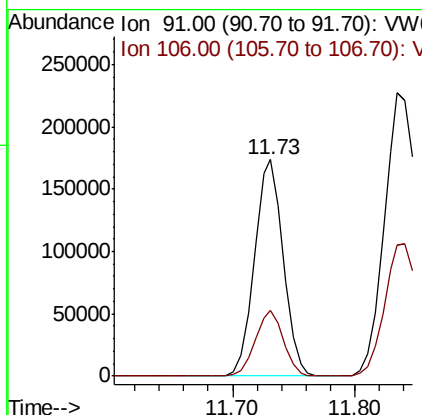
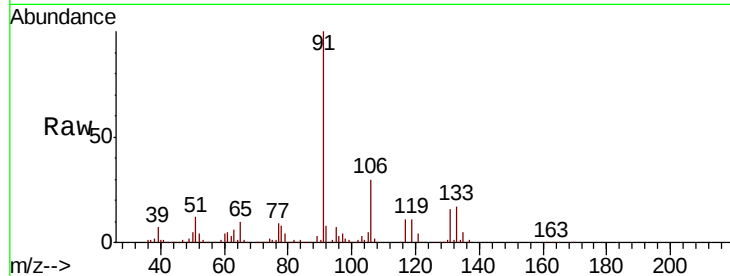




#67
Ethyl Benzene
Concen: 20.375 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

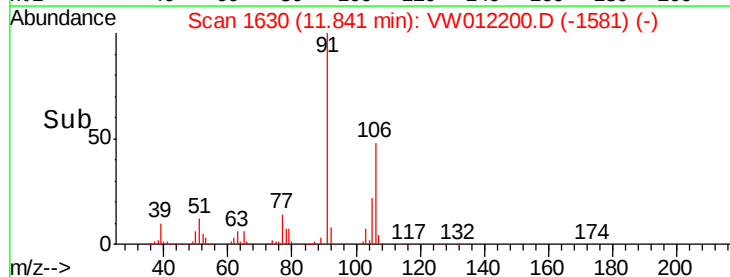
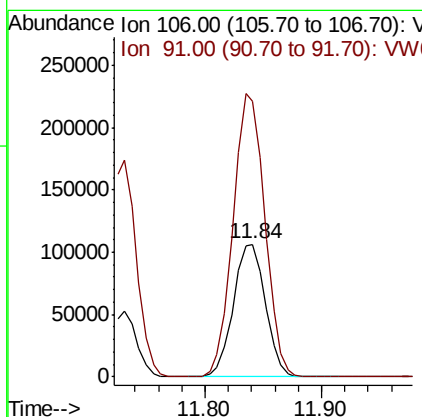
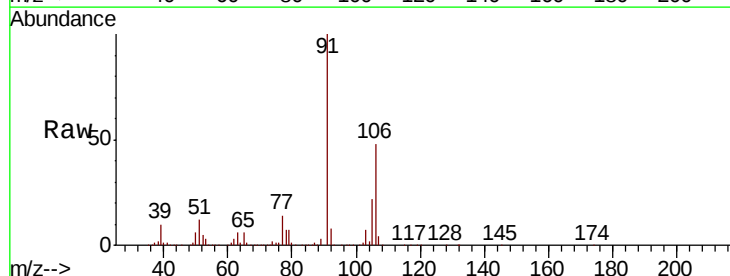
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

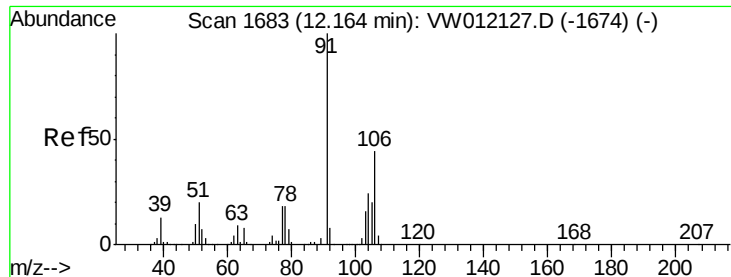
Tgt Ion: 91 Resp: 283268
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#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

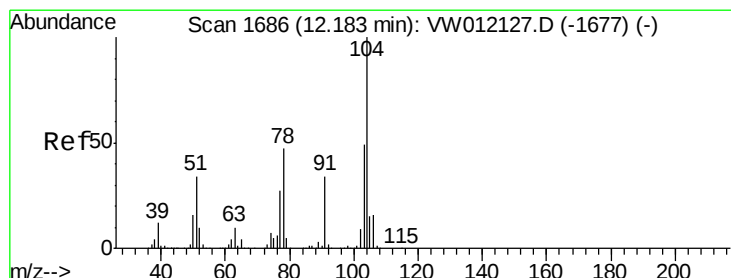
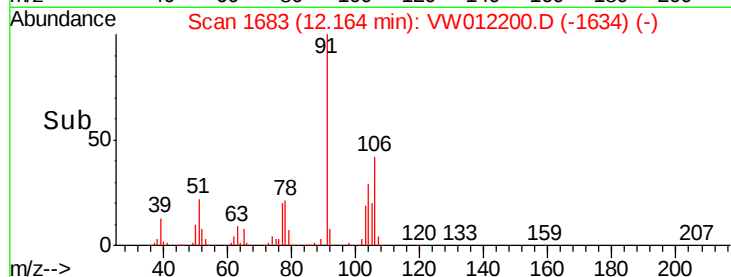
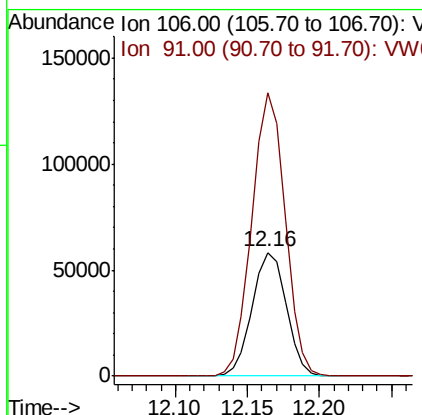
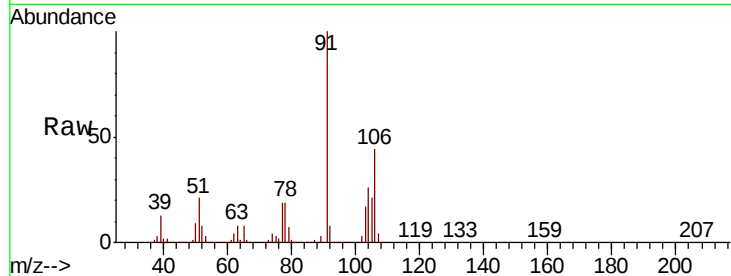




#69
o-Xylene
Concen: 20.584 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

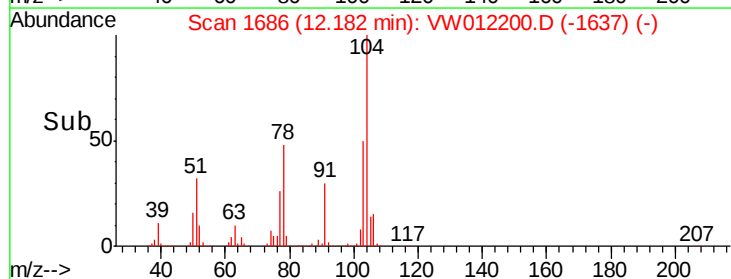
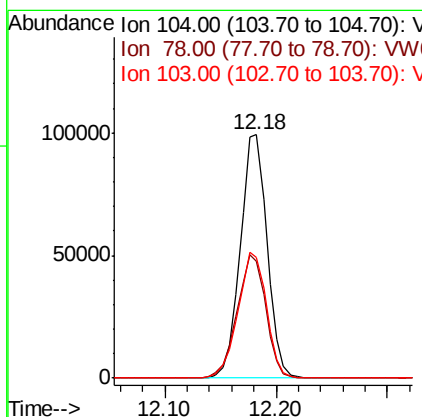
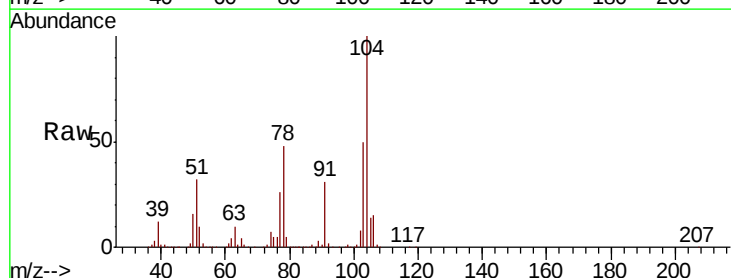
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

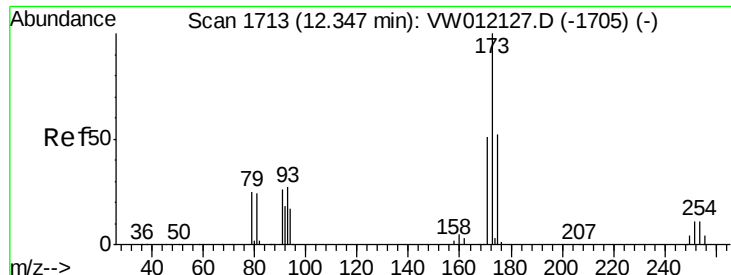
Tgt Ion:106 Resp: 95407
Ion Ratio Lower Upper
106 100
91 224.3 111.6 334.6



