

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
 Data File : VW010684.D
 Acq On : 05 Jun 2019 11:31
 Operator : SY/VA
 Sample : VW0605SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

Quant Time: Jun 05 12:00:55 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	284359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173152	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	7.88	113	138537	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.32	98	596544	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.62	95	209162	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	55266	21.032	ug/l	100
3) Chloromethane	2.21	50	76835	19.874	ug/l	98
4) Vinyl Chloride	2.35	62	72841	20.392	ug/l	97
5) Bromomethane	2.76	94	41655	21.236	ug/l	98
6) Chloroethane	2.91	64	43281	20.186	ug/l	99
7) Trichlorofluoromethane	3.25	101	100119	21.592	ug/l	99
8) Diethyl Ether	3.68	74	30939	18.671	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60234	21.129	ug/l	100
10) Methyl Iodide	4.26	142	44447	18.481	ug/l	100
11) Tert butyl alcohol	5.18	59	19518	71.481	ug/l	98
12) 1,1-Dichloroethene	4.03	96	57282	20.830	ug/l	98
13) Acrolein	3.90	56	10002	89.641	ug/l	99
14) Allyl chloride	4.67	41	127425	21.015	ug/l	98
15) Acrylonitrile	5.37	53	68281	84.820	ug/l	100
16) Acetone	4.13	43	68883	76.701	ug/l	97
17) Carbon Disulfide	4.37	76	182101	20.860	ug/l	100
18) Methyl Acetate	4.67	43	33680	17.422	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	147740	18.628	ug/l	99
20) Methylene Chloride	4.92	84	62740	19.914	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	65126	20.862	ug/l	99
22) Diisopropyl ether	6.31	45	244850	20.170	ug/l	99
23) Vinyl Acetate	6.25	43	687742	93.878	ug/l	100
24) 1,1-Dichloroethane	6.21	63	126521	20.798	ug/l	99
25) 2-Butanone	7.17	43	100999	81.104	ug/l	99
26) 2,2-Dichloropropane	7.16	77	108938	22.006	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	69818	20.322	ug/l	99
28) Bromochloromethane	7.51	49	55896	20.589	ug/l	98
29) Tetrahydrofuran	7.53	42	63053	80.498	ug/l	99
30) Chloroform	7.67	83	115304	20.722	ug/l	99
31) Cyclohexane	7.95	56	141278	20.891	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	102902	21.170	ug/l	99
36) 1,1-Dichloropropene	8.08	75	101596	21.405	ug/l	99
37) Ethyl Acetate	7.25	43	42574	16.187	ug/l	100
38) Carbon Tetrachloride	8.07	117	88703	21.649	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	126455	20.958	ug/l	99
40) Benzene	8.32	78	267686	20.673	ug/l	99
41) Methacrylonitrile	7.49	41	29624	18.949	ug/l	94
42) 1,2-Dichloroethane	8.40	62	82008	19.955	ug/l	100
43) Isopropyl Acetate	8.42	43	87966	17.311	ug/l	98
44) Trichloroethene	9.09	130	66181	20.720	ug/l	97
45) 1,2-Dichloropropane	9.37	63	69546	20.290	ug/l	99
46) Dibromomethane	9.46	93	30305	19.035	ug/l	99
47) Bromodichloromethane	9.64	83	83579	20.252	ug/l	98
48) Methyl methacrylate	9.44	41	42387	17.301	ug/l	99
49) 1,4-Dioxane	9.46	88	7329	294.443	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	217187	83.664	ug/l	100
52) Toluene	10.39	92	164051	20.591	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	85834	19.636	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	103537	20.129	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42909	18.709	ug/l	99
56) Ethyl methacrylate	10.65	69	62411	17.685	ug/l	97
57) 1,3-Dichloropropane	10.93	76	82274	19.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	177325	95.931	ug/l	100
59) 2-Hexanone	10.97	43	151814	80.918	ug/l	99
60) Dibromochloromethane	11.13	129	48997	19.272	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39752	18.293	ug/l	100
64) Tetrachloroethene	10.86	164	54826	20.639	ug/l	94
65) Chlorobenzene	11.66	112	164132	20.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	55959	20.546	ug/l	99
67) Ethyl Benzene	11.73	91	320595	21.202	ug/l	100
68) m/p-Xylenes	11.84	106	228024	42.127	ug/l	99
69) o-Xylene	12.16	106	106254	20.698	ug/l	97
70) Styrene	12.18	104	183771	20.607	ug/l	99
71) Bromoform	12.35	173	26210	18.608	ug/l #	100
73) Isopropylbenzene	12.46	105	303087	21.662	ug/l	99
74) N-amyl acetate	12.27	43	79646	17.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48471	18.197	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66114	33.813	ug/l #	100
77) Bromobenzene	12.75	156	63670	20.847	ug/l	98
78) n-propylbenzene	12.80	91	365755	21.679	ug/l	100
79) 2-Chlorotoluene	12.90	91	206543	21.428	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	244978	21.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15362	18.057	ug/l	97
82) 4-Chlorotoluene	12.99	91	211515	21.264	ug/l	99
83) tert-Butylbenzene	13.21	119	209386	21.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	245145	21.272	ug/l	99
85) sec-Butylbenzene	13.38	105	304765	21.536	ug/l	100
86) p-Isopropyltoluene	13.50	119	268777	21.239	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	123759	21.012	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	120377	20.616	ug/l	99
89) n-Butylbenzene	13.82	91	269520	21.346	ug/l	100
90) Hexachloroethane	14.10	117	48474	21.389	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	106130	20.037	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7880	17.228	ug/l	98

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QLast Update : Wed Jun 05 03:21:19 2019
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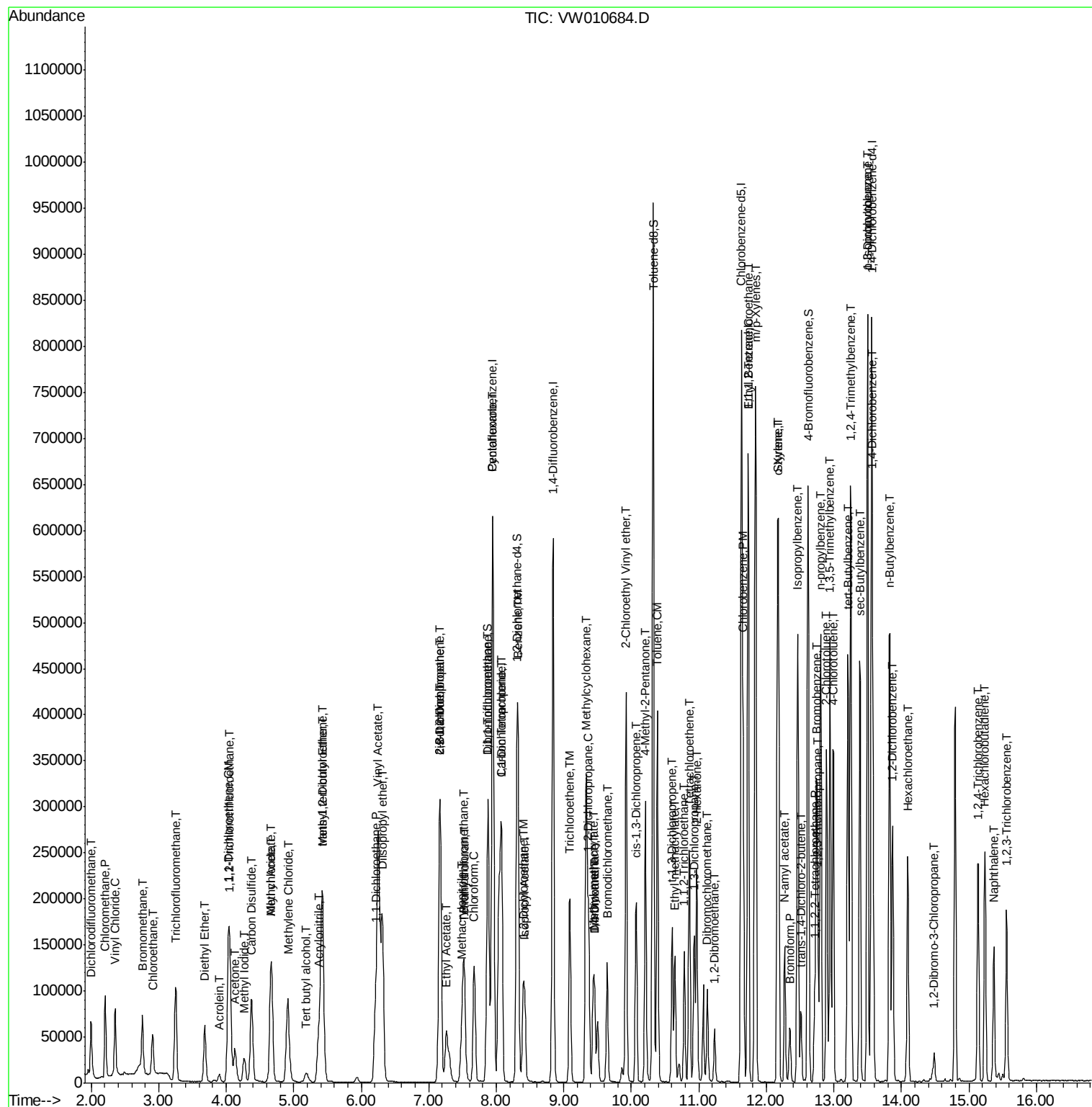
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	73818	19.860	ug/l	98
94) Hexachlorobutadiene	15.24	225	50127	21.488	ug/l	96
95) Naphthalene	15.37	128	118955	17.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61336	19.403	ug/l	100

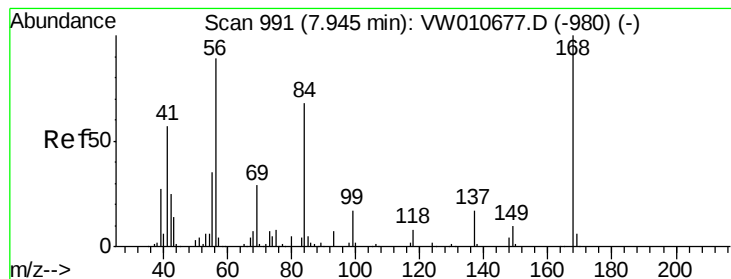
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

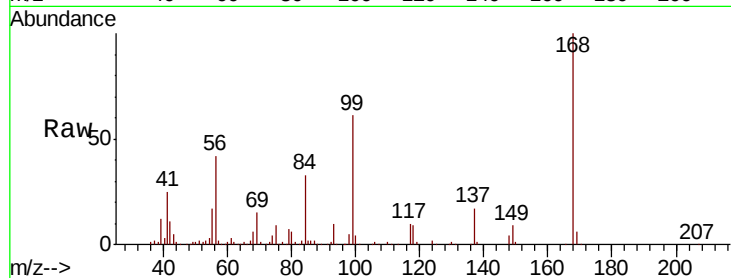
VW0605SBS01

Tgt Ion:168 Resp: 284359

Ion Ratio Lower Upper

168 100

99 61.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

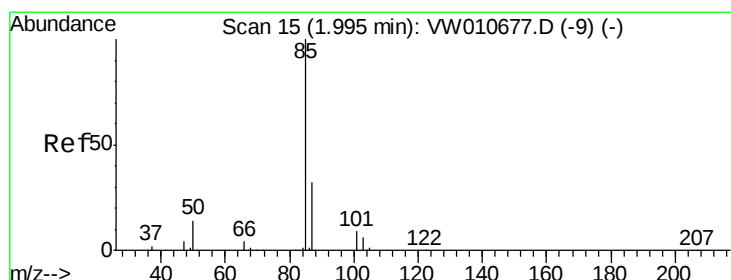
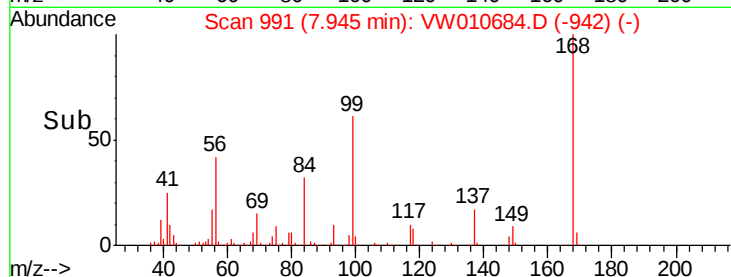
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.032 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010684.D

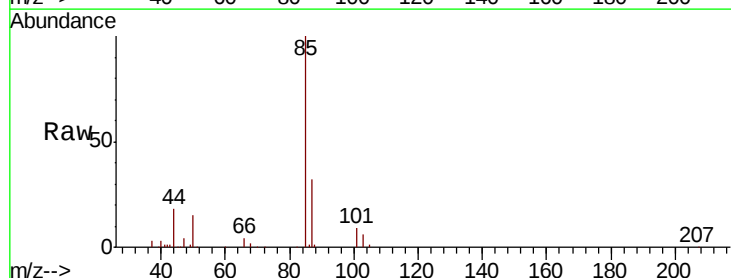
Acq: 05 Jun 2019 11:31

Tgt Ion: 85 Resp: 55266

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

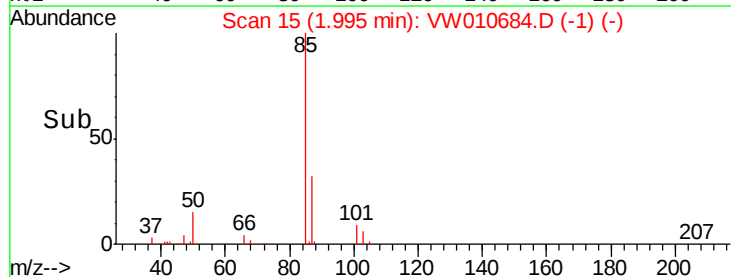
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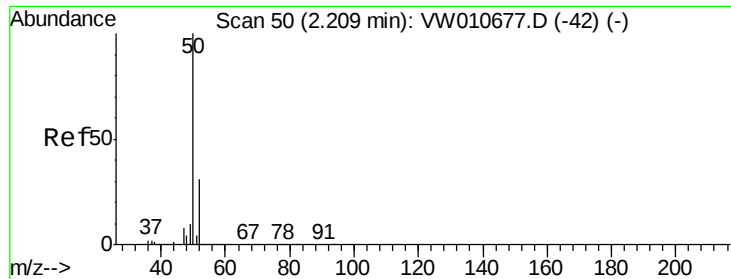
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Time-->

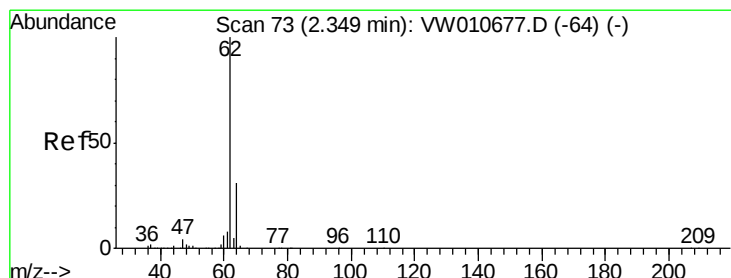
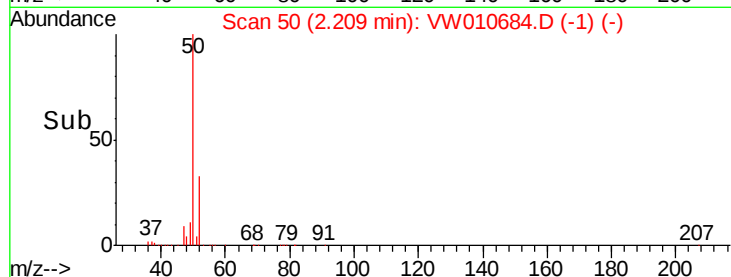
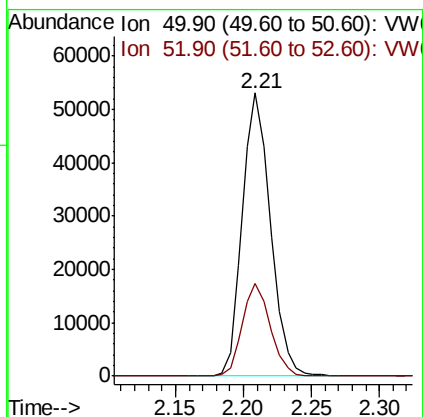
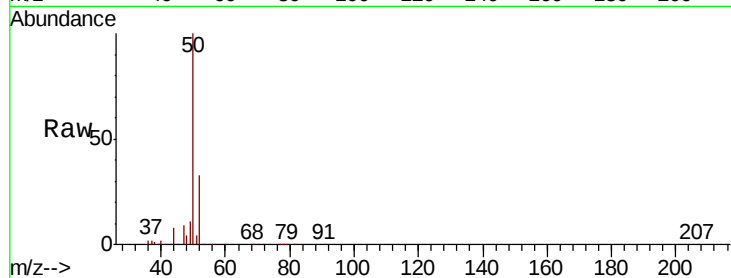




#3
Chloromethane
Concen: 19.874 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

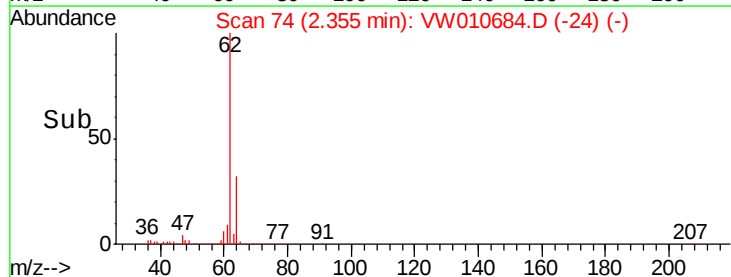
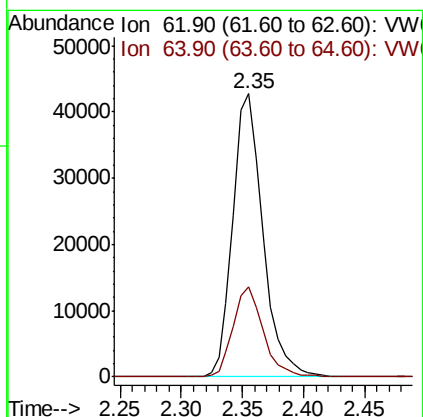
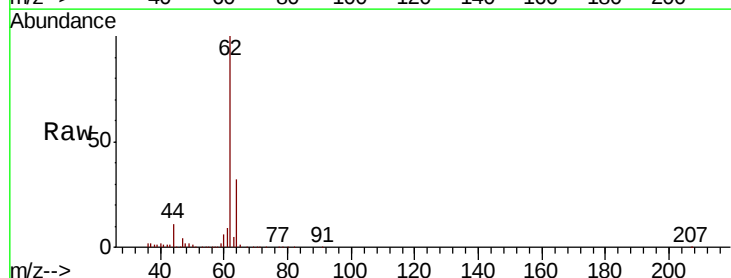
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

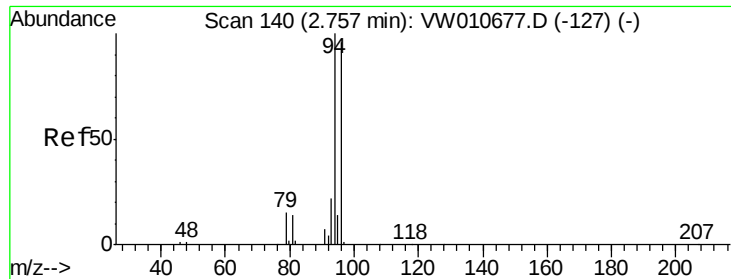
Tgt Ion: 50 Resp: 76835
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8



#4
Vinyl Chloride
Concen: 20.392 ug/l
RT: 2.35 min Scan# 74
Delta R.T. 0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 62 Resp: 72841
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





#5

Bromomethane

Concen: 21.236 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

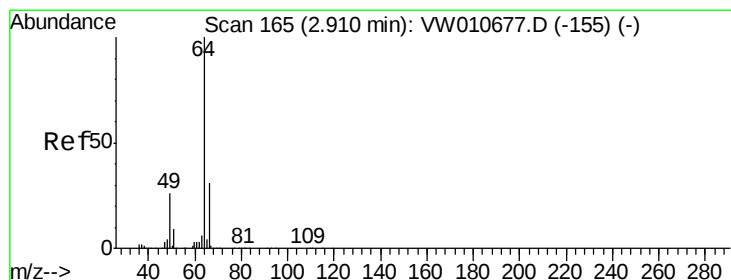
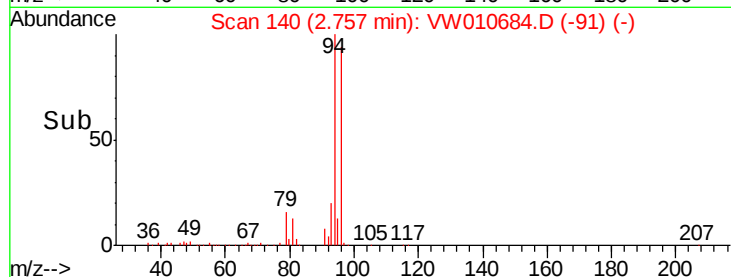
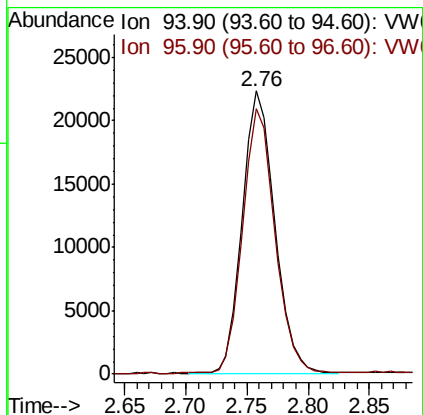
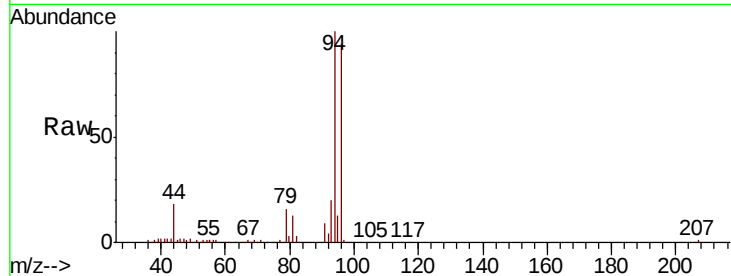
VW0605SBS01

Tgt Ion: 94 Resp: 41655

Ion Ratio Lower Upper

94 100

96 93.5 76.5 114.7



#6

Chloroethane

Concen: 20.186 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010684.D

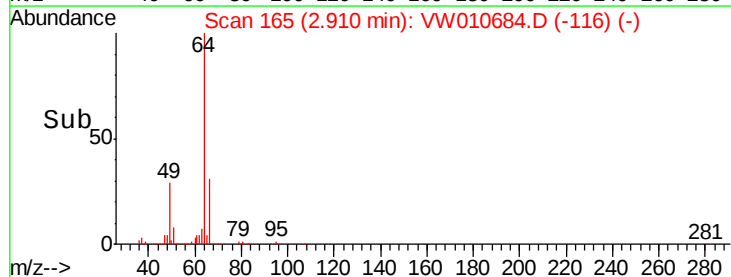
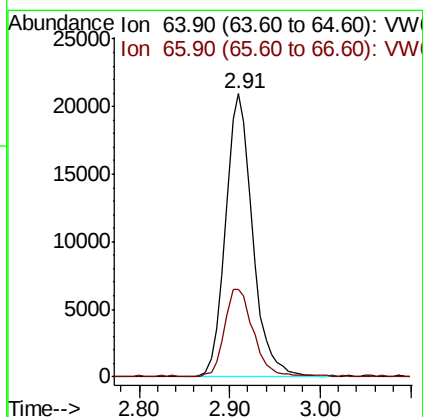
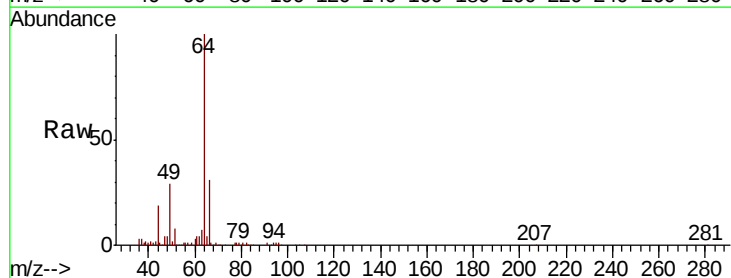
Acq: 05 Jun 2019 11:31

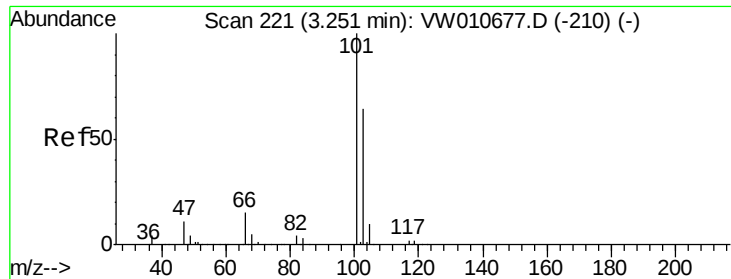
Tgt Ion: 64 Resp: 43281

Ion Ratio Lower Upper

64 100

66 30.8 25.1 37.7



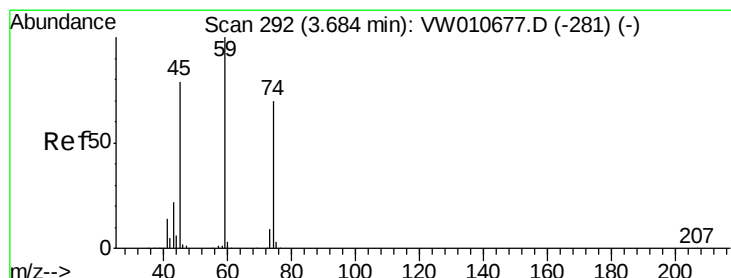
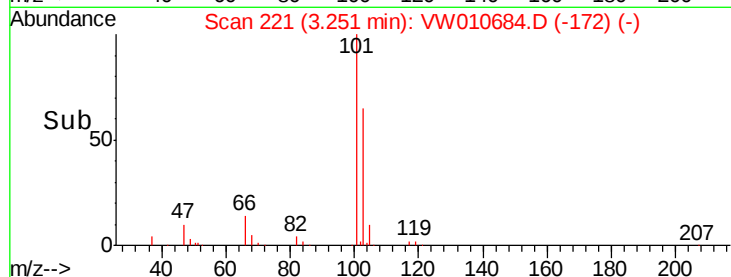
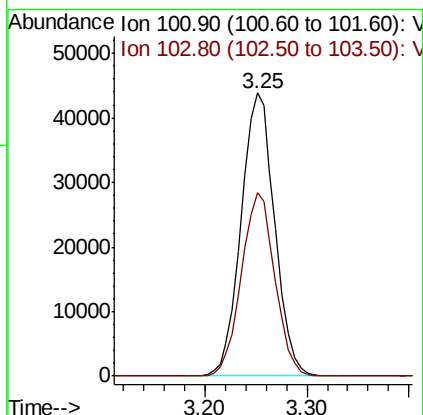
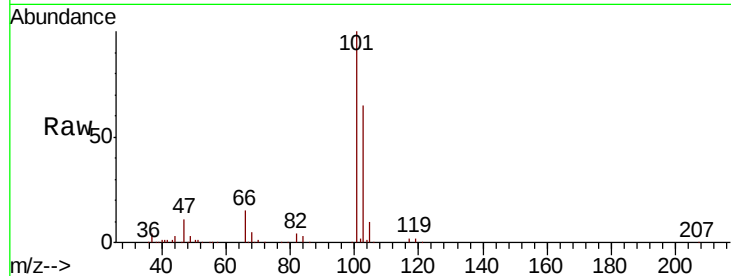


#7

Trichlorofluoromethane
 Concen: 21.592 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Instrument :
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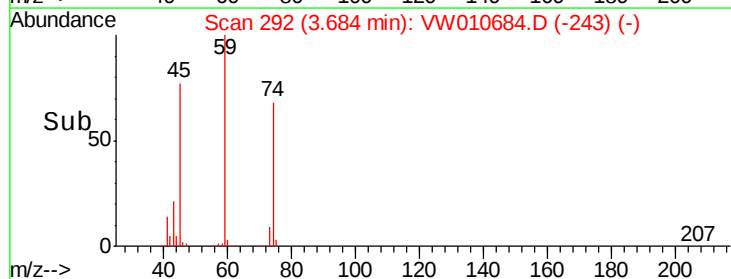
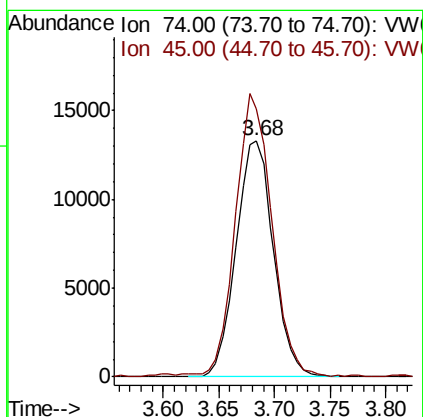
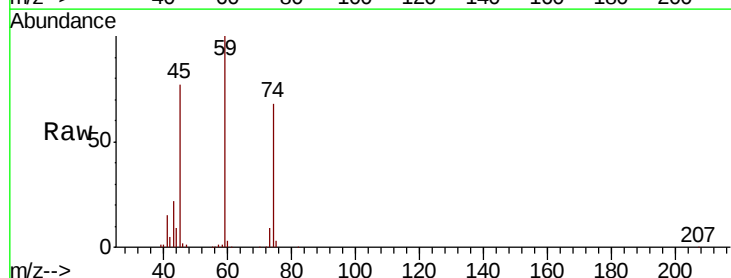
Tgt Ion:101 Resp: 100119
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.2 76.8

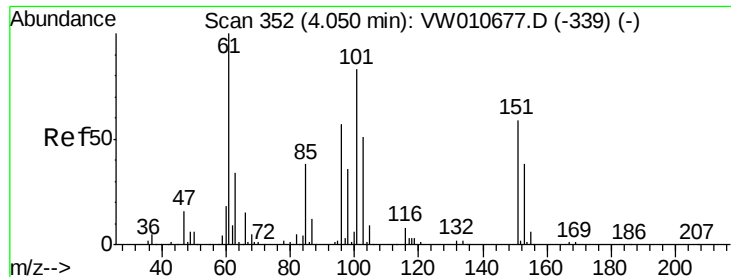


#8

Diethyl Ether
 Concen: 18.671 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion: 74 Resp: 30939
 Ion Ratio Lower Upper
 74 100
 45 117.4 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.129 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

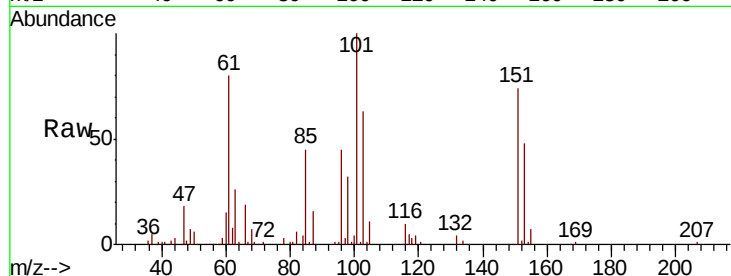
Tgt Ion:101 Resp: 60234

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.8

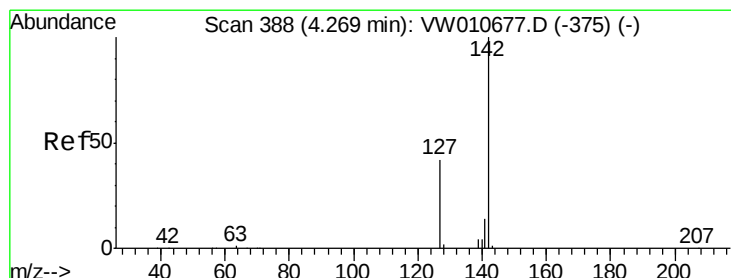
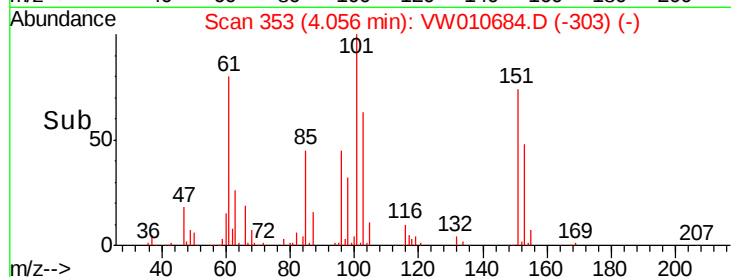
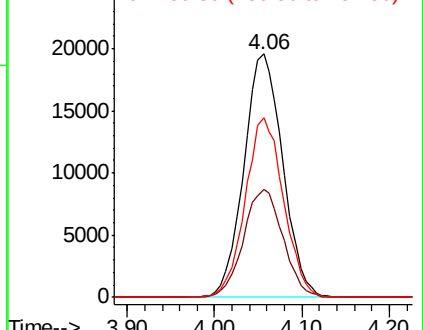
151 72.8 58.1 87.1



