

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011052.D
 Acq On : 28 Jun 2019 11:12
 Operator : SY/VA
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Quant Time: Jun 29 01:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	221194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158285	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	139231	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	7.88	113	109676	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	10.32	98	466950	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	166297	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	38772	23.252	ug/l	98
3) Chloromethane	2.21	50	47817	21.391	ug/l	99
4) Vinyl Chloride	2.35	62	62709	21.546	ug/l	97
5) Bromomethane	2.73	94	26894	18.564	ug/l	100
6) Chloroethane	2.90	64	30845	20.101	ug/l	96
7) Trichlorofluoromethane	3.23	101	18126	21.193	ug/l	96
8) Diethyl Ether	3.67	74	25756	19.014	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48353	20.101	ug/l	99
10) Methyl Iodide	4.26	142	66235	19.681	ug/l	99
11) Tert butyl alcohol	5.17	59	16825	80.115	ug/l	97
12) 1,1-Dichloroethene	4.03	96	50759	20.272	ug/l	99
13) Acrolein	3.89	56	15900	97.089	ug/l	98
14) Allyl chloride	4.65	41	84344	20.930	ug/l	96
15) Acrylonitrile	5.36	53	60715	91.022	ug/l	98
16) Acetone	4.12	43	62843	89.035	ug/l	99
17) Carbon Disulfide	4.37	76	137254	19.322	ug/l	100
18) Methyl Acetate	4.67	43	35287	19.300	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	68188	19.241	ug/l	100
20) Methylene Chloride	4.91	84	54078	18.857	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	51543	19.977	ug/l	95
22) Diisopropyl ether	6.30	45	190597	19.654	ug/l	98
23) Vinyl Acetate	6.24	43	543665	90.985	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100618	19.656	ug/l	100
25) 2-Butanone	7.17	43	91234	85.037	ug/l	100
26) 2,2-Dichloropropane	7.16	77	47578	17.902	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	53773	19.357	ug/l	99
28) Bromochloromethane	7.51	49	44978	18.875	ug/l	98
29) Tetrahydrofuran	7.52	42	59350	88.864	ug/l	99
30) Chloroform	7.67	83	91701	19.719	ug/l	98
31) Cyclohexane	7.95	56	112827	20.398	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68828	19.806	ug/l	99
36) 1,1-Dichloropropene	8.07	75	79743	20.418	ug/l	99
37) Ethyl Acetate	7.25	43	40543	17.845	ug/l	99
38) Carbon Tetrachloride	8.06	117	63675	19.798	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011052.D
 Acq On : 28 Jun 2019 11:12
 Operator : SY/VA
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Quant Time: Jun 29 01:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	96258	20.027	ug/l	98
40) Benzene	8.32	78	216117	20.119	ug/l	97
41) Methacrylonitrile	7.48	41	22835	16.520	ug/l	91
42) 1,2-Dichloroethane	8.39	62	68757	19.522	ug/l	100
43) Isopropyl Acetate	8.42	43	76071	17.699	ug/l	99
44) Trichloroethene	9.09	130	51833	19.966	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57071	19.565	ug/l	95
46) Dibromomethane	9.46	93	25246	18.506	ug/l	99
47) Bromodichloromethane	9.64	83	63396	18.769	ug/l	99
48) Methyl methacrylate	9.43	41	36740	17.630	ug/l	98
49) 1,4-Dioxane	9.45	88	8211	357.966	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	200702	88.711	ug/l	99
52) Toluene	10.38	92	131553	20.004	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64002	18.192	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	79067	18.840	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36176	18.769	ug/l	97
56) Ethyl methacrylate	10.64	69	52239	18.099	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68842	18.777	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	127891	87.577	ug/l	100
59) 2-Hexanone	10.97	43	138230	87.613	ug/l	99
60) Dibromochloromethane	11.13	129	36756	18.186	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33861	18.766	ug/l	98
64) Tetrachloroethene	10.86	164	42708	19.550	ug/l	96
65) Chlorobenzene	11.66	112	129364	19.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42487	19.258	ug/l	99
67) Ethyl Benzene	11.73	91	256042	20.572	ug/l	100
68) m/p-Xylenes	11.84	106	184432	40.838	ug/l	99
69) o-Xylene	12.16	106	85437	20.311	ug/l	100
70) Styrene	12.18	104	146592	20.055	ug/l	100
71) Bromoform	12.35	173	18717	17.402	ug/l #	98
73) Isopropylbenzene	12.46	105	238384	20.104	ug/l	100
74) N-amyl acetate	12.27	43	72497	18.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	43220	18.561	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	55006	32.916	ug/l #	100
77) Bromobenzene	12.74	156	51496	19.758	ug/l	97
78) n-propylbenzene	12.80	91	299931	20.426	ug/l	99
79) 2-Chlorotoluene	12.89	91	170317	20.302	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	203535	20.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11592	17.651	ug/l	92
82) 4-Chlorotoluene	12.99	91	175823	20.112	ug/l	98
83) tert-Butylbenzene	13.21	119	169126	20.180	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	205151	20.195	ug/l	99
85) sec-Butylbenzene	13.38	105	249049	20.456	ug/l	99
86) p-Isopropyltoluene	13.50	119	223930	20.439	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101980	19.780	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	101009	19.626	ug/l	99
89) n-Butylbenzene	13.82	91	226835	20.370	ug/l	99
90) Hexachloroethane	14.10	117	35166	18.759	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	90479	19.540	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7254	18.330	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
Data File : VW011052.D
Acq On : 28 Jun 2019 11:12
Operator : SY/VA
Sample : VW0629SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Quant Time: Jun 29 01:48:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

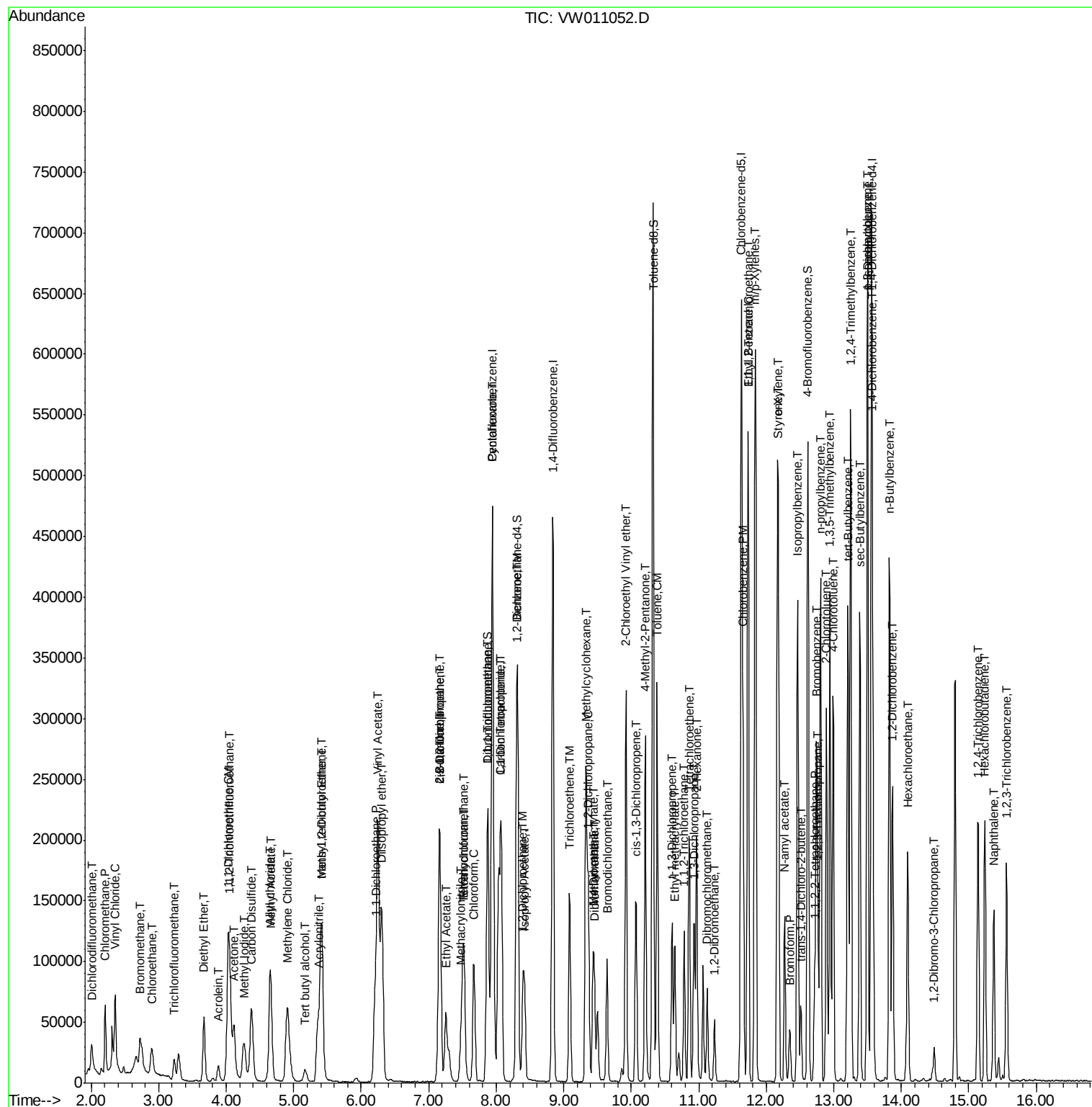
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66197	20.319	ug/l	100
94) Hexachlorobutadiene	15.24	225	40435	20.463	ug/l	100
95) Naphthalene	15.37	128	114637	18.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57589	19.796	ug/l	99

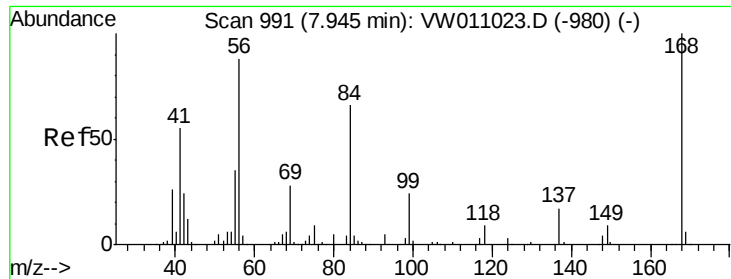
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011052.D
 Acq On : 28 Jun 2019 11:12
 Operator : SY/VA
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Quant Time: Jun 29 01:48:31 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

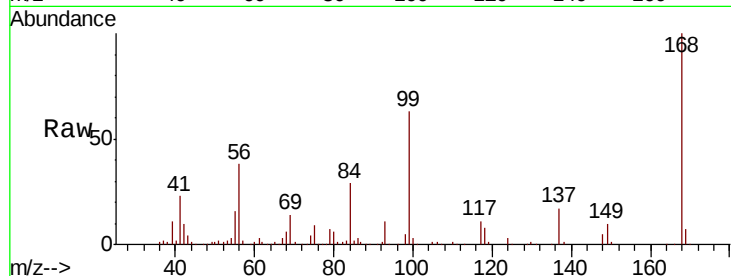
VW0629SBS01

Tot Ion:168 Resp: 221194

Ion Ratio Lower Upper

168 100

99 62.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

100000

80000

60000

40000

20000

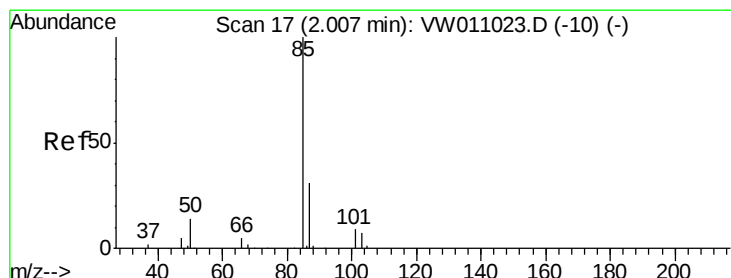
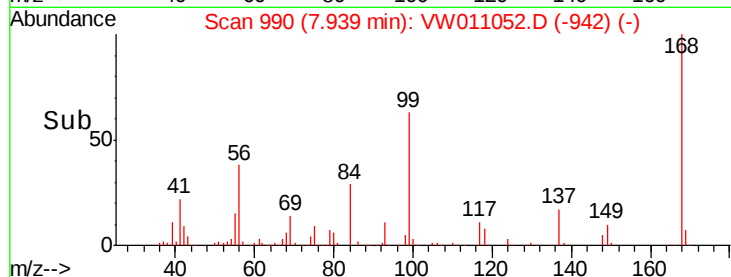
0

Time-->

7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 23.252 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011052.D

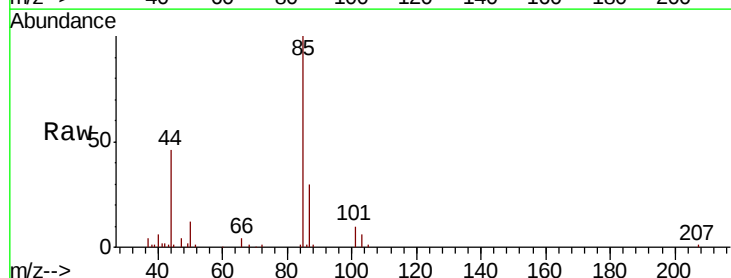
Acq: 28 Jun 2019 11:12

Tgt Ion: 85 Resp: 38772

Ion Ratio Lower Upper

85 100

87 30.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

10000

5000

0

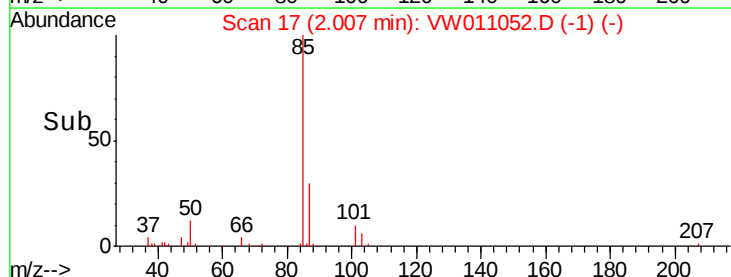
Time-->

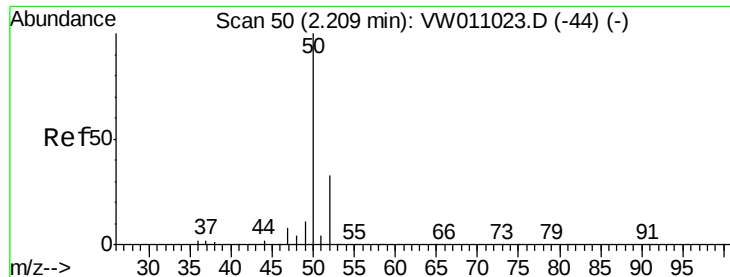
1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 21.391 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

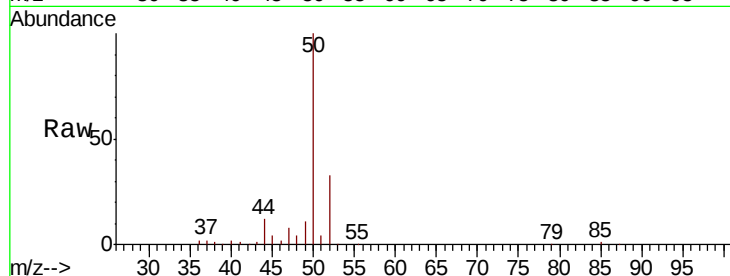
VW0629SBS01

Tot Ion: 50 Resp: 47817

Ion Ratio Lower Upper

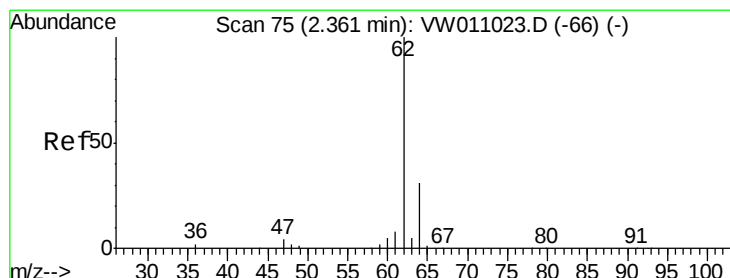
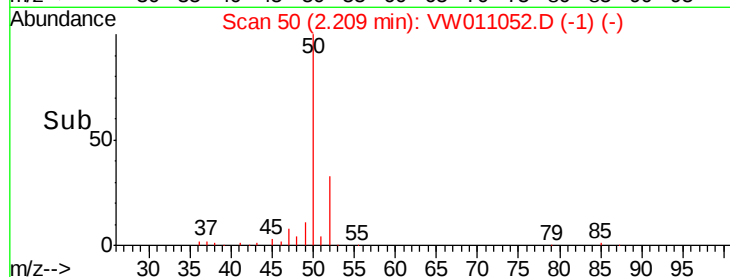
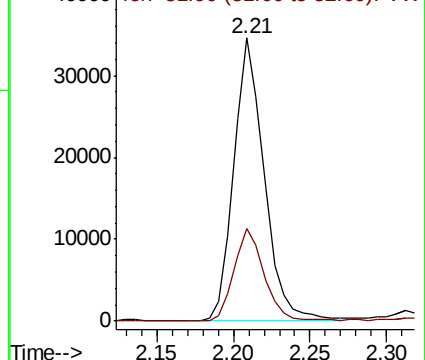
50 100

52 32.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.546 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011052.D

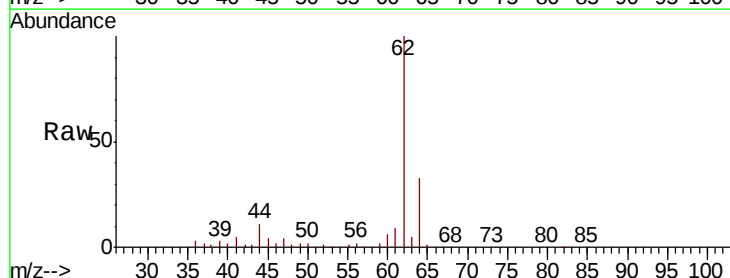
Acq: 28 Jun 2019 11:12

Tgt Ion: 62 Resp: 62709

Ion Ratio Lower Upper

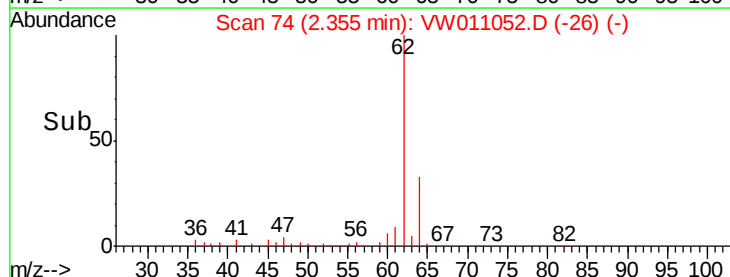
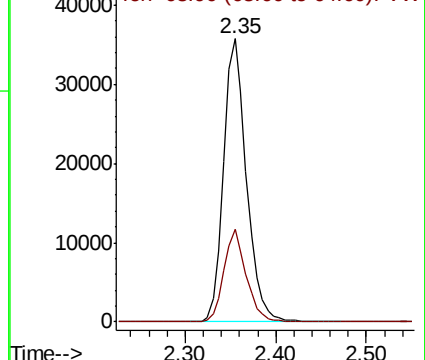
62 100

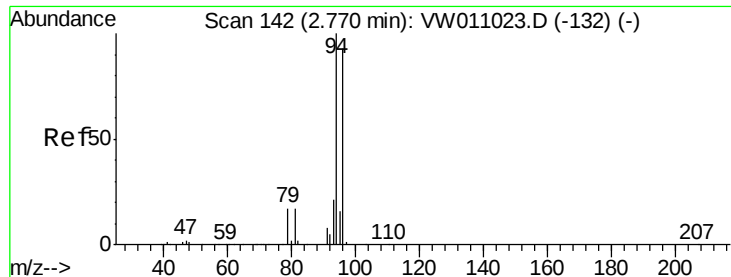
64 32.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 18.564 ug/l

RT: 2.73 min Scan# 135

Delta R.T. -0.04 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

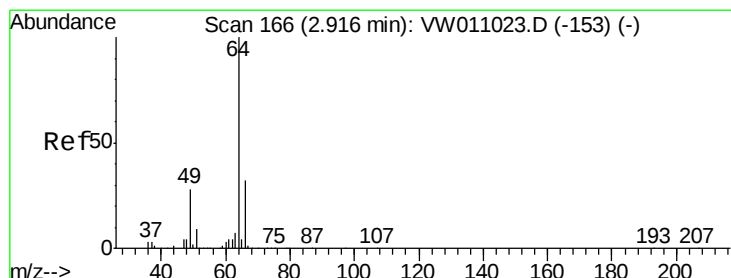
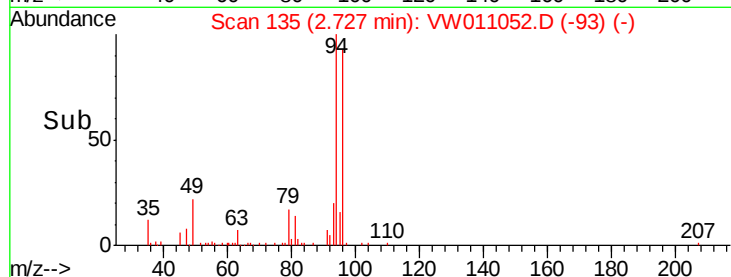
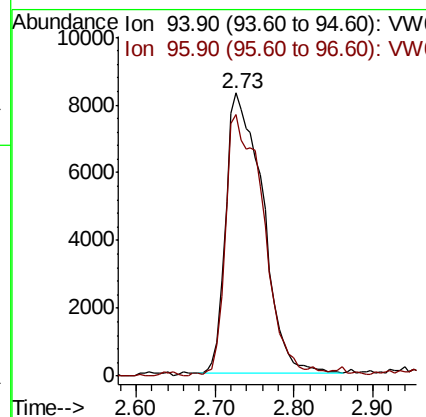
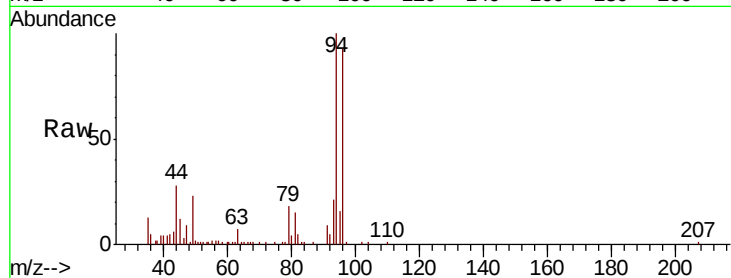
VW0629SBS01

Tot Ion: 94 Resp: 26894

Ion Ratio Lower Upper

94 100

96 92.4 74.2 111.2



#6

Chloroethane

Concen: 20.101 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW011052.D

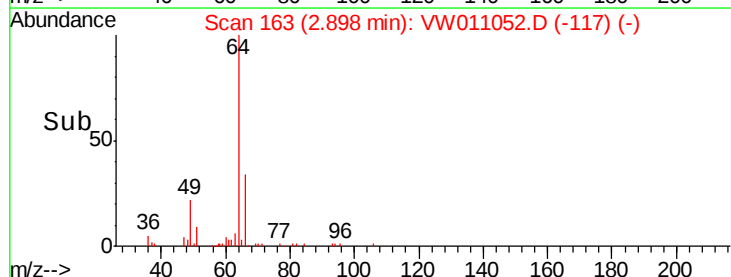
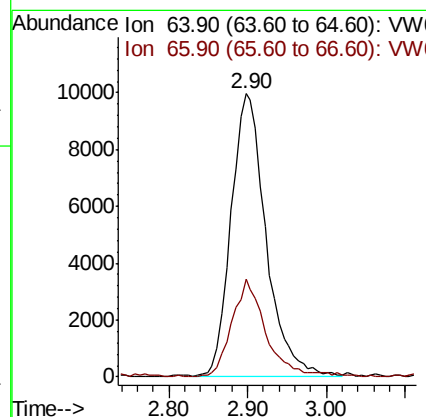
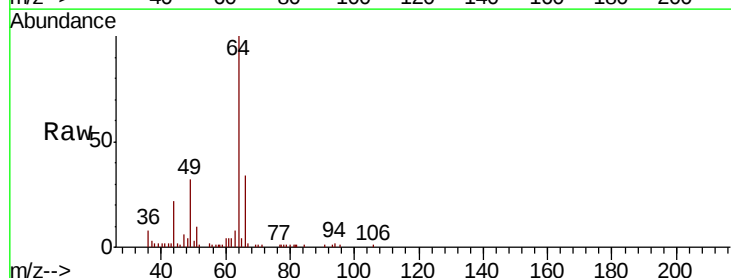
Acq: 28 Jun 2019 11:12

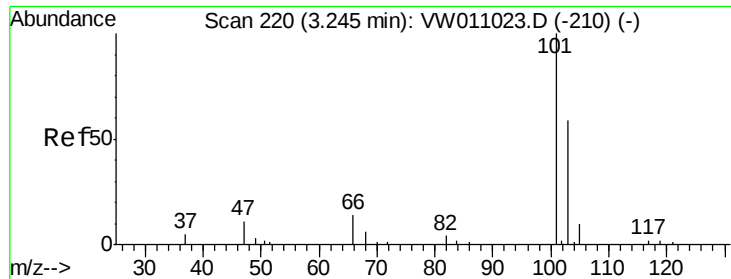
Tgt Ion: 64 Resp: 30845

Ion Ratio Lower Upper

64 100

66 34.4 25.7 38.5



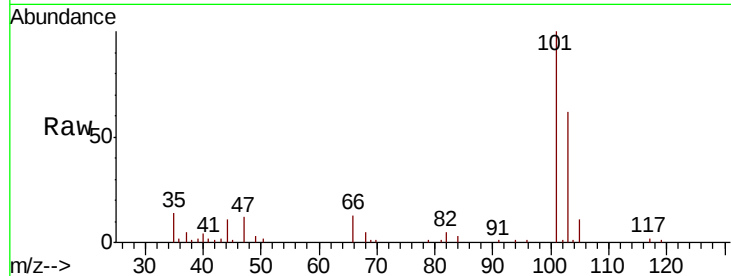


#7

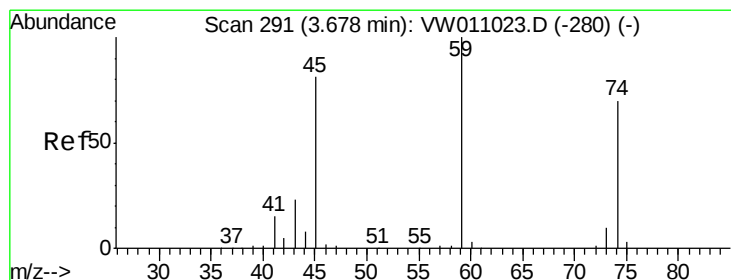
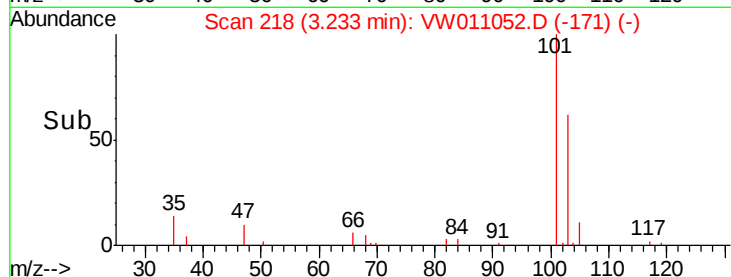
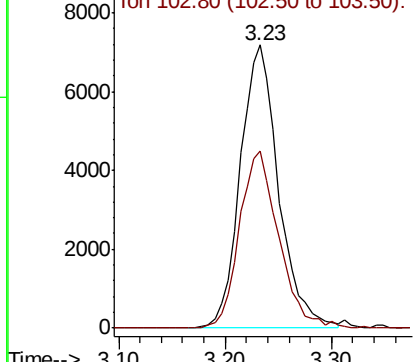
Trichlorofluoromethane
 Concen: 21.193 ug/l
 RT: 3.23 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion:101 Resp: 18126
 Ion Ratio Lower Upper
 101 100
 103 62.5 47.5 71.3



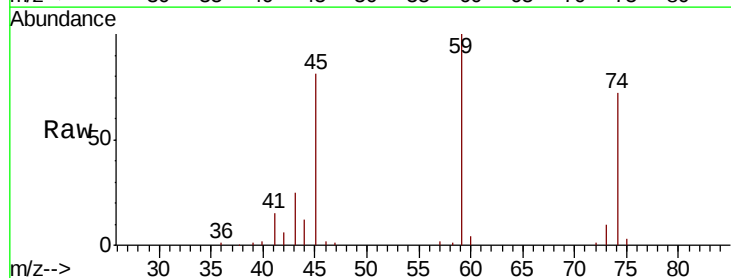
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



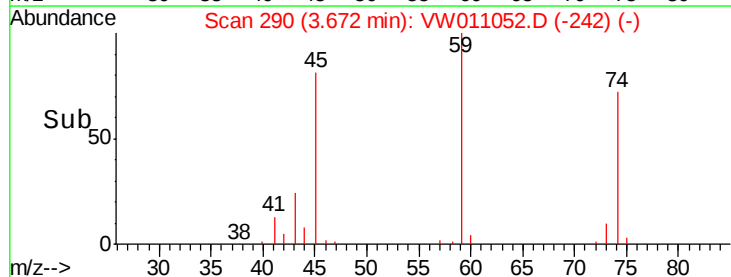
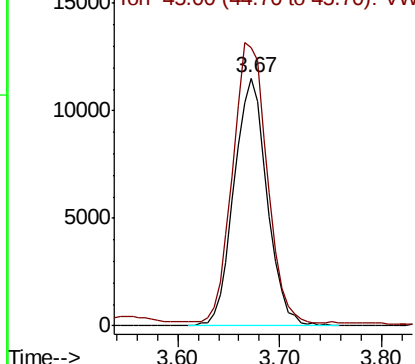
#8

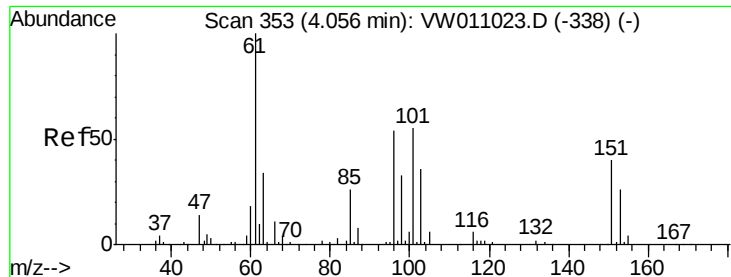
Diethyl Ether
 Concen: 19.014 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion: 74 Resp: 25756
 Ion Ratio Lower Upper
 74 100
 45 118.5 59.5 178.5



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.101 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

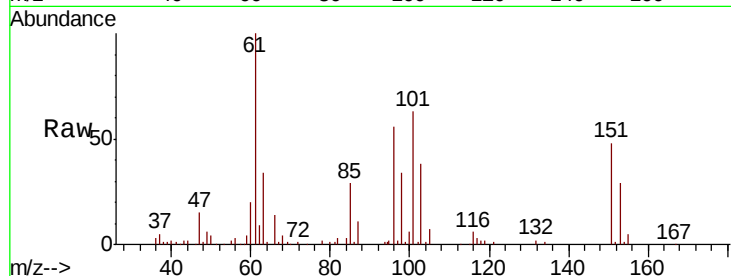
Tot Ion:101 Resp: 48353

Ion Ratio Lower Upper

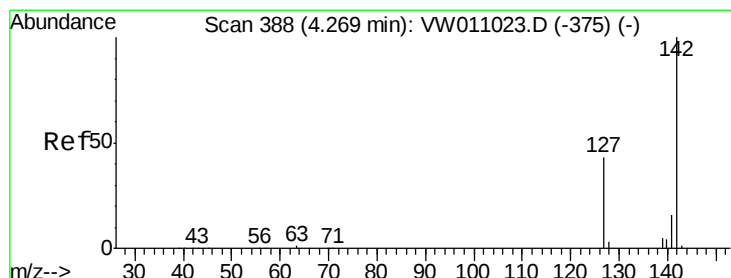
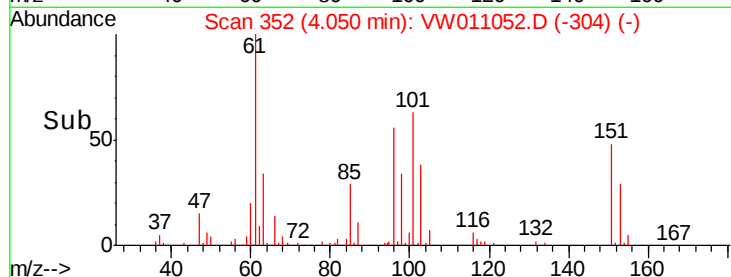
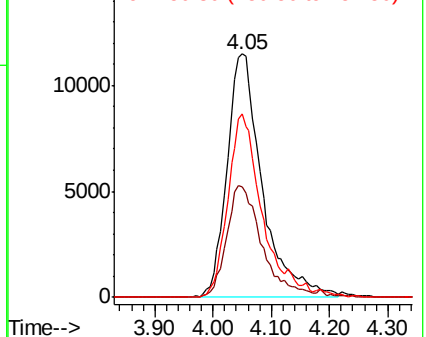
101 100