#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

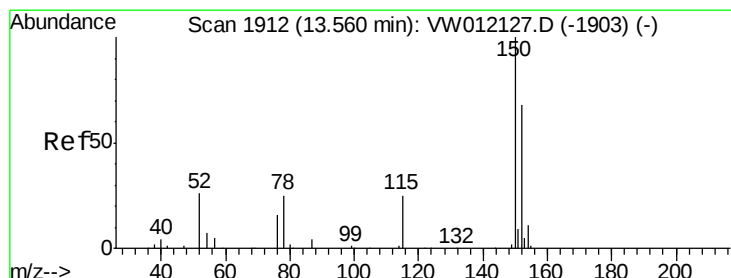
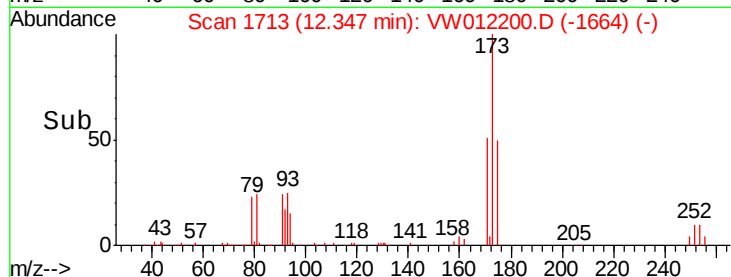
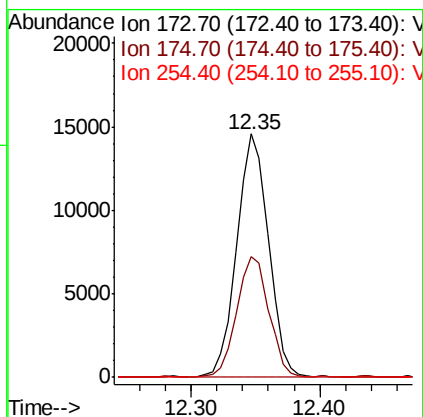
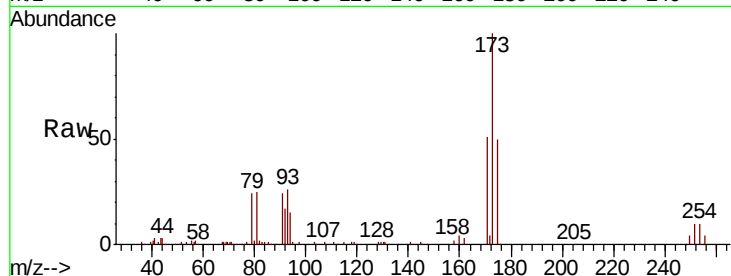




#71
Bromoform
Concen: 19.844 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

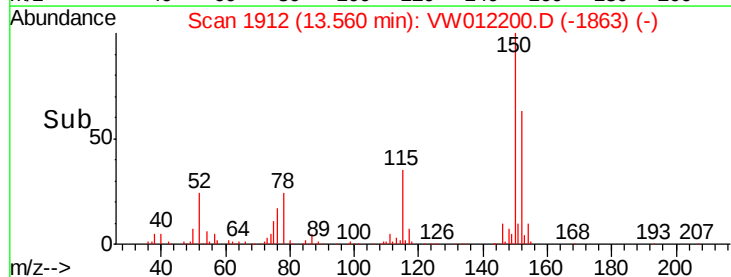
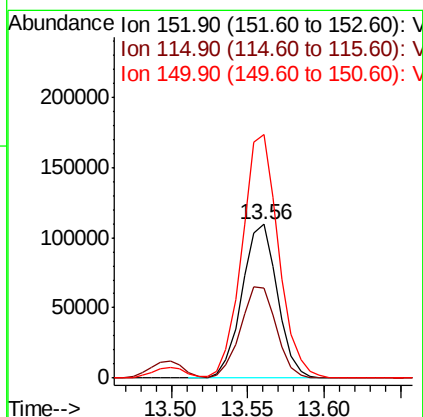
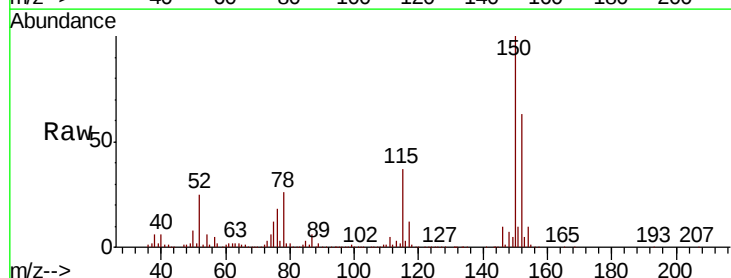
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

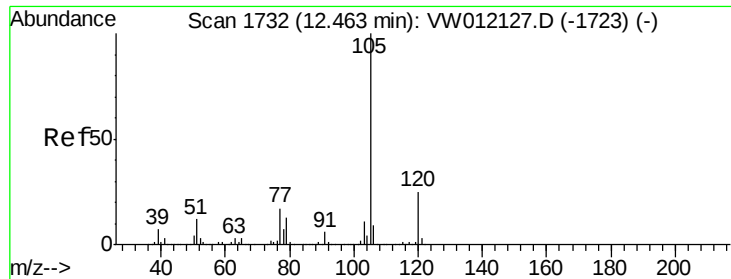
Tgt Ion:173 Resp: 24893
Ion Ratio Lower Upper
173 100
175 50.1 24.6 74.0
254 0.0 0.2 0.2#



#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





#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 :

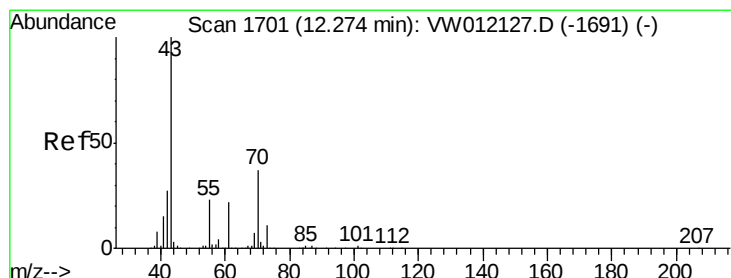
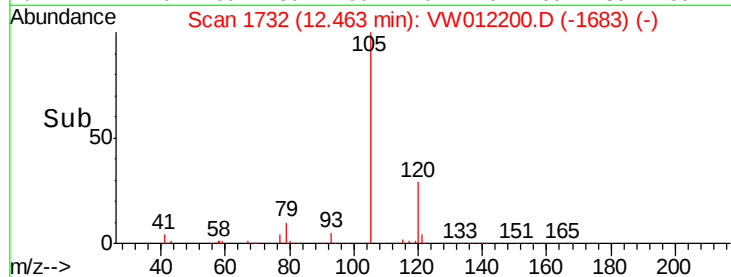
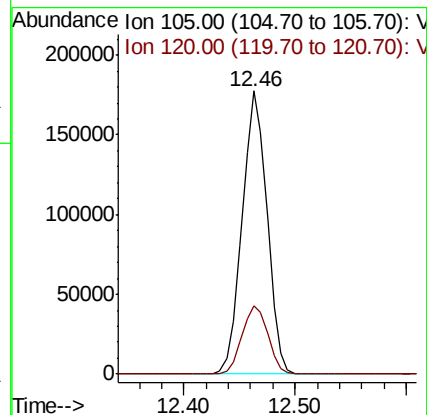
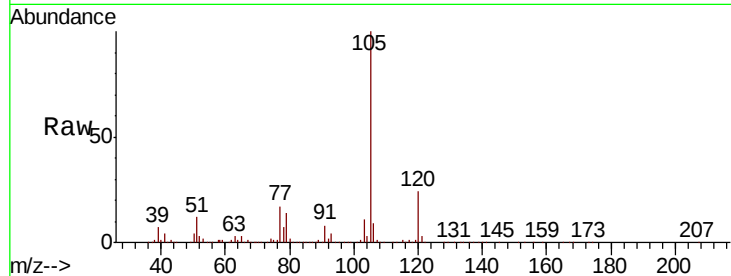
VW0827SBS01

Tgt Ion: 105 Resp: 274412

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#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

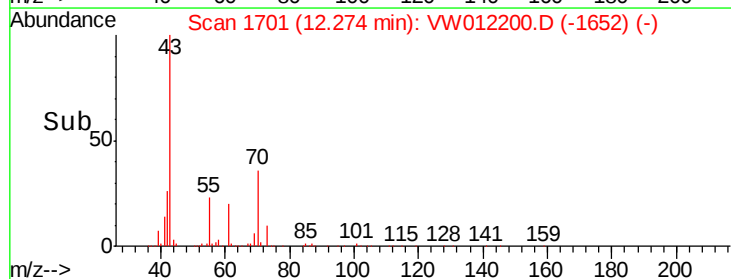
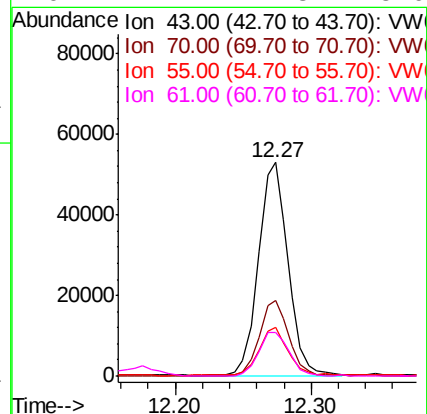
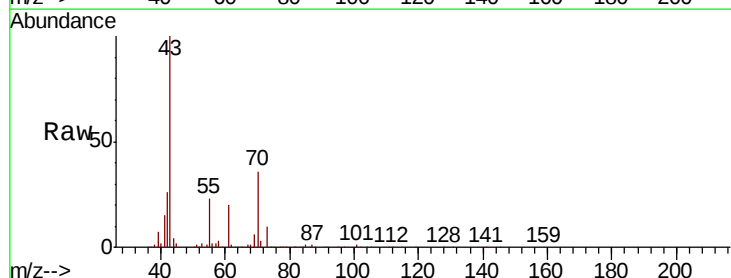
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 22.1 17.8 26.6

