

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011030.D
 Acq On : 27 Jun 2019 22:12
 Operator : SY/VA
 Sample : VW0627SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Quant Time: Jun 28 08:33:08 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	7.95	168	208355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	143315	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.88	113	107938	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.32	98	437188	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.62	95	162010	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35252	22.444	ug/l	97
3) Chloromethane	2.21	50	45203	21.468	ug/l	97
4) Vinyl Chloride	2.36	62	56428	20.582	ug/l	99
5) Bromomethane	2.76	94	29206	21.402	ug/l	97
6) Chloroethane	2.91	64	30202	20.895	ug/l	98
7) Trichlorofluoromethane	3.25	101	14390	17.861	ug/l	99
8) Diethyl Ether	3.67	74	30200	23.669	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	46335	20.449	ug/l	99
10) Methyl Iodide	4.27	142	69305	21.862	ug/l	99
11) Tert butyl alcohol	5.17	59	22222	112.334	ug/l	99
12) 1,1-Dichloroethene	4.03	96	47212	20.018	ug/l	97
13) Acrolein	3.89	56	14724	95.448	ug/l	95
14) Allyl chloride	4.66	41	78917	20.790	ug/l	100
15) Acrylonitrile	5.36	53	72585	115.523	ug/l	99
16) Acetone	4.12	43	70366	105.837	ug/l	97
17) Carbon Disulfide	4.38	76	135154	20.199	ug/l	99
18) Methyl Acetate	4.67	43	45317	26.313	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79052	23.681	ug/l	95
20) Methylene Chloride	4.91	84	60193	22.283	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	51093	21.023	ug/l	99
22) Diisopropyl ether	6.31	45	207381	22.702	ug/l	98
23) Vinyl Acetate	6.25	43	606701	107.791	ug/l	99
24) 1,1-Dichloroethane	6.21	63	104300	21.631	ug/l	99
25) 2-Butanone	7.17	43	112906	111.722	ug/l	99
26) 2,2-Dichloropropane	7.16	77	44606	17.818	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	56648	21.648	ug/l	99
28) Bromochloromethane	7.51	49	45839	20.421	ug/l	98
29) Tetrahydrofuran	7.52	42	73950	117.547	ug/l	99
30) Chloroform	7.67	83	94591	21.593	ug/l	98
31) Cyclohexane	7.95	56	105615	20.271	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	66899	20.437	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75558	19.569	ug/l	99
37) Ethyl Acetate	7.25	43	50232	22.363	ug/l	99
38) Carbon Tetrachloride	8.06	117	61615	19.378	ug/l	96

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 VW0628SBS01

Quant Time: Jun 28 08:33:08 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	92278	19.420	ug/l	99
40) Benzene	8.32	78	220719	20.784	ug/l	99
41) Methacrylonitrile	7.48	41	26779	19.596	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	75635	21.722	ug/l	99
43) Isopropyl Acetate	8.42	43	94731	22.294	ug/l	99
44) Trichloroethene	9.09	130	51858	20.205	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60573	21.004	ug/l	97
46) Dibromomethane	9.45	93	29559	21.916	ug/l	99
47) Bromodichloromethane	9.64	83	70046	20.976	ug/l	100
48) Methyl methacrylate	9.43	41	44895	21.791	ug/l	97
49) 1,4-Dioxane	9.44	88	10327	455.389	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	250638	112.056	ug/l	100
52) Toluene	10.38	92	133873	20.590	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	71072	20.434	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86701	20.896	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	41258	21.652	ug/l	97
56) Ethyl methacrylate	10.65	69	63182	22.143	ug/l	98
57) 1,3-Dichloropropane	10.93	76	78614	21.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	140548	97.350	ug/l	100
59) 2-Hexanone	10.97	43	174838	112.089	ug/l	99
60) Dibromochloromethane	11.13	129	42259	21.149	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38657	21.670	ug/l	100
64) Tetrachloroethene	10.86	164	50297	22.286	ug/l	94
65) Chlorobenzene	11.66	112	135673	20.210	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	47130	20.678	ug/l	99
67) Ethyl Benzene	11.73	91	258666	20.118	ug/l	99
68) m/p-Xylenes	11.84	106	186595	39.994	ug/l	100
69) o-Xylene	12.16	106	88447	20.353	ug/l	98
70) Styrene	12.18	104	155874	20.641	ug/l	99
71) Bromoform	12.35	173	23122	20.809	ug/l #	98
73) Isopropylbenzene	12.46	105	241233	19.744	ug/l	99
74) N-amyl acetate	12.27	43	88506	21.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51000	21.256	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63886	37.103	ug/l #	100
77) Bromobenzene	12.75	156	54404	20.258	ug/l	99
78) n-propylbenzene	12.80	91	296213	19.577	ug/l	99
79) 2-Chlorotoluene	12.89	91	173574	20.080	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	206187	19.910	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14150	20.153	ug/l	96
82) 4-Chlorotoluene	12.99	91	183852	20.410	ug/l	98
83) tert-Butylbenzene	13.21	119	170878	19.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	212227	20.275	ug/l	99
85) sec-Butylbenzene	13.38	105	246482	19.648	ug/l	99
86) p-Isopropyltoluene	13.50	119	219703	19.462	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107644	20.263	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	107317	20.237	ug/l	99
89) n-Butylbenzene	13.82	91	222556	19.396	ug/l	99
90) Hexachloroethane	14.09	117	36695	18.997	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	100129	20.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8563	21.000	ug/l	96