85 45.8 36.6 55.0

151 72.5 58.9 88.3



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: 19.681 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

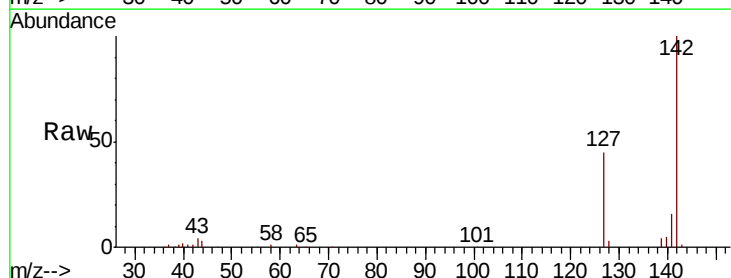
Tgt Ion:142 Resp: 66235

Ion Ratio Lower Upper

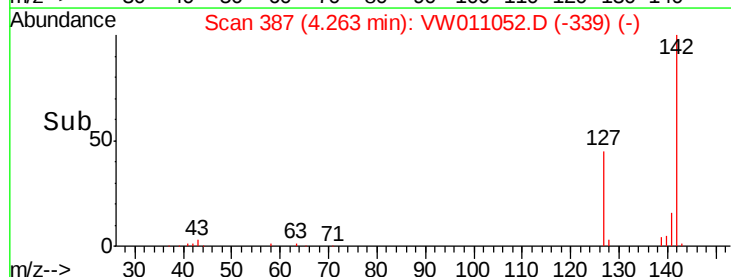
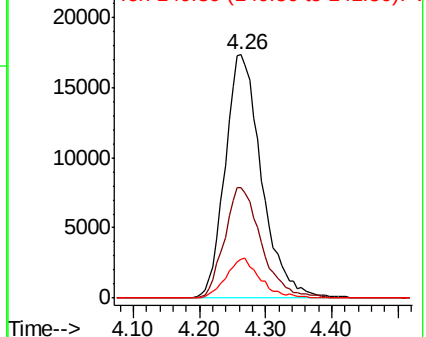
142 100

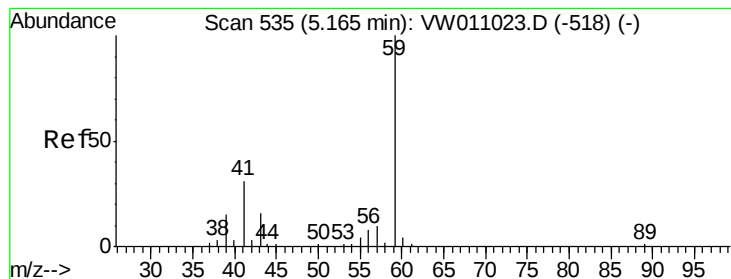
127 46.0 35.8 53.8

141 15.4 12.2 18.2



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: 80.115 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampled :

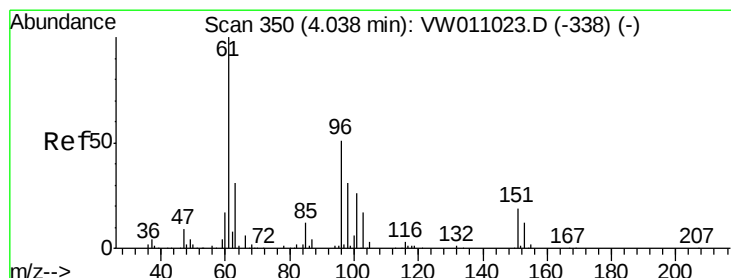
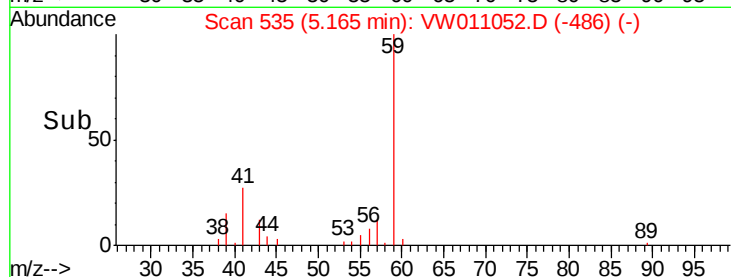
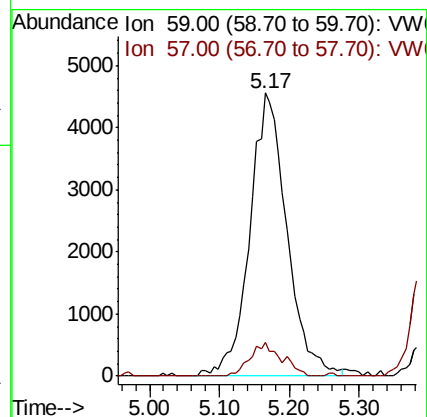
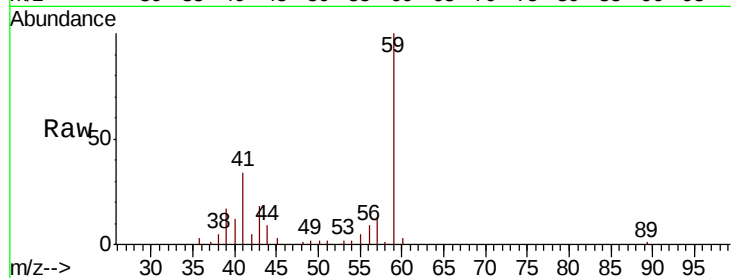
VW0629SBS01

Tot Ion: 59 Resp: 16825

Ion Ratio Lower Upper

59 100

57 10.1 9.0 13.4



#12

1,1-Dichloroethene

Concen: 20.272 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

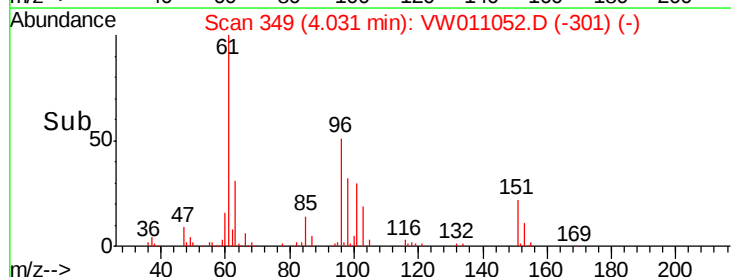
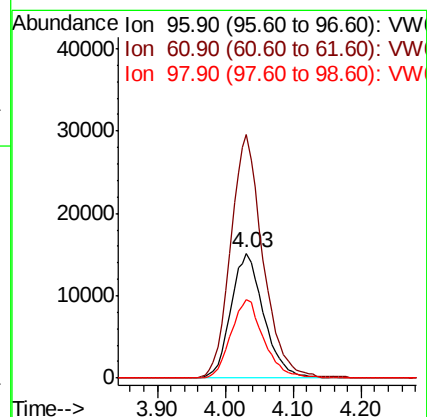
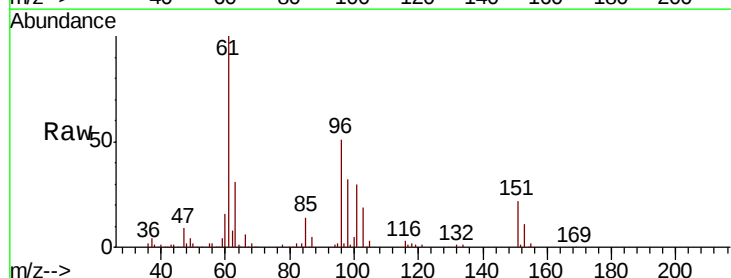
Tgt Ion: 96 Resp: 50759

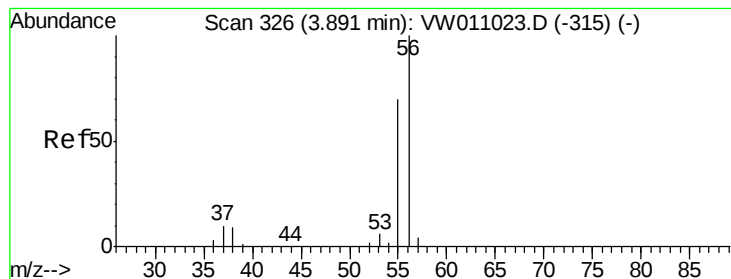
Ion Ratio Lower Upper

96 100

61 195.4 156.0 234.0

98 63.2 48.7 73.1





#13

Acrolein

Concen: 97.089 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

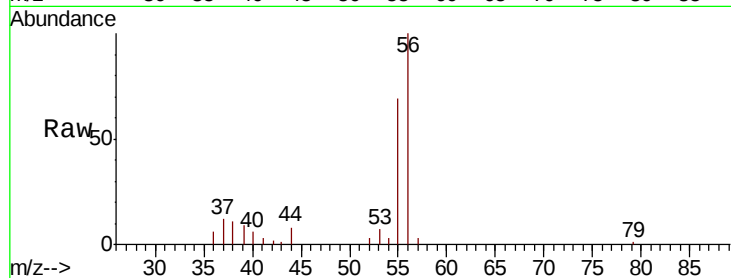
VW0629SBS01

Tot Ion: 56 Resp: 15900

Ion Ratio Lower Upper

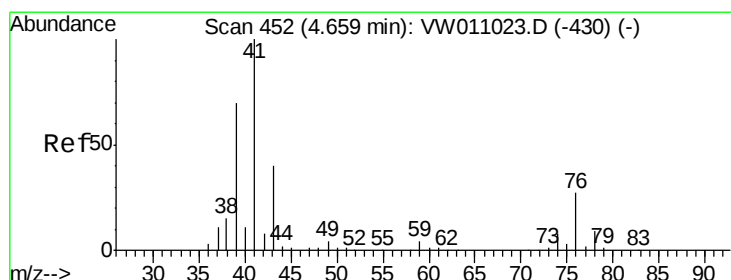
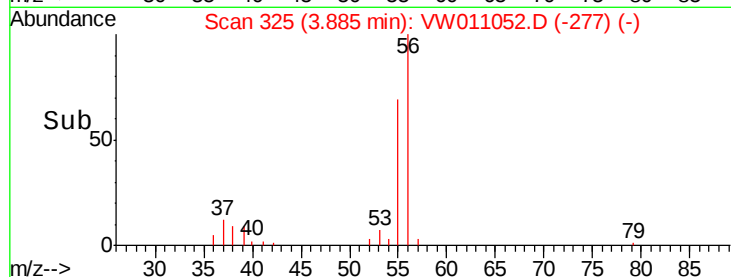
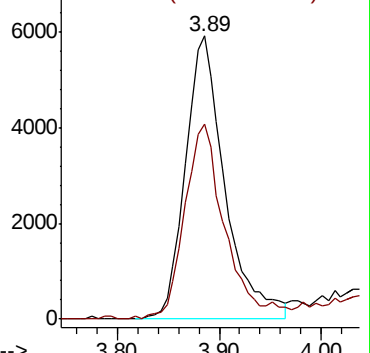
56 100

55 68.3 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.930 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

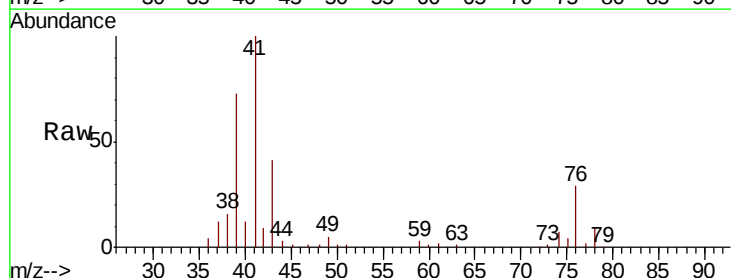
Tgt Ion: 41 Resp: 84344

Ion Ratio Lower Upper

41 100

39 73.6 55.4 83.2

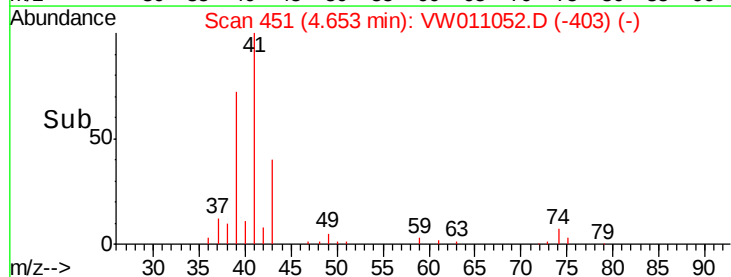
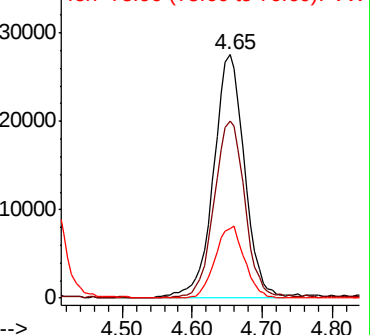
76 28.5 22.0 33.0

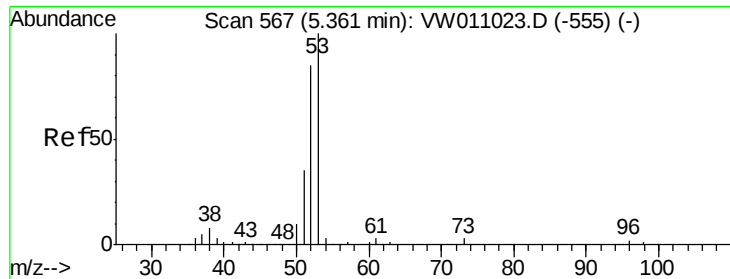


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 91.022 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

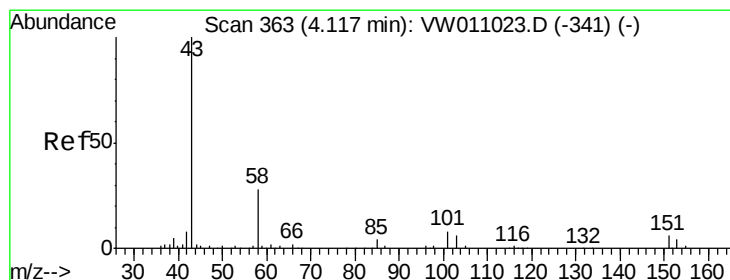
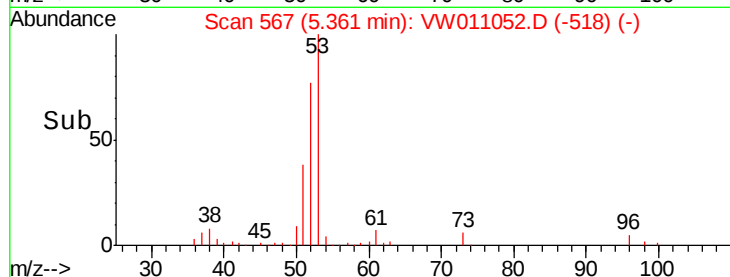
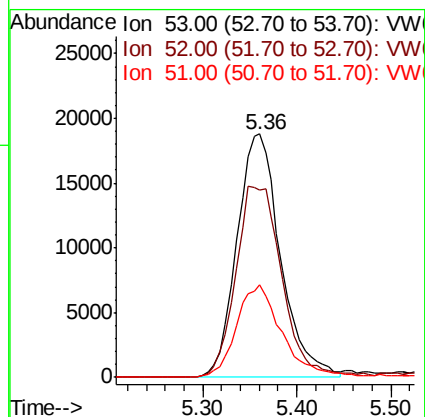
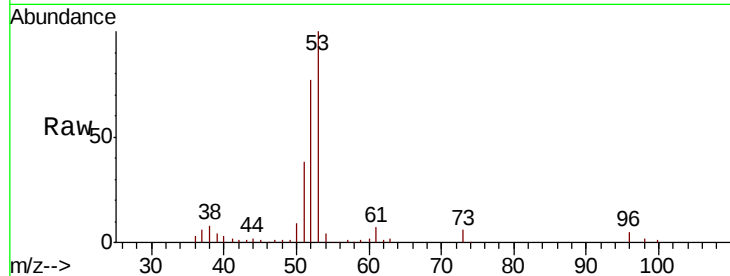
Tot Ion: 53 Resp: 60715

Ion Ratio Lower Upper

53 100

52 83.9 66.3 99.5

51 39.5 29.8 44.6



#16

Acetone

Concen: 89.035 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011052.D

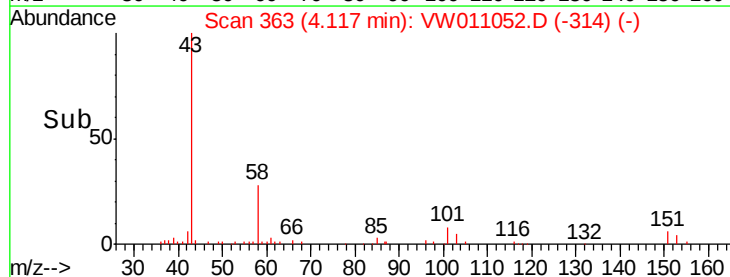
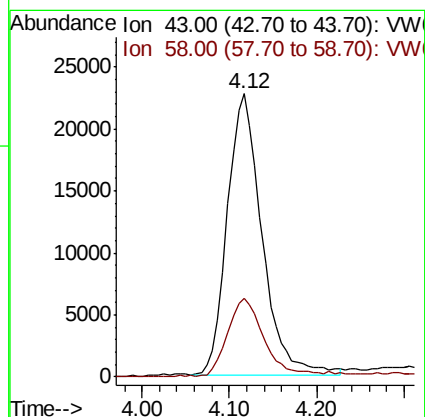
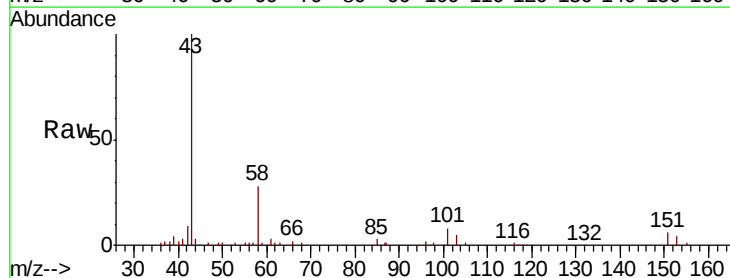
Acq: 28 Jun 2019 11:12

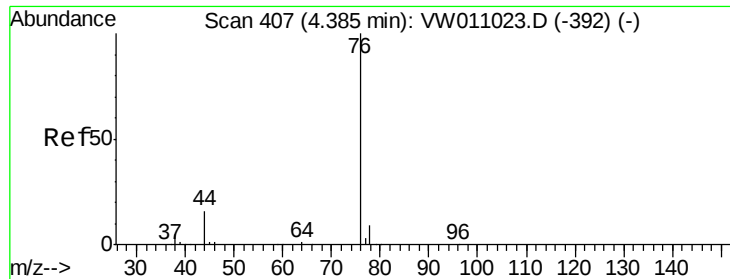
Tgt Ion: 43 Resp: 62843

Ion Ratio Lower Upper

43 100

58 27.6 22.5 33.7

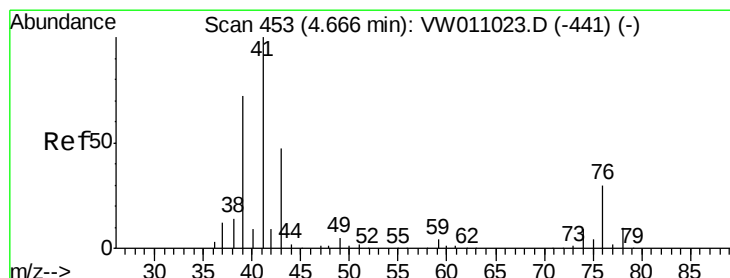
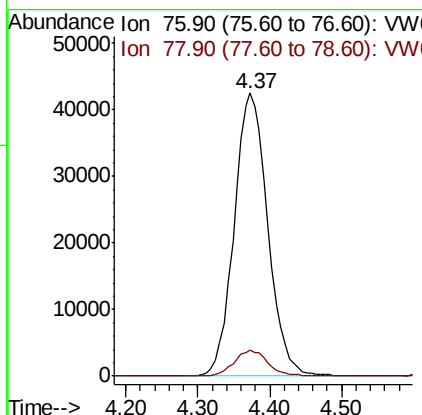
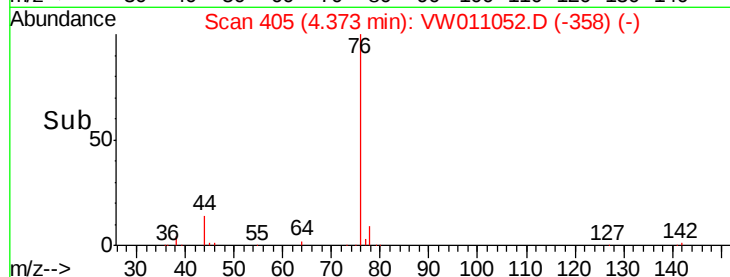
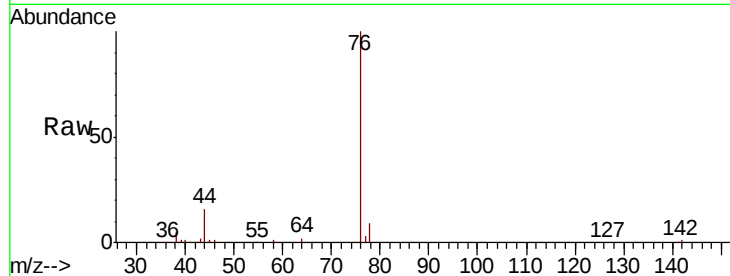




#17
Carbon Disulfide
Concen: 19.322 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

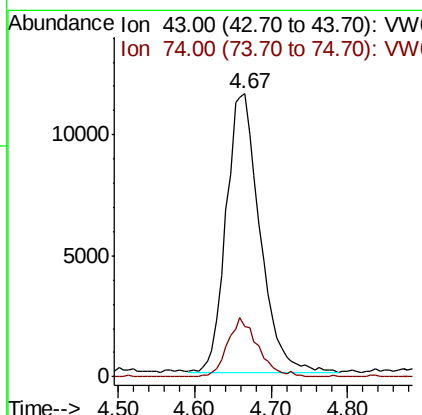
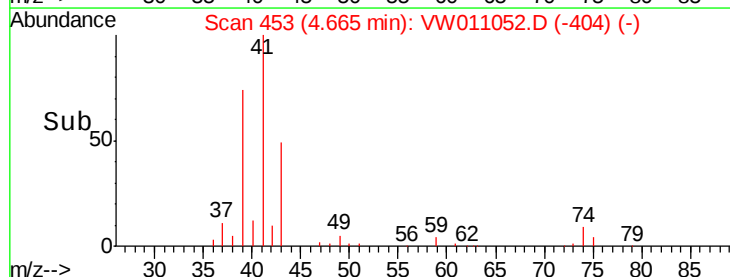
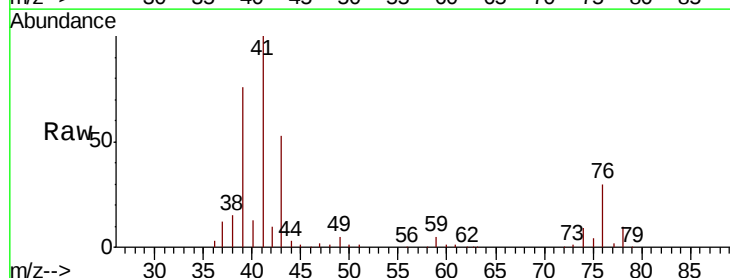
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

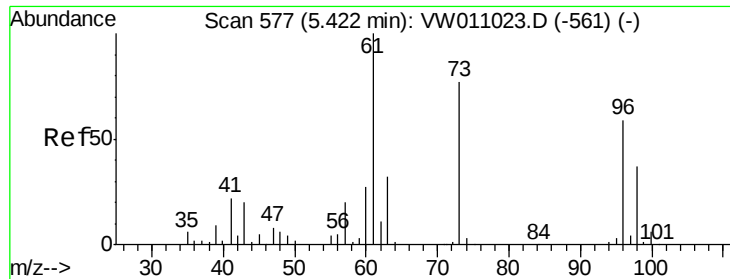
Tot Ion: 76 Resp: 137254
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 19.300 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 43 Resp: 35287
Ion Ratio Lower Upper
43 100
74 19.0 15.8 23.8

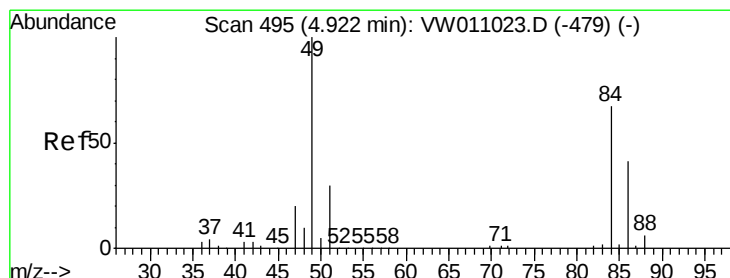
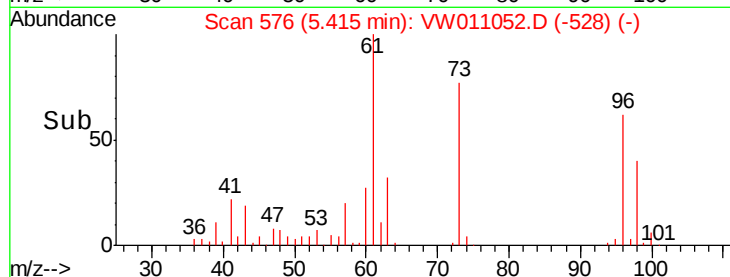
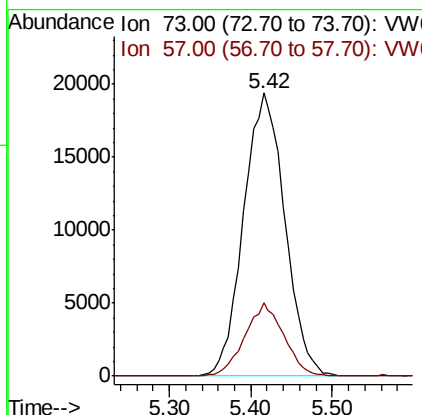
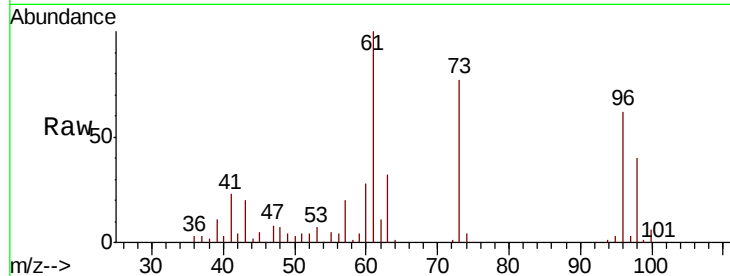




#19
Methyl tert-butyl Ether
Concen: 19.241 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

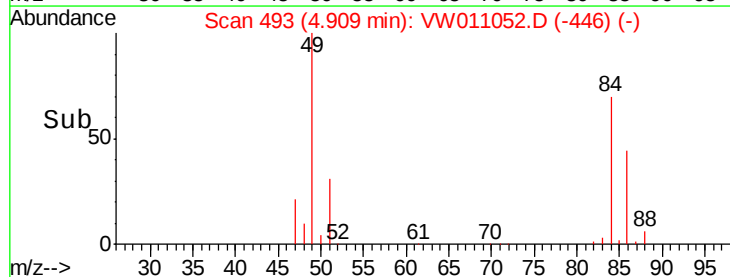
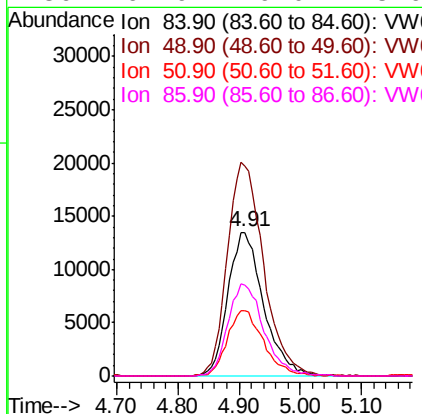
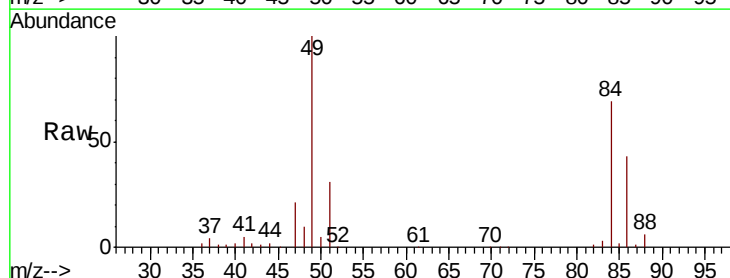
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

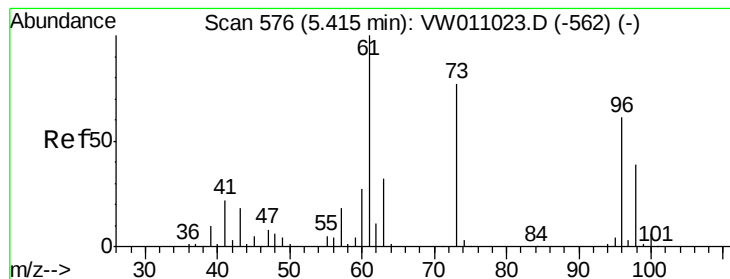
Tot Ion: 73 Resp: 68188
Ion Ratio Lower Upper
73 100
57 25.9 20.8 31.2



#20
Methylene Chloride
Concen: 18.857 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 84 Resp: 54078
Ion Ratio Lower Upper
84 100
49 145.5 119.6 179.4
51 45.3 35.6 53.4
86 62.9 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.977 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

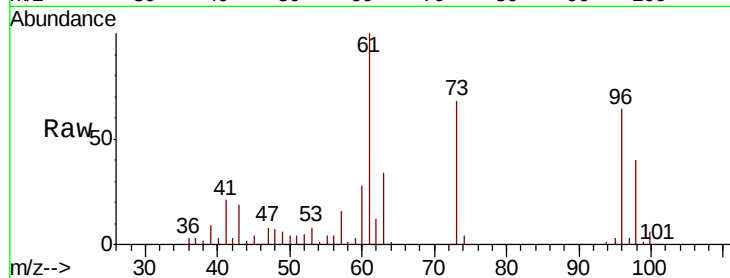
Tot Ion: 96 Resp: 51543

Ion Ratio Lower Upper

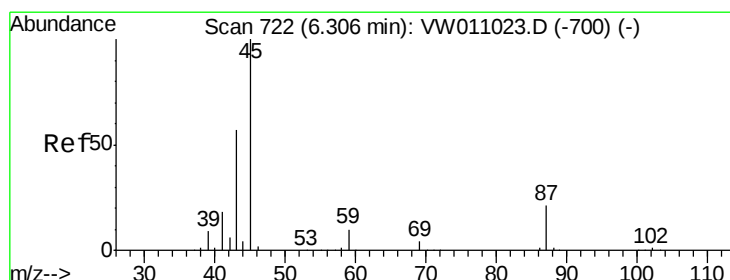
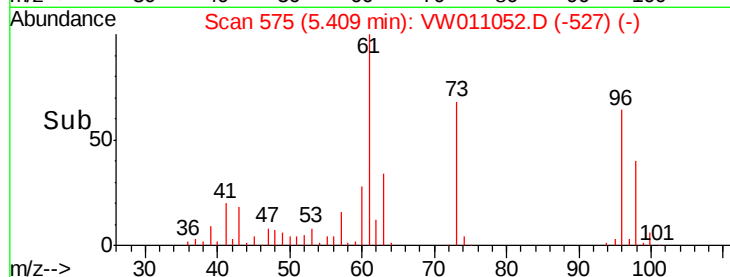
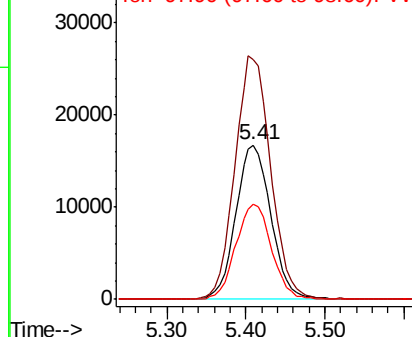
96 100

61 155.2 131.0 196.4

98 61.9 50.8 76.2



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



#22

Diisopropyl ether

Concen: 19.654 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion: 45 Resp: 190597