61 21.4 17.3 25.9





#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

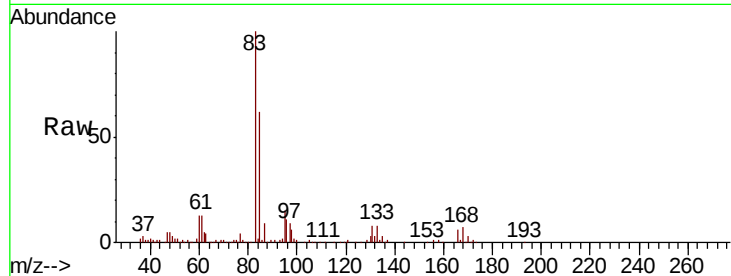
Tgt Ion: 83 Resp: 48344

Ion Ratio Lower Upper

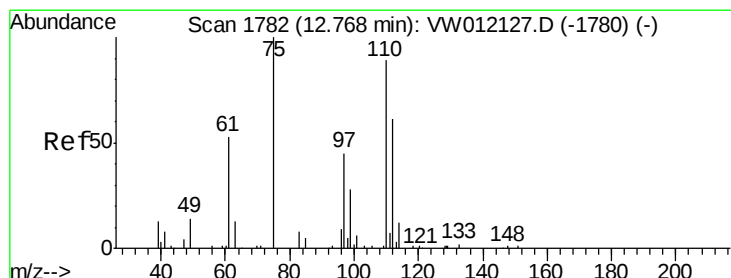
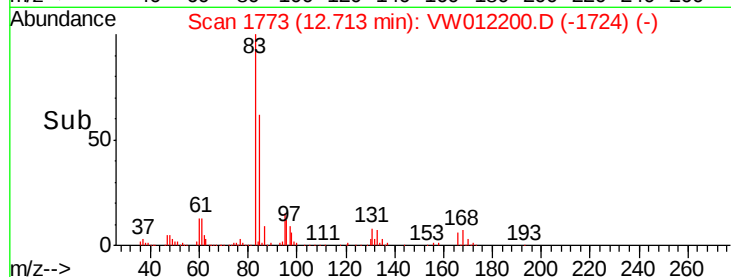
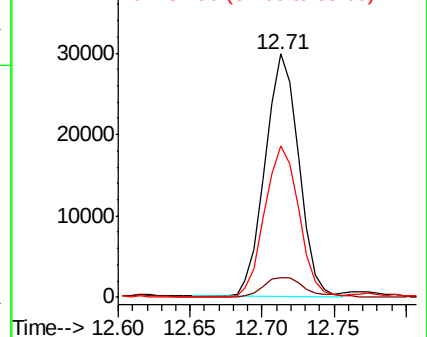
83 100

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): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.481 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012200.D

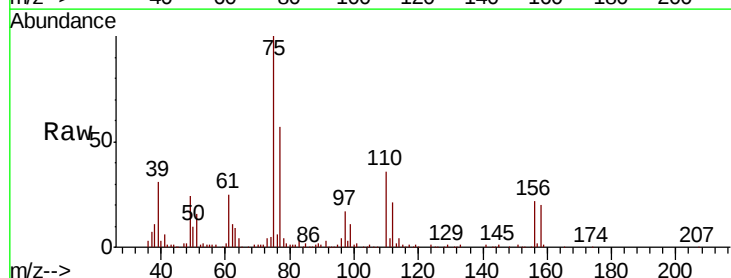
Acq: 27 Aug 2019 09:47

Tgt Ion: 75 Resp: 63917

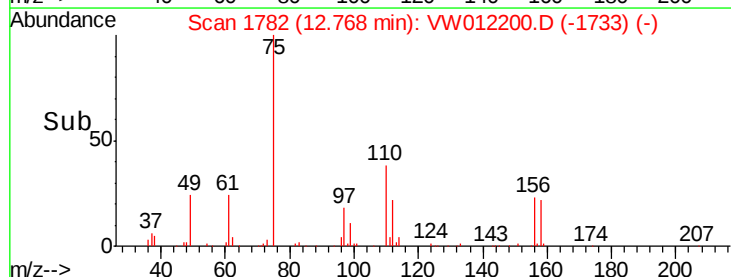
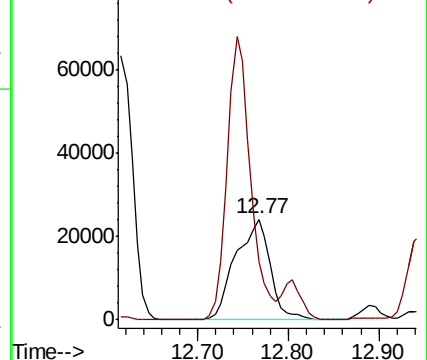
Ion Ratio Lower Upper

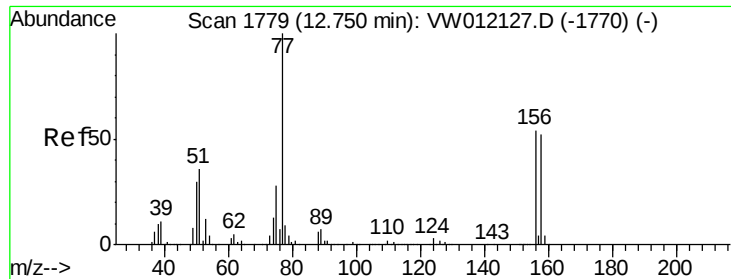
75 100

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

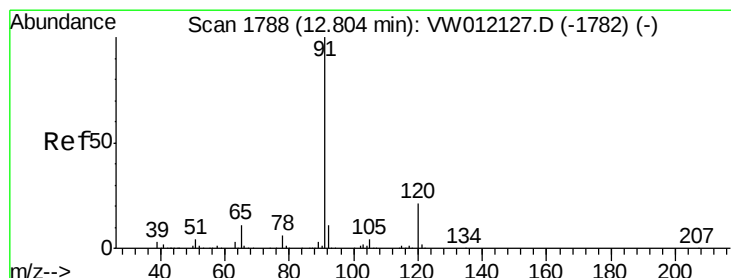
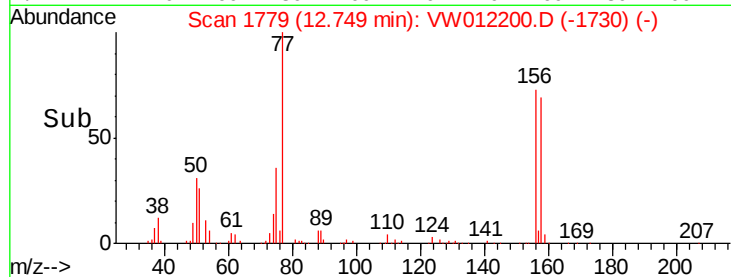
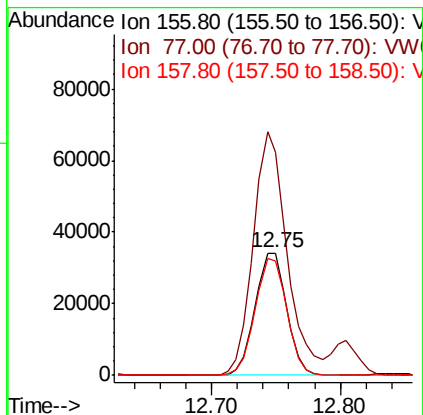
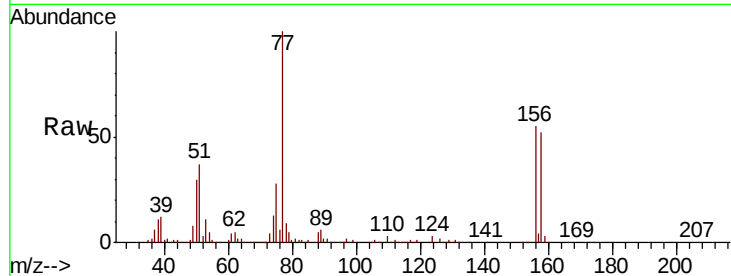
Tgt Ion:156 Resp: 57930

