

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010868.D
 Acq On : 20 Jun 2019 01:21
 Operator : SY/VA
 Sample : VW0619SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

Quant Time: Jun 20 05:51:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177555	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	159947	58.67	ug/l	0.00
Spiked Amount			Recovery	=	117.34%	
35) Dibromofluoromethane	7.88	113	120059	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	
50) Toluene-d8	10.32	98	492301	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.62	95	187804	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	41035	19.197	ug/l	98
3) Chloromethane	2.21	50	67893	21.588	ug/l	99
4) Vinyl Chloride	2.36	62	57089	19.648	ug/l	99
5) Bromomethane	2.74	94	35208	22.065	ug/l	96
6) Chloroethane	2.90	64	35887	20.576	ug/l	95
7) Trichlorofluoromethane	3.25	101	77127	20.448	ug/l	98
8) Diethyl Ether	3.68	74	30261	22.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	45873	19.782	ug/l	98
10) Methyl Iodide	4.26	142	32915	17.255	ug/l	97
11) Tert butyl alcohol	5.17	59	47300	212.952	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	46091	20.604	ug/l	99
13) Acrolein	3.90	56	4623	50.934	ug/l	86
14) Allyl chloride	4.66	41	106297	21.551	ug/l	98
15) Acrylonitrile	5.37	53	77496	118.343	ug/l	99
16) Acetone	4.12	43	77980	106.743	ug/l	99
17) Carbon Disulfide	4.37	76	130415	18.365	ug/l	99
18) Methyl Acetate	4.67	43	48534	30.863	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	149411	23.158	ug/l	95
20) Methylene Chloride	4.91	84	56788	22.158	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	54117	21.311	ug/l	98
22) Diisopropyl ether	6.31	45	233479	23.644	ug/l	98
23) Vinyl Acetate	6.26	43	612352	102.755	ug/l	100
24) 1,1-Dichloroethane	6.21	63	113468	22.929	ug/l	99
25) 2-Butanone	7.17	43	122983	121.405	ug/l	96
26) 2,2-Dichloropropane	7.17	77	82644	20.523	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63055	22.563	ug/l	95
28) Bromochloromethane	7.51	49	52902	23.954	ug/l	94
29) Tetrahydrofuran	7.53	42	75503	118.498	ug/l	99
30) Chloroform	7.68	83	103622	22.893	ug/l	98
31) Cyclohexane	7.95	56	108802	19.778	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	85237	21.557	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81565	20.093	ug/l	99
37) Ethyl Acetate	7.26	43	51044	22.691	ug/l	100
38) Carbon Tetrachloride	8.07	117	69731	19.899	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	94643	18.340	ug/l	96
40) Benzene	8.32	78	237727	21.467	ug/l	100
41) Methacrylonitrile	7.48	41	33311	24.913	ug/l	89
42) 1,2-Dichloroethane	8.40	62	80598	22.931	ug/l	98
43) Isopropyl Acetate	8.43	43	97935	22.535	ug/l	98
44) Trichloroethene	9.09	130	57104	20.904	ug/l	97
45) 1,2-Dichloropropane	9.37	63	65299	22.275	ug/l	97
46) Dibromomethane	9.46	93	30067	22.082	ug/l	99
47) Bromodichloromethane	9.65	83	75273	21.327	ug/l	96
48) Methyl methacrylate	9.44	41	46234	22.065	ug/l	96
49) 1,4-Dioxane	9.45	88	9969	468.289	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	260361	117.271	ug/l	98
52) Toluene	10.38	92	144301	21.178	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	75893	20.301	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	90630	20.602	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43196	22.022	ug/l	99
56) Ethyl methacrylate	10.65	69	67358	22.317	ug/l	97
57) 1,3-Dichloropropane	10.93	76	83795	22.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	174067	110.106	ug/l	99
59) 2-Hexanone	10.97	43	177336	110.519	ug/l	97
60) Dibromochloromethane	11.13	129	44824	20.614	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40672	21.884	ug/l	97
64) Tetrachloroethene	10.86	164	58810	24.506	ug/l	99
65) Chlorobenzene	11.66	112	148683	20.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	51519	20.938	ug/l	100
67) Ethyl Benzene	11.73	91	279577	20.466	ug/l	98
68) m/p-Xylenes	11.84	106	201339	41.174	ug/l	98
69) o-Xylene	12.16	106	95407	20.572	ug/l	95
70) Styrene	12.18	104	167820	20.830	ug/l	98
71) Bromoform	12.35	173	25134	19.751	ug/l #	100
73) Isopropylbenzene	12.46	105	261864	19.626	ug/l	99
74) N-amyl acetate	12.27	43	90624	21.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	52497	20.667	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	68580	36.781	ug/l #	100
77) Bromobenzene	12.75	156	59567	20.452	ug/l	97
78) n-propylbenzene	12.80	91	319396	19.852	ug/l	100
79) 2-Chlorotoluene	12.90	91	190766	20.754	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	223183	20.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13549	16.701	ug/l	92
82) 4-Chlorotoluene	12.99	91	196113	20.675	ug/l	99
83) tert-Butylbenzene	13.21	119	186750	20.149	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	225588	20.527	ug/l	99
85) sec-Butylbenzene	13.38	105	260782	19.325	ug/l	100
86) p-Isopropyltoluene	13.50	119	233201	19.324	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	116657	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115329	20.712	ug/l	99
89) n-Butylbenzene	13.83	91	233984	19.433	ug/l	100
90) Hexachloroethane	14.10	117	40852	18.903	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	105961	20.978	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9070	20.794	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

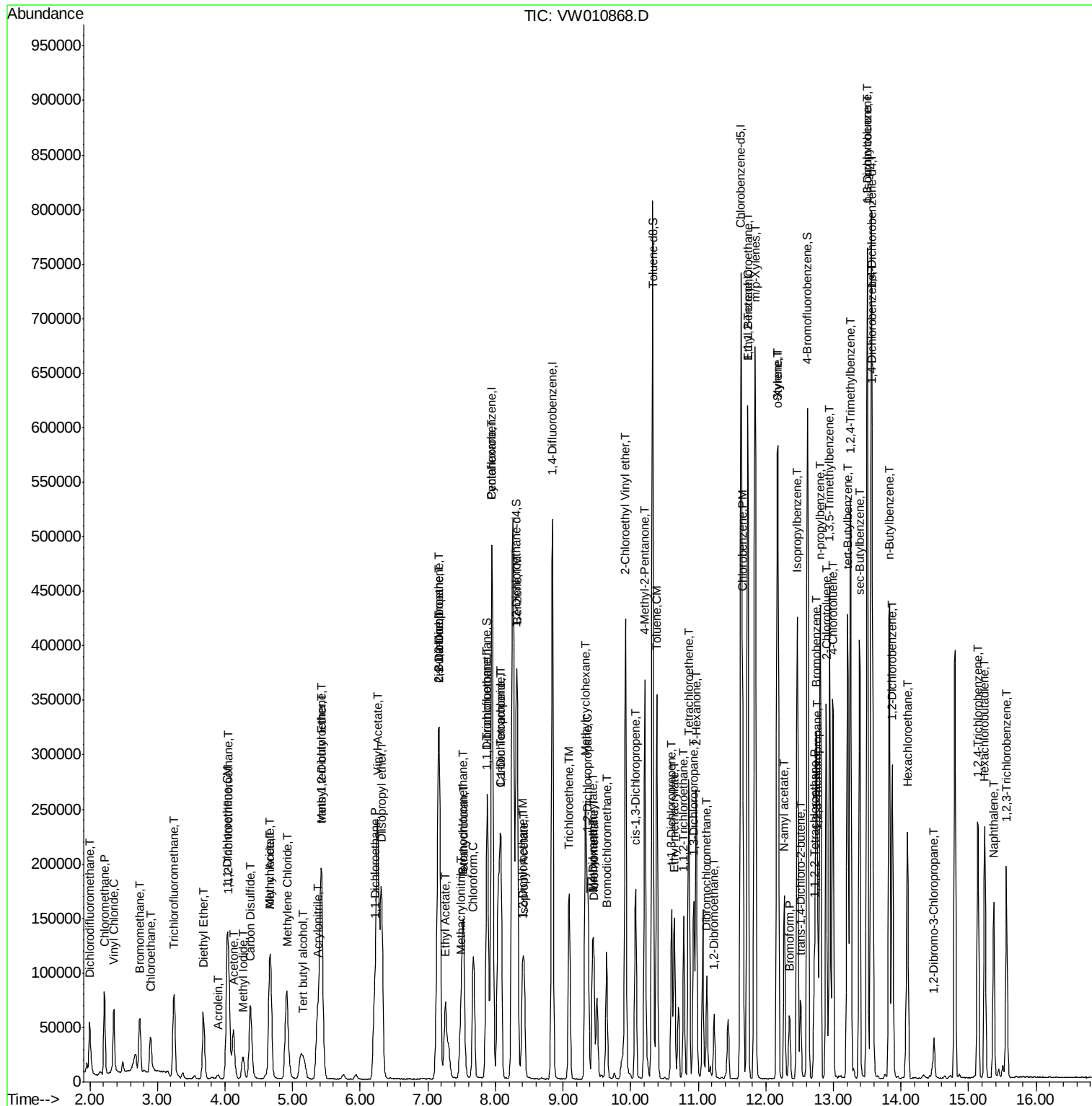
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72386	20.422	ug/l	100
94) Hexachlorobutadiene	15.24	225	43819	19.698	ug/l	98
95) Naphthalene	15.37	128	128726	19.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	62739	20.813	ug/l	98

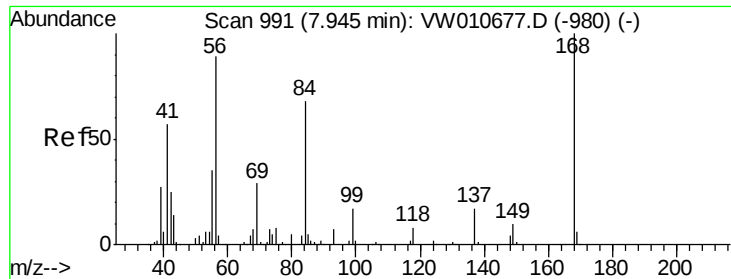
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

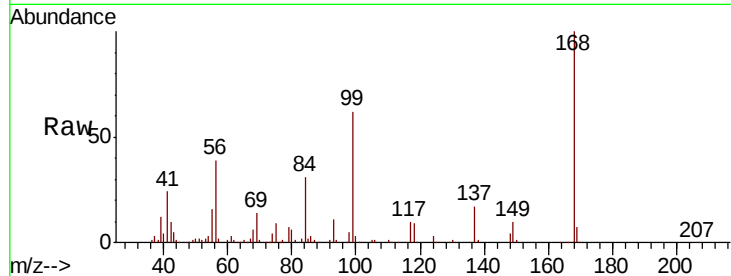
VW0619SBS02

Tot Ion:168 Resp: 231314

Ion Ratio Lower Upper

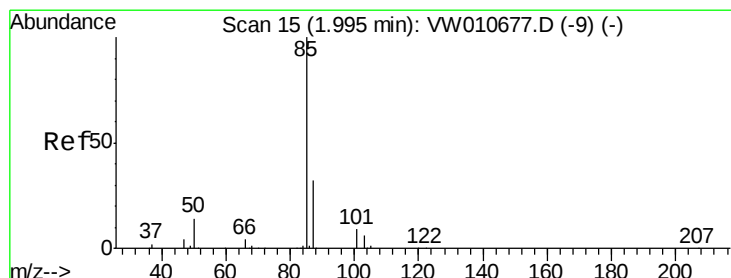
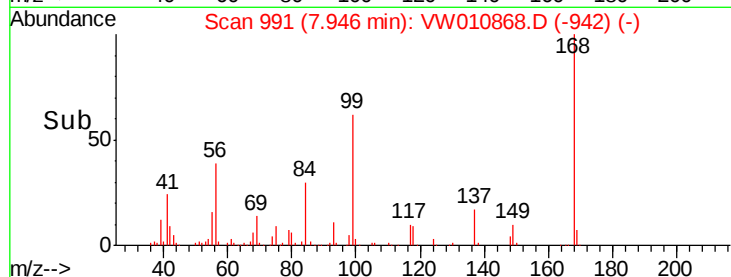
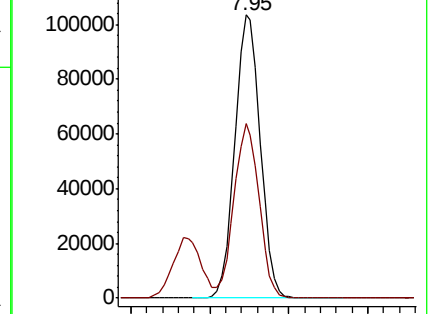
168 100

99 61.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW010677.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW010677.D (-980) (-)



#2

Dichlorodifluoromethane

Concen: 19.197 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010868.D

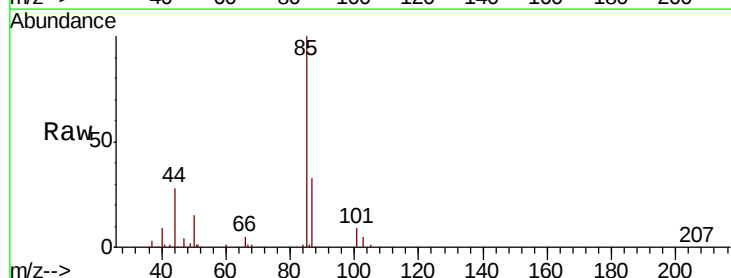
Acq: 20 Jun 2019 01:21

Tgt Ion: 85 Resp: 41035

Ion Ratio Lower Upper

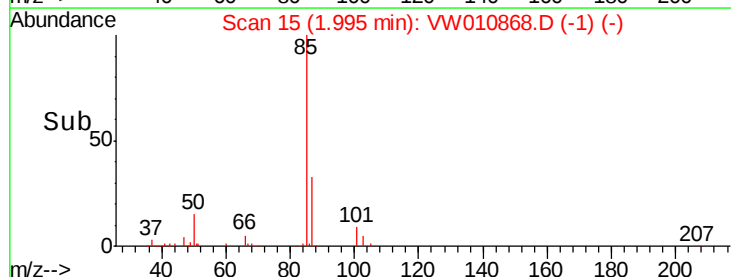
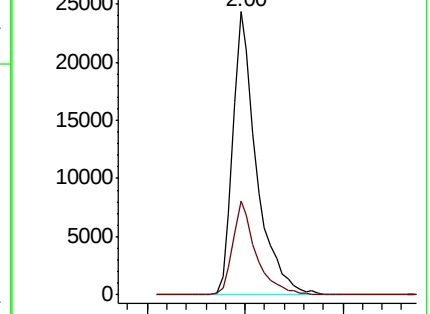
85 100

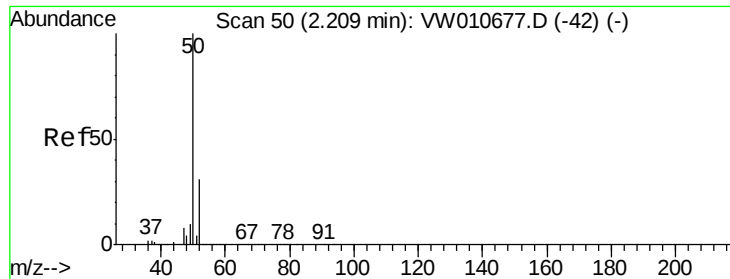
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW010677.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VW010677.D (-9) (-)





#3

Chloromethane

Concen: 21.588 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

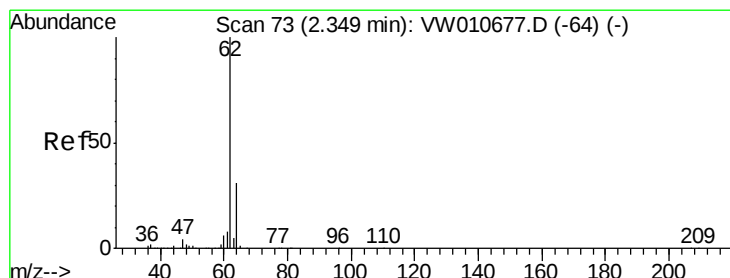
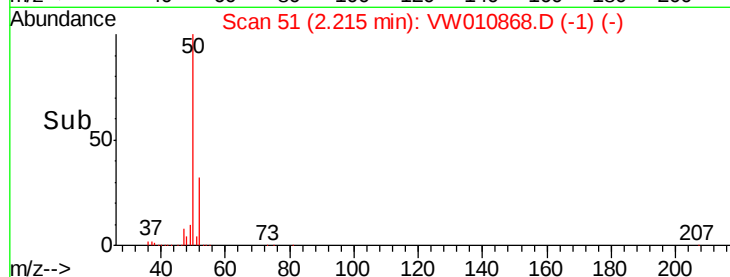
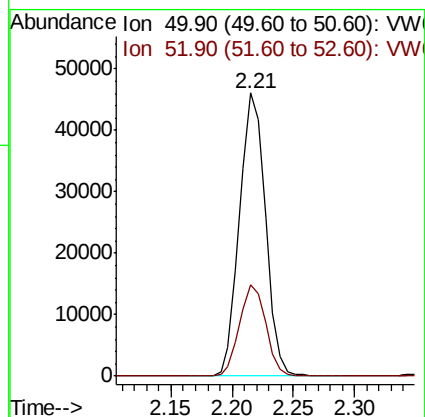
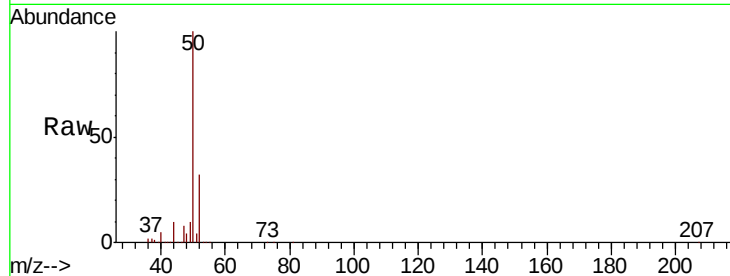
VW0619SBS02

Tot Ion: 50 Resp: 67893

Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8



#4

Vinyl Chloride

Concen: 19.648 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010868.D

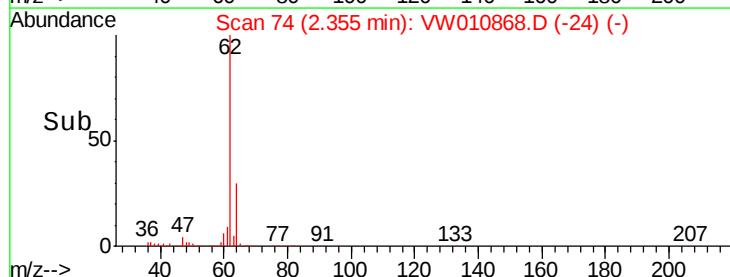
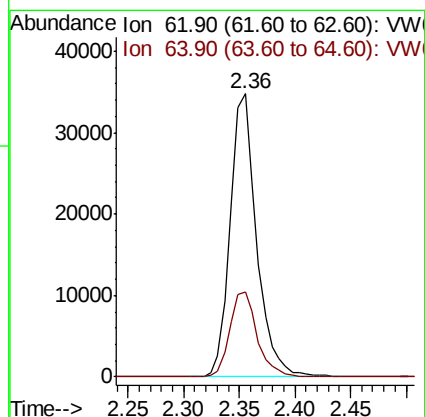
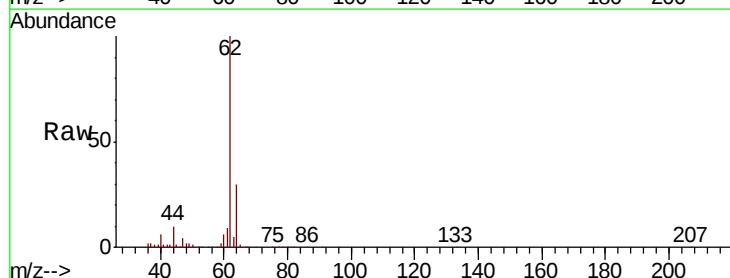
Acq: 20 Jun 2019 01:21

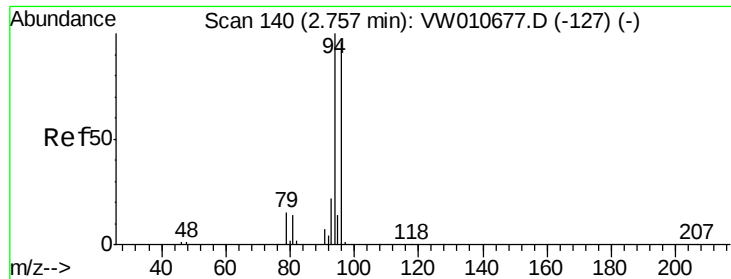
Tgt Ion: 62 Resp: 57089

Ion Ratio Lower Upper

62 100

64 29.9 24.5 36.7





#5

Bromomethane

Concen: 22.065 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

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ClientSampleId :

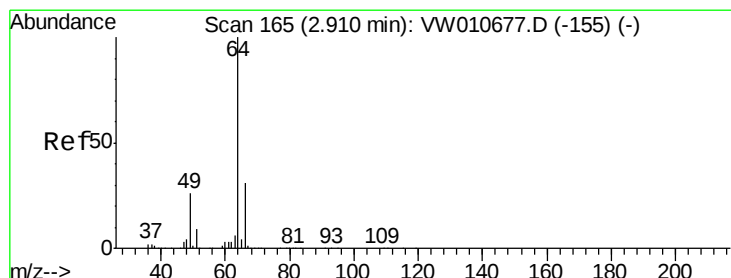
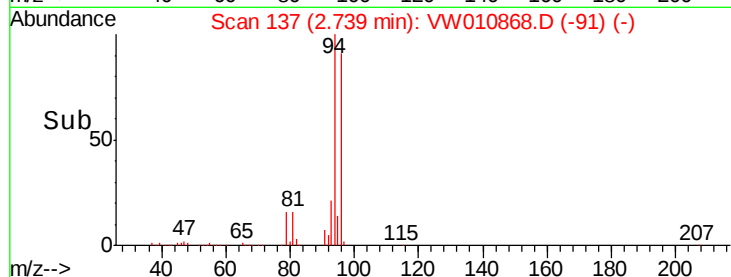
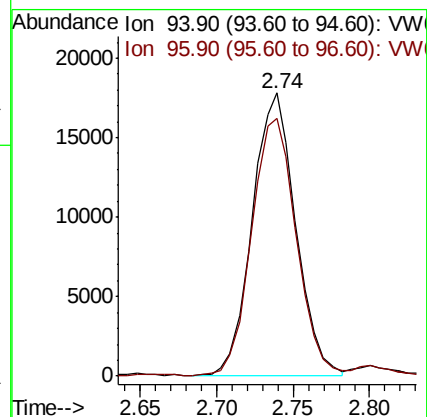
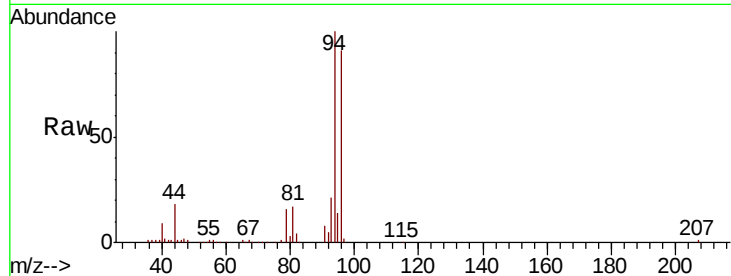
VW0619SBS02

Tot Ion: 94 Resp: 35208

Ion Ratio Lower Upper

94 100

96 91.2 76.5 114.7



#6

Chloroethane

Concen: 20.576 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010868.D

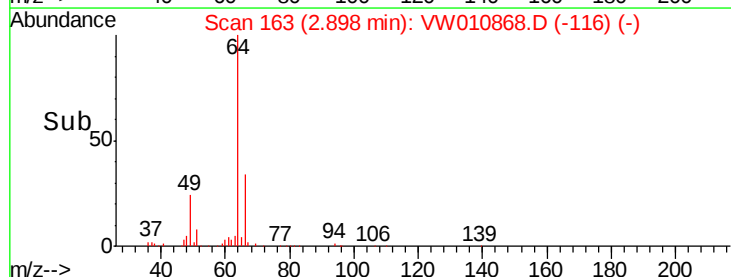
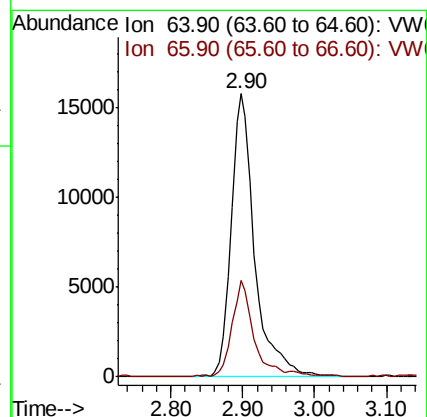
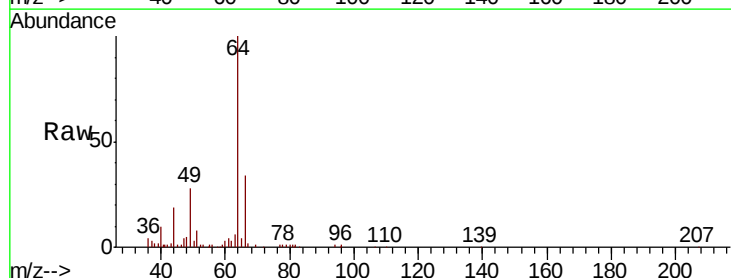
Acq: 20 Jun 2019 01:21

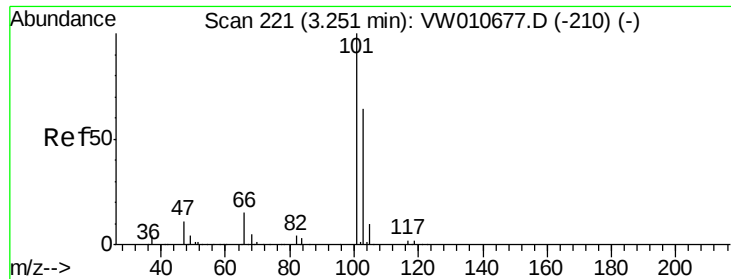
Tgt Ion: 64 Resp: 35887

Ion Ratio Lower Upper

64 100

66 33.9 25.1 37.7



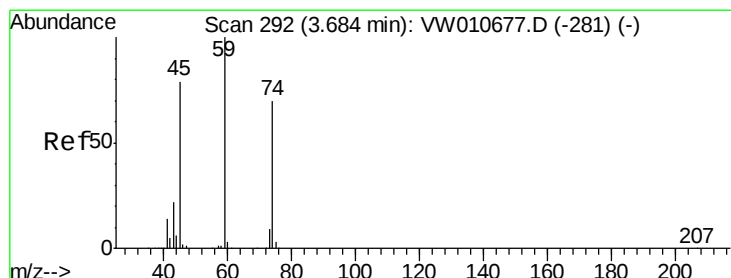
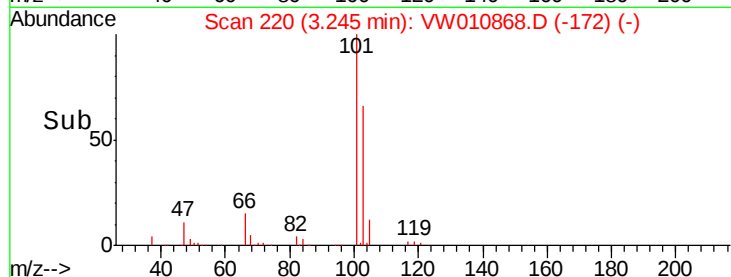
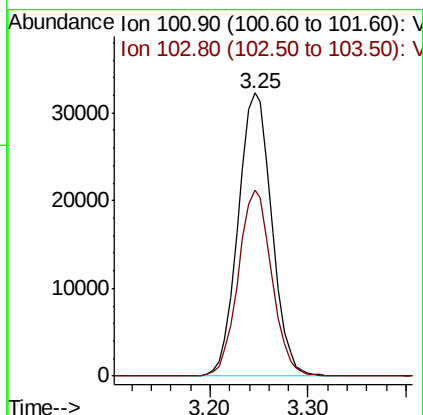
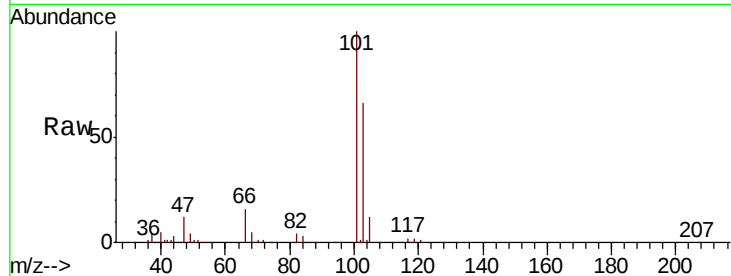


#7

Trichlorofluoromethane
 Concen: 20.448 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Instrument :
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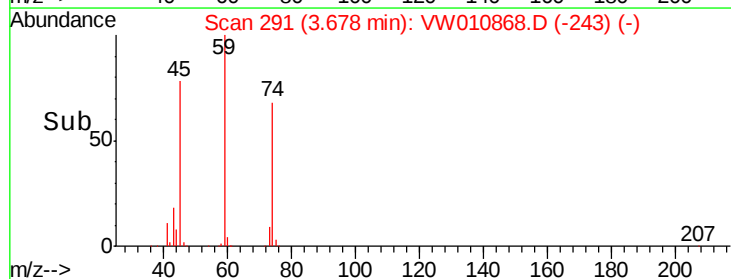
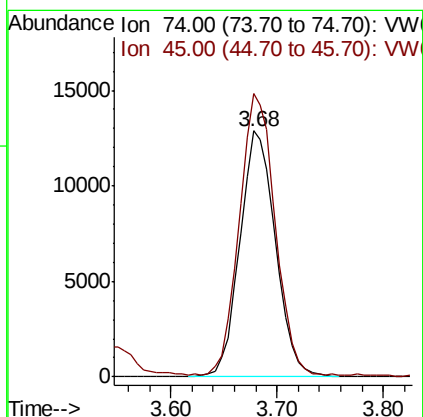
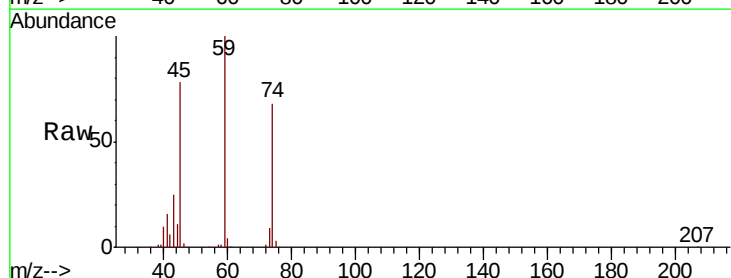
Tot Ion:101 Resp: 77127
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.2 76.8

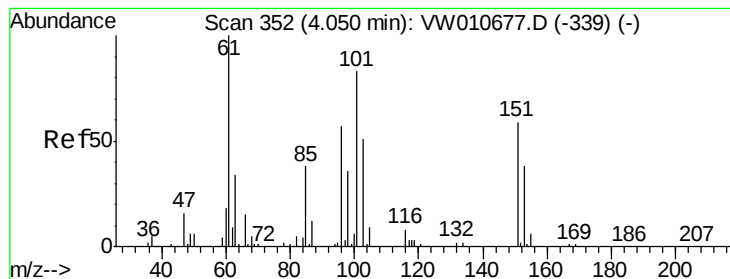


#8

Diethyl Ether
 Concen: 22.450 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion: 74 Resp: 30261
 Ion Ratio Lower Upper
 74 100
 45 115.2 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.782 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

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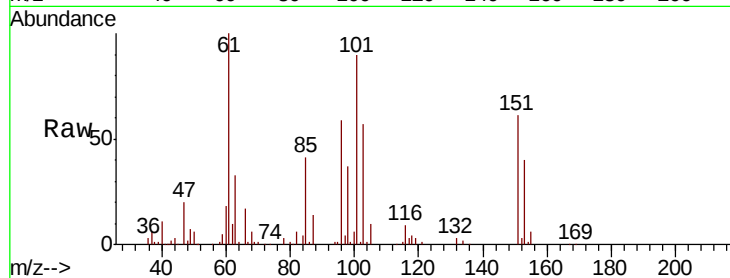
Tot Ion:101 Resp: 45873