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: 18.481 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

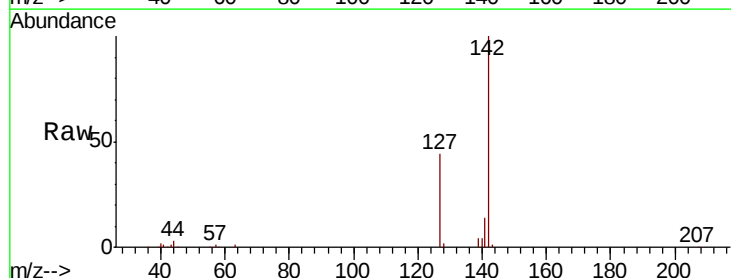
Tgt Ion:142 Resp: 44447

Ion Ratio Lower Upper

142 100

127 43.3 34.6 51.8

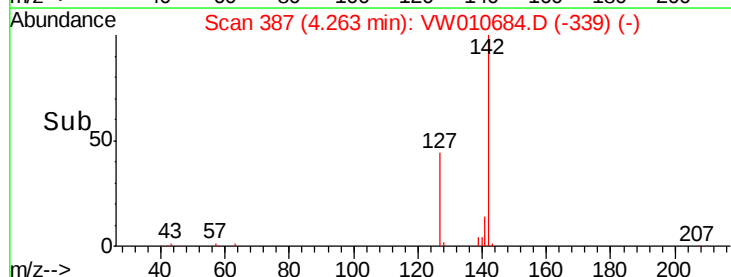
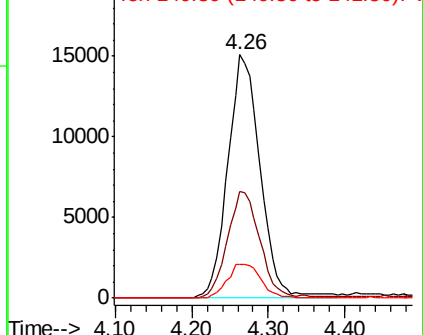
141 14.4 11.6 17.4

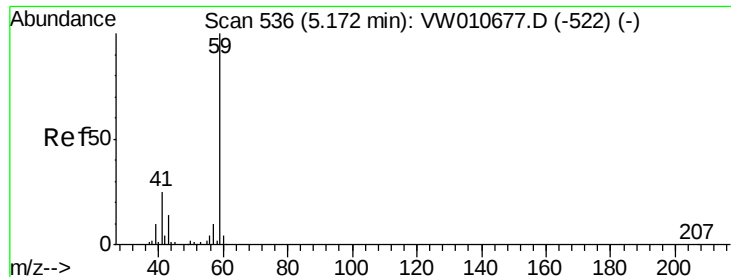


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



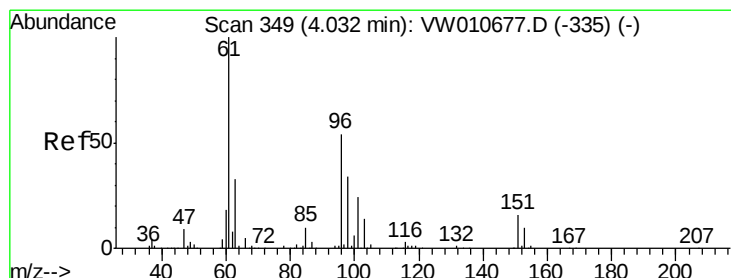
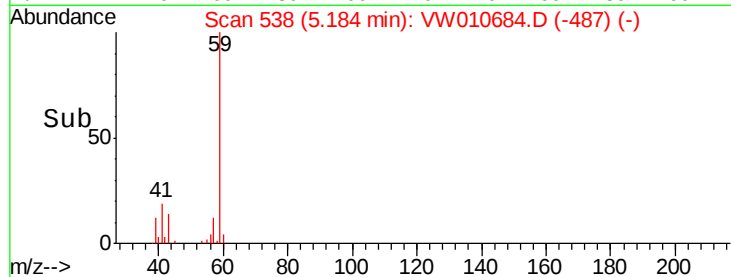
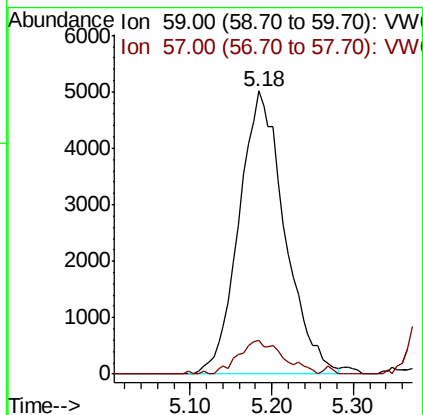
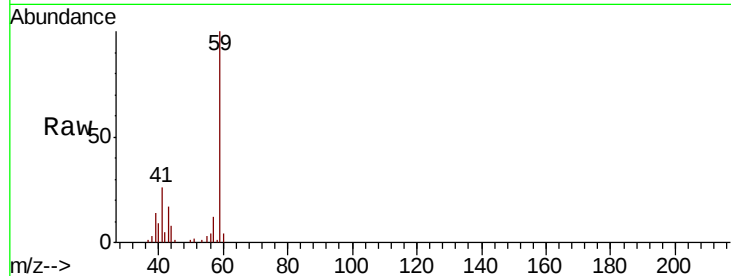


#11

Tert butyl alcohol
Concen: 71.481 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

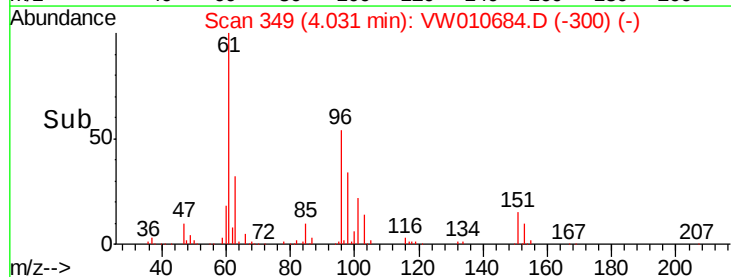
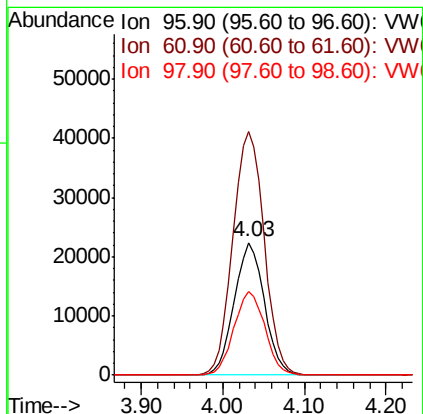
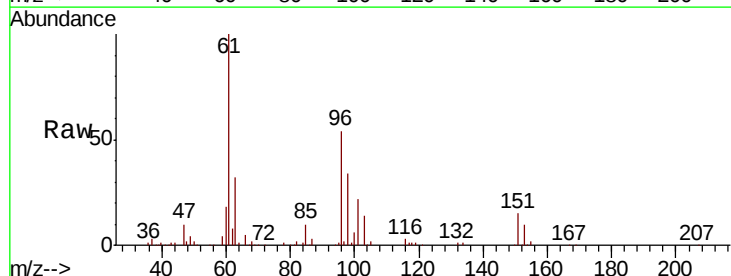
Tgt Ion: 59 Resp: 19518
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8

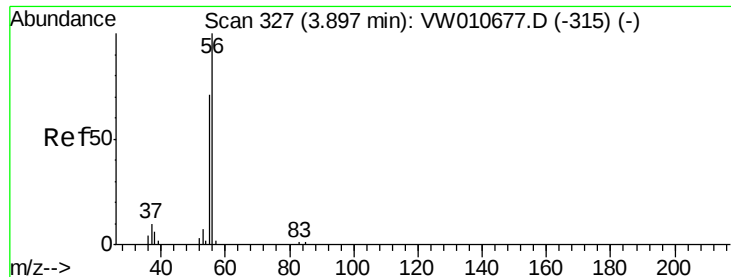


#12

1,1-Dichloroethene
Concen: 20.830 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 96 Resp: 57282
Ion Ratio Lower Upper
96 100
61 183.7 149.1 223.7
98 63.1 51.1 76.7





#13

Acrolein

Concen: 89.641 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

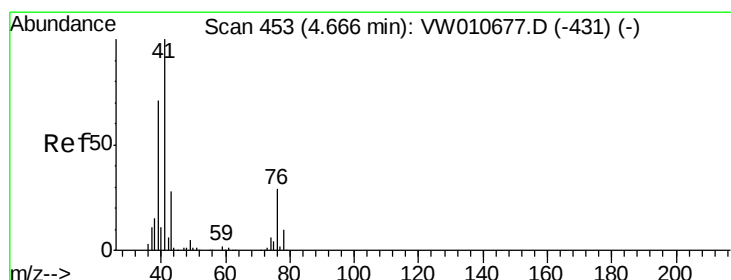
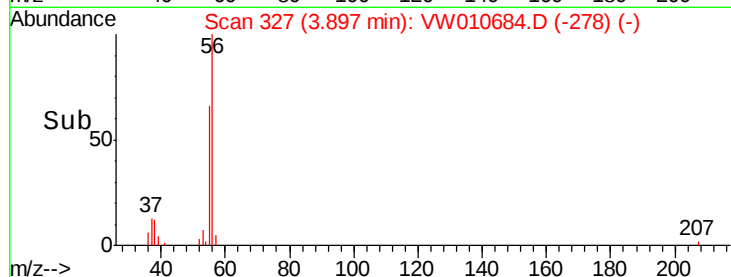
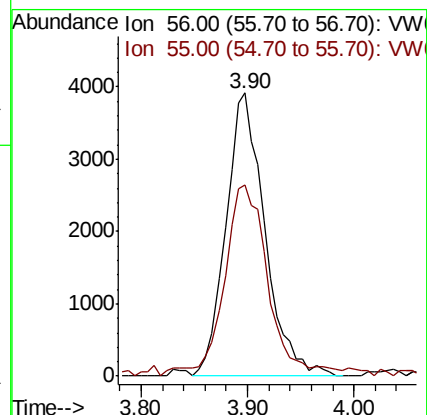
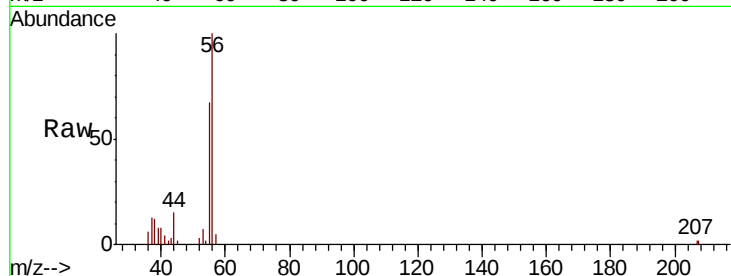
VW0605SBS01

Tgt Ion: 56 Resp: 10002

Ion Ratio Lower Upper

56 100

55 70.9 57.6 86.4



#14

Allyl chloride

Concen: 21.015 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

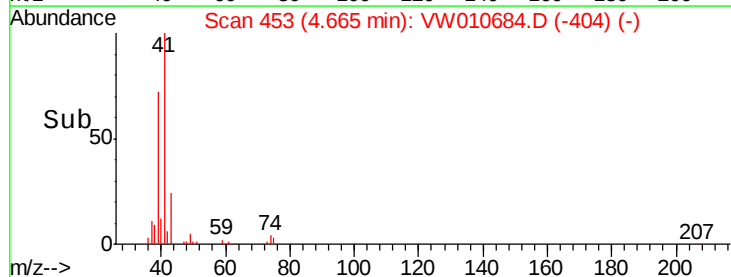
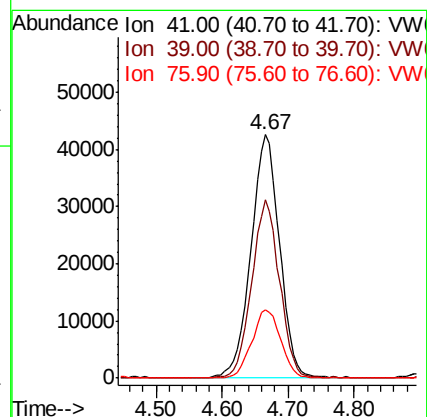
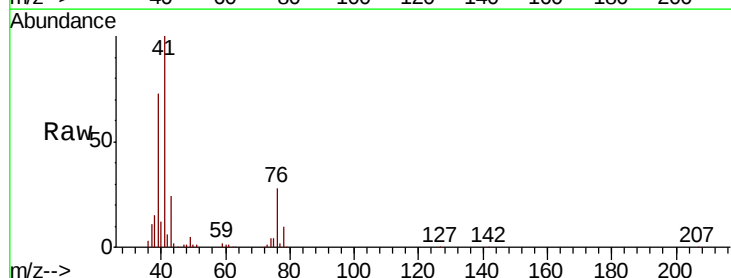
Tgt Ion: 41 Resp: 127425

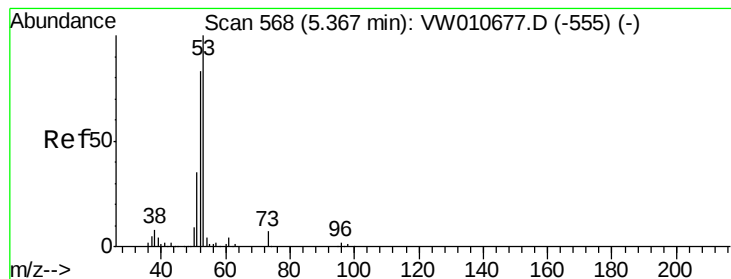
Ion Ratio Lower Upper

41 100

39 71.6 55.8 83.6

76 28.5 22.7 34.1





#15

Acrylonitrile

Concen: 84.820 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampled :

VW0605SBS01

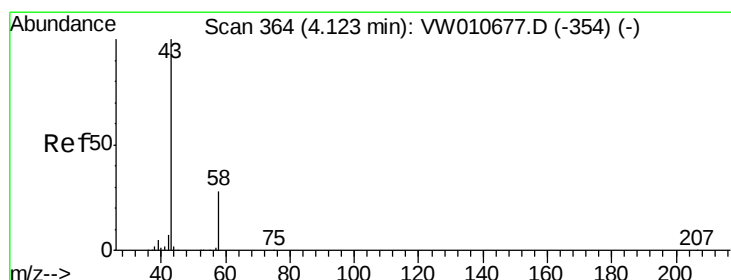
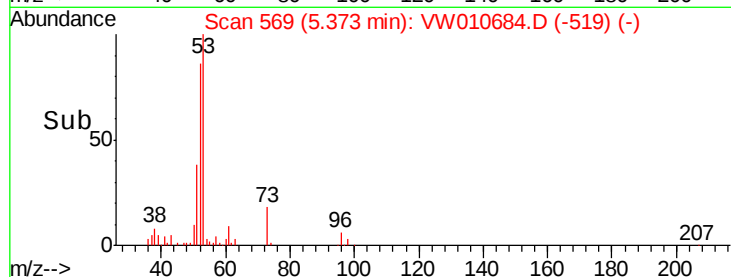
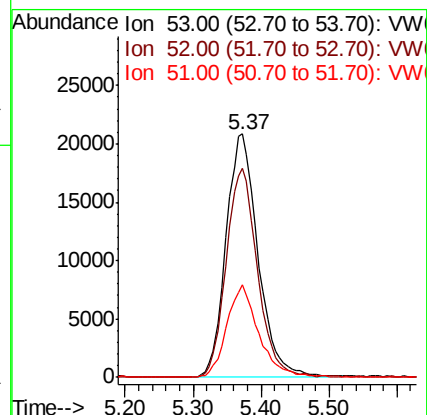
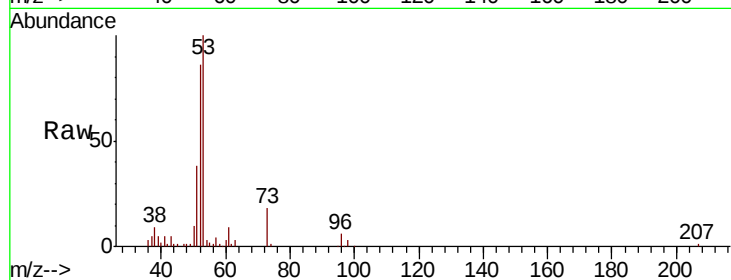
Tgt Ion: 53 Resp: 68281

Ion Ratio Lower Upper

53 100

52 83.4 66.6 100.0

51 37.8 29.8 44.8



#16

Acetone

Concen: 76.701 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010684.D

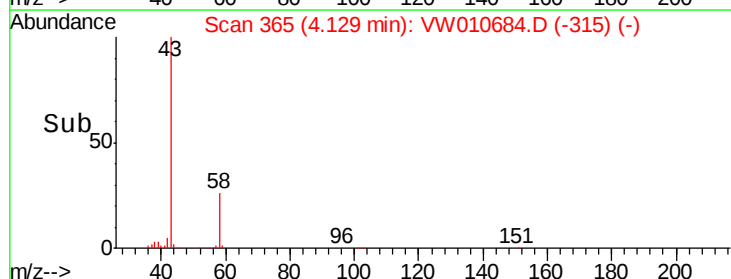
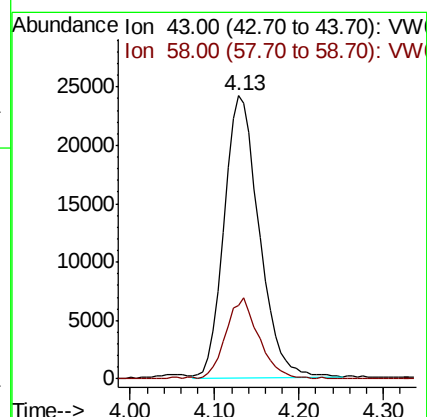
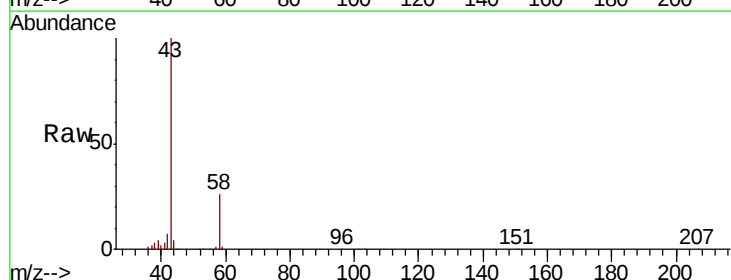
Acq: 05 Jun 2019 11:31

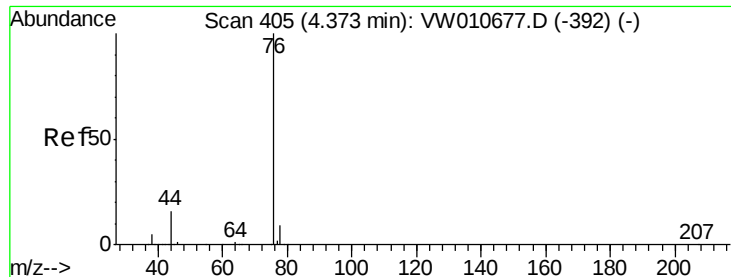
Tgt Ion: 43 Resp: 68883

Ion Ratio Lower Upper

43 100

58 25.9 22.1 33.1

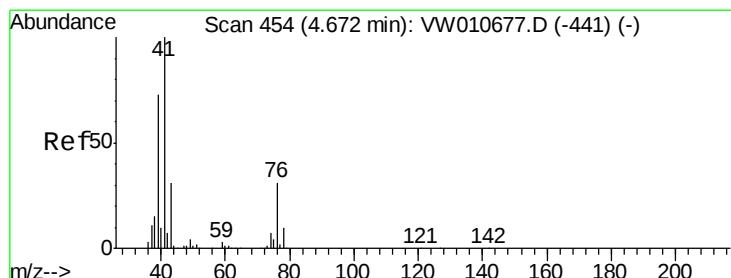
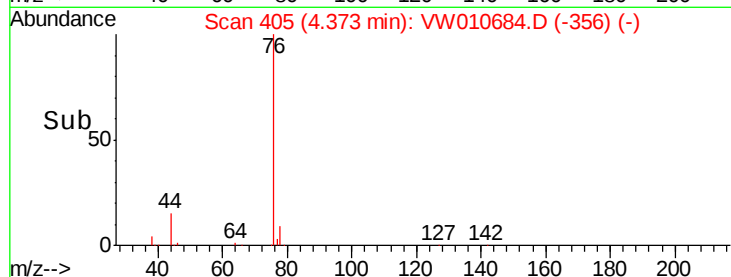
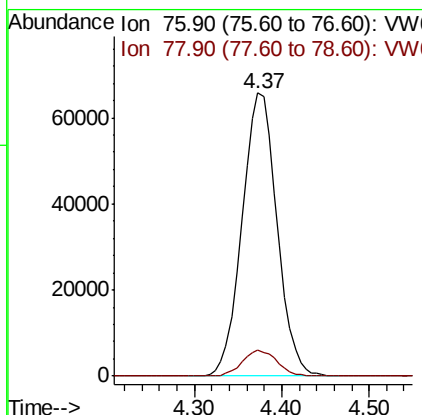
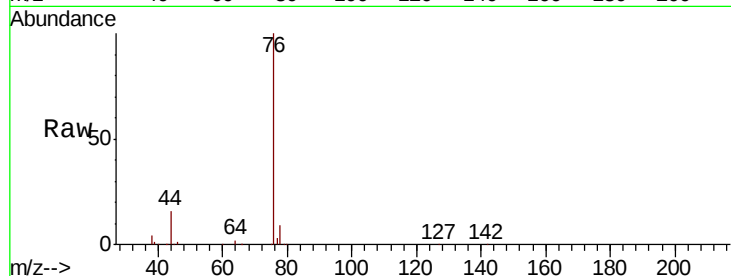




#17
Carbon Disulfide
Concen: 20.860 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

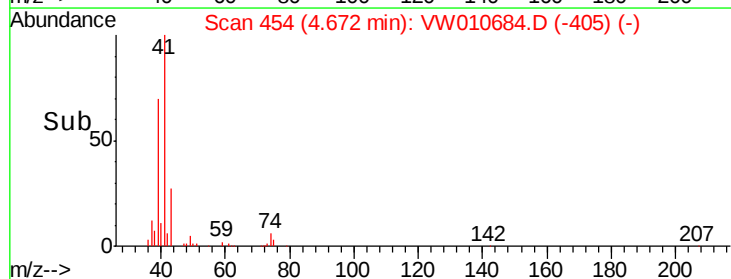
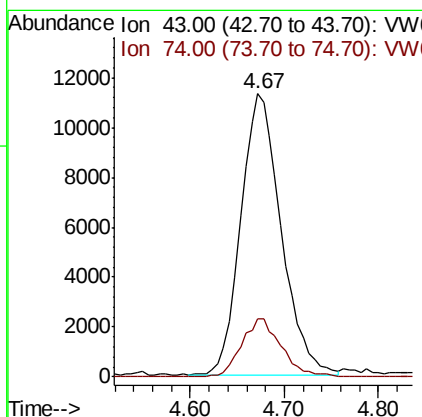
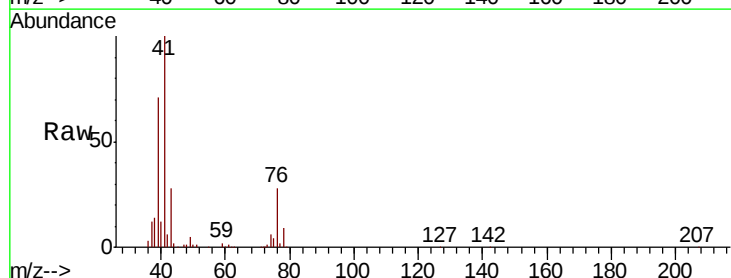
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

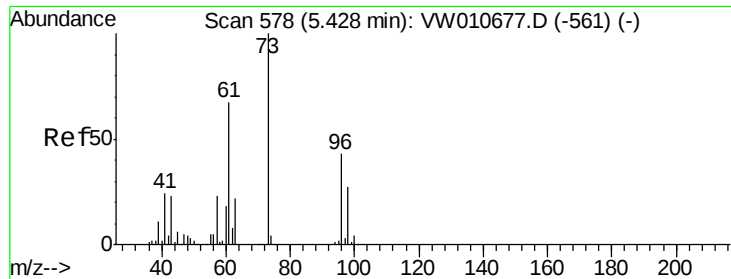
Tgt Ion: 76 Resp: 182101
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 17.422 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 43 Resp: 33680
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1

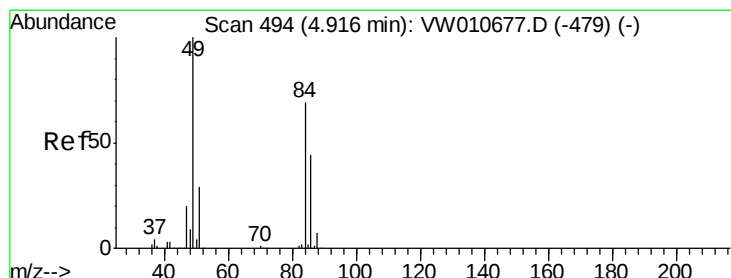
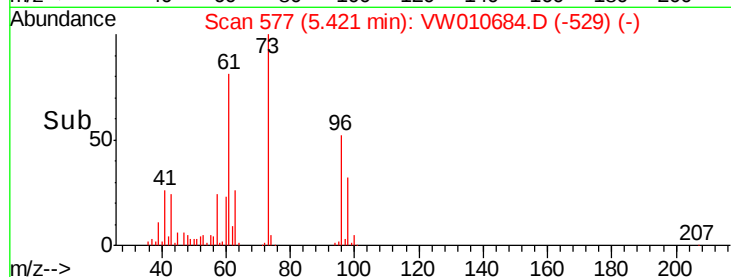
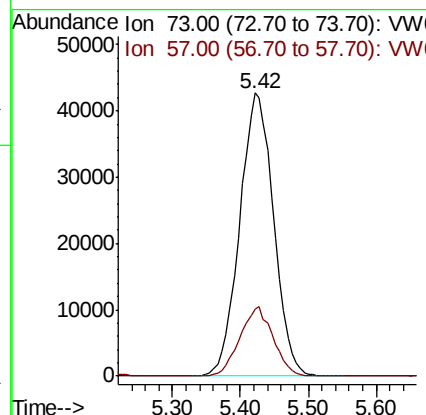
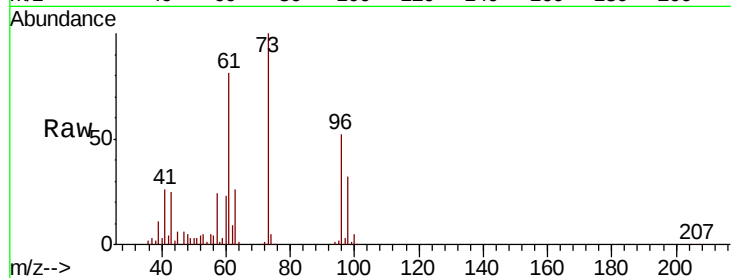




#19
Methyl tert-butyl Ether
Concen: 18.628 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

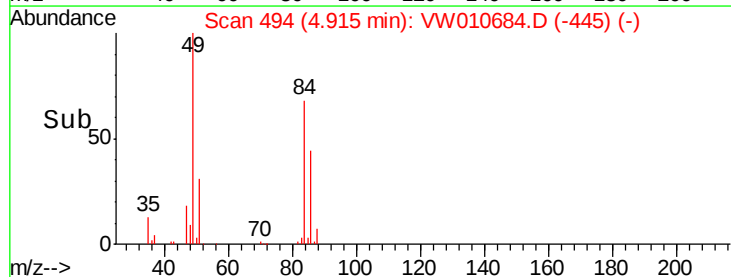
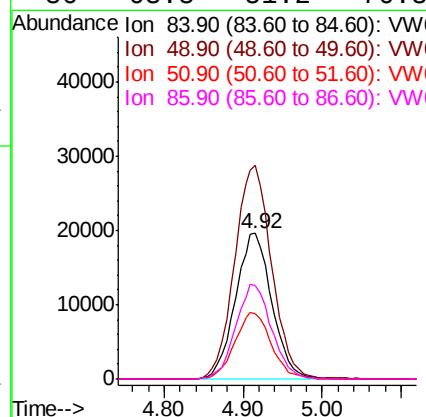
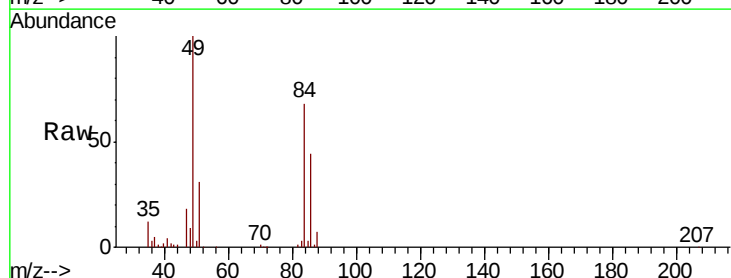
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

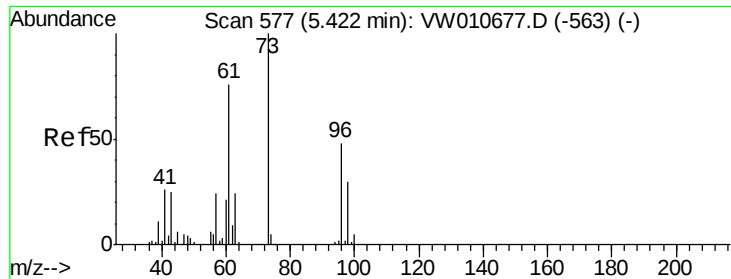
Tgt Ion: 73 Resp: 147740
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8



#20
Methylene Chloride
Concen: 19.914 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 84 Resp: 62740
Ion Ratio Lower Upper
84 100
49 146.6 116.7 175.1
51 45.0 34.2 51.2
86 63.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.862 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

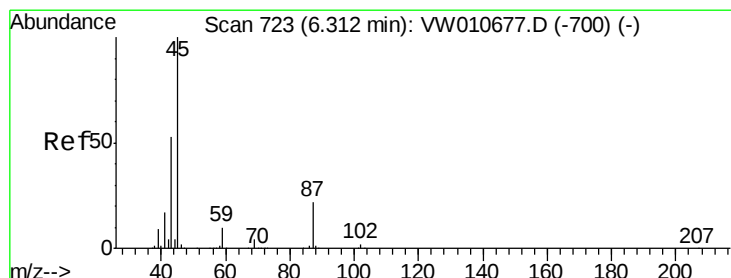
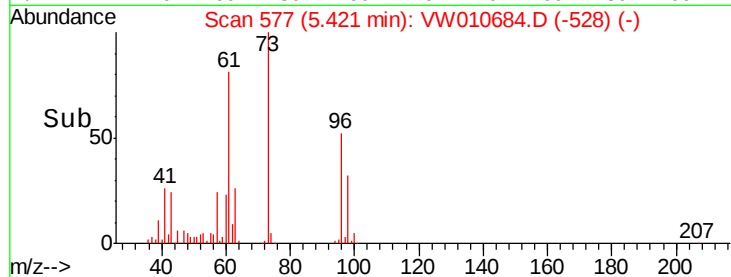
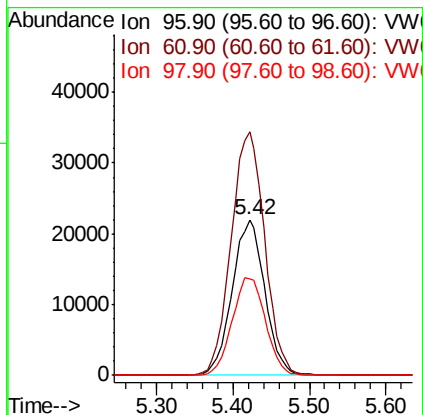
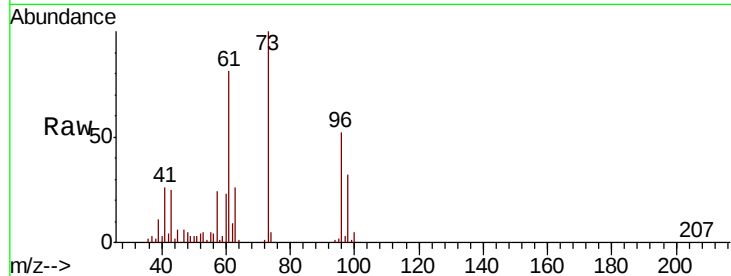
Tgt Ion: 96 Resp: 65126

Ion Ratio Lower Upper

96 100

61 156.2 126.0 189.0

98 61.8 49.6 74.4



#22

Diisopropyl ether

Concen: 20.170 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Tgt Ion: 45 Resp: 244850