Ion Ratio Lower Upper

156 100

77 211.8 107.3 321.8

158 95.5 49.0 147.0



#78

n-propylbenzene

Concen: 20.831 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012200.D

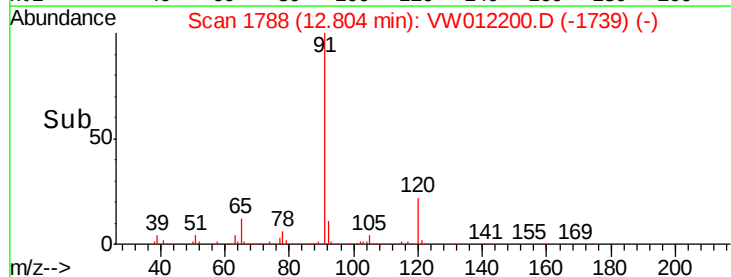
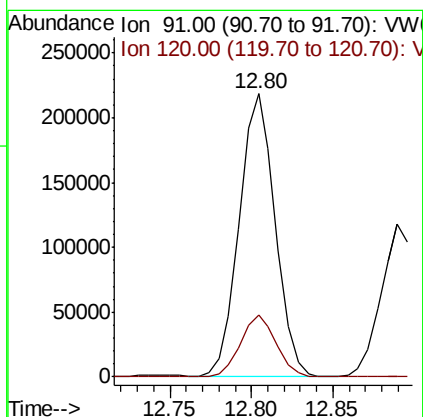
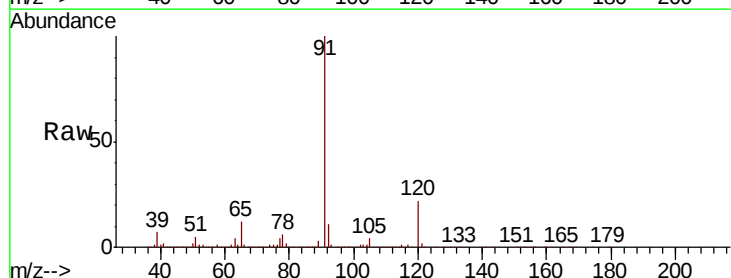
Acq: 27 Aug 2019 09:47

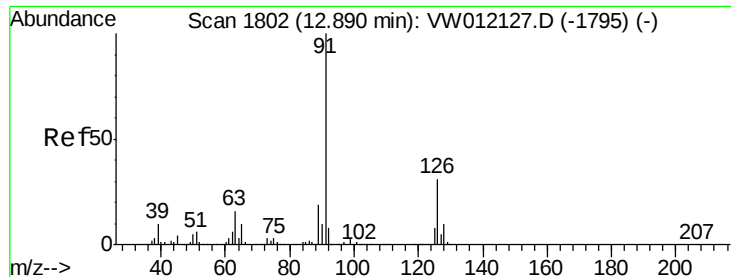
Tgt Ion: 91 Resp: 333662

Ion Ratio Lower Upper

91 100

120 21.6 10.5 31.6





#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 :

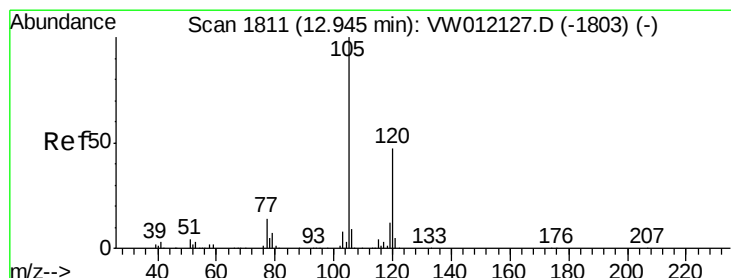
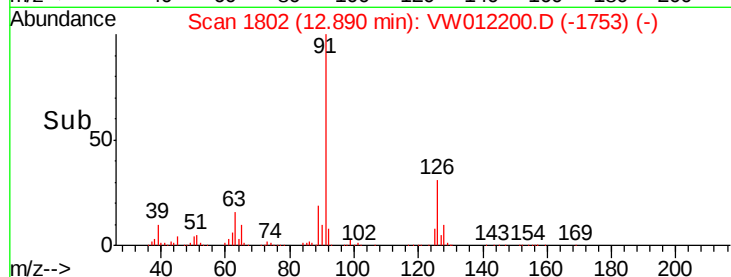
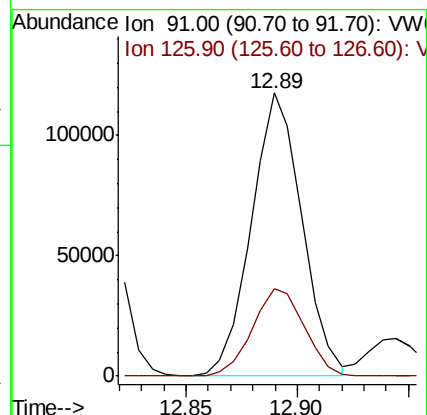
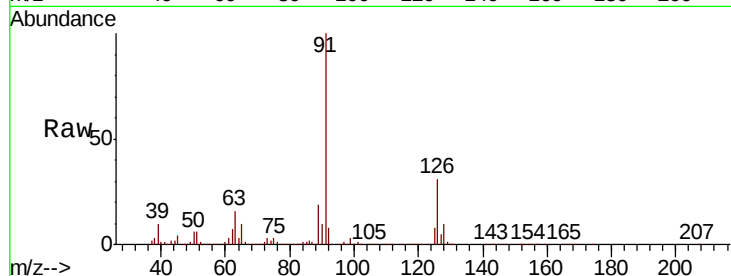
VW0827SBS01

Tgt 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

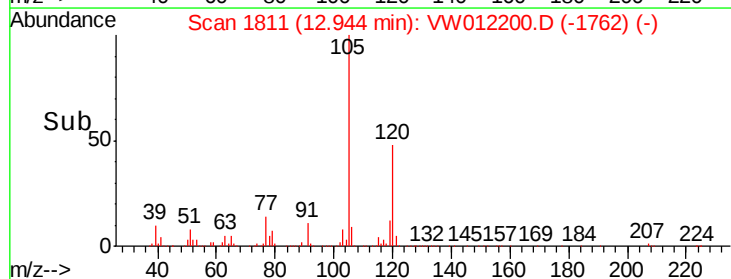
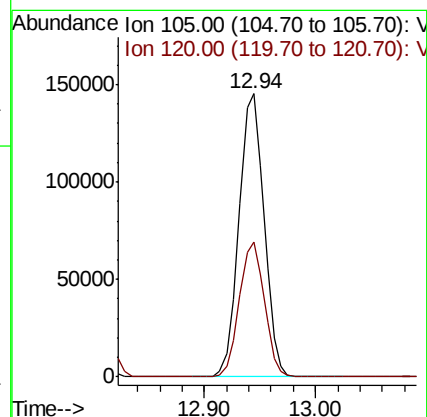
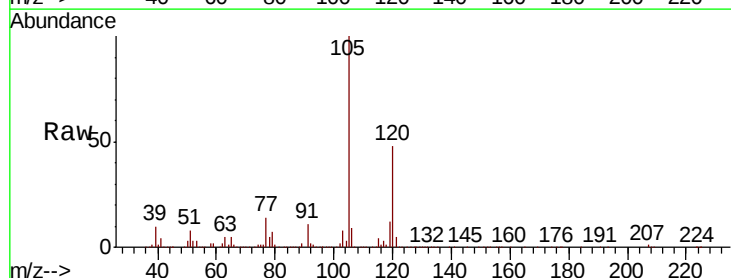
Acq: 27 Aug 2019 09:47

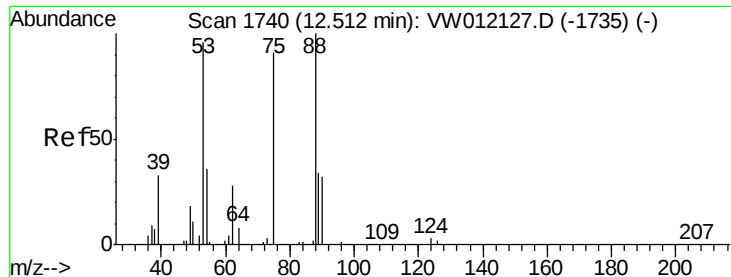
Tgt Ion: 105 Resp: 225965

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

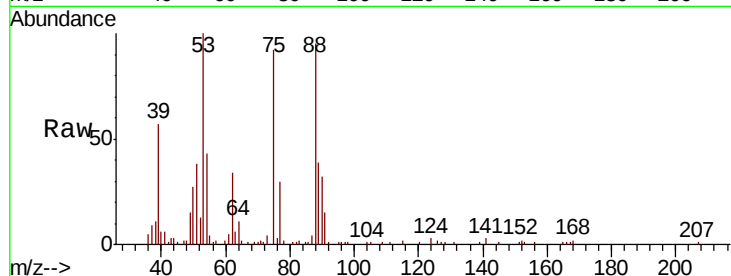
Tgt Ion: 75 Resp: 15534

Ion Ratio Lower Upper

75 100

53 108.0 89.4 134.0

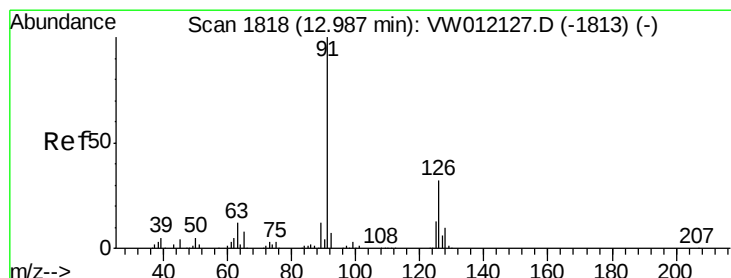
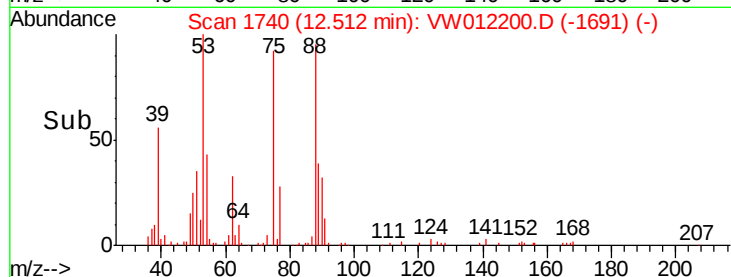
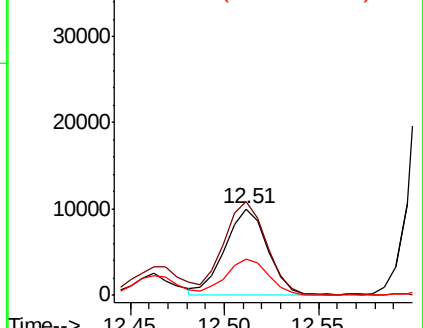
89 42.8 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.588 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012200.D