Ion Ratio Lower Upper

101 100

85 46.6 35.8 53.8

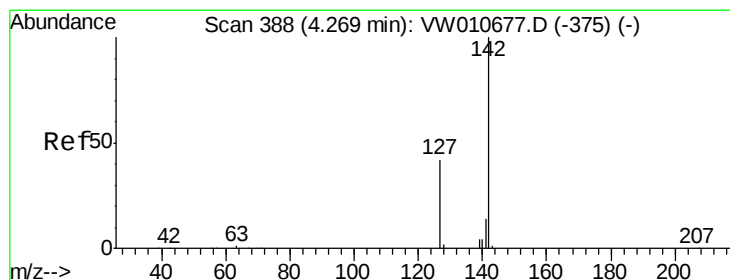
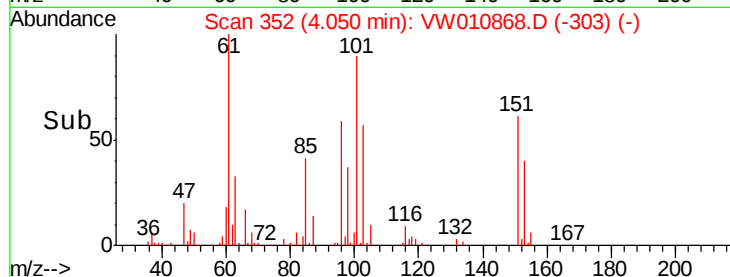
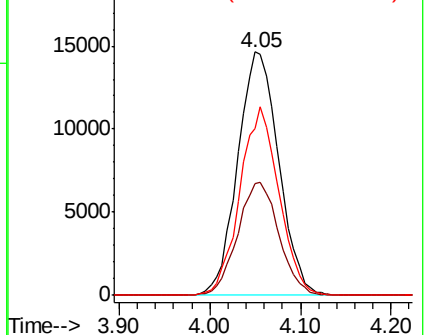
151 73.5 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.255 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

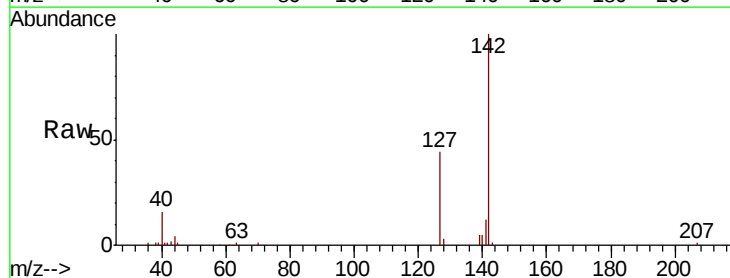
Tgt Ion:142 Resp: 32915

Ion Ratio Lower Upper

142 100

127 45.4 34.6 51.8

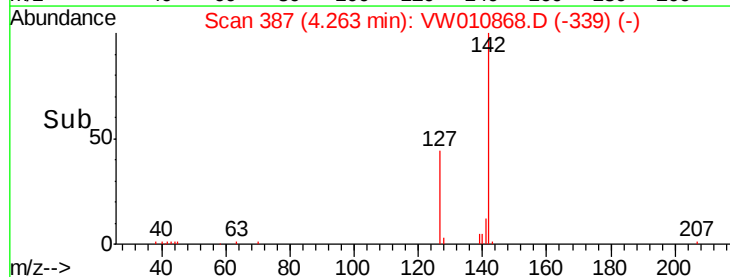
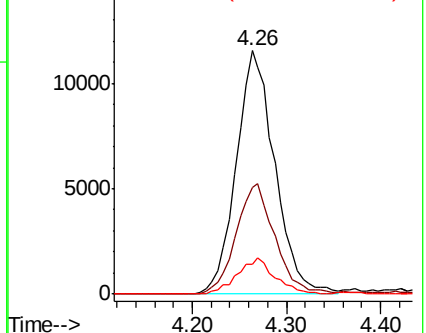
141 14.3 11.6 17.4

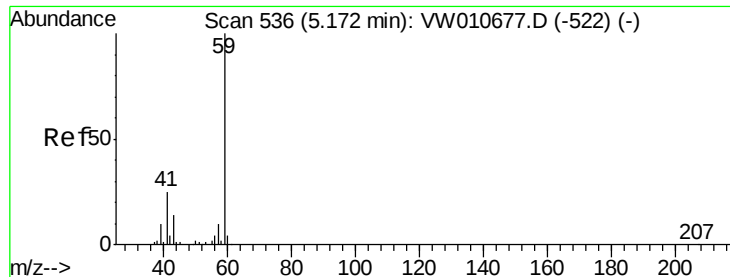


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



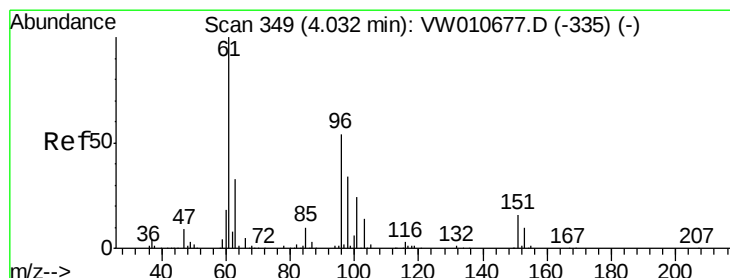
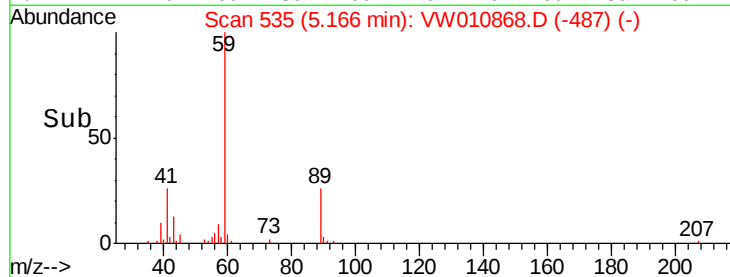
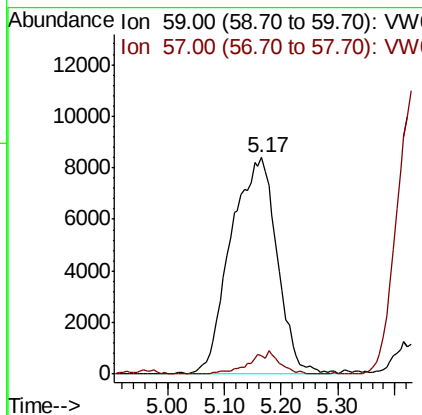
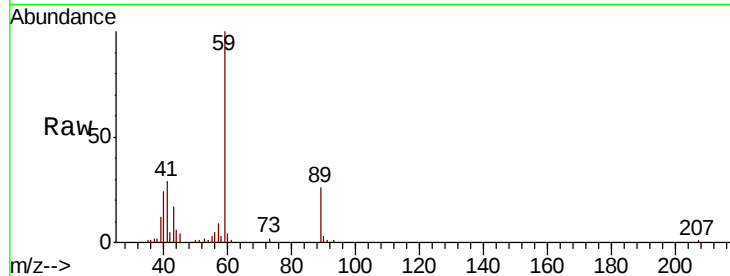


#11

Tert butyl alcohol
Concen: 212.952 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

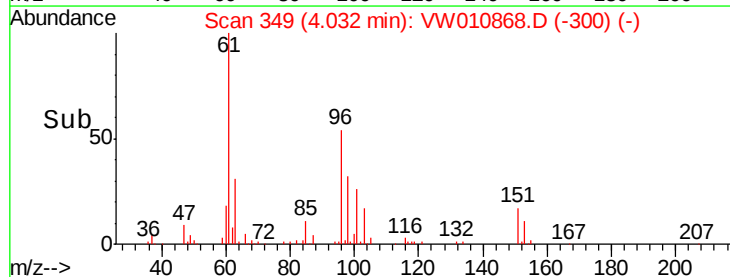
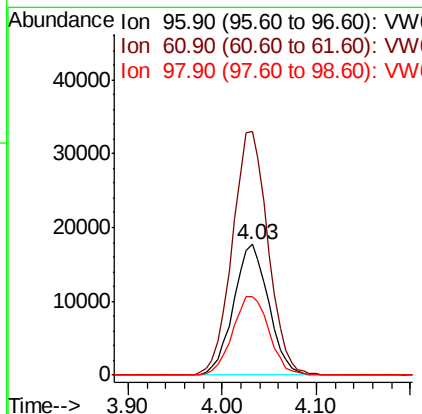
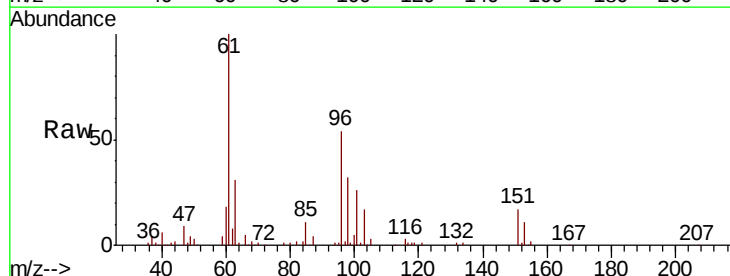
Tot Ion: 59 Resp: 47300
Ion Ratio Lower Upper
59 100
57 7.1 8.6 12.8#

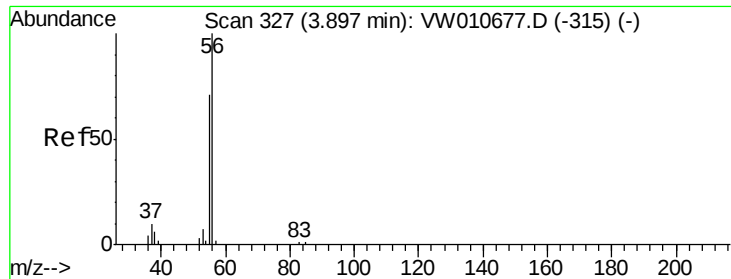


#12

1,1-Dichloroethene
Concen: 20.604 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 96 Resp: 46091
Ion Ratio Lower Upper
96 100
61 186.4 149.1 223.7
98 59.8 51.1 76.7





#13

Acrolein

Concen: 50.934 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

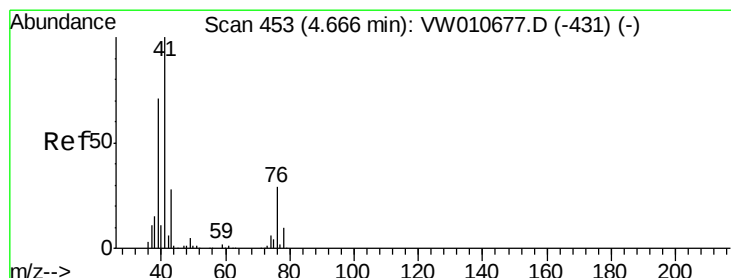
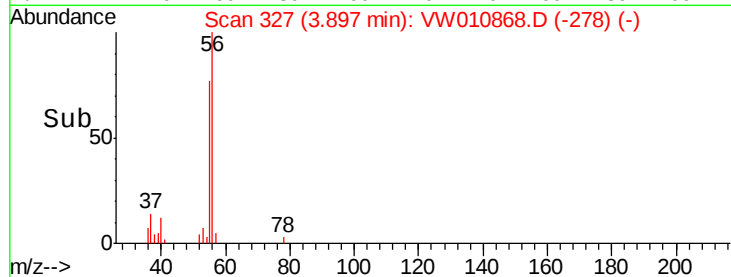
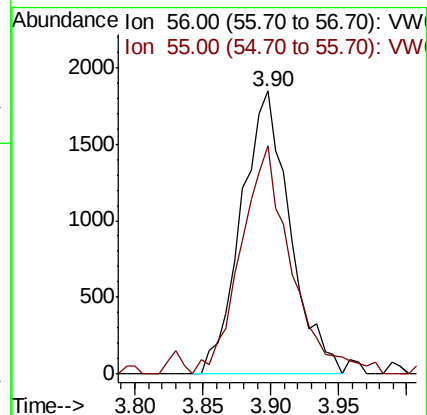
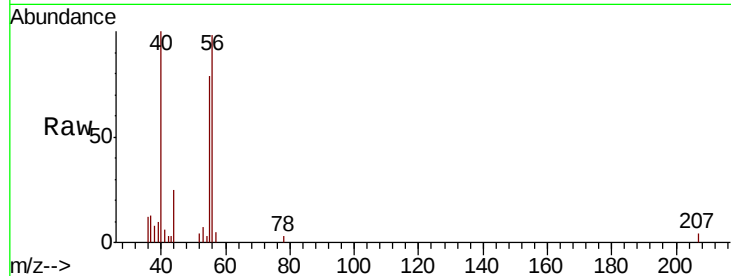
VW0619SBS02

Tot Ion: 56 Resp: 4623

Ion Ratio Lower Upper

56 100

55 83.6 57.6 86.4



#14

Allyl chloride

Concen: 21.551 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

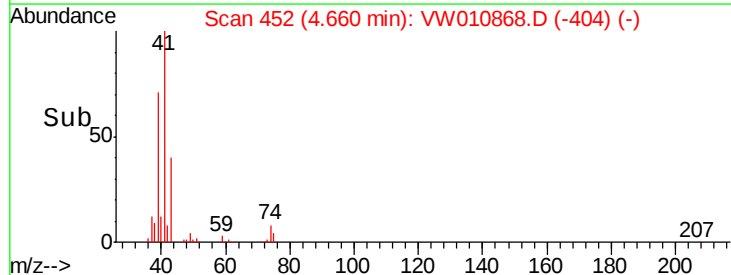
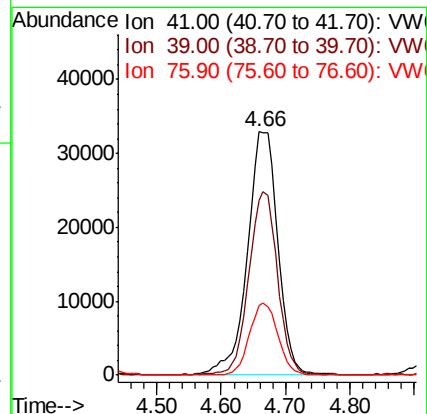
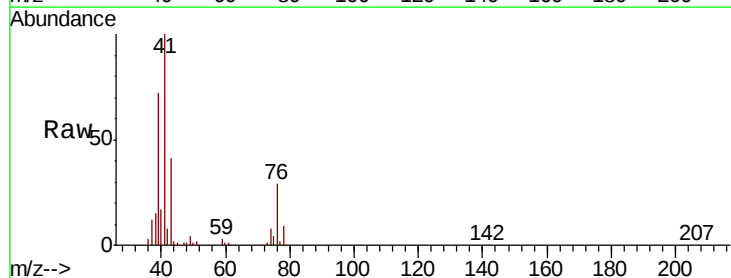
Tgt Ion: 41 Resp: 106297

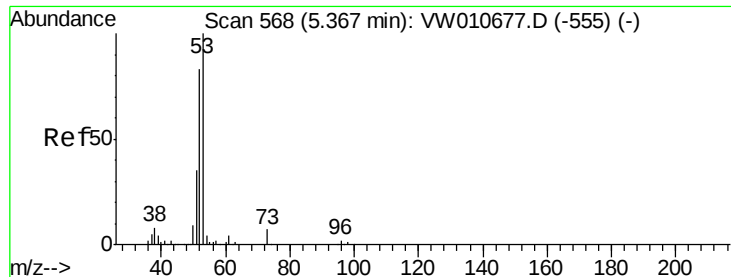
Ion Ratio Lower Upper

41 100

39 71.4 55.8 83.6

76 27.5 22.7 34.1





#15

Acrylonitrile

Concen: 118.343 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

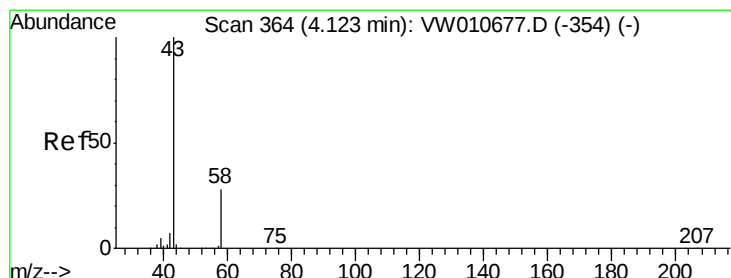
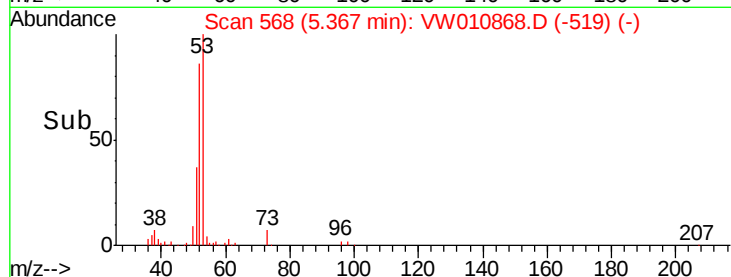
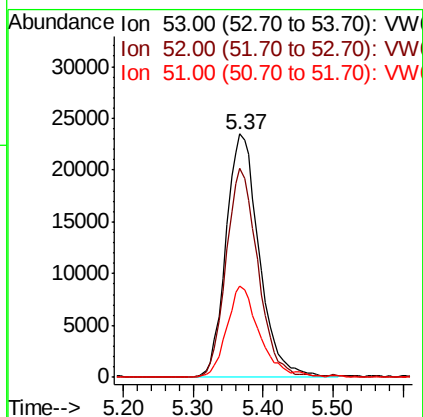
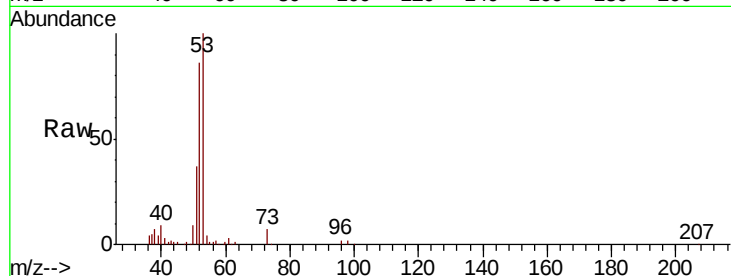
Tot Ion: 53 Resp: 77496

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 37.2 29.8 44.8



#16

Acetone

Concen: 106.743 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010868.D

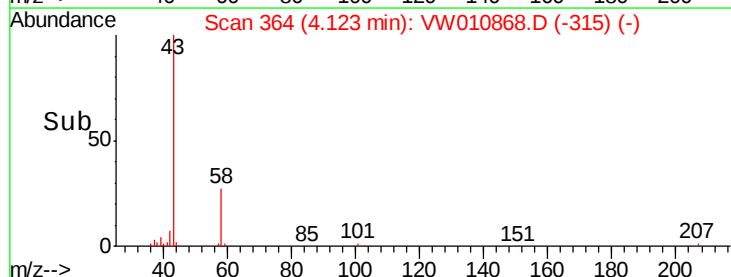
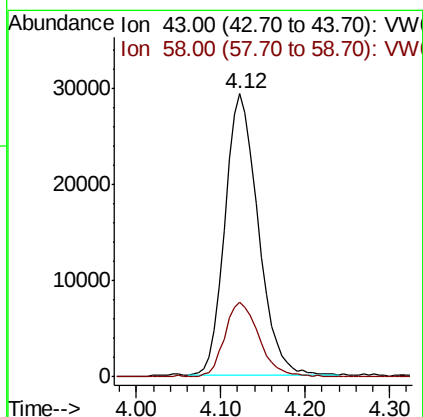
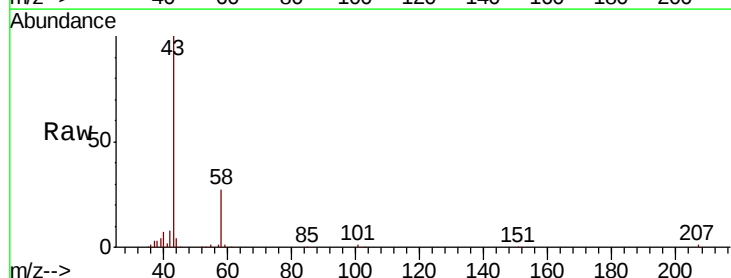
Acq: 20 Jun 2019 01:21

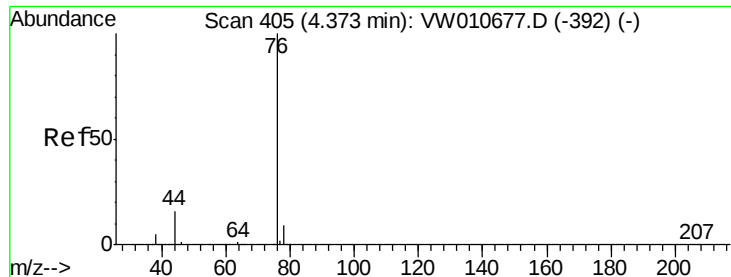
Tgt Ion: 43 Resp: 77980

Ion Ratio Lower Upper

43 100

58 26.8 22.1 33.1

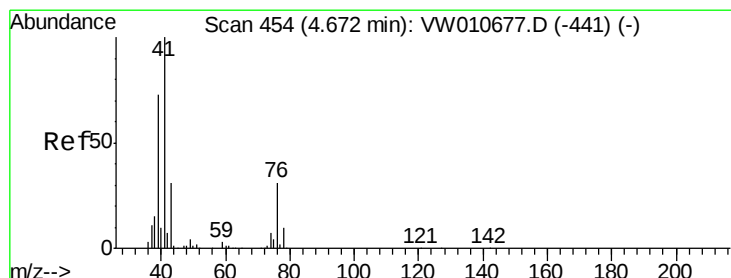
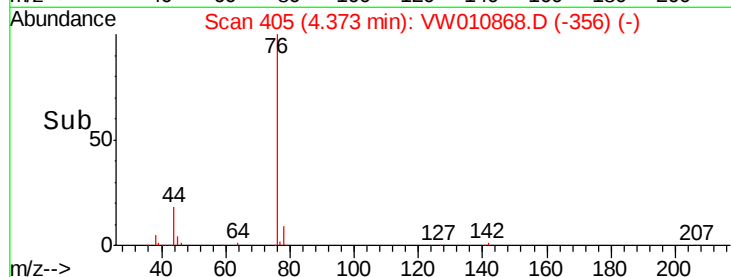
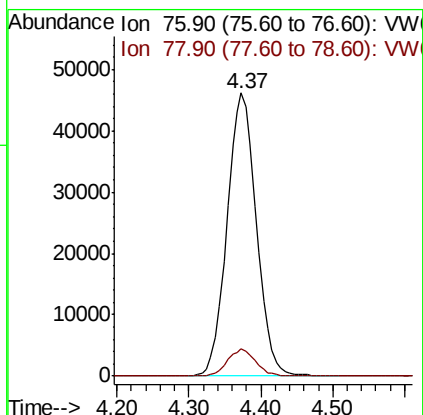
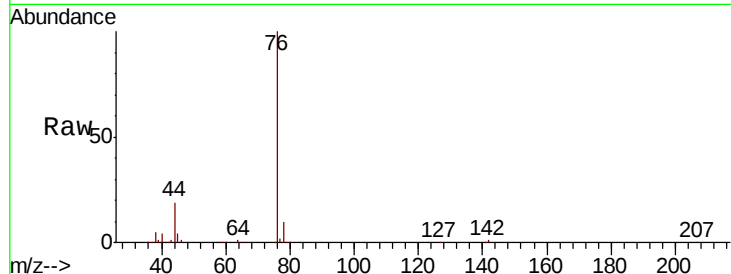




#17
Carbon Disulfide
Concen: 18.365 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

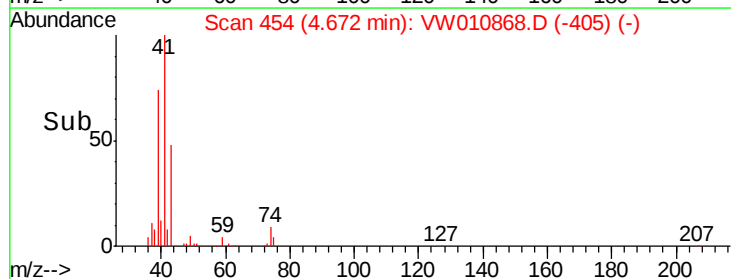
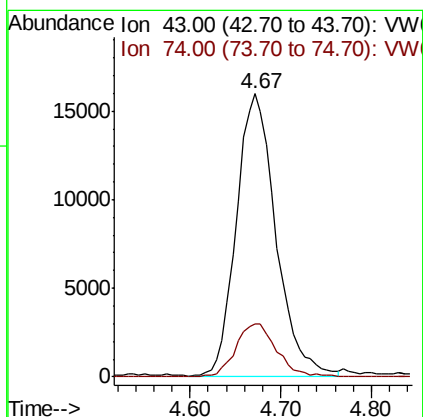
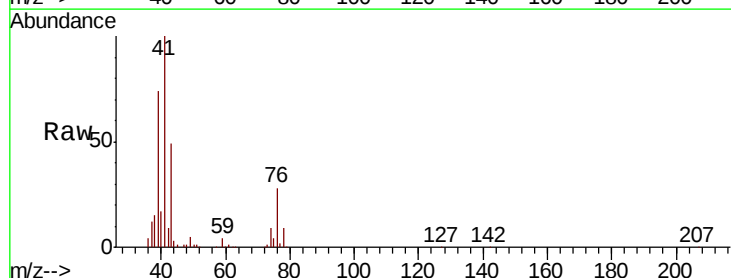
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

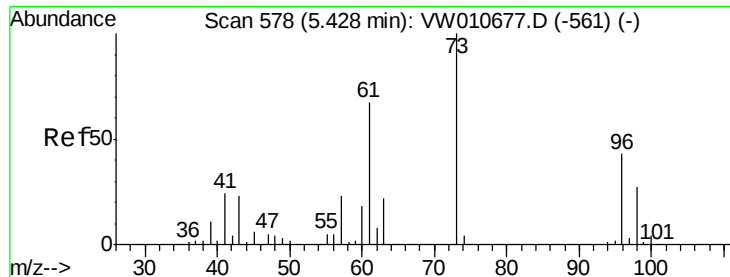
Tot Ion: 76 Resp: 130415
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 30.863 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 43 Resp: 48534
Ion Ratio Lower Upper
43 100
74 19.2 16.7 25.1

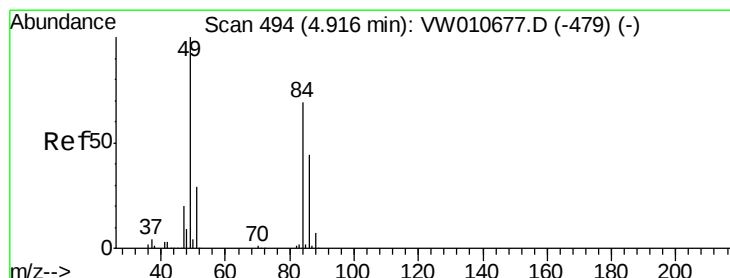
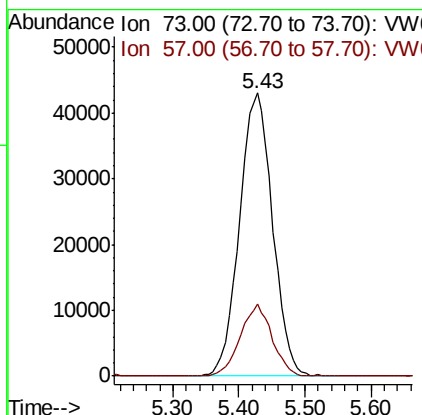
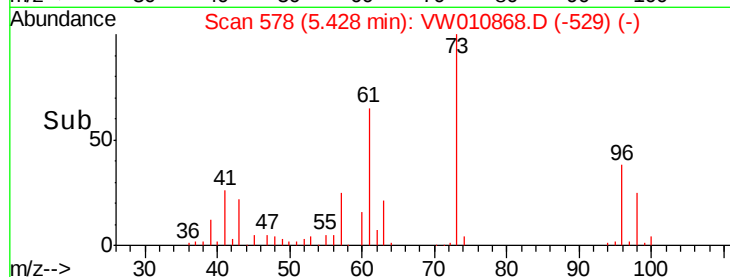
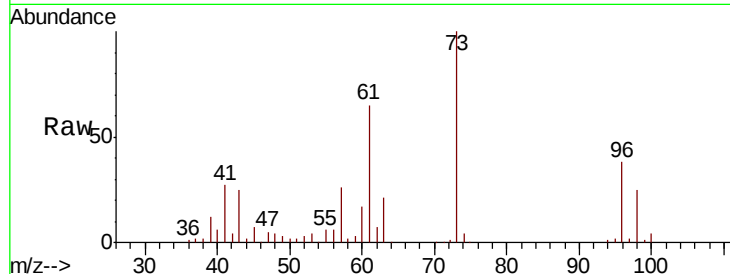




#19
Methyl tert-butyl Ether
Concen: 23.158 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

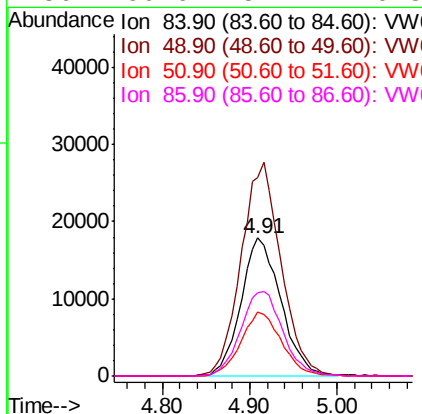
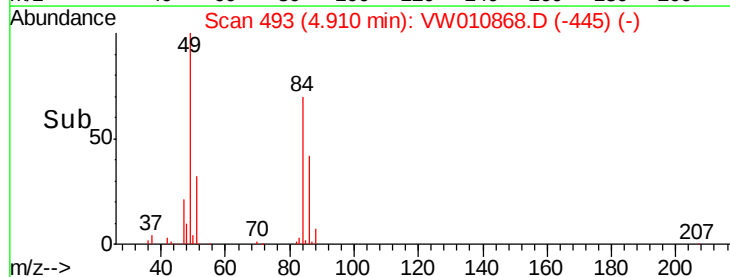
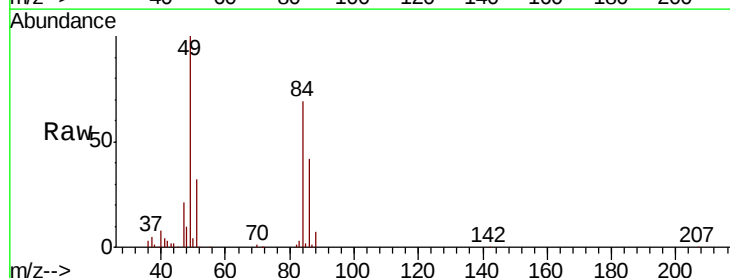
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

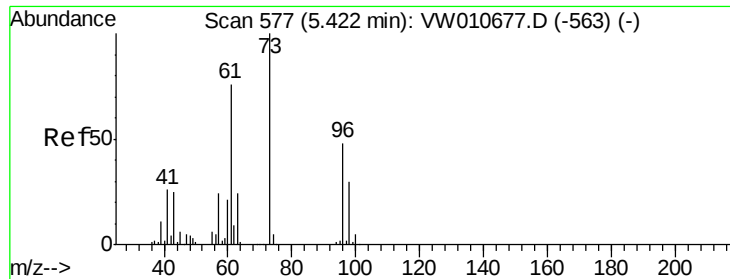
Tot Ion: 73 Resp: 149411
Ion Ratio Lower Upper
73 100
57 25.5 18.6 27.8



#20
Methylene Chloride
Concen: 22.158 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 84 Resp: 56788
Ion Ratio Lower Upper
84 100
49 144.4 116.7 175.1
51 46.1 34.2 51.2
86 60.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.311 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