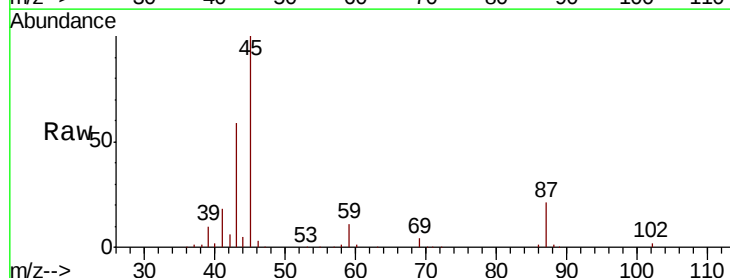
Ion Ratio Lower Upper

45 100

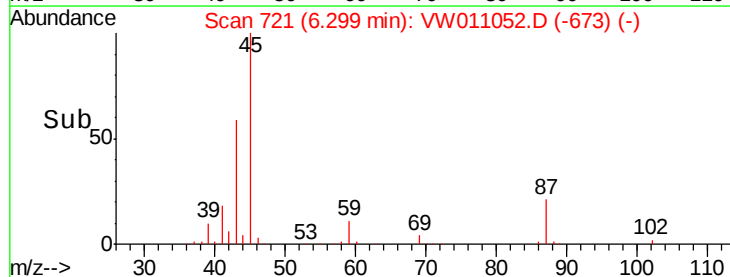
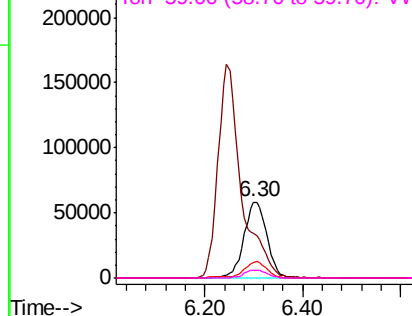
43 58.8 45.8 68.6

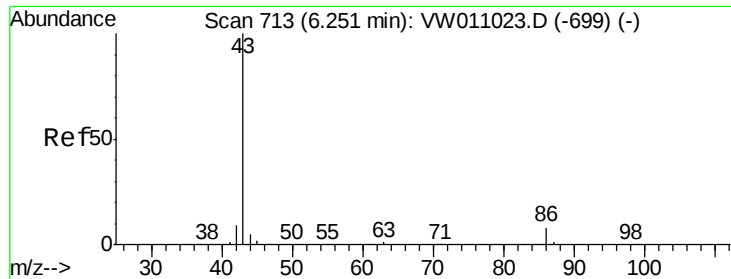
87 20.5 17.1 25.7

59 10.8 8.2 12.4



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

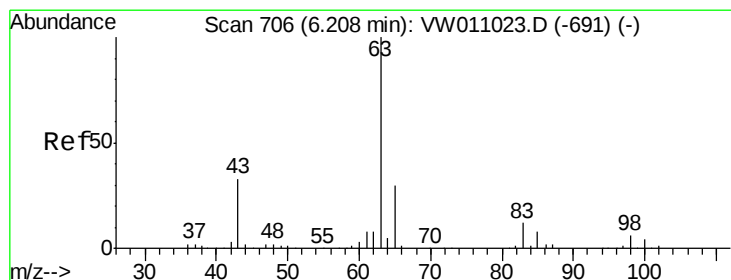
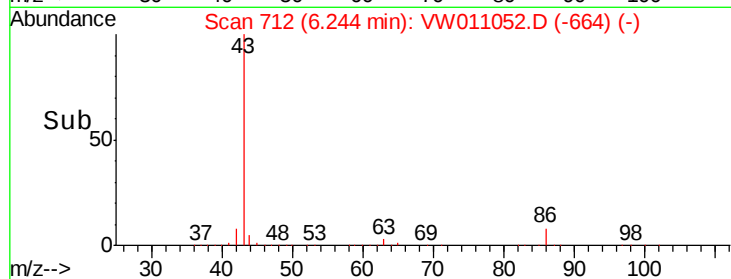
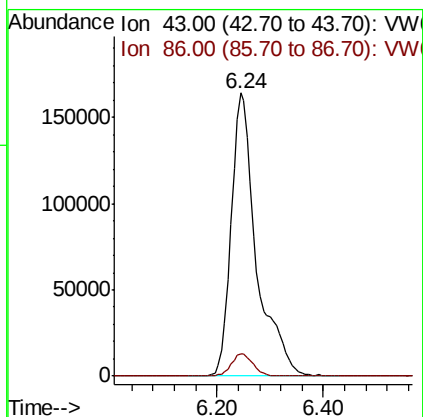
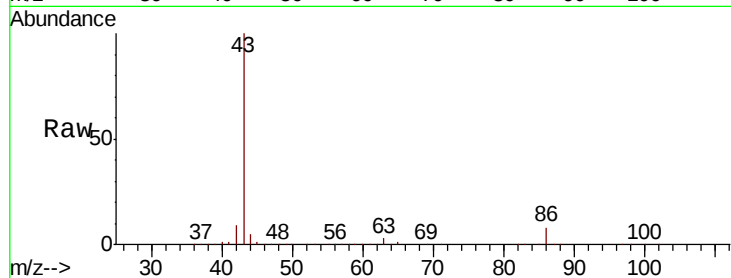




#23
 Vinyl Acetate
 Concen: 90.985 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

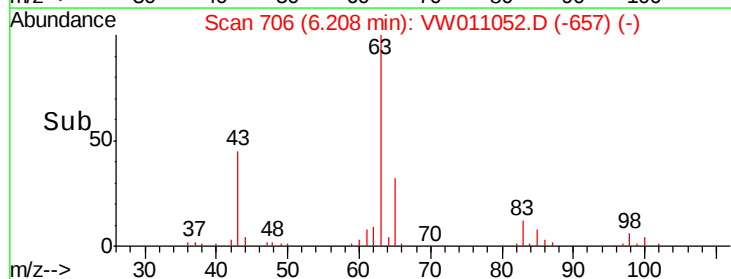
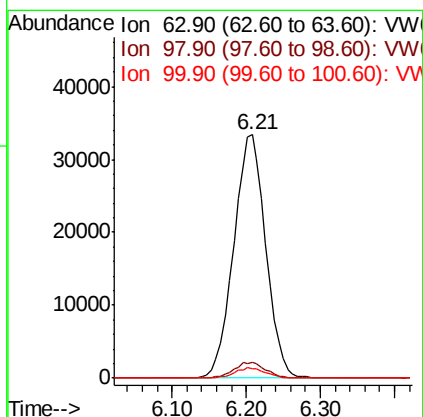
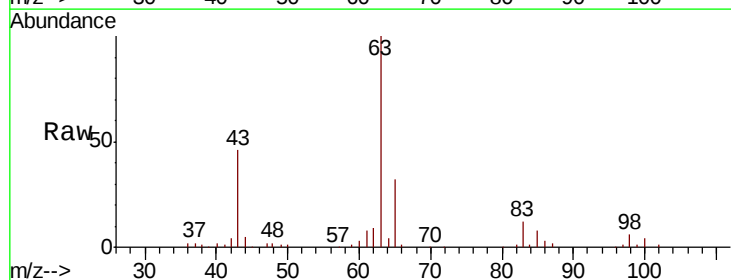
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

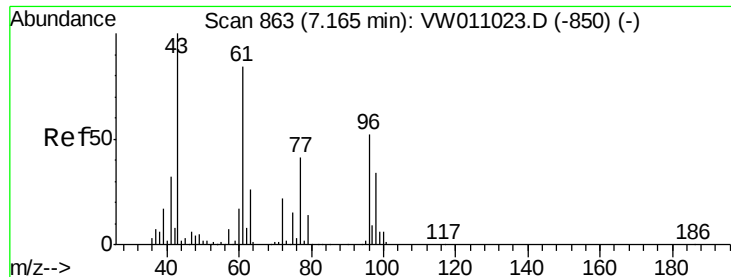
Tot Ion: 43 Resp: 543665
 Ion Ratio Lower Upper
 43 100
 86 7.8 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 19.656 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion: 63 Resp: 100618
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.0 2.1 6.2

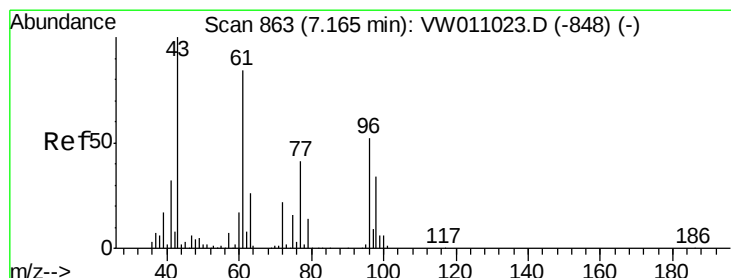
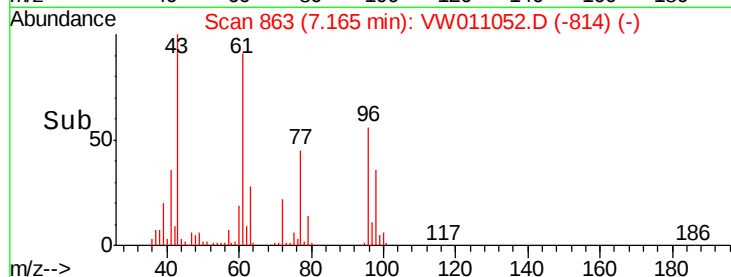
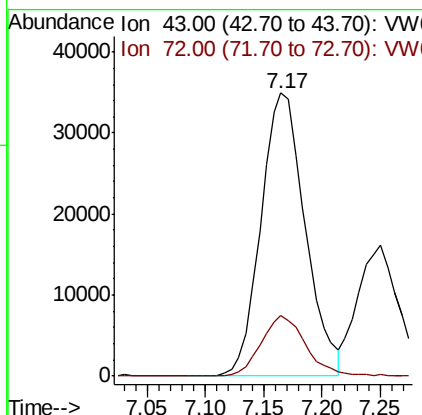
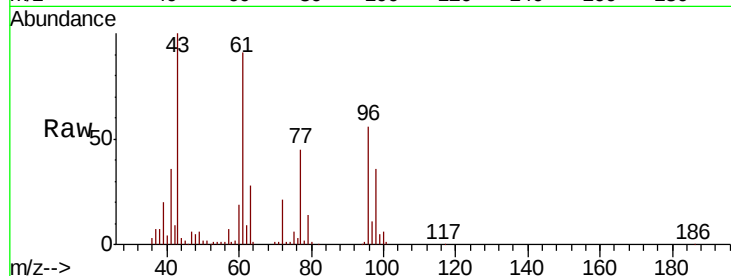




#25
2-Butanone
Concen: 85.037 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

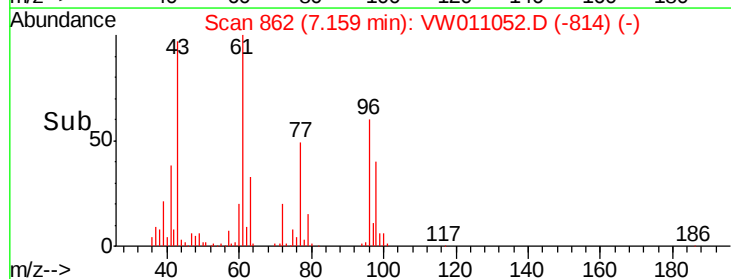
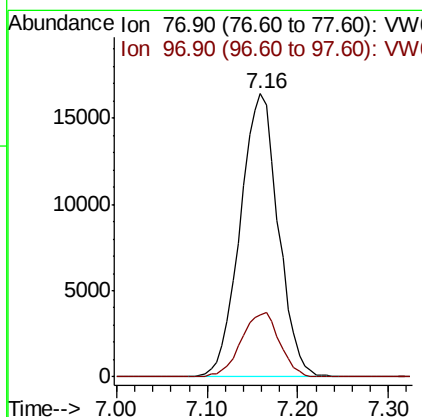
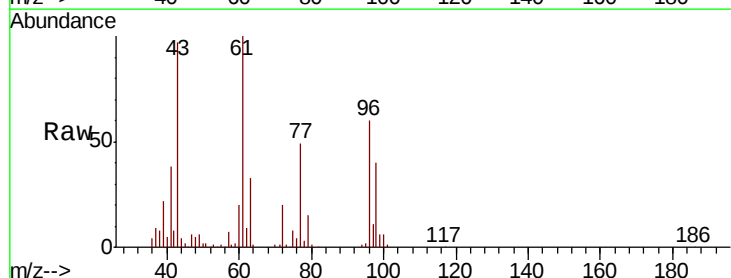
Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

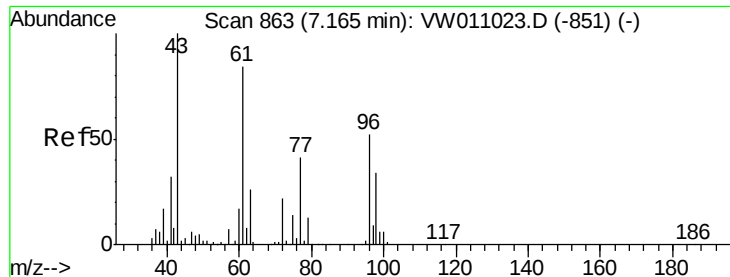
Tot Ion: 43 Resp: 91234
Ion Ratio Lower Upper
43 100
72 21.5 17.2 25.8



#26
2,2-Dichloropropane
Concen: 17.902 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 77 Resp: 47578
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.7



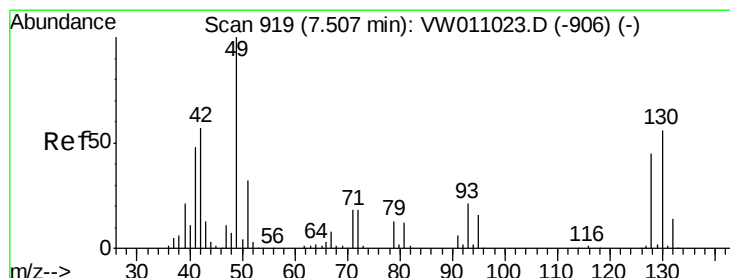
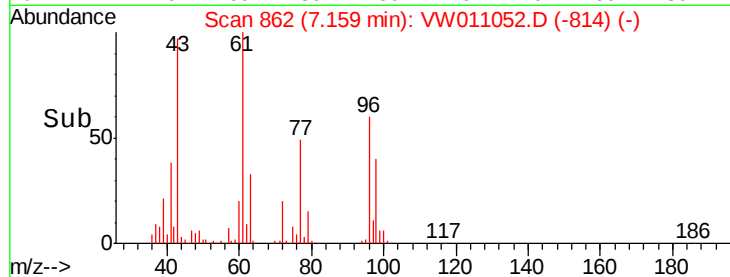
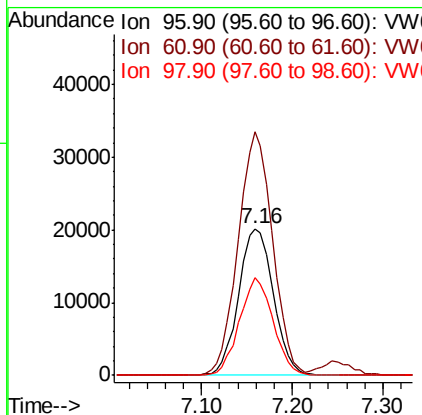
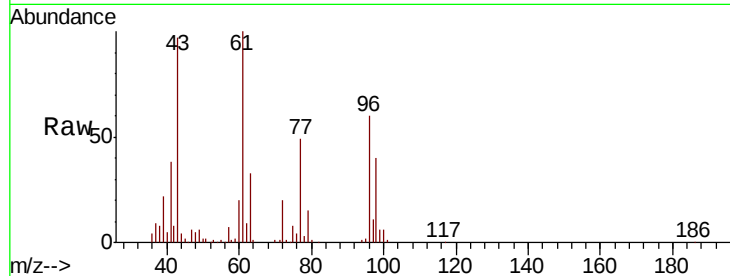


#27

cis-1,2-Dichloroethene
Concen: 19.357 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

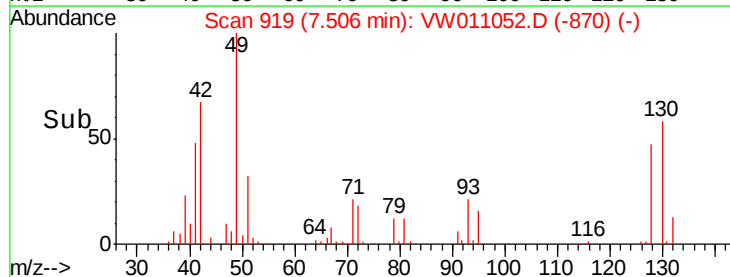
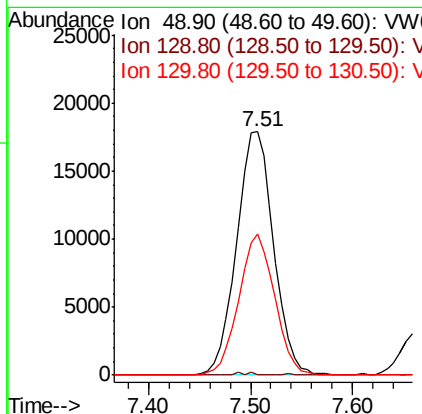
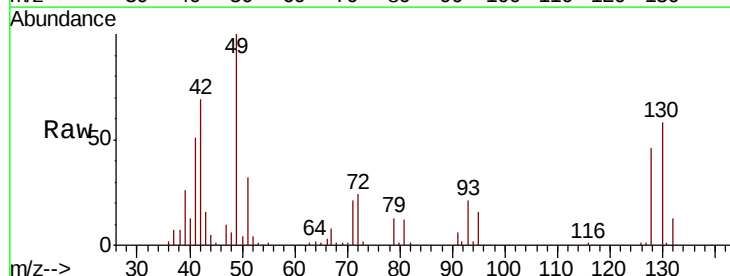
Tot Ion: 96 Resp: 53773
Ion Ratio Lower Upper
96 100
61 164.0 0.0 330.4
98 64.4 0.0 129.4

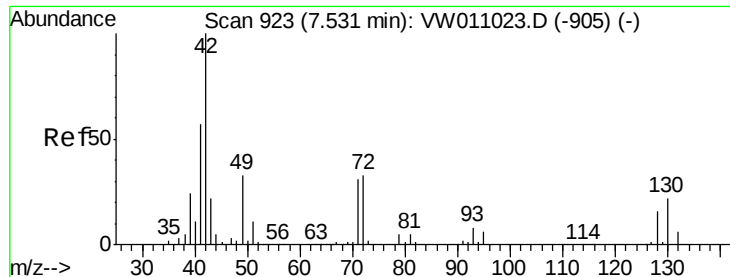


#28

Bromochloromethane
Concen: 18.875 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 49 Resp: 44978
Ion Ratio Lower Upper
49 100
129 0.4 0.0 3.4
130 56.1 46.1 69.1

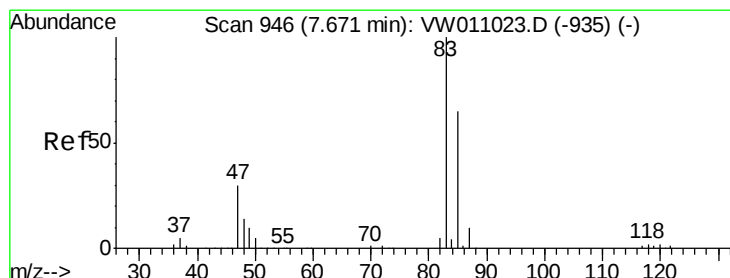
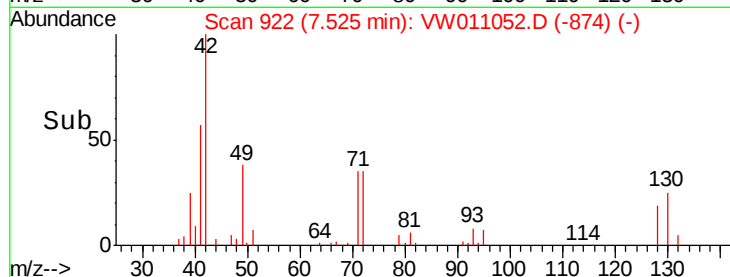
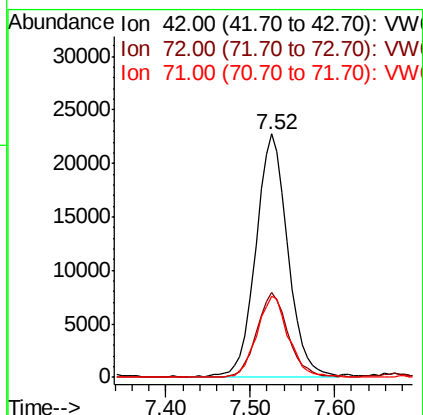
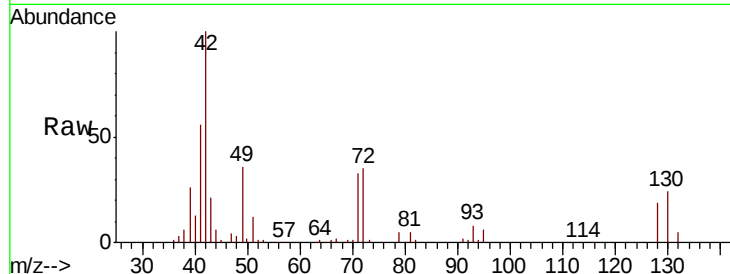




#29
Tetrahydrofuran
Concen: 88.864 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

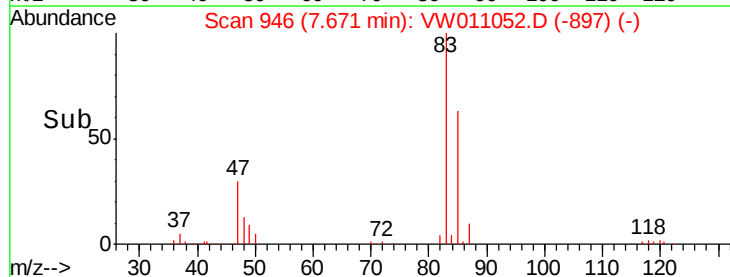
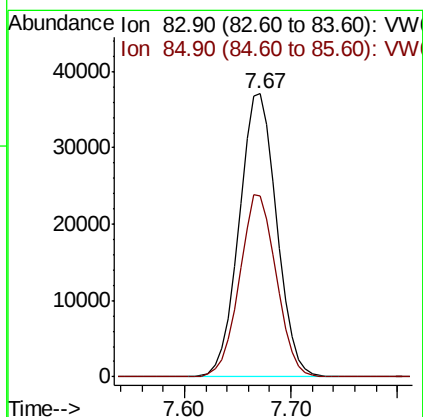
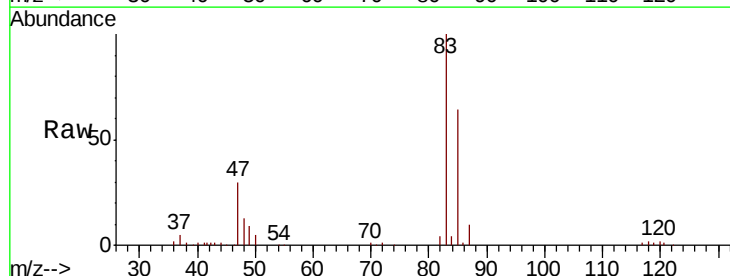
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

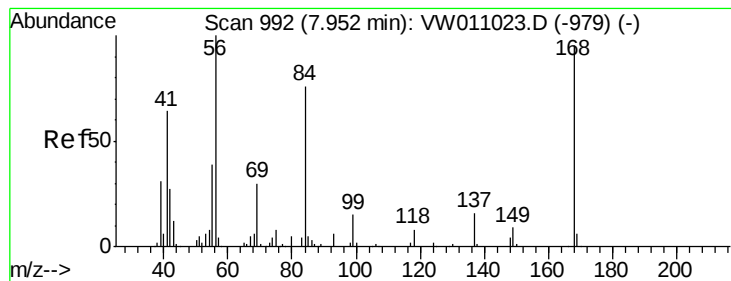
Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.4	41.0
71	33.0	25.6	38.4



#30
Chloroform
Concen: 19.719 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.2	78.4





#31

Cyclohexane

Concen: 20.398 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

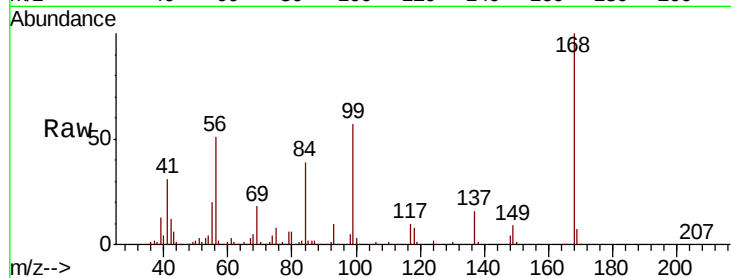
Tot Ion: 56 Resp: 112827

Ion Ratio Lower Upper

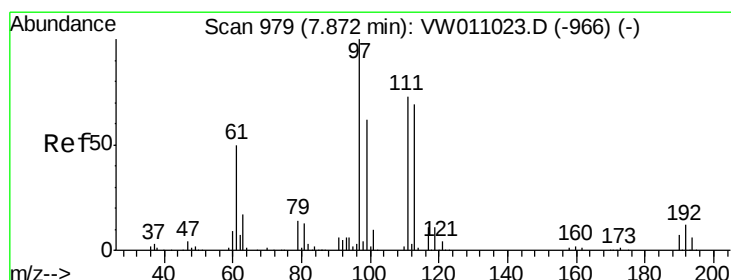
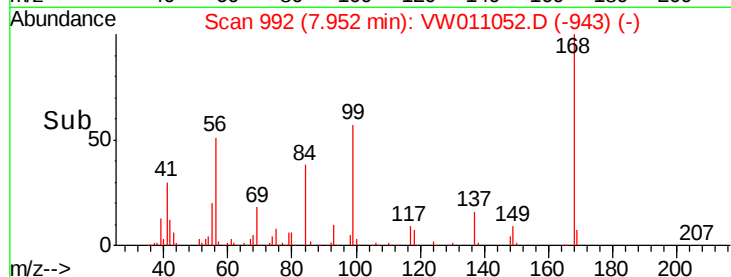
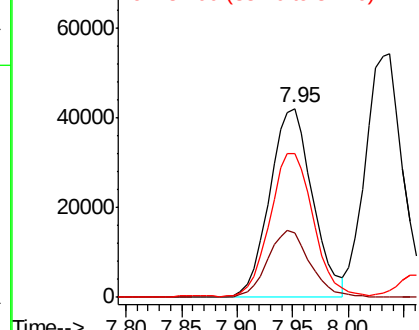
56 100

69 34.4 24.2 36.2

84 75.1 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 19.806 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

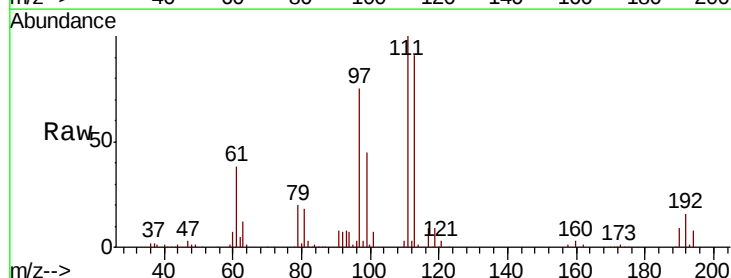
Tgt Ion: 97 Resp: 68828

Ion Ratio Lower Upper

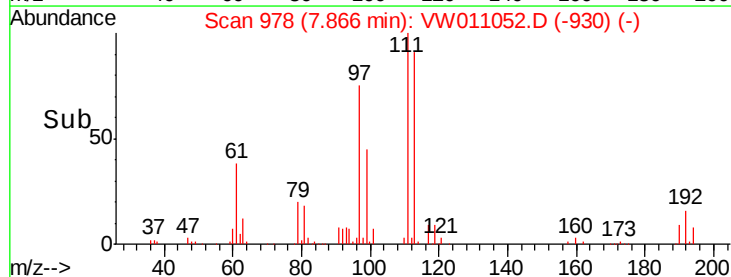
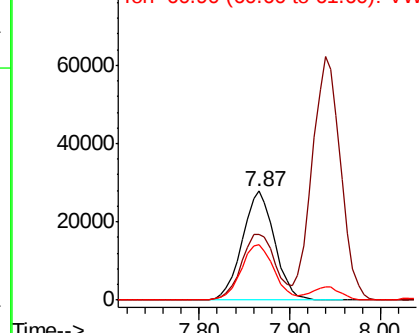
97 100

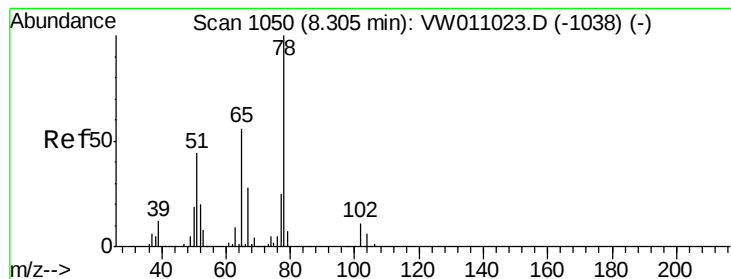
99 64.6 51.1 76.7

61 52.0 41.4 62.2



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: 48.150 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

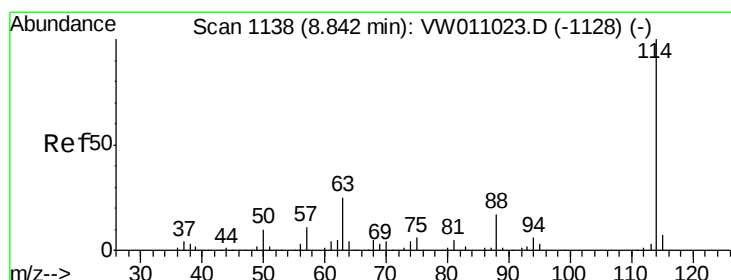
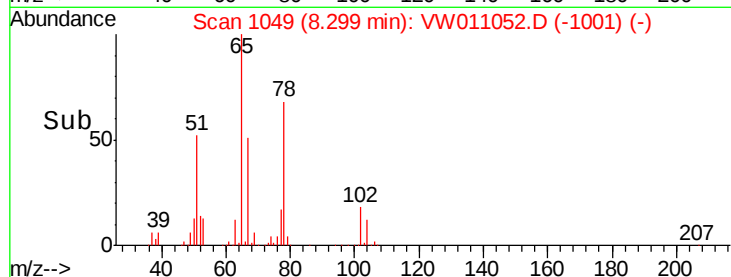
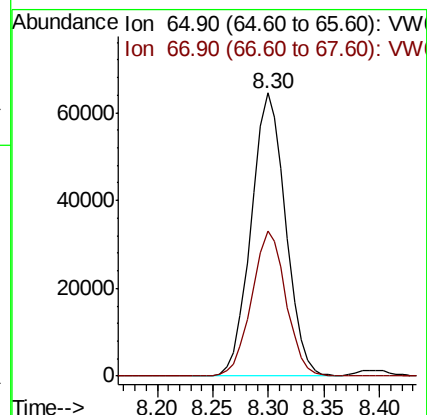
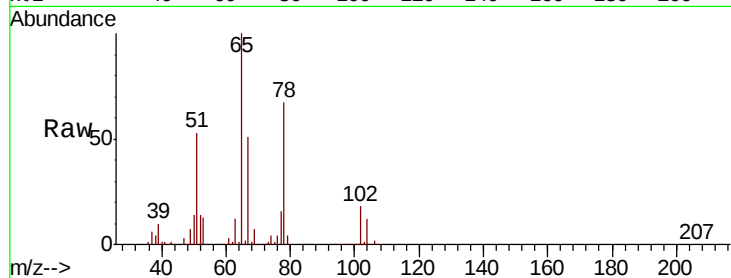
VW0629SBS01