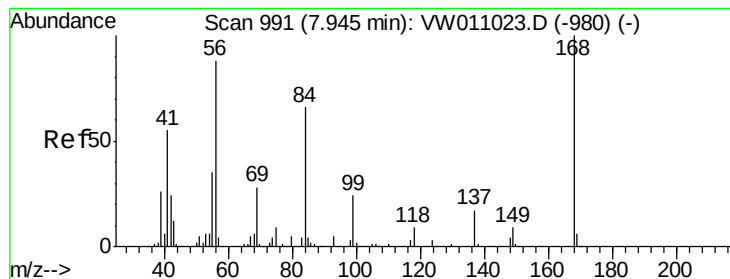
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69214	20.618	ug/l	98
94) Hexachlorobutadiene	15.24	225	39744	19.520	ug/l	99
95) Naphthalene	15.37	128	139900	22.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	63879	21.311	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampled :

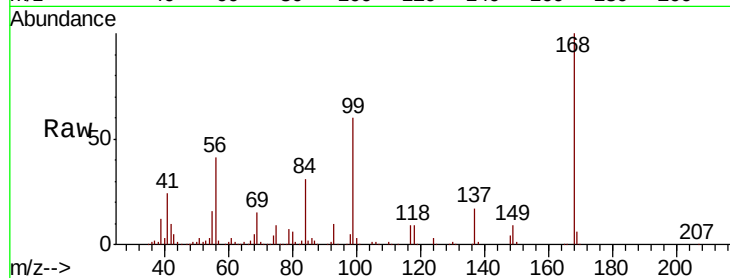
VW0628SBS01

Tot Ion:168 Resp: 208355

Ion Ratio Lower Upper

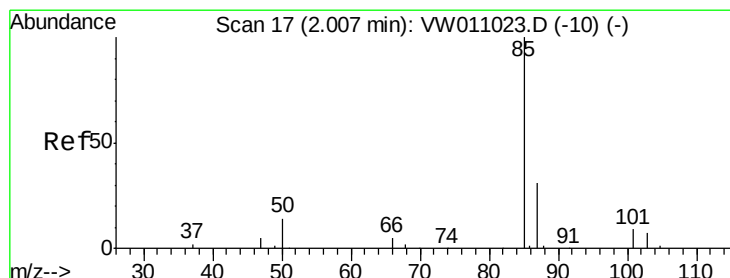
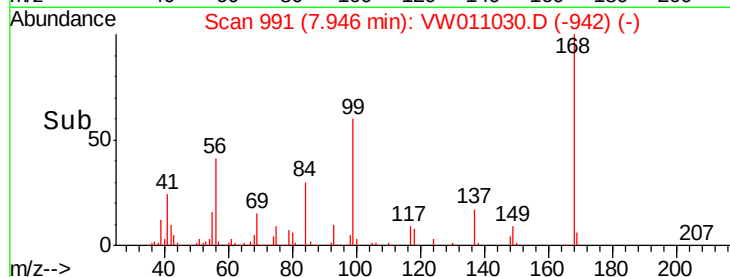
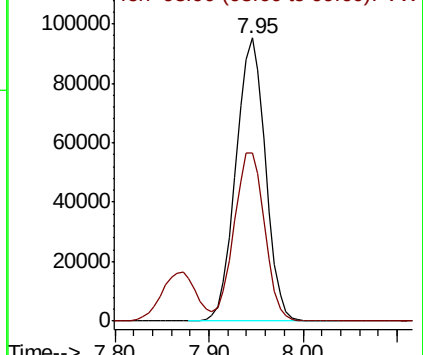
168 100

99 59.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.444 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011030.D