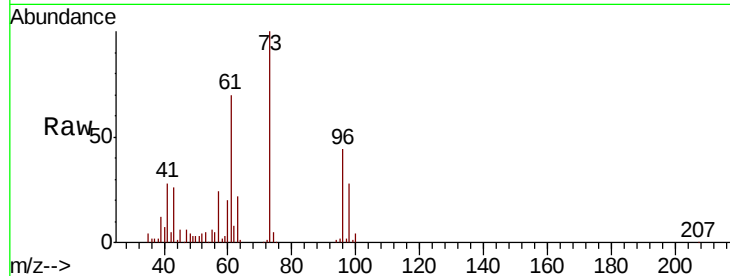
Tot Ion: 96 Resp: 54117

Ion Ratio Lower Upper

96 100

61 159.7 126.0 189.0

98 63.9 49.6 74.4

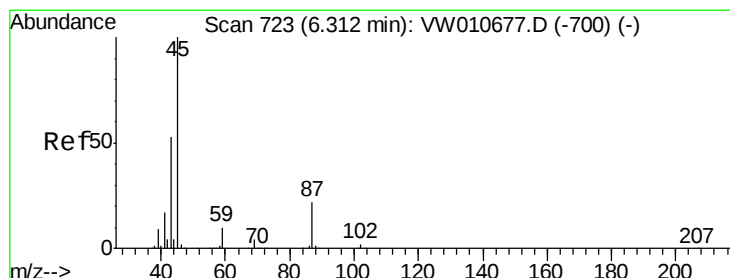
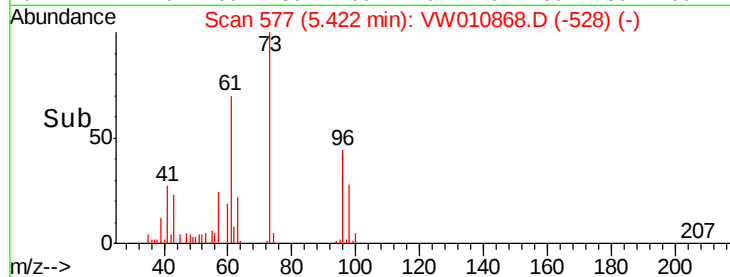
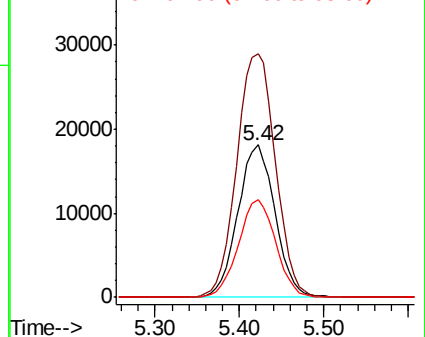


Abundance

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: 23.644 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Tgt Ion: 45 Resp: 233479

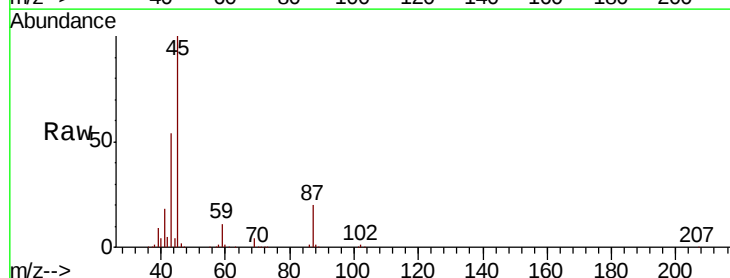
Ion Ratio Lower Upper

45 100

43 54.0 42.5 63.7

87 20.3 17.4 26.2

59 10.6 8.1 12.1



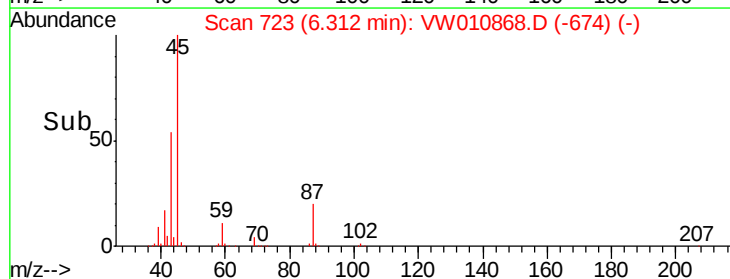
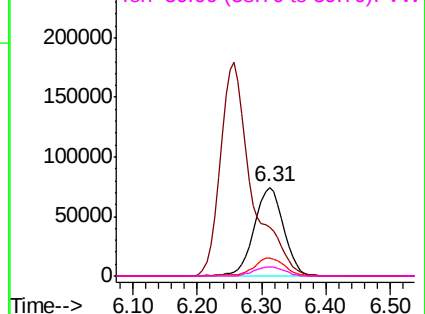
Abundance

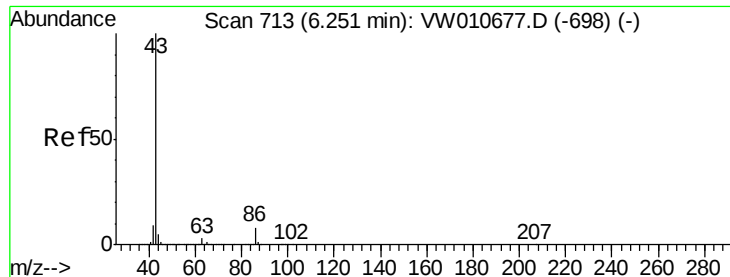
Ion 45.00 (44.70 to 45.70): VW

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: 102.755 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

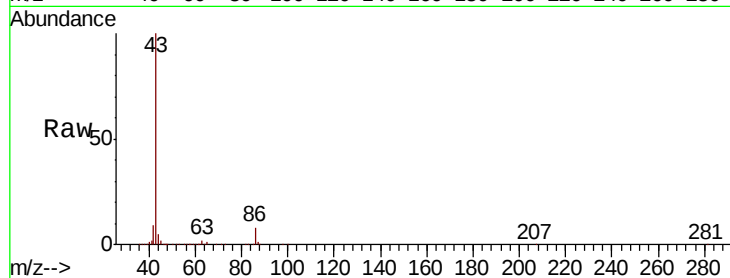
VW0619SBS02

Tot Ion: 43 Resp: 612352

Ion Ratio Lower Upper

43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

150000

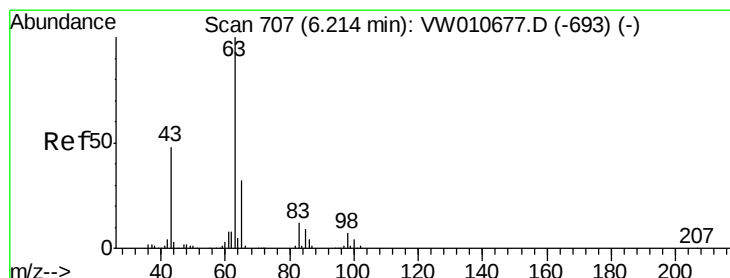
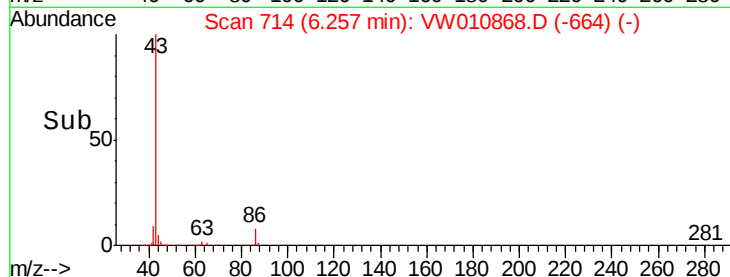
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 22.929 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

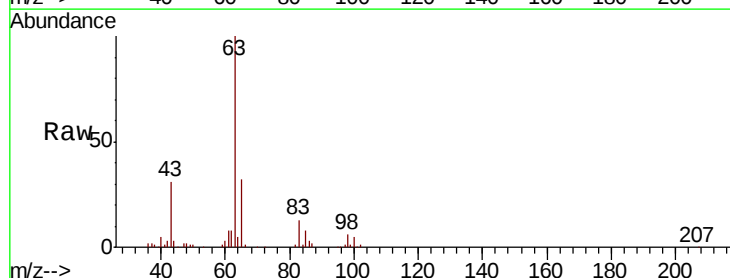
Tgt Ion: 63 Resp: 113468

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.5 2.1 6.3



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

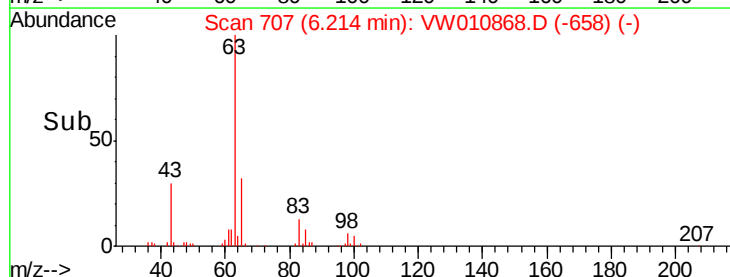
20000

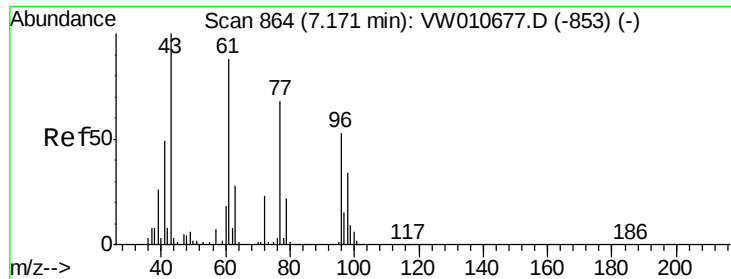
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 121.405 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampled :

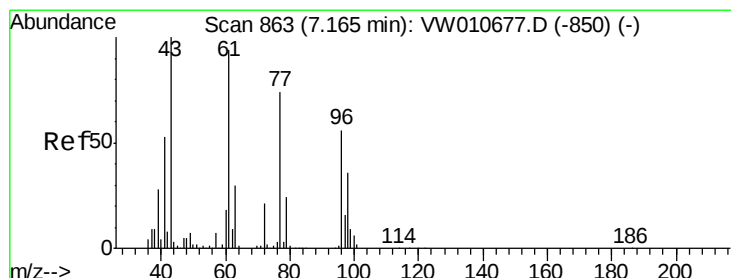
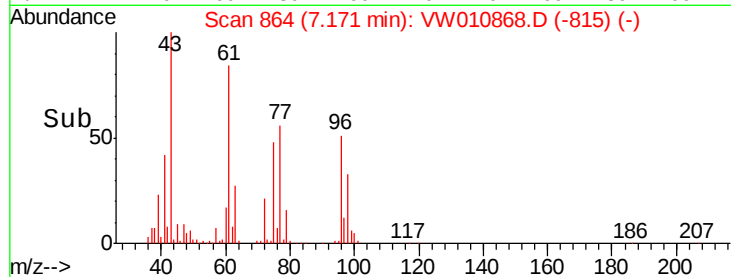
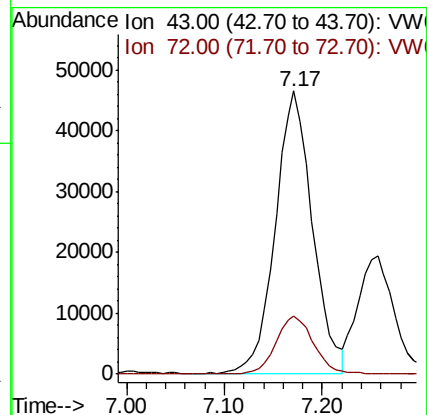
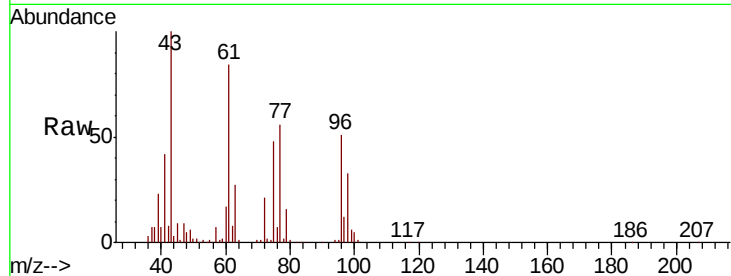
VW0619SBS02

Tot Ion: 43 Resp: 122983

Ion Ratio Lower Upper

43 100

72 20.6 18.1 27.1



#26

2,2-Dichloropropane

Concen: 20.523 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010868.D

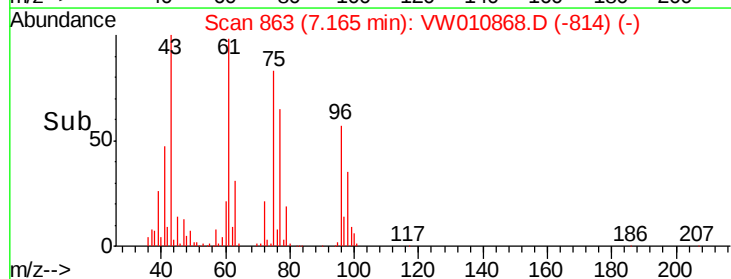
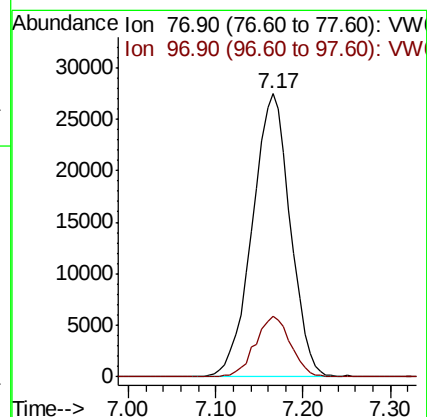
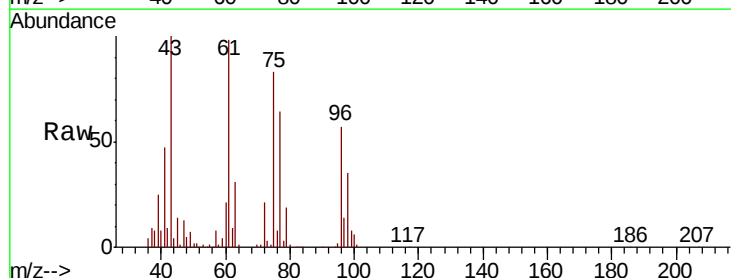
Acq: 20 Jun 2019 01:21

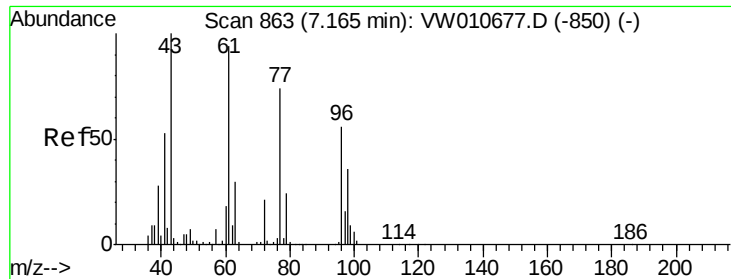
Tgt Ion: 77 Resp: 82644

Ion Ratio Lower Upper

77 100

97 19.9 10.5 31.6



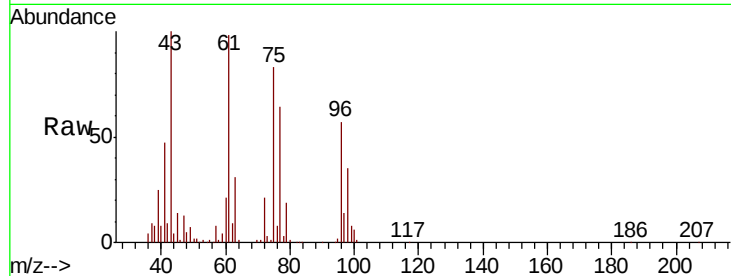


#27

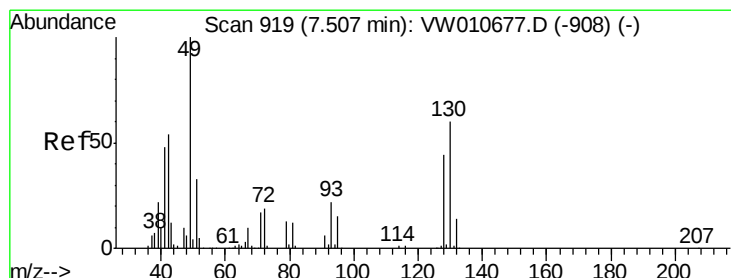
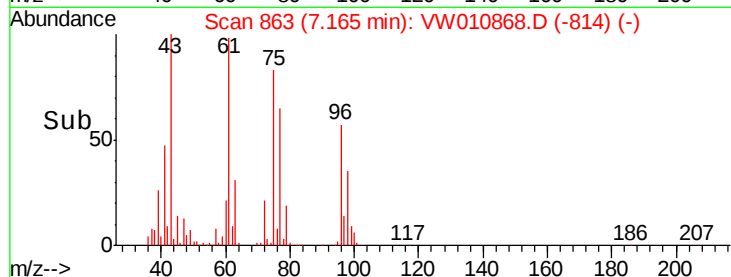
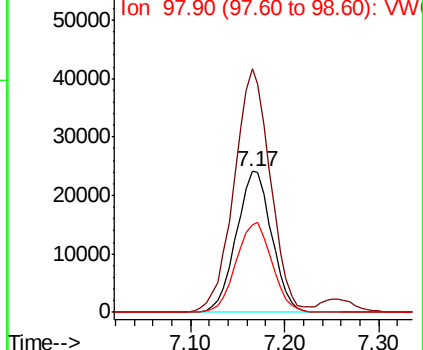
cis-1,2-Dichloroethene
Concen: 22.563 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Instrument :
MSVOA_W
ClientSampled :
VW0619SBS02

Tot Ion: 96 Resp: 63055
Ion Ratio Lower Upper
96 100
61 176.9 0.0 336.4
98 64.4 0.0 128.0



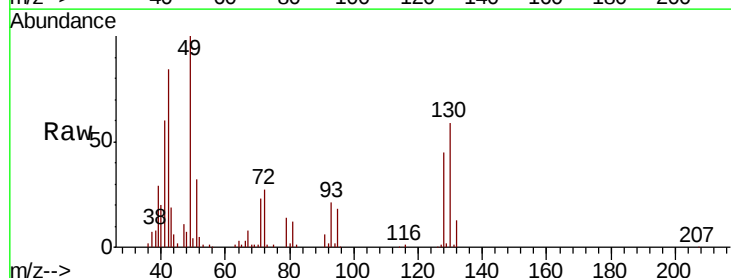
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



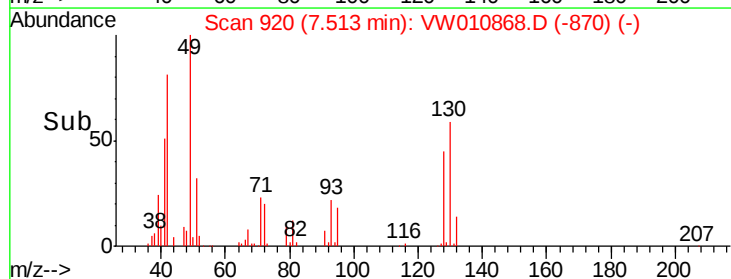
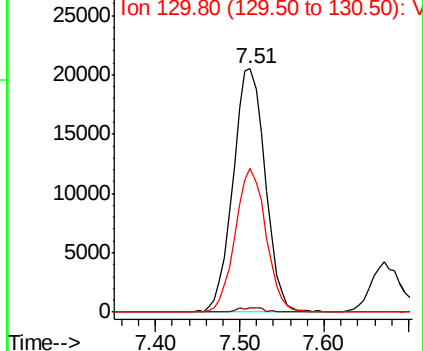
#28

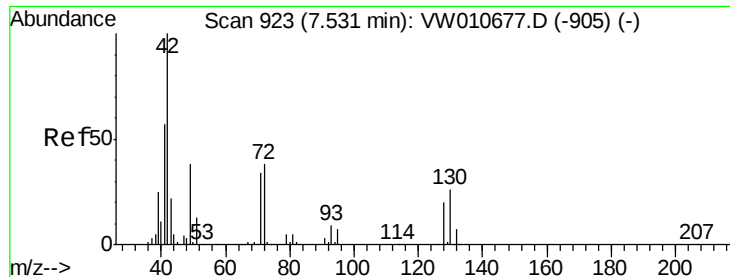
Bromochloromethane
Concen: 23.954 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 49 Resp: 52902
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.2
130 56.0 48.3 72.5



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

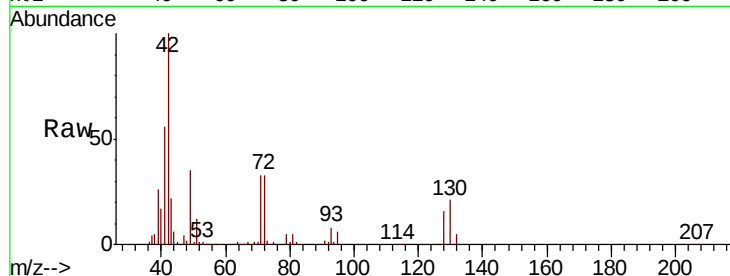




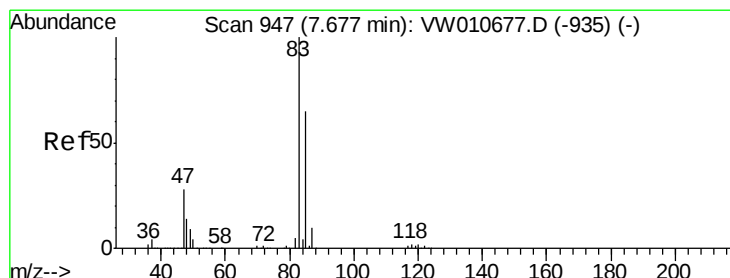
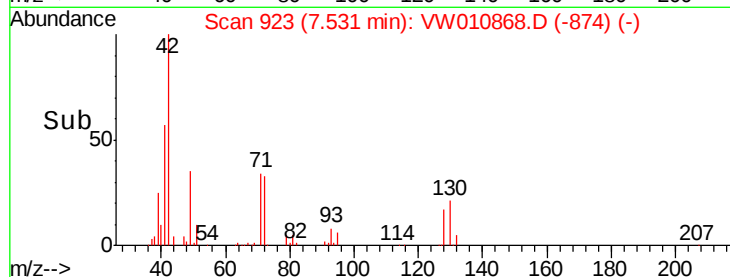
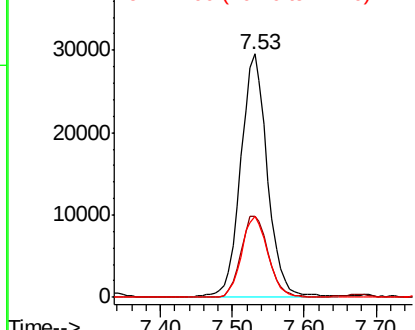
#29
Tetrahydrofuran
Concen: 118.498 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

Tot Ion: 42 Resp: 75503
Ion Ratio Lower Upper
42 100
72 34.5 28.7 43.1
71 33.3 26.6 39.8

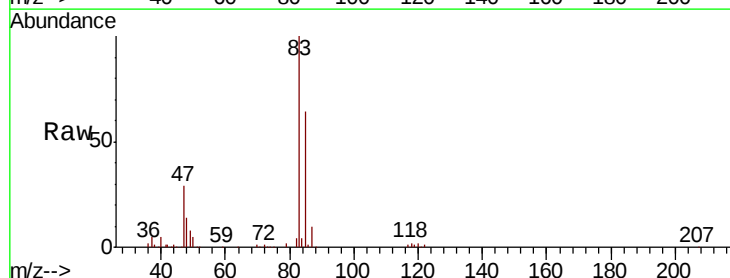


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

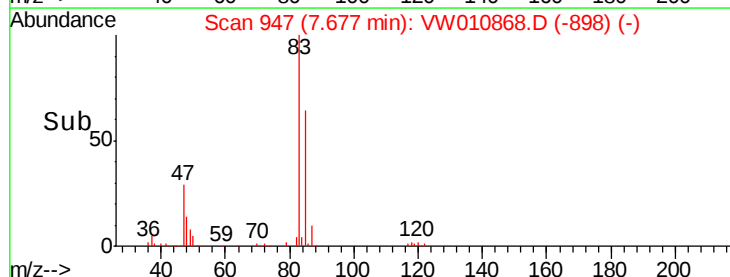
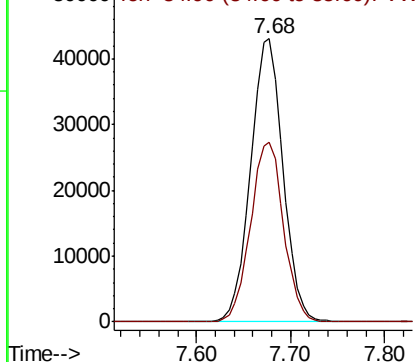


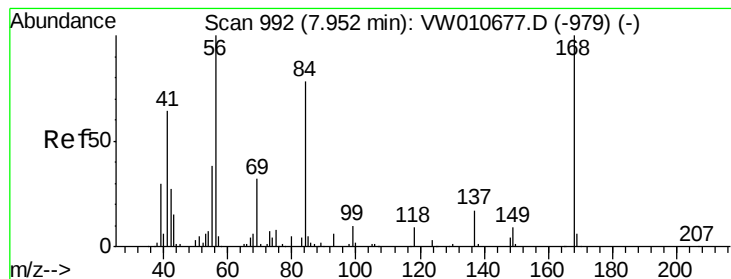
#30
Chloroform
Concen: 22.893 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 83 Resp: 103622
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8



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





#31

Cyclohexane

Concen: 19.778 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

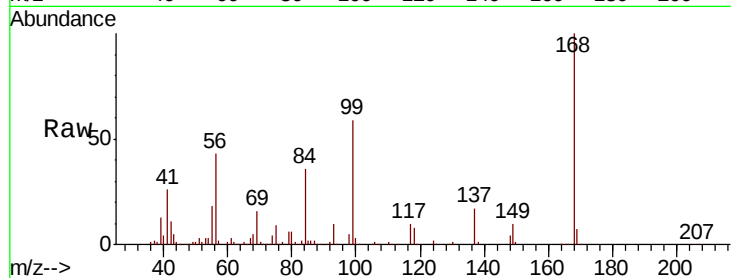
Tot Ion: 56 Resp: 108802

Ion Ratio Lower Upper

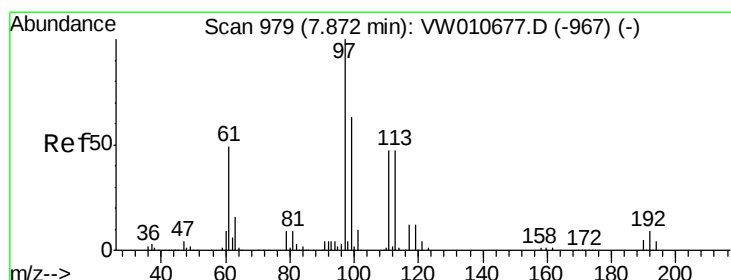
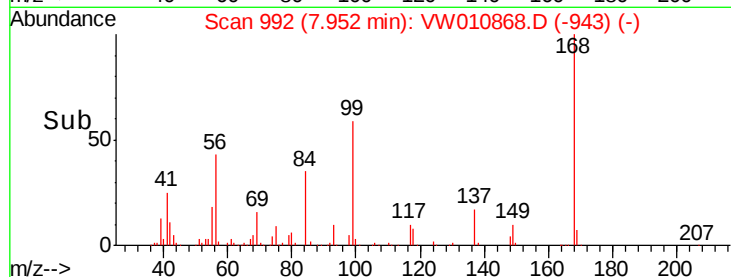
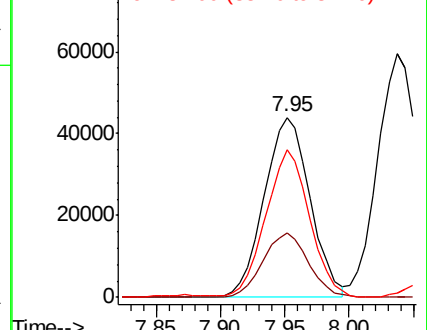
56 100

69 36.1 25.2 37.8

84 80.9 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 21.557 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

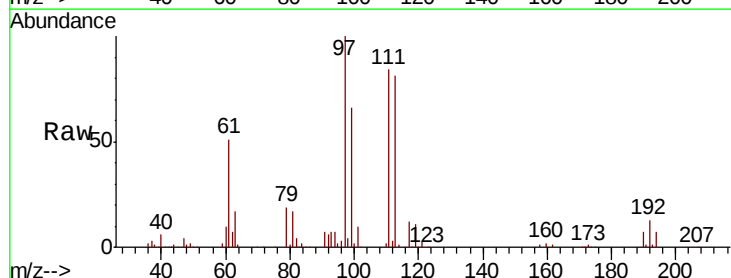
Tgt Ion: 97 Resp: 85237

Ion Ratio Lower Upper

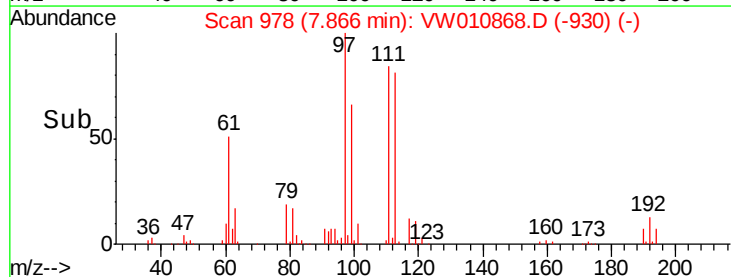
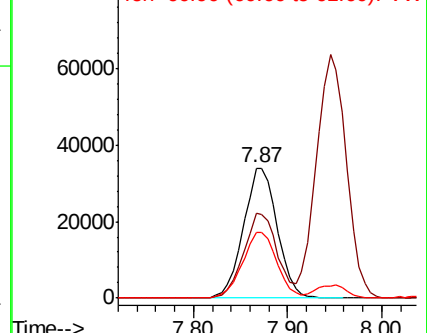
97 100

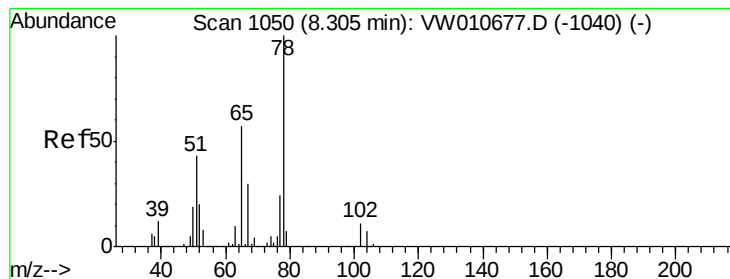
99 65.6 51.3 76.9

61 51.1 40.4 60.6



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: 58.665 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

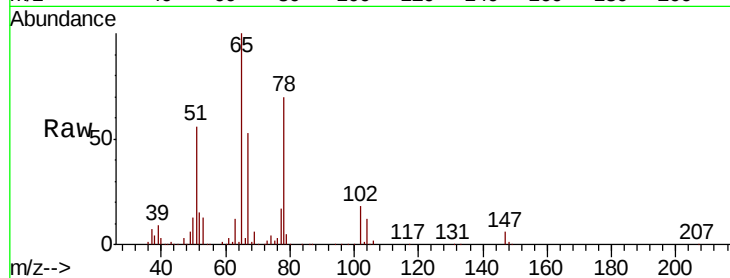
VW0619SBS02

Tot Ion: 65 Resp: 159947

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

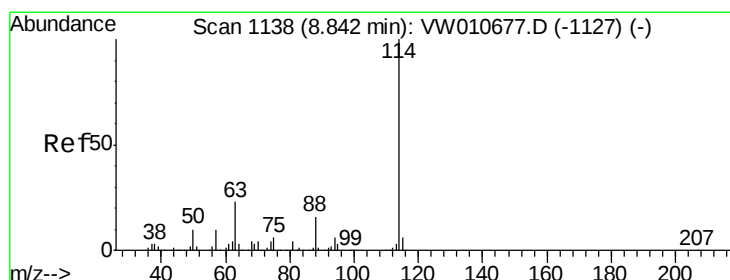
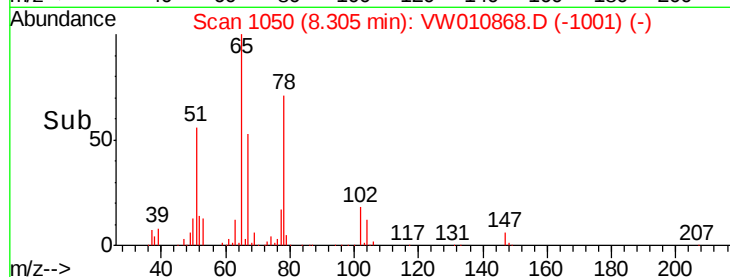
40000