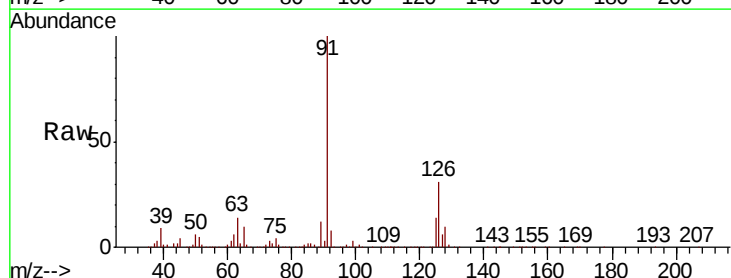
Acq: 27 Aug 2019 09:47

Tgt Ion: 91 Resp: 196038

Ion Ratio Lower Upper

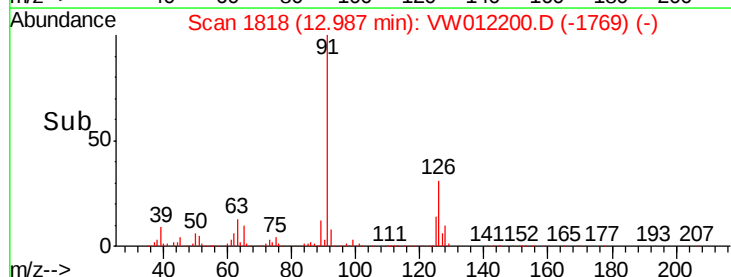
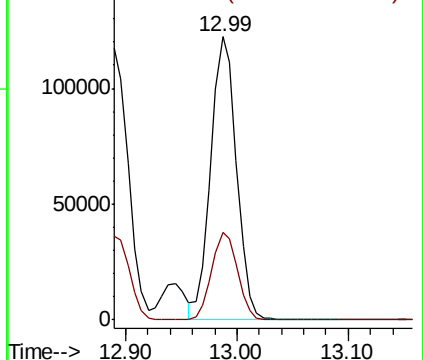
91 100

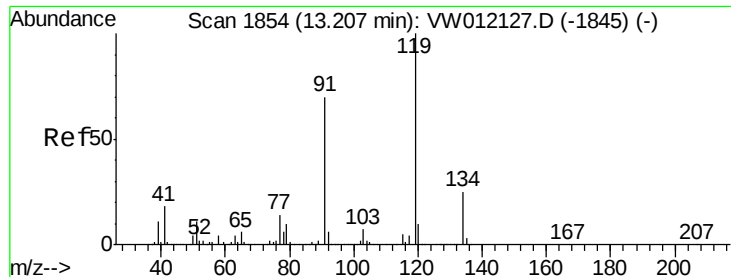
126 31.3 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

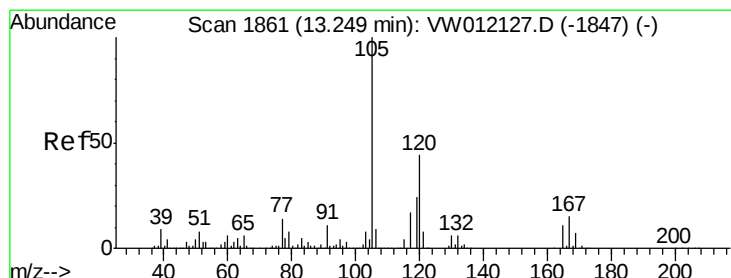
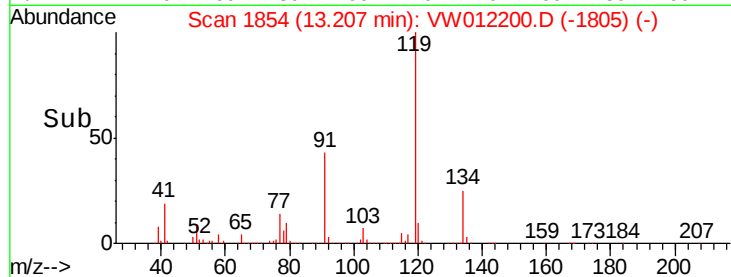
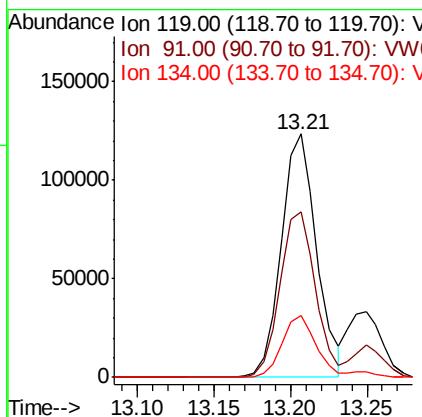
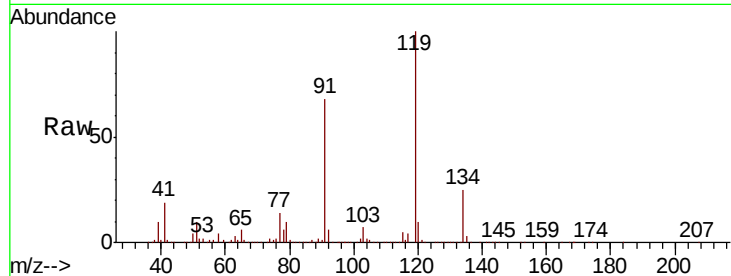




#83
 tert-Butylbenzene
 Concen: 21.166 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

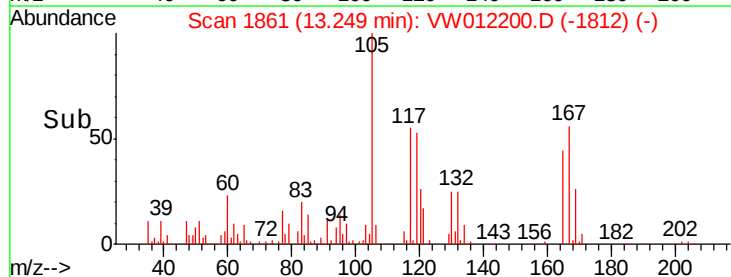
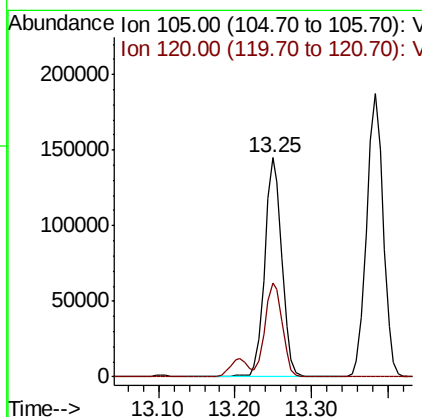
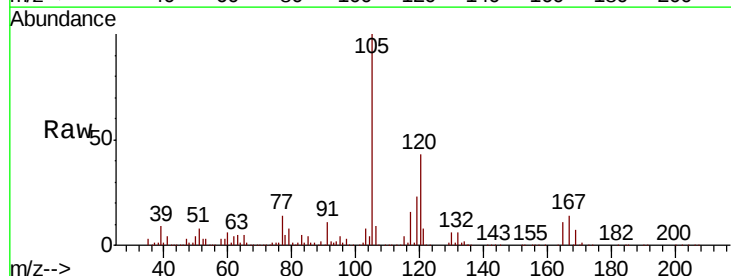
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

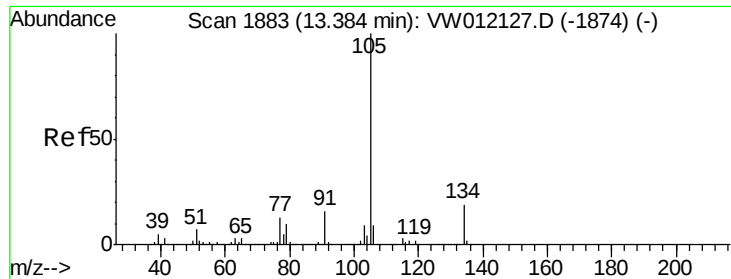
Tgt Ion:119 Resp: 196563
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.8 104.3
 134 24.9 13.3 39.8



#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 :