Tot Ion: 65 Resp: 139231

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

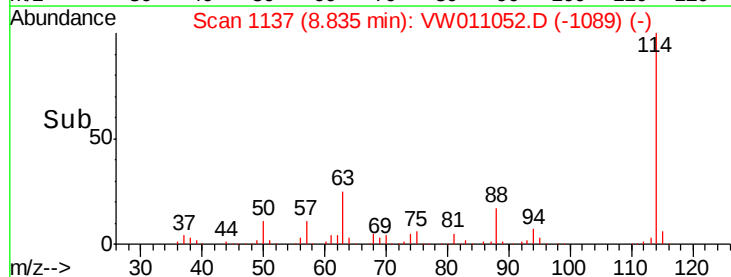
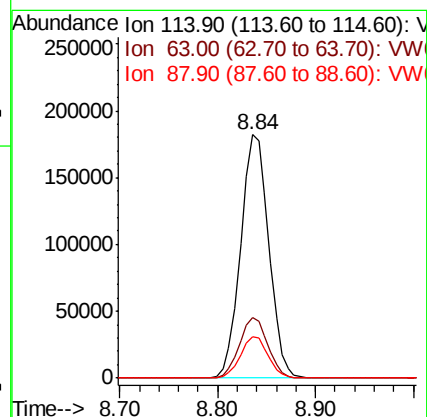
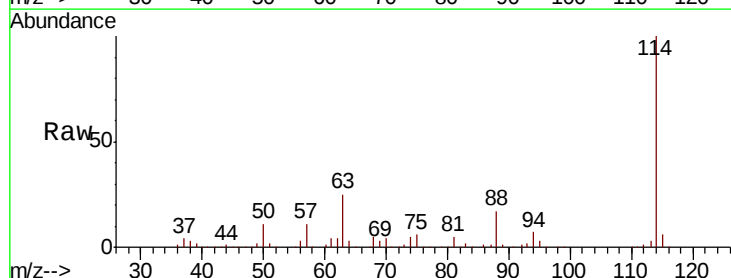
Tgt Ion: 114 Resp: 363359

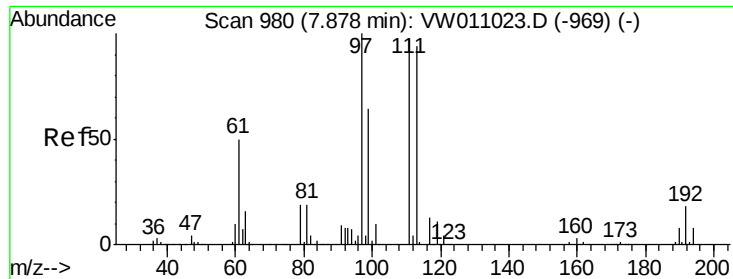
Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.6

88 16.7 0.0 34.0

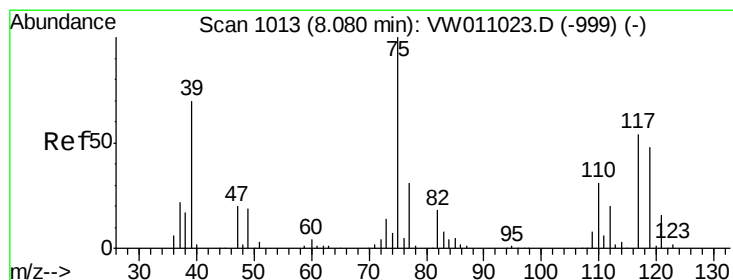
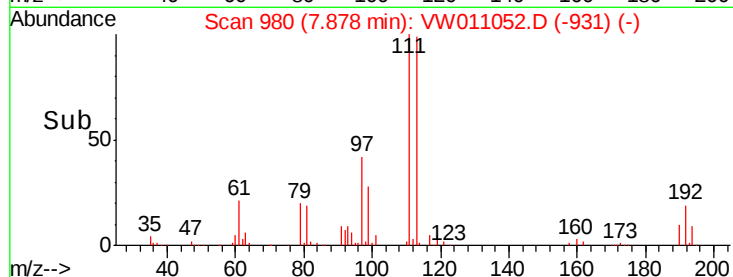
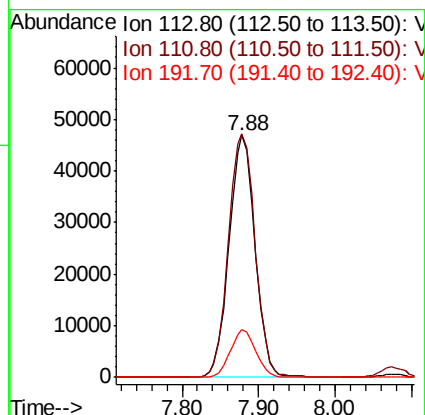
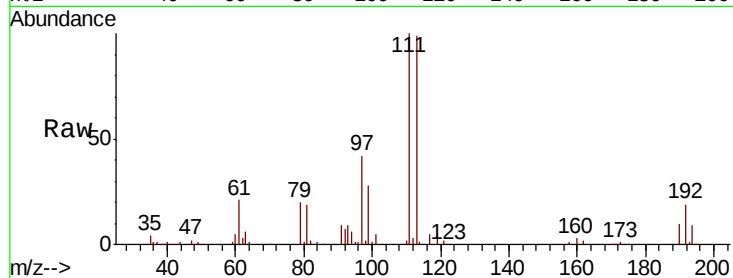




#35
 Dibromofluoromethane
 Concen: 49.430 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

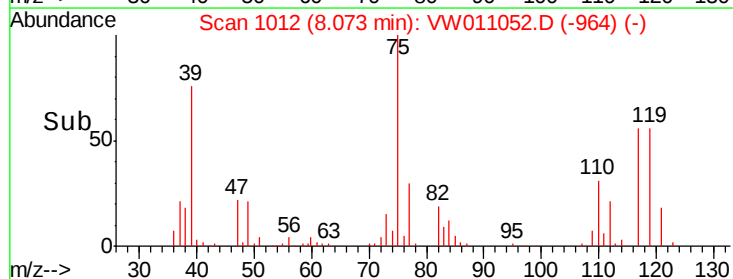
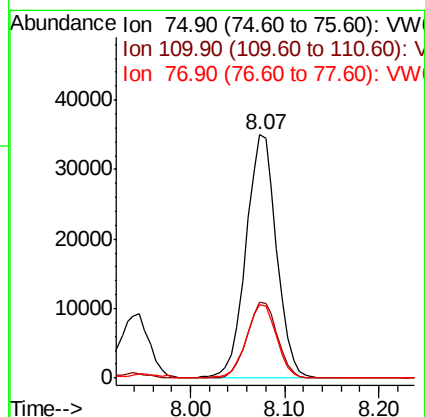
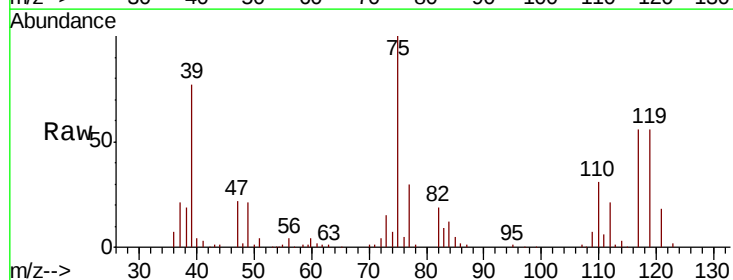
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

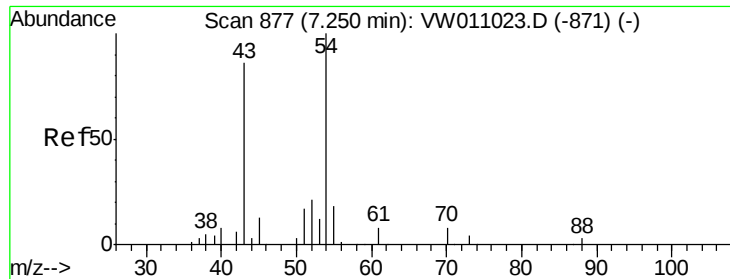
Tot Ion:113 Resp: 109676
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 19.4 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 20.418 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion: 75 Resp: 79743
 Ion Ratio Lower Upper
 75 100
 110 31.2 15.5 46.5
 77 30.1 24.9 37.3

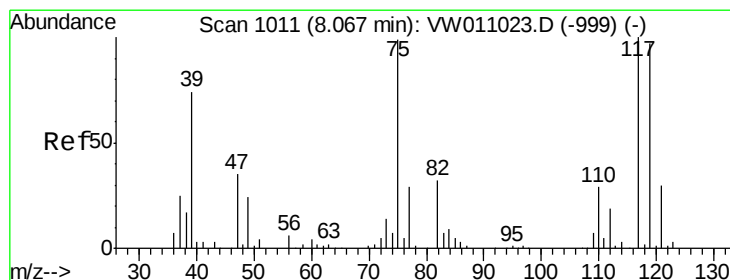
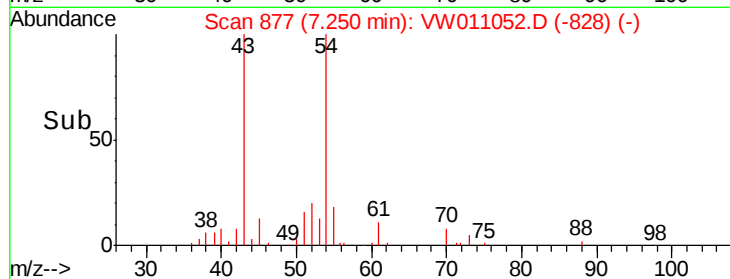
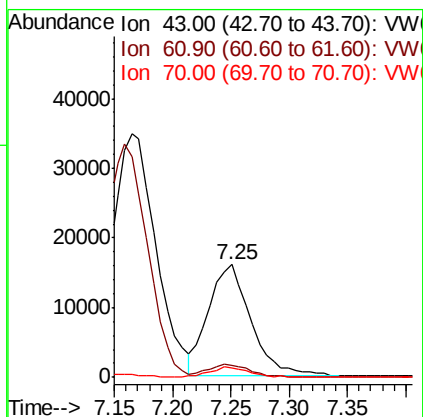
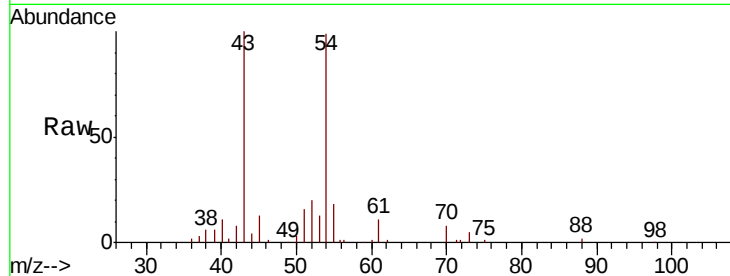




#37
Ethyl Acetate
Concen: 17.845 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

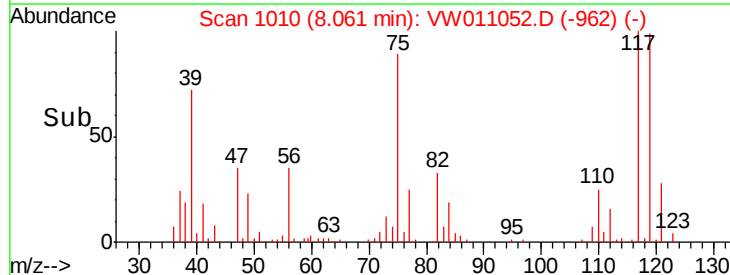
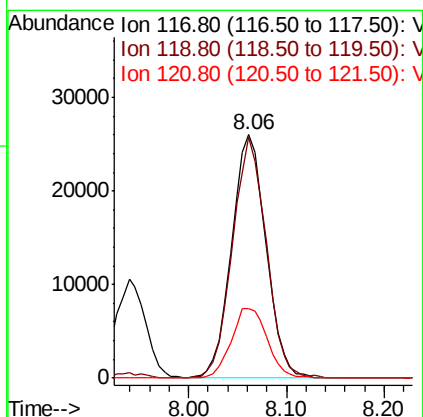
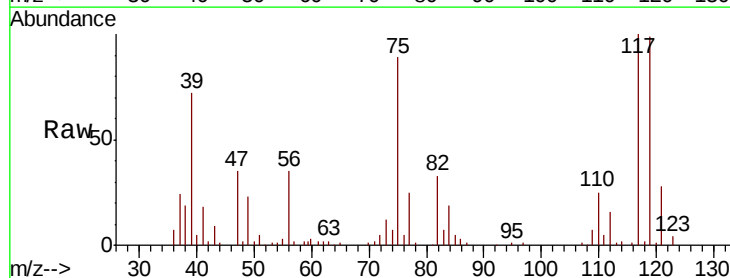
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

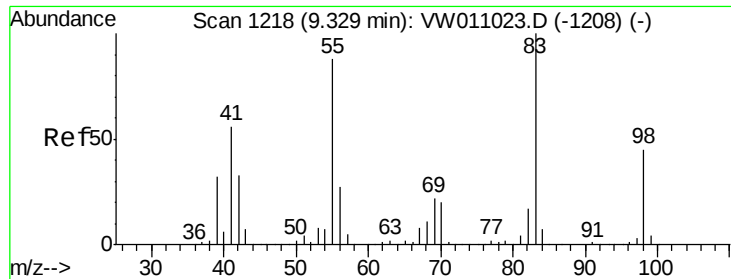
Tot Ion: 43 Resp: 40543
Ion Ratio Lower Upper
43 100
61 12.0 9.0 13.4
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.798 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 117 Resp: 63675
Ion Ratio Lower Upper
117 100
119 99.1 77.7 116.5
121 28.4 23.9 35.9

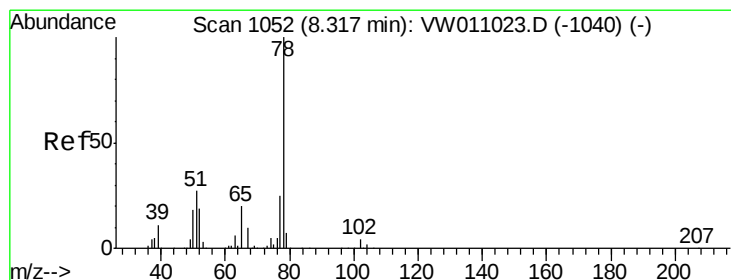
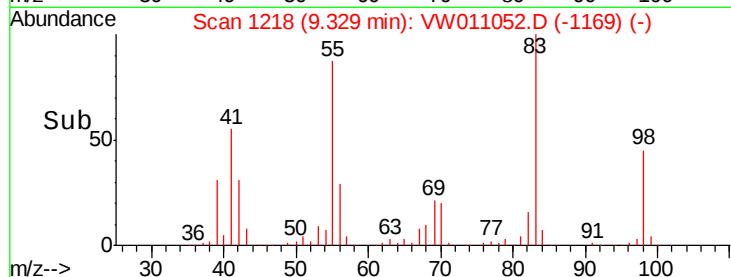
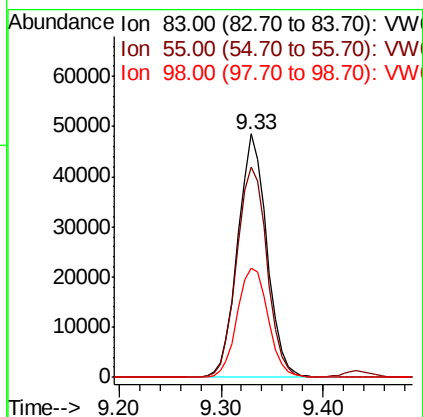
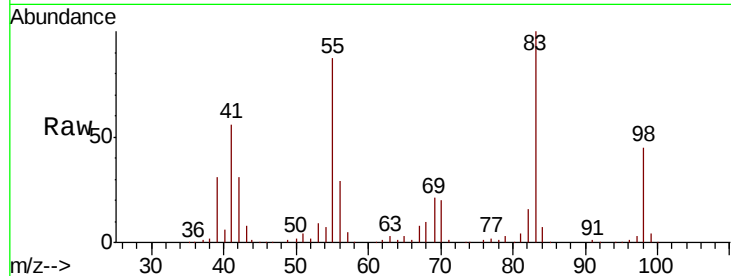




#39
Methvlcvclohexane
Concen: 20.027 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

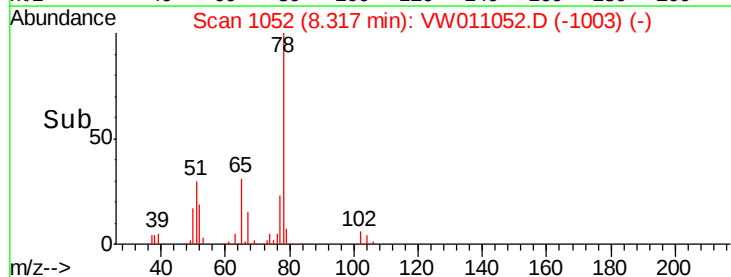
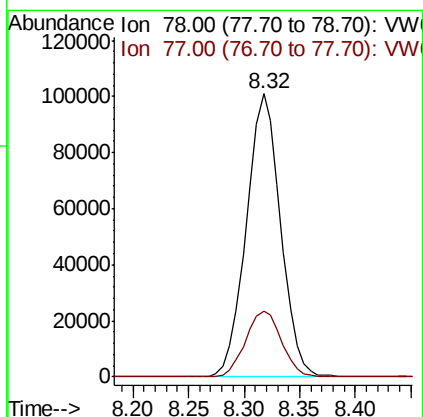
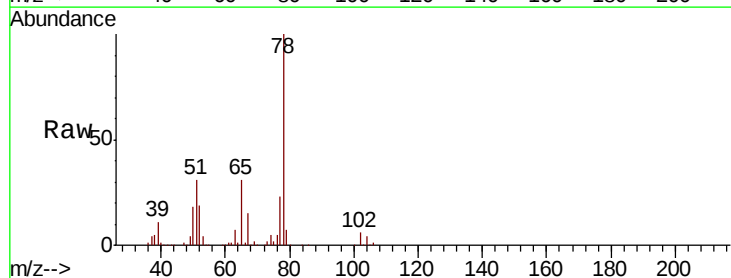
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

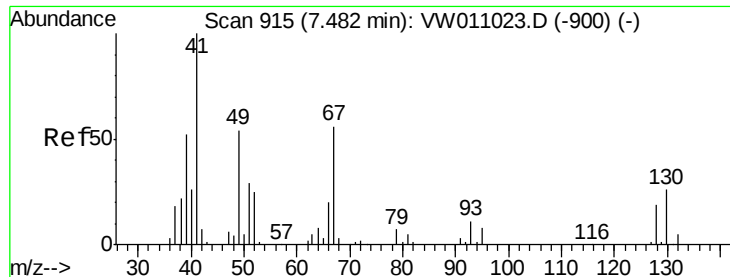
Tot Ion: 83 Resp: 96258
Ion Ratio Lower Upper
83 100
55 86.6 70.7 106.1
98 45.0 36.4 54.6



#40
Benzene
Concen: 20.119 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 78 Resp: 216117
Ion Ratio Lower Upper
78 100
77 23.2 19.7 29.5

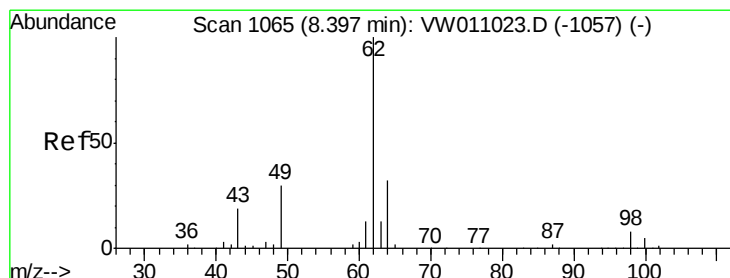
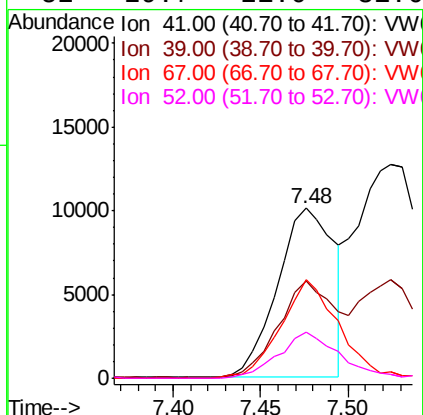
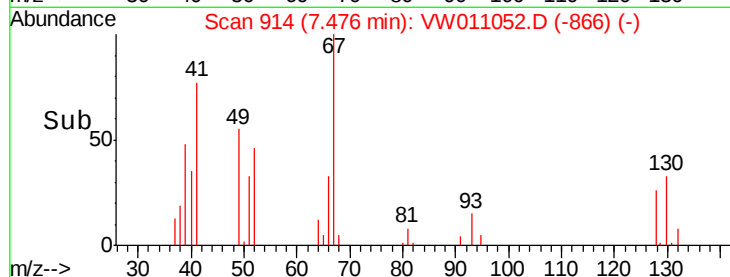
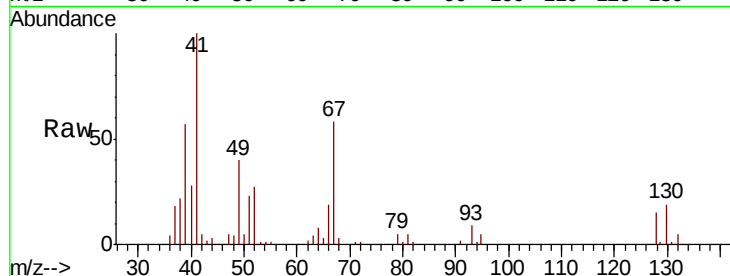




#41
Methacrylonitrile
Concen: 16.520 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

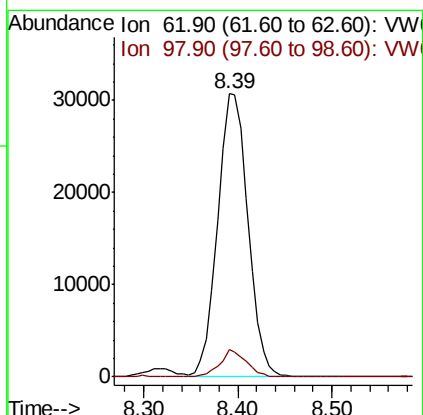
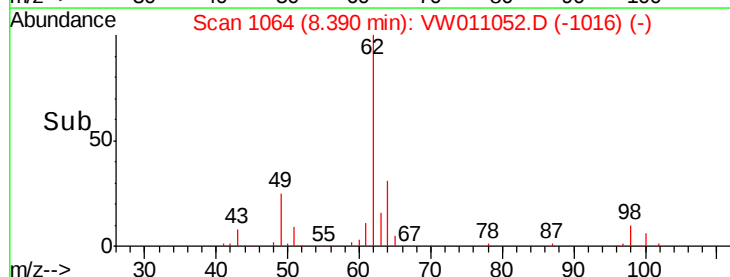
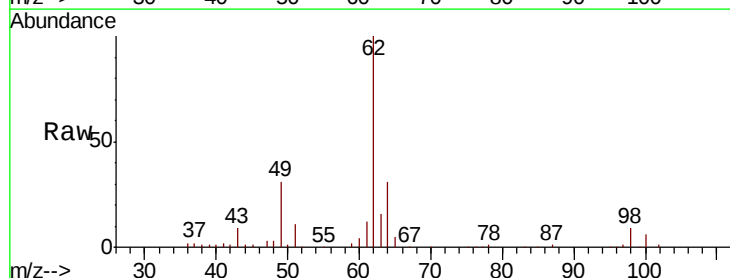
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

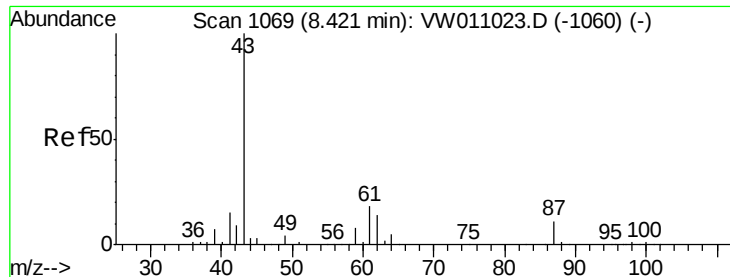
Tot Ion:	41	Resp:	22835
Ion	Ratio	Lower	Upper
41	100		
39	61.5	42.1	63.1
67	60.7	44.2	66.2
52	29.7	21.0	31.6



#42
1,2-Dichloroethane
Concen: 19.522 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:	62	Resp:	68757
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 17.699 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

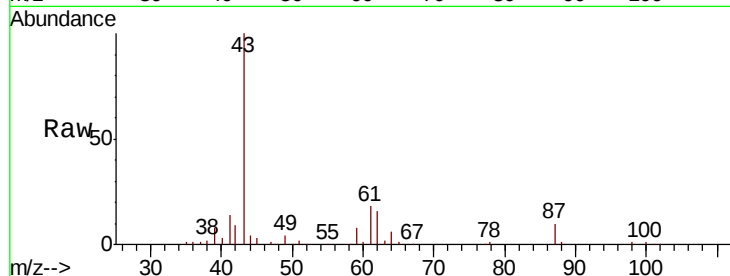
Tot Ion: 43 Resp: 76071

Ion Ratio Lower Upper

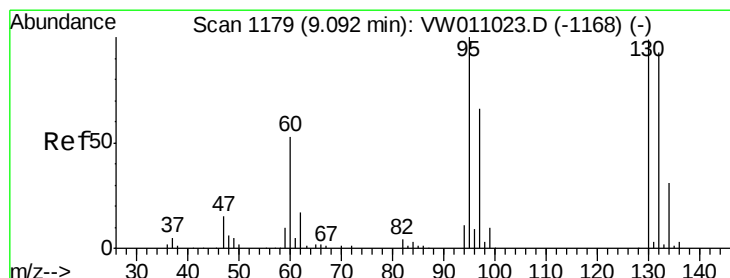
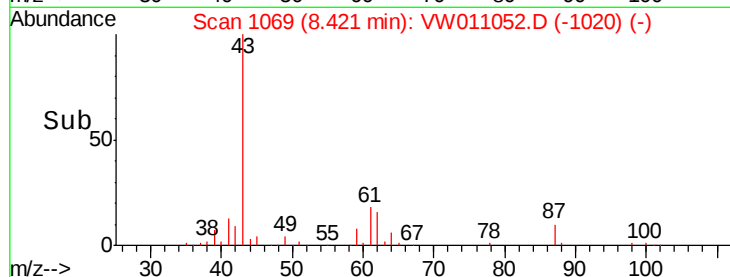
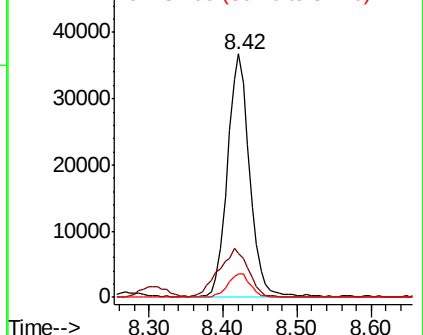
43 100

61 26.8 21.0 31.6

87 10.0 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.966 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011052.D

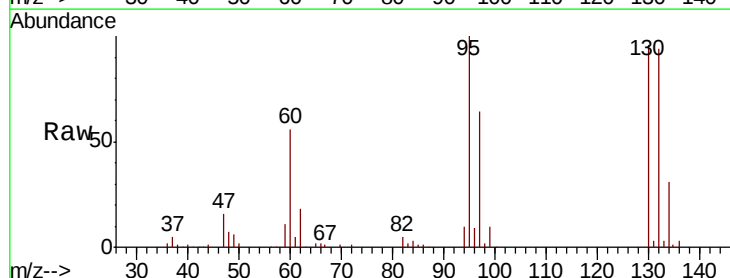
Acq: 28 Jun 2019 11:12

Tgt Ion:130 Resp: 51833

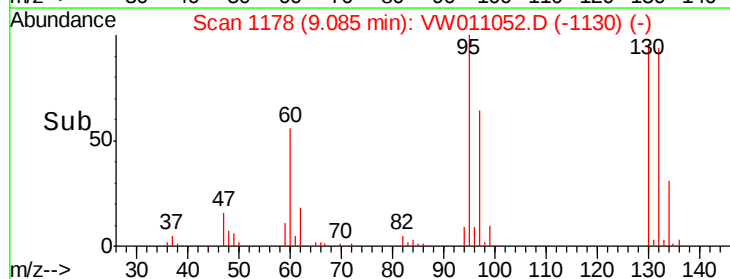
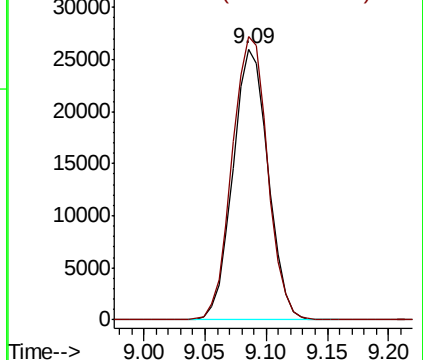
Ion Ratio Lower Upper

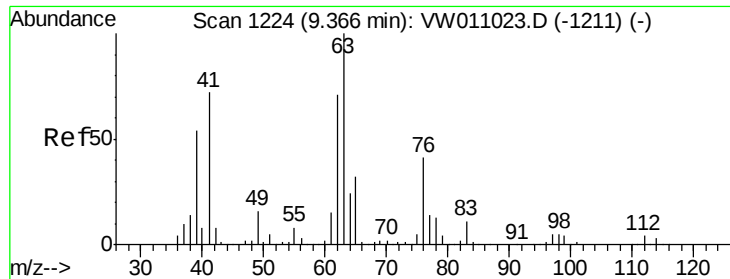
130 100

95 104.6 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 19.565 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

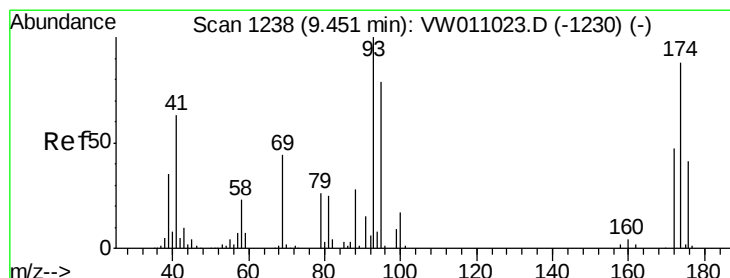
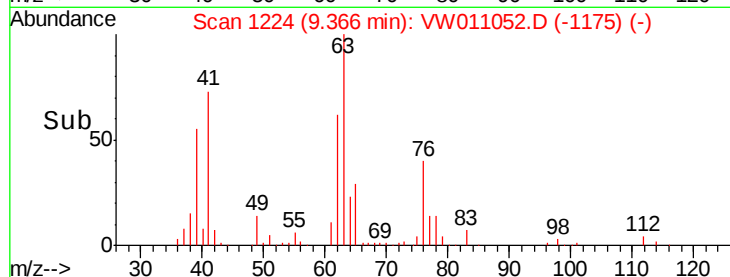
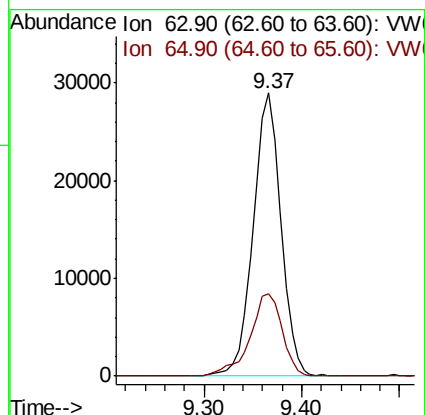
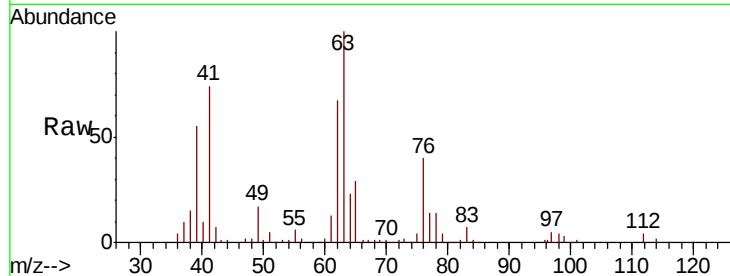
VW0629SBS01

Tot Ion: 63 Resp: 57071

Ion Ratio Lower Upper

63 100

65 29.1 25.6 38.4



#46

Dibromomethane

Concen: 18.506 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

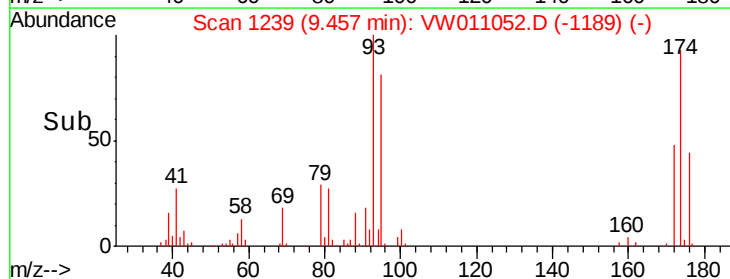
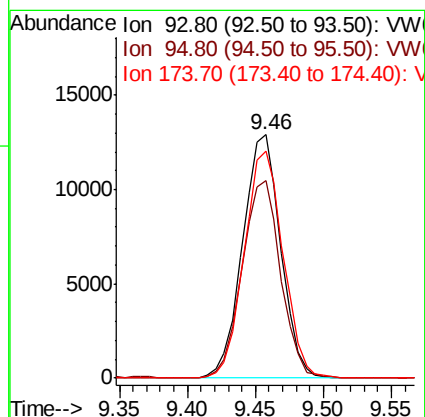
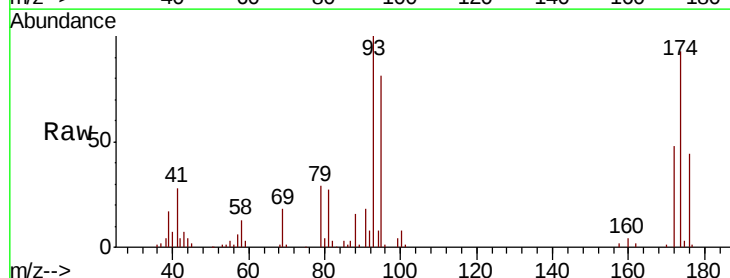
Tgt Ion: 93 Resp: 25246