20000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

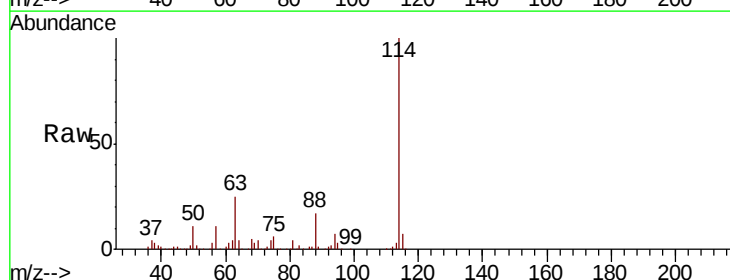
Tgt Ion: 114 Resp: 396575

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.4

88 16.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

250000

200000

150000

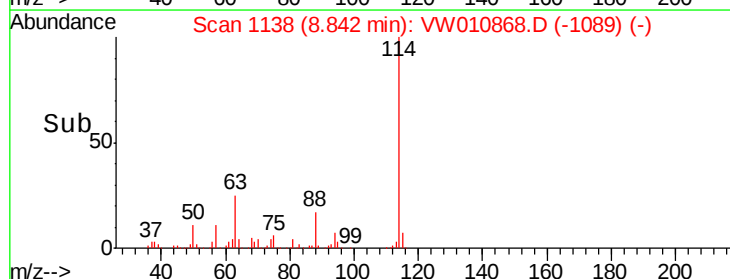
100000

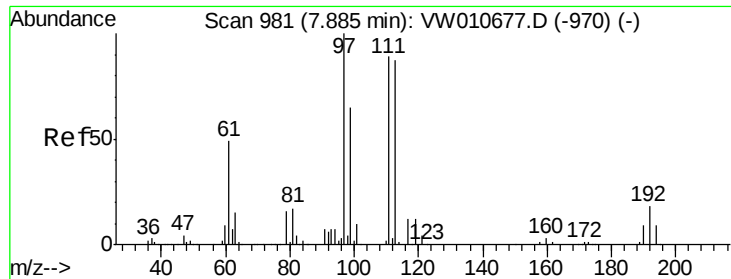
50000

0

8.80 8.90

Time-->

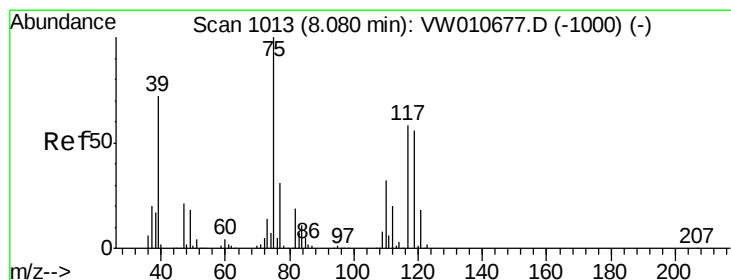
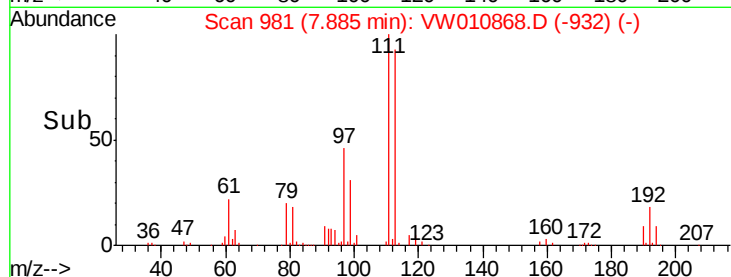
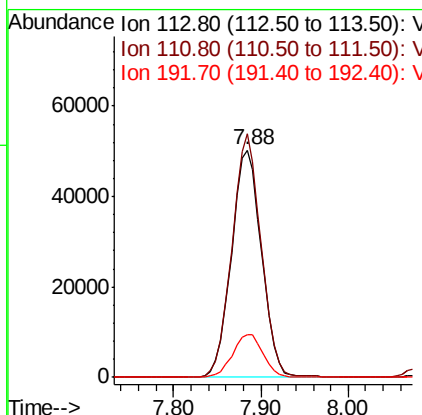
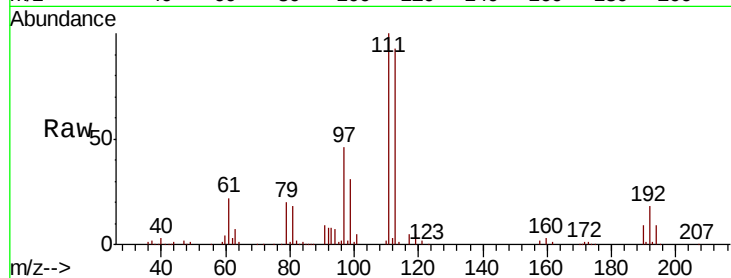




#35
 Dibromofluoromethane
 Concen: 55.776 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

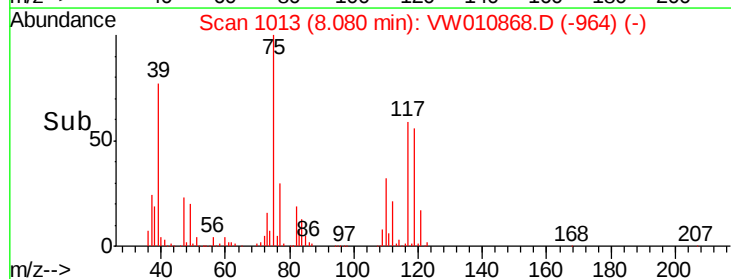
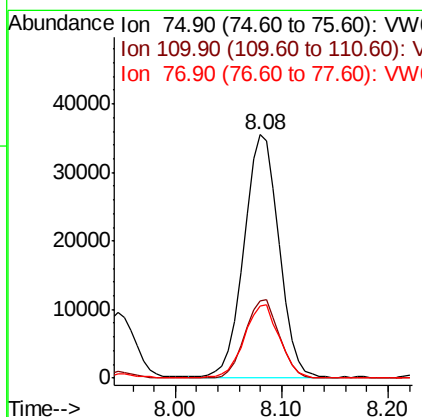
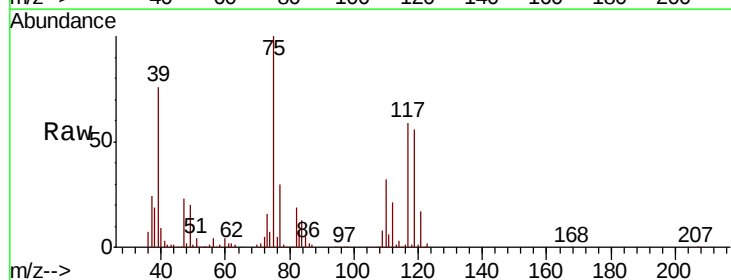
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

Tot Ion:113 Resp: 120059
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 123.8
 192 19.0 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 20.093 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion: 75 Resp: 81565
 Ion Ratio Lower Upper
 75 100
 110 31.8 15.8 47.3
 77 30.5 24.7 37.1

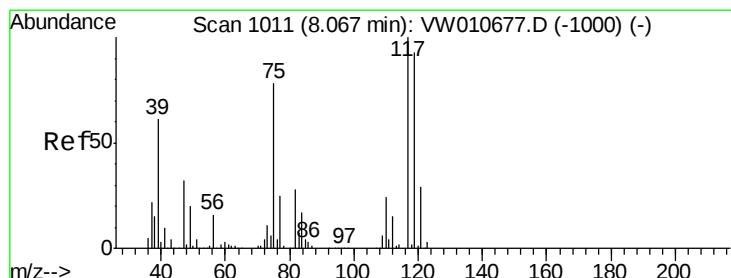
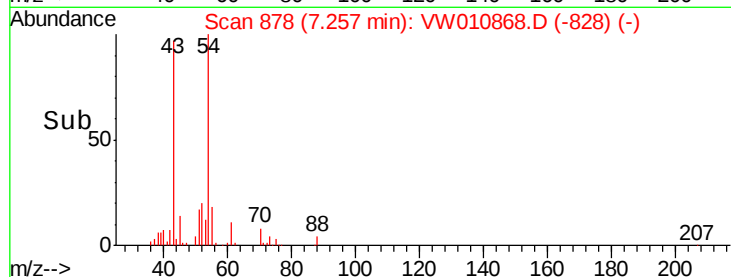
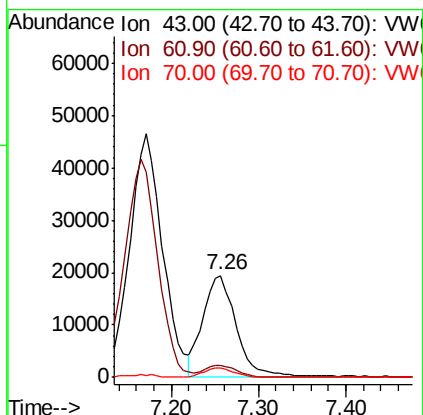
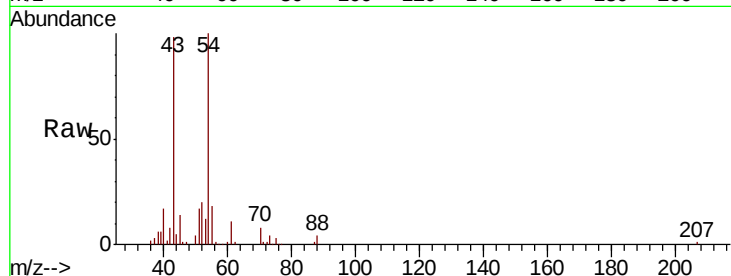




#37
Ethyl Acetate
Concen: 22.691 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

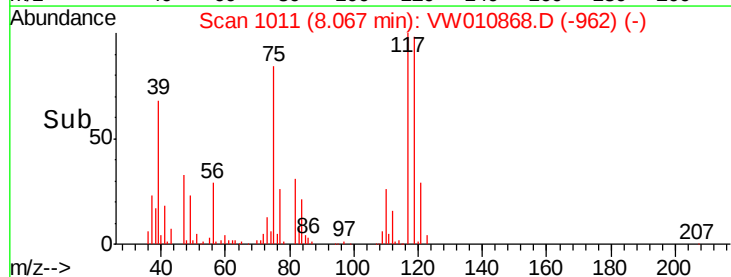
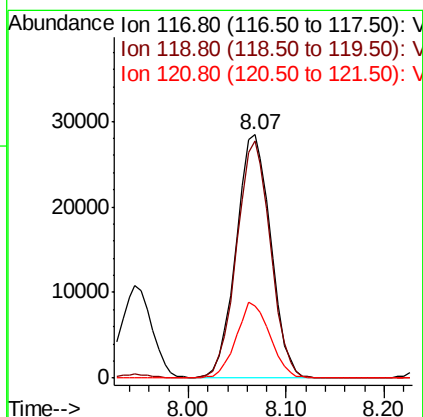
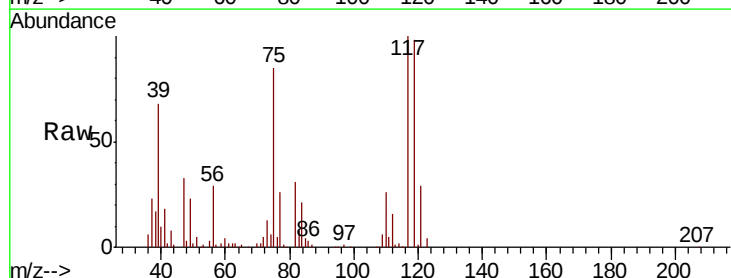
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

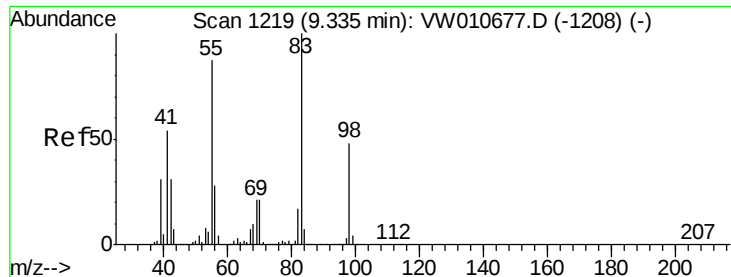
Tot Ion: 43 Resp: 51044
Ion Ratio Lower Upper
43 100
61 12.0 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.899 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 117 Resp: 69731
Ion Ratio Lower Upper
117 100
119 97.7 74.2 111.4
121 29.4 22.9 34.3

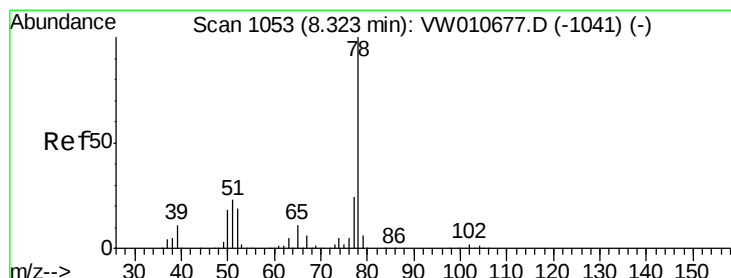
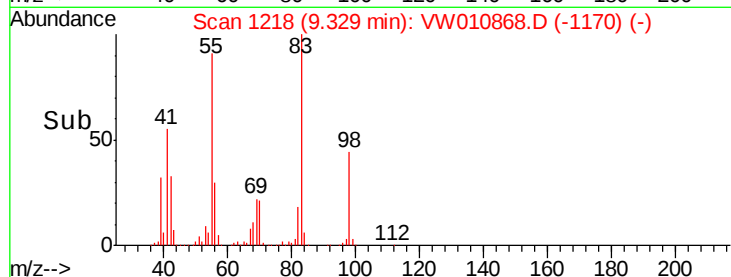
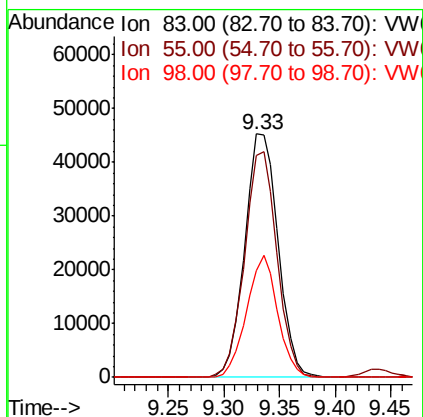
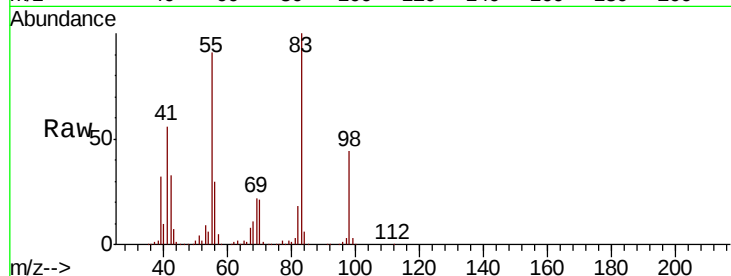




#39
Methvlcvclohexane
Concen: 18.340 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

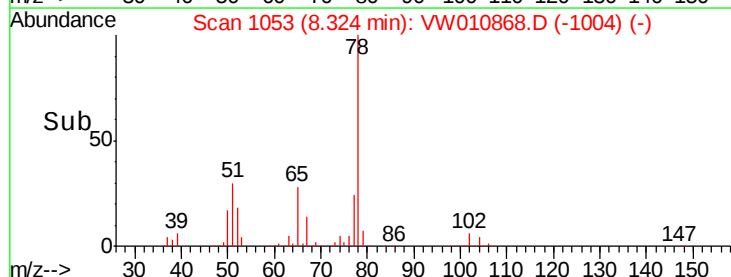
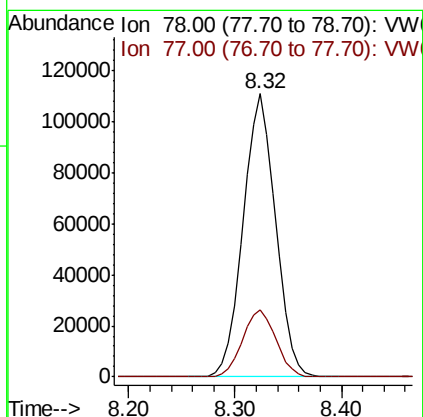
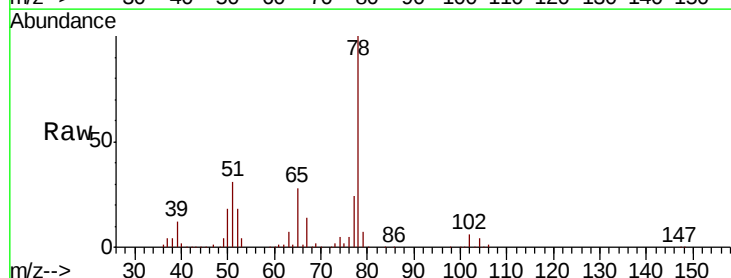
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

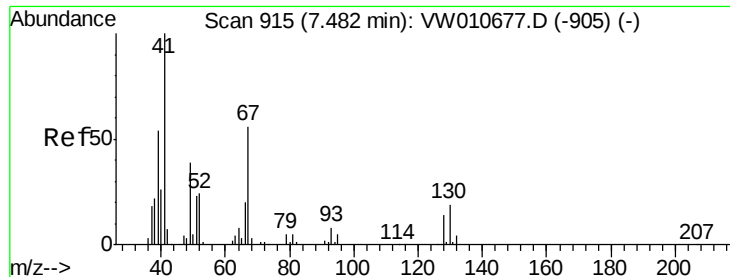
Tot Ion: 83 Resp: 94643
Ion Ratio Lower Upper
83 100
55 90.9 70.0 105.0
98 44.0 38.1 57.1



#40
Benzene
Concen: 21.467 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 78 Resp: 237727
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

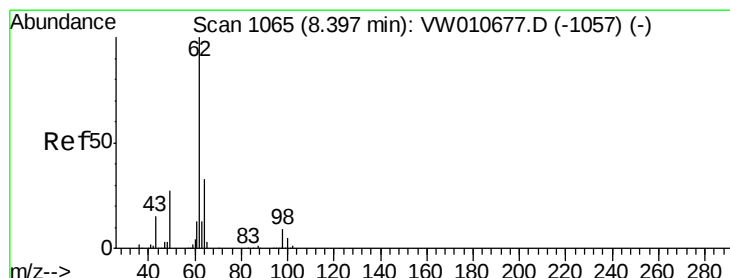
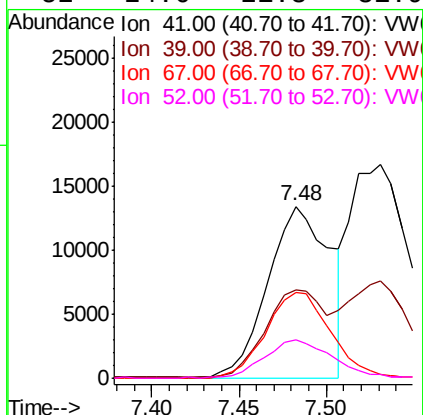
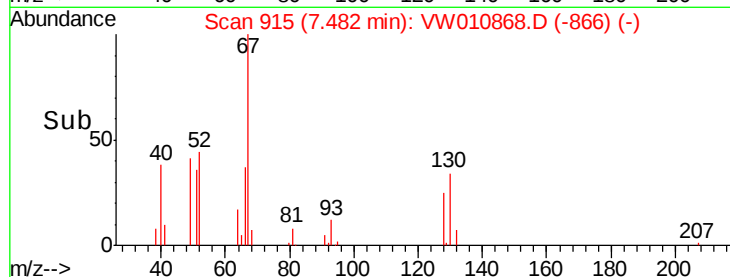
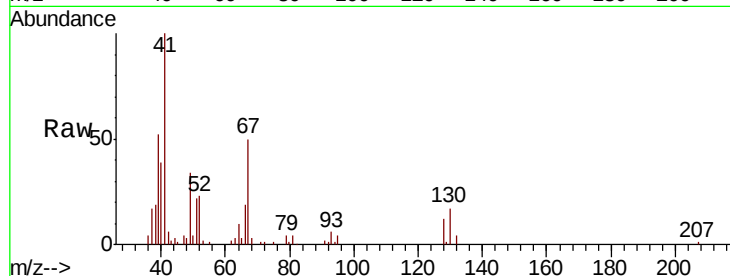




#41
Methacrylonitrile
Concen: 24.913 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

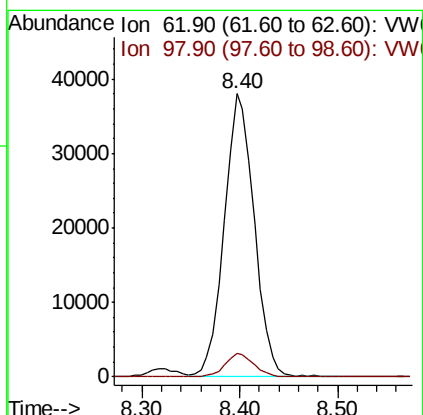
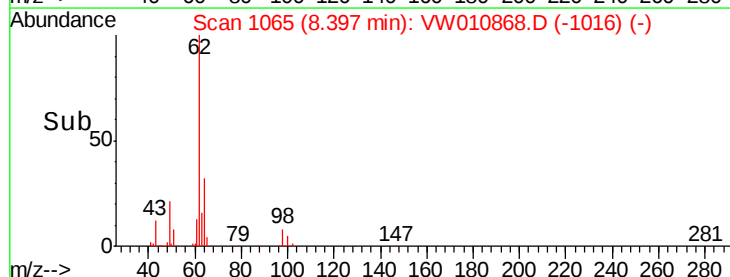
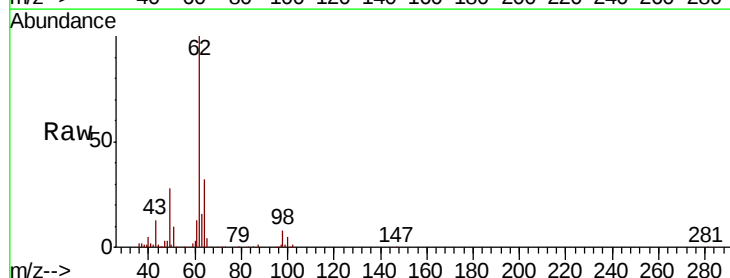
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

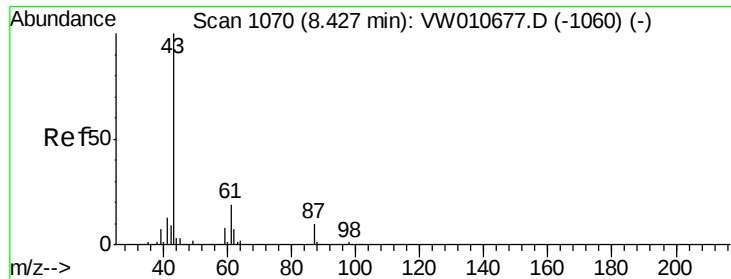
Tot Ion:	41	Resp:	33311
Ion	Ratio	Lower	Upper
41	100		
39	47.7	47.3	70.9
67	52.2	47.2	70.8
52	24.6	21.3	31.9



#42
1,2-Dichloroethane
Concen: 22.931 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:	62	Resp:	80598
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 22.535 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

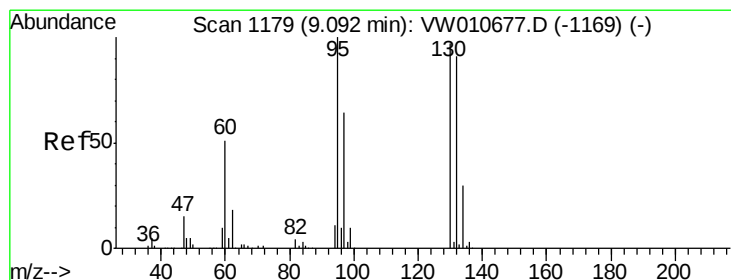
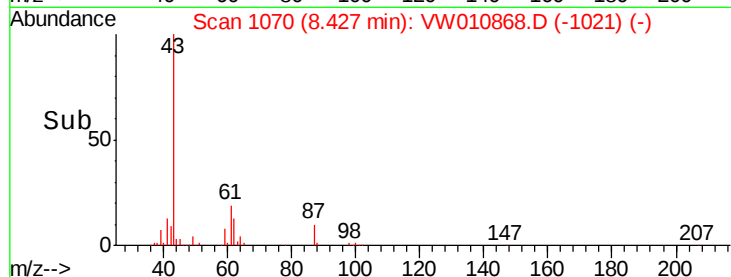
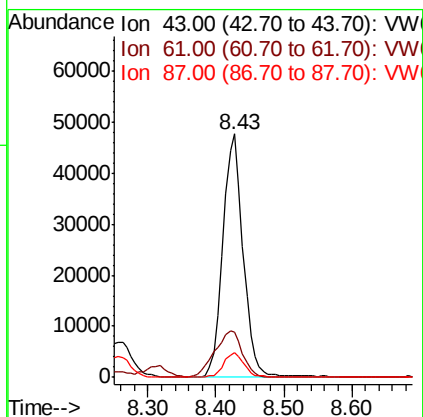
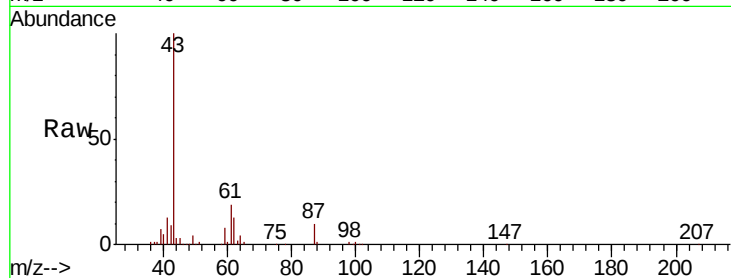
Tot Ion: 43 Resp: 97935

Ion Ratio Lower Upper

43 100

61 25.4 21.2 31.8

87 10.1 8.3 12.5



#44

Trichloroethene

Concen: 20.904 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010868.D

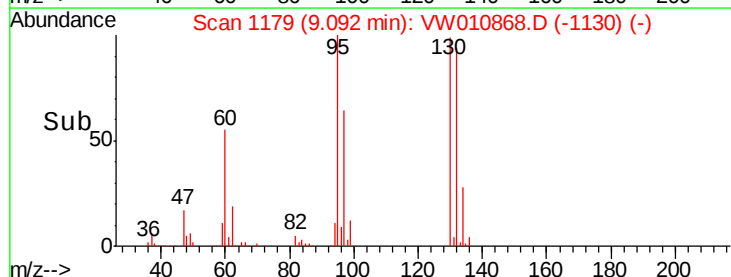
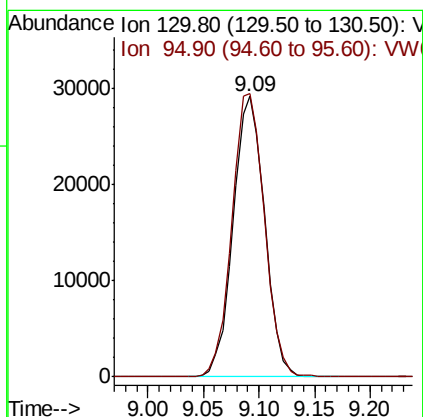
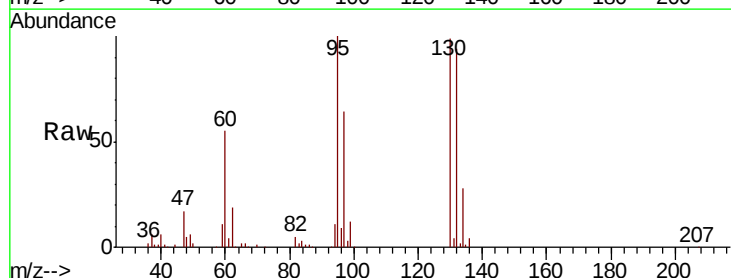
Acq: 20 Jun 2019 01:21

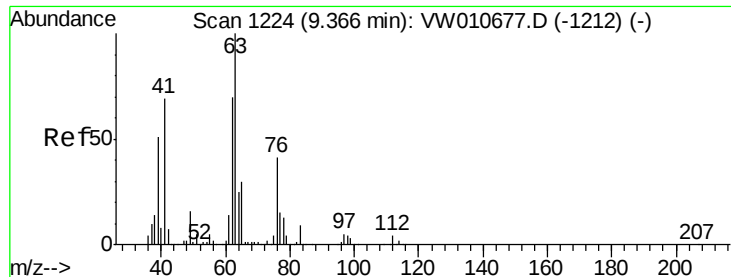
Tgt Ion: 130 Resp: 57104

Ion Ratio Lower Upper

130 100

95 100.9 0.0 207.0

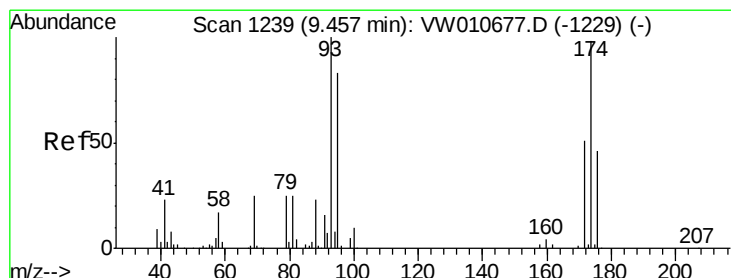
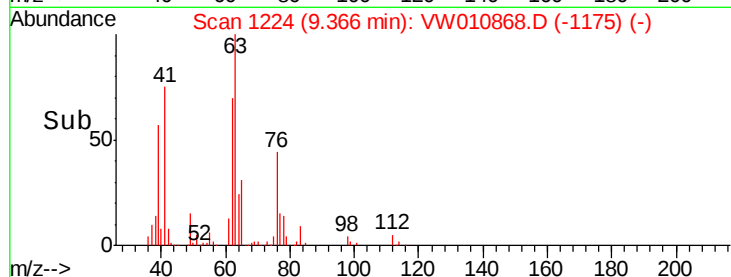
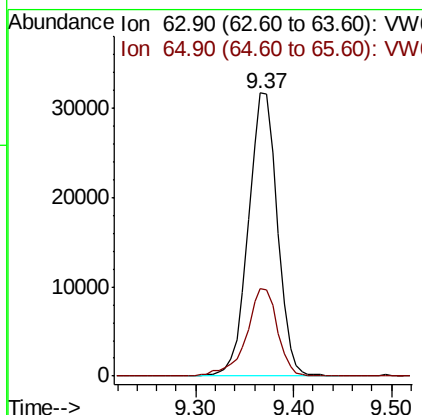
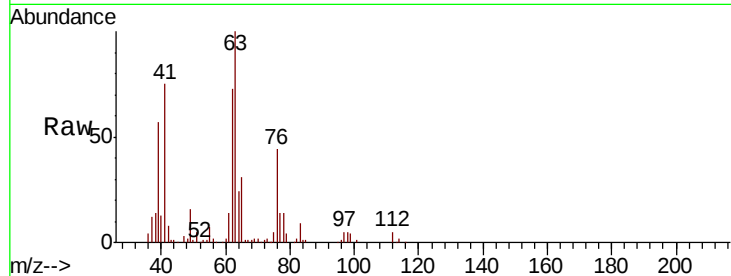




#45
 1,2-Dichloropropane
 Concen: 22.275 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

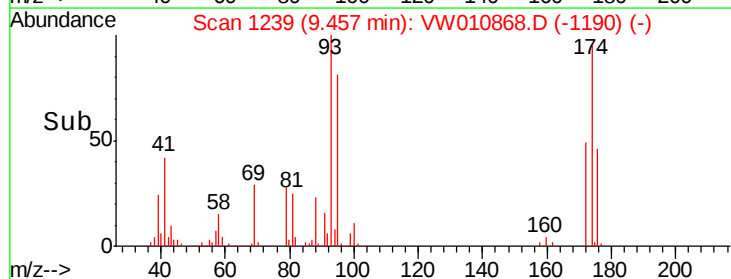
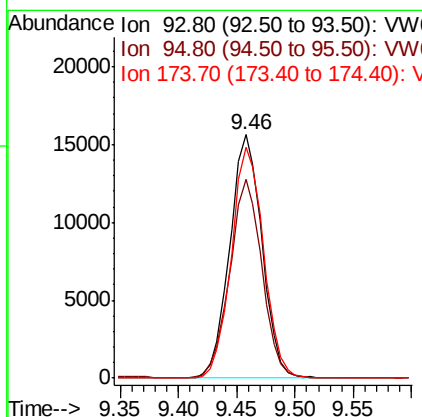
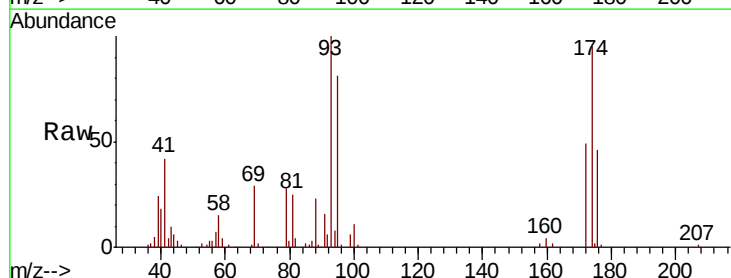
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