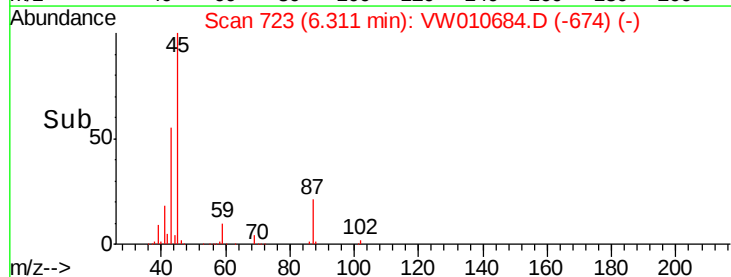
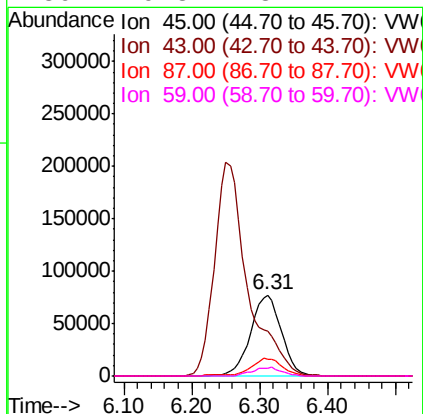
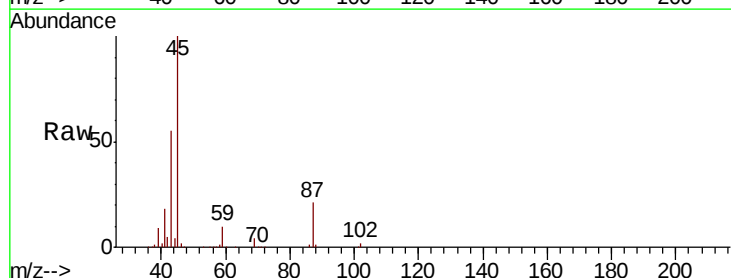
Ion Ratio Lower Upper

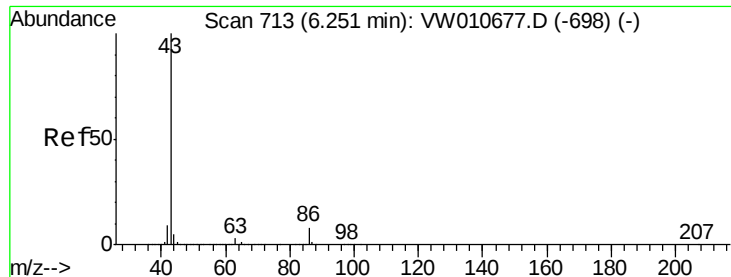
45 100

43 54.2 42.5 63.7

87 21.2 17.4 26.2

59 9.8 8.1 12.1

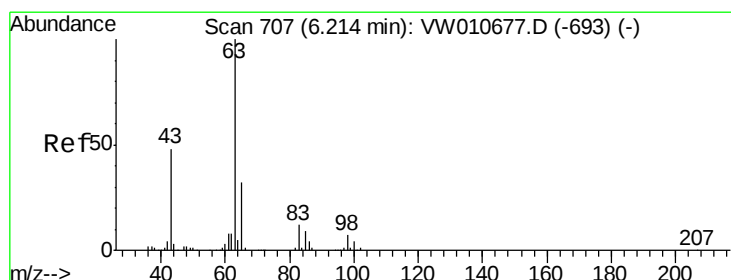
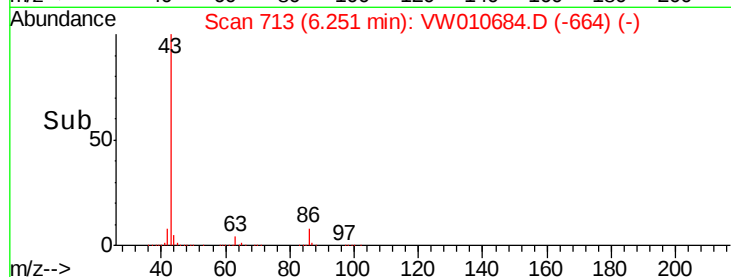
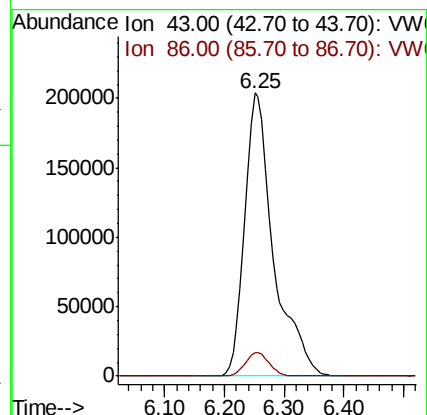
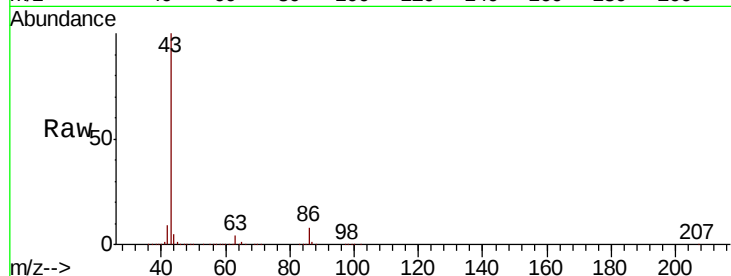




#23
 Vinyl Acetate
 Concen: 93.878 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

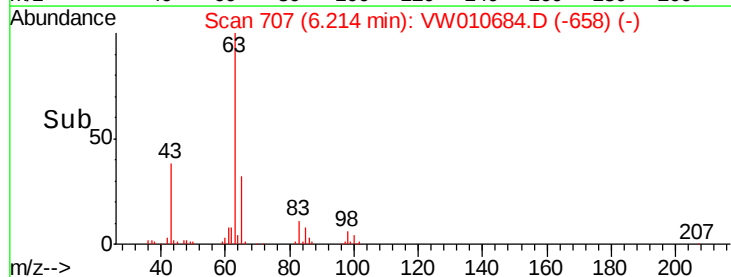
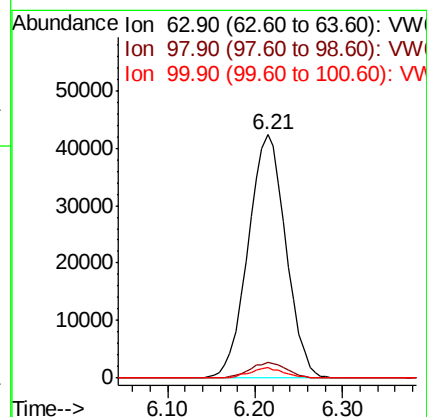
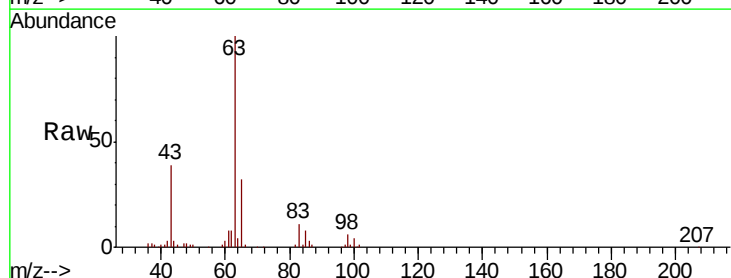
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

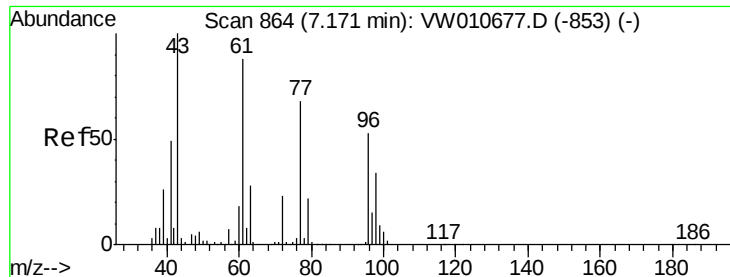
Tgt Ion: 43 Resp: 687742
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 20.798 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion: 63 Resp: 126521
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 81.104 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

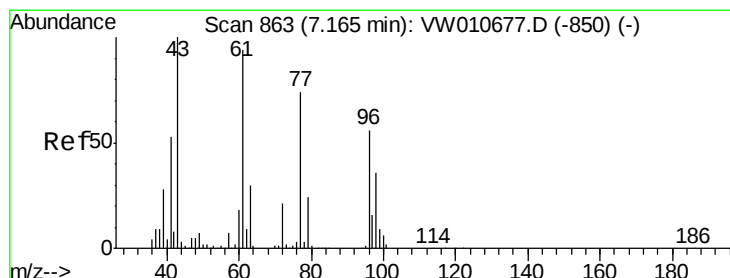
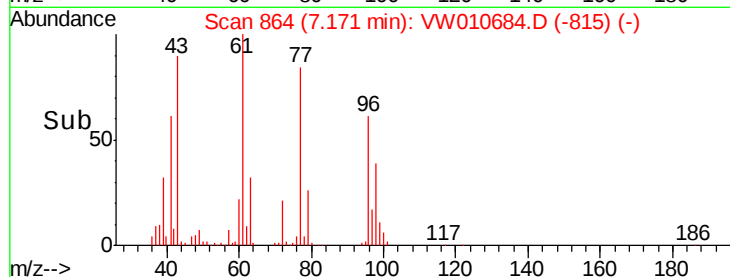
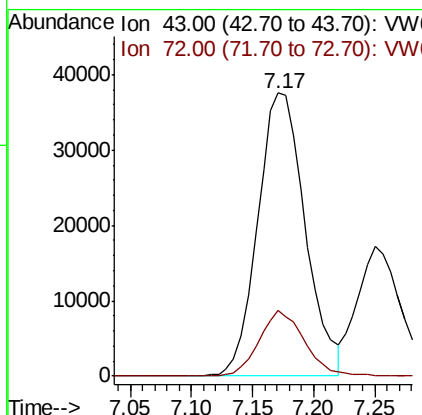
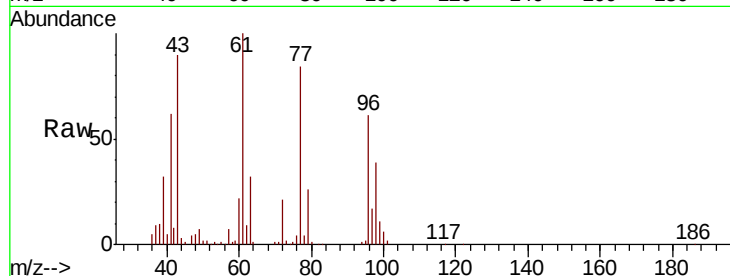
VW0605SBS01

Tgt Ion: 43 Resp: 100999

Ion Ratio Lower Upper

43 100

72 23.3 18.1 27.1



#26

2,2-Dichloropropane

Concen: 22.006 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010684.D

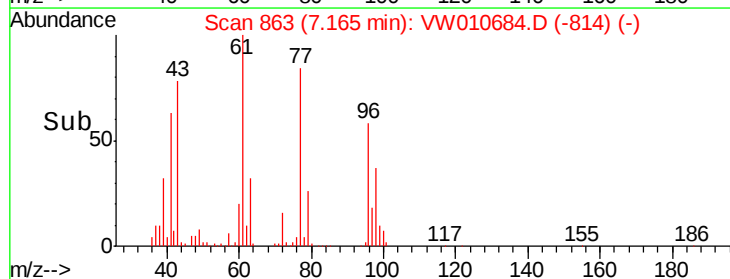
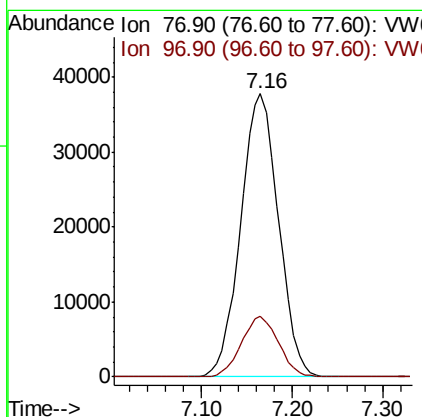
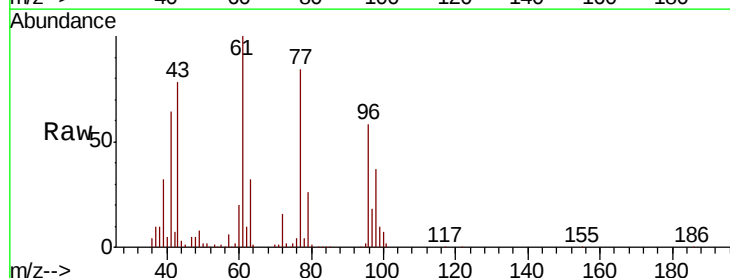
Acq: 05 Jun 2019 11:31

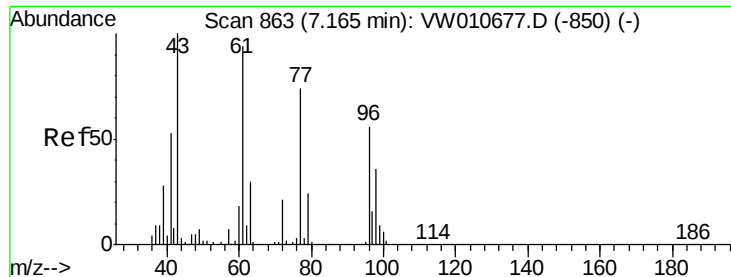
Tgt Ion: 77 Resp: 108938

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.6



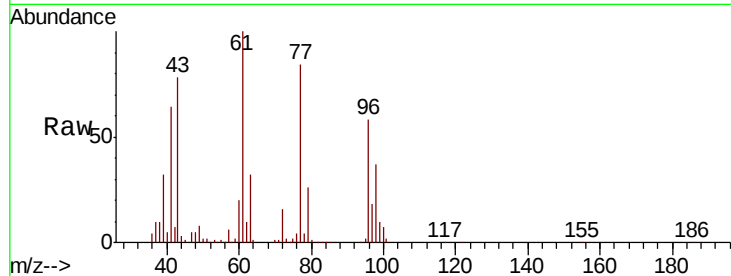


#27

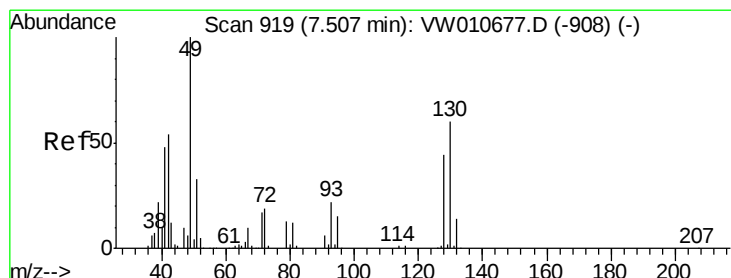
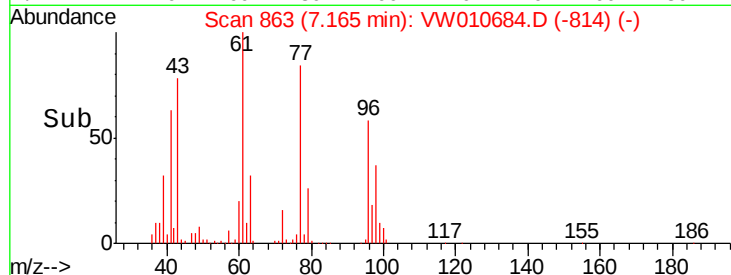
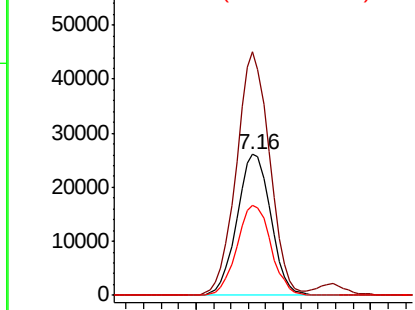
cis-1,2-Dichloroethene
Concen: 20.322 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

Tgt Ion: 96 Resp: 69818
Ion Ratio Lower Upper
96 100
61 170.2 0.0 336.4
98 64.5 0.0 128.0



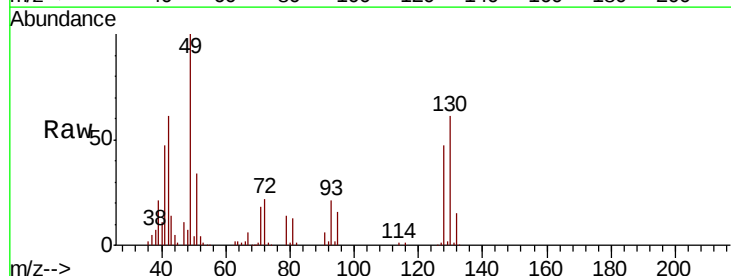
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



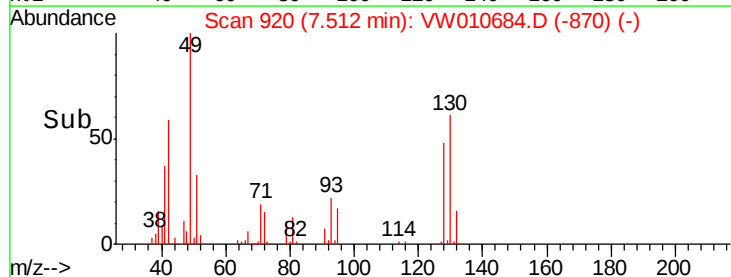
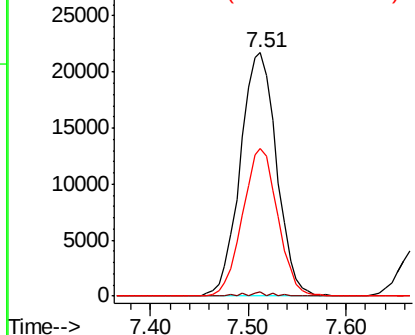
#28

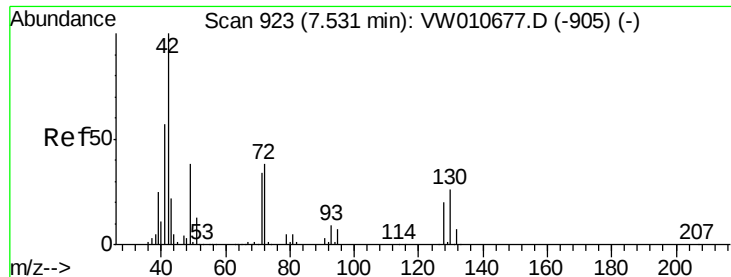
Bromochloromethane
Concen: 20.589 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 49 Resp: 55896
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.2
130 58.6 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

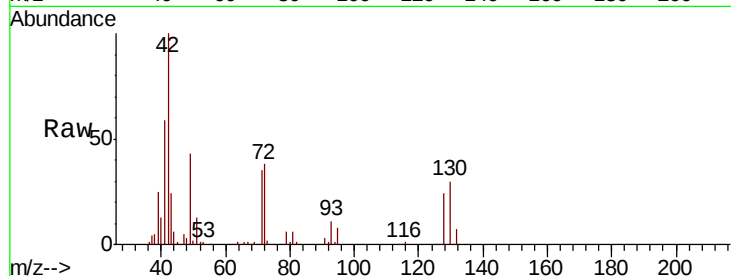




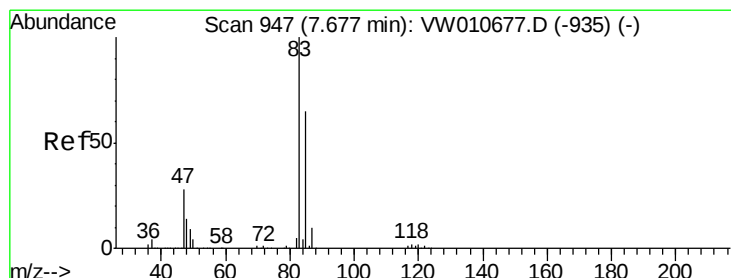
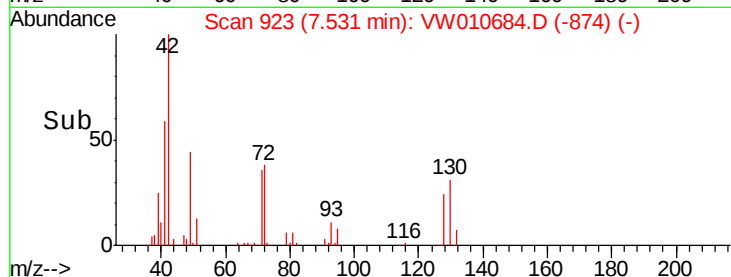
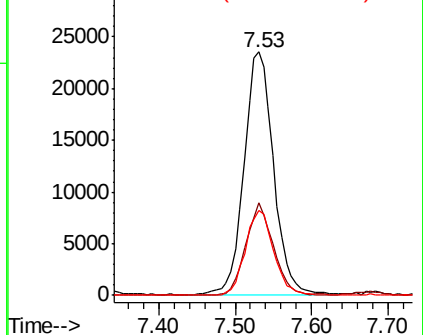
#29
Tetrahydrofuran
Concen: 80.498 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

Tgt Ion: 42 Resp: 63053
Ion Ratio Lower Upper
42 100
72 35.3 28.7 43.1
71 33.7 26.6 39.8

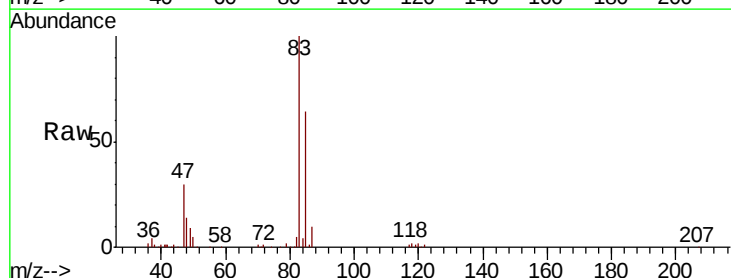


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

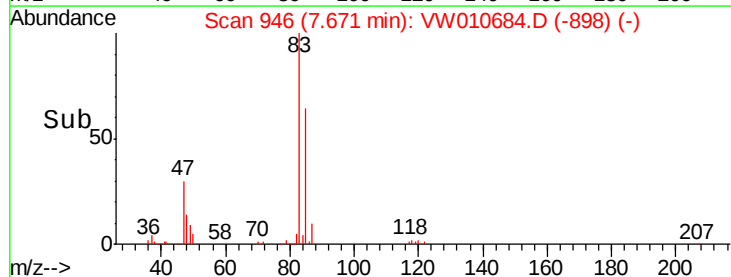
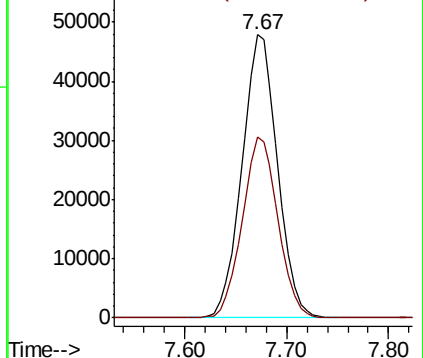


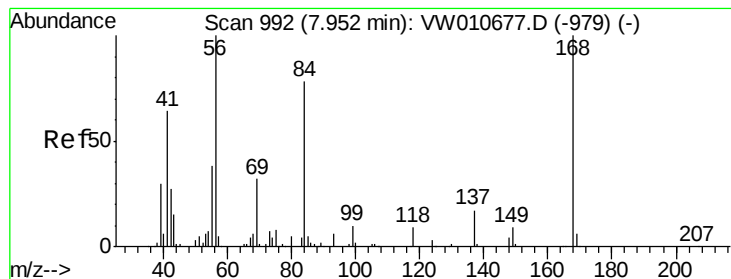
#30
Chloroform
Concen: 20.722 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 83 Resp: 115304
Ion Ratio Lower Upper
83 100
85 64.0 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: 20.891 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

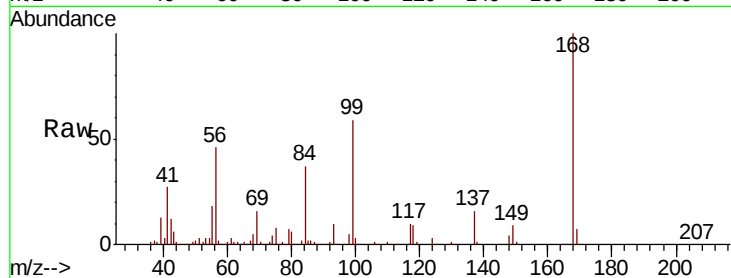
Tgt Ion: 56 Resp: 141278

Ion Ratio Lower Upper

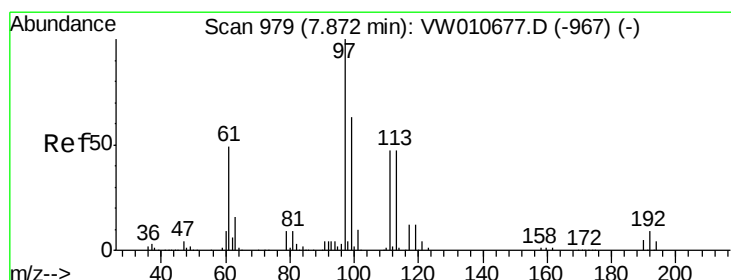
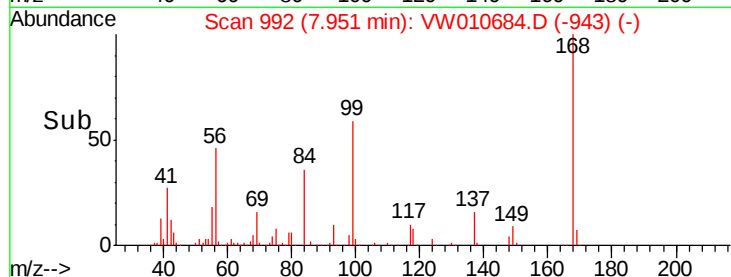
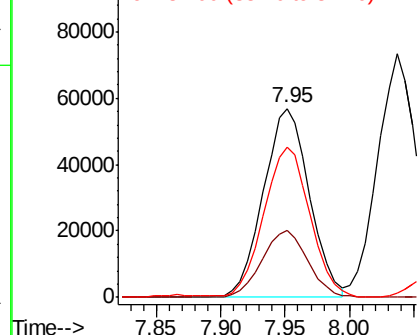
56 100

69 35.4 25.2 37.8

84 78.4 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: 21.170 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

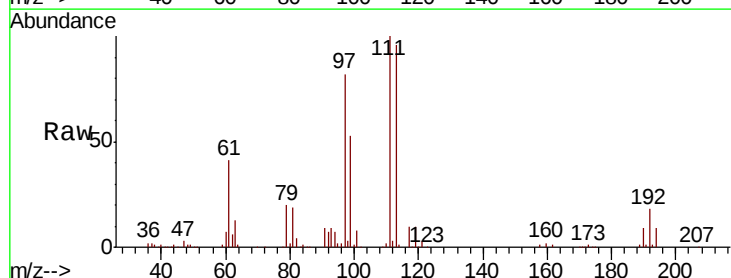
Tgt Ion: 97 Resp: 102902

Ion Ratio Lower Upper

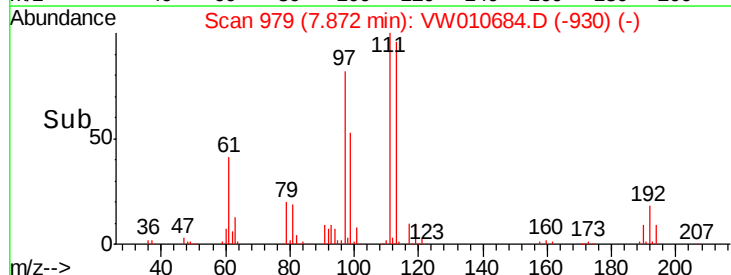
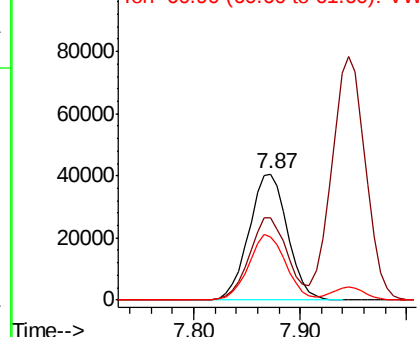
97 100

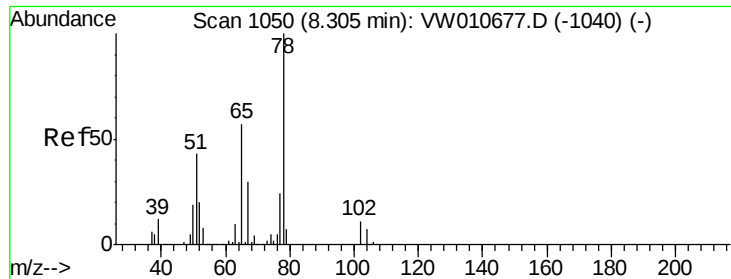
99 65.8 51.3 76.9

61 50.6 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

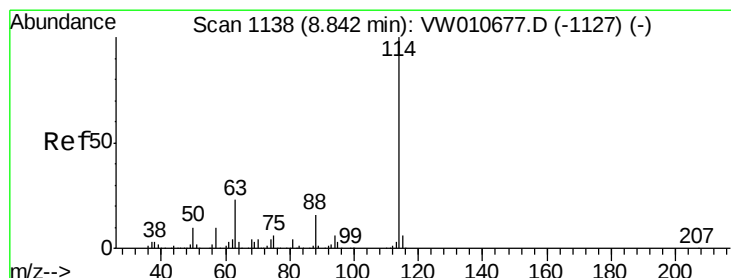
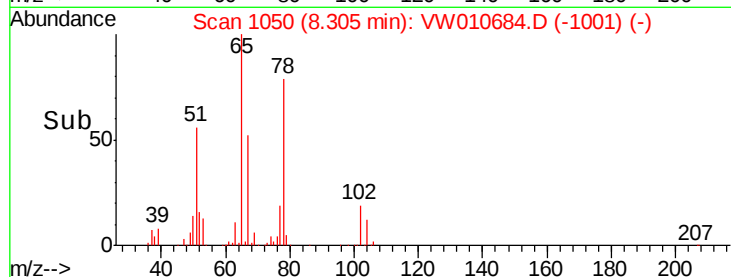
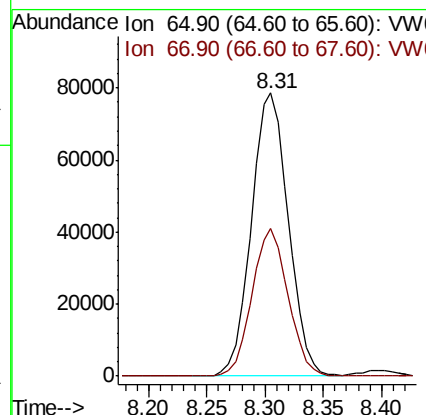
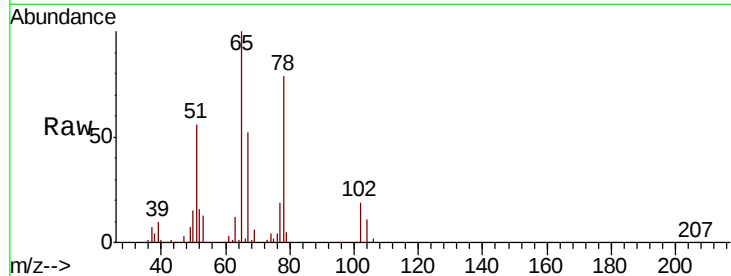




#33
 1,2-Dichloroethane-d4
 Concen: 51.662 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

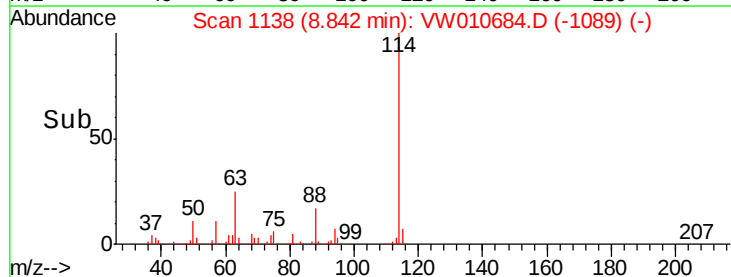
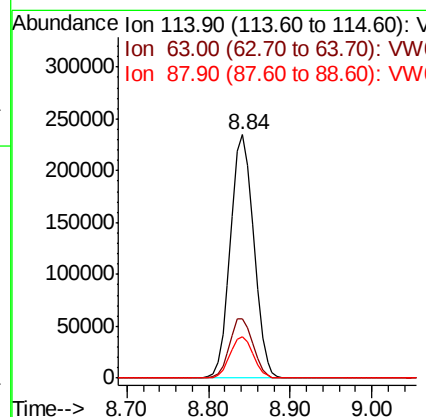
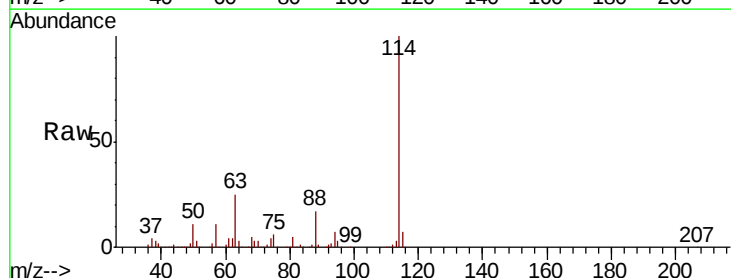
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