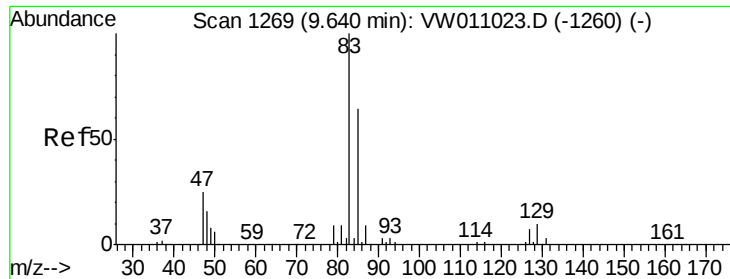
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 95.3 75.4 113.0

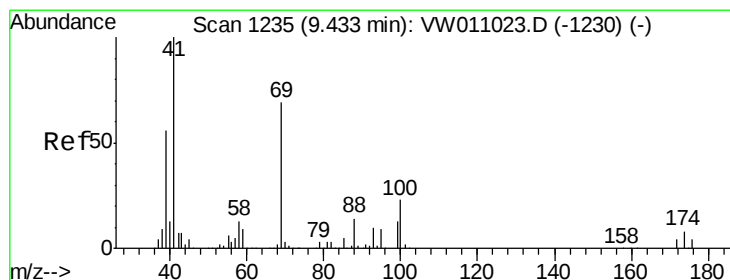
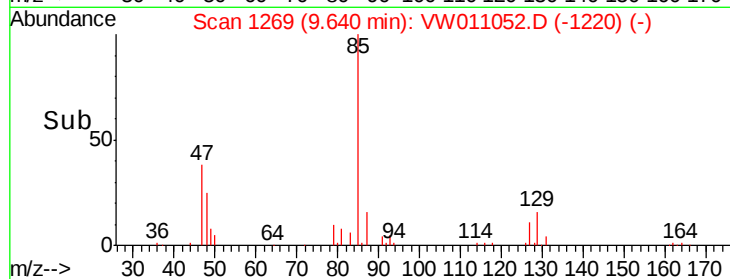
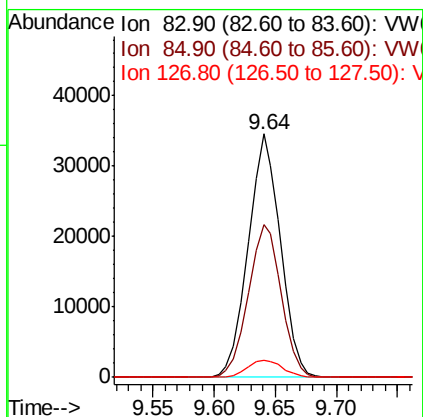
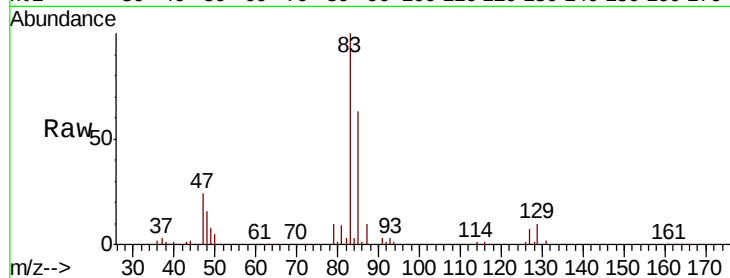




#47
Bromodichloromethane
Concen: 18.769 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

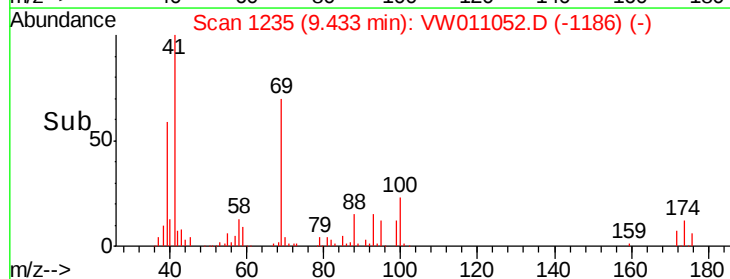
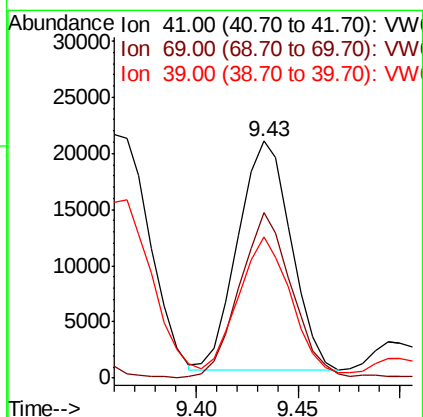
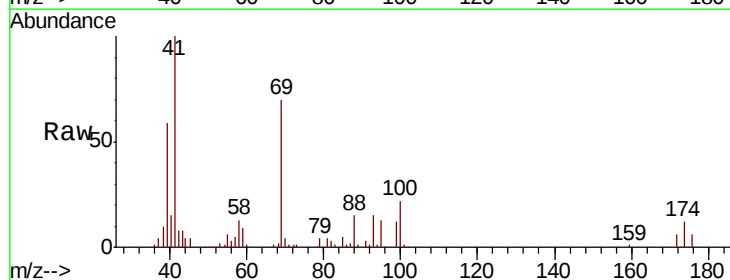
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

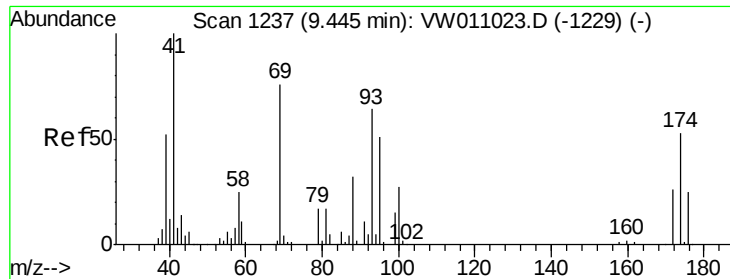
Tot Ion	83	Resp	63396
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.0	76.4
127	7.0	5.8	8.8



#48
Methyl methacrylate
Concen: 17.630 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion	41	Resp	36740
Ion Ratio	Lower	Upper	
41	100		
69	72.6	56.7	85.1
39	57.2	45.0	67.6





#49

1,4-Dioxane

Concen: 357.966 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

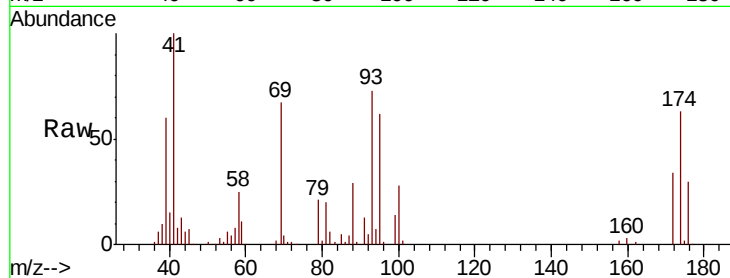
Tot Ion: 88 Resp: 8211

Ion Ratio Lower Upper

88 100

43 46.5 34.4 51.6

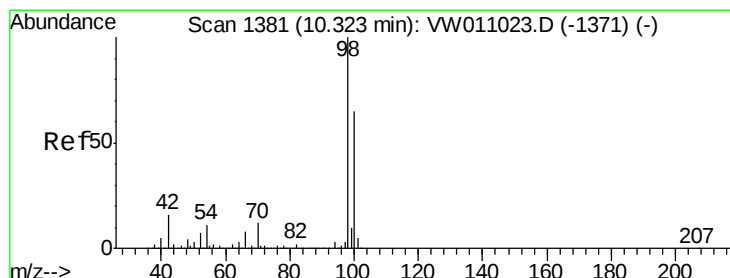
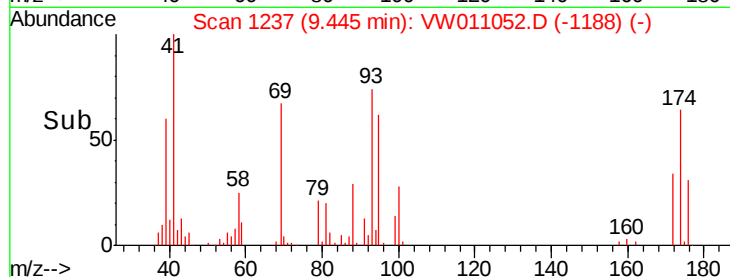
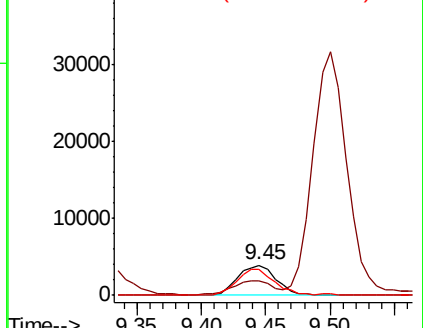
58 84.5 65.2 97.8



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: 51.126 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011052.D

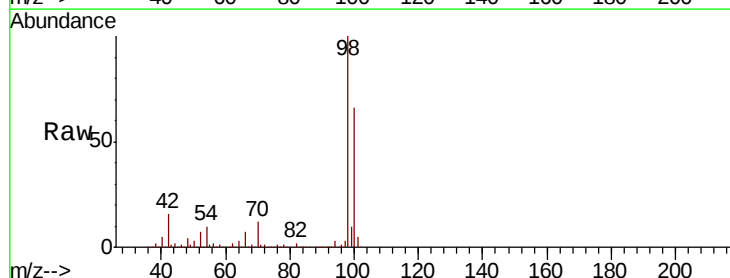
Acq: 28 Jun 2019 11:12

Tgt Ion: 98 Resp: 466950

Ion Ratio Lower Upper

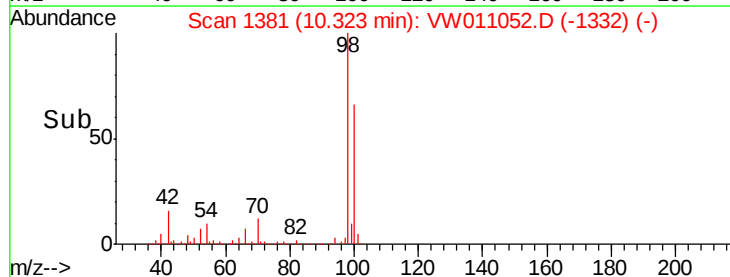
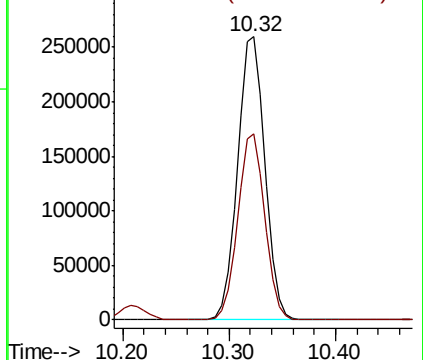
98 100

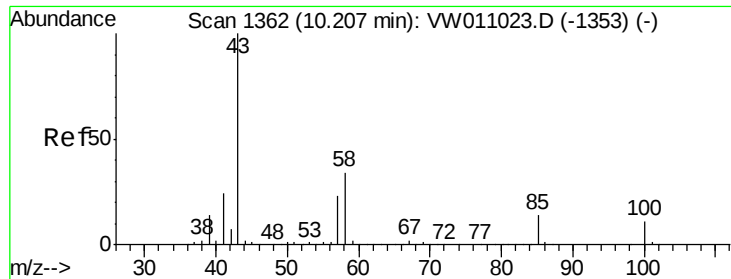
100 65.0 52.3 78.5



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: 88.711 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

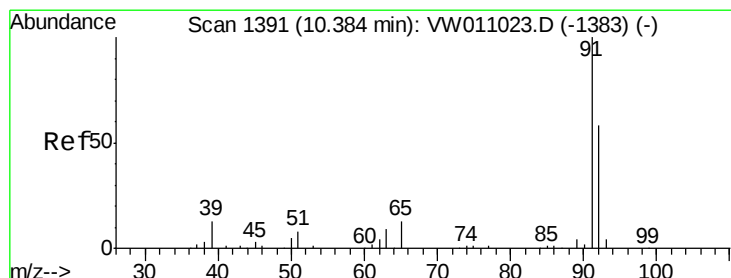
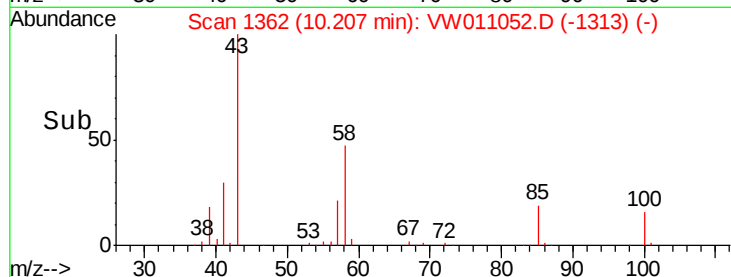
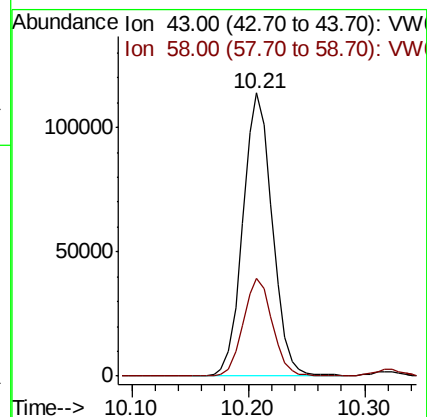
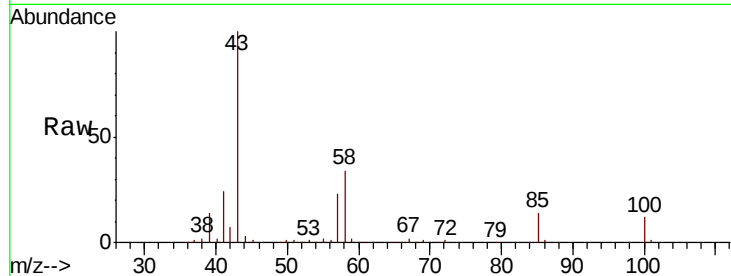
VW0629SBS01

Tot Ion: 43 Resp: 200702

Ion Ratio Lower Upper

43 100

58 34.3 27.8 41.6



#52

Toluene

Concen: 20.004 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011052.D

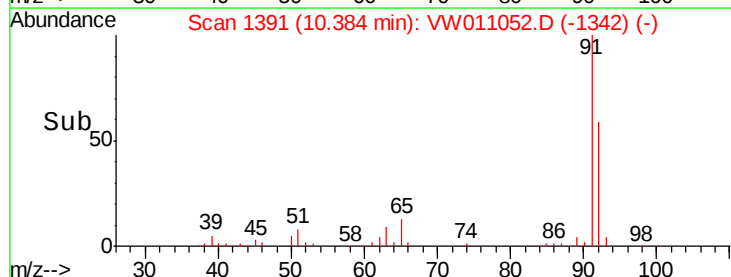
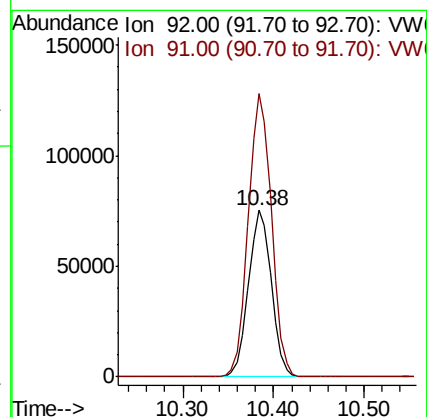
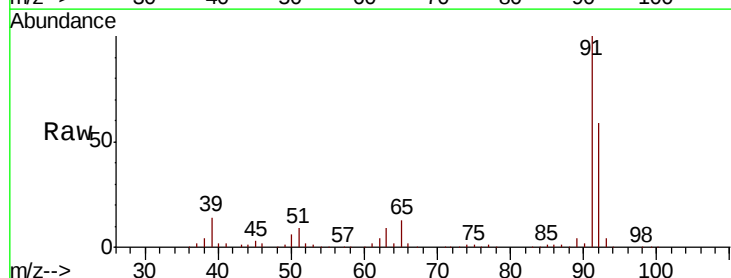
Acq: 28 Jun 2019 11:12

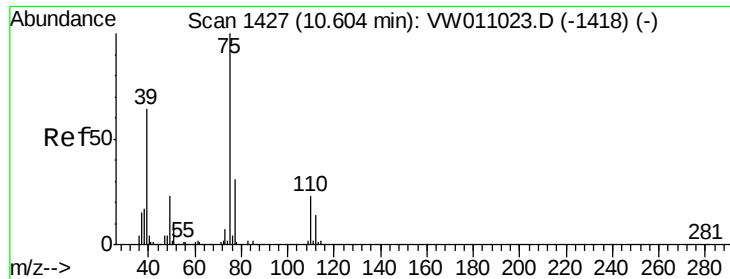
Tgt Ion: 92 Resp: 131553

Ion Ratio Lower Upper

92 100

91 172.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.192 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

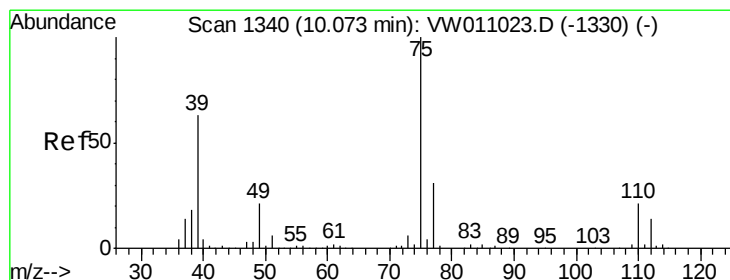
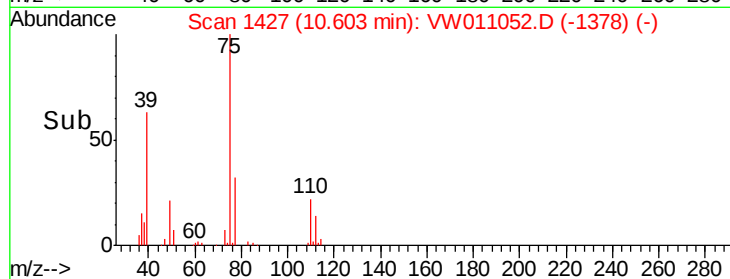
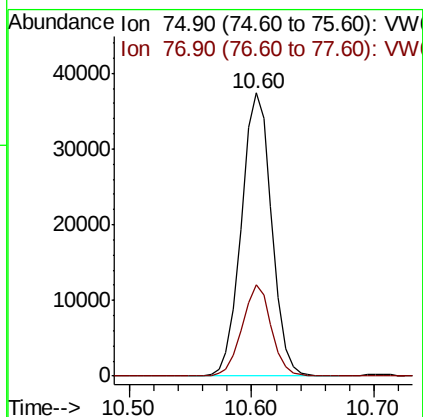
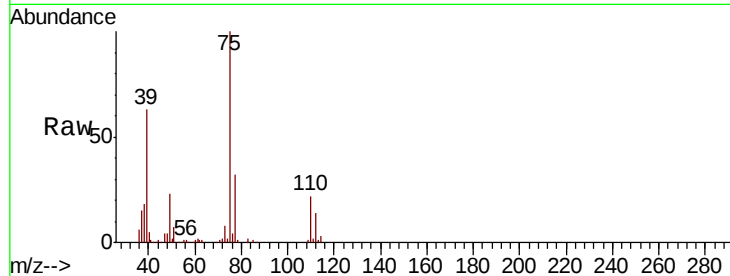
VW0629SBS01

Tot Ion: 75 Resp: 64002

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 18.840 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

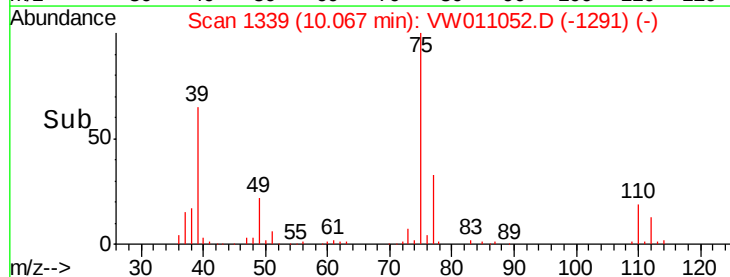
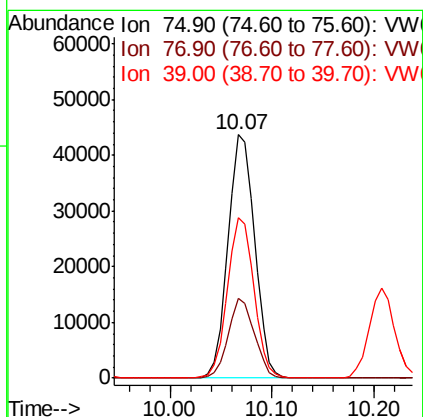
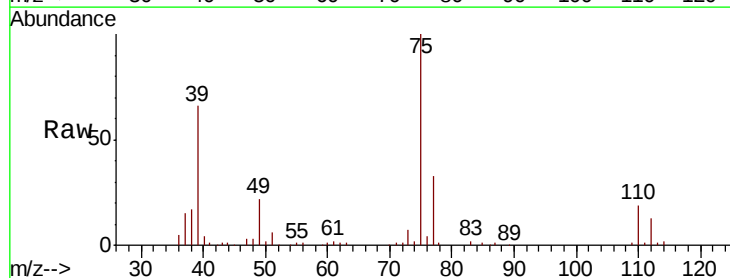
Tgt Ion: 75 Resp: 79067

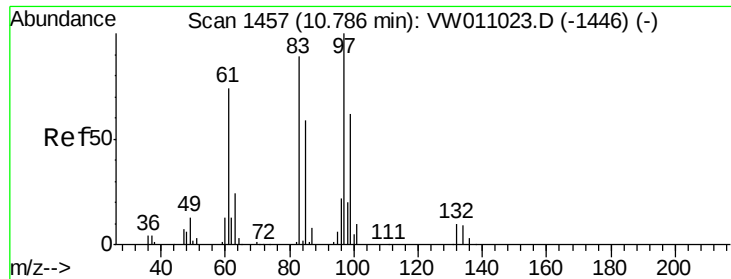
Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 65.5 50.0 75.0

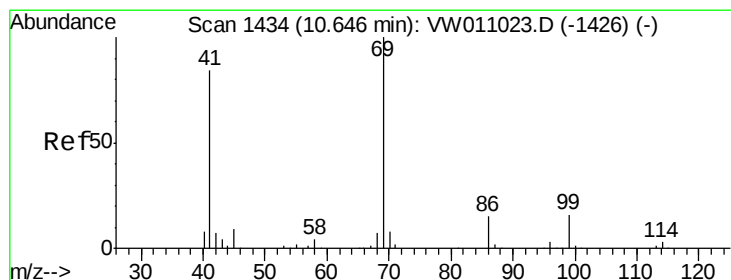
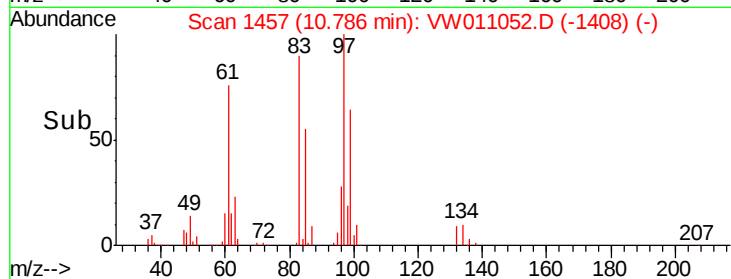
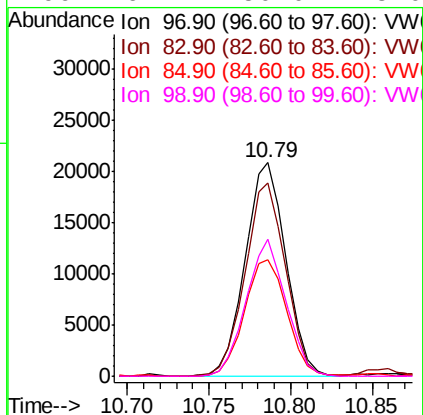
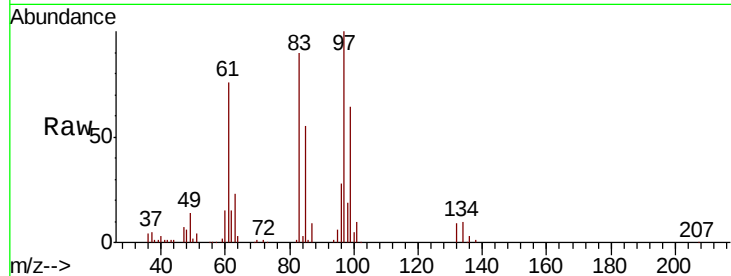




#55
 1,1,2-Trichloroethane
 Concen: 18.769 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

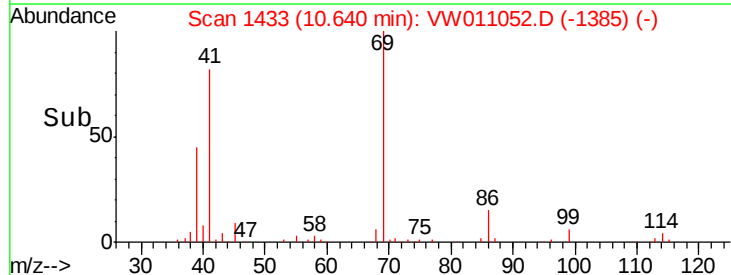
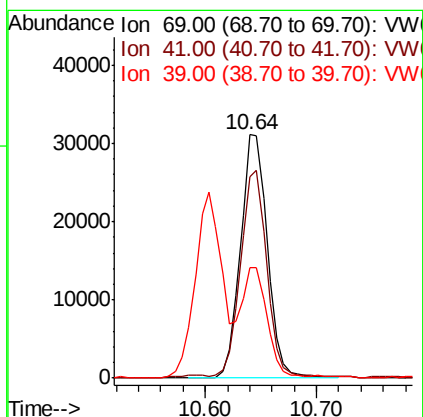
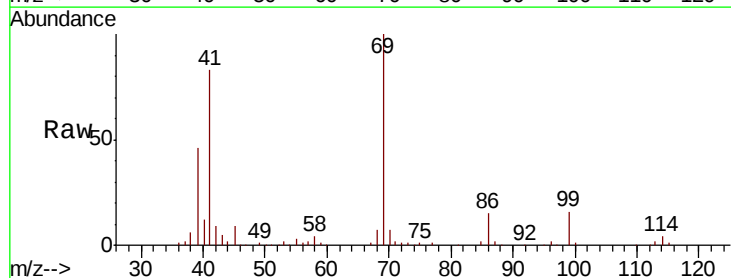
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

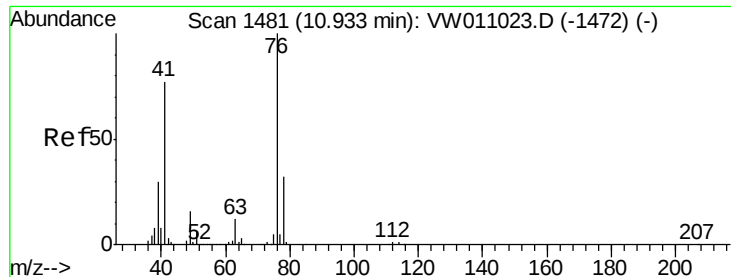
Tot Ion:	97	Resp:	36176
Ion	Ratio	Lower	Upper
97	100		
83	90.3	70.9	106.3
85	54.6	47.2	70.8
99	64.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.099 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion:	69	Resp:	52239
Ion	Ratio	Lower	Upper
69	100		
41	83.4	67.9	101.9
39	40.0	33.2	49.8

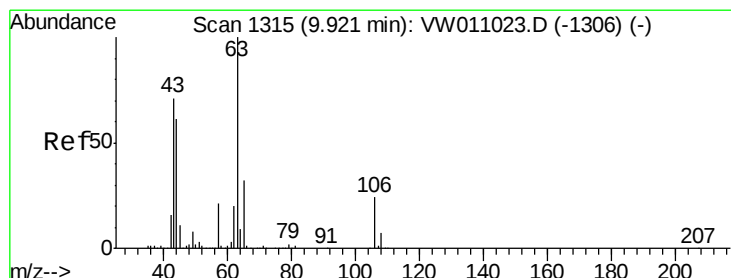
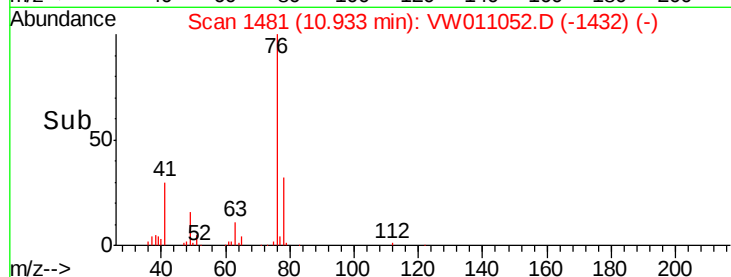
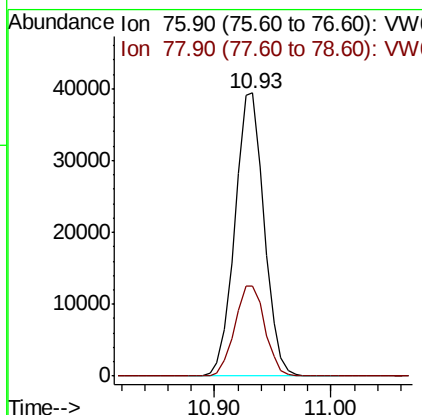
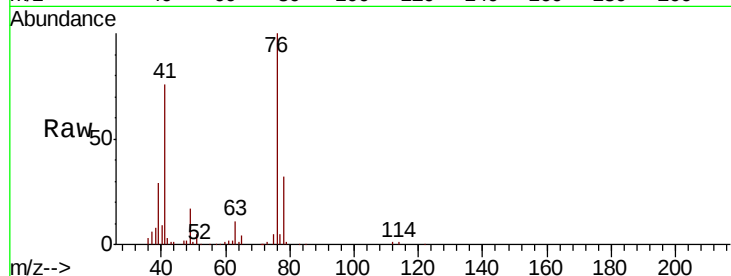




#57
 1,3-Dichloropropane
 Concen: 18.777 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

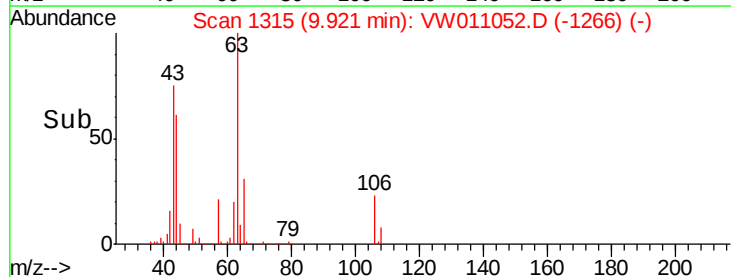
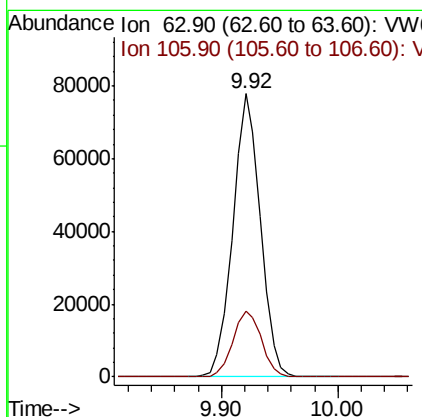
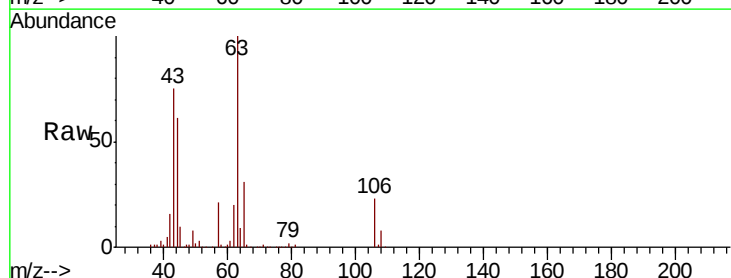
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