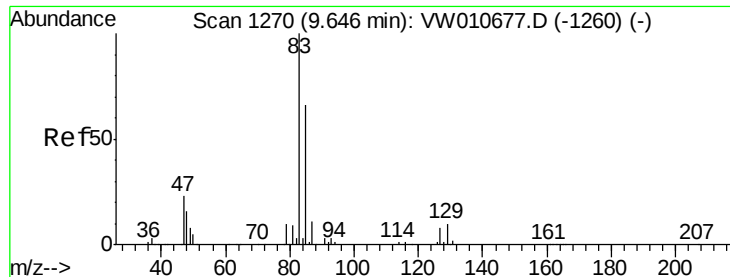
Tot Ion: 63 Resp: 65299
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.8 35.6



#46
 Dibromomethane
 Concen: 22.082 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion: 93 Resp: 30067
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.8 98.8
 174 95.2 77.4 116.0

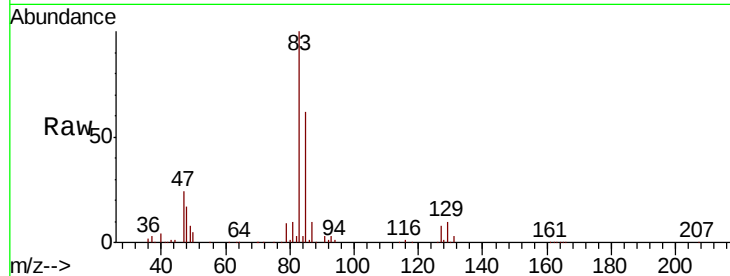




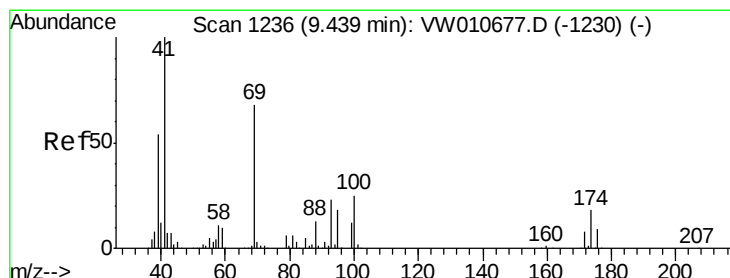
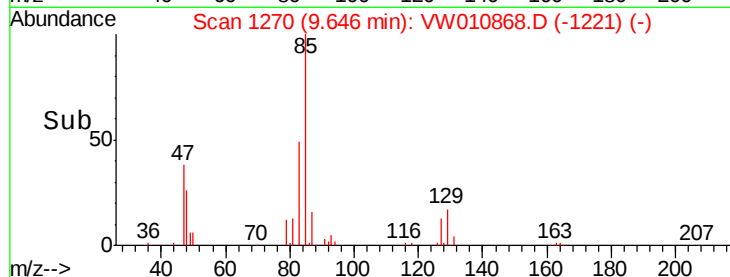
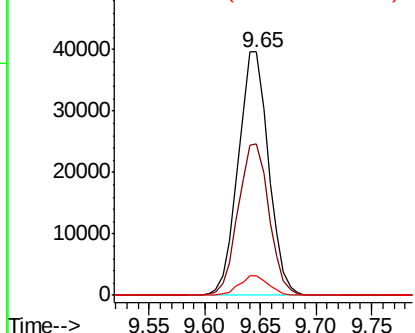
#47
Bromodichloromethane
Concen: 21.327 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

Tot Ion: 83 Resp: 75273
Ion Ratio Lower Upper
83 100
85 62.4 53.0 79.4
127 8.1 6.4 9.6

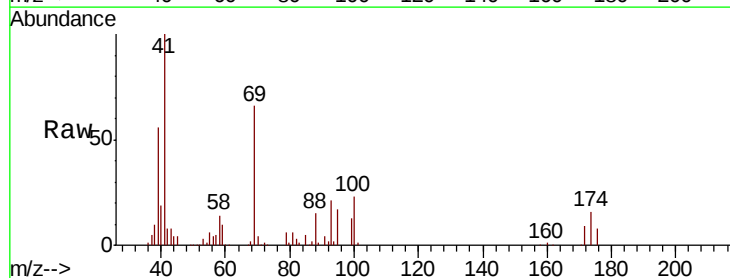


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

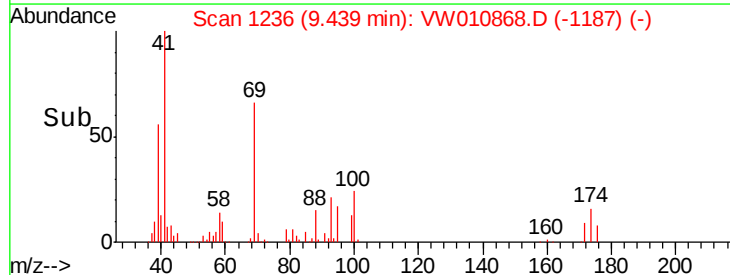
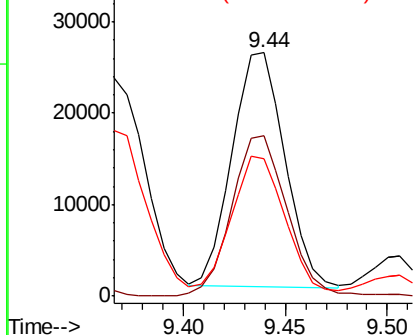


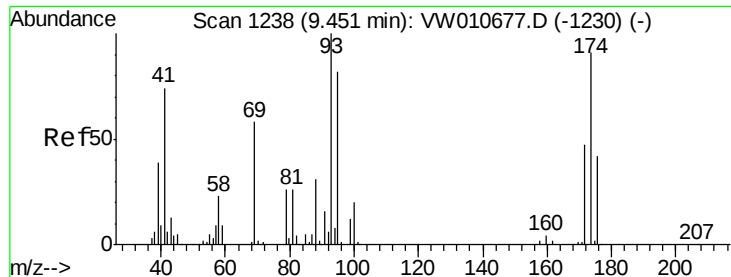
#48
Methyl methacrylate
Concen: 22.065 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 41 Resp: 46234
Ion Ratio Lower Upper
41 100
69 72.2 56.6 85.0
39 61.0 44.4 66.6



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





#49

1,4-Dioxane

Concen: 468.289 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

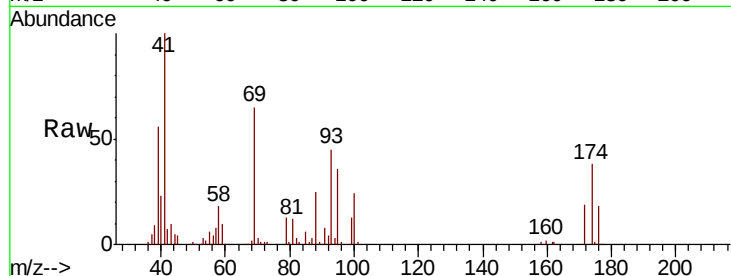
Tot Ion: 88 Resp: 9969

Ion Ratio Lower Upper

88 100

43 42.4 34.2 51.4

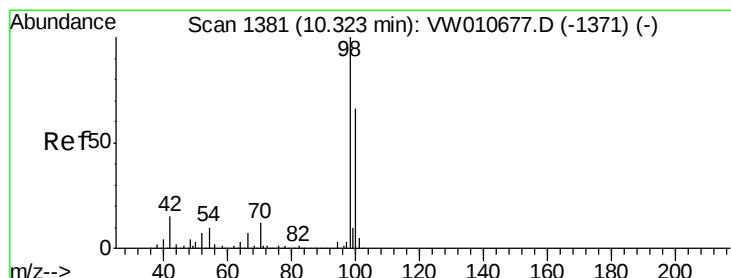
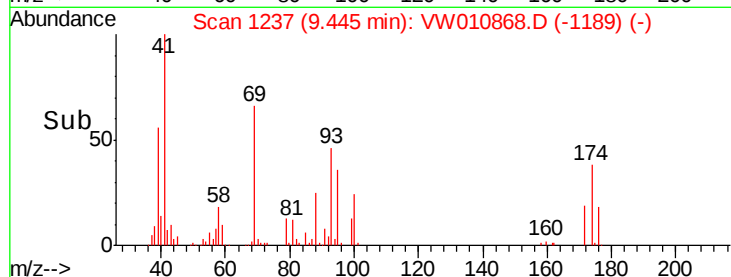
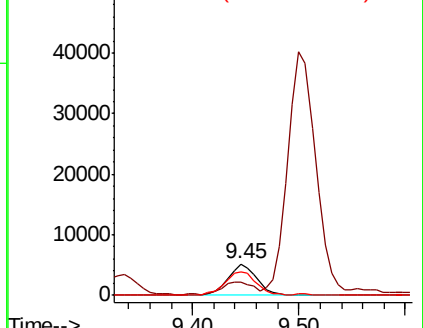
58 81.4 69.0 103.4



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: 52.156 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010868.D

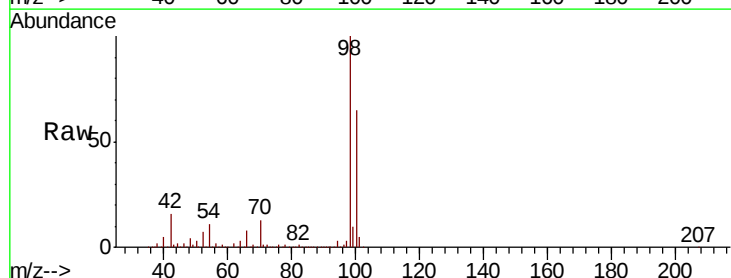
Acq: 20 Jun 2019 01:21

Tgt Ion: 98 Resp: 492301

Ion Ratio Lower Upper

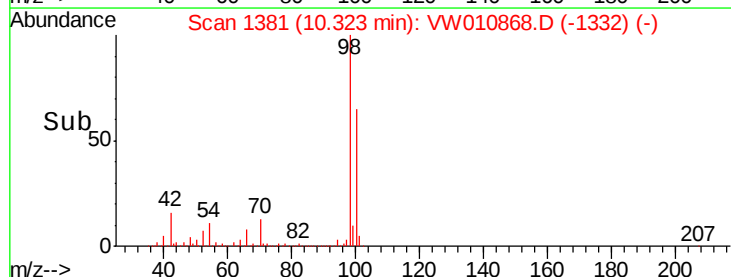
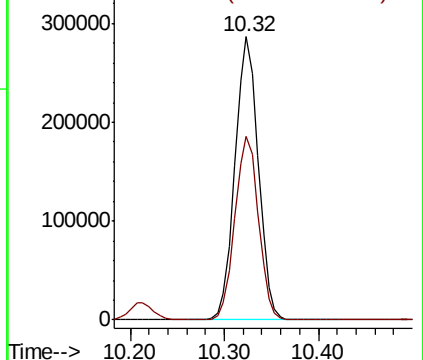
98 100

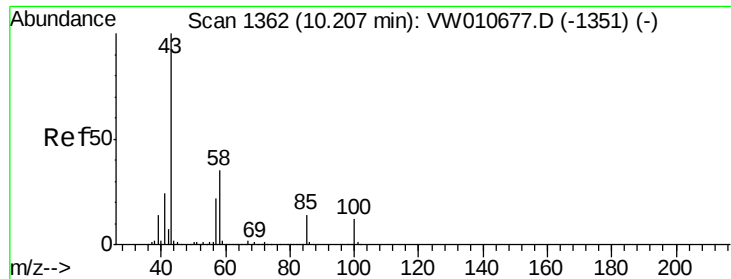
100 65.6 53.0 79.6



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: 117.271 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

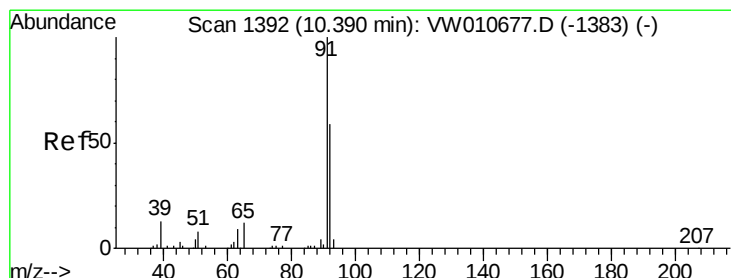
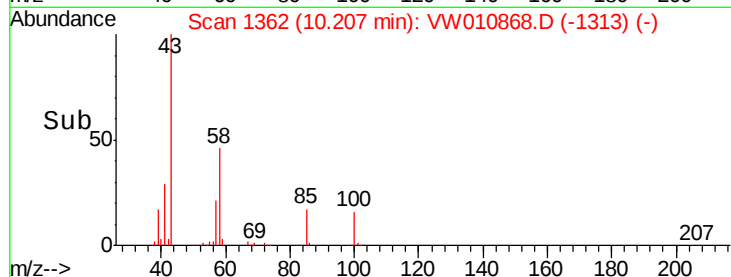
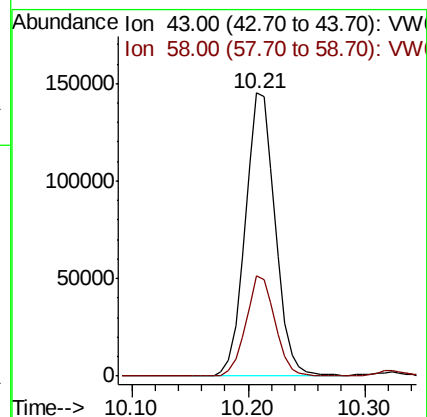
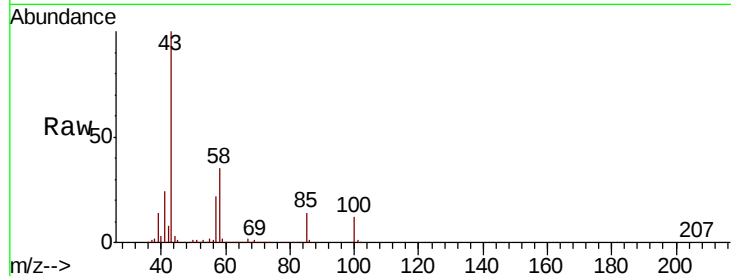
VW0619SBS02

Tot Ion: 43 Resp: 260361

Ion Ratio Lower Upper

43 100

58 34.5 28.4 42.6



#52

Toluene

Concen: 21.178 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010868.D

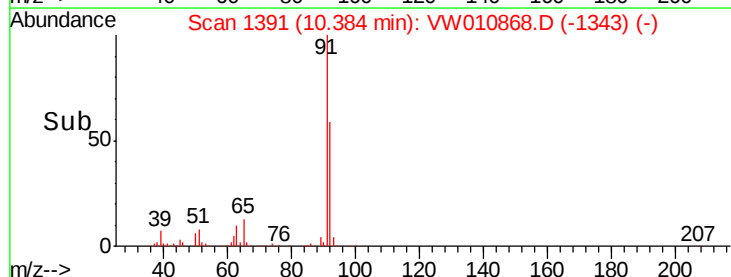
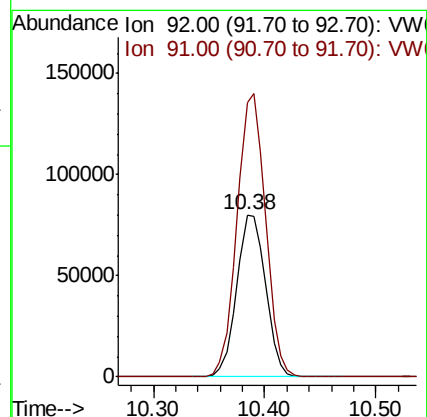
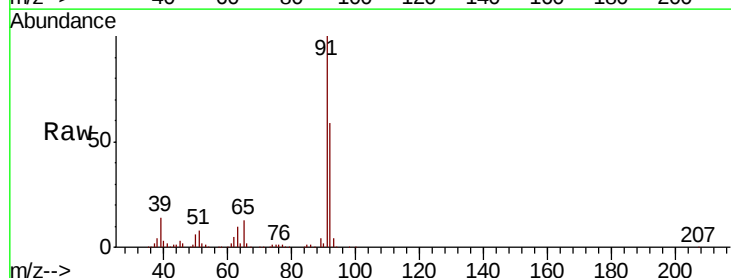
Acq: 20 Jun 2019 01:21

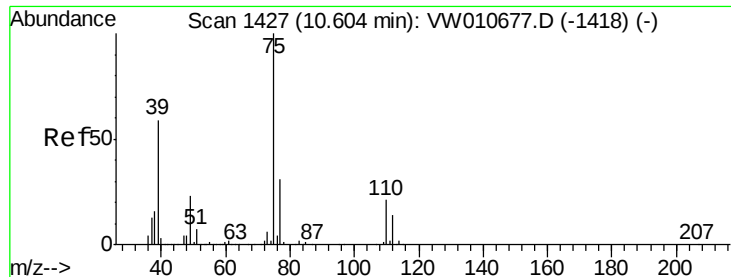
Tgt Ion: 92 Resp: 144301

Ion Ratio Lower Upper

92 100

91 172.4 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 20.301 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

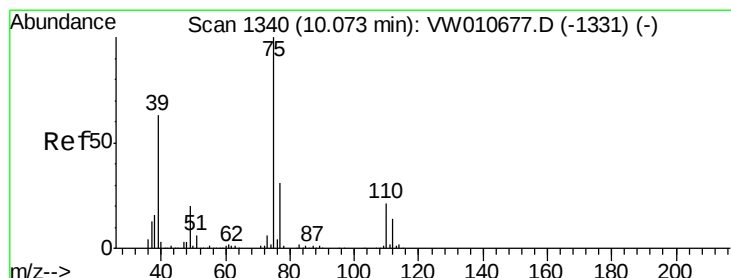
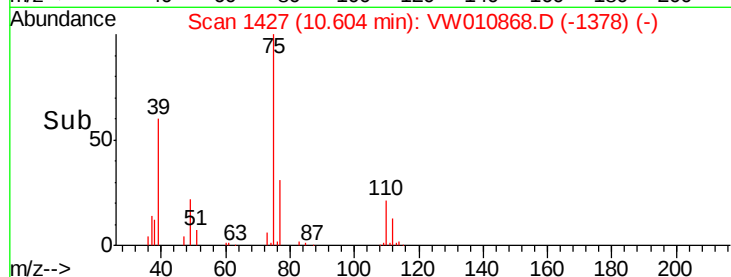
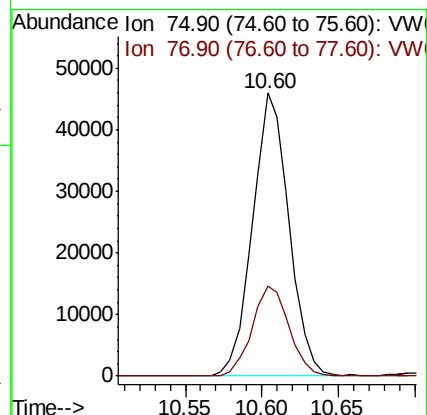
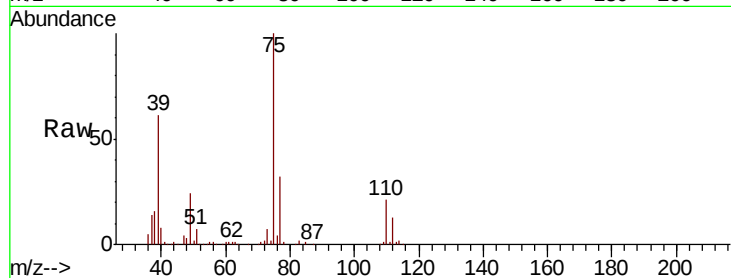
VW0619SBS02

Tot Ion: 75 Resp: 75893

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.602 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

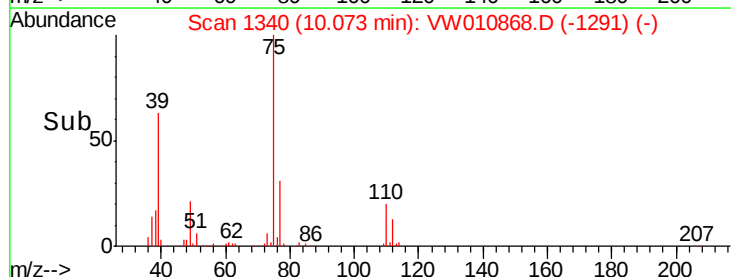
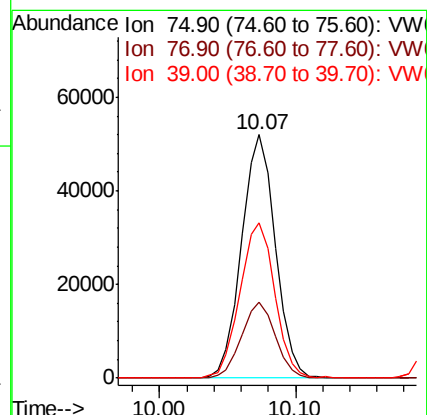
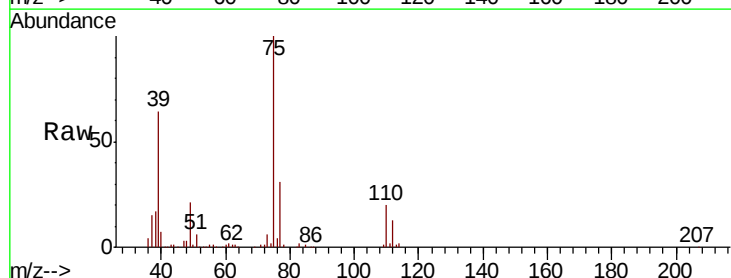
Tgt Ion: 75 Resp: 90630

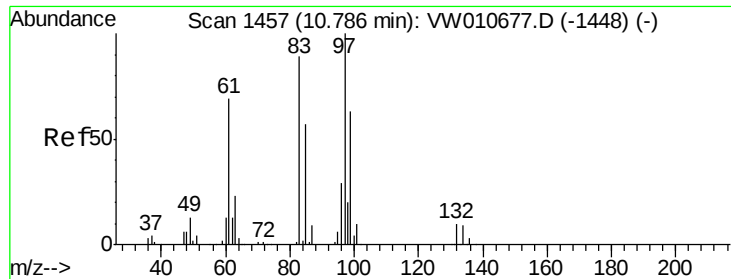
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 63.4 50.1 75.1

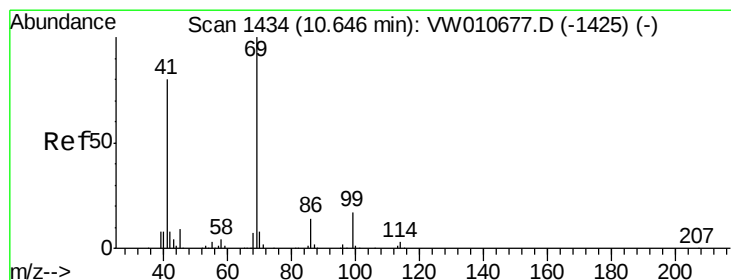
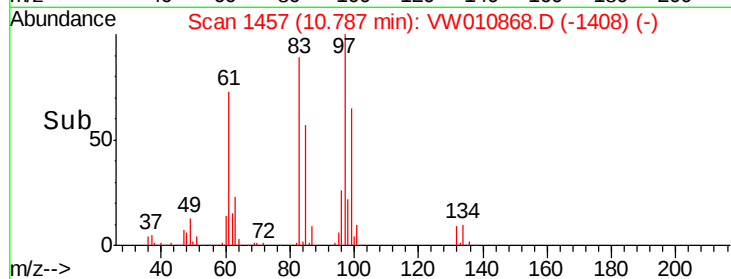
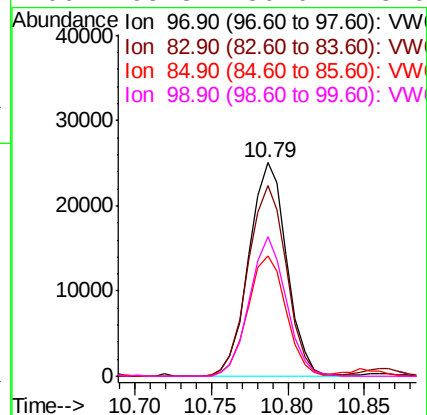
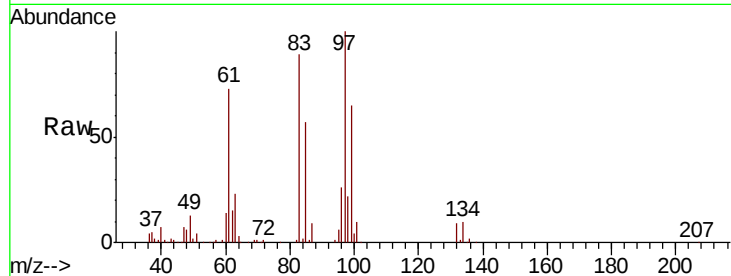




#55
 1,1,2-Trichloroethane
 Concen: 22.022 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

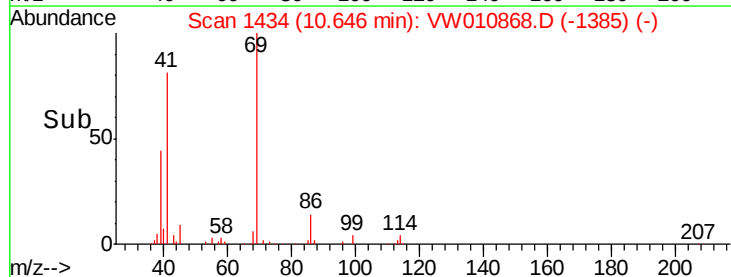
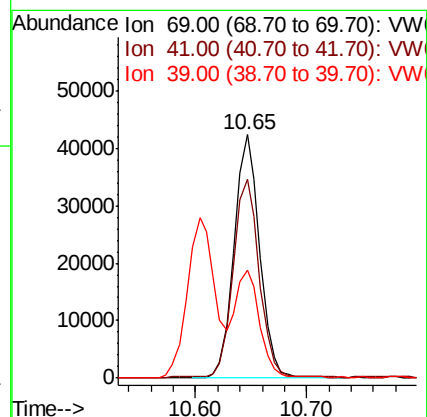
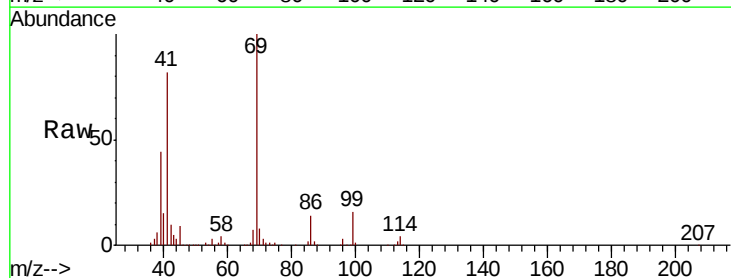
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

Tot Ion:	97	Resp:	43196
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.1	106.7
85	56.5	45.2	67.8
99	65.3	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 22.317 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion:	69	Resp:	67358
Ion	Ratio	Lower	Upper
69	100		
41	84.6	64.8	97.2
39	41.7	32.2	48.2

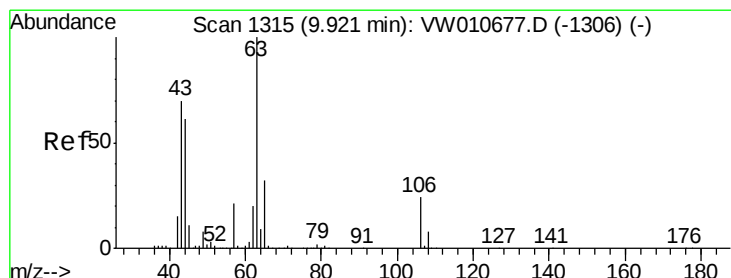
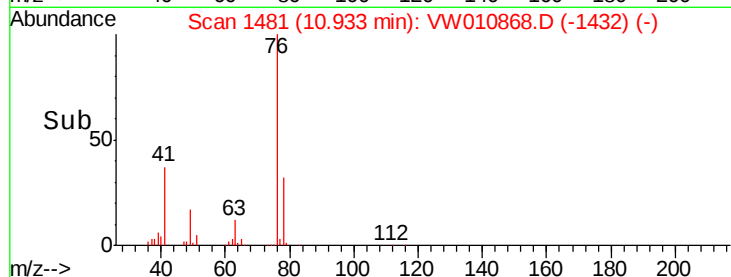
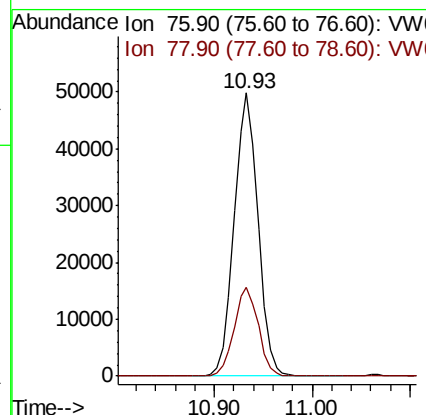
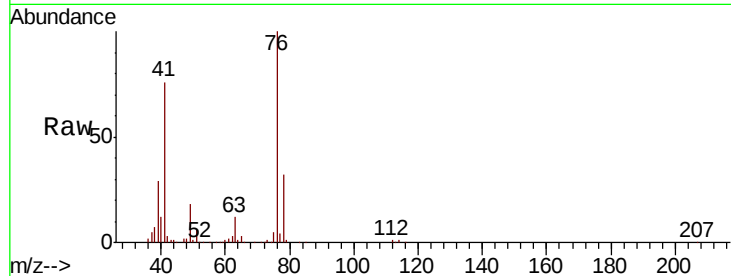




#57
 1,3-Dichloropropane
 Concen: 22.668 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

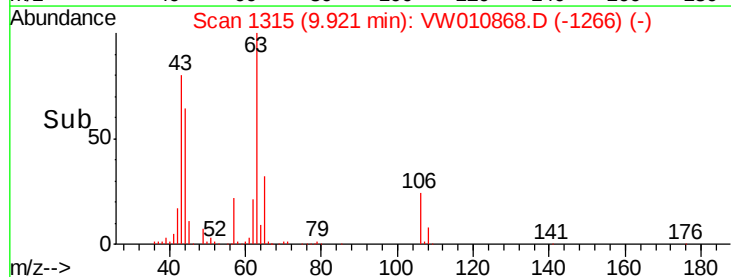
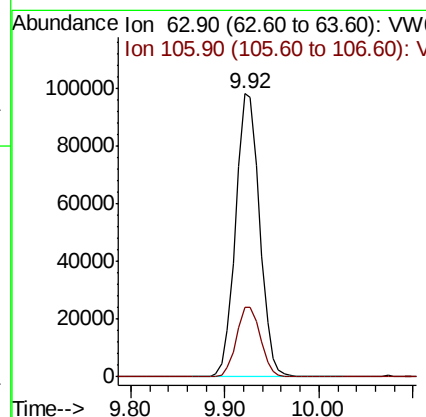
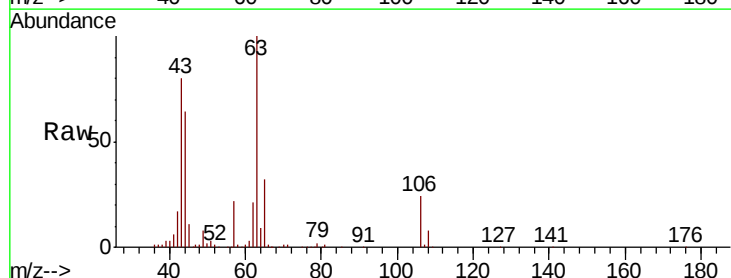
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

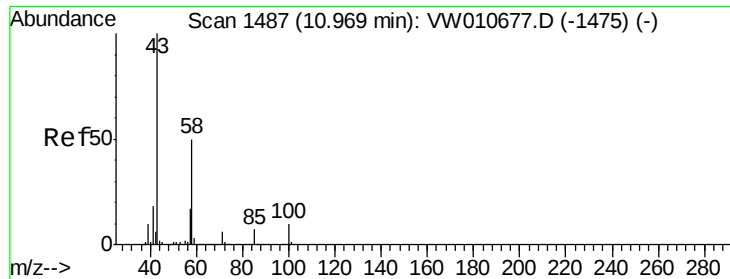
Tot Ion: 76 Resp: 83795
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.106 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion: 63 Resp: 174067
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.1 30.1