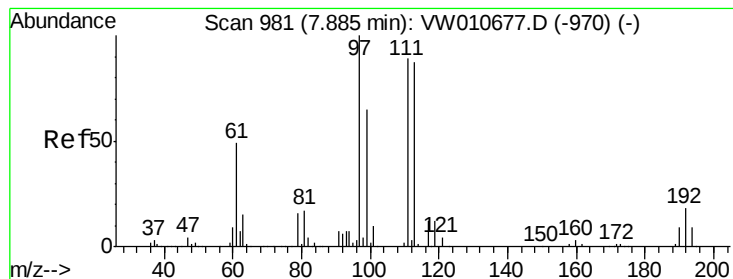
Tgt Ion: 65 Resp: 173152
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion: 114 Resp: 463694
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 46.4
 88 17.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.044 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

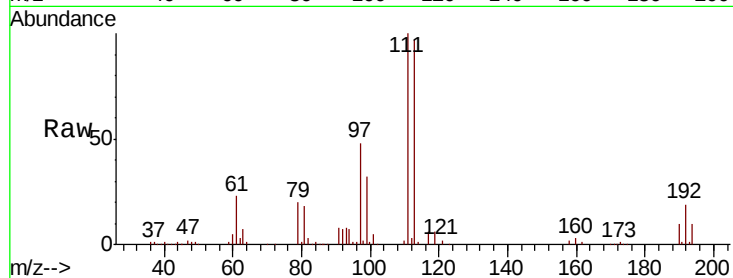
Tgt Ion:113 Resp: 138537

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

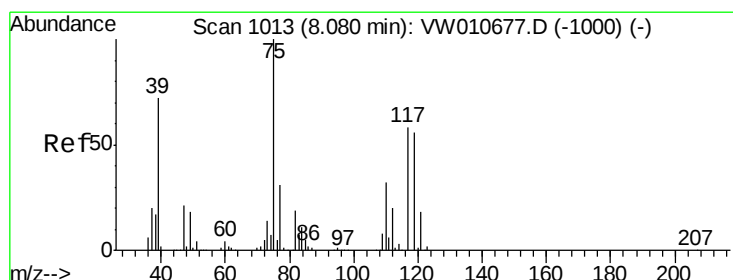
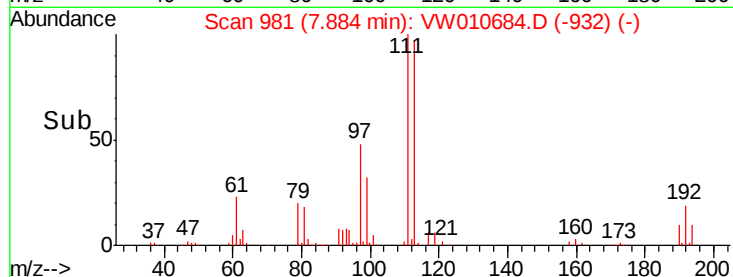
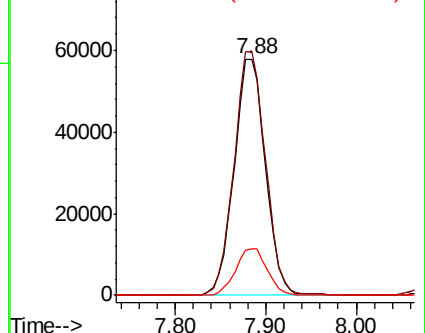
192 19.9 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.405 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

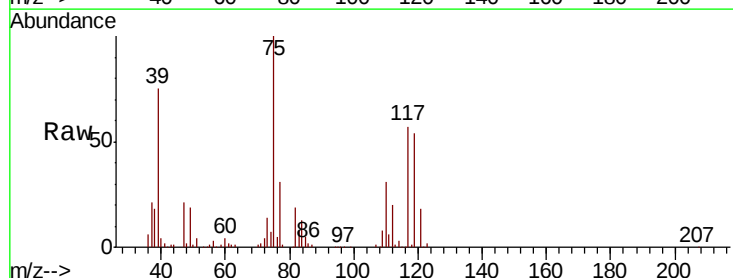
Tgt Ion: 75 Resp: 101596

Ion Ratio Lower Upper

75 100

110 31.7 15.8 47.3

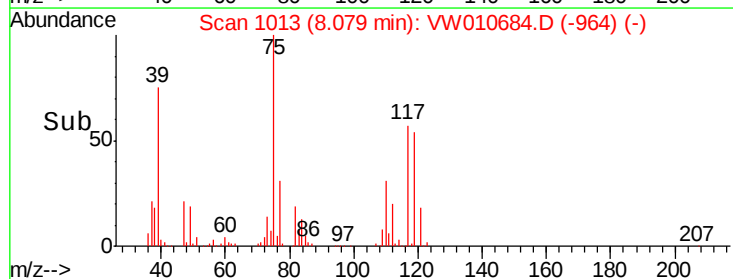
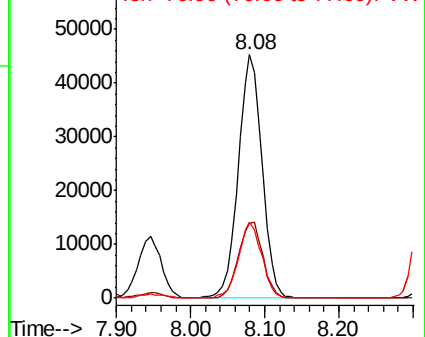
77 30.4 24.7 37.1

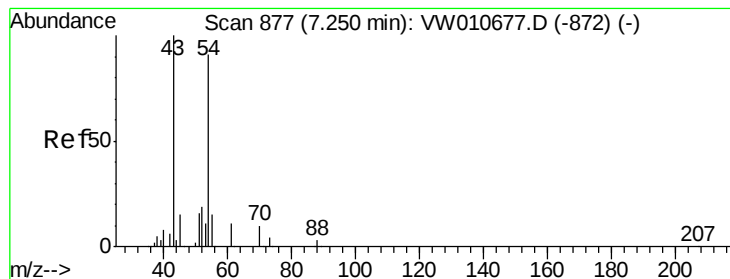


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 16.187 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

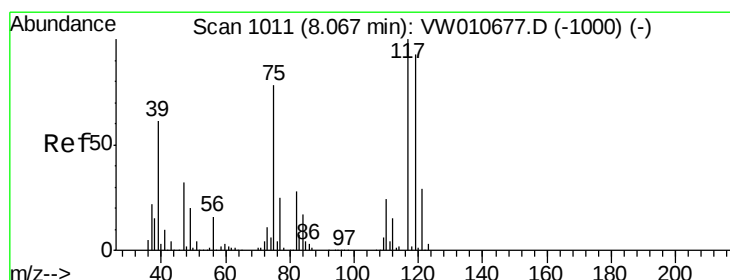
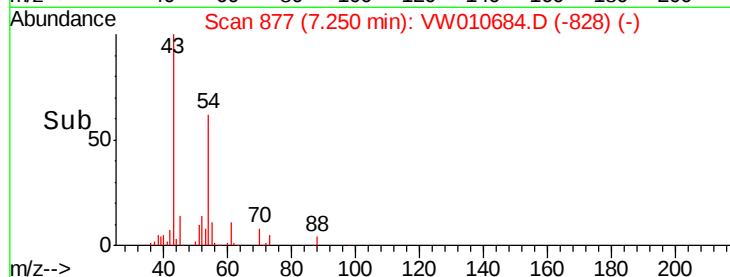
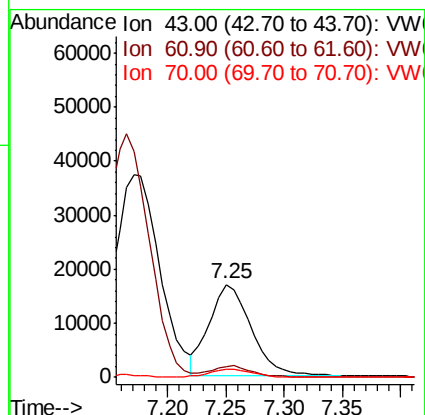
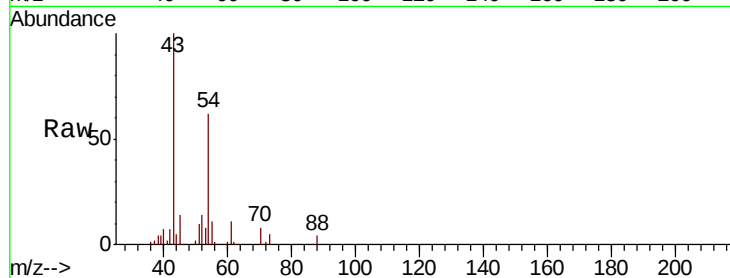
Tgt Ion: 43 Resp: 42574

Ion Ratio Lower Upper

43 100

61 12.2 9.7 14.5

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.649 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

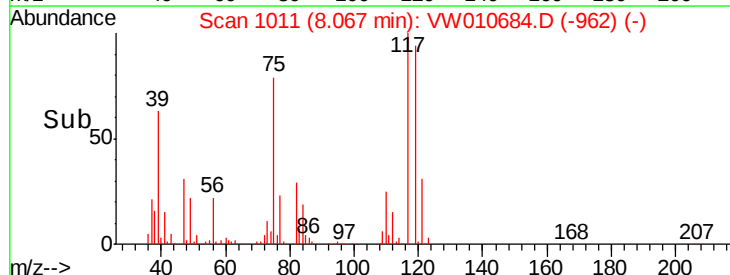
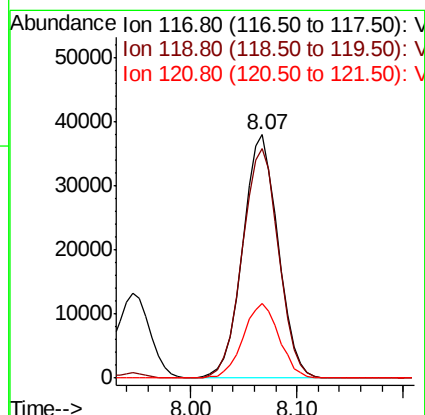
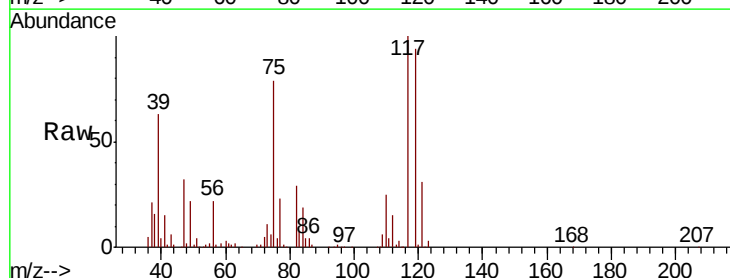
Tgt Ion: 117 Resp: 88703

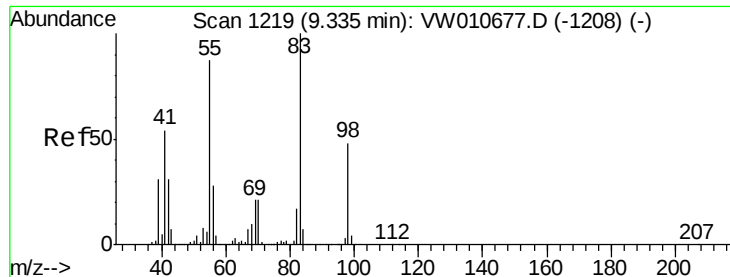
Ion Ratio Lower Upper

117 100

119 94.4 74.2 111.4

121 30.8 22.9 34.3

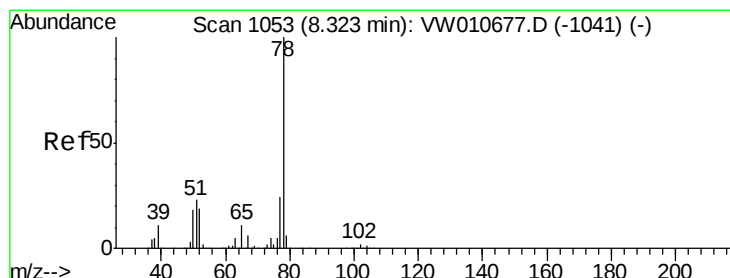
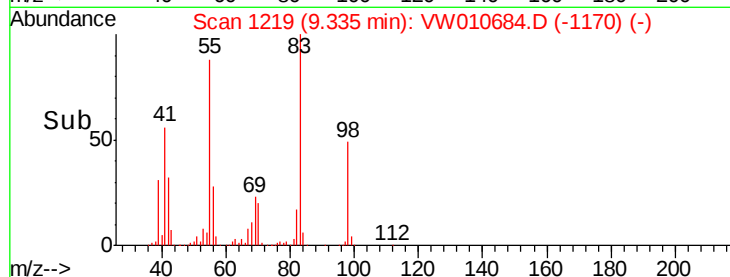
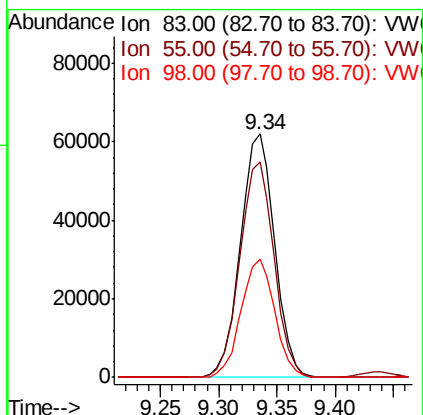
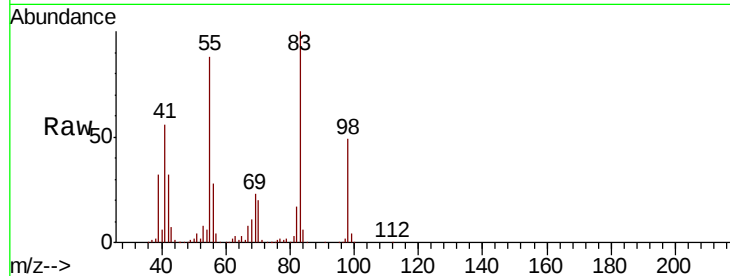




#39
Methylcyclohexane
Concen: 20.958 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

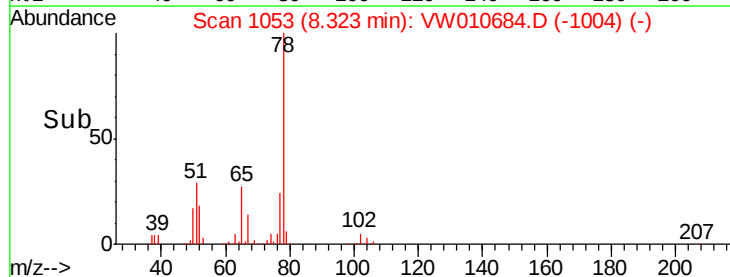
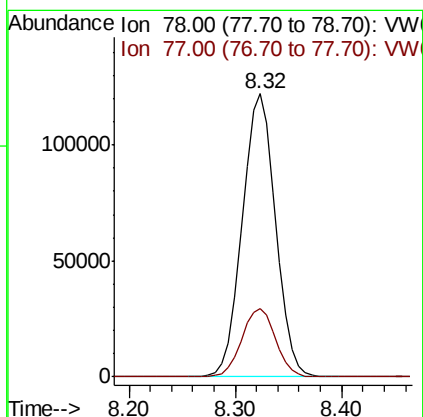
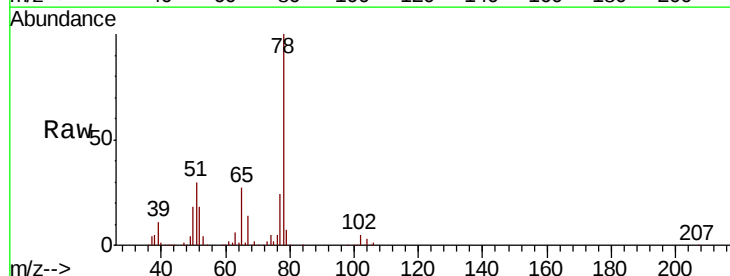
Instrument :
MSVOA_W
ClientSampled :
VW0605SBS01

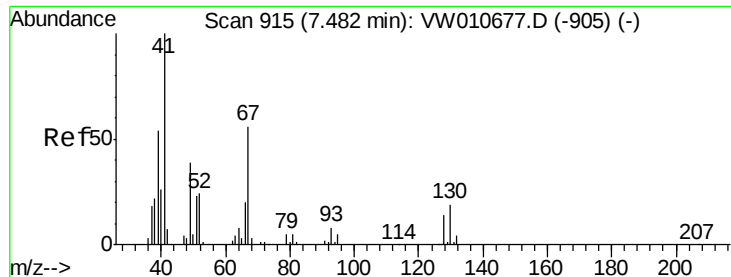
Tgt Ion: 83 Resp: 126455
Ion Ratio Lower Upper
83 100
55 88.3 70.0 105.0
98 48.6 38.1 57.1



#40
Benzene
Concen: 20.673 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 78 Resp: 267686
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

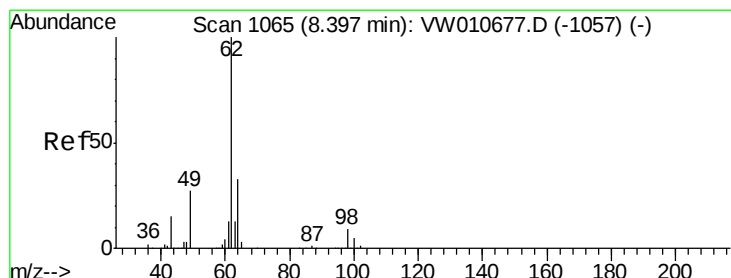
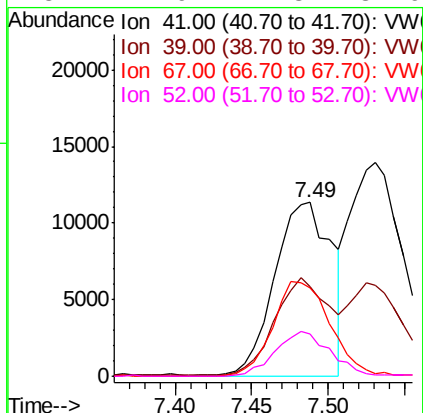
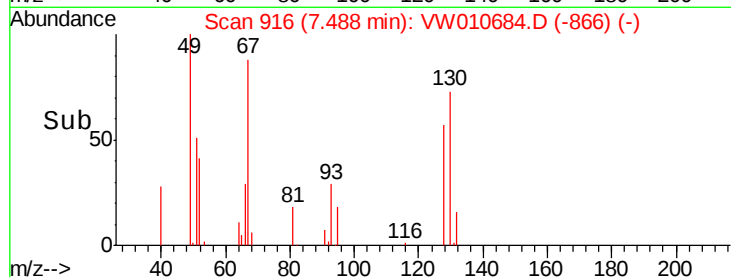
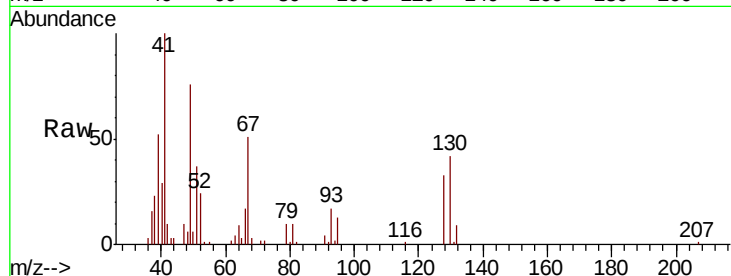




#41
Methacrylonitrile
Concen: 18.949 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

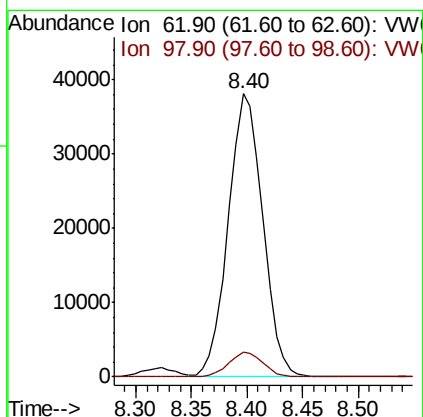
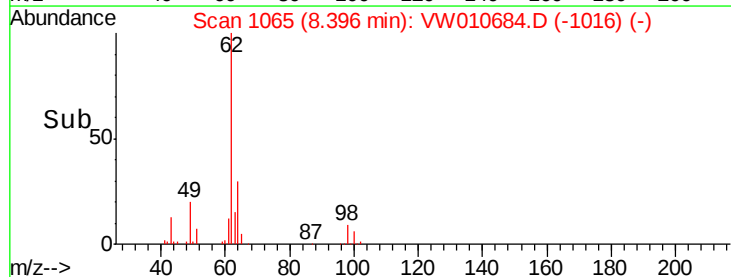
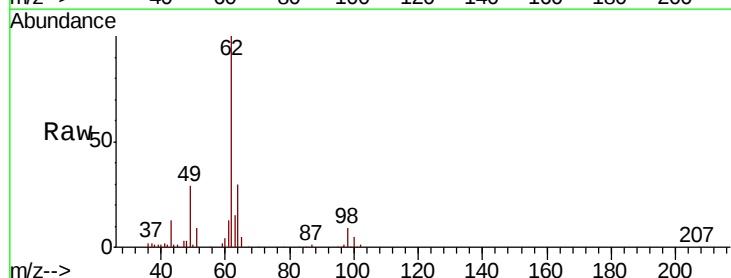
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

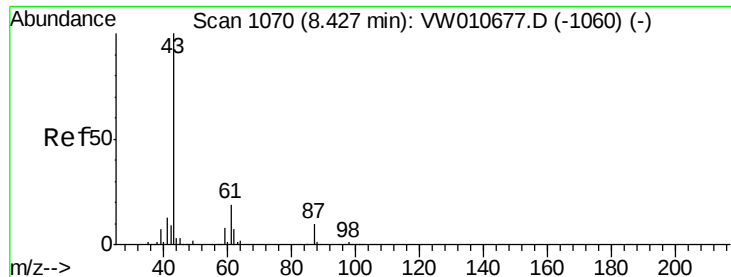
Tgt Ion: 41 Resp: 29624
Ion Ratio Lower Upper
41 100
39 52.9 47.3 70.9
67 54.8 47.2 70.8
52 24.9 21.3 31.9



#42
1,2-Dichloroethane
Concen: 19.955 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 62 Resp: 82008
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.2

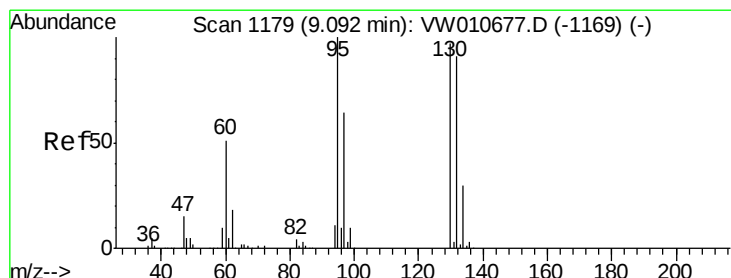
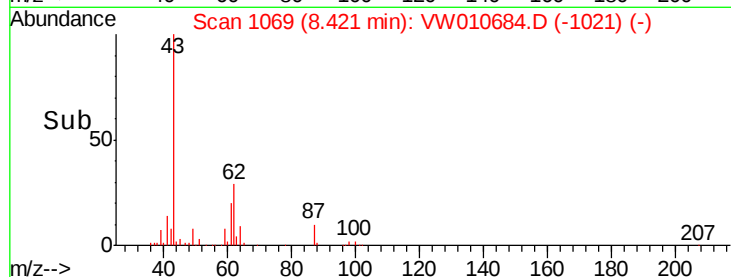
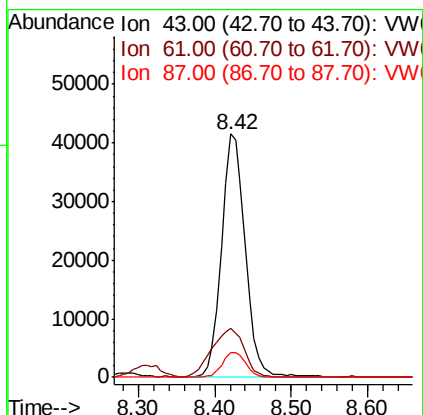
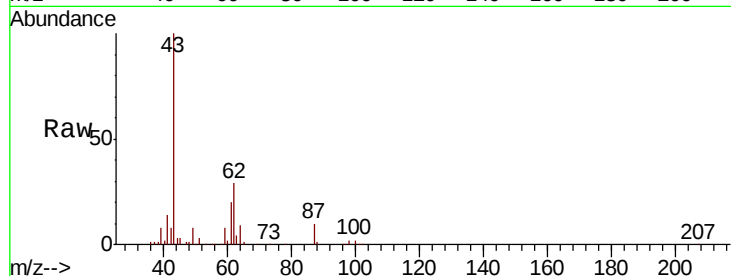




#43
Isopropyl Acetate
Concen: 17.311 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

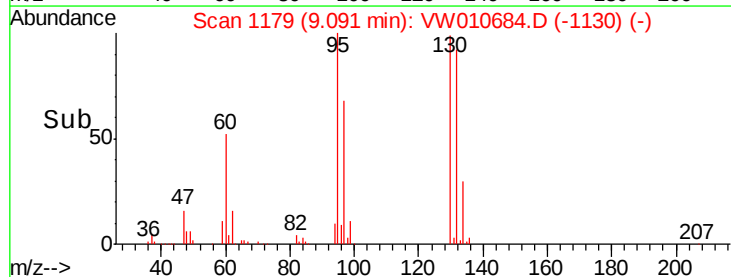
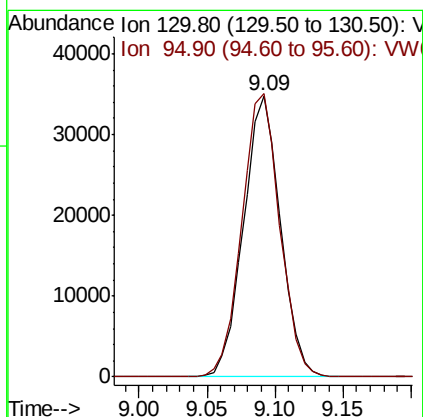
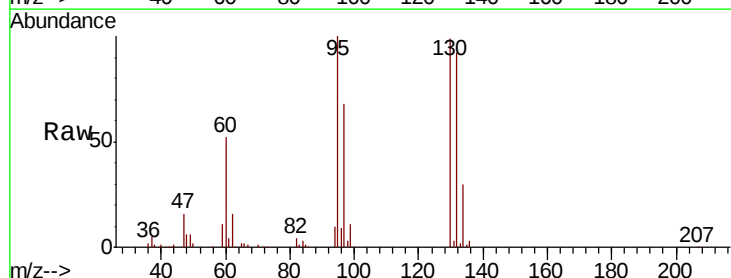
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

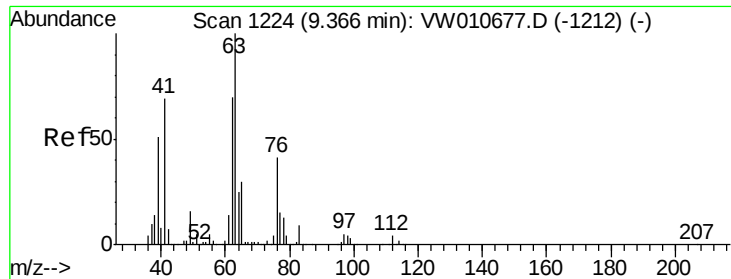
Tgt Ion: 43 Resp: 87966
Ion Ratio Lower Upper
43 100
61 27.9 21.2 31.8
87 10.4 8.3 12.5



#44
Trichloroethene
Concen: 20.720 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 130 Resp: 66181
Ion Ratio Lower Upper
130 100
95 100.4 0.0 207.0

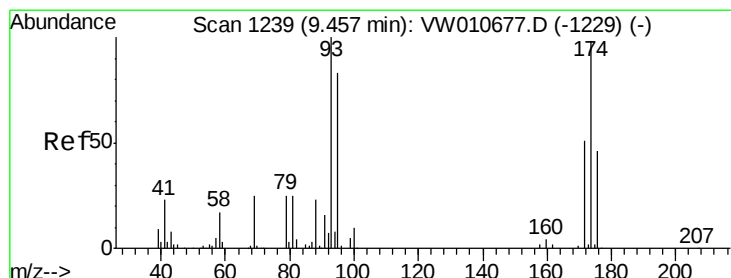
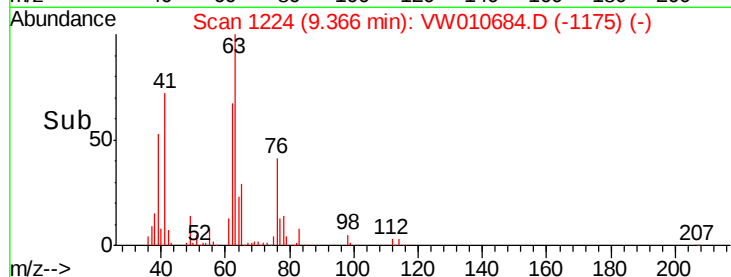
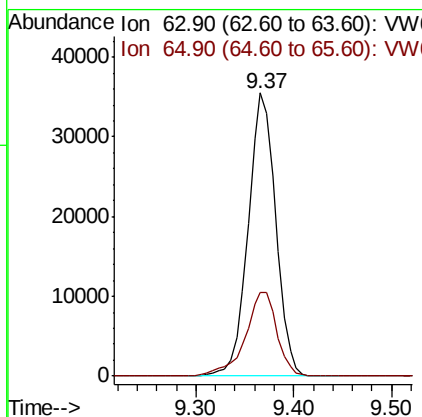
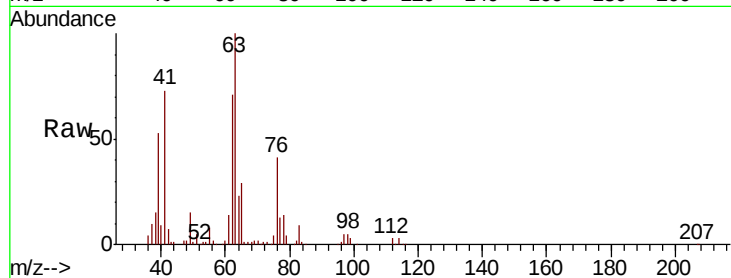




#45
 1,2-Dichloropropane
 Concen: 20.290 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

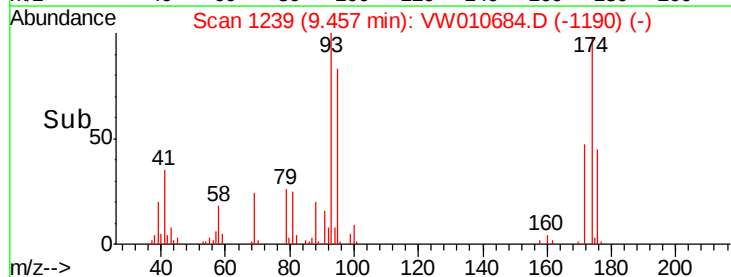
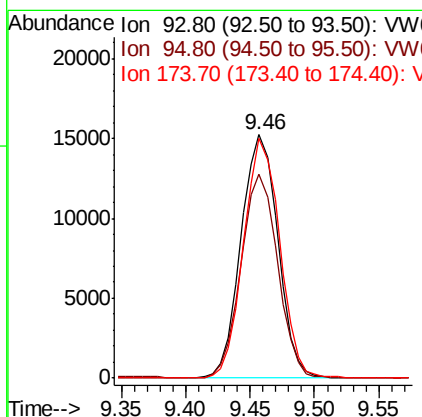
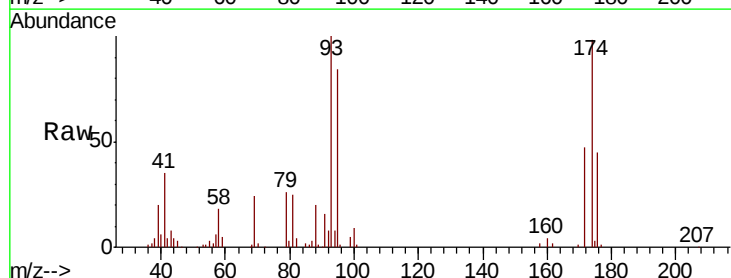
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