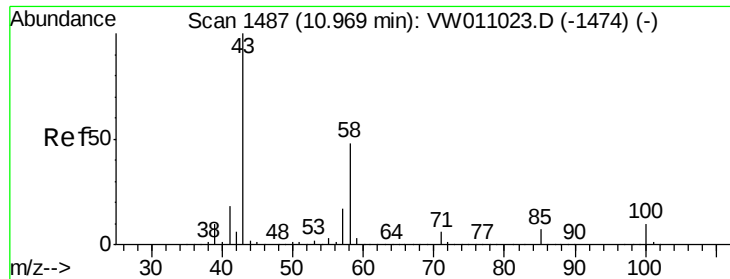
Tot Ion: 76 Resp: 68842
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.577 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion: 63 Resp: 127891
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.4 29.0





#59

2-Hexanone

Concen: 87.613 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampled :

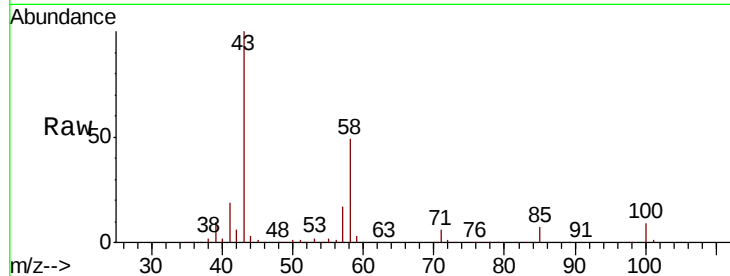
VW0629SBS01

Tot Ion: 43 Resp: 138230

Ion Ratio Lower Upper

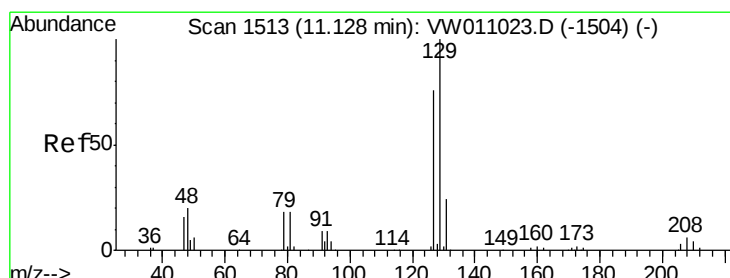
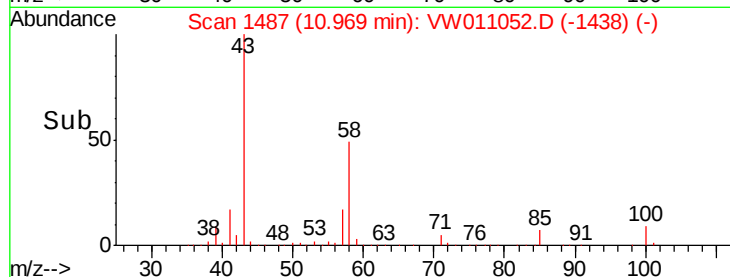
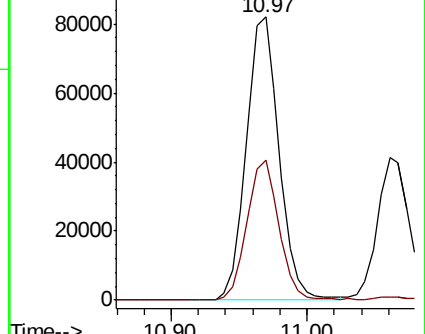
43 100

58 48.7 23.8 71.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 18.186 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011052.D

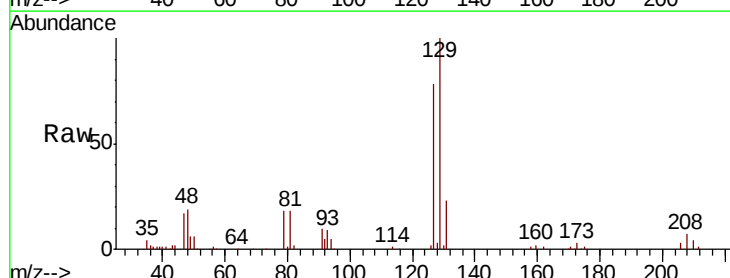
Acq: 28 Jun 2019 11:12

Tgt Ion: 129 Resp: 36756

Ion Ratio Lower Upper

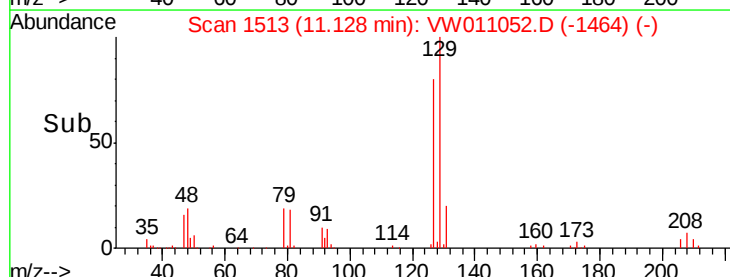
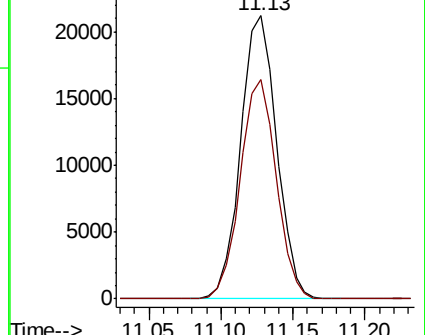
129 100

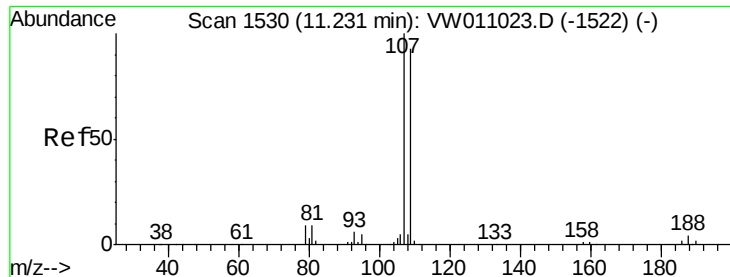
127 77.6 39.4 118.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

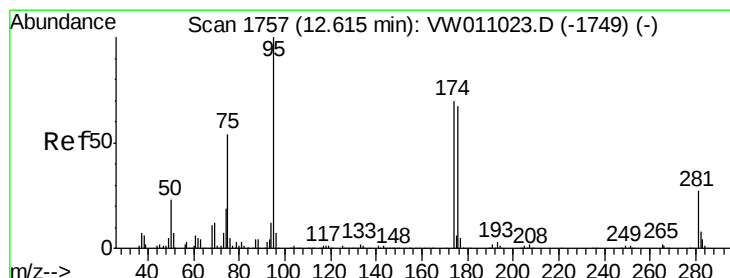
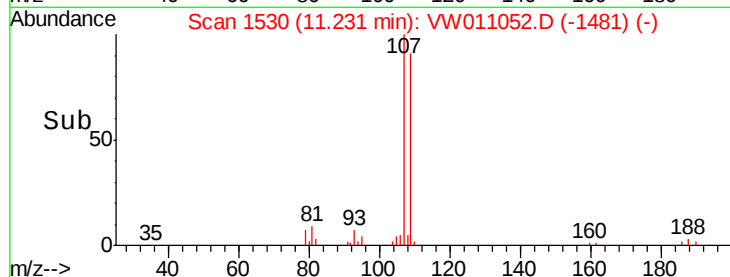
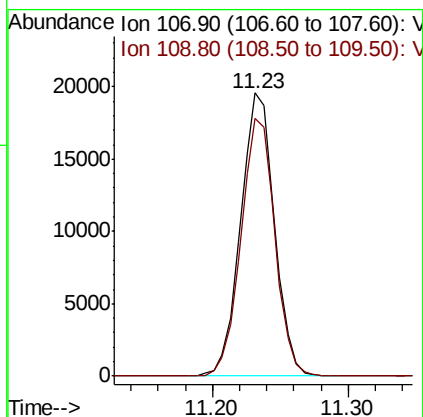
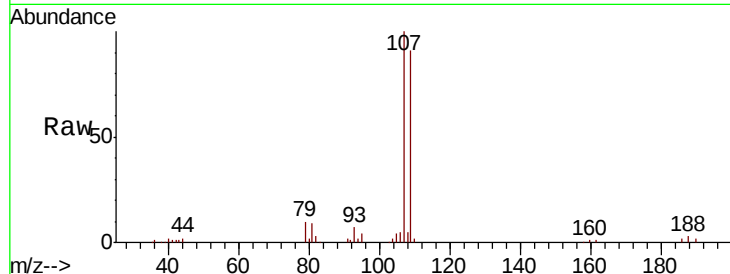




#61
 1,2-Dibromoethane
 Concen: 18.766 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

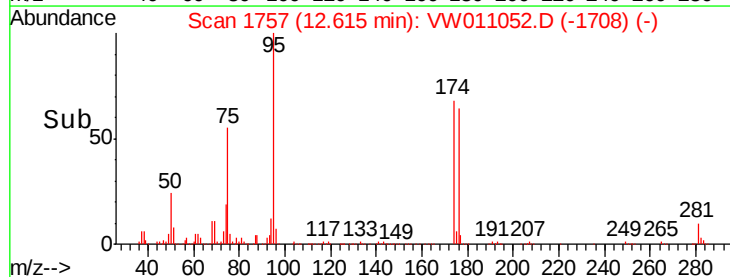
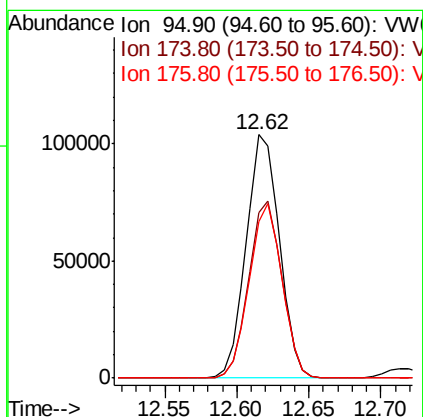
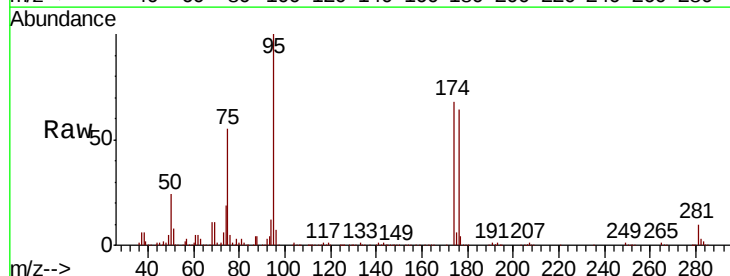
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

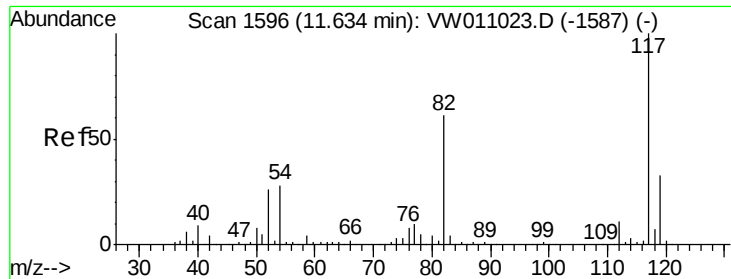
Tot Ion: 107 Resp: 33861
 Ion Ratio Lower Upper
 107 100
 109 91.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.782 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion: 95 Resp: 166297
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 149.2
 176 70.5 0.0 143.6

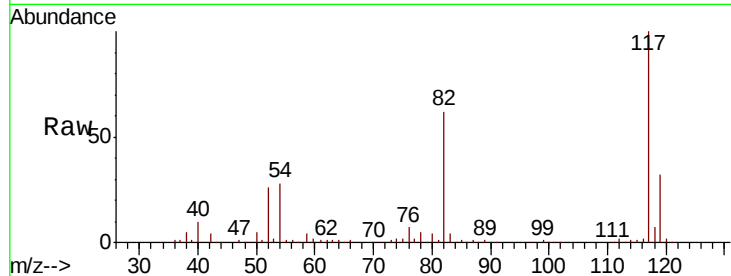




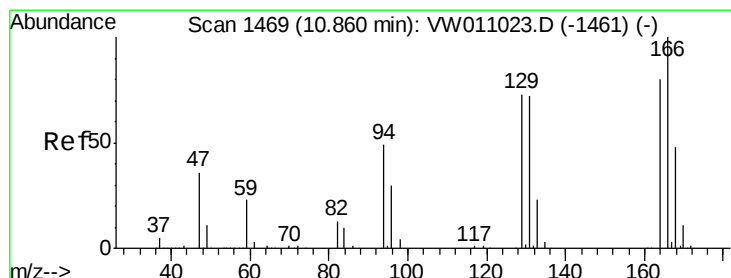
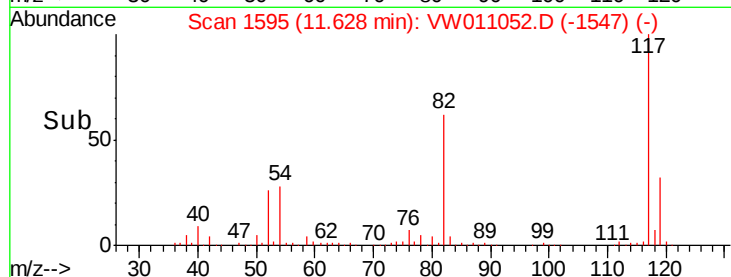
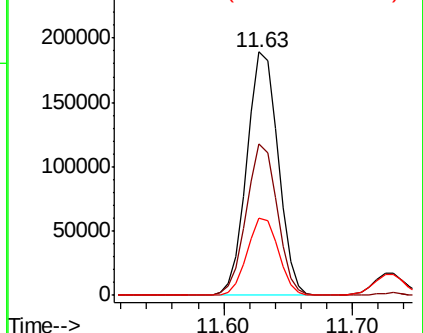
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion:117 Resp: 317446
Ion Ratio Lower Upper
117 100
82 62.1 48.6 73.0
119 31.7 26.1 39.1



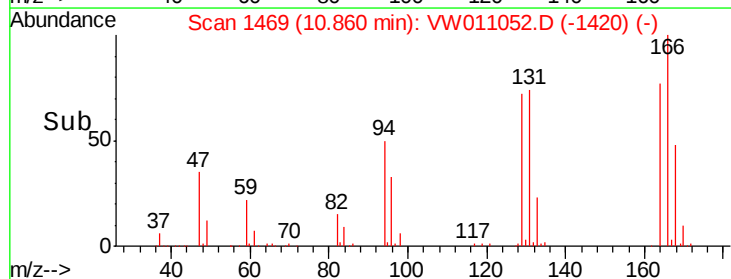
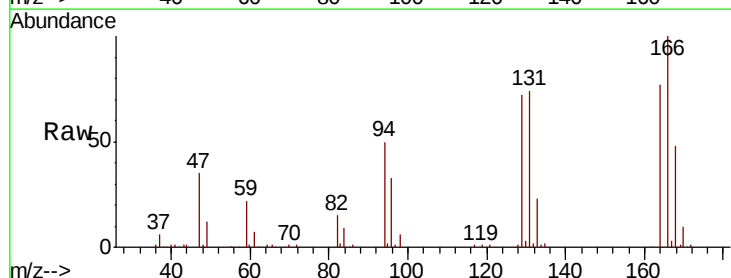
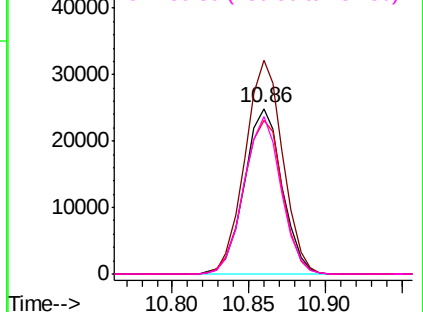
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

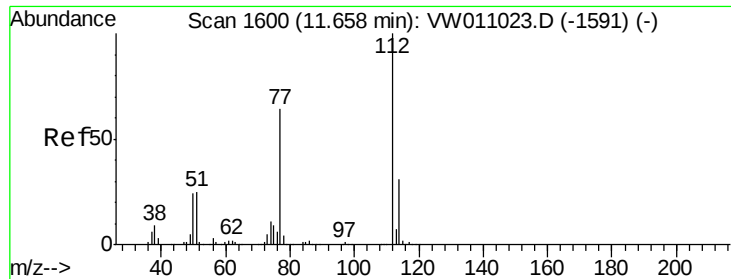


#64
Tetrachloroethene
Concen: 19.550 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:164 Resp: 42708
Ion Ratio Lower Upper
164 100
166 129.2 99.8 149.6
129 93.1 73.0 109.4
131 95.0 71.4 107.0

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

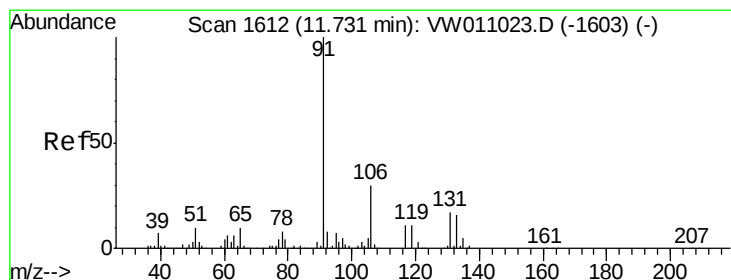
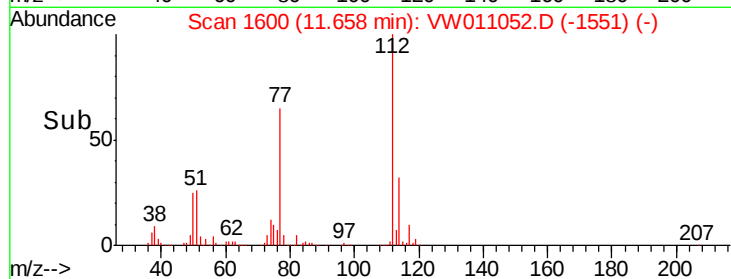
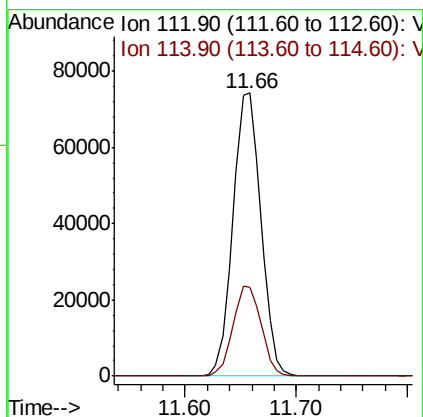
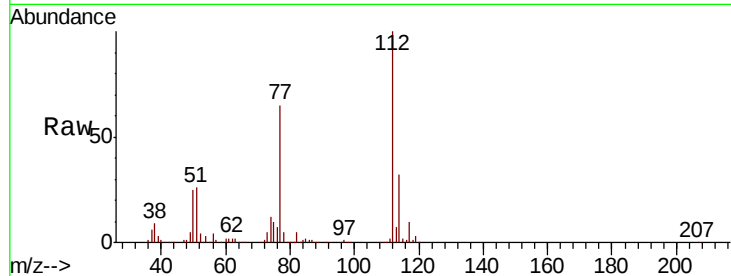




#65
Chlorobenzene
Concen: 19.908 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

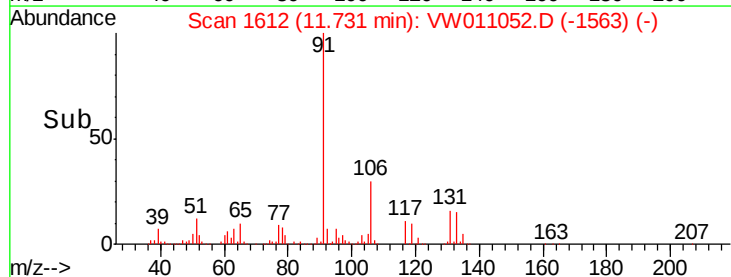
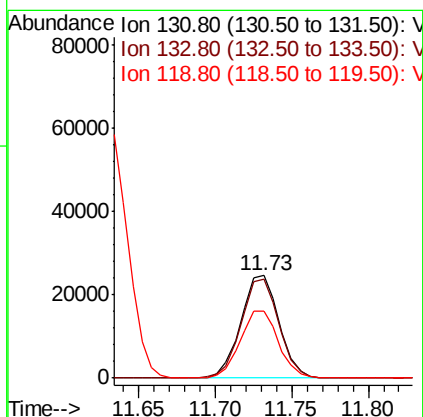
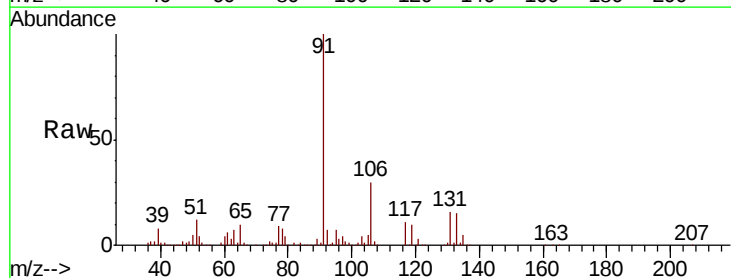
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

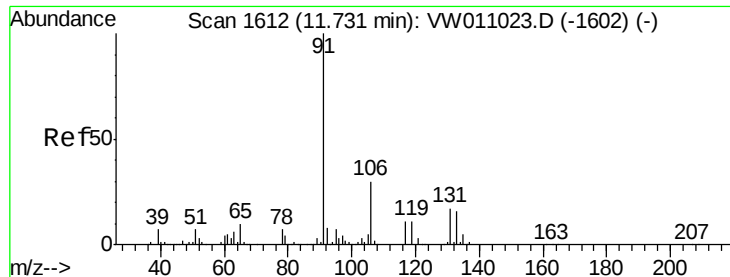
Tot Ion:112 Resp: 129364
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.258 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:131 Resp: 42487
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 65.8 33.1 99.2

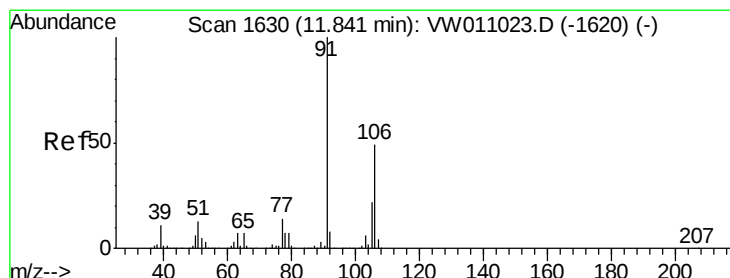
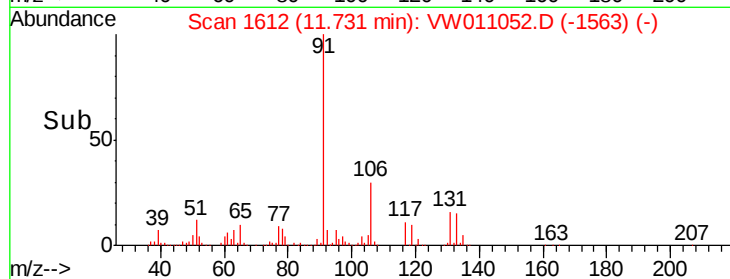
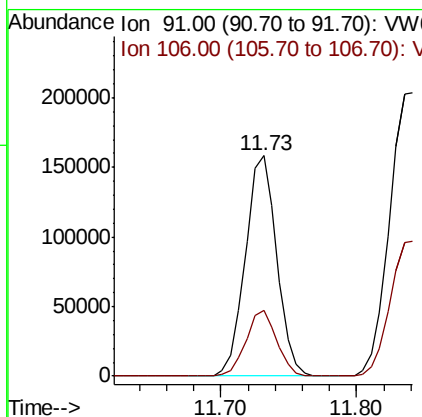
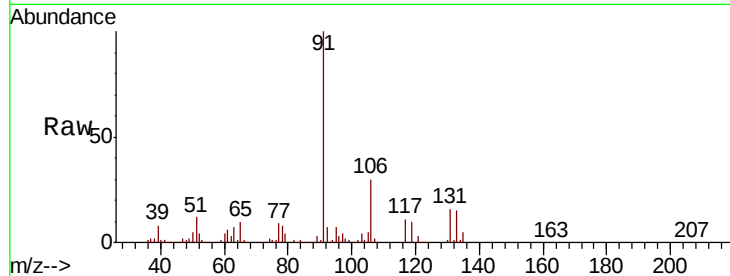




#67
Ethyl Benzene
Concen: 20.572 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

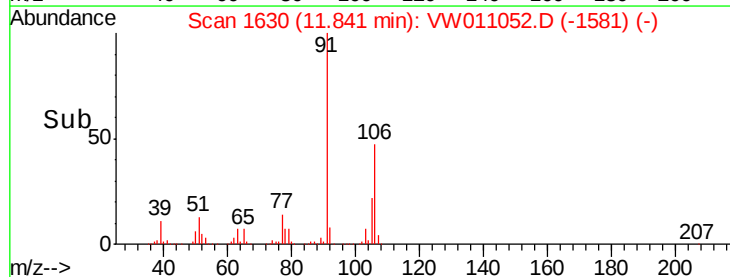
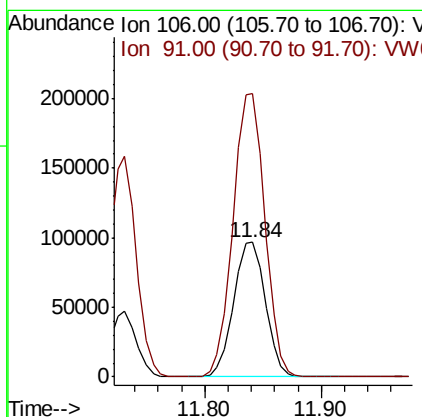
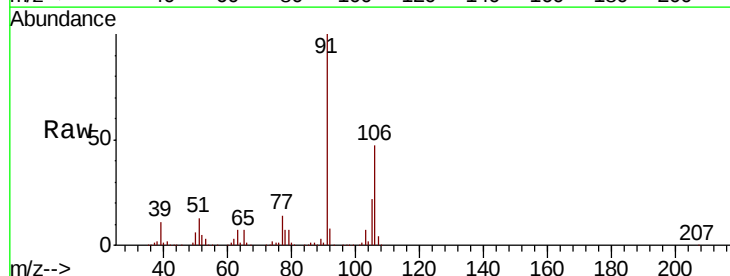
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

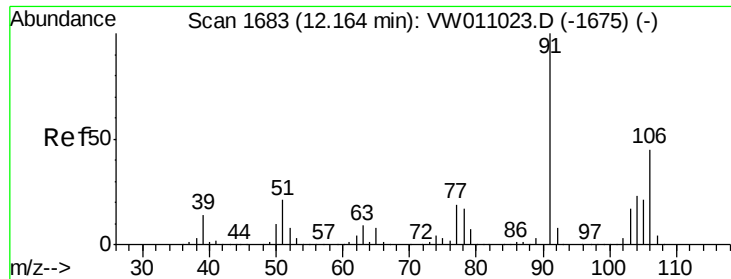
Tot Ion: 91 Resp: 256042
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 40.838 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 106 Resp: 184432
Ion Ratio Lower Upper
106 100
91 210.3 167.5 251.3

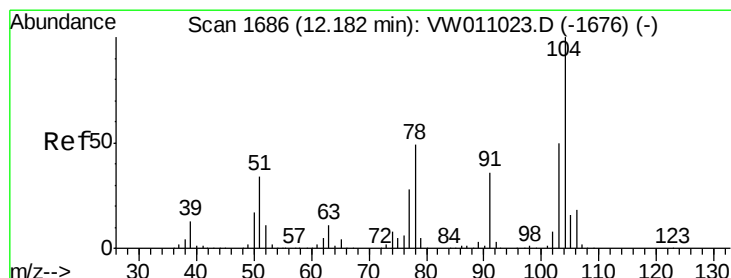
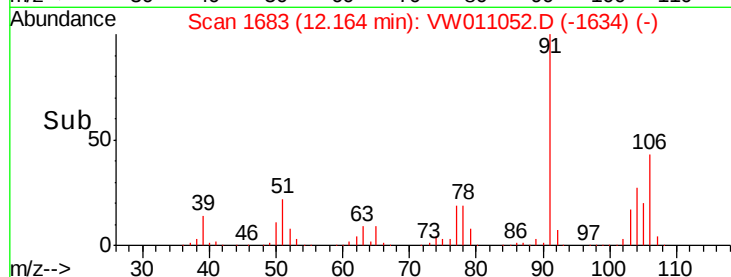
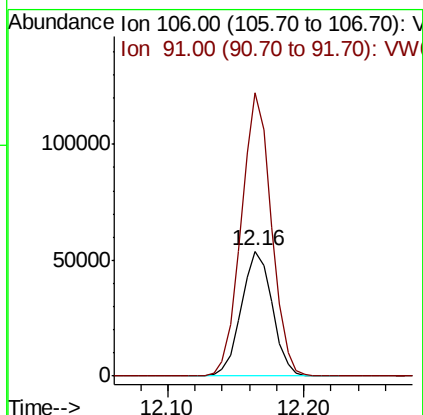
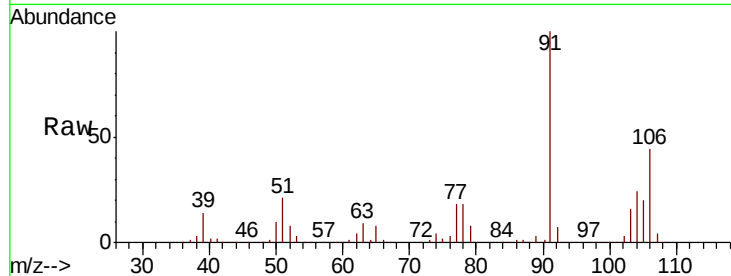




#69
o-Xylene
Concen: 20.311 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

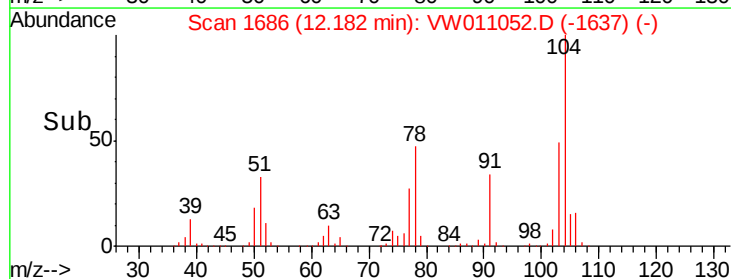
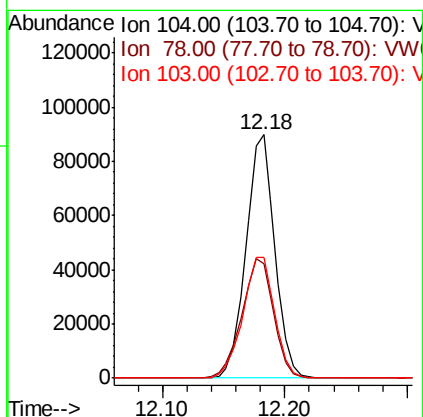
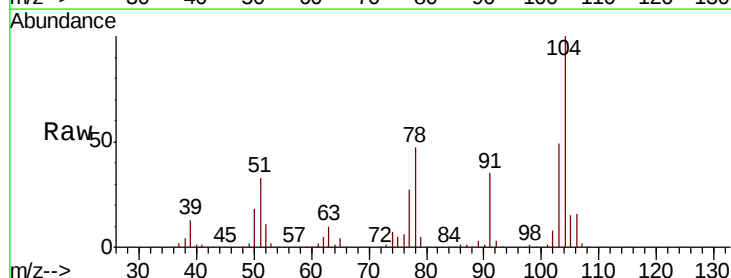
Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

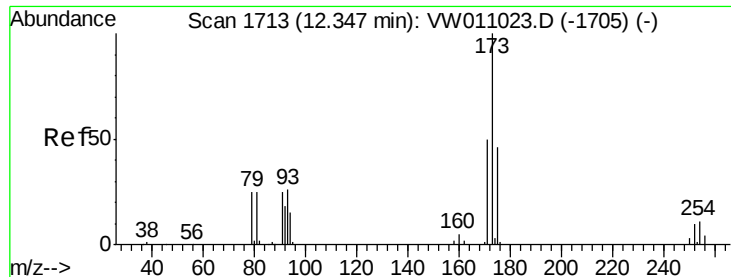
Tot Ion:106 Resp: 85437
Ion Ratio Lower Upper
106 100
91 221.7 110.8 332.3