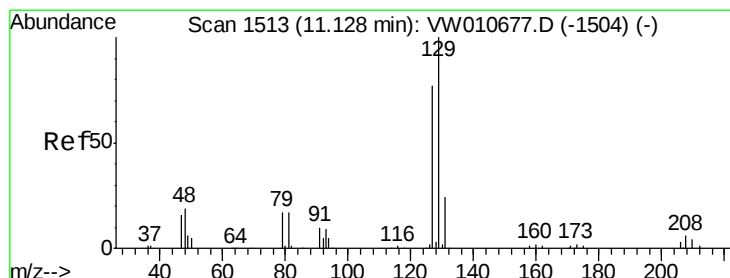
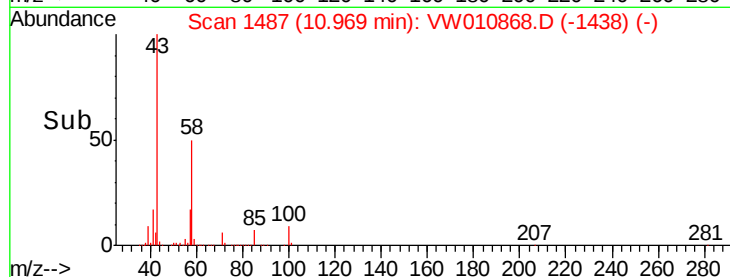
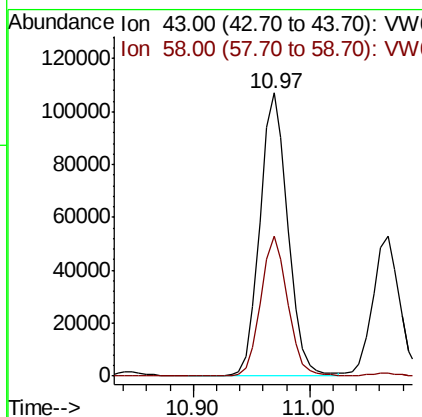
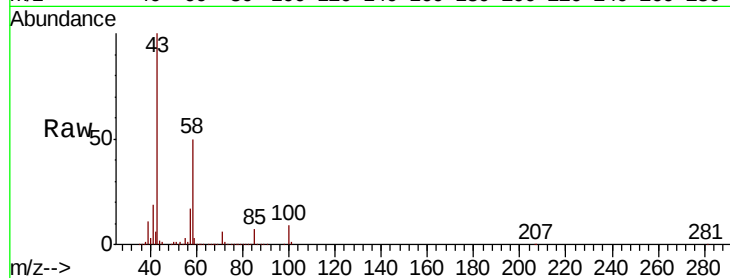




#59
2-Hexanone
Concen: 110.519 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

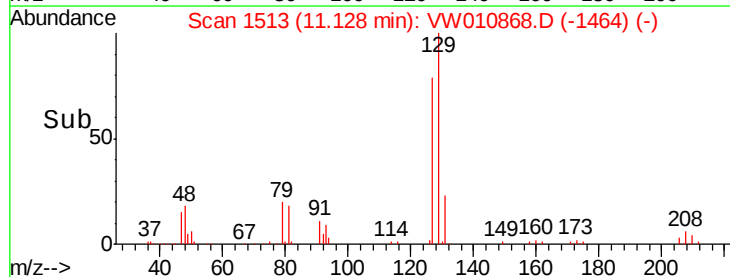
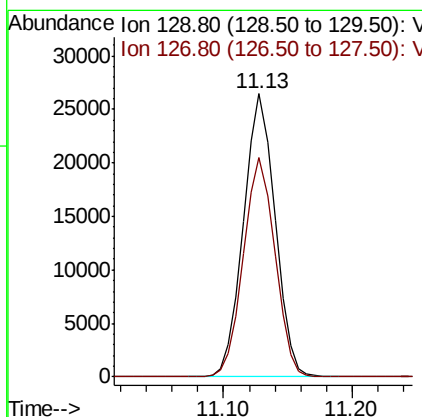
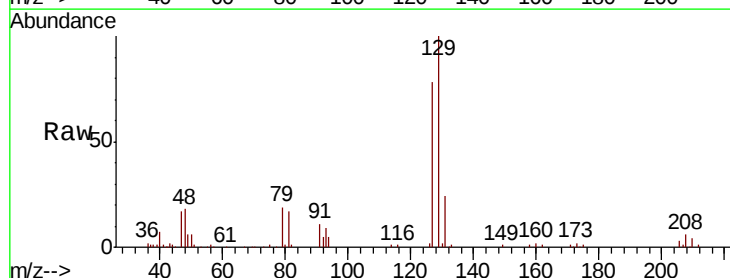
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

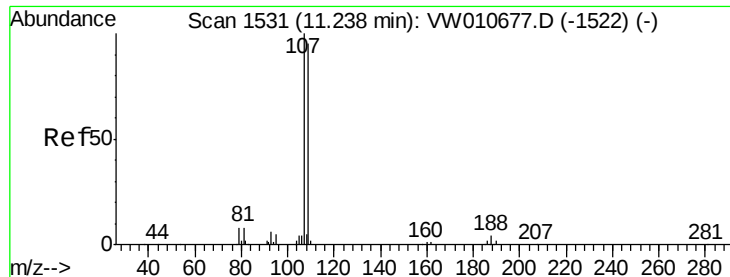
Tot Ion: 43 Resp: 177336
Ion Ratio Lower Upper
43 100
58 47.8 24.9 74.6



#60
Dibromochloromethane
Concen: 20.614 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 129 Resp: 44824
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.884 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

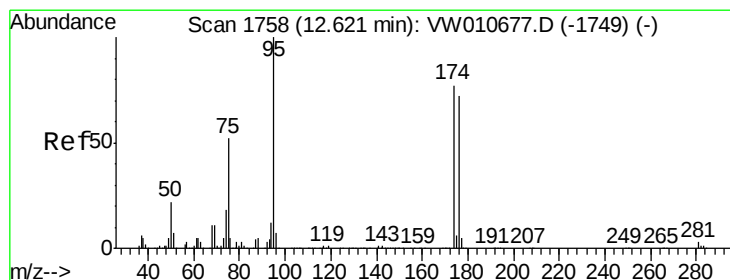
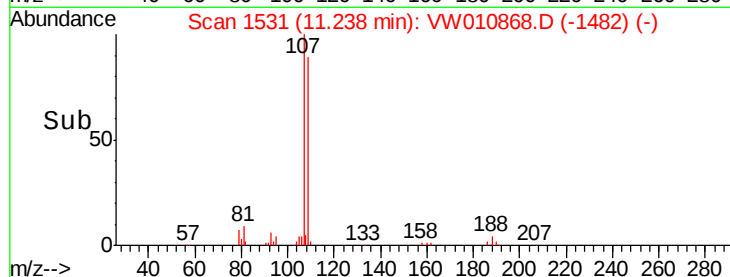
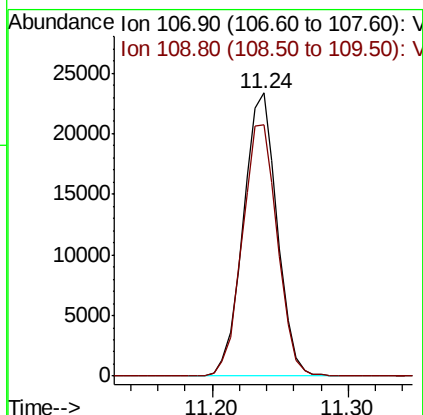
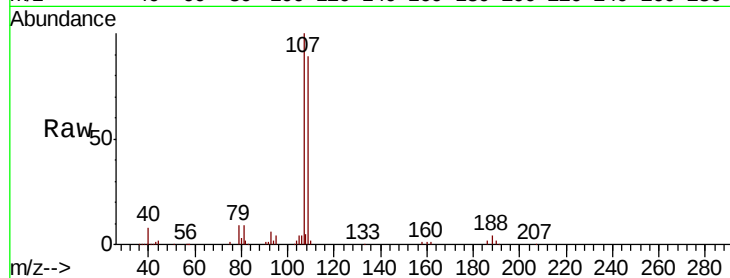
VW0619SBS02

Tot Ion:107 Resp: 40672

Ion Ratio Lower Upper

107 100

109 91.8 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 54.678 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

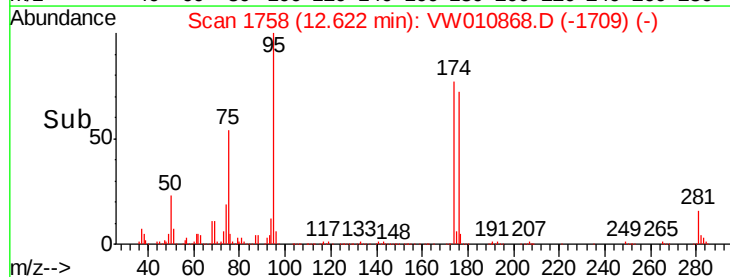
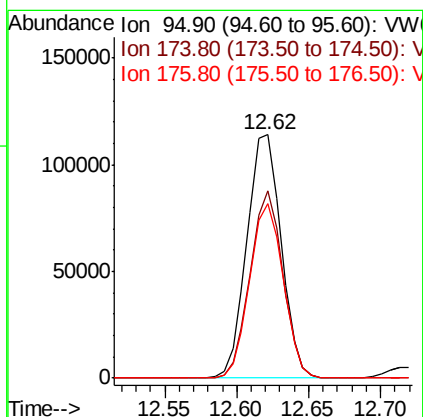
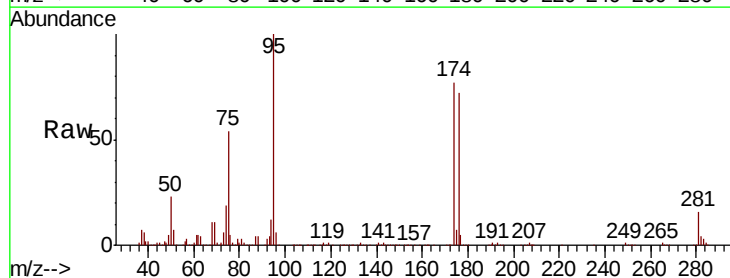
Tgt Ion: 95 Resp: 187804

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

176 70.5 0.0 144.8

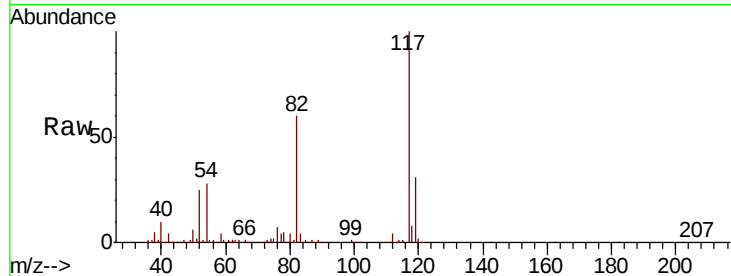




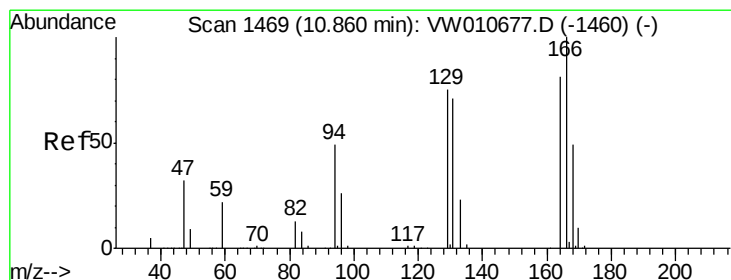
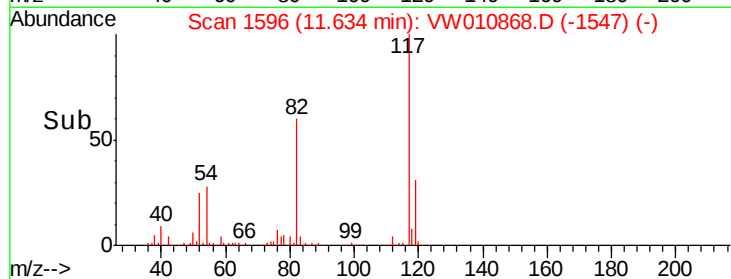
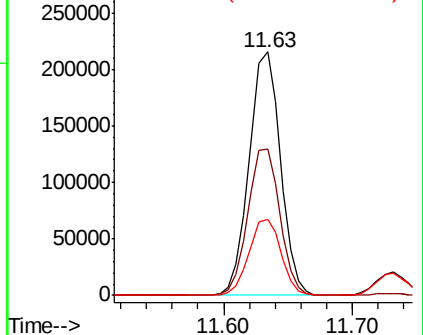
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

Tot Ion:117 Resp: 361449
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 31.2 25.1 37.7

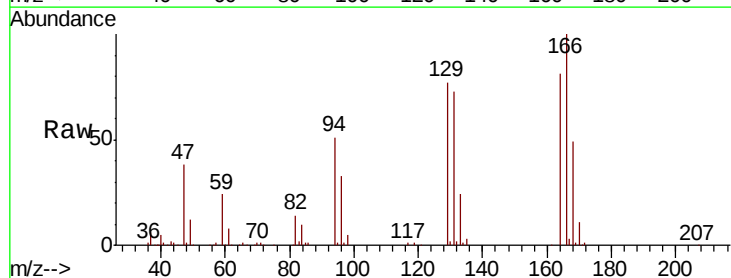


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

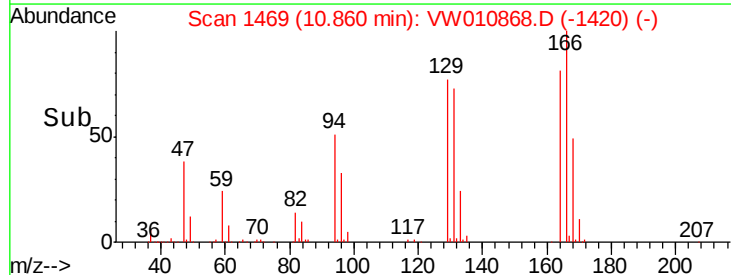
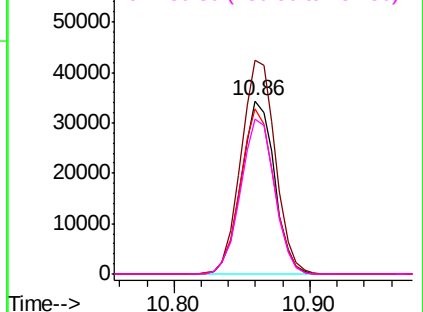


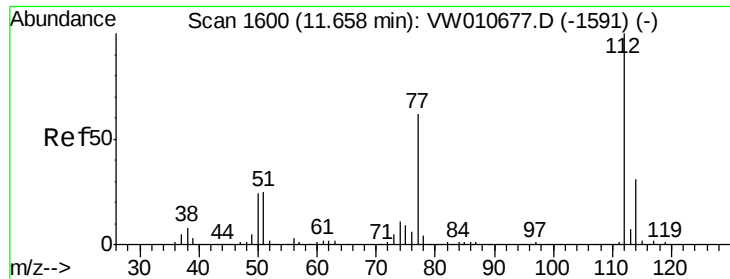
#64
Tetrachloroethene
Concen: 24.506 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:164 Resp: 58810
Ion Ratio Lower Upper
164 100
166 123.6 99.2 148.8
129 95.2 74.6 112.0
131 89.7 70.2 105.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

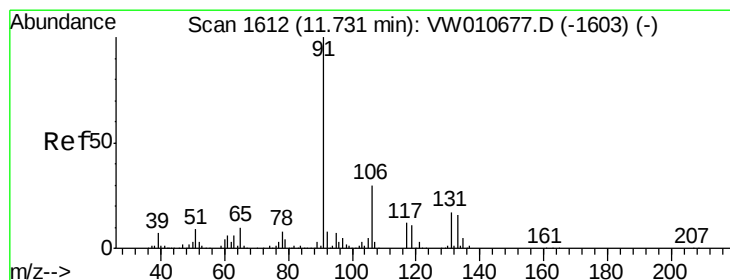
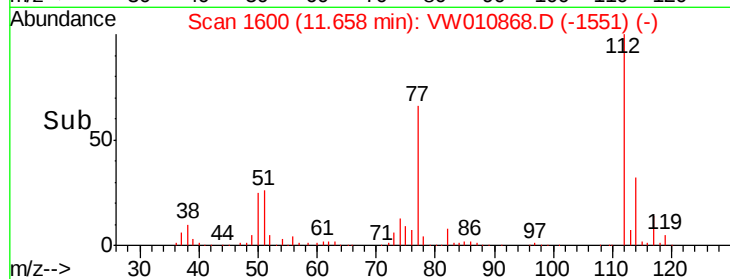
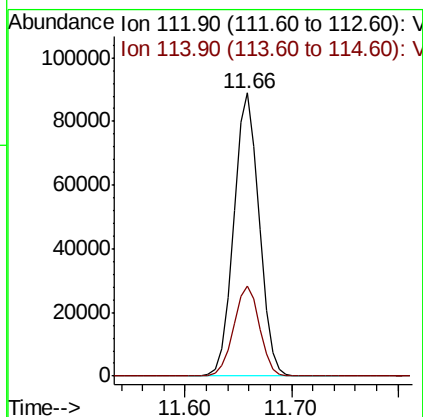
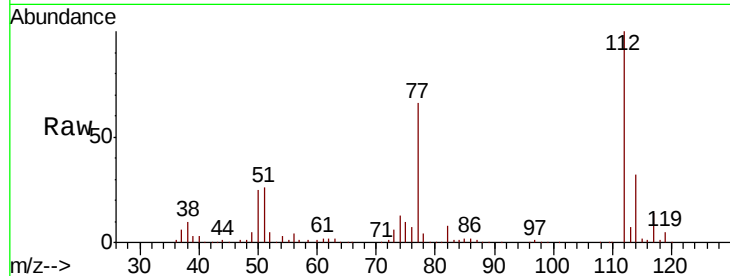




#65
Chlorobenzene
Concen: 20.918 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

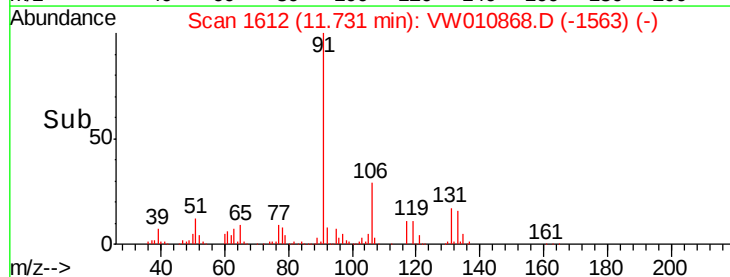
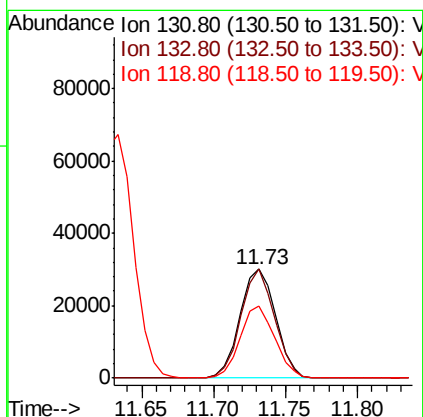
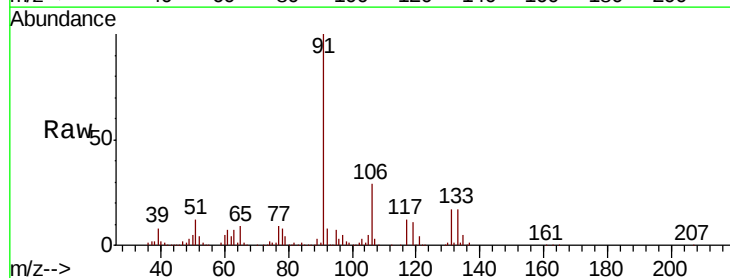
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

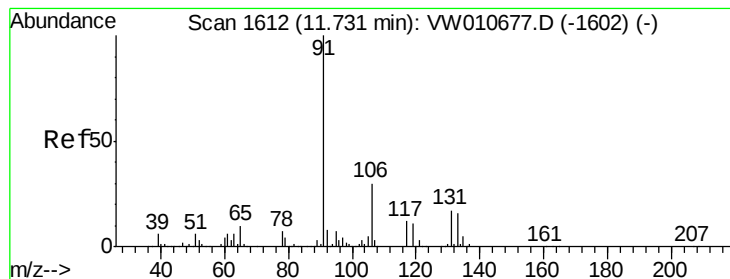
Tot Ion:112 Resp: 148683
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.938 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:131 Resp: 51519
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 20.466 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

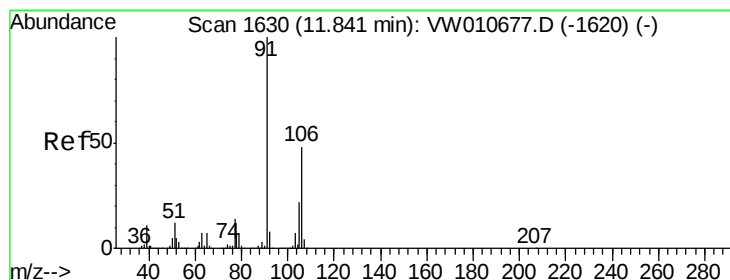
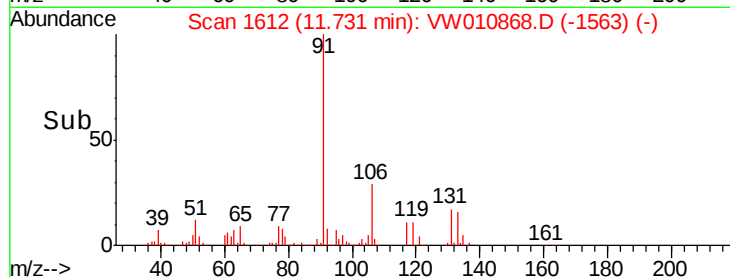
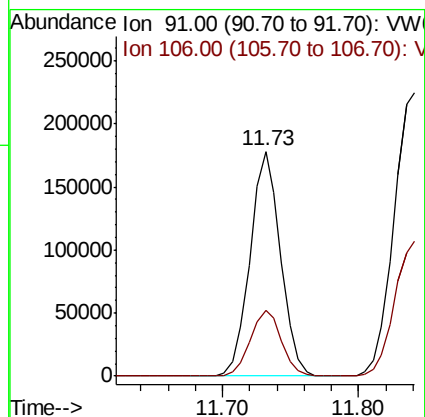
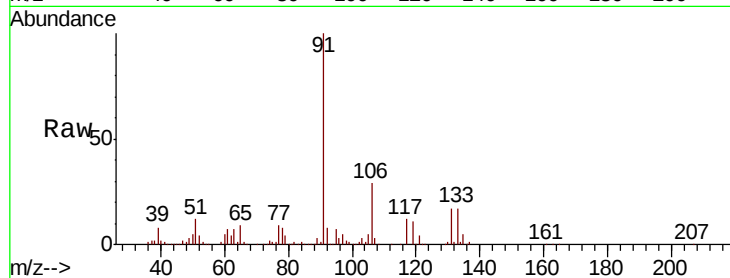
VW0619SBS02

Tot Ion: 91 Resp: 279577

Ion Ratio Lower Upper

91 100

106 29.1 24.2 36.4



#68

m/p-Xylenes

Concen: 41.174 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010868.D

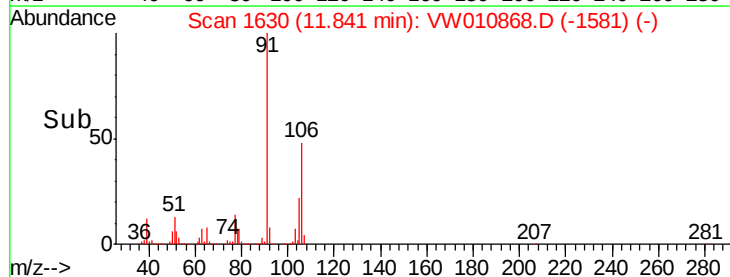
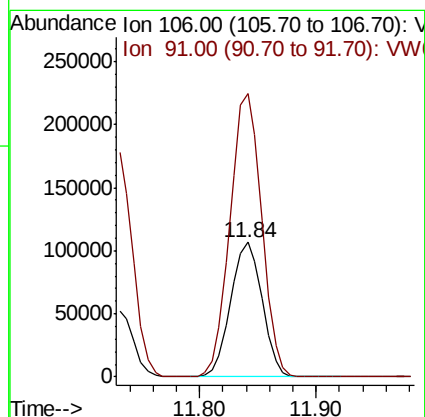
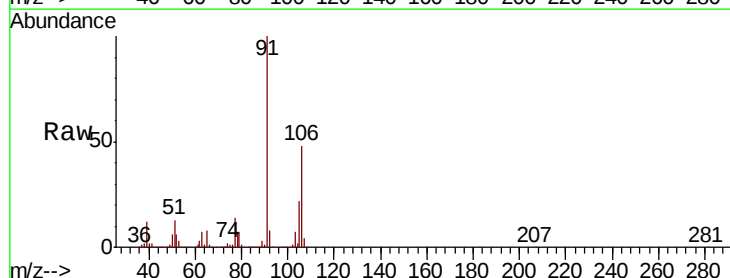
Acq: 20 Jun 2019 01:21

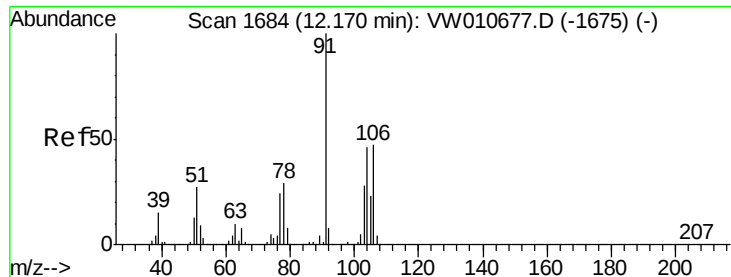
Tgt Ion: 106 Resp: 201339

Ion Ratio Lower Upper

106 100

91 210.5 166.5 249.7

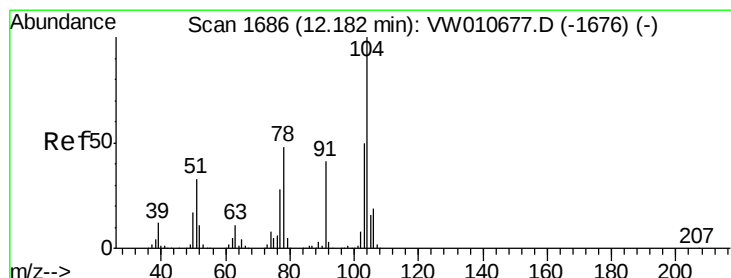
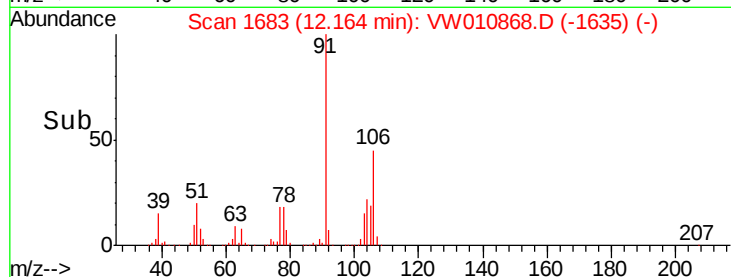
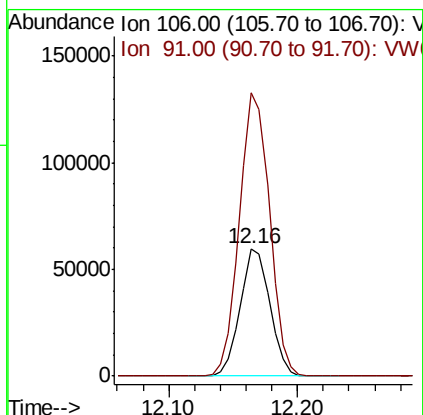
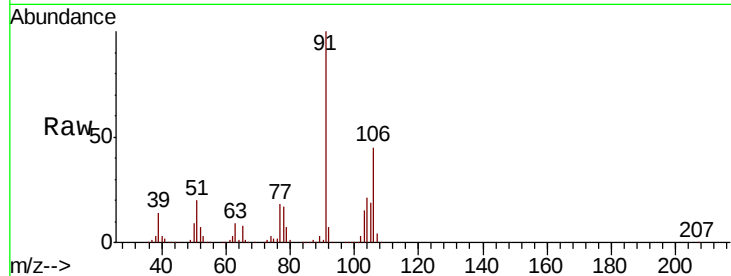




#69
o-Xylene
Concen: 20.572 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

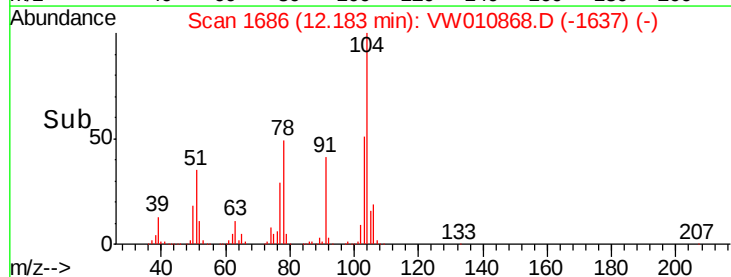
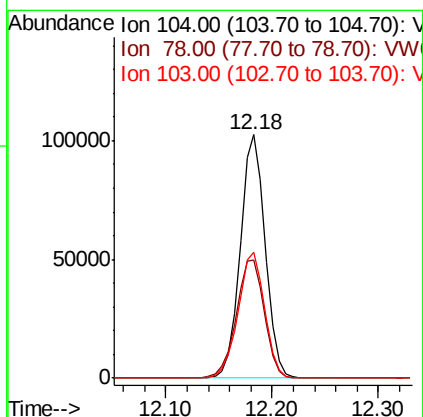
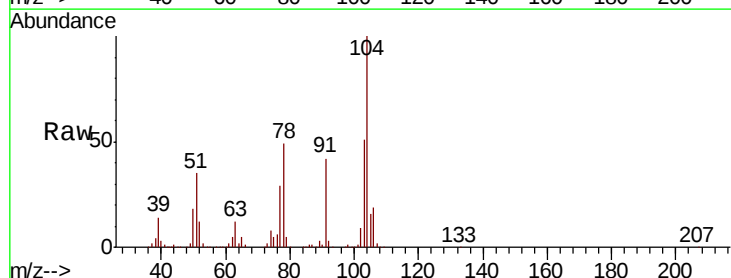
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

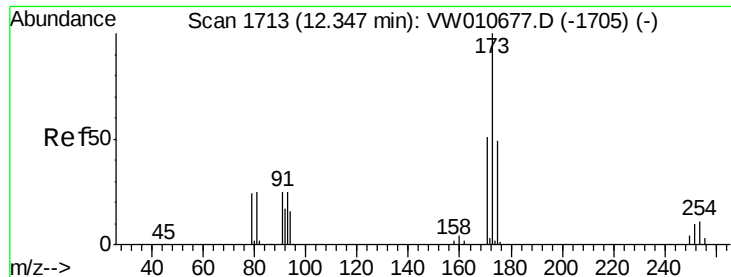
Tot Ion:106 Resp: 95407
Ion Ratio Lower Upper
106 100
91 226.2 108.9 326.6



#70
Styrene
Concen: 20.830 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:104 Resp: 167820
Ion Ratio Lower Upper
104 100
78 55.1 42.7 64.1
103 55.3 43.6 65.4