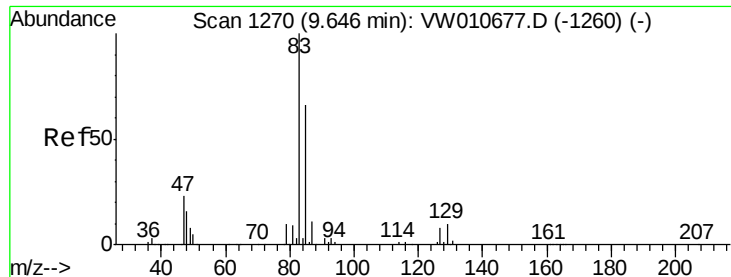
Tgt Ion: 63 Resp: 69546
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.8 35.6



#46
 Dibromomethane
 Concen: 19.035 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion: 93 Resp: 30305
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 96.3 77.4 116.0





#47

Bromodichloromethane

Concen: 20.252 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

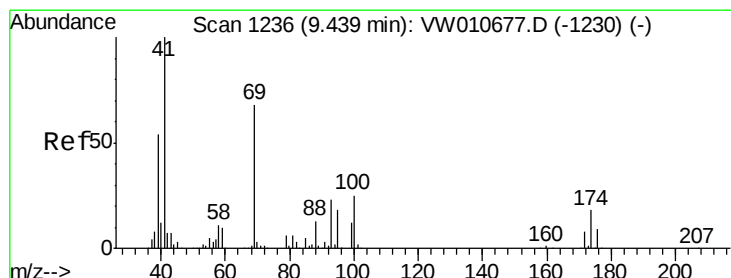
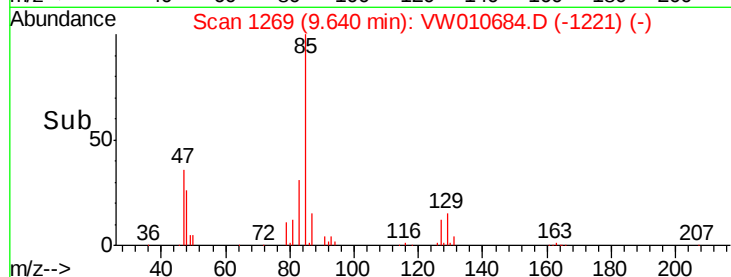
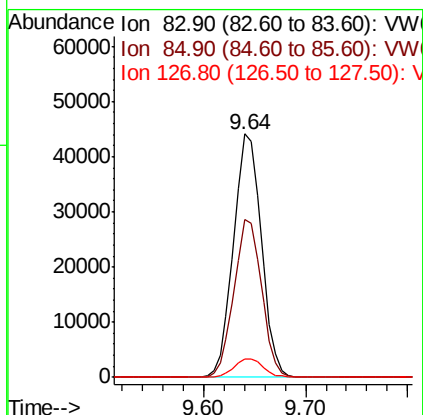
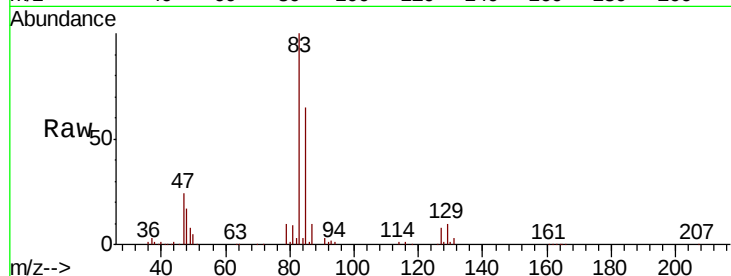
Tgt Ion: 83 Resp: 83579

Ion Ratio Lower Upper

83 100

85 64.9 53.0 79.4

127 7.6 6.4 9.6



#48

Methyl methacrylate

Concen: 17.301 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

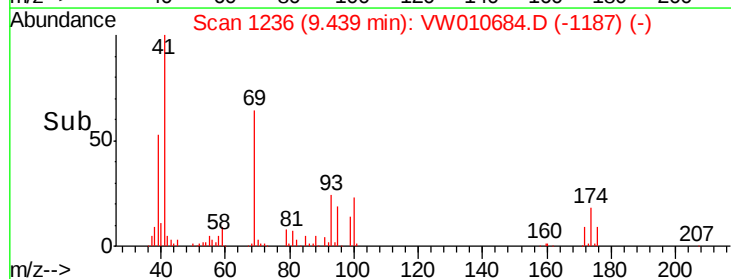
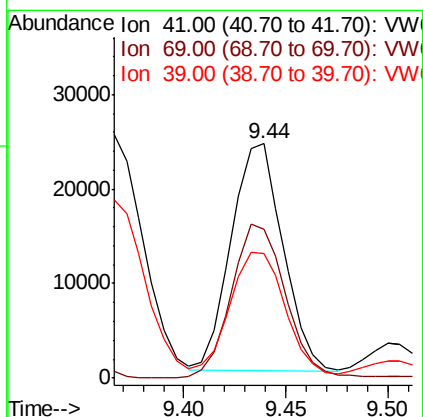
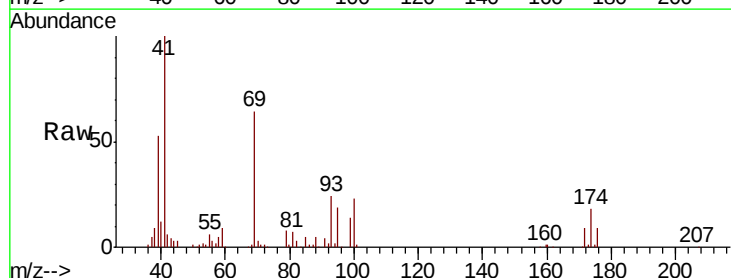
Tgt Ion: 41 Resp: 42387

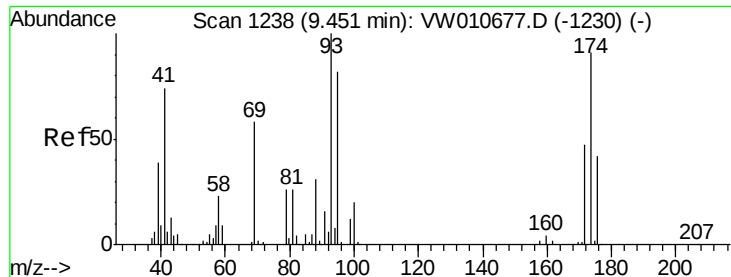
Ion Ratio Lower Upper

41 100

69 71.7 56.6 85.0

39 55.7 44.4 66.6

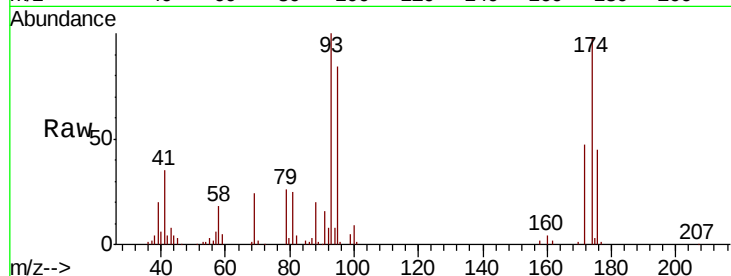




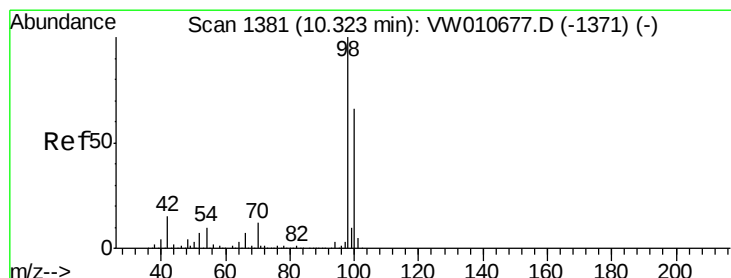
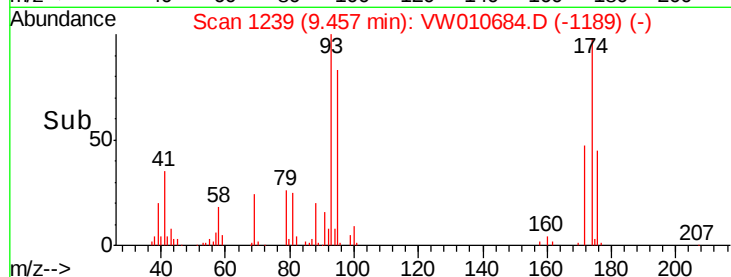
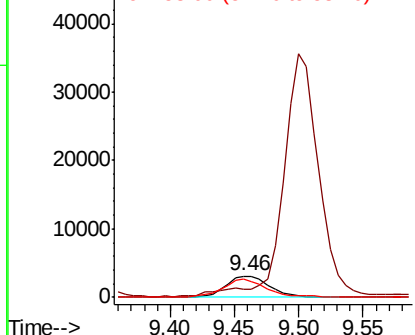
#49
1,4-Dioxane
Concen: 294.443 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

Tgt Ion: 88 Resp: 7329
Ion Ratio Lower Upper
88 100
43 0.0 34.2 51.4#
58 87.2 69.0 103.4

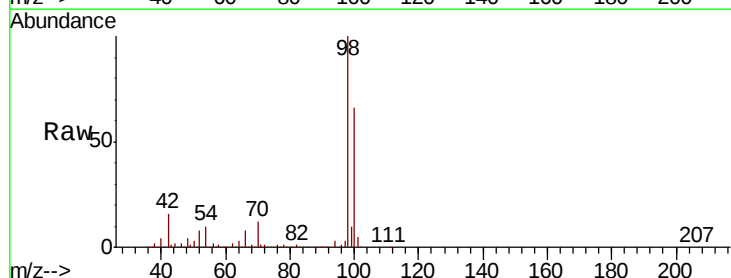


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

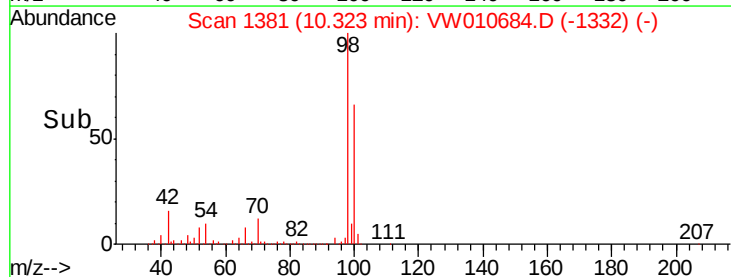
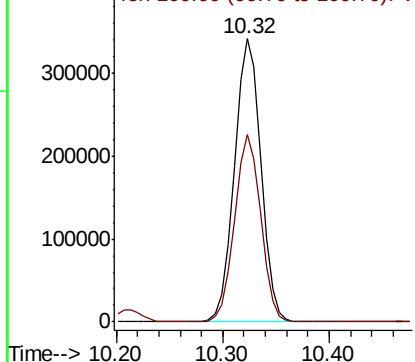


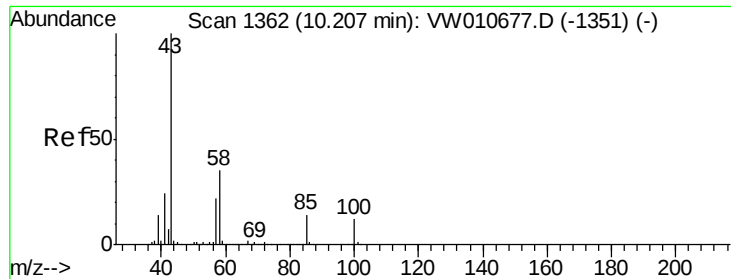
#50
Toluene-d8
Concen: 54.051 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 98 Resp: 596544
Ion Ratio Lower Upper
98 100
100 65.5 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: 83.664 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampled :

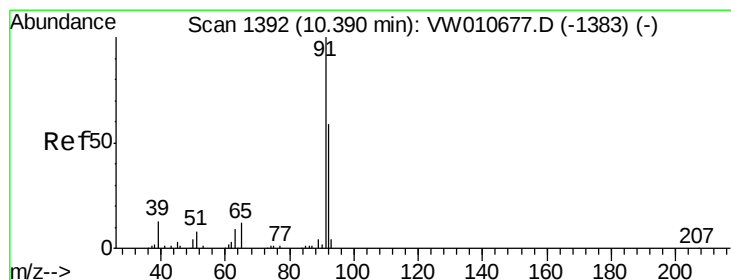
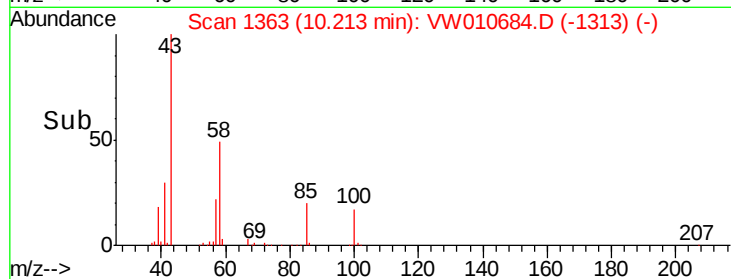
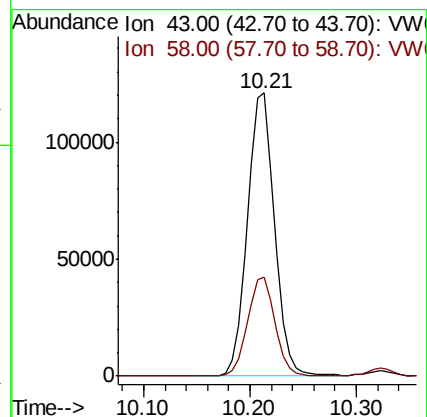
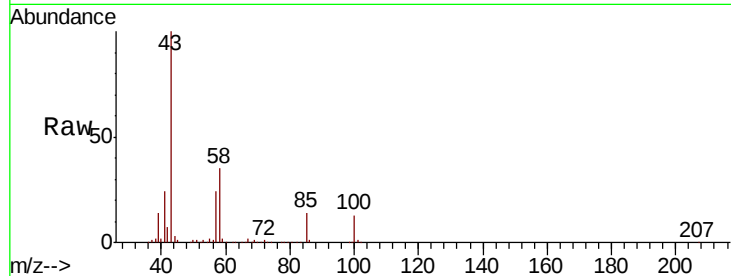
VW0605SBS01

Tgt Ion: 43 Resp: 217187

Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



#52

Toluene

Concen: 20.591 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010684.D

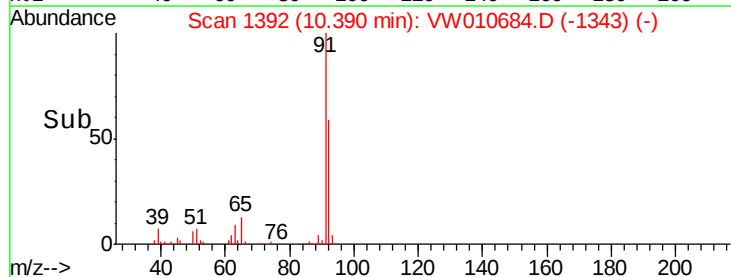
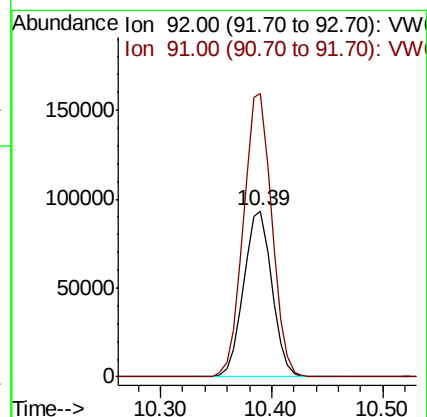
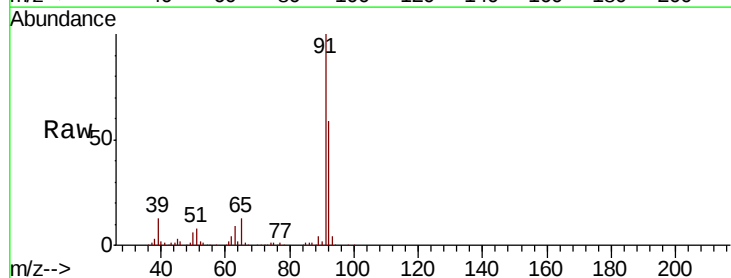
Acq: 05 Jun 2019 11:31

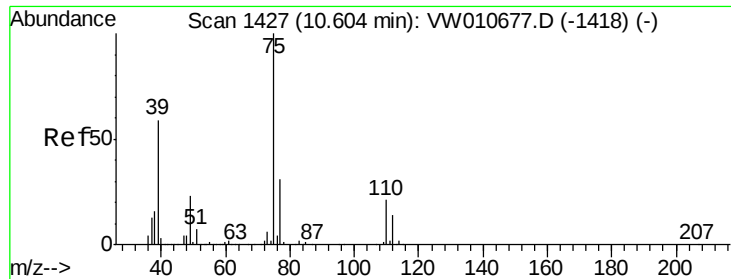
Tgt Ion: 92 Resp: 164051

Ion Ratio Lower Upper

92 100

91 172.2 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 19.636 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampled :

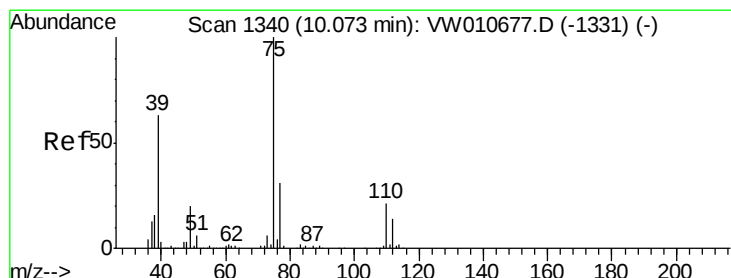
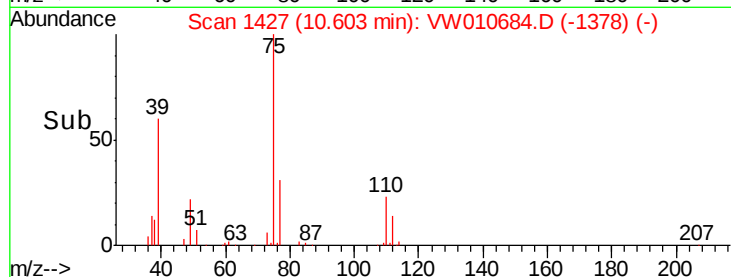
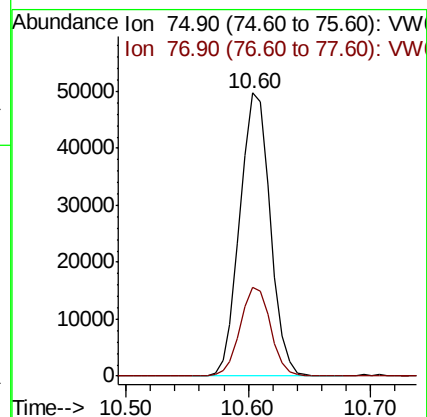
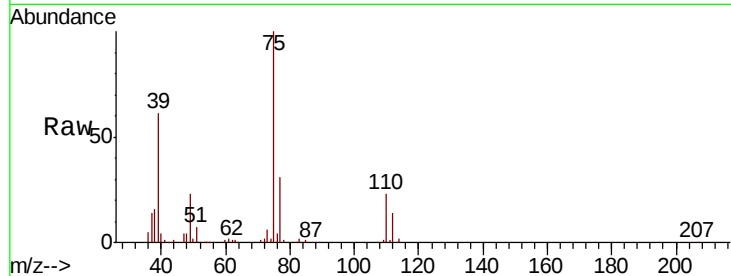
VW0605SBS01

Tgt Ion: 75 Resp: 85834

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.129 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

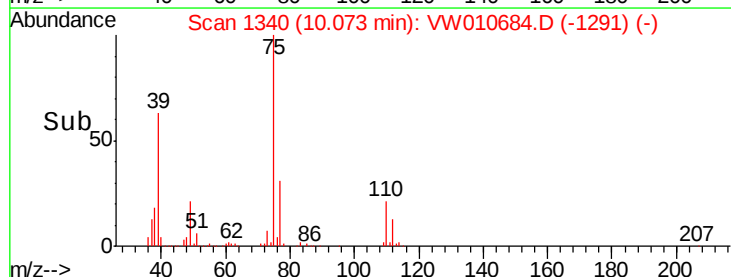
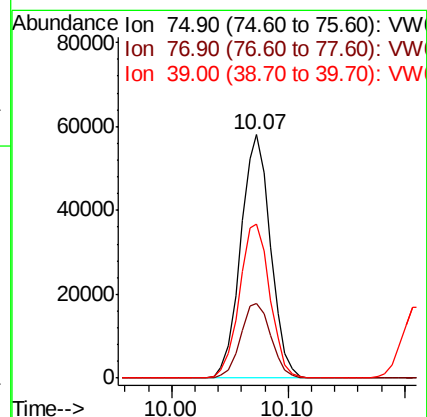
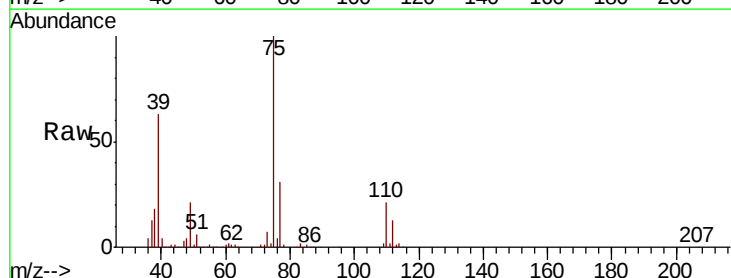
Tgt Ion: 75 Resp: 103537

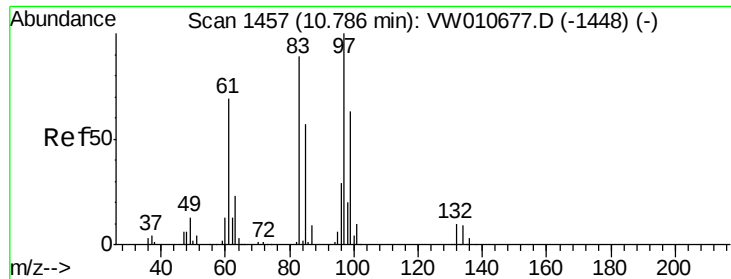
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 62.9 50.1 75.1

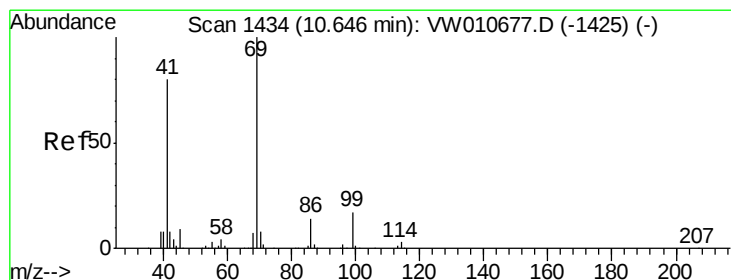
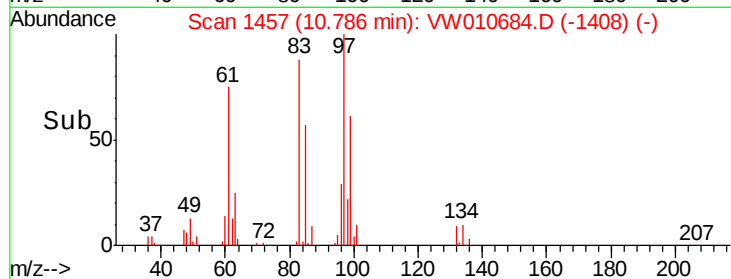
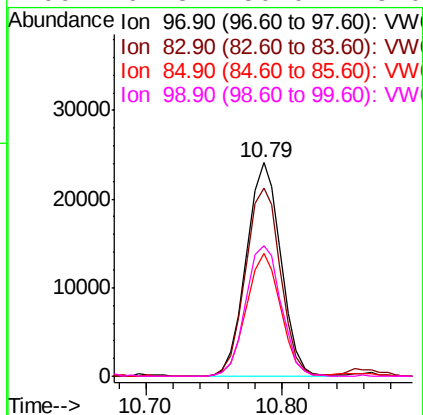
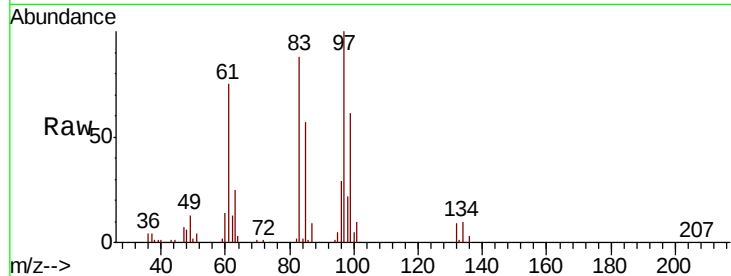




#55
 1,1,2-Trichloroethane
 Concen: 18.709 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

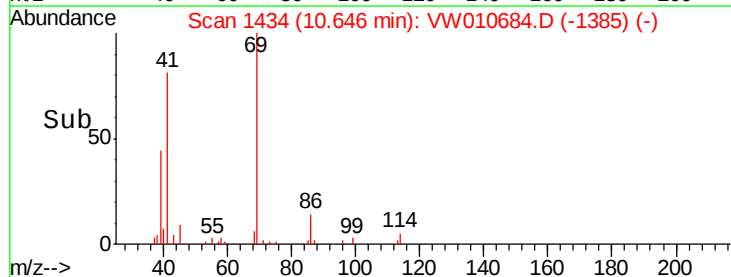
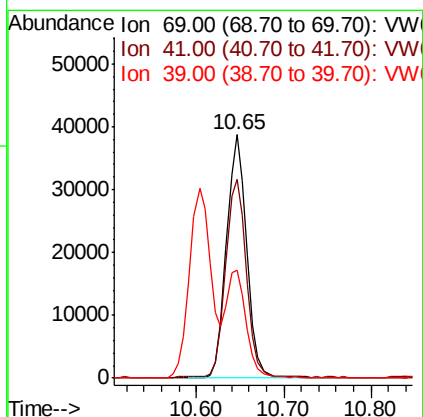
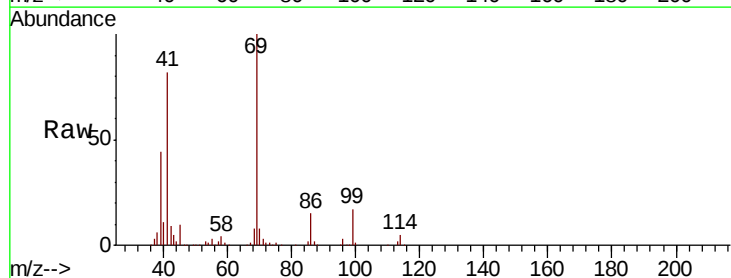
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

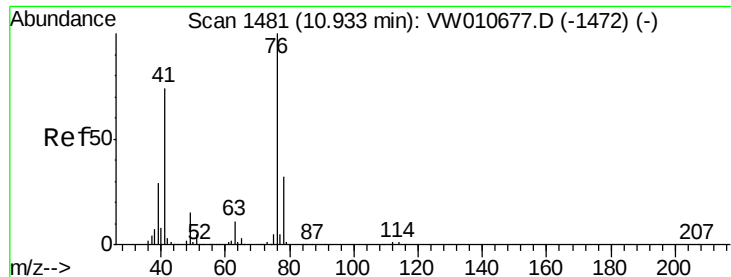
Tgt Ion: 97 Resp: 42909
 Ion Ratio Lower Upper
 97 100
 83 88.0 71.1 106.7
 85 57.5 45.2 67.8
 99 61.3 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 17.685 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion: 69 Resp: 62411
 Ion Ratio Lower Upper
 69 100
 41 83.3 64.8 97.2
 39 42.4 32.2 48.2

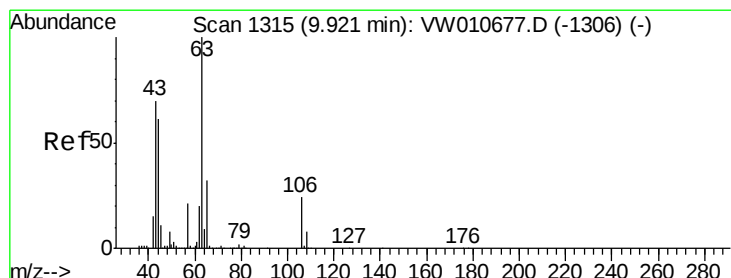
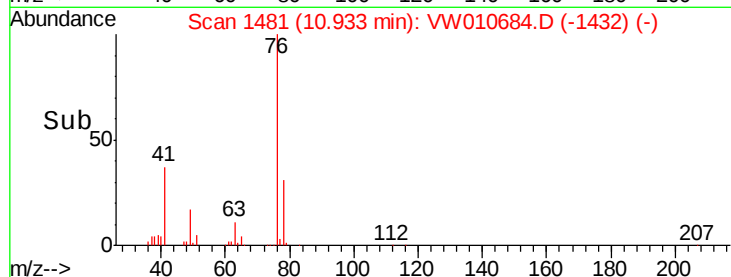
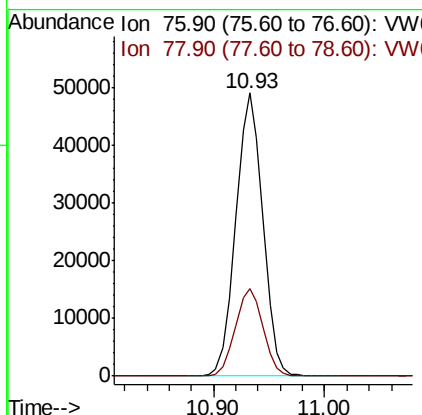
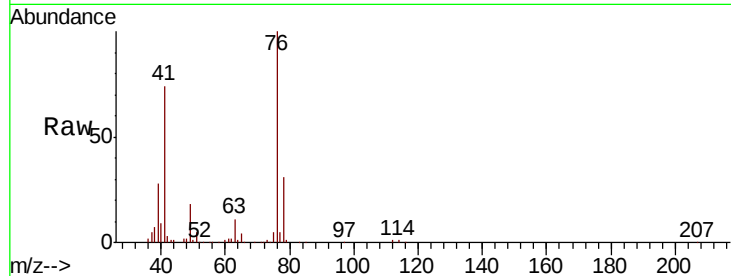




#57
 1,3-Dichloropropane
 Concen: 19.035 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

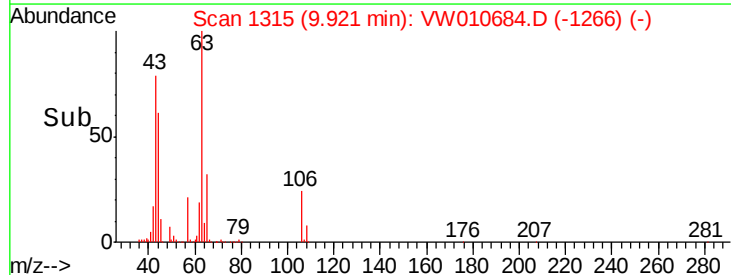
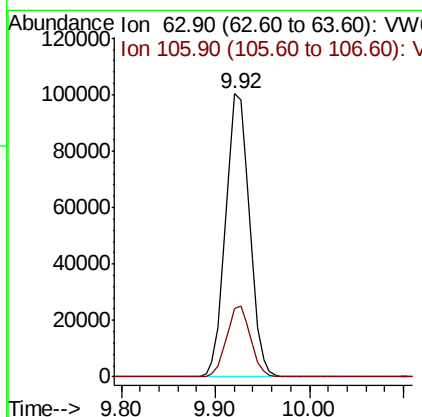
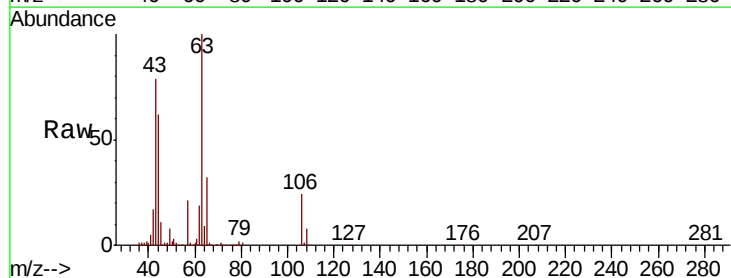
Instrument :
 MSVOA_W
 ClientSampled :
 VW0605SBS01