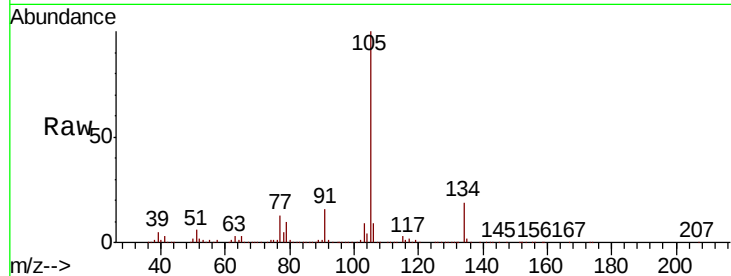
VW0827SBS01

Tgt Ion:105 Resp: 281353

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

200000

150000

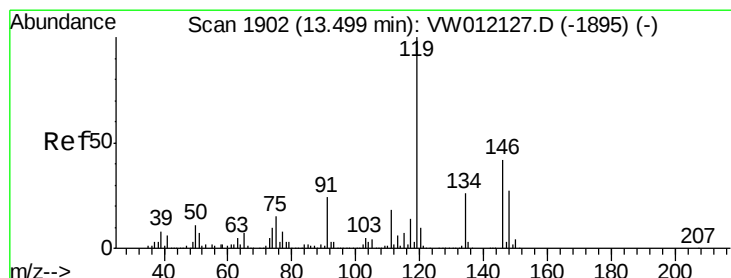
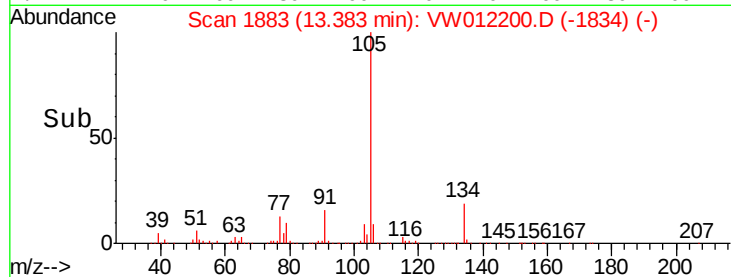
100000

50000

0

Time-->

13.30 13.35 13.40 13.45



#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

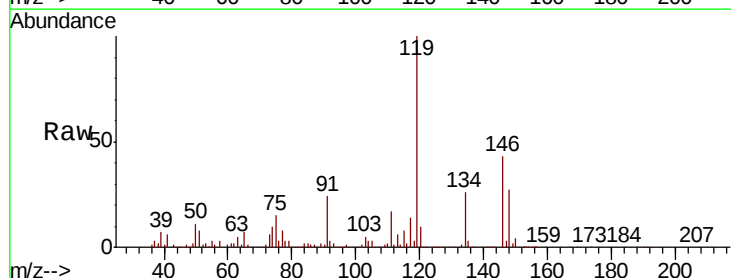
Tgt Ion:119 Resp: 252597

Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 24.3 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

200000

150000

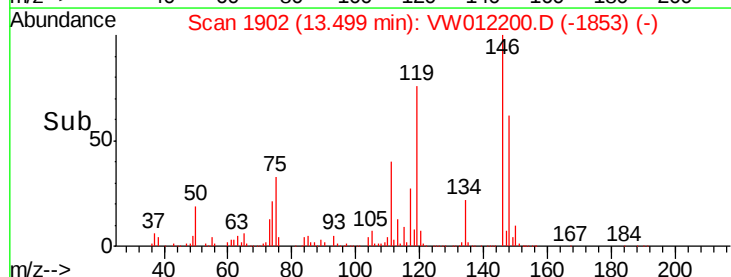
100000

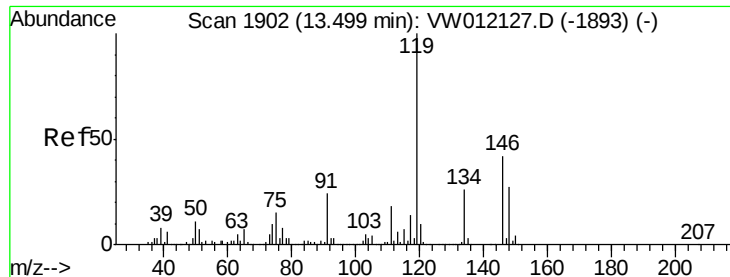
50000

0

Time-->

13.45 13.50 13.55

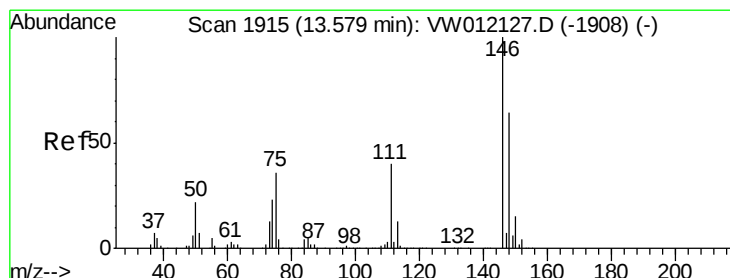
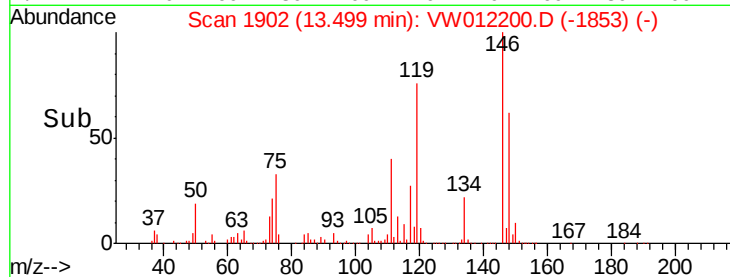
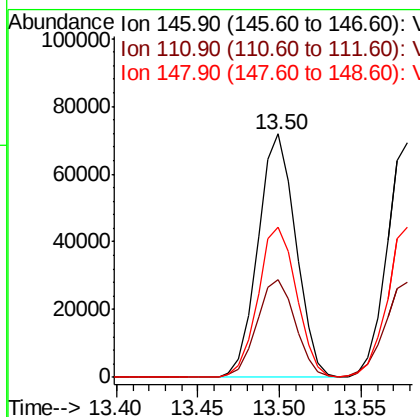
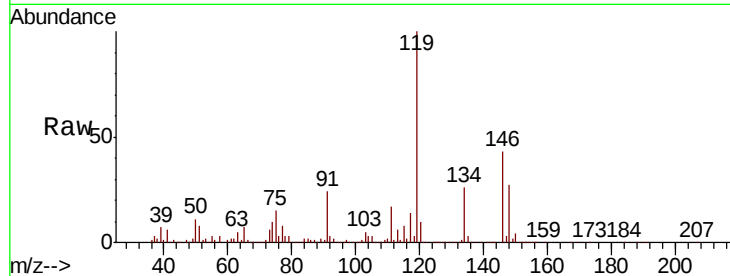




#87
 1,3-Dichlorobenzene
 Concen: 20.822 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

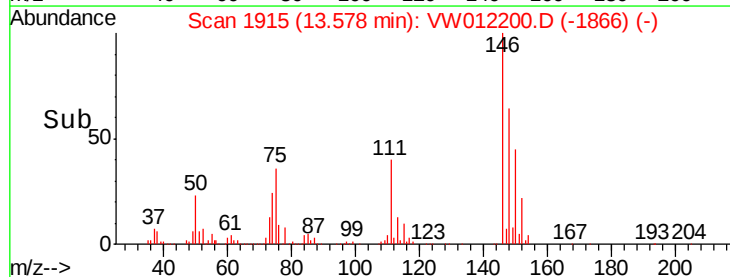
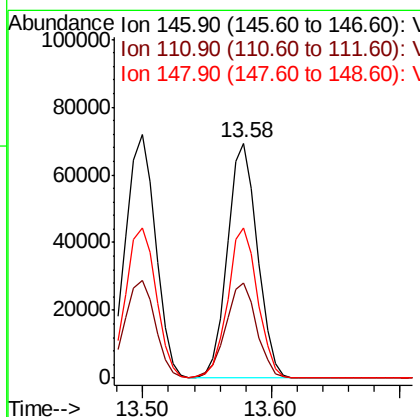
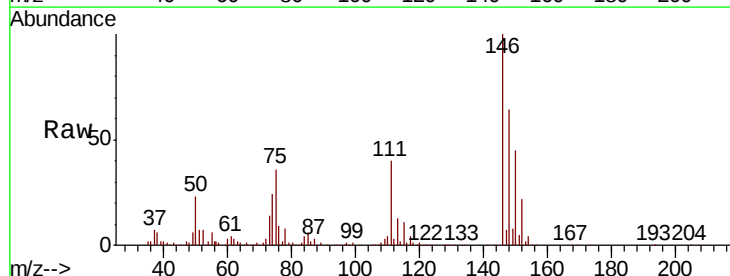
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

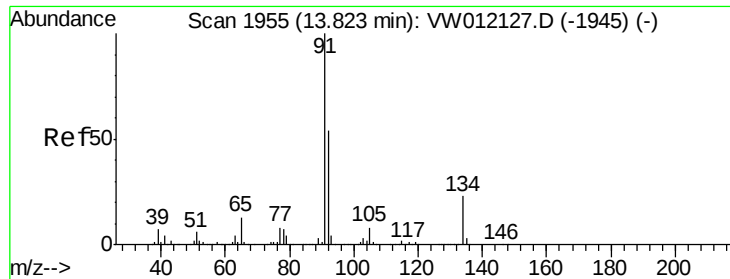
Tgt Ion:146 Resp: 115600
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.9 62.7
 148 62.7 32.2 96.6