#71

Bromoform

Concen: 19.751 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

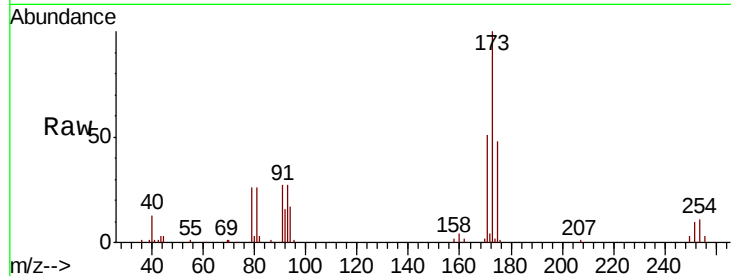
Tot Ion:173 Resp: 25134

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

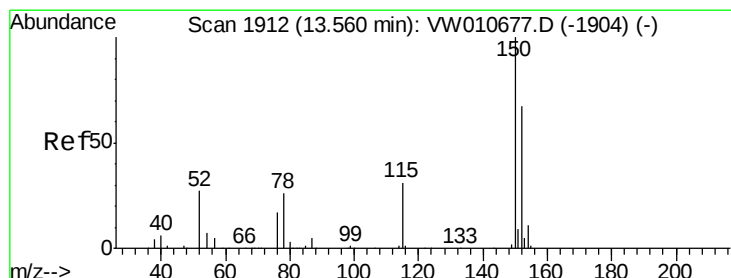
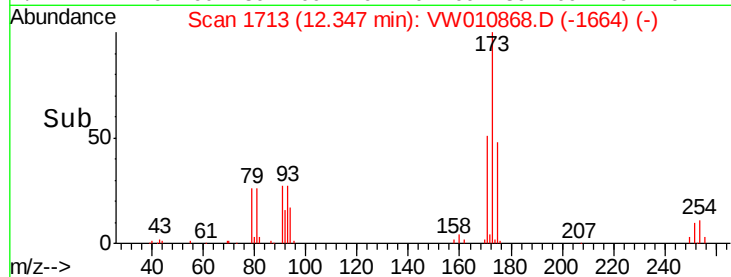
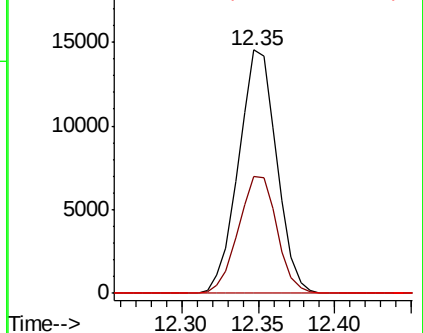
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

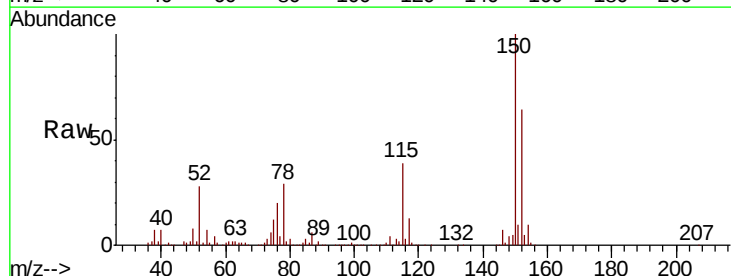
Tgt Ion:152 Resp: 177555

Ion Ratio Lower Upper

152 100

115 61.2 29.8 89.3

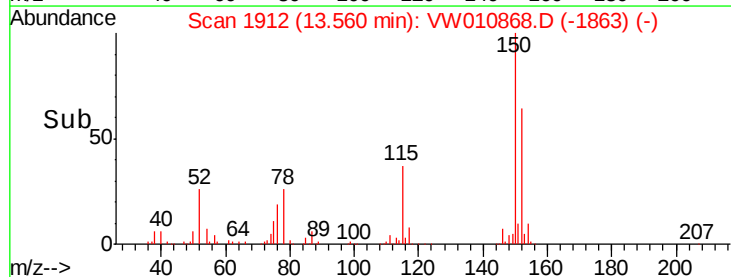
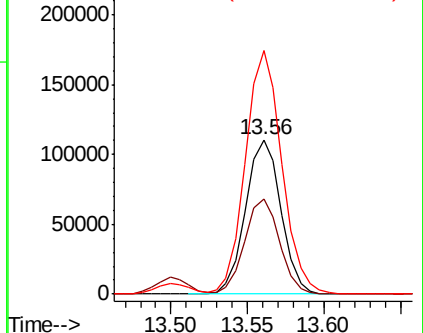
150 162.6 0.0 345.0

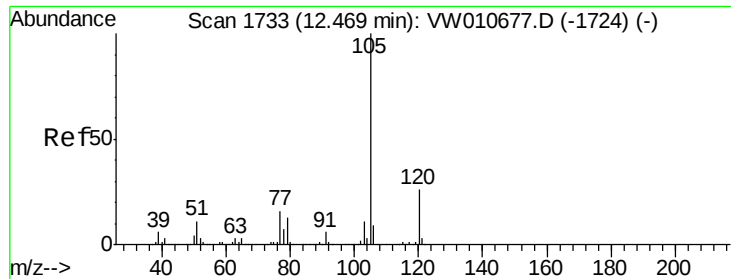


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

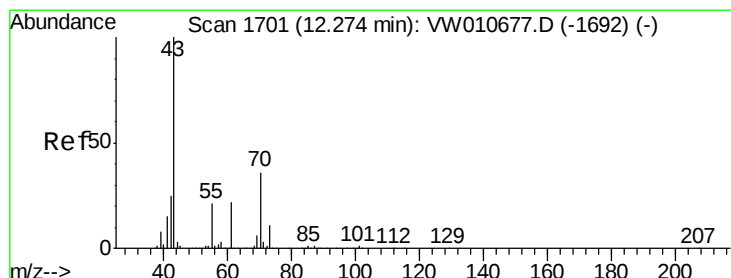
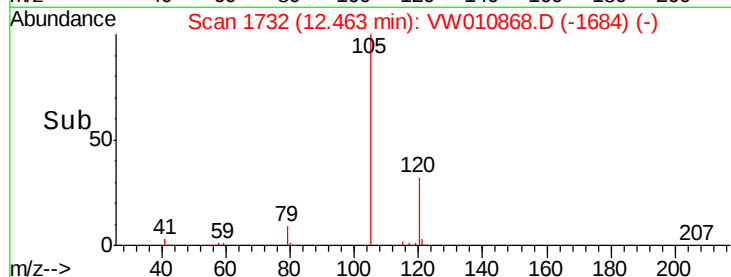
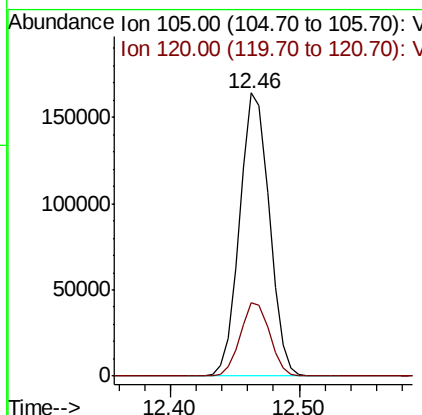
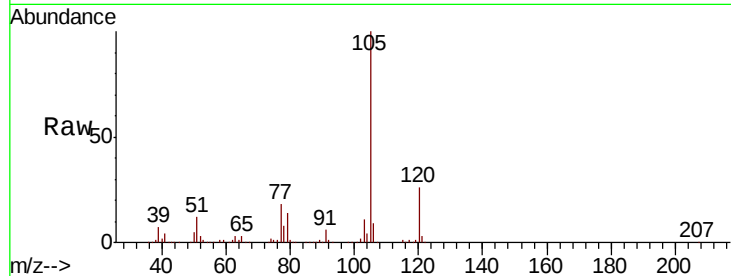




#73
Isopropylbenzene
Concen: 19.626 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

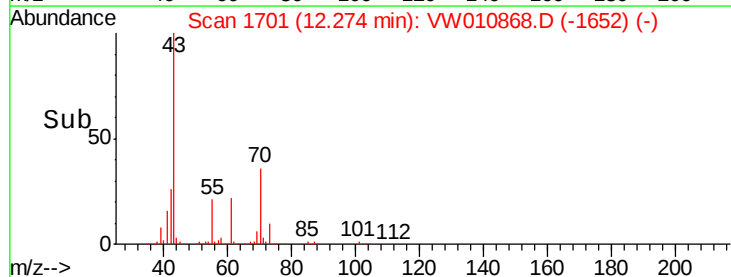
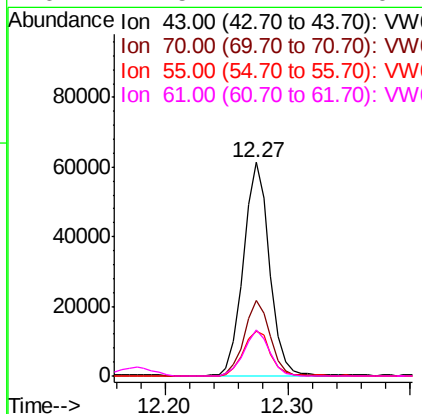
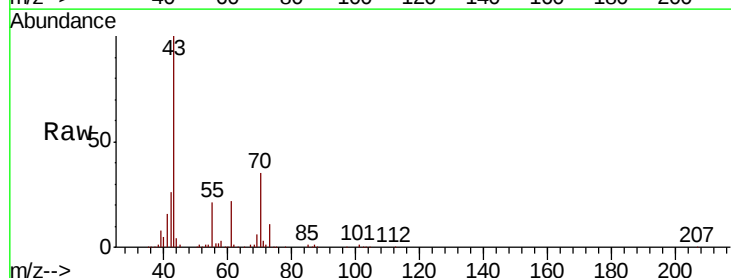
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

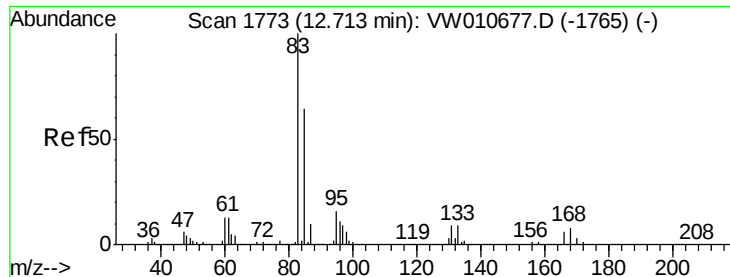
Tot Ion:105 Resp: 261864
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 21.016 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion: 43 Resp: 90624
Ion Ratio Lower Upper
43 100
70 35.2 29.2 43.8
55 22.1 17.5 26.3
61 21.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.667 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

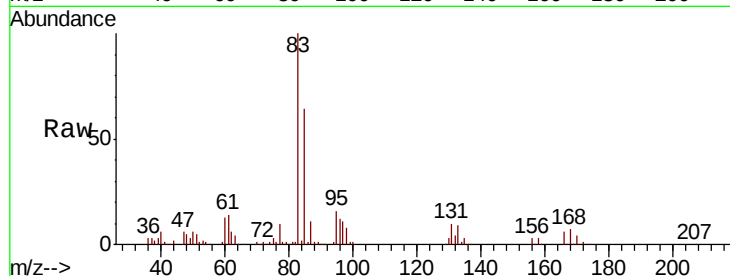
Tot Ion: 83 Resp: 52497

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

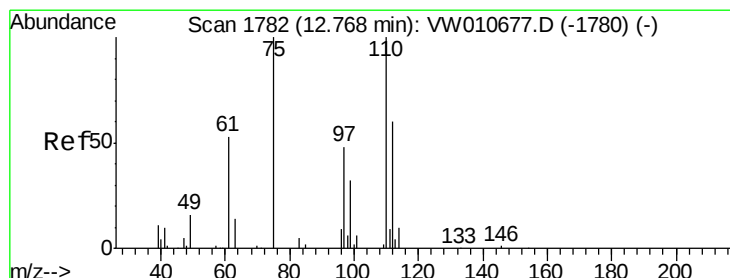
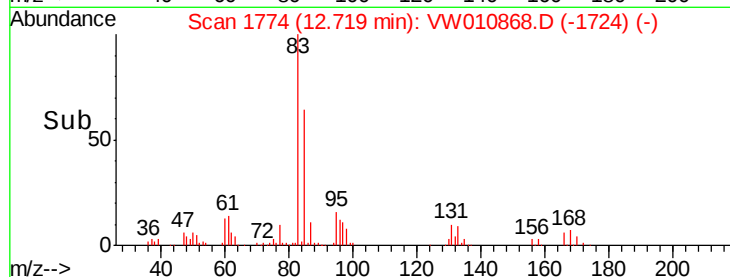
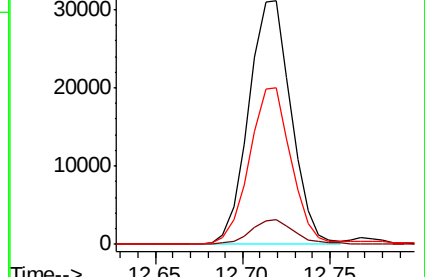
85 63.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.781 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010868.D

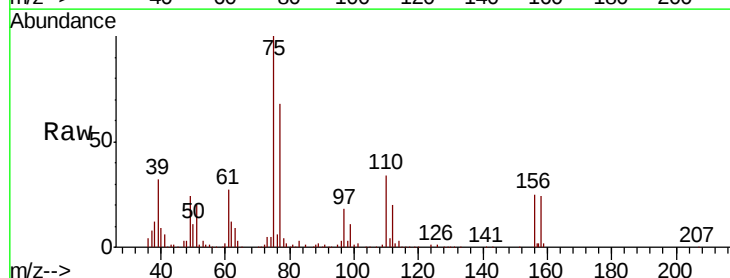
Acq: 20 Jun 2019 01:21

Tgt Ion: 75 Resp: 68580

Ion Ratio Lower Upper

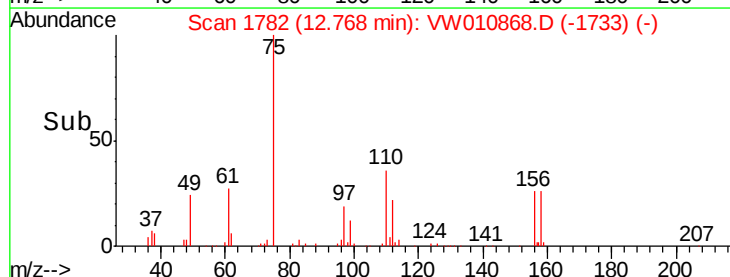
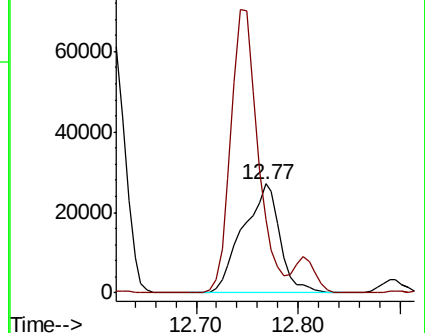
75 100

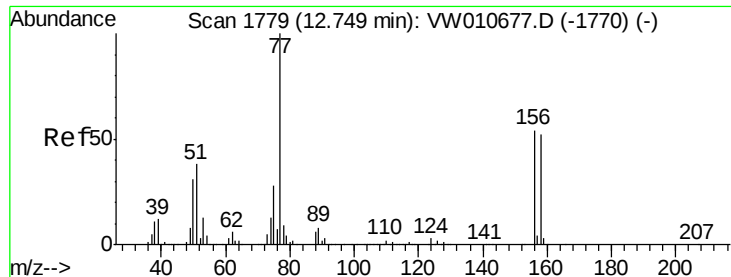
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.452 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

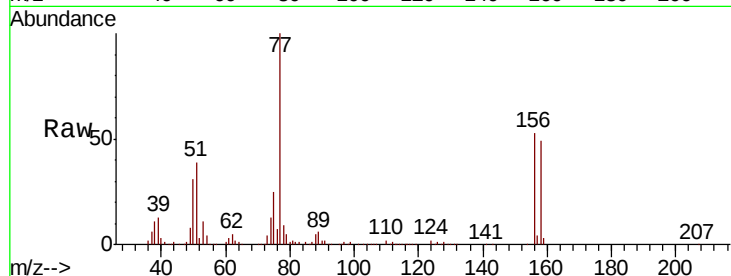
Tot Ion:156 Resp: 59567

Ion Ratio Lower Upper

156 100

77 218.7 106.5 319.4

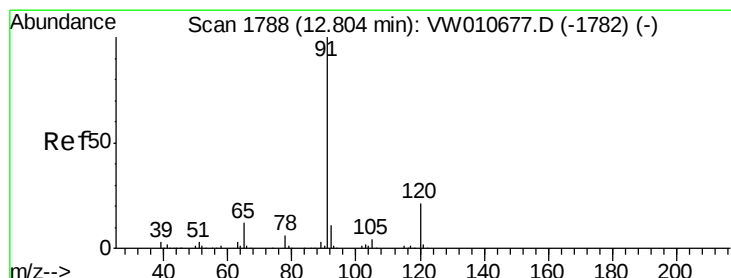
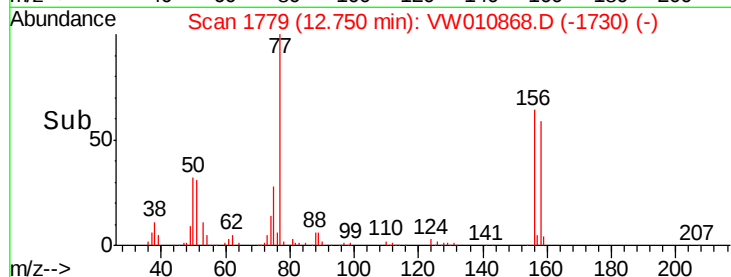
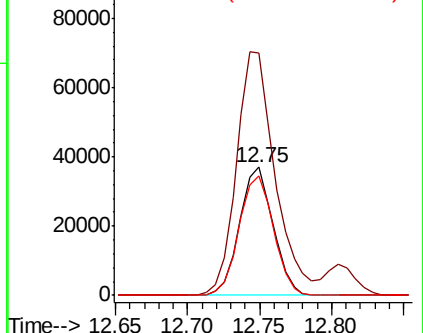
158 96.4 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.852 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010868.D

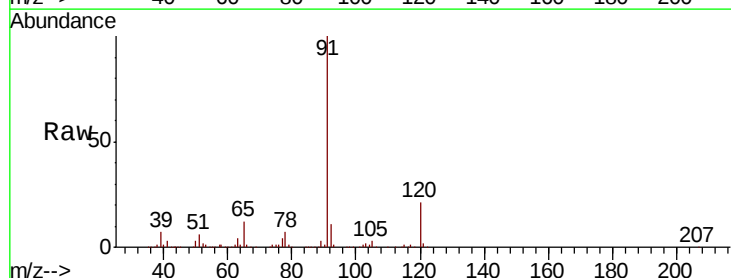
Acq: 20 Jun 2019 01:21

Tgt Ion: 91 Resp: 319396

Ion Ratio Lower Upper

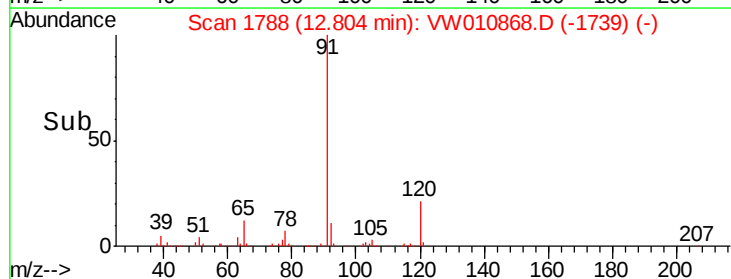
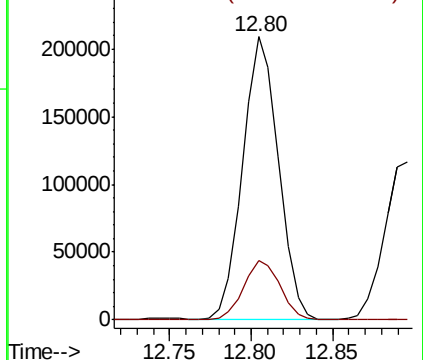
91 100

120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

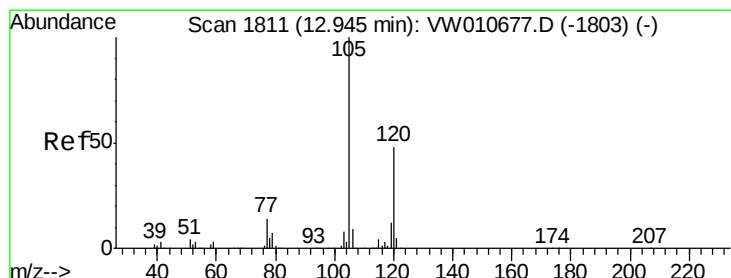
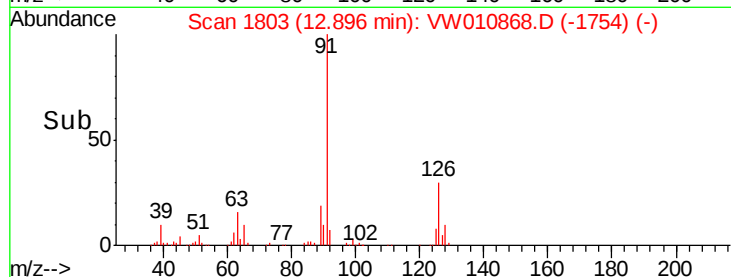
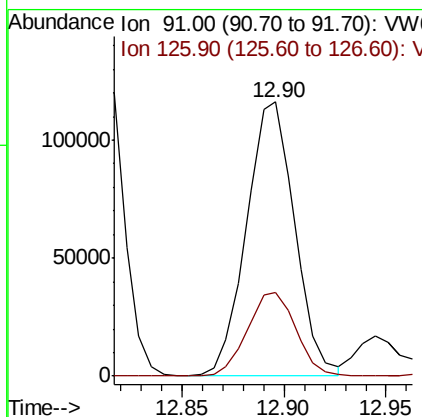
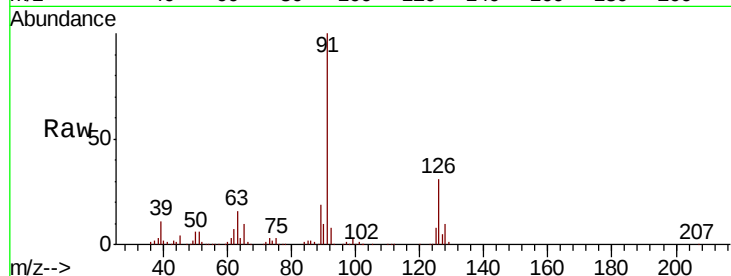




#79
2-Chlorotoluene
Concen: 20.754 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

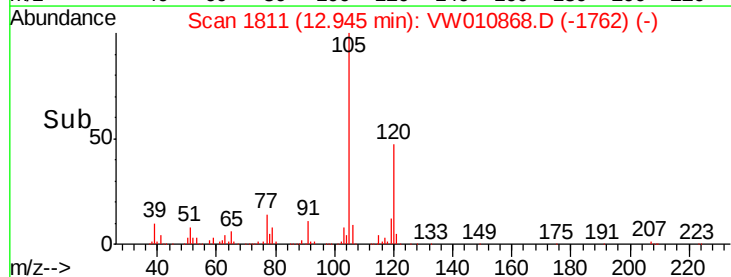
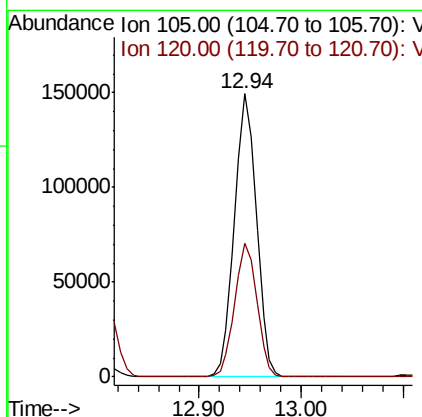
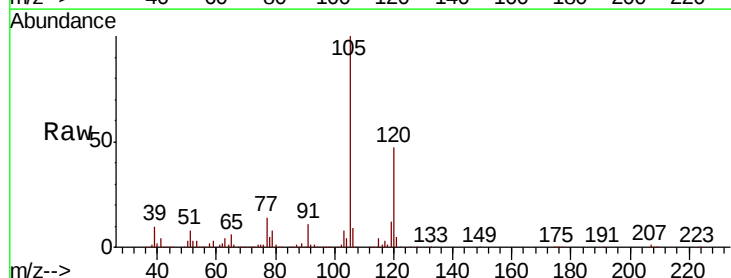
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

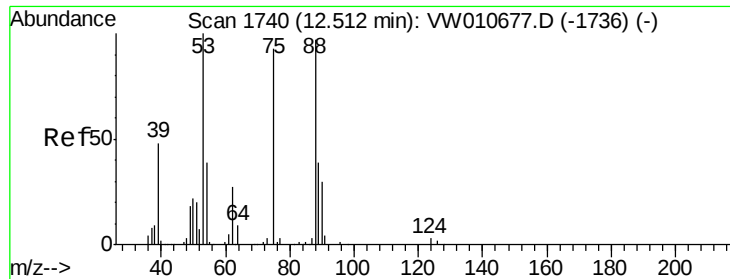
Tot Ion: 91 Resp: 190766
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 20.436 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:105 Resp: 223183
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.701 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

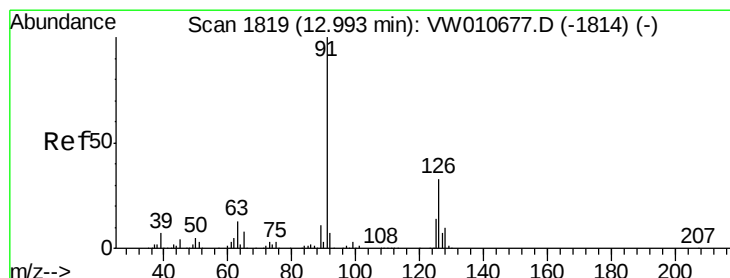
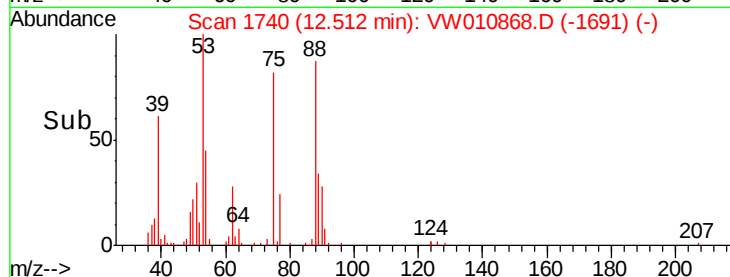
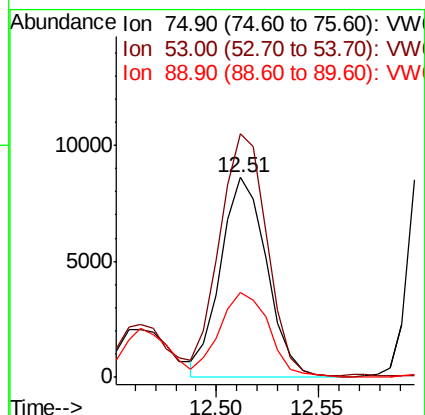
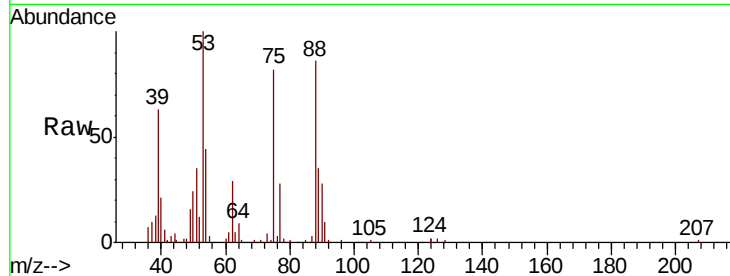
Tot Ion: 75 Resp: 13549

Ion Ratio Lower Upper

75 100

53 123.2 90.1 135.1

89 45.4 34.6 52.0



#82

4-Chlorotoluene

Concen: 20.675 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010868.D

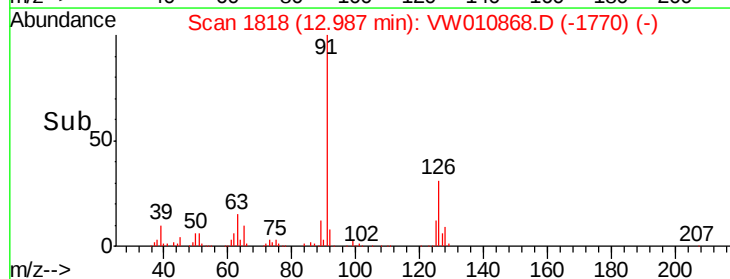
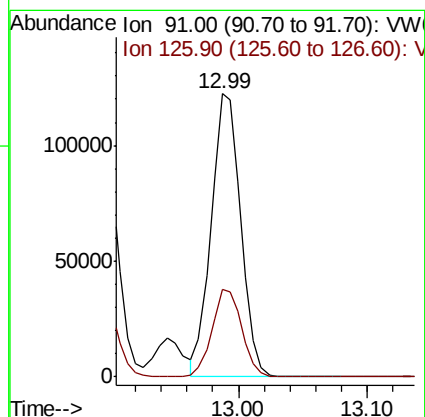
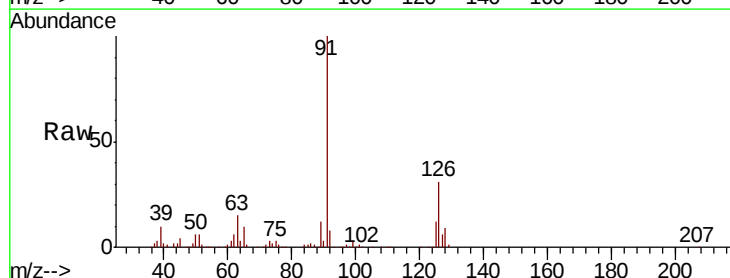
Acq: 20 Jun 2019 01:21

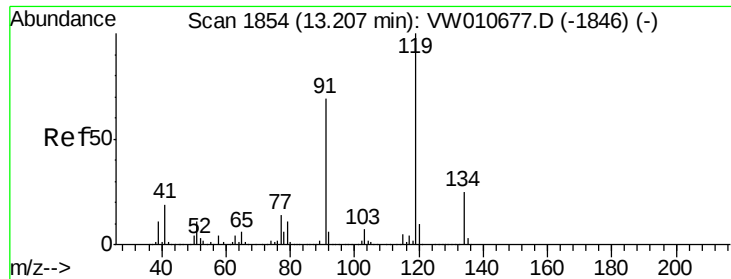
Tgt Ion: 91 Resp: 196113

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7

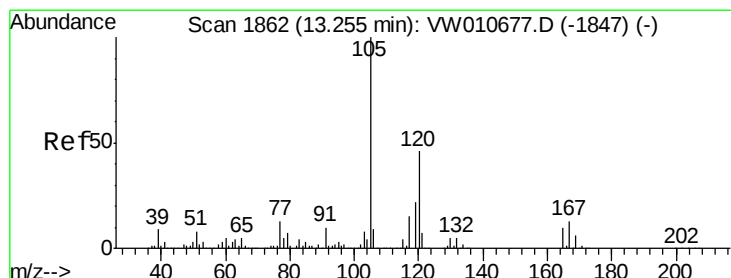
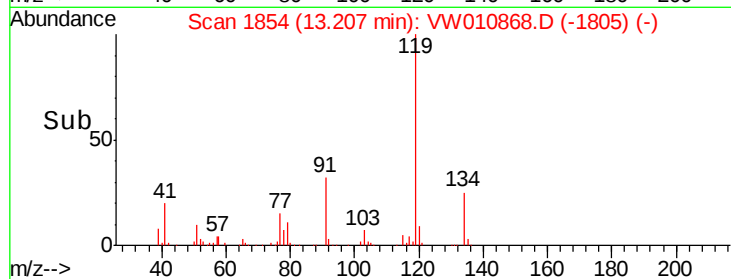
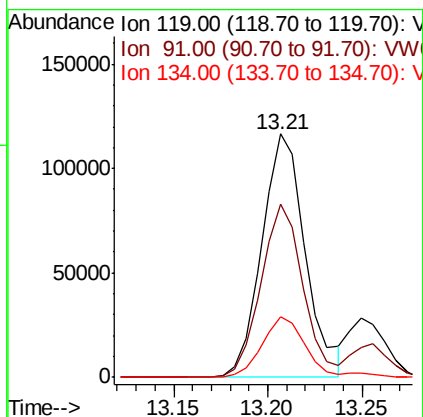
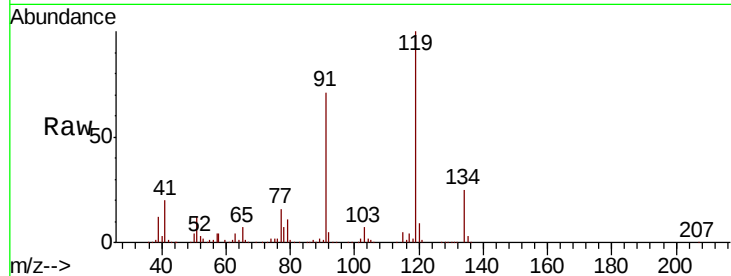