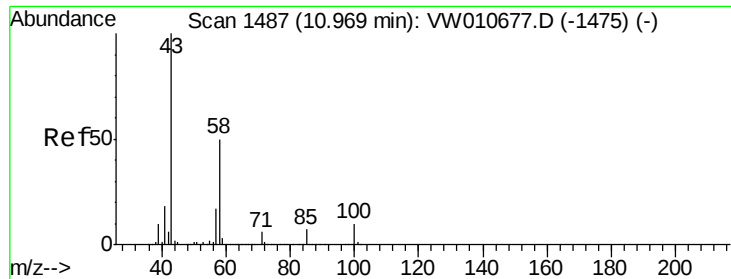
Tgt Ion: 76 Resp: 82274
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.931 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion: 63 Resp: 177325
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.1 30.1

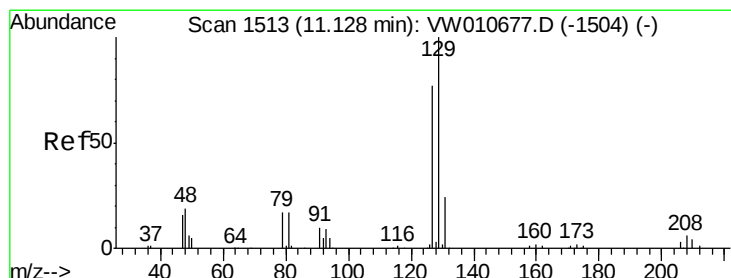
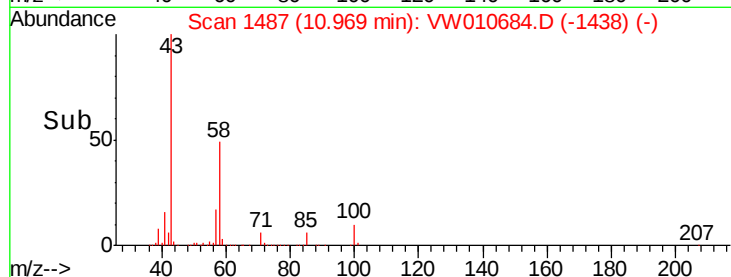
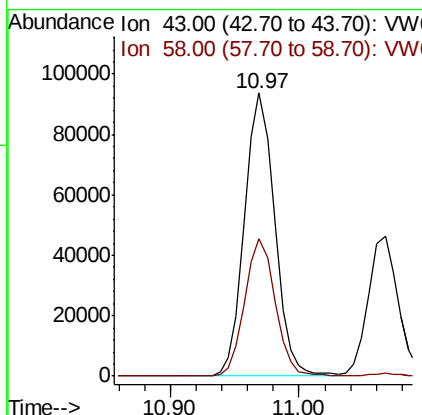
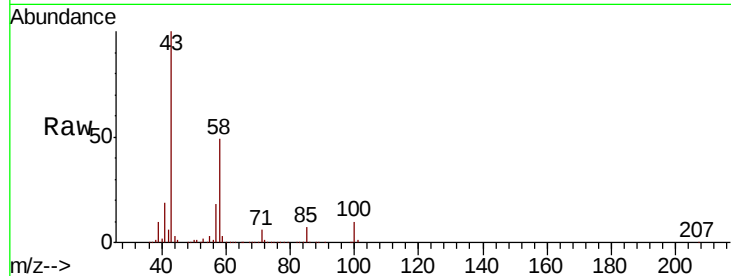




#59
2-Hexanone
Concen: 80.918 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

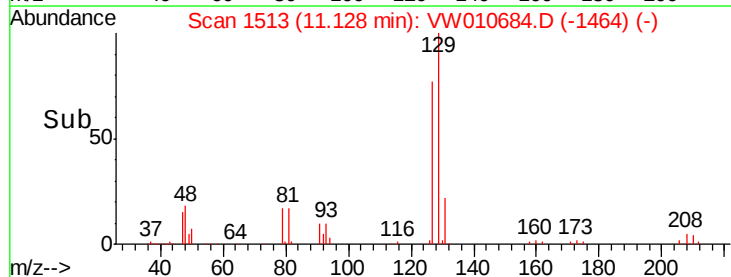
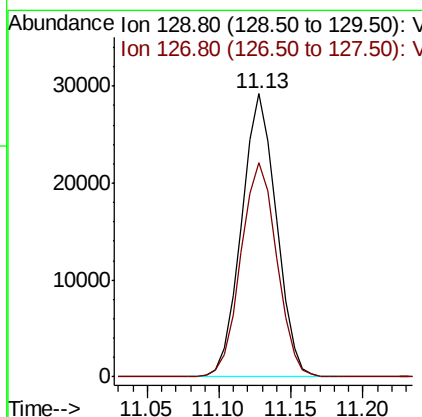
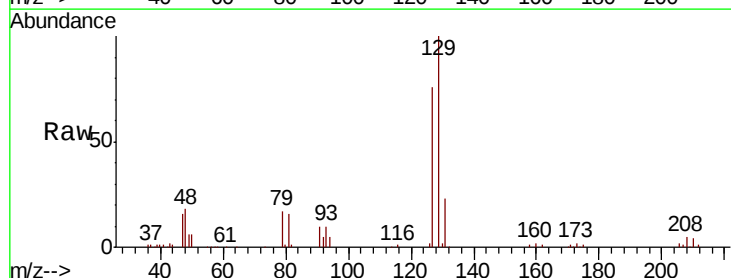
Instrument :
MSVOA_W
ClientSampled :
VW0605SBS01

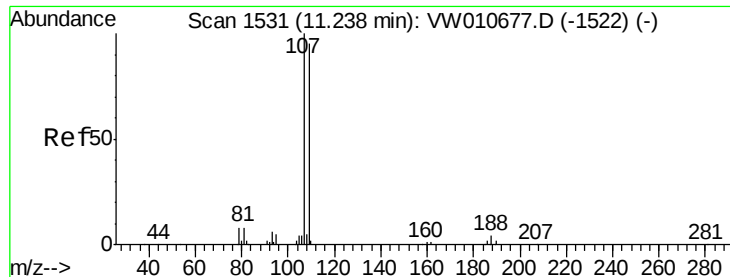
Tgt Ion: 43 Resp: 151814
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6



#60
Dibromochloromethane
Concen: 19.272 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 129 Resp: 48997
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.293 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

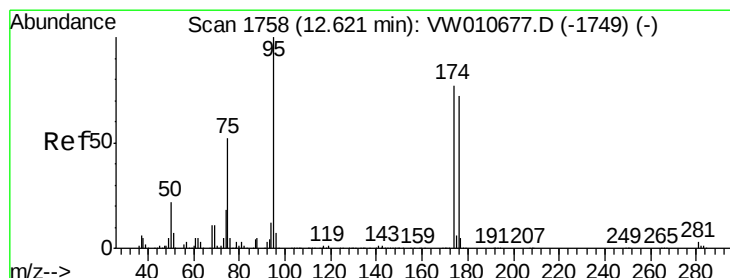
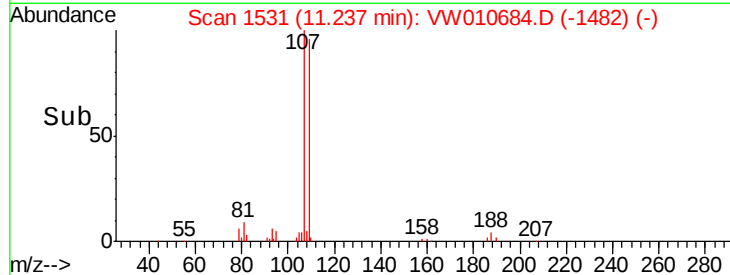
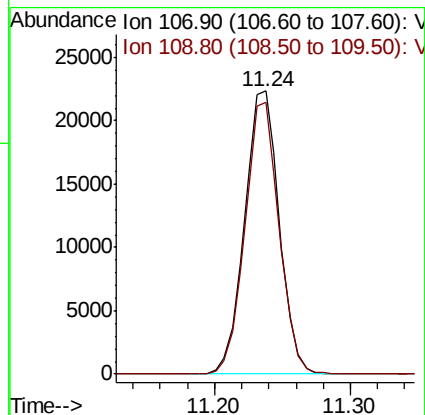
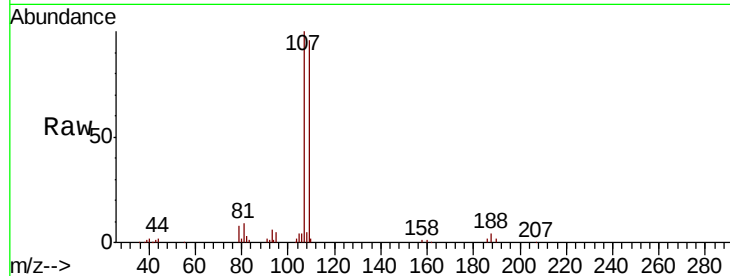
VW0605SBS01

Tgt Ion: 107 Resp: 39752

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 52.081 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

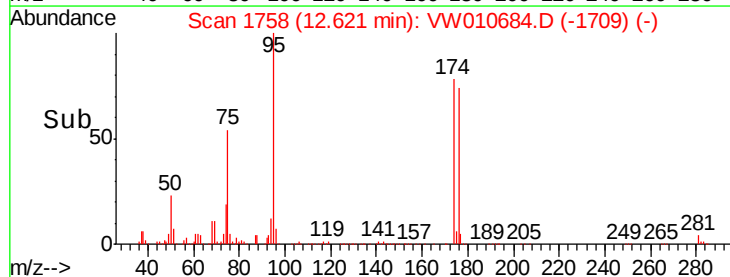
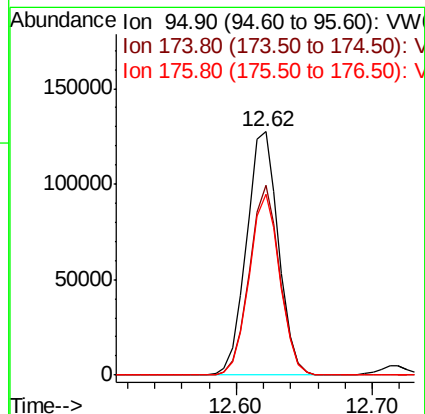
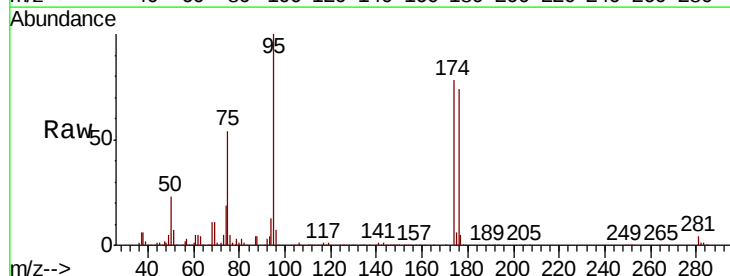
Tgt Ion: 95 Resp: 209162

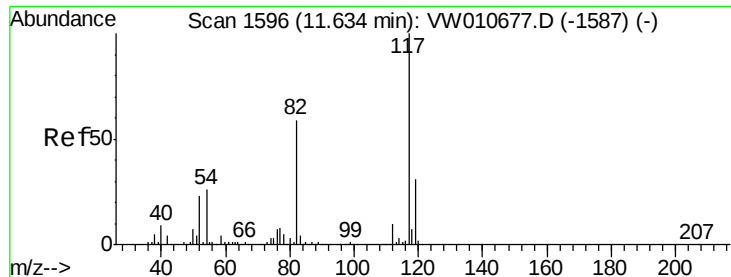
Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

176 71.8 0.0 144.8

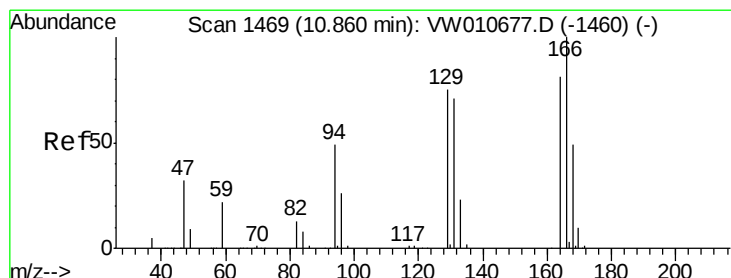
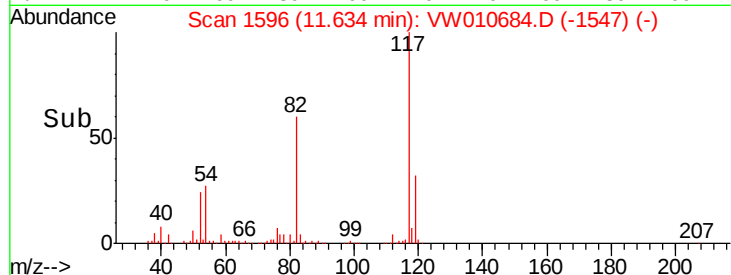
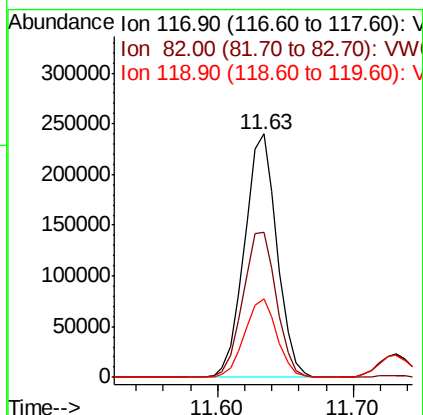
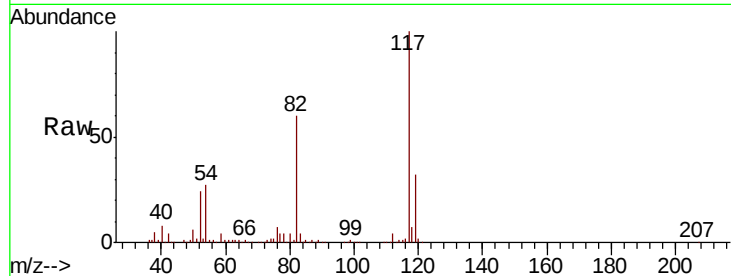




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

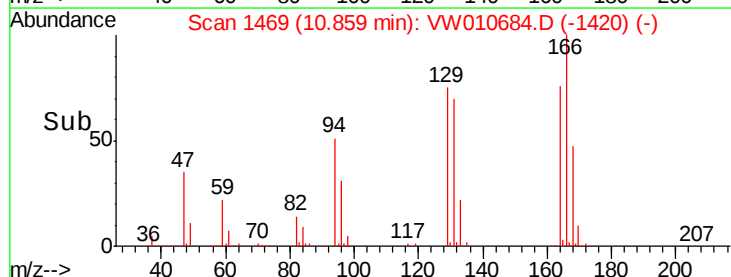
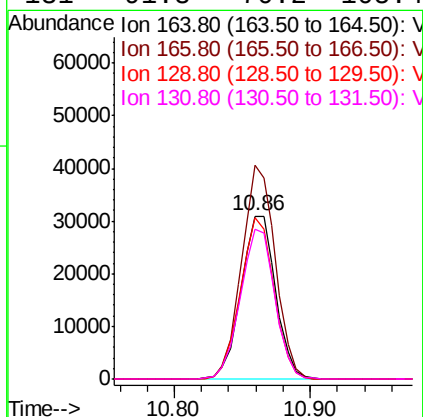
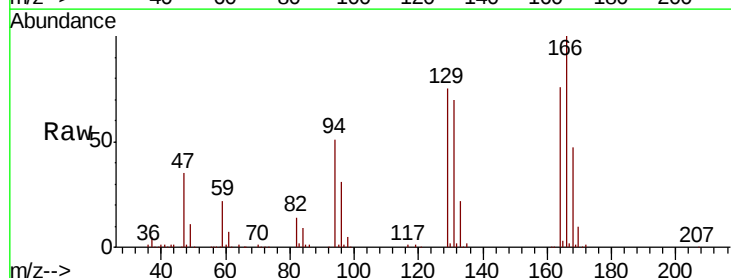
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

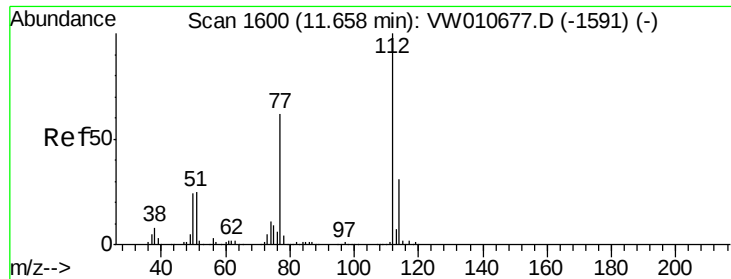
Tgt Ion:117 Resp: 400091
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.4
119 32.1 25.1 37.7



#64
Tetrachloroethene
Concen: 20.639 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion:164 Resp: 54826
Ion Ratio Lower Upper
164 100
166 131.2 99.2 148.8
129 98.7 74.6 112.0
131 91.8 70.2 105.4

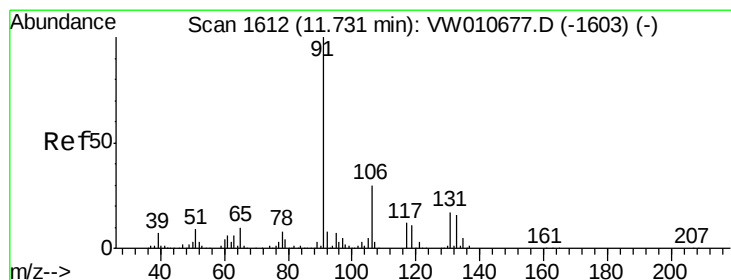
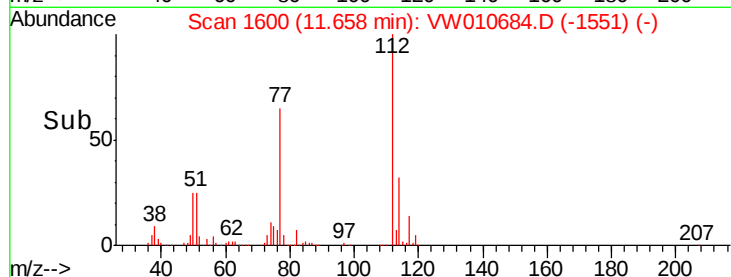
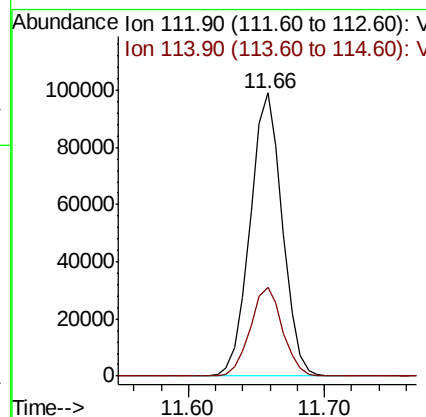
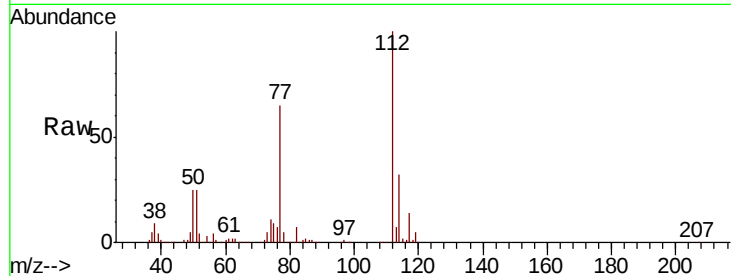




#65
Chlorobenzene
Concen: 20.861 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

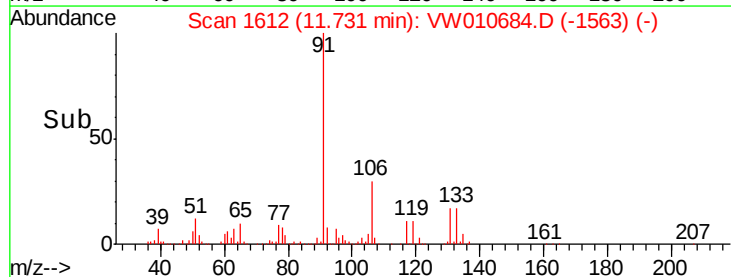
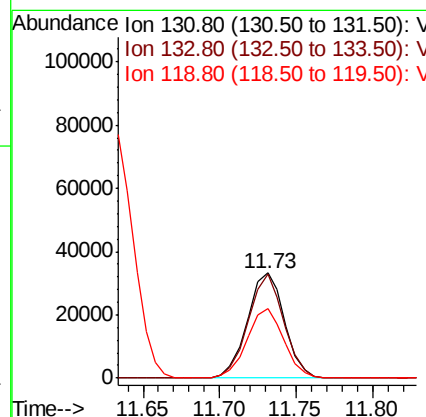
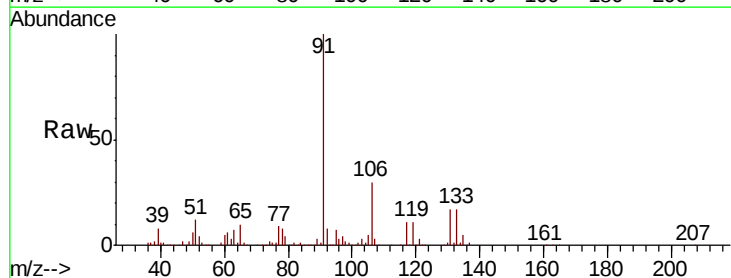
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

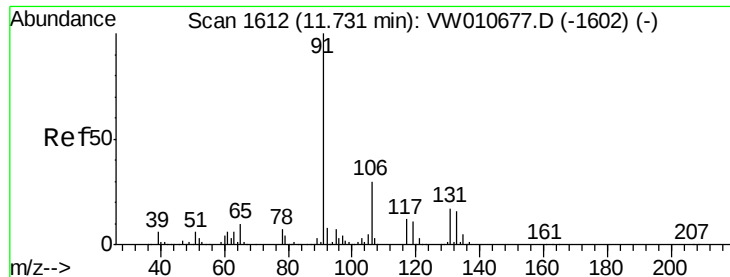
Tgt Ion:112 Resp: 164132
Ion Ratio Lower Upper
112 100
114 31.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.546 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion:131 Resp: 55959
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 65.7 32.4 97.0

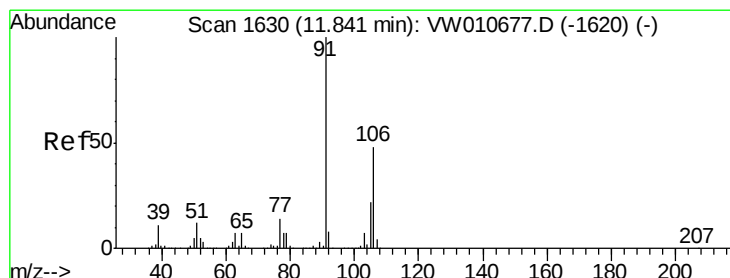
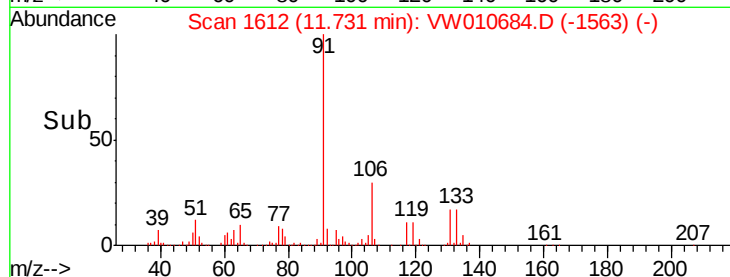
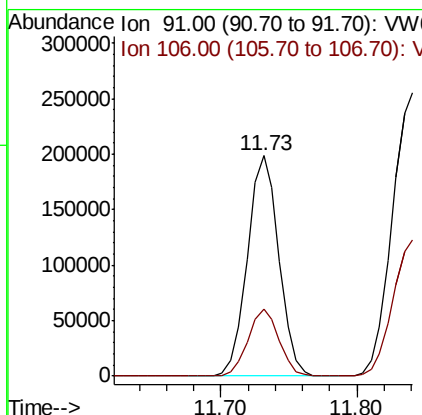
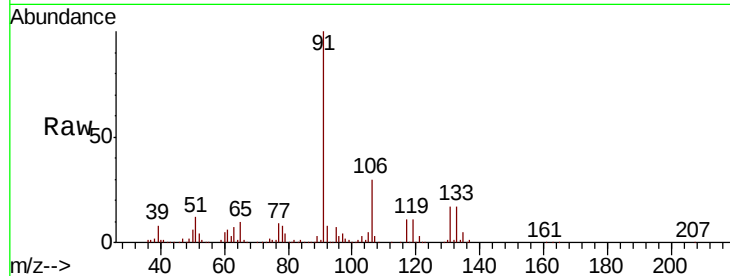




#67
Ethyl Benzene
Concen: 21.202 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

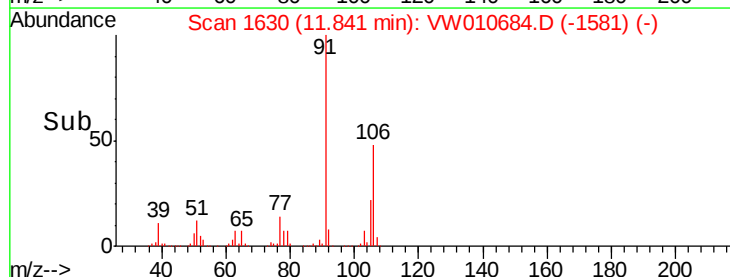
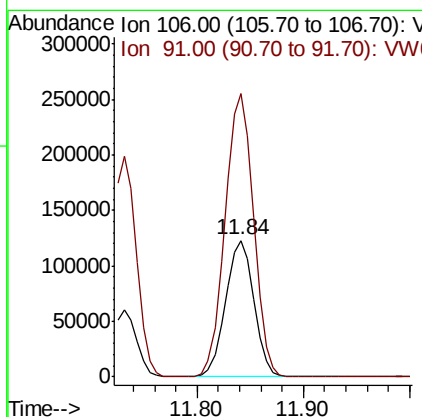
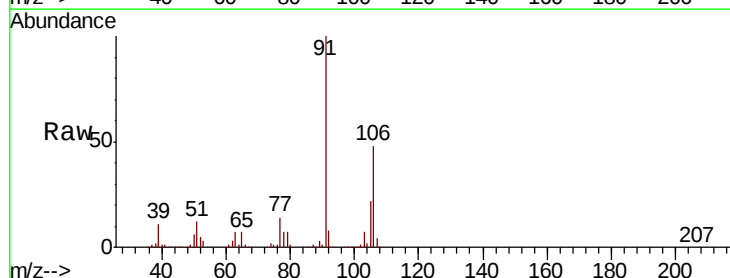
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

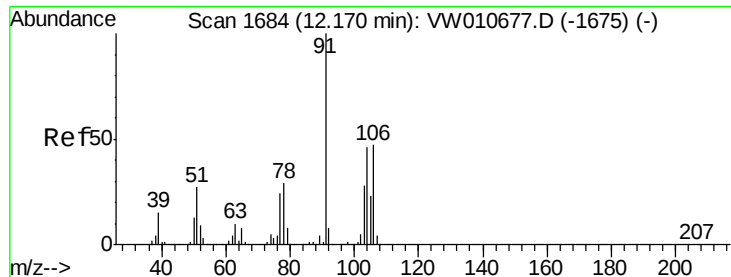
Tgt Ion: 91 Resp: 320595
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4



#68
m/p-Xylenes
Concen: 42.127 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 106 Resp: 228024
Ion Ratio Lower Upper
106 100
91 209.5 166.5 249.7

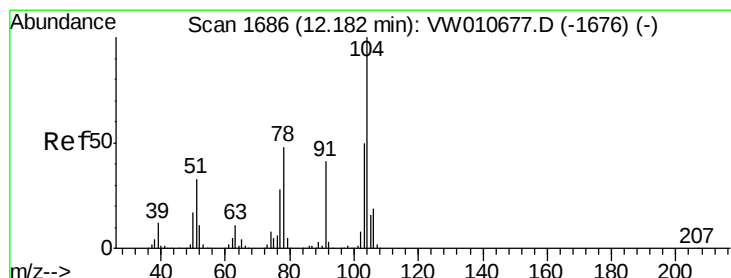
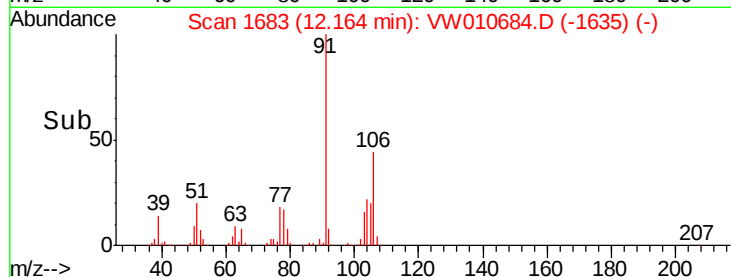
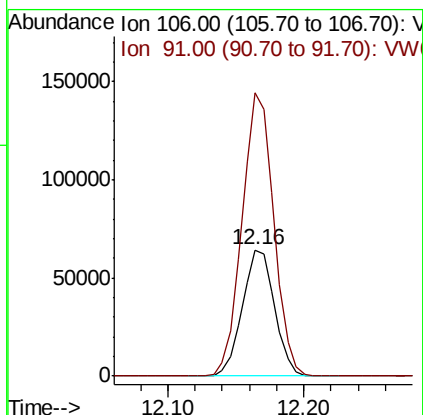
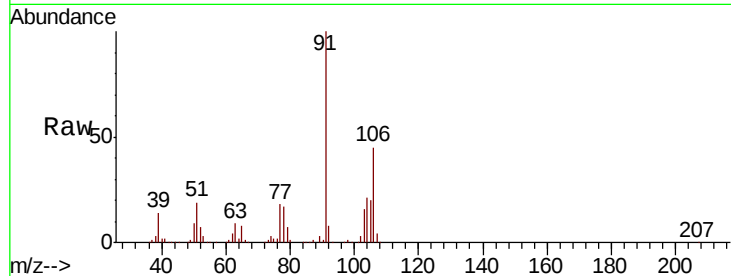




#69
o-Xylene
Concen: 20.698 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

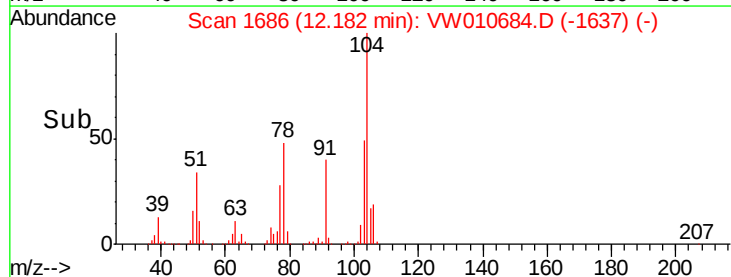
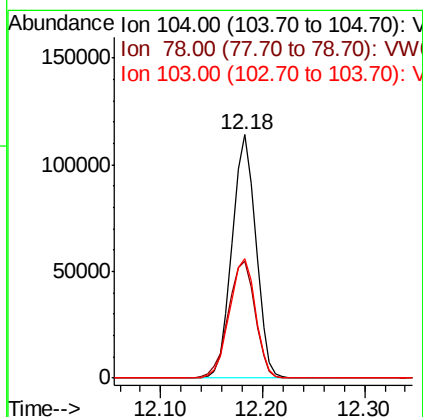
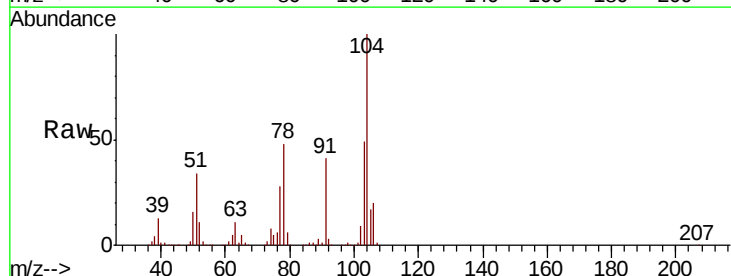
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

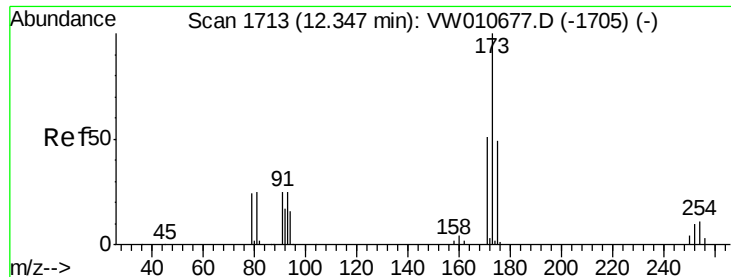
Tgt Ion:106 Resp: 106254
Ion Ratio Lower Upper
106 100
91 221.9 108.9 326.6



#70
Styrene
Concen: 20.607 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion:104 Resp: 183771
Ion Ratio Lower Upper
104 100
78 54.2 42.7 64.1
103 53.9 43.6 65.4