#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

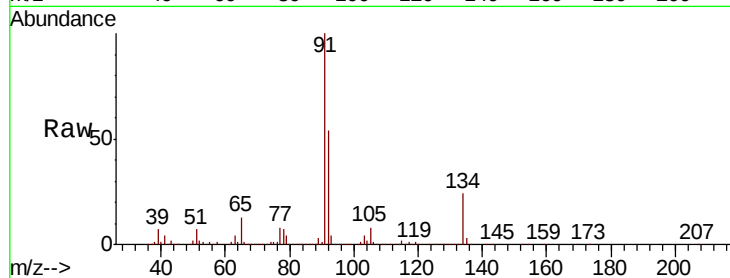
Tgt Ion: 91 Resp: 253692

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

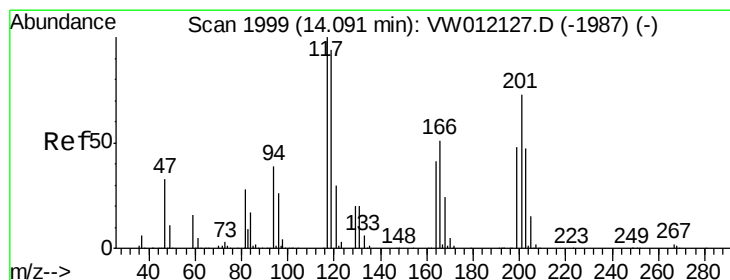
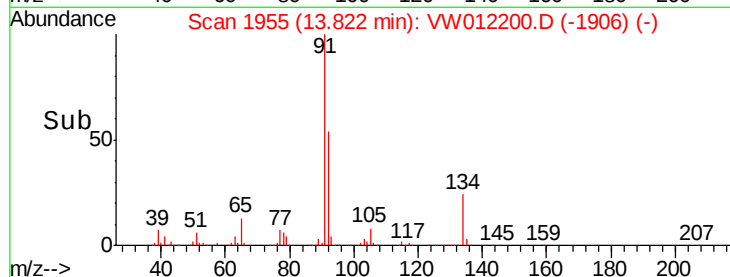
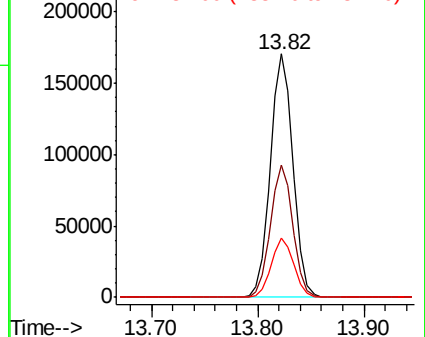
134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.658 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012200.D

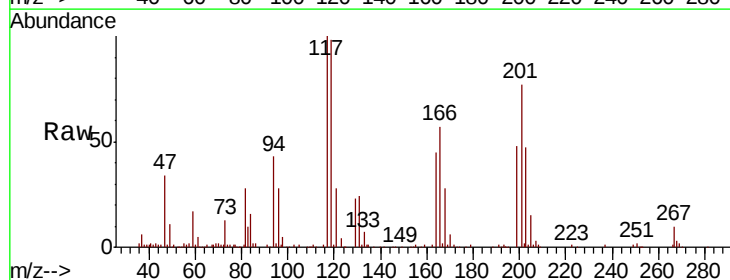
Acq: 27 Aug 2019 09:47

Tgt Ion: 117 Resp: 43066

Ion Ratio Lower Upper

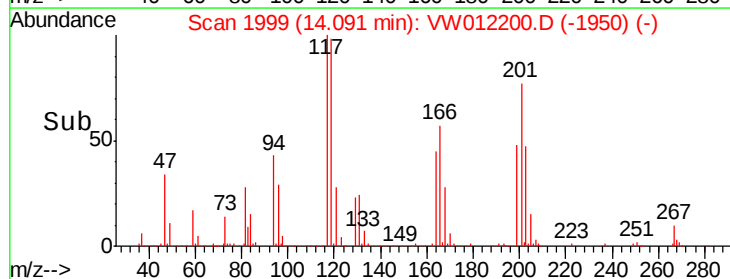
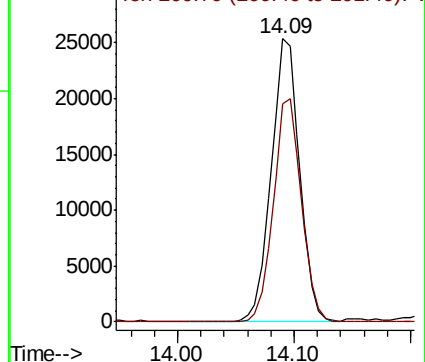
117 100

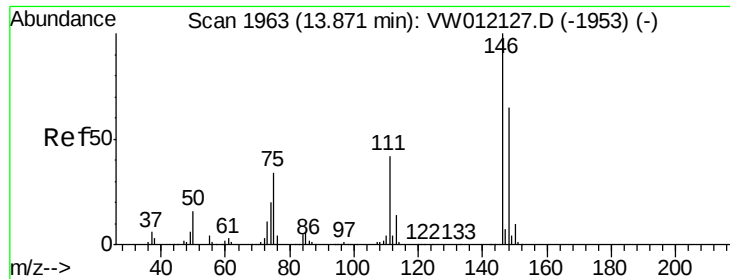
201 77.2 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#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

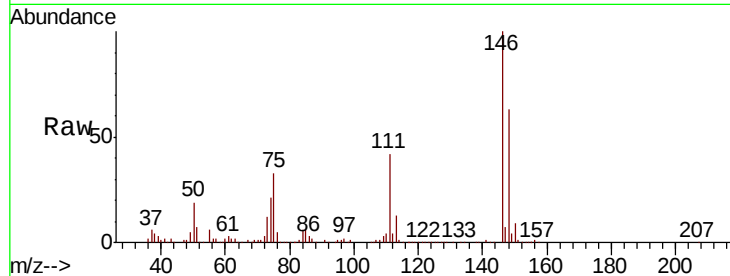
Tgt Ion:146 Resp: 100919

Ion Ratio Lower Upper

146 100

111 42.3 21.2 63.6

148 62.9 32.5 97.4

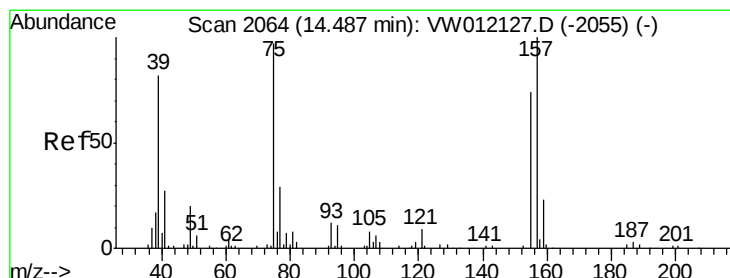
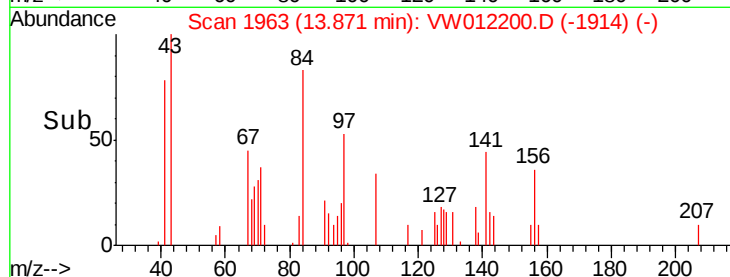
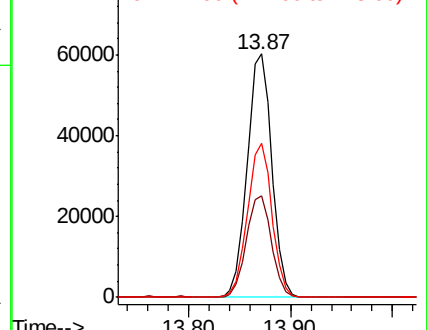


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 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

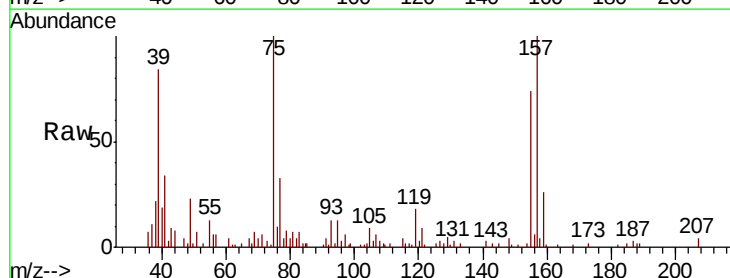
Tgt Ion: 75 Resp: 8263

Ion Ratio Lower Upper

75 100

155 74.4 37.5 112.3

157 100.8 50.5 151.5

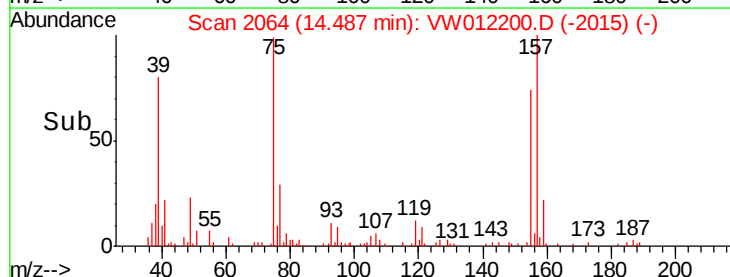
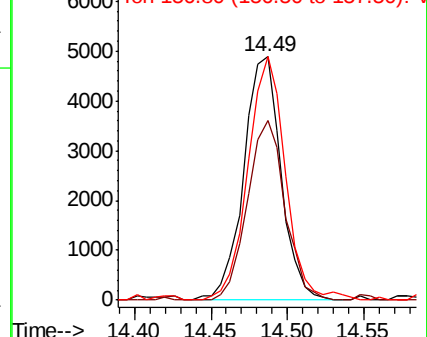