#83
tert-Butylbenzene
Concen: 20.149 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

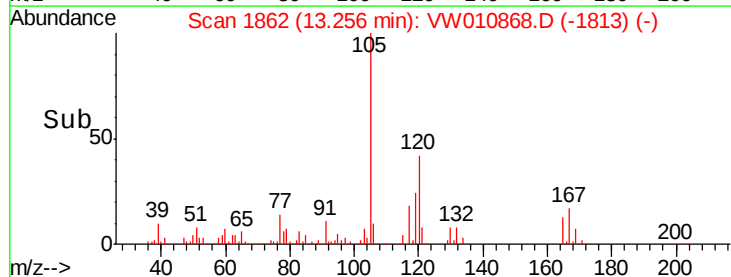
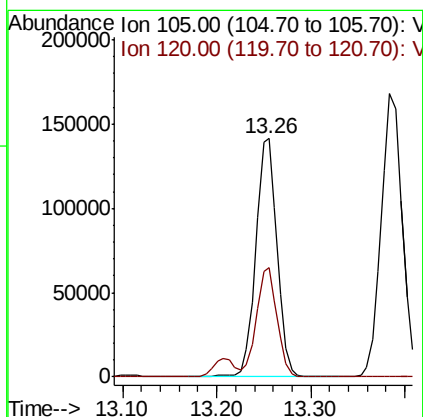
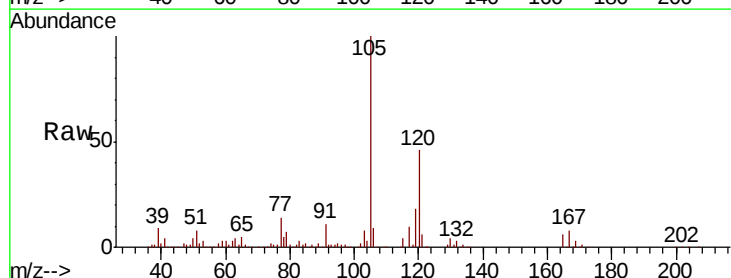
Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

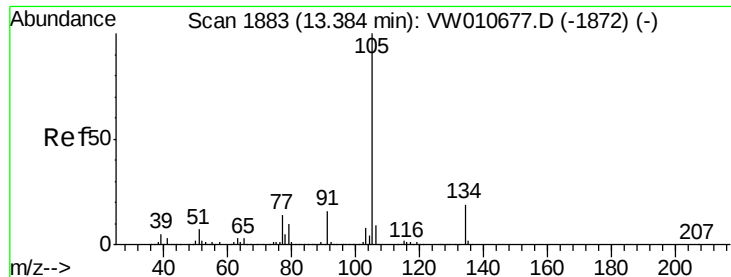
Tot Ion:119 Resp: 186750
Ion Ratio Lower Upper
119 100
91 68.9 35.1 105.3
134 25.7 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 20.527 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:105 Resp: 225588
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 19.325 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

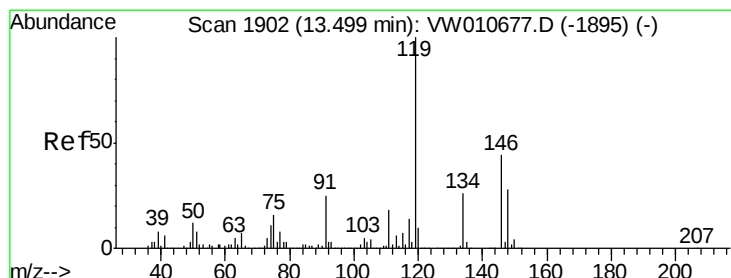
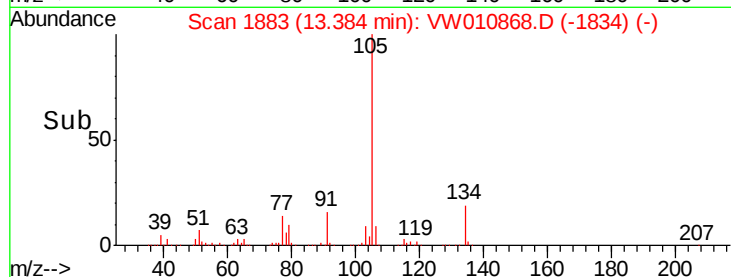
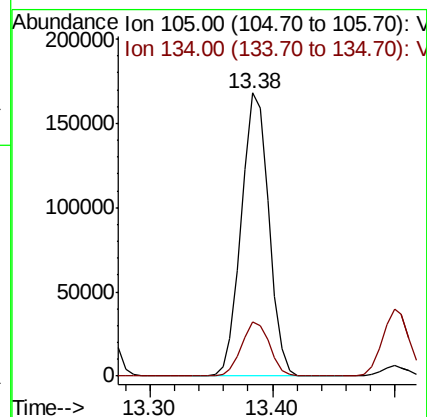
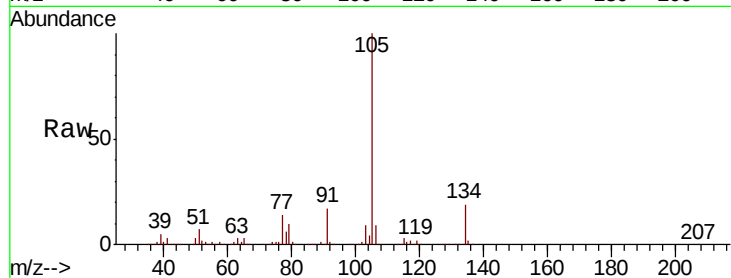
VW0619SBS02

Tot Ion:105 Resp: 260782

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.324 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

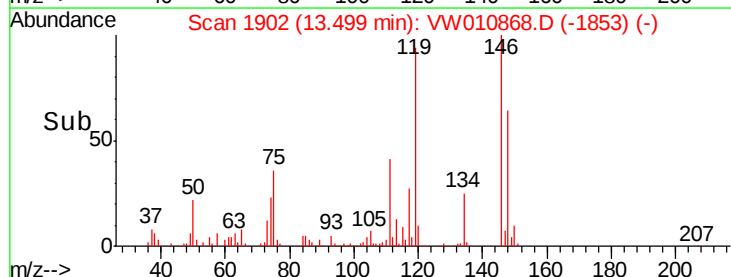
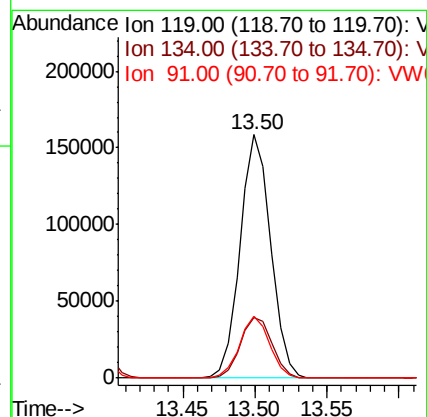
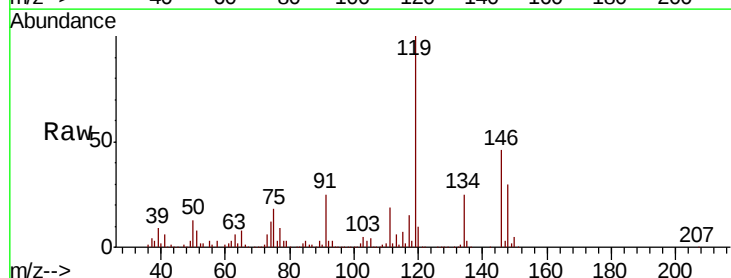
Tgt Ion:119 Resp: 233201

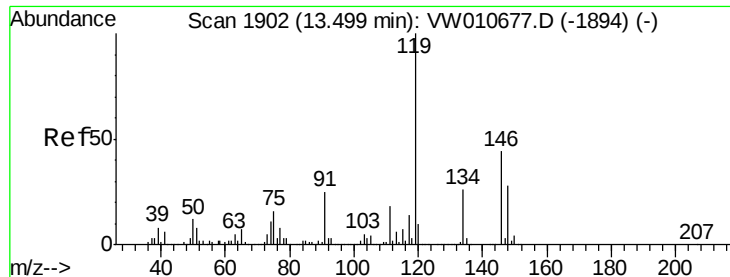
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.9 12.2 36.4

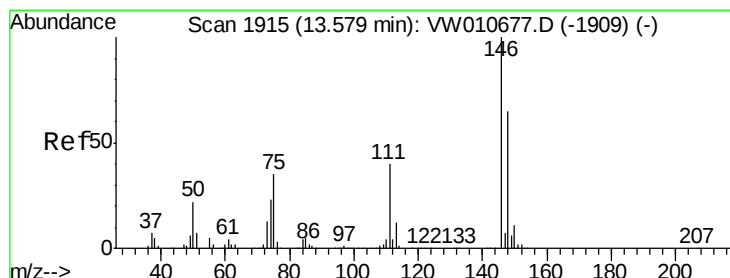
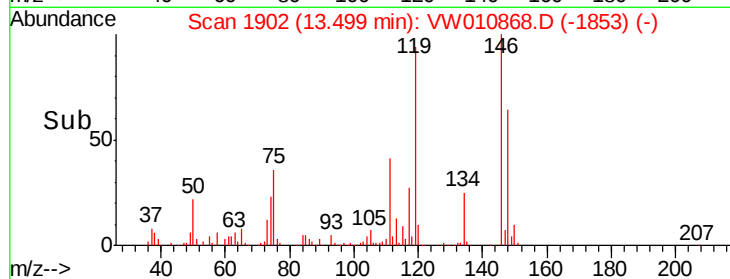
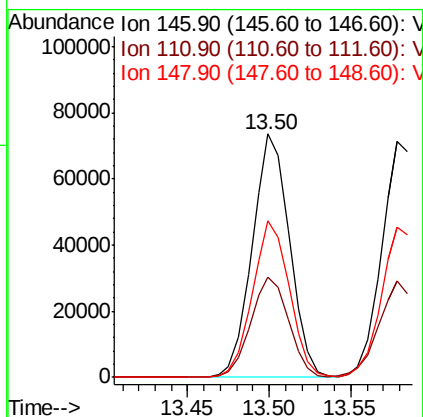
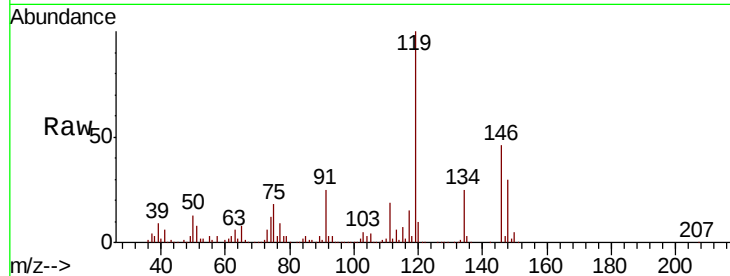




#87
 1,3-Dichlorobenzene
 Concen: 20.770 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

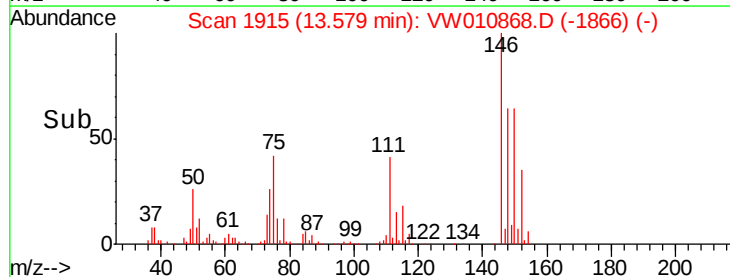
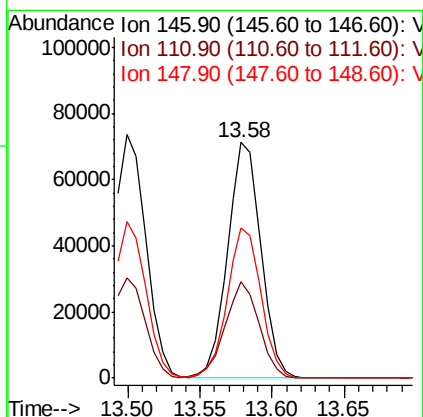
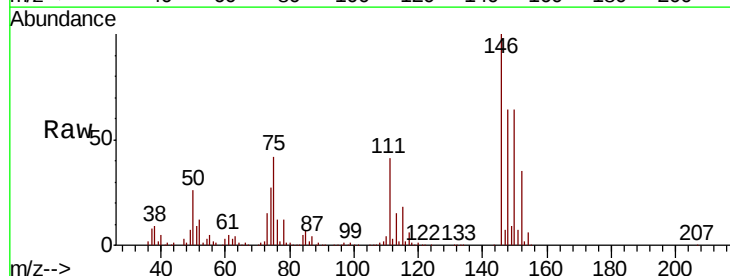
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

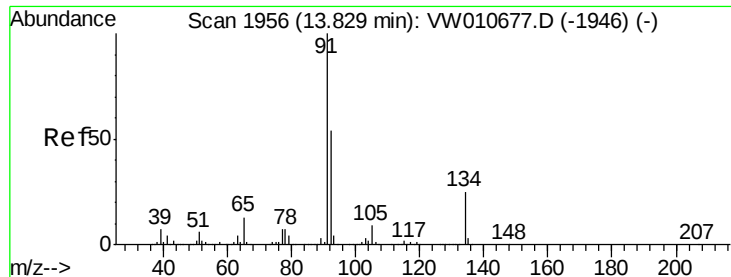
Tot Ion:146 Resp: 116657
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.4 61.3
 148 63.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.712 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion:146 Resp: 115329
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 60.9
 148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 19.433 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010868.D

Acq: 20 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS02

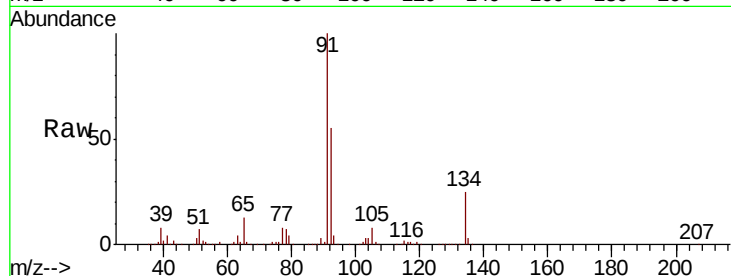
Tot Ion: 91 Resp: 233984

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

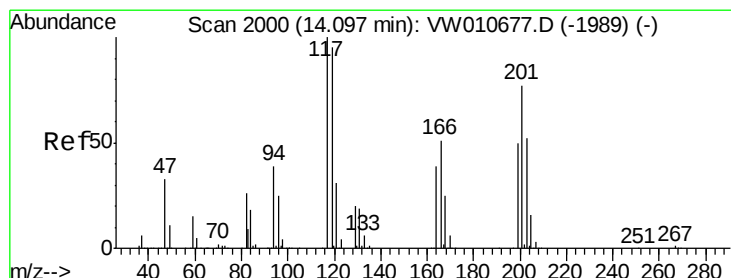
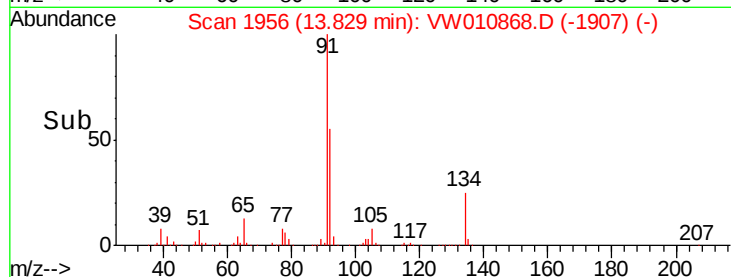
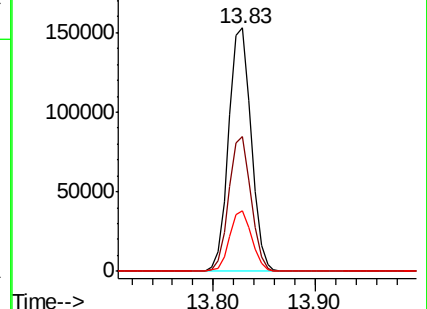
134 24.3 12.3 36.9



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: 18.903 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010868.D

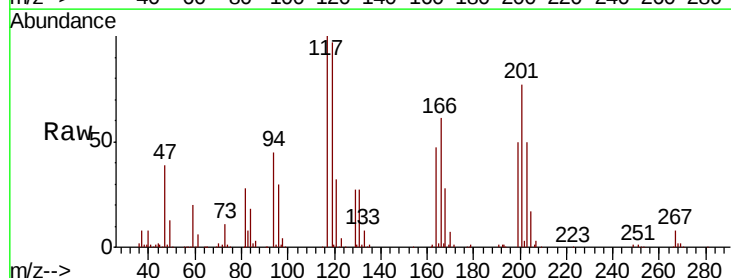
Acq: 20 Jun 2019 01:21

Tgt Ion: 117 Resp: 40852

Ion Ratio Lower Upper

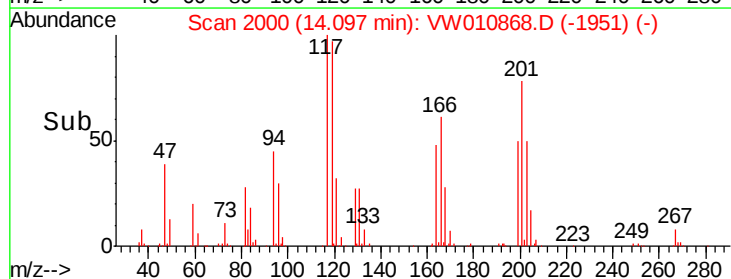
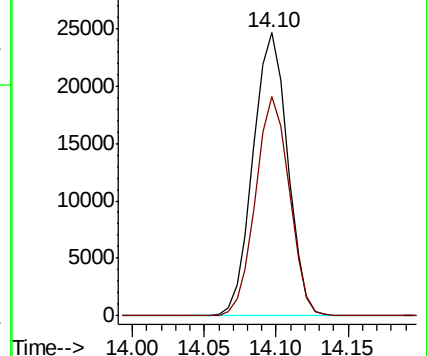
117 100

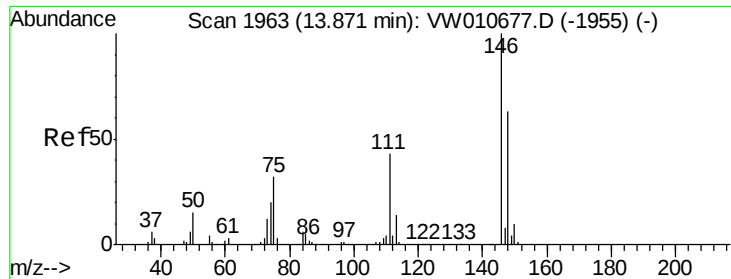
201 75.9 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

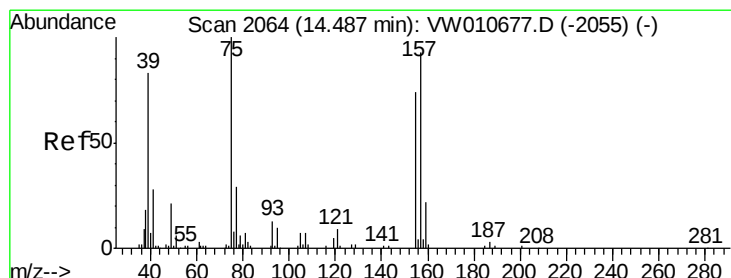
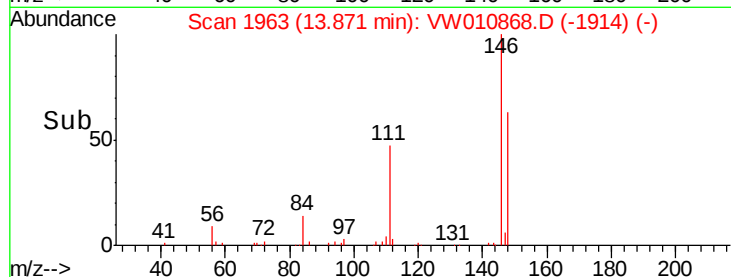
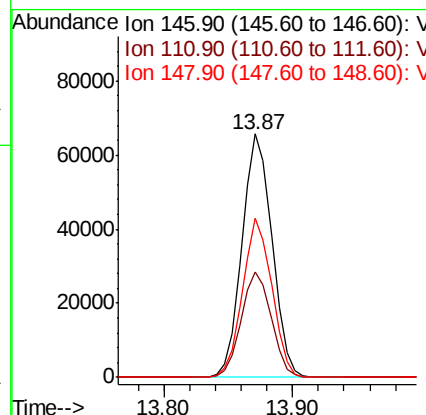
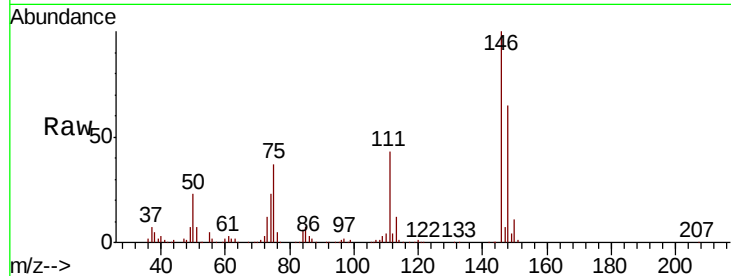




#91
 1,2-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

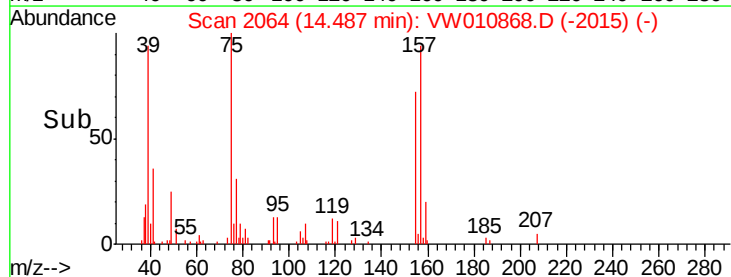
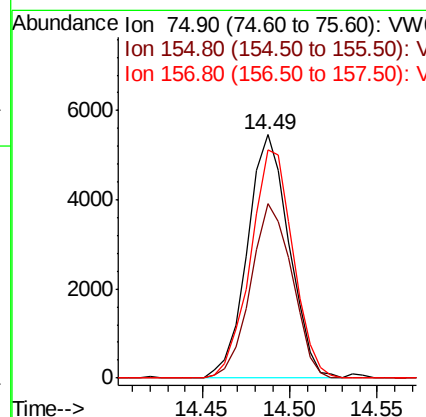
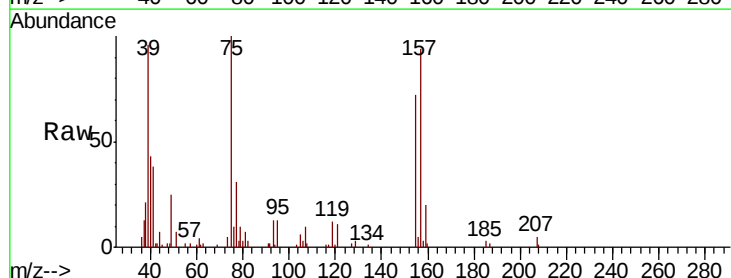
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

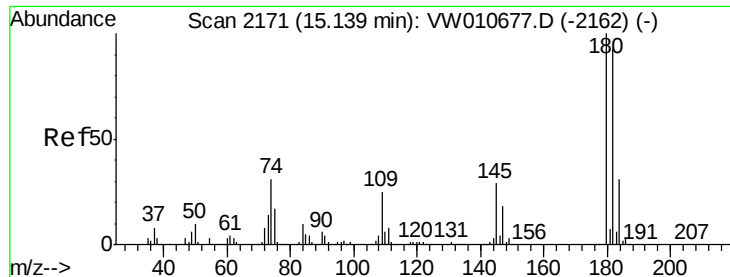
Tot Ion:146 Resp: 105961
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.5 64.5
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.794 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion: 75 Resp: 9070
 Ion Ratio Lower Upper
 75 100
 155 70.9 38.8 116.4
 157 95.3 48.4 145.0

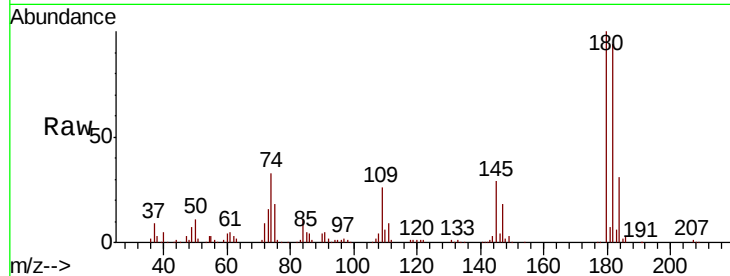




#93
 1,2,4-Trichlorobenzene
 Concen: 20.422 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.4
145	30.6	15.2	45.5

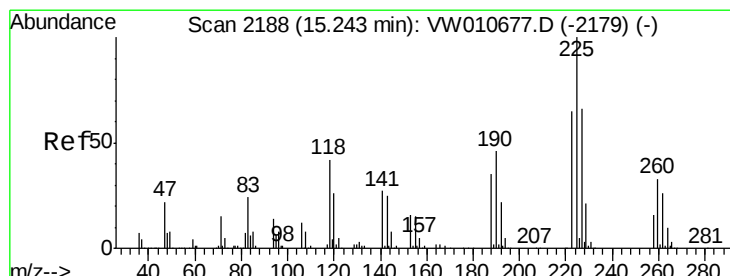
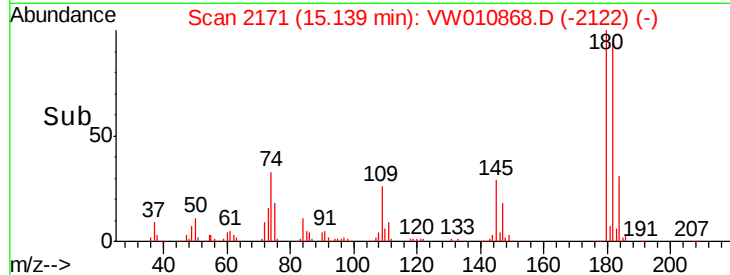
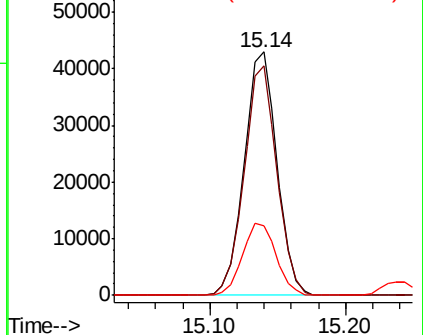


Abundance

Ion 179.80 (179.50 to 180.50): V

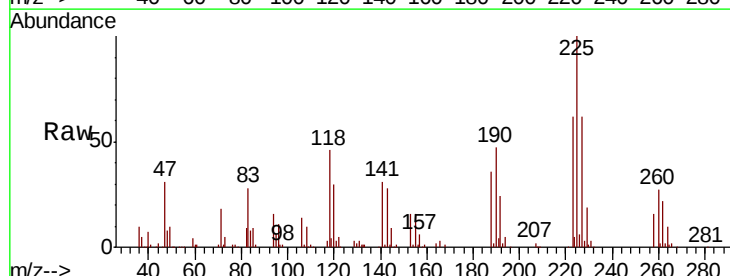
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.698 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010868.D
 Acq: 20 Jun 2019 01:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.2	96.6
227	62.1	32.0	96.0

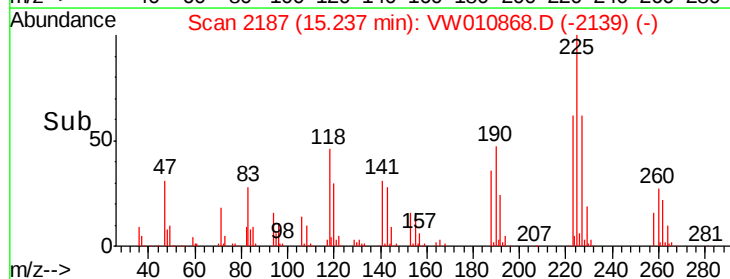
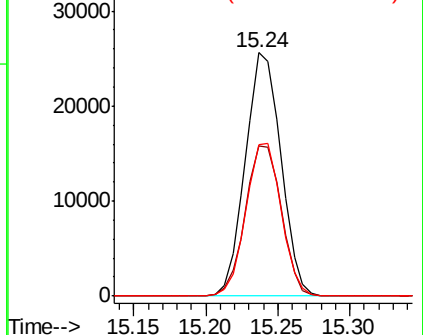


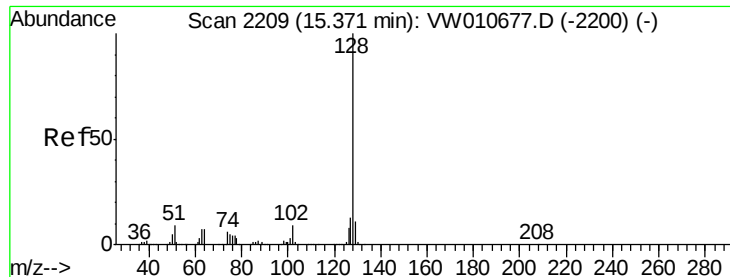
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

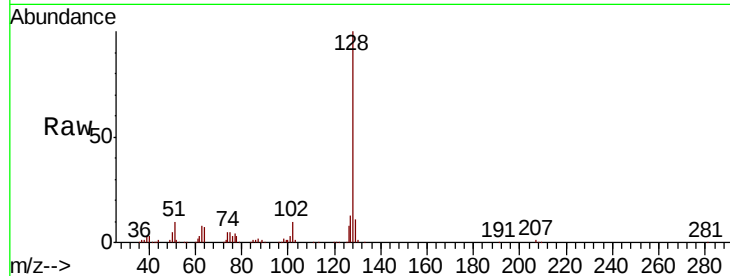




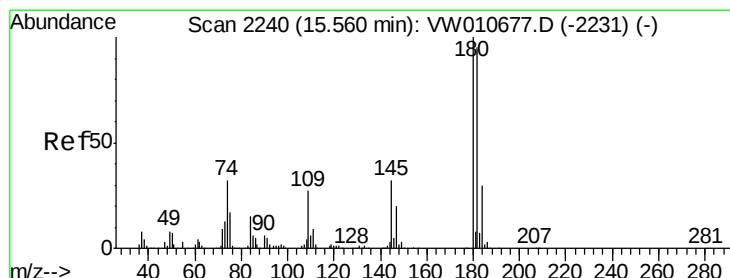
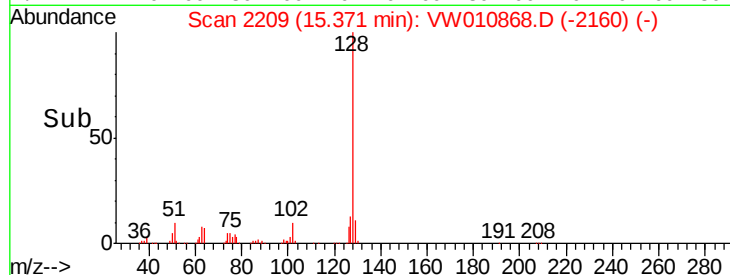
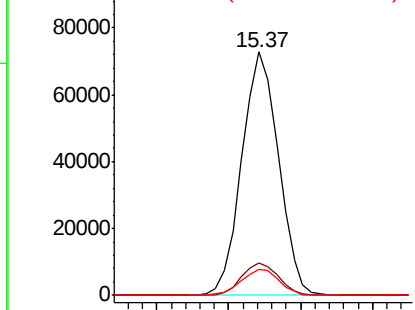
#95
Naphthalene
Concen: 19.989 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS02

Tot Ion:128 Resp: 128726
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 13.0

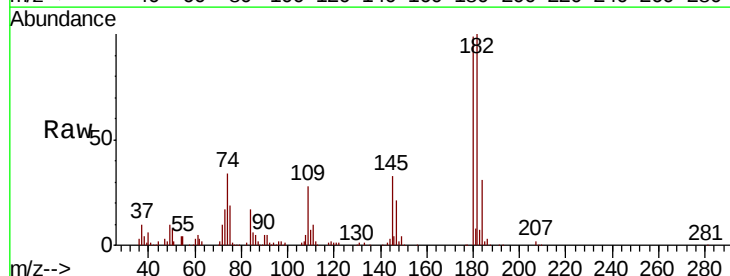


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.813 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010868.D
Acq: 20 Jun 2019 01:21

Tgt Ion:180 Resp: 62739
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 32.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