#71

Bromoform

Concen: 18.608 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

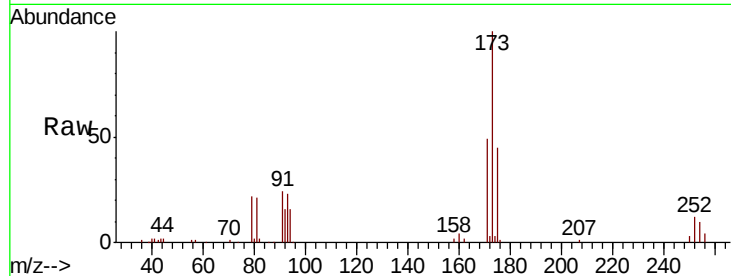
Tgt Ion:173 Resp: 26210

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

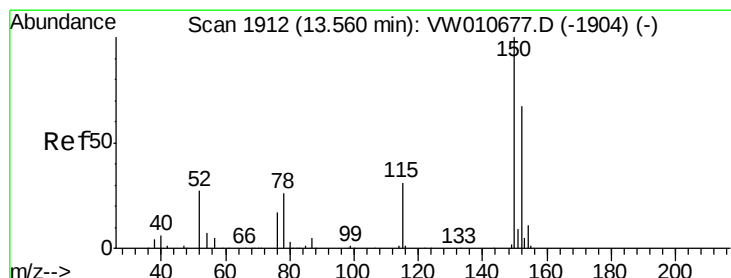
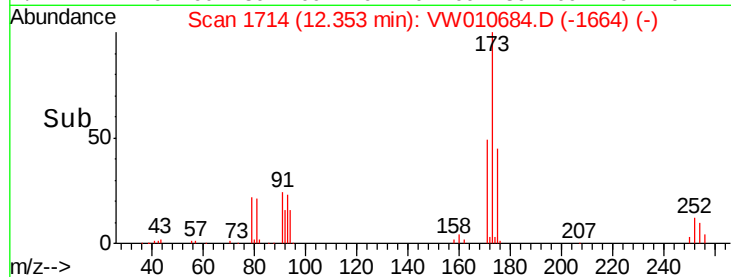
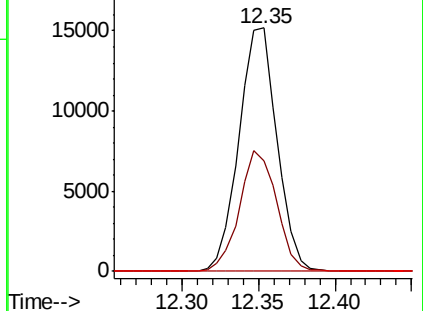
254 0.0 0.1 0.1#



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: VW010684.D

Acq: 05 Jun 2019 11:31

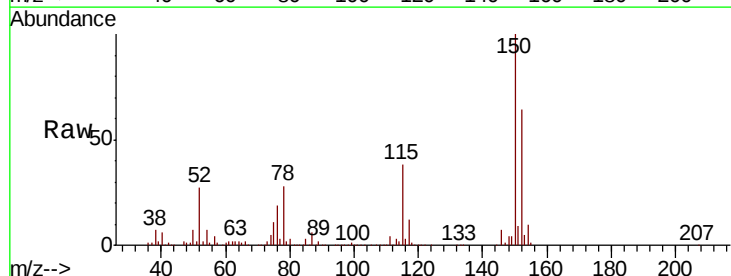
Tgt Ion:152 Resp: 186194

Ion Ratio Lower Upper

152 100

115 60.3 29.8 89.3

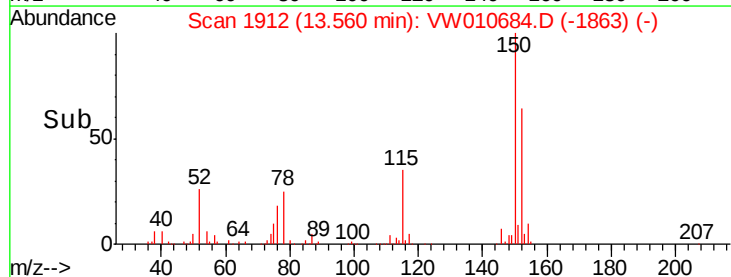
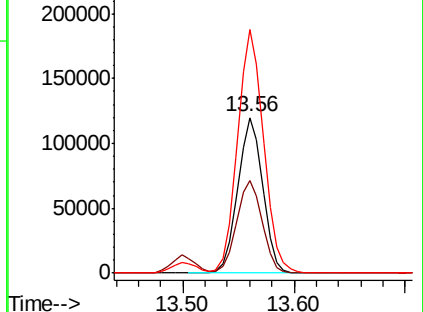
150 162.9 0.0 345.0

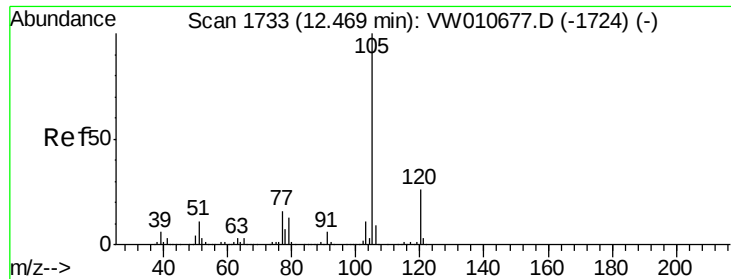


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.662 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

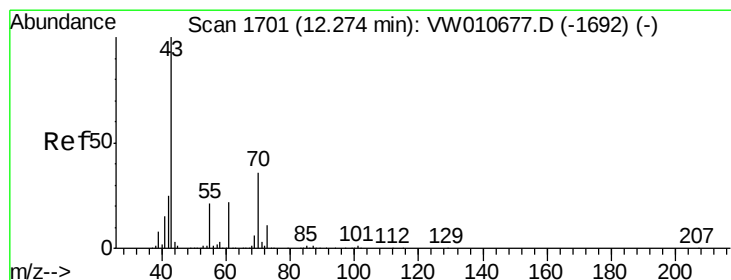
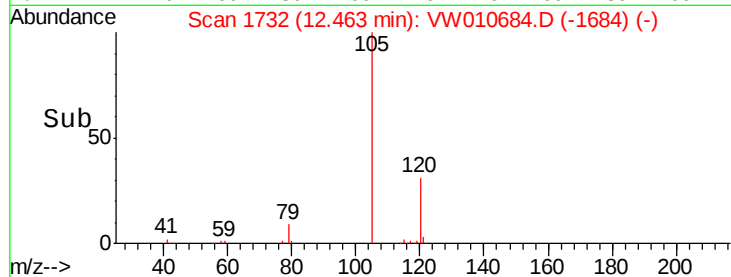
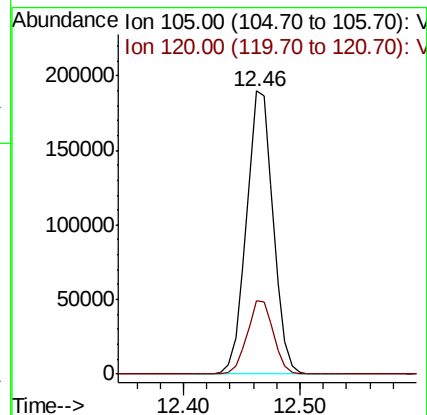
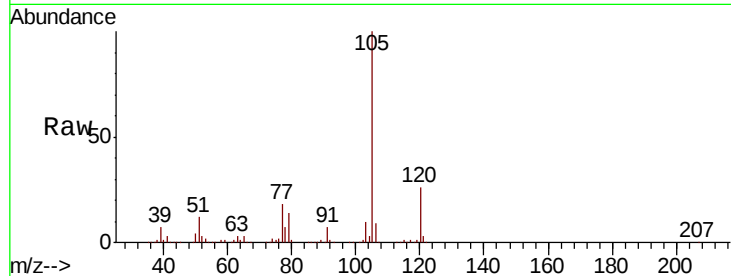
VW0605SBS01

Tgt Ion:105 Resp: 303087

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 17.613 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Tgt Ion: 43 Resp: 79646

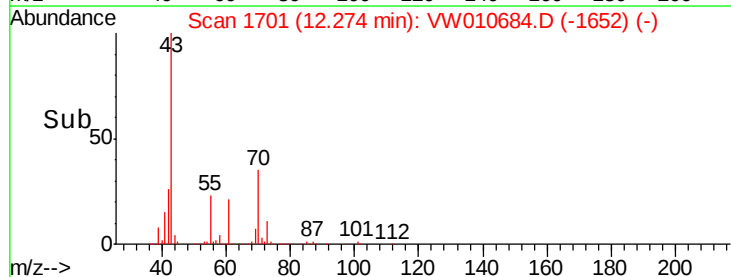
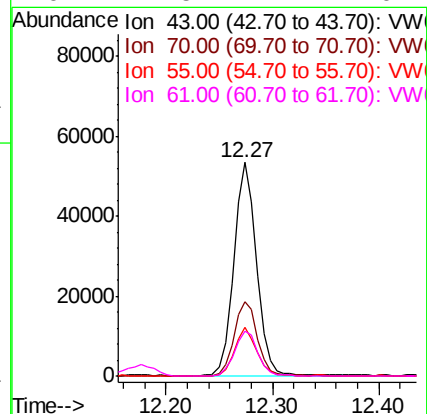
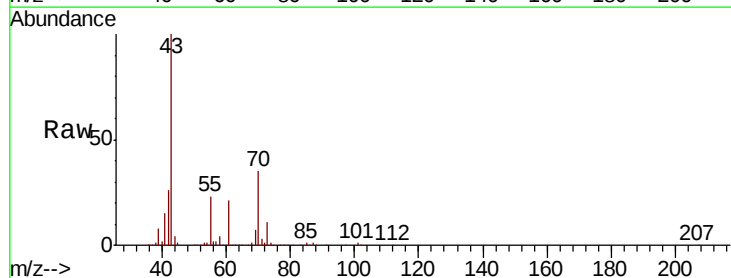
Ion Ratio Lower Upper

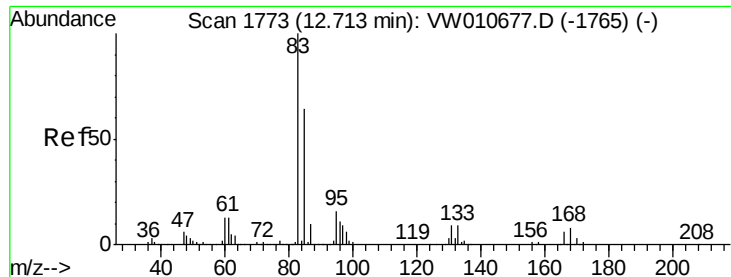
43 100

70 36.3 29.2 43.8

55 22.3 17.5 26.3

61 21.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.197 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

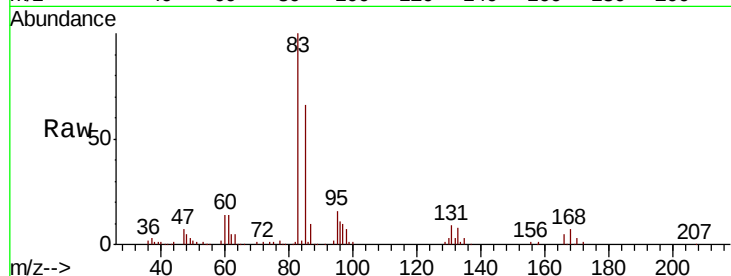
Tgt Ion: 83 Resp: 48471

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

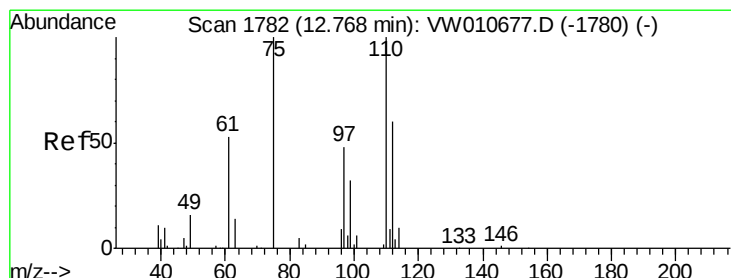
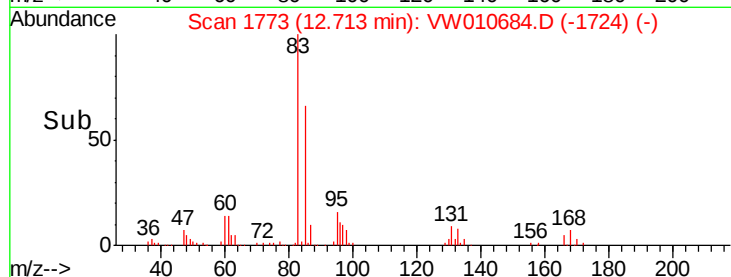
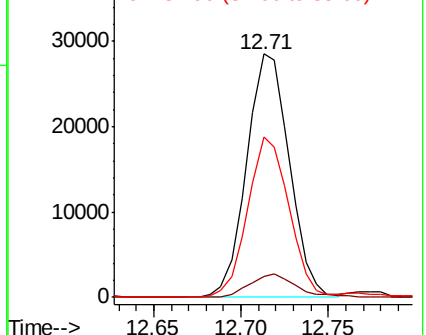
85 63.7 31.9 95.9



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: 33.813 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010684.D

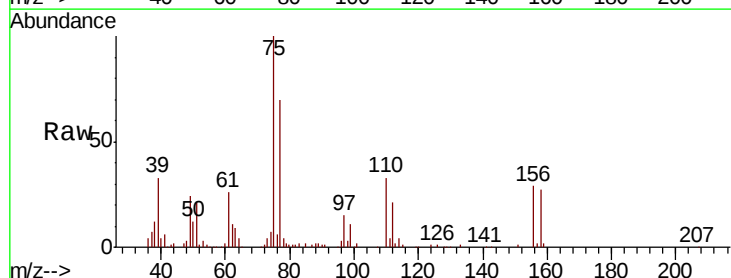
Acq: 05 Jun 2019 11:31

Tgt Ion: 75 Resp: 66114

Ion Ratio Lower Upper

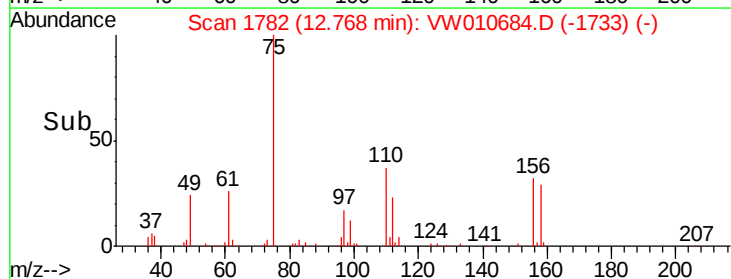
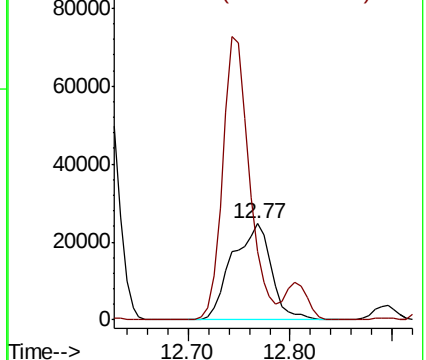
75 100

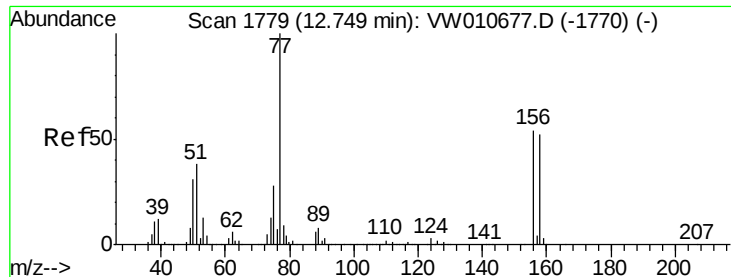
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

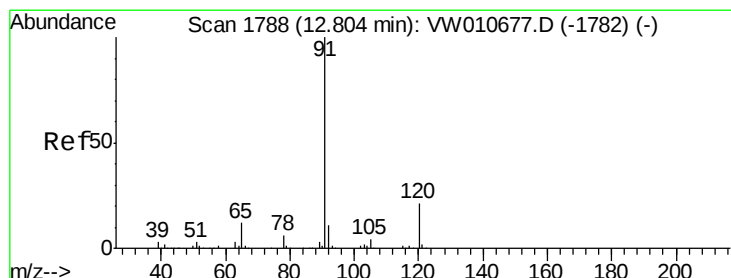
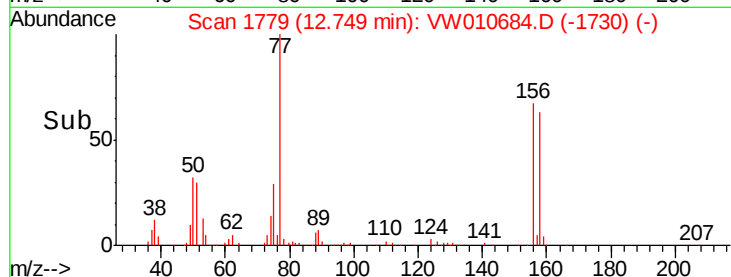
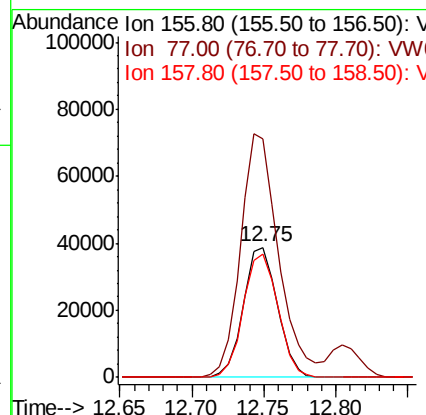
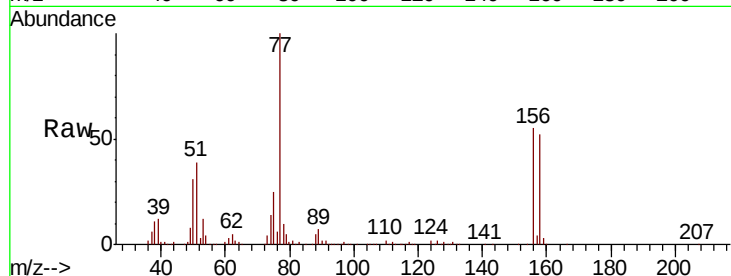




#77
Bromobenzene
Concen: 20.847 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

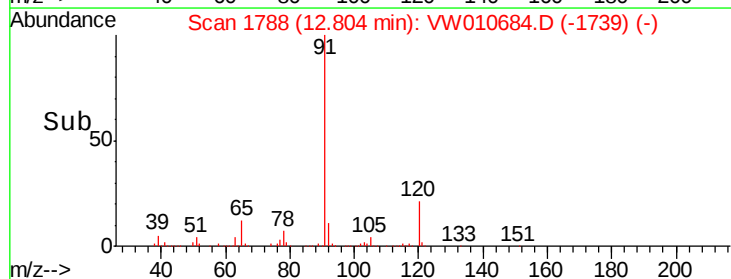
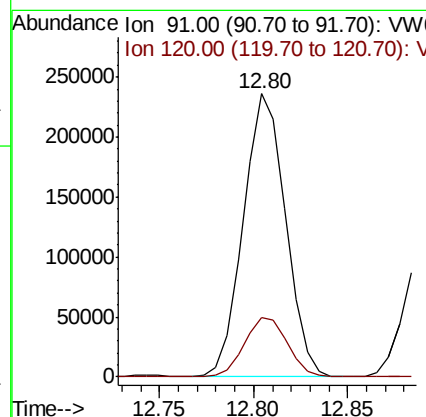
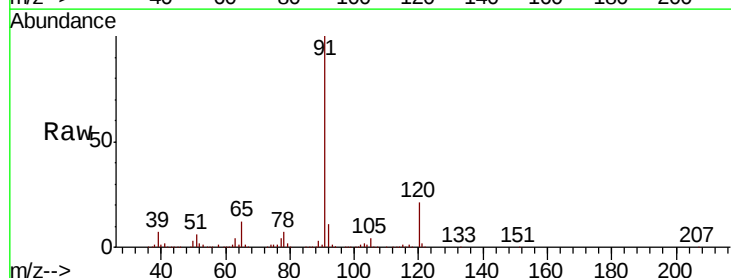
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

Tgt Ion:156 Resp: 63670
Ion Ratio Lower Upper
156 100
77 207.8 106.5 319.4
158 96.2 48.3 144.9



#78
n-propylbenzene
Concen: 21.679 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 91 Resp: 365755
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 21.428 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

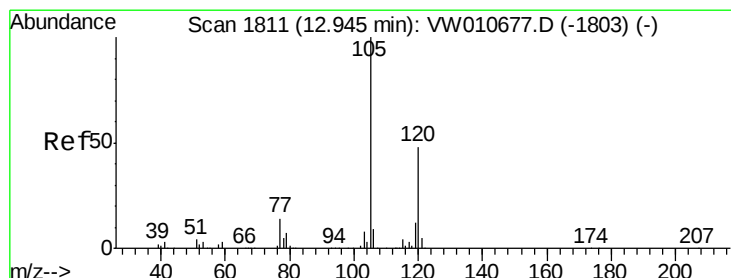
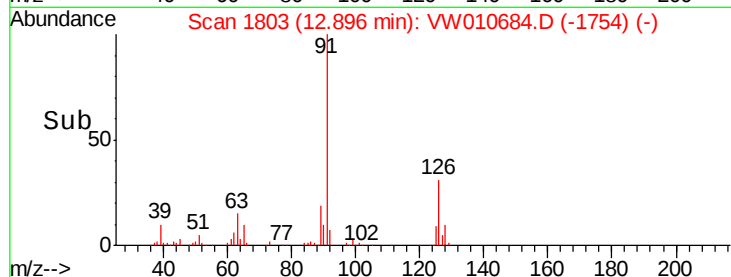
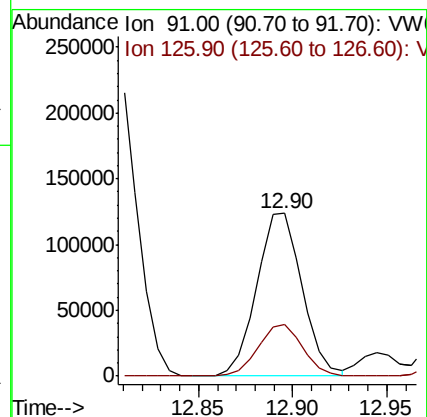
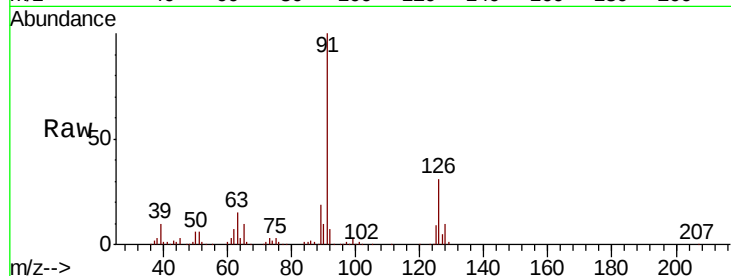
VW0605SBS01

Tgt Ion: 91 Resp: 206543

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 21.391 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010684.D

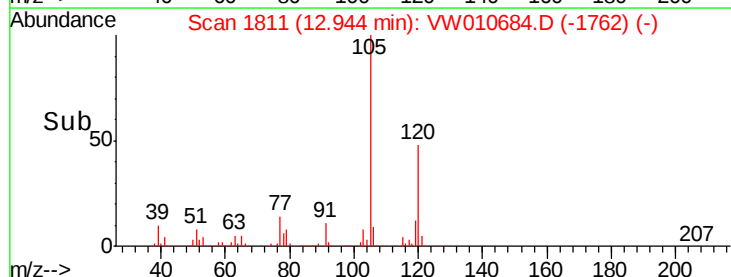
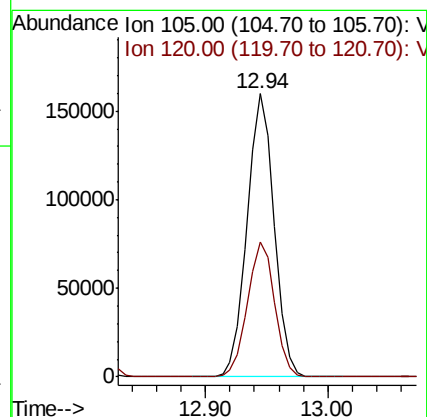
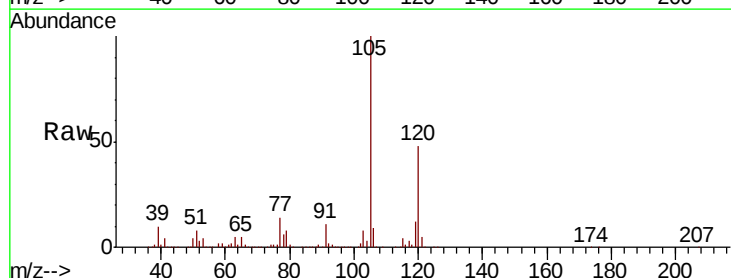
Acq: 05 Jun 2019 11:31

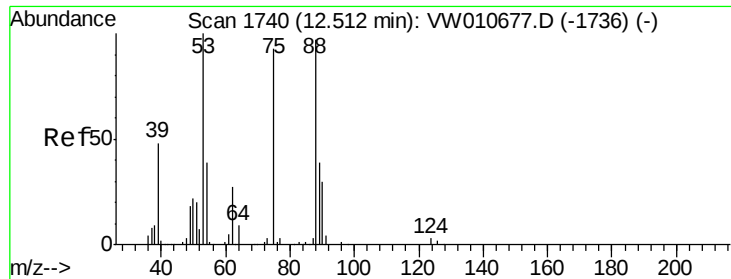
Tgt Ion: 105 Resp: 244978

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

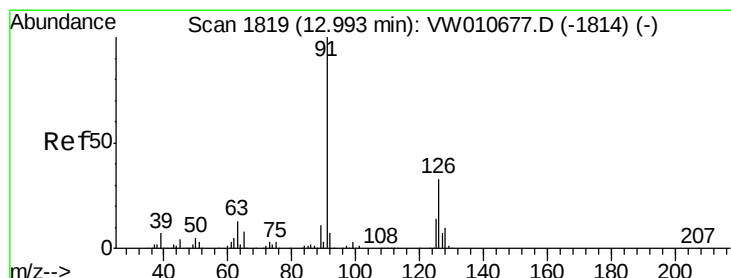
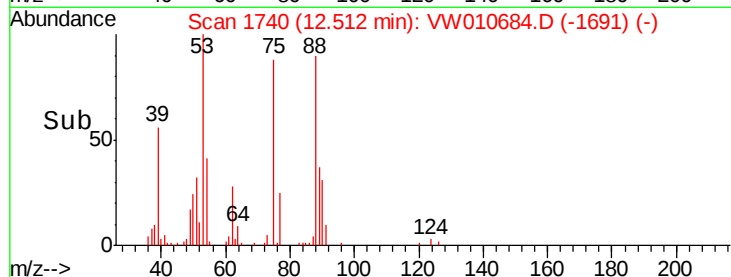
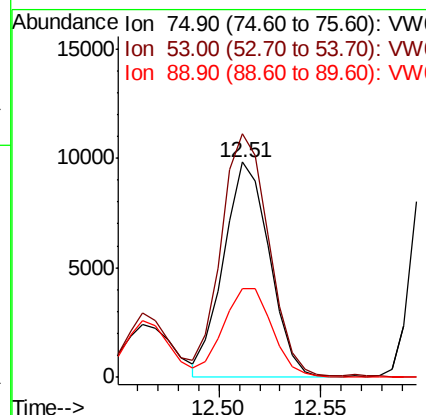
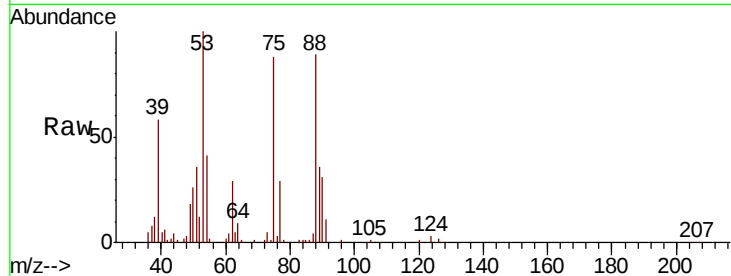




#81
trans-1,4-Dichloro-2-butene
Concen: 18.057 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

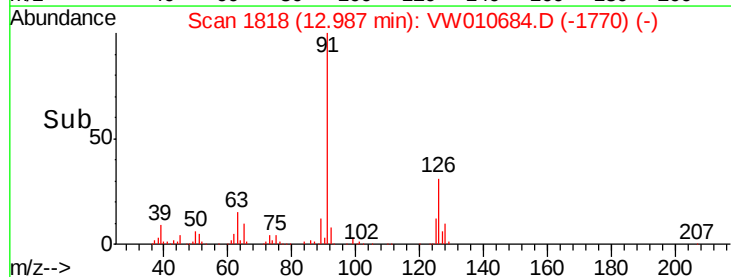
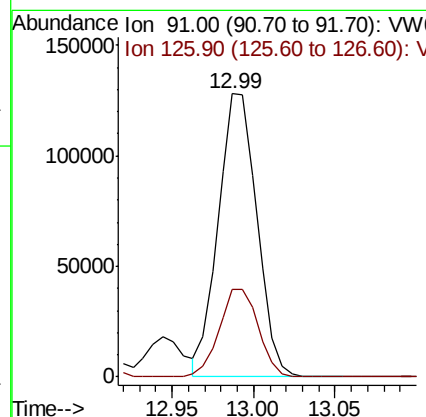
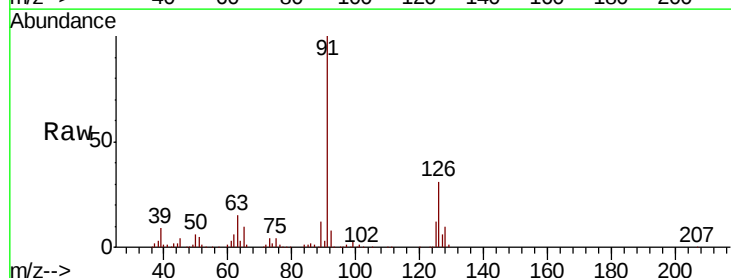
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

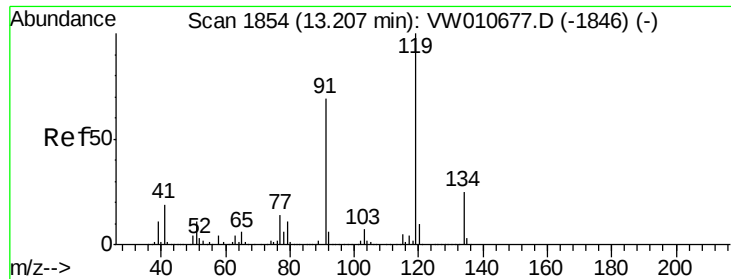
Tgt Ion: 75 Resp: 15362
Ion Ratio Lower Upper
75 100
53 115.9 90.1 135.1
89 44.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 21.264 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion: 91 Resp: 211515
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7

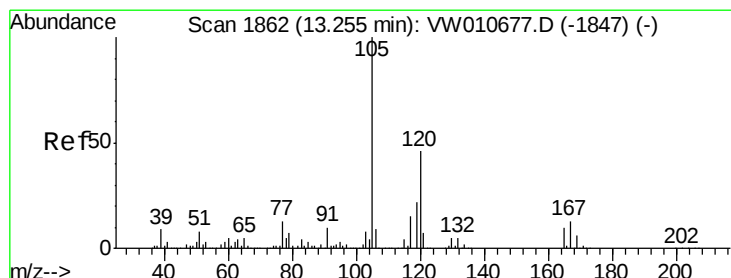
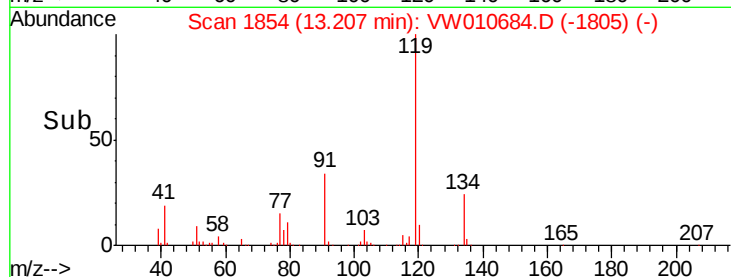
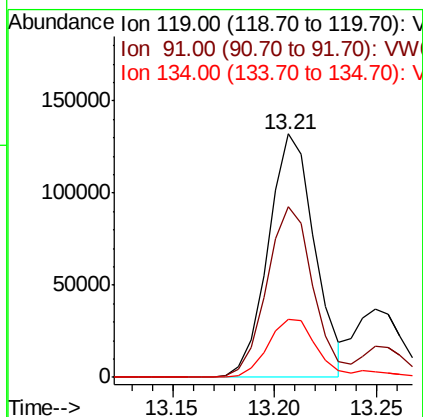
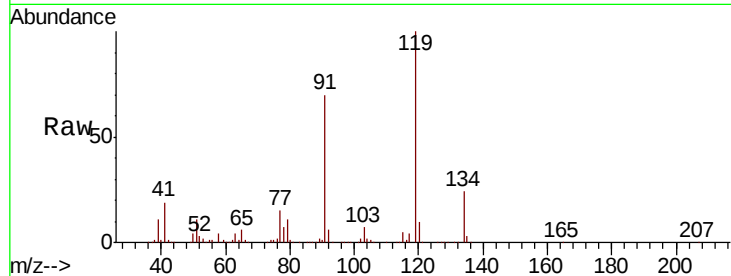