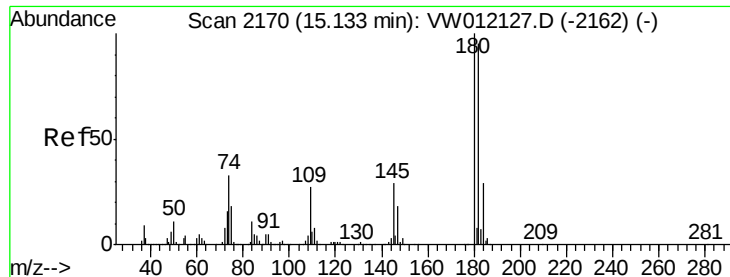
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

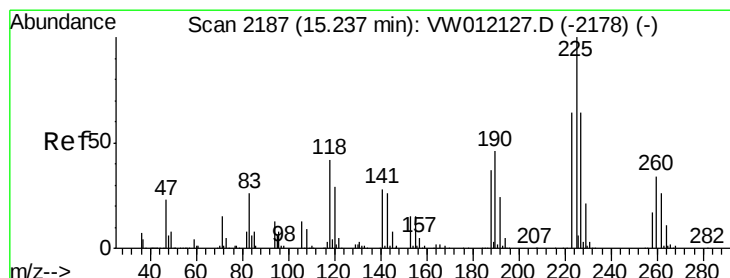
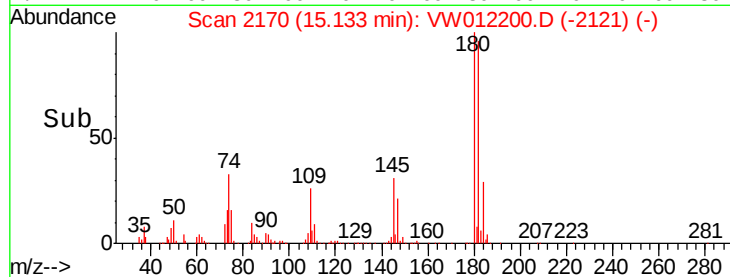
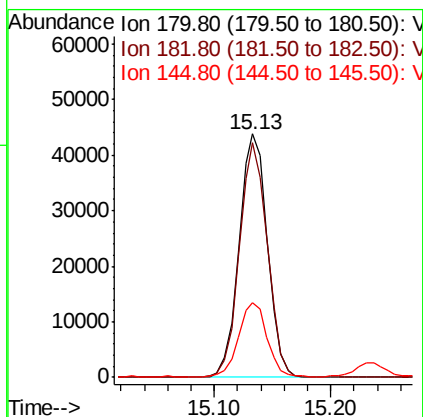
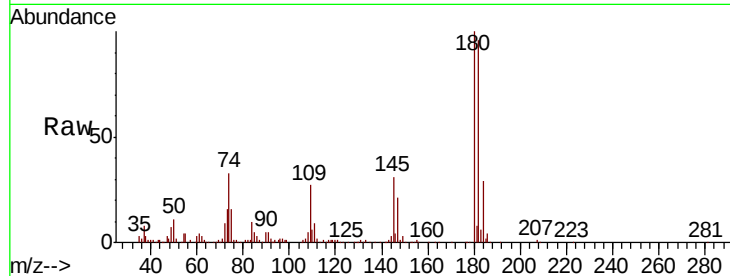




#93
 1,2,4-Trichlorobenzene
 Concen: 22.061 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012200.D
 Acq: 27 Aug 2019 09:47

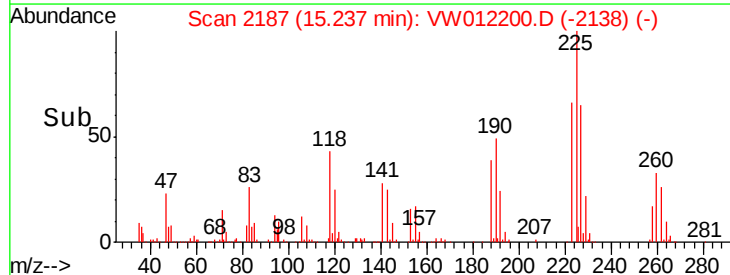
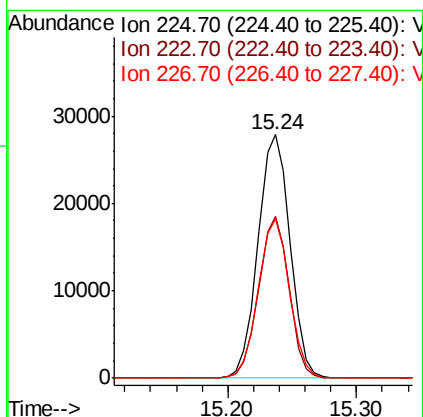
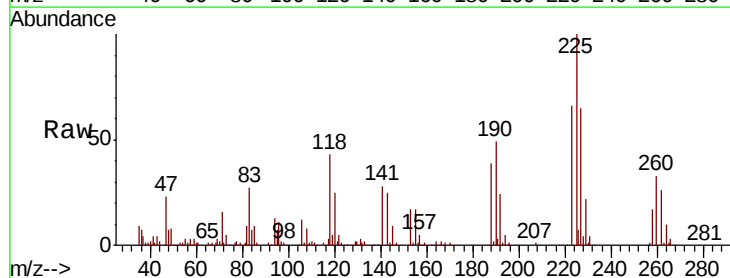
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBS01

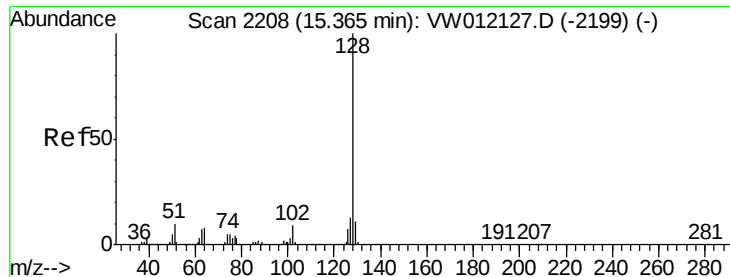
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	31.0	15.0	45.1



#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

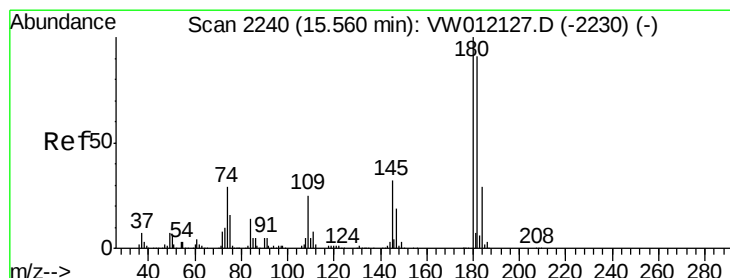
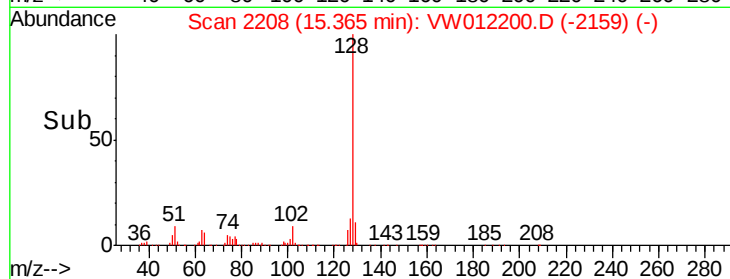
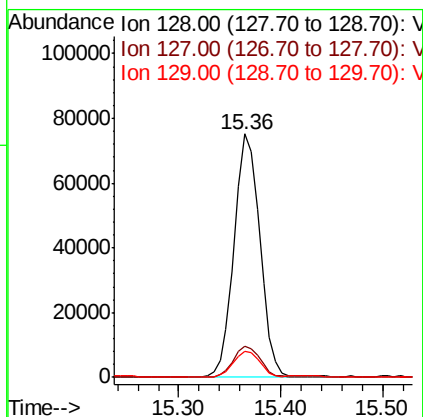
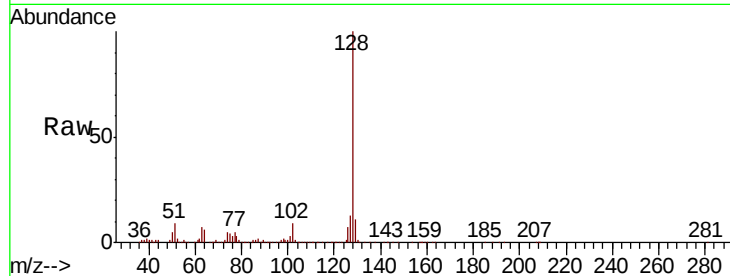




#95
Naphthalene
Concen: 22.538 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012200.D
Acq: 27 Aug 2019 09:47

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBS01

Tgt 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