#70
Styrene
Concen: 20.055 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:104 Resp: 146592
Ion Ratio Lower Upper
104 100
78 54.0 43.7 65.5
103 54.8 43.9 65.9





#71

Bromoform

Concen: 17.402 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

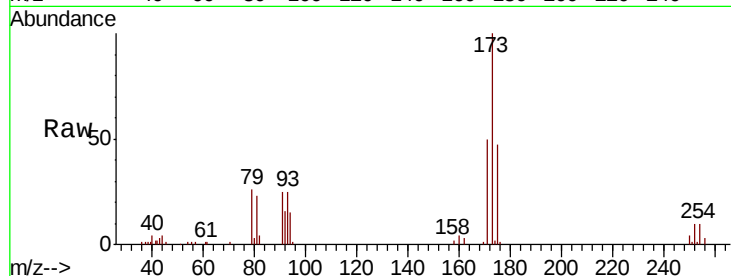
Tot Ion:173 Resp: 18717

Ion Ratio Lower Upper

173 100

175 49.7 24.1 72.2

254 0.0 0.0 0.0

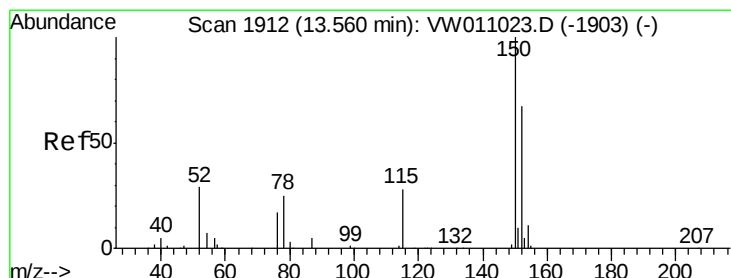
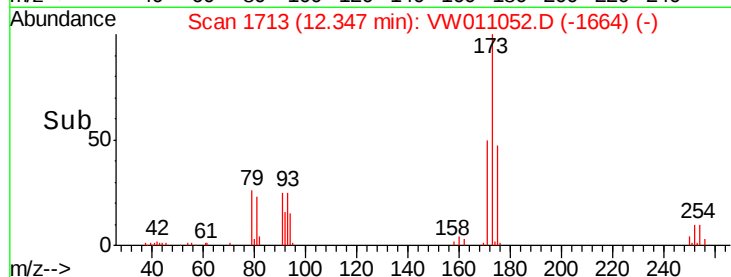
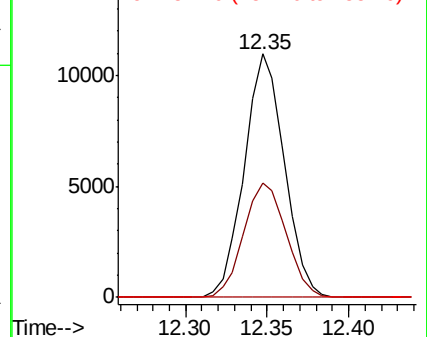


Abundance

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: VW011052.D

Acq: 28 Jun 2019 11:12

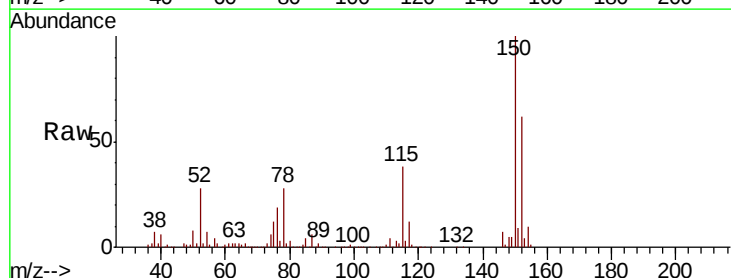
Tgt Ion:152 Resp: 158285

Ion Ratio Lower Upper

152 100

115 60.2 30.7 92.1

150 162.5 0.0 341.8

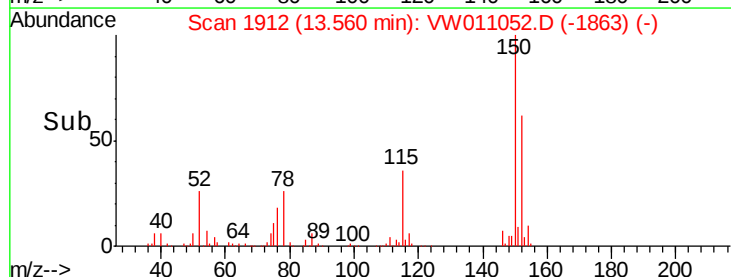
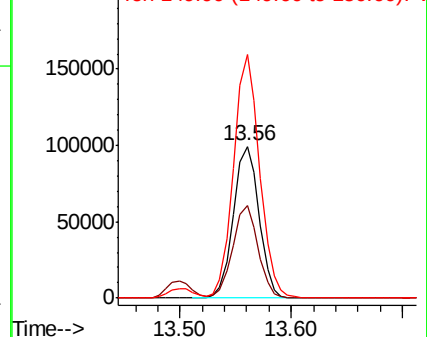


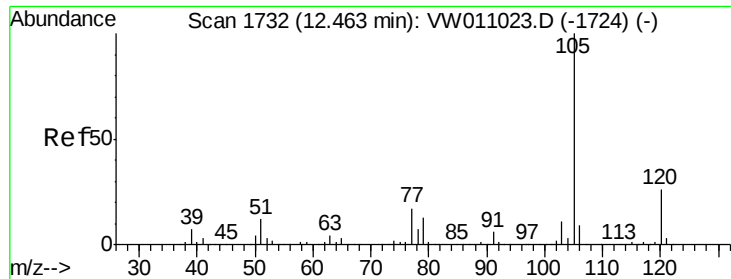
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.104 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

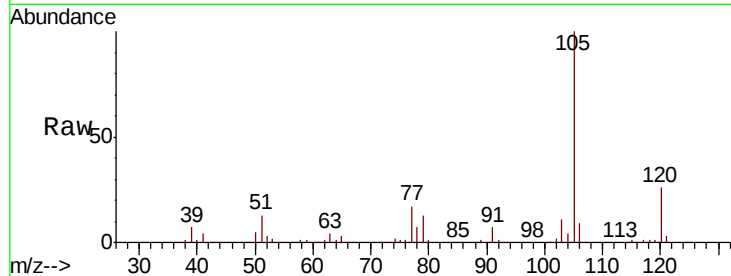
VW0629SBS01

Tot Ion:105 Resp: 238384

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

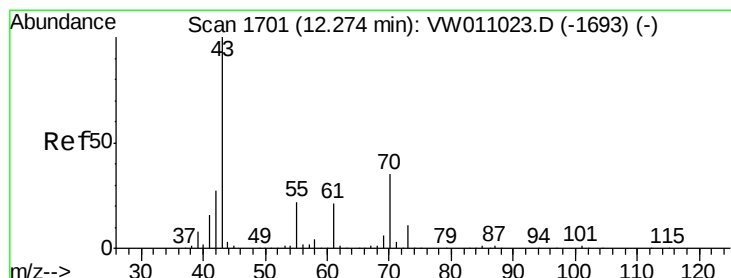
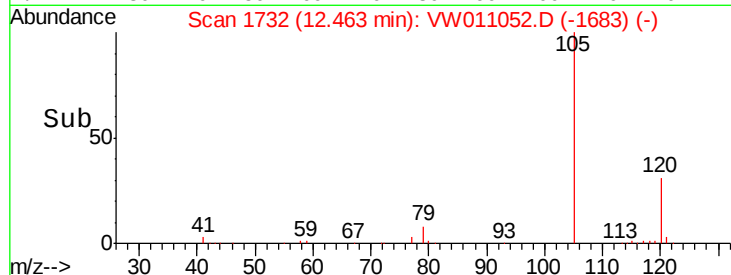
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 18.205 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Tgt Ion: 43 Resp: 72497

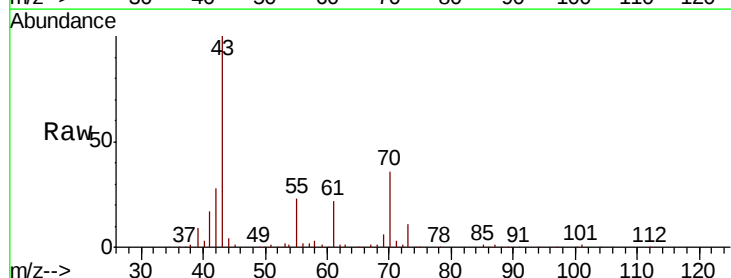
Ion Ratio Lower Upper

43 100

70 35.6 28.2 42.4

55 23.4 17.8 26.8

61 21.9 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

60000

40000

20000

0

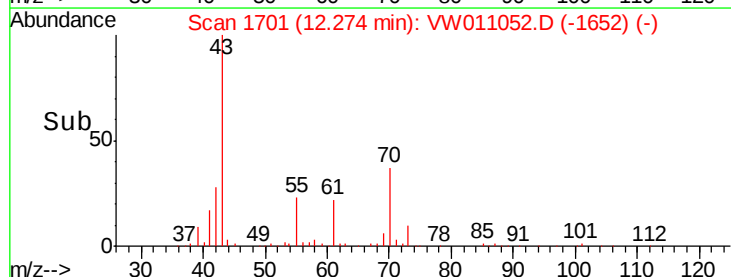
12.27

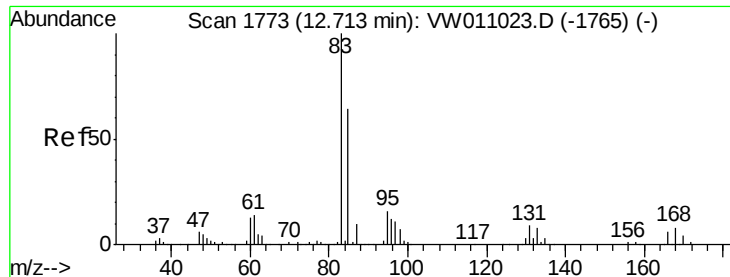
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.561 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

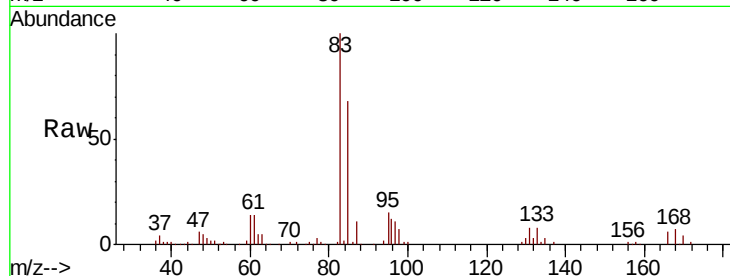
Tot Ion: 83 Resp: 43220

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

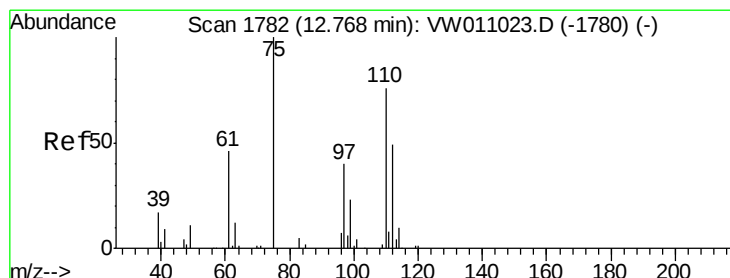
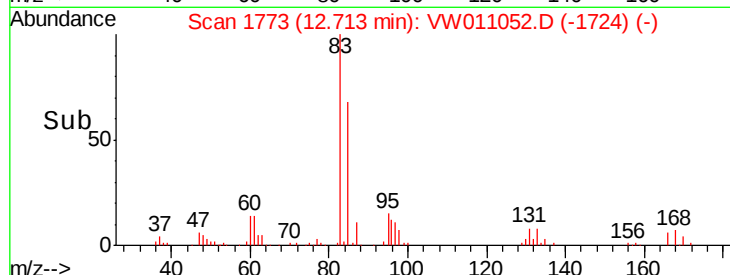
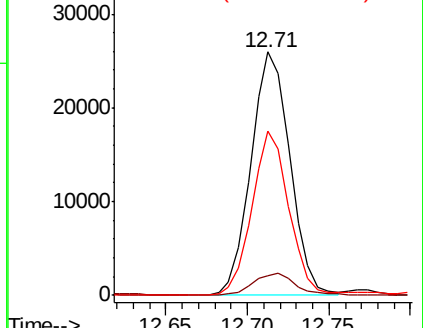
85 63.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.916 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011052.D

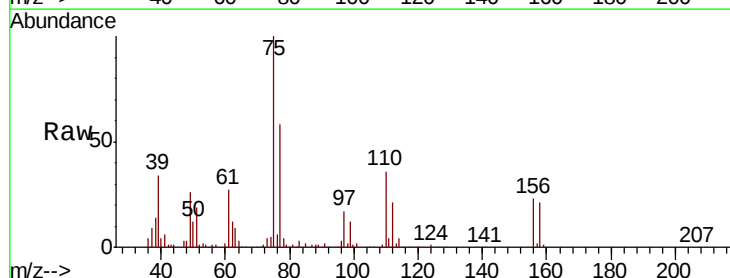
Acq: 28 Jun 2019 11:12

Tgt Ion: 75 Resp: 55006

Ion Ratio Lower Upper

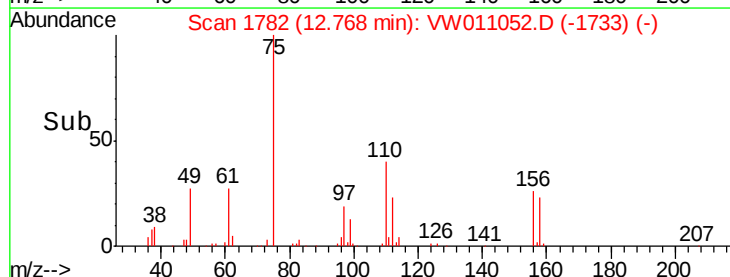
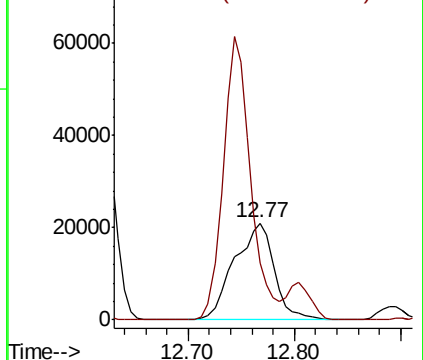
75 100

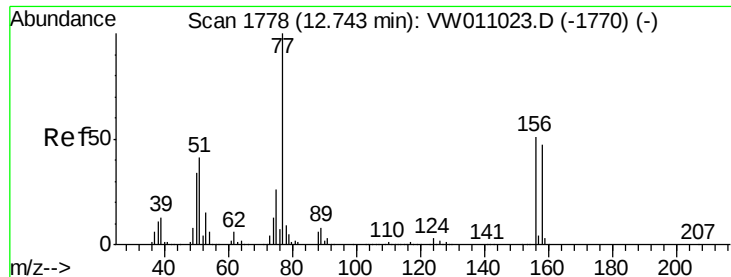
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.758 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

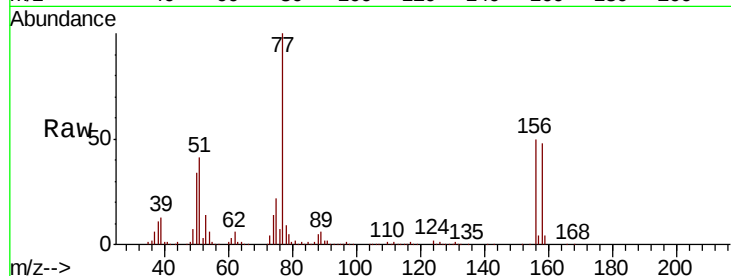
Tot Ion:156 Resp: 51496

Ion Ratio Lower Upper

156 100

77 213.4 109.5 328.5

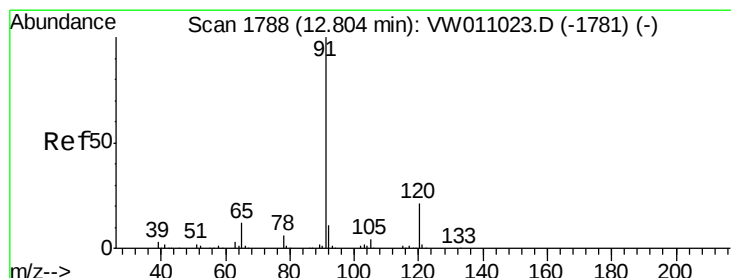
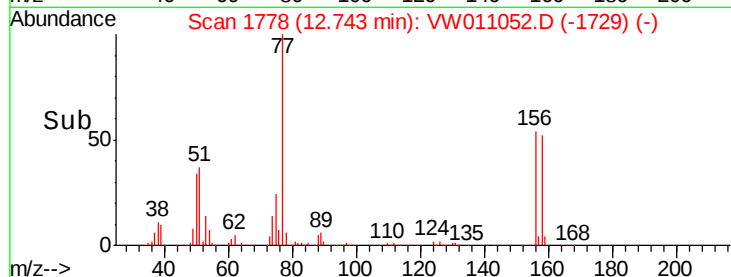
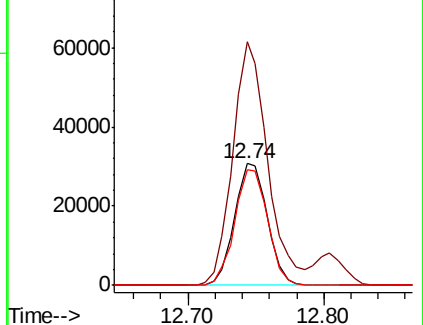
158 95.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.426 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011052.D

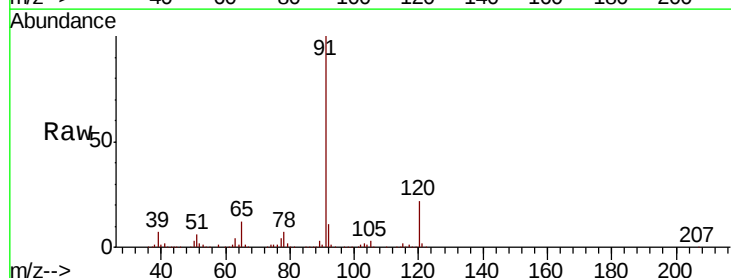
Acq: 28 Jun 2019 11:12

Tgt Ion: 91 Resp: 299931

Ion Ratio Lower Upper

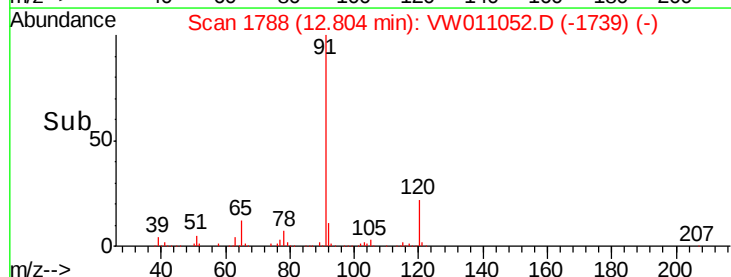
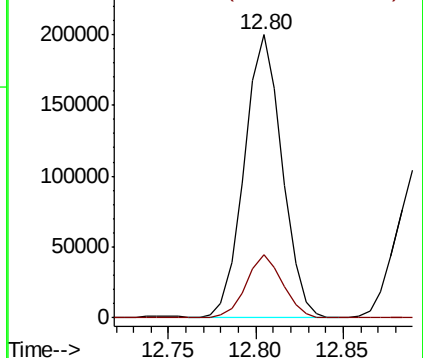
91 100

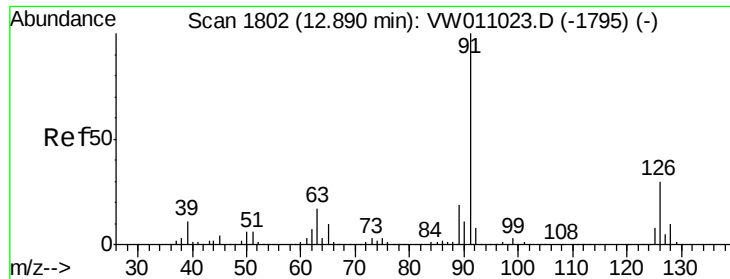
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

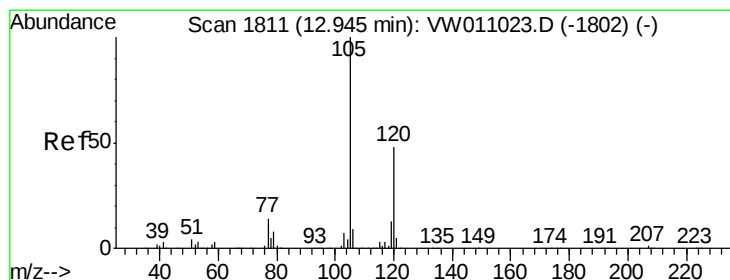
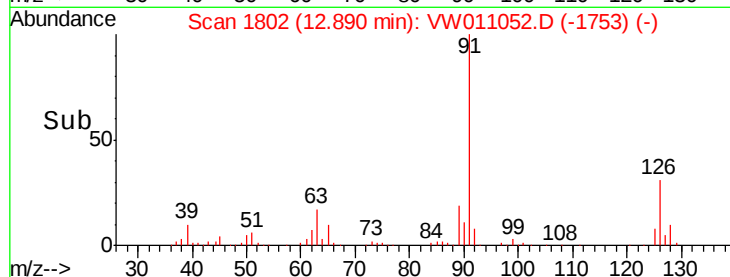
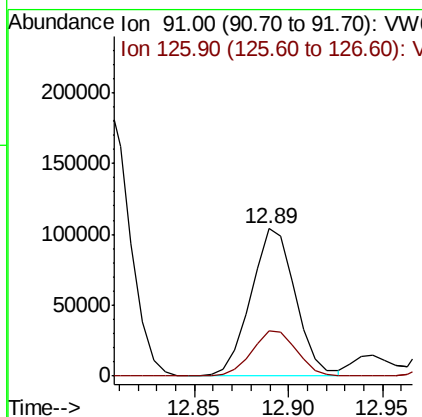
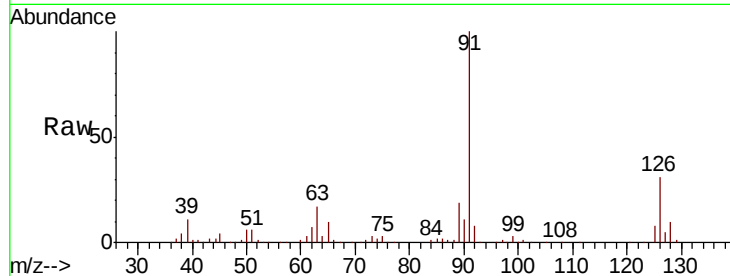




#79
 2-Chlorotoluene
 Concen: 20.302 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

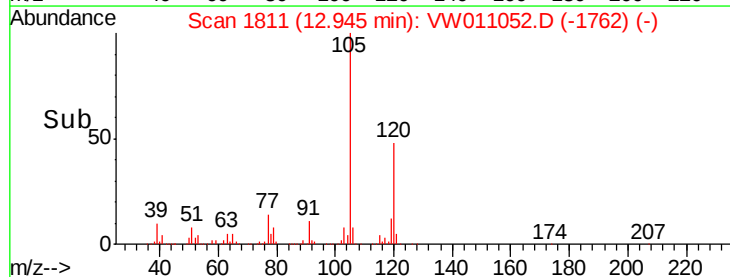
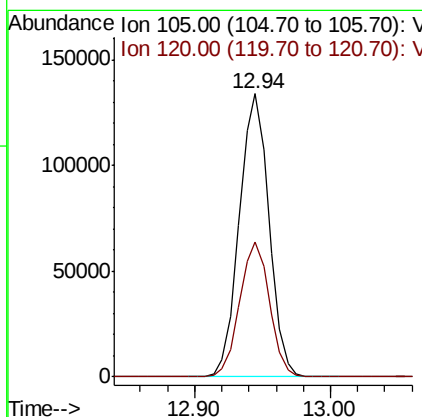
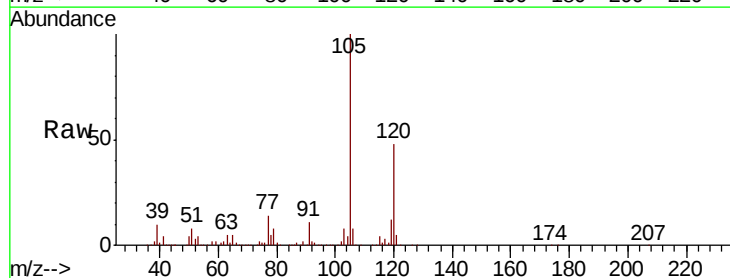
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

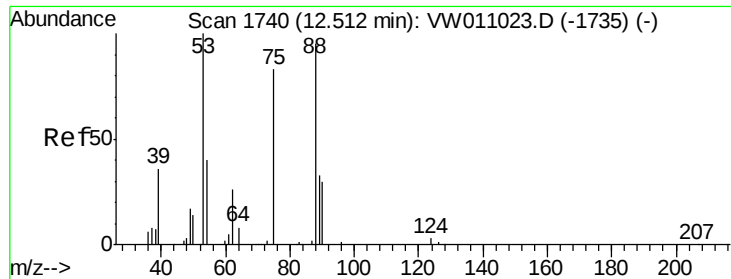
Tot Ion: 91 Resp: 170317
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.4 46.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.251 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion:105 Resp: 203535
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.8 71.5

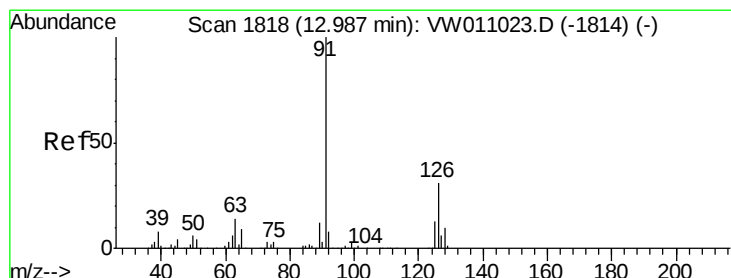
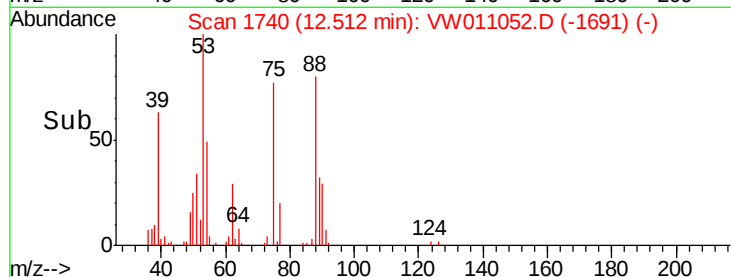
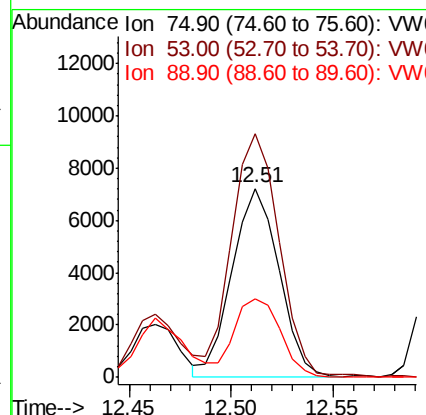
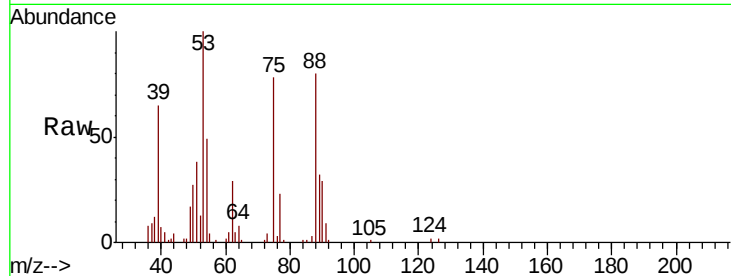




#81
trans-1,4-Dichloro-2-butene
Concen: 17.651 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

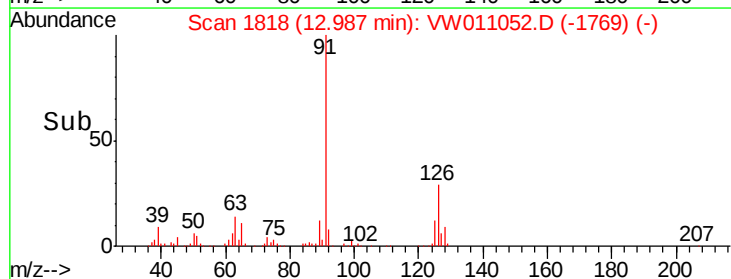
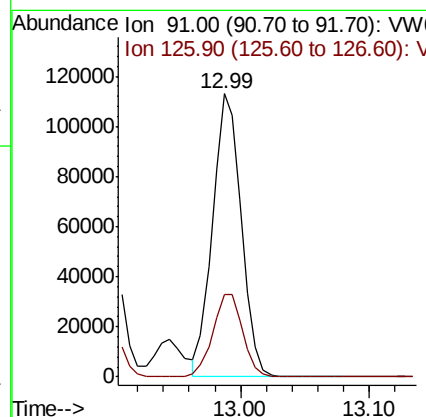
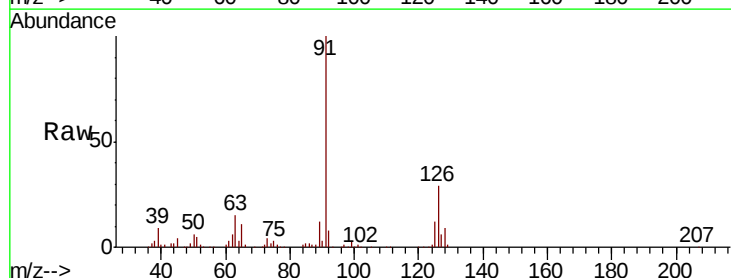
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

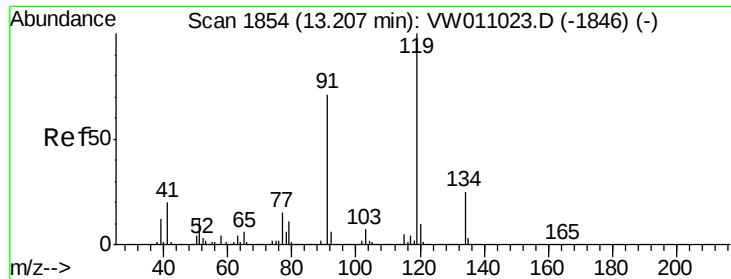
Tot Ion: 75 Resp: 11592
Ion Ratio Lower Upper
75 100
53 129.6 95.6 143.4
89 39.9 34.4 51.6



#82
4-Chlorotoluene
Concen: 20.112 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion: 91 Resp: 175823
Ion Ratio Lower Upper
91 100
126 30.5 15.7 47.1

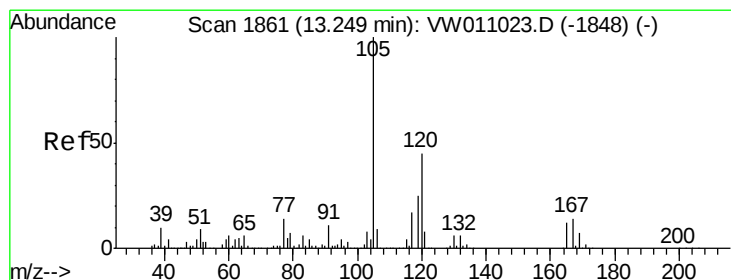
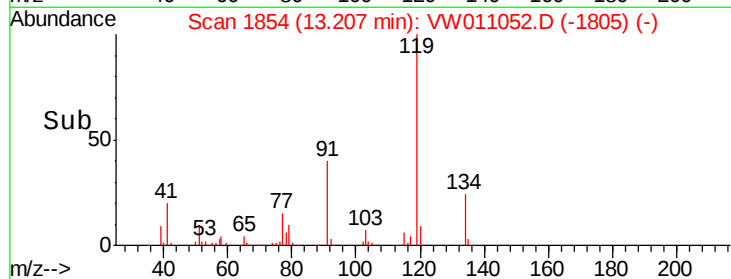
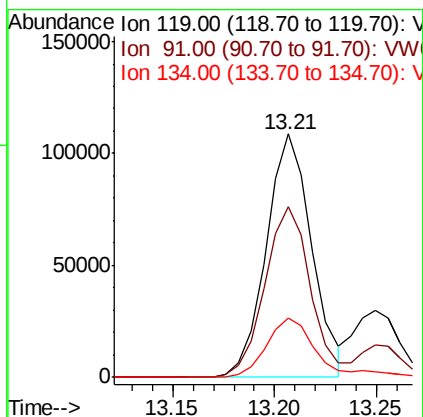
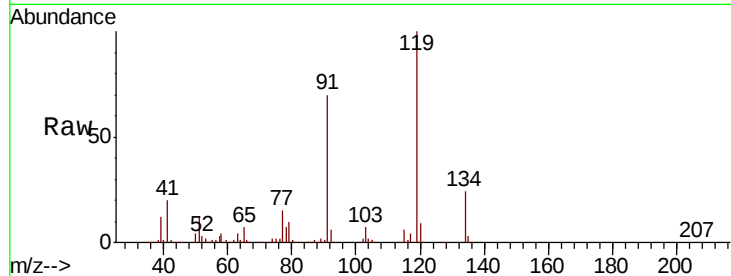