#83
 tert-Butylbenzene
 Concen: 21.543 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

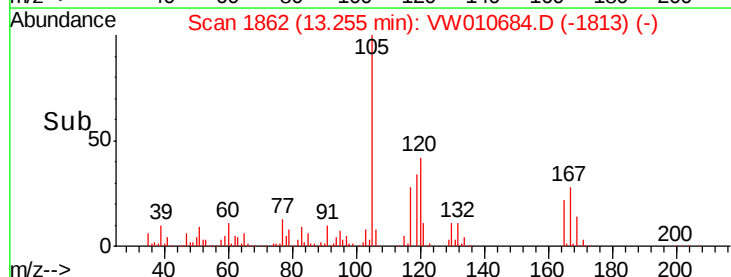
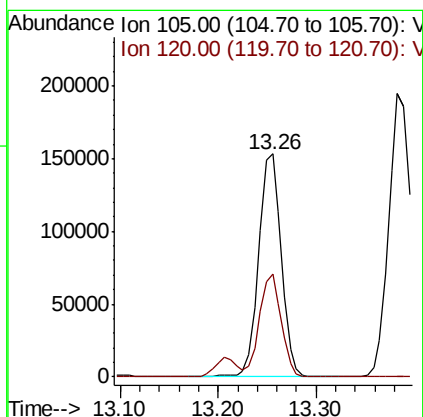
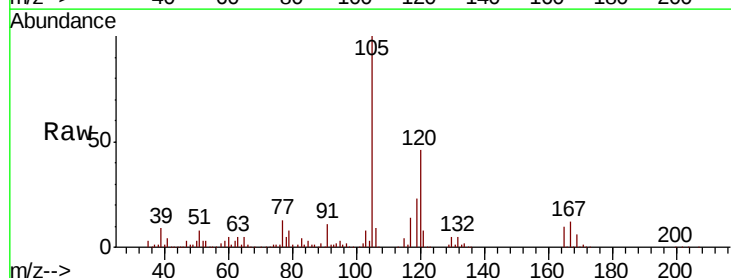
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

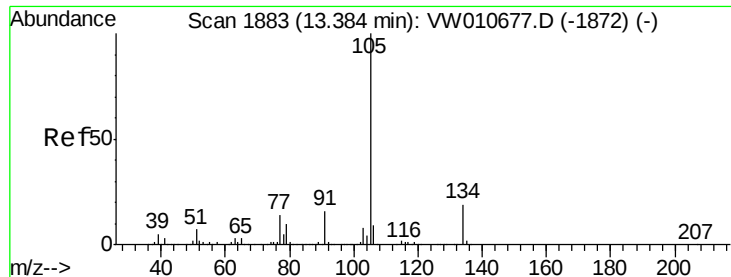
Tgt Ion:119 Resp: 209386
 Ion Ratio Lower Upper
 119 100
 91 70.8 35.1 105.3
 134 26.9 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.272 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion:105 Resp: 245145
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.5 67.5

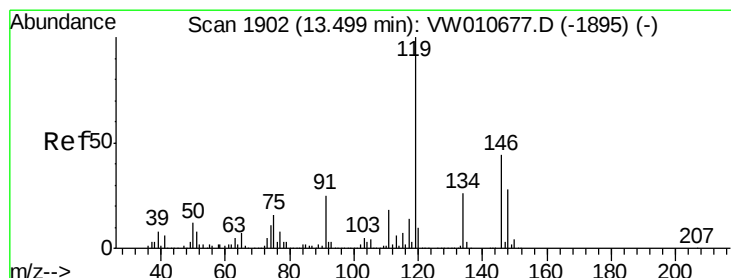
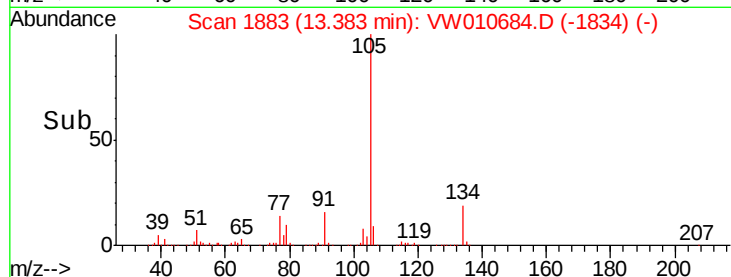
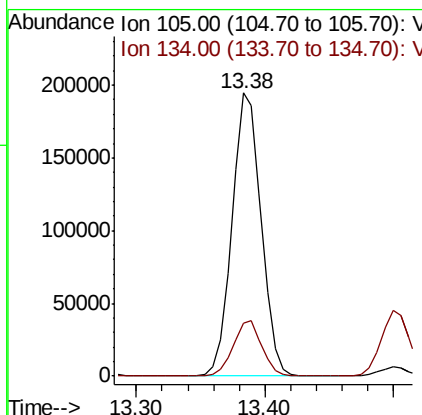
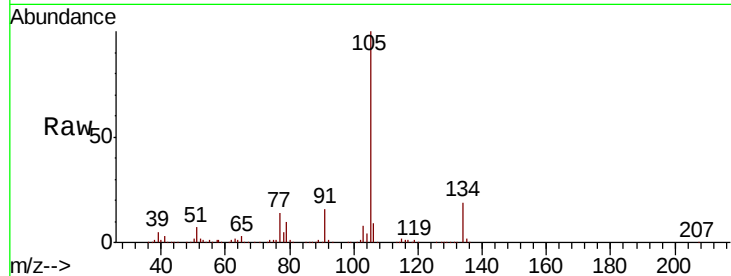




#85
 sec-Butylbenzene
 Concen: 21.536 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

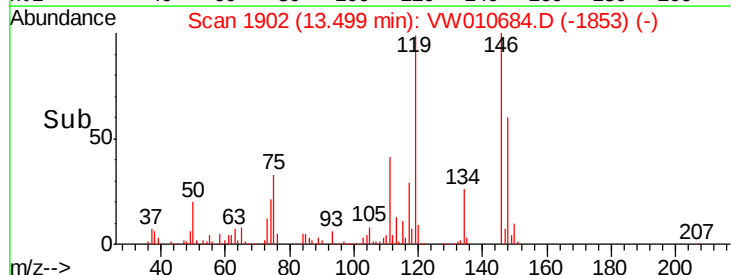
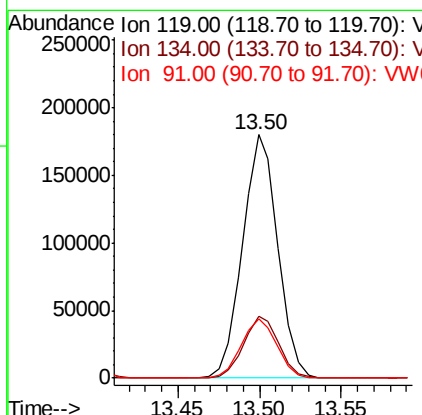
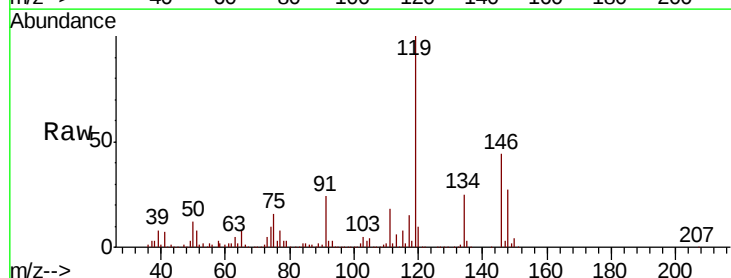
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

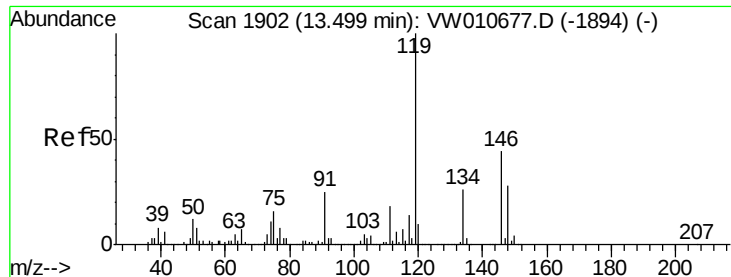
Tgt Ion:105 Resp: 304765
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.239 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion:119 Resp: 268777
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.012 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

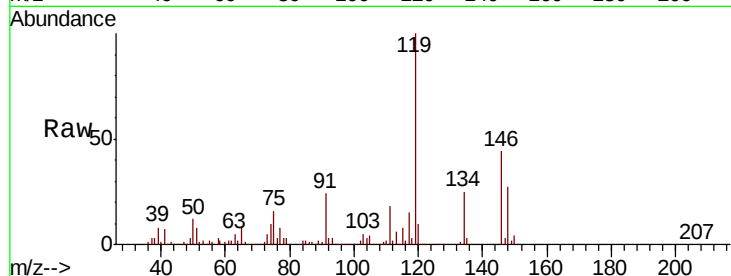
Tgt Ion:146 Resp: 123759

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

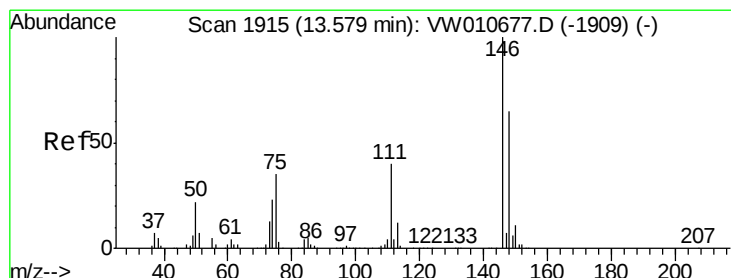
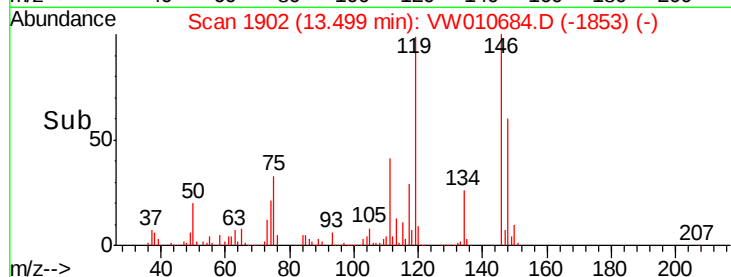
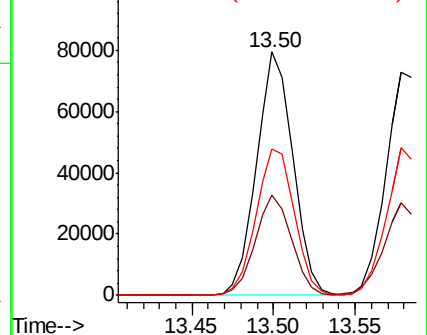
148 63.1 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.616 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

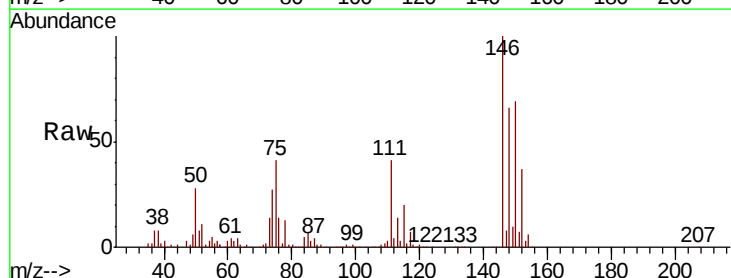
Tgt Ion:146 Resp: 120377

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

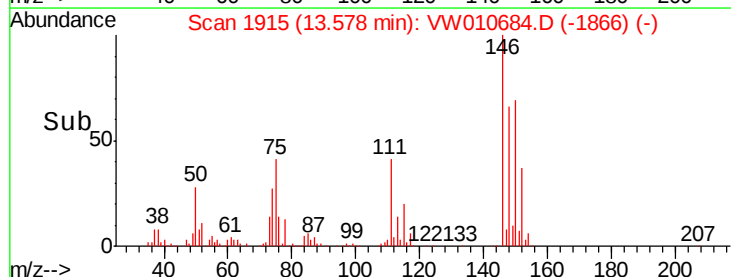
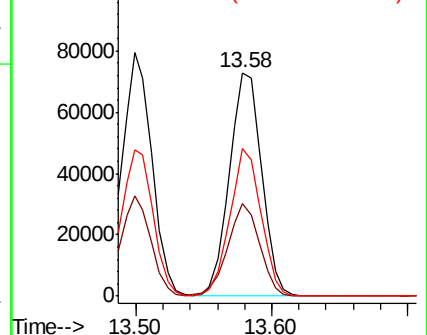
148 63.7 32.4 97.2

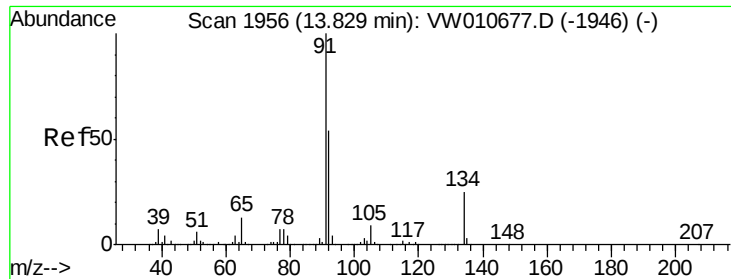


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.346 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

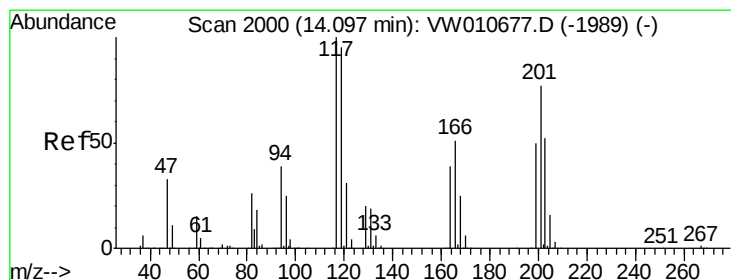
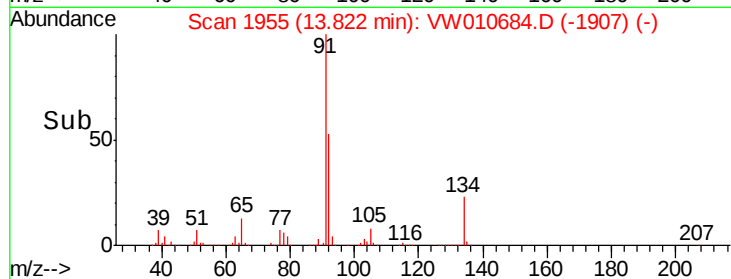
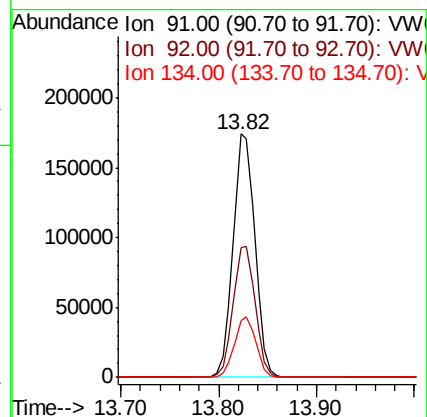
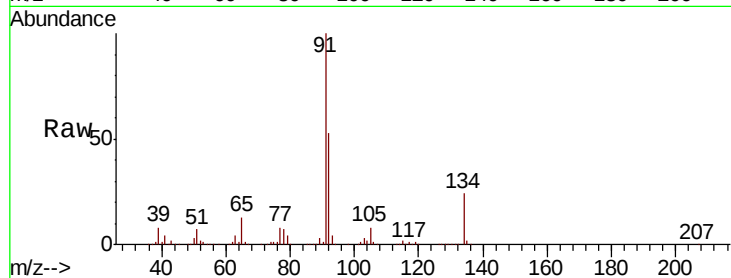
Tgt Ion: 91 Resp: 269520

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.8

134 24.7 12.3 36.9



#90

Hexachloroethane

Concen: 21.389 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010684.D

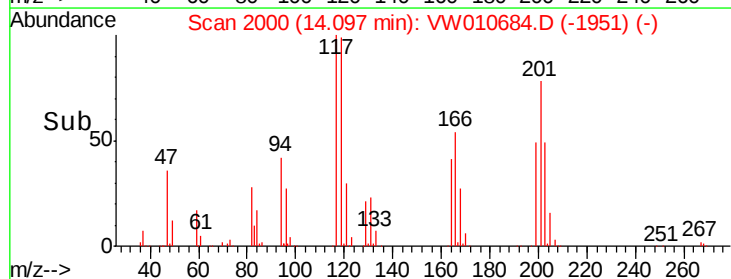
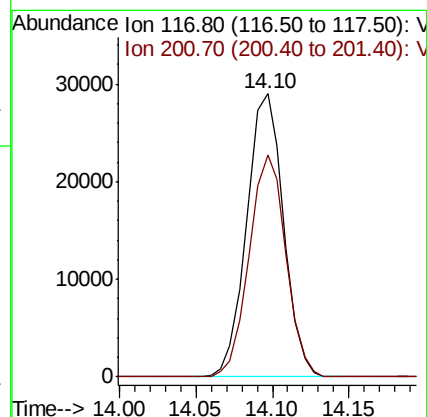
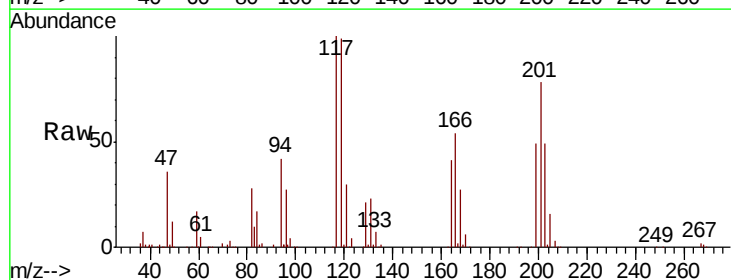
Acq: 05 Jun 2019 11:31

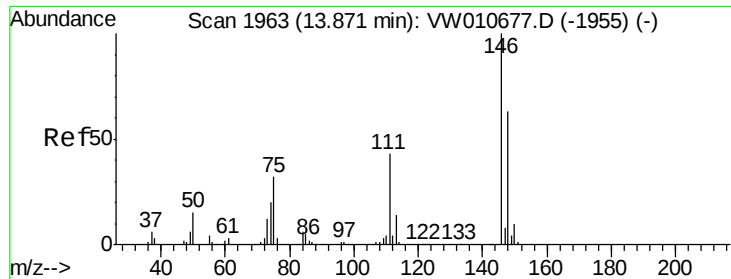
Tgt Ion: 117 Resp: 48474

Ion Ratio Lower Upper

117 100

201 78.6 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 20.037 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS01

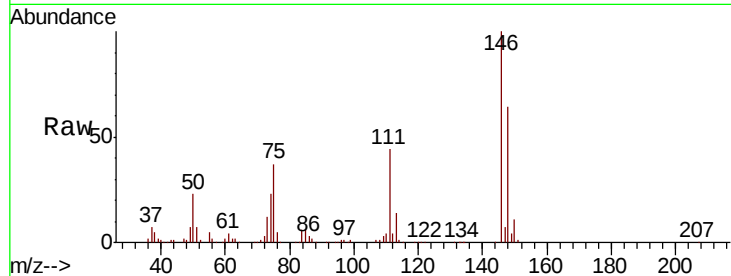
Tgt Ion:146 Resp: 106130

Ion Ratio Lower Upper

146 100

111 43.5 21.5 64.5

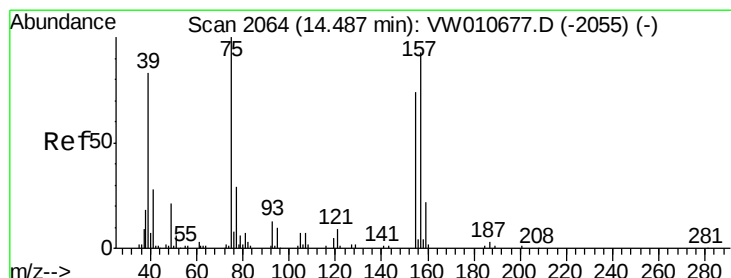
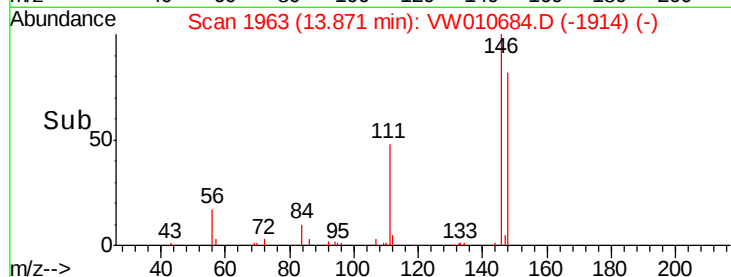
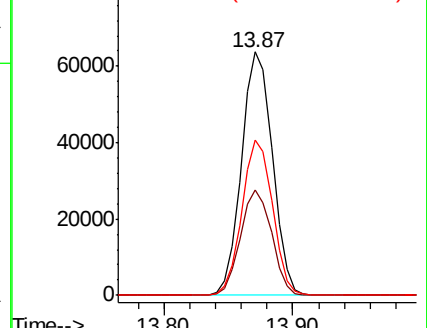
148 63.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.228 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010684.D

Acq: 05 Jun 2019 11:31

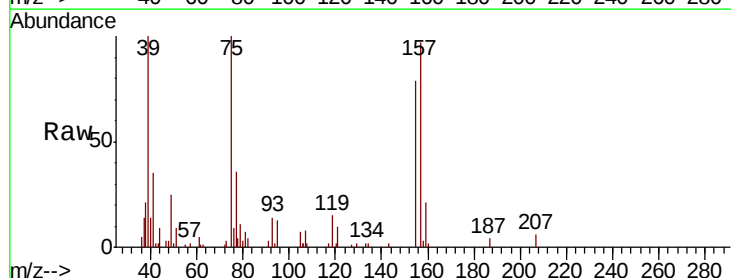
Tgt Ion: 75 Resp: 7880

Ion Ratio Lower Upper

75 100

155 76.9 38.8 116.4

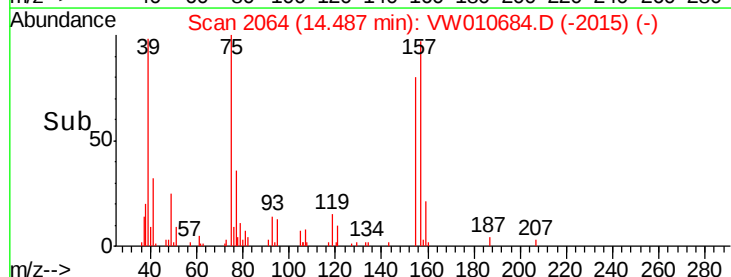
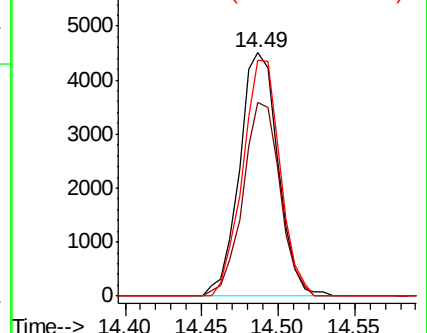
157 93.9 48.4 145.0

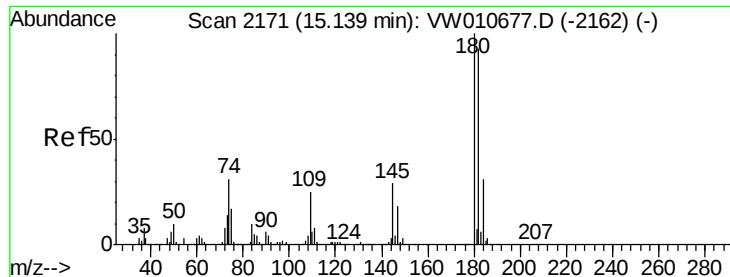


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

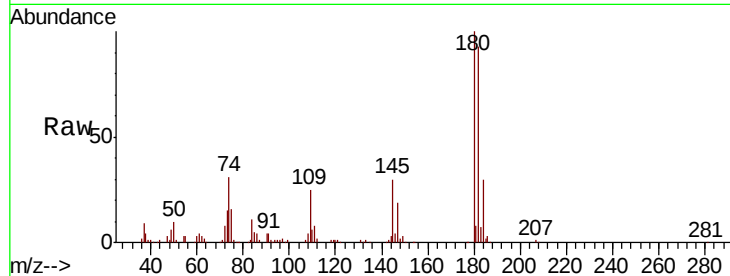




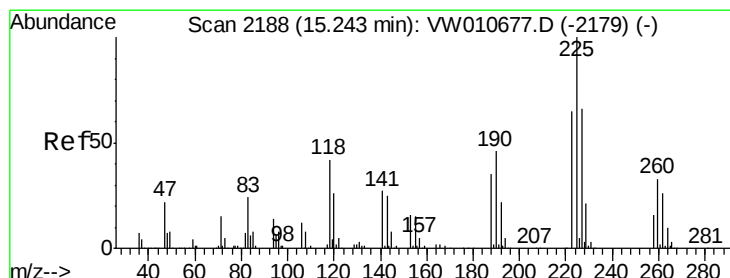
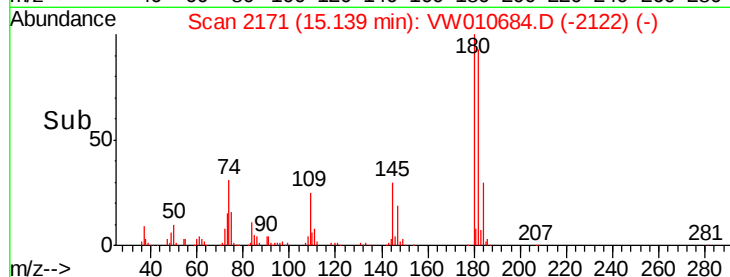
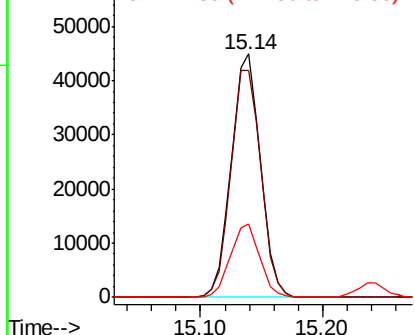
#93
 1,2,4-Trichlorobenzene
 Concen: 19.860 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS01

Tgt Ion:180 Resp: 73818
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.1 141.4
 145 30.2 15.2 45.5

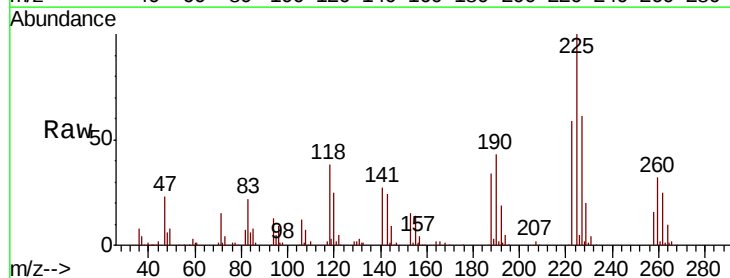


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

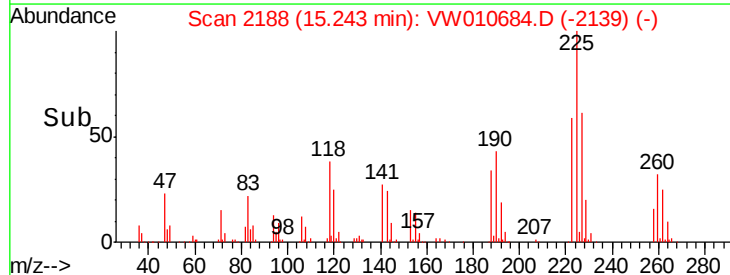
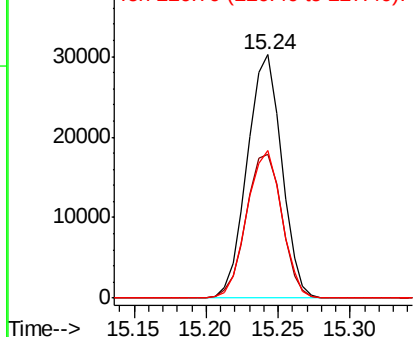


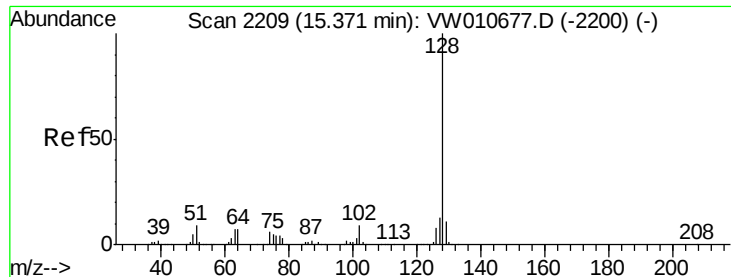
#94
 Hexachlorobutadiene
 Concen: 21.488 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010684.D
 Acq: 05 Jun 2019 11:31

Tgt Ion:225 Resp: 50127
 Ion Ratio Lower Upper
 225 100
 223 61.3 32.2 96.6
 227 61.4 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

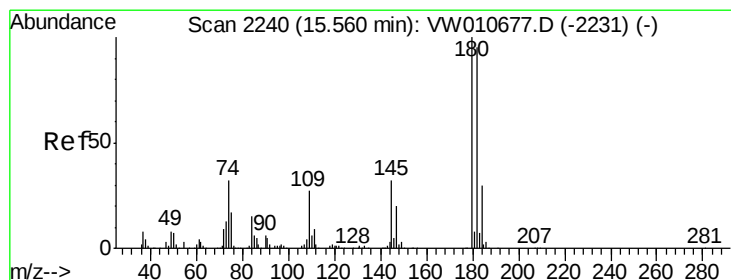
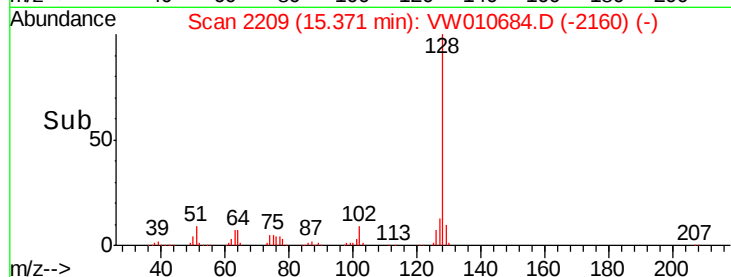
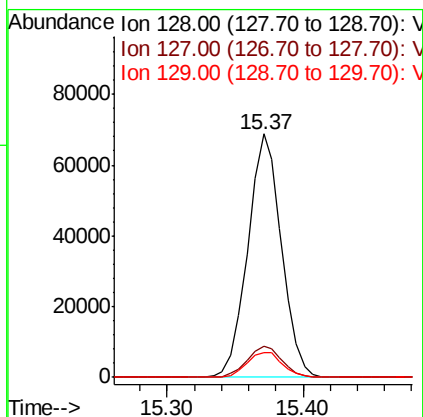
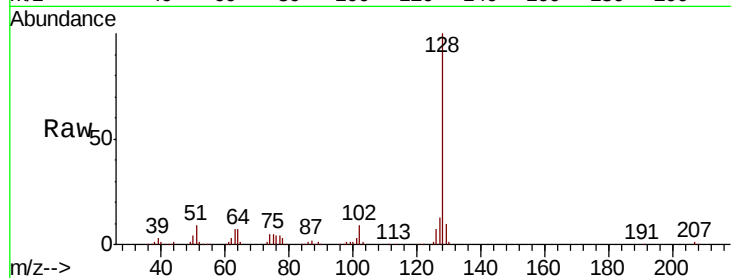




#95
Naphthalene
Concen: 17.614 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS01

Tgt Ion:128 Resp: 118955
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.403 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010684.D
Acq: 05 Jun 2019 11:31

Tgt Ion:180 Resp: 61336
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 32.1 16.1 48.3