#83
tert-Butylbenzene
Concen: 20.180 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

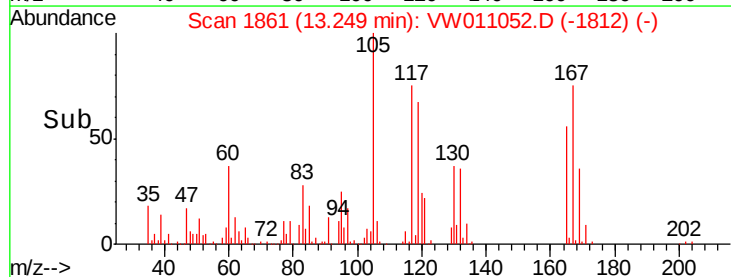
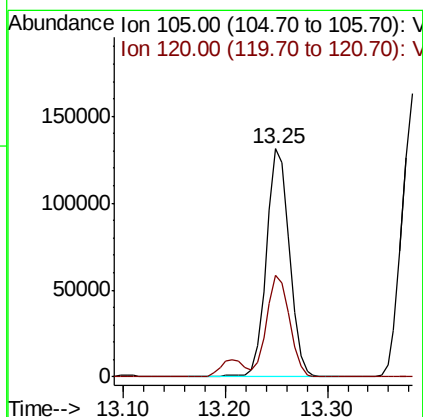
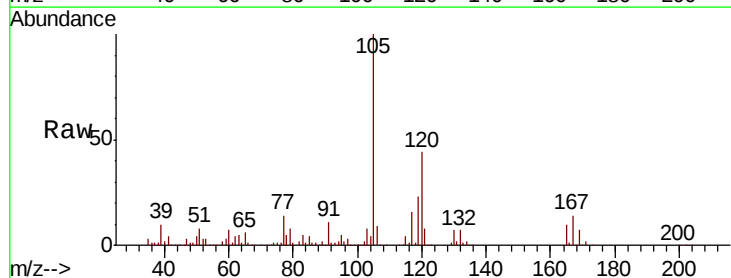
Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

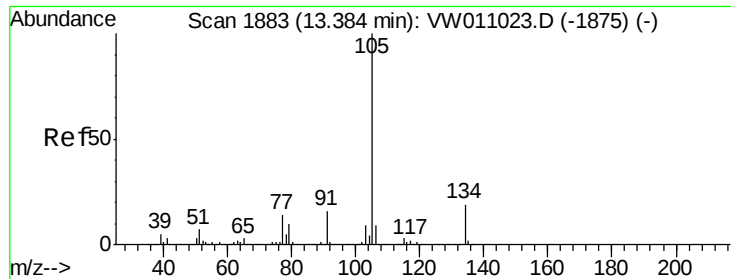
Tot Ion:119 Resp: 169126
Ion Ratio Lower Upper
119 100
91 71.0 35.5 106.5
134 25.0 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 20.195 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:105 Resp: 205151
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.456 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

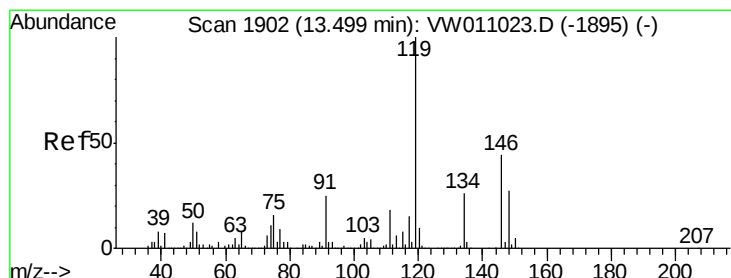
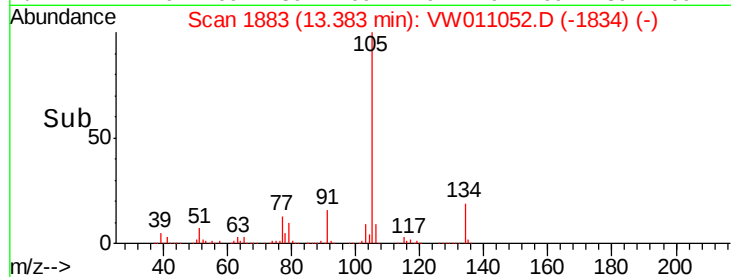
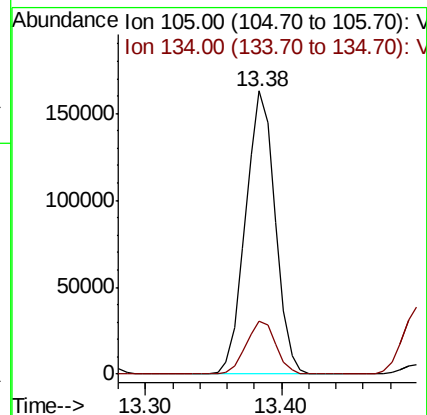
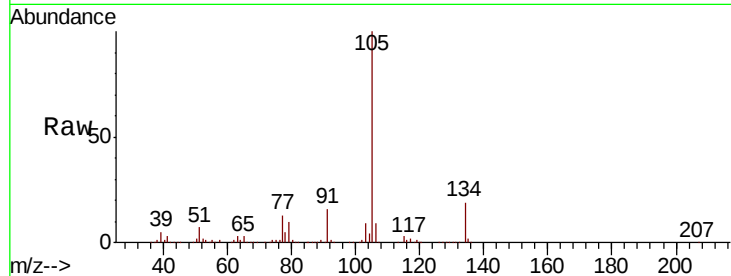
VW0629SBS01

Tot Ion:105 Resp: 249049

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.439 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

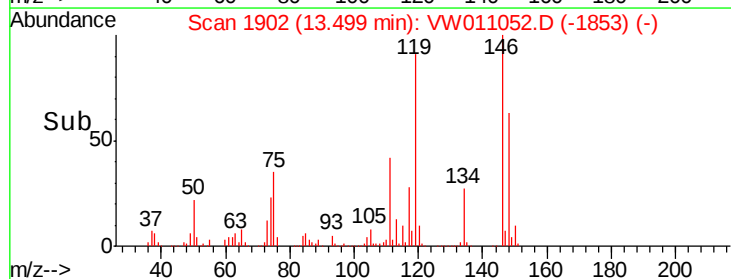
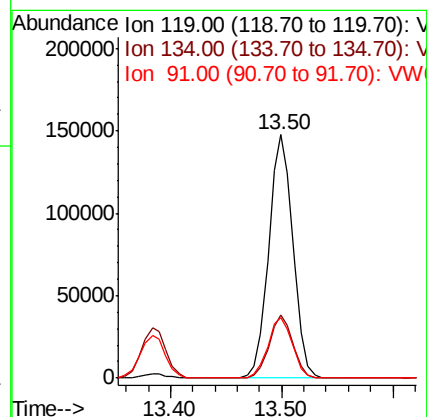
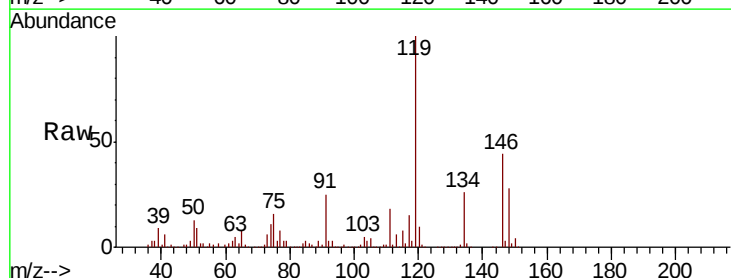
Tgt Ion:119 Resp: 223930

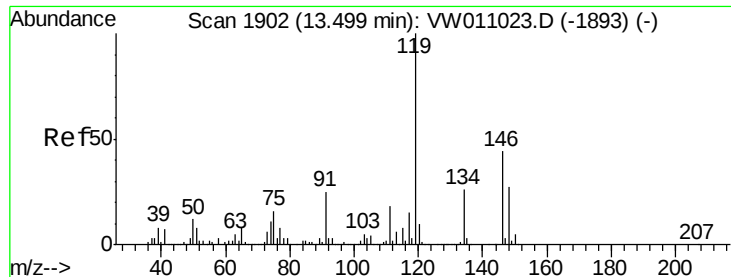
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 24.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.780 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

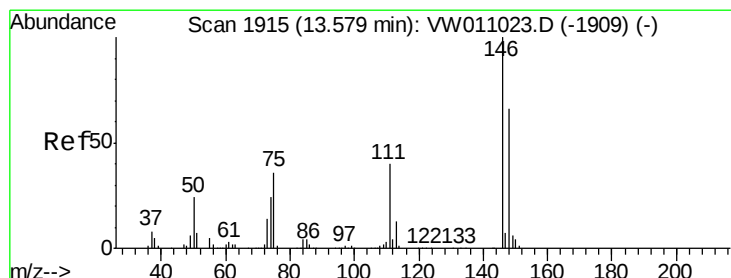
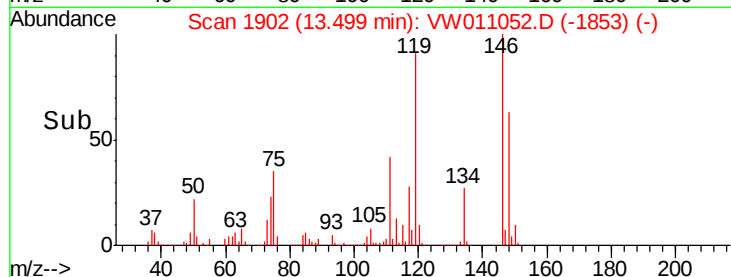
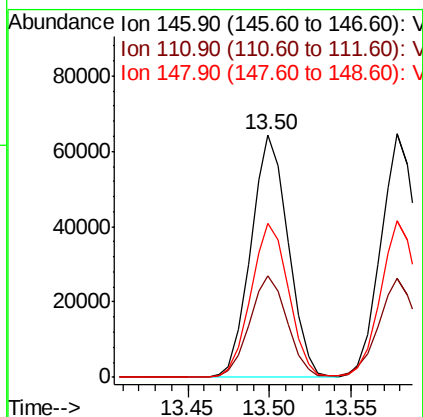
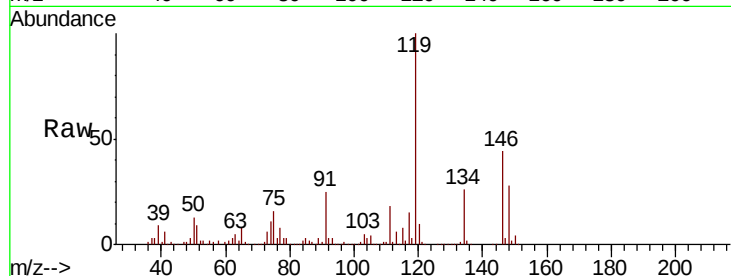
Tot Ion:146 Resp: 101980

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.8
148	64.0	31.8	95.4

146 100

111 42.3 20.9 62.8

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.626 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

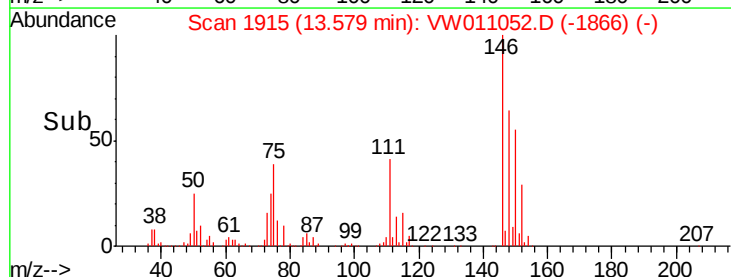
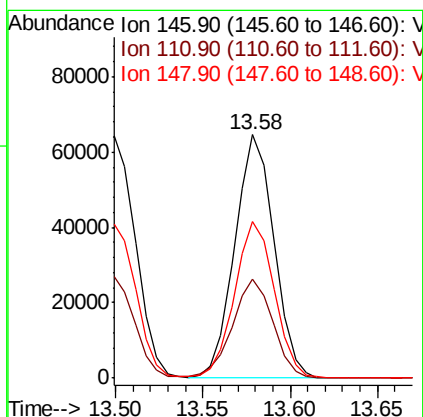
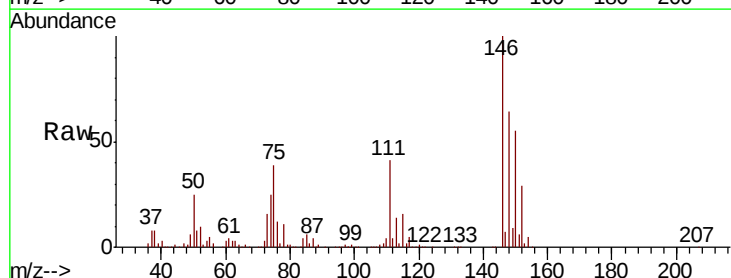
Tgt Ion:146 Resp: 101009

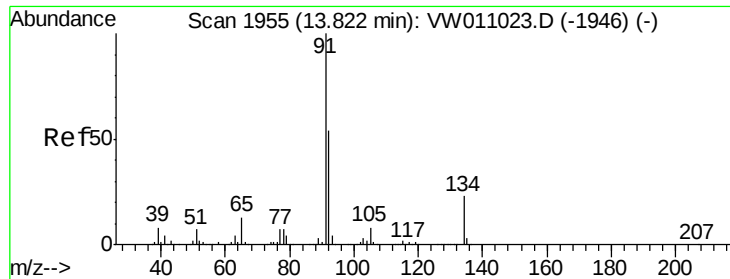
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.9
148	65.4	32.4	97.2

146 100

111 42.3 20.6 61.9

148 65.4 32.4 97.2





#89

n-Butylbenzene

Concen: 20.370 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011052.D

Acq: 28 Jun 2019 11:12

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

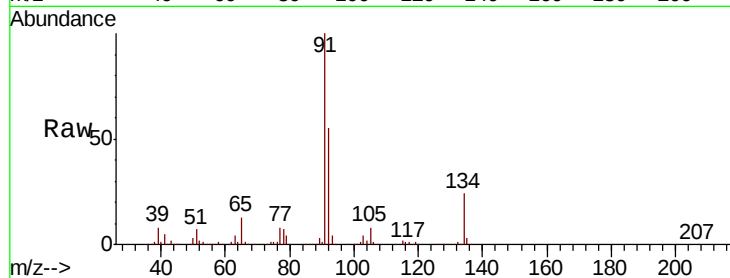
Tot Ion: 91 Resp: 226835

Ion Ratio Lower Upper

91 100

92 54.7 27.1 81.2

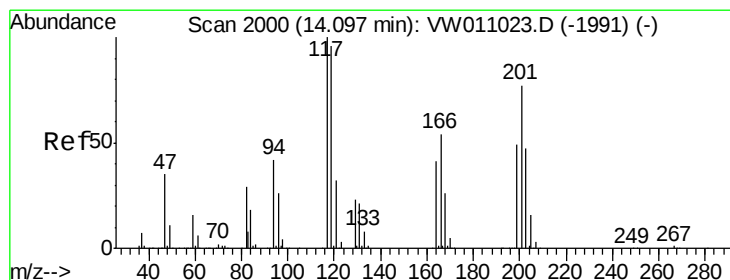
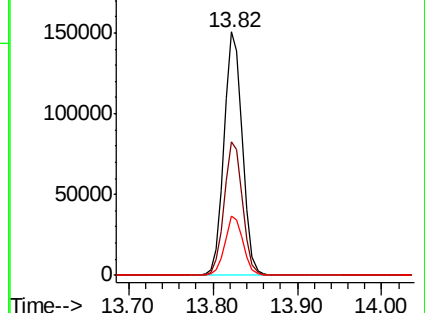
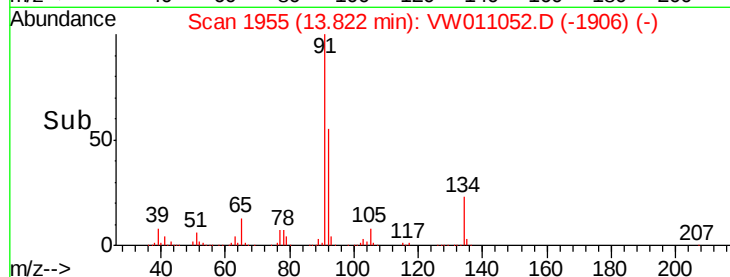
134 24.2 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.759 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011052.D

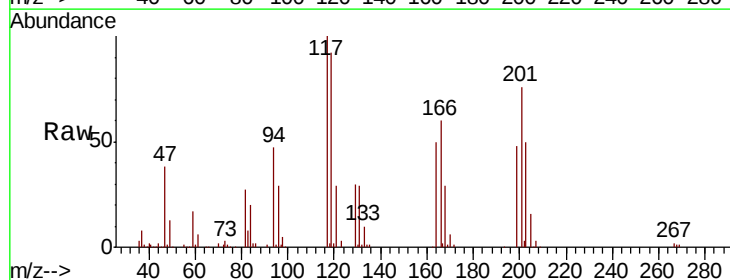
Acq: 28 Jun 2019 11:12

Tgt Ion: 117 Resp: 35166

Ion Ratio Lower Upper

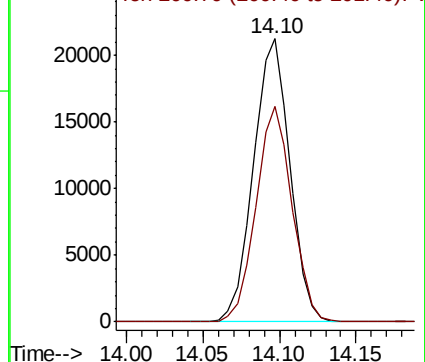
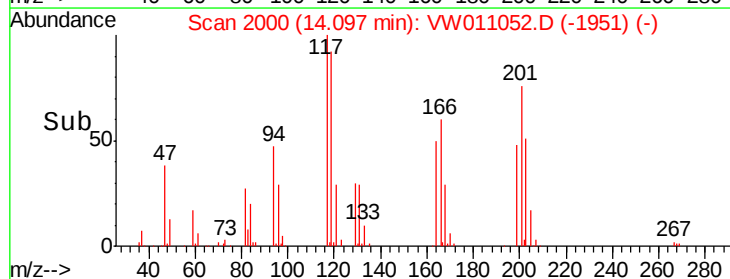
117 100

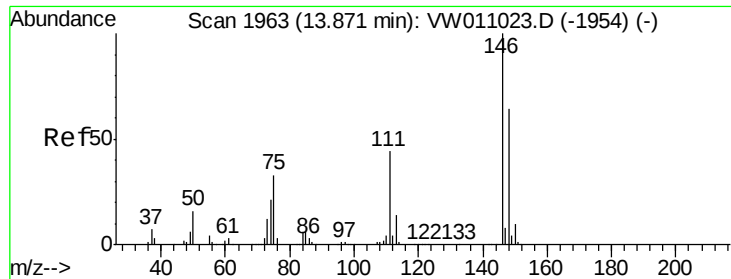
201 75.2 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

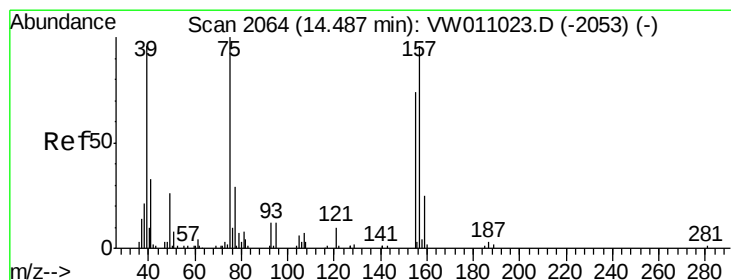
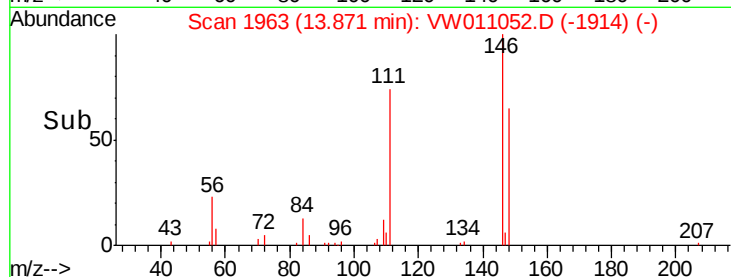
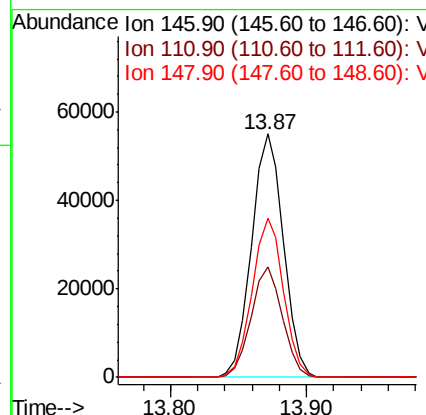
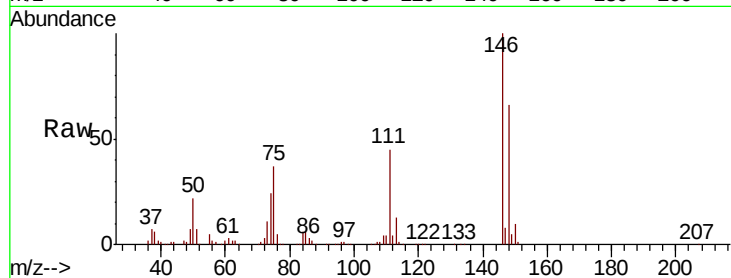




#91
 1,2-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

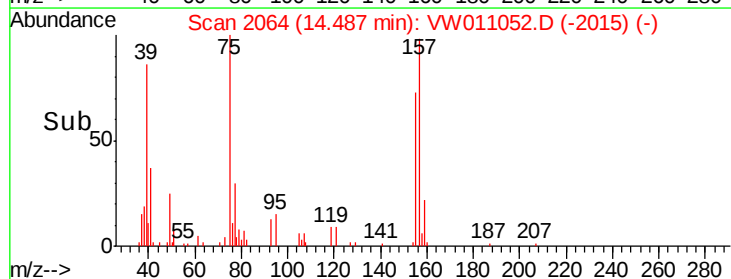
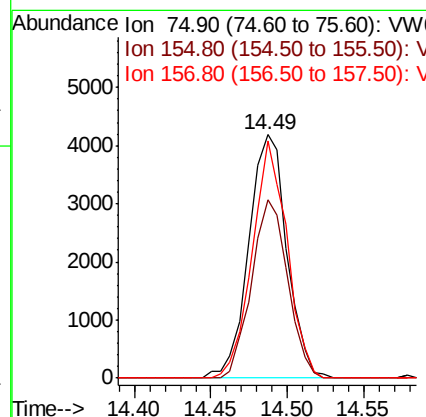
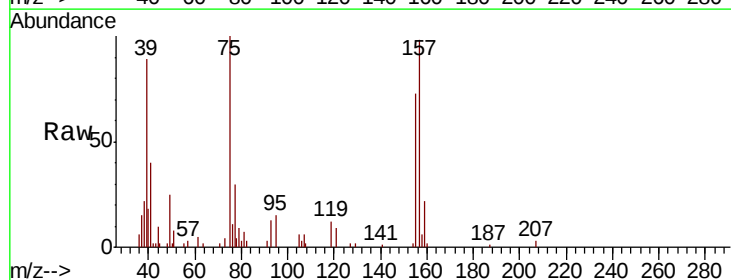
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

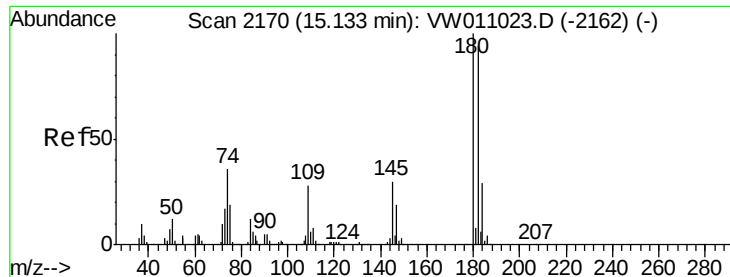
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.4	64.3
148	64.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.330 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.5	37.0	110.9
157	88.8	45.9	137.7

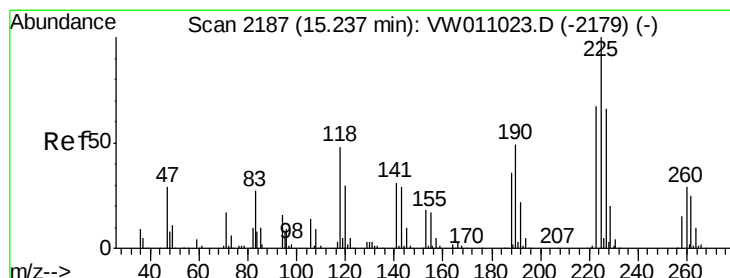
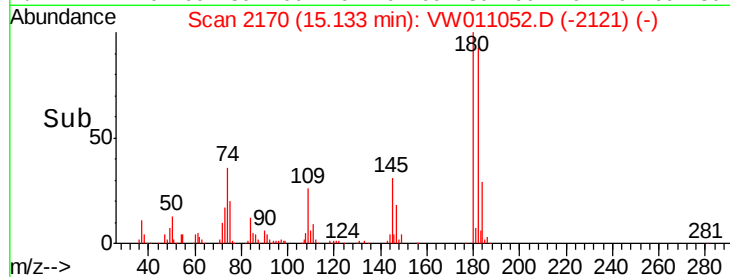
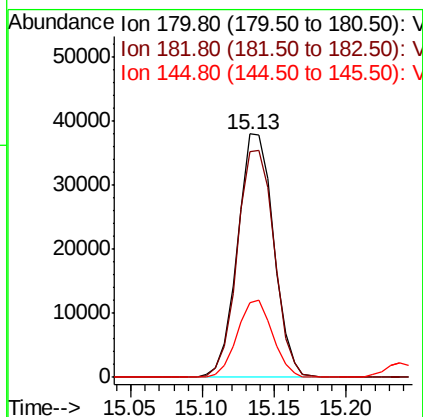
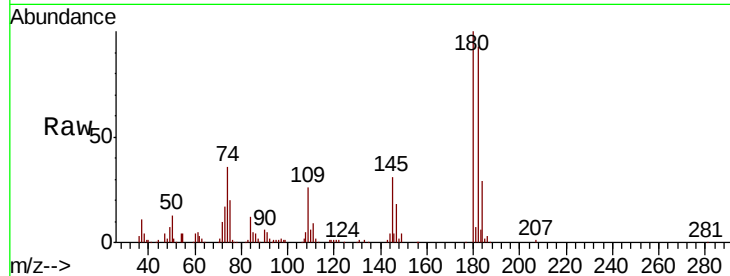




#93
 1,2,4-Trichlorobenzene
 Concen: 20.319 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

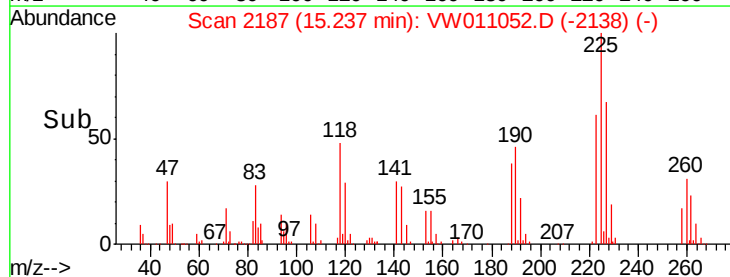
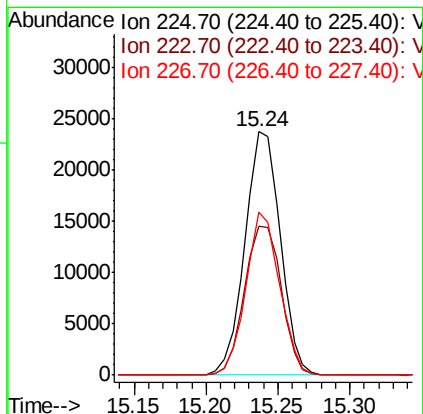
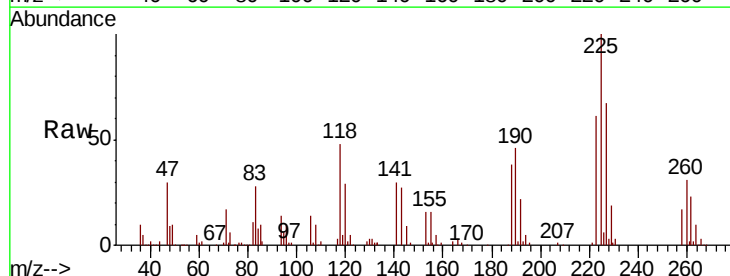
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

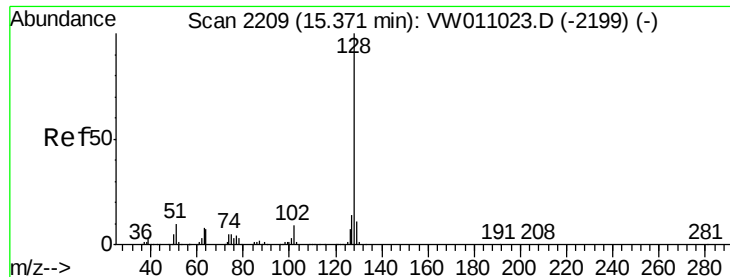
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	31.1	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 20.463 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011052.D
 Acq: 28 Jun 2019 11:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.9
227	63.8	31.9	95.9

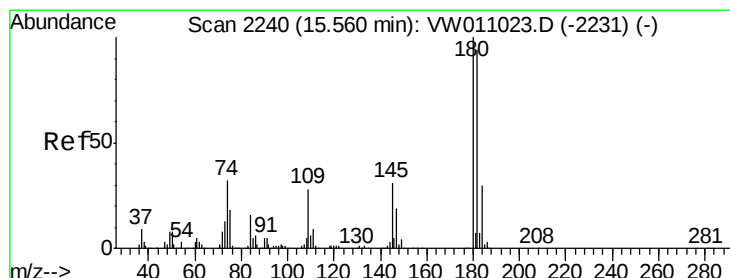
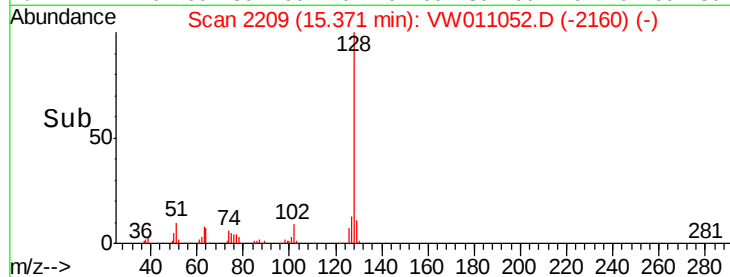
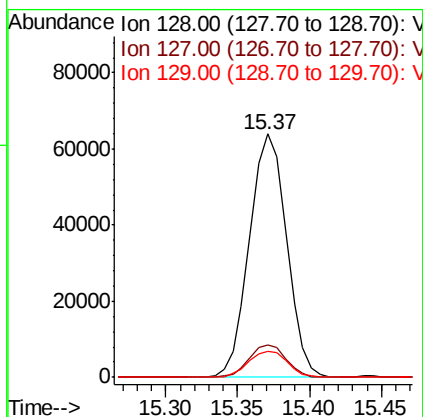
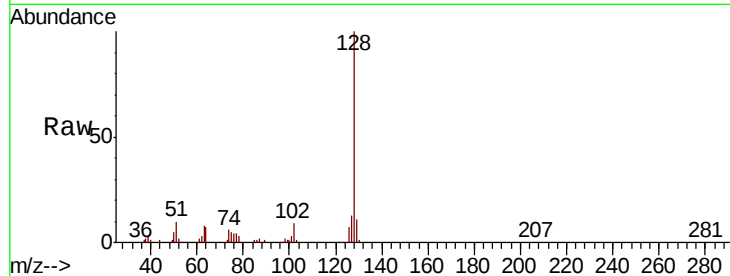




#95
Naphthalene
Concen: 18.732 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion:128 Resp: 114637
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.796 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011052.D
Acq: 28 Jun 2019 11:12

Tgt Ion:180 Resp: 57589
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 31.7 16.1 48.2