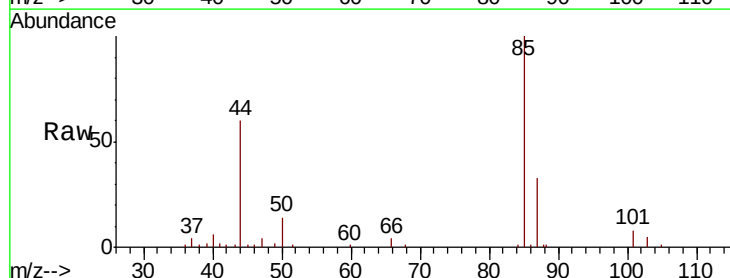
Acq: 27 Jun 2019 22:12

Tgt Ion: 85 Resp: 35252

Ion Ratio Lower Upper

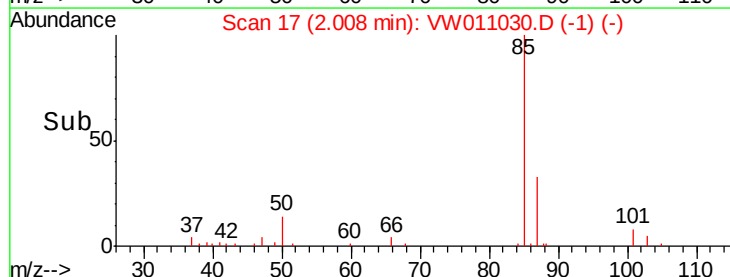
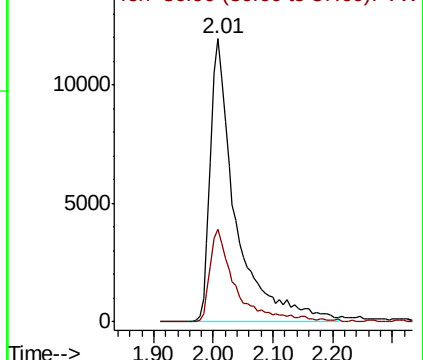
85 100

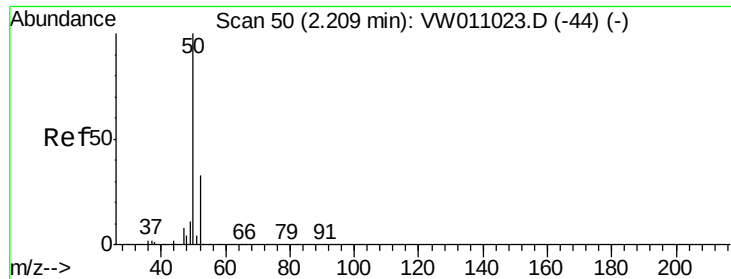
87 32.9 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.468 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

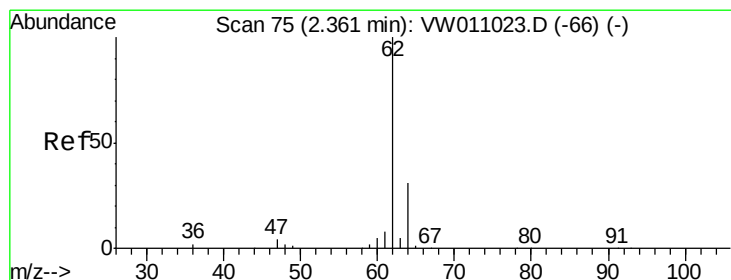
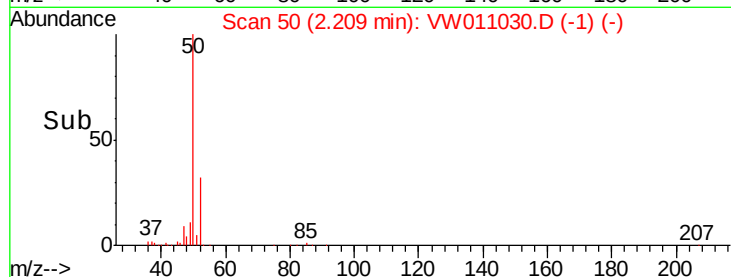
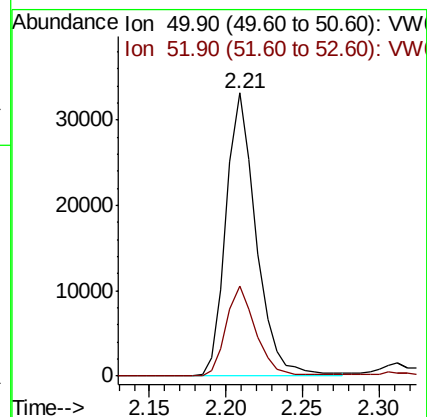
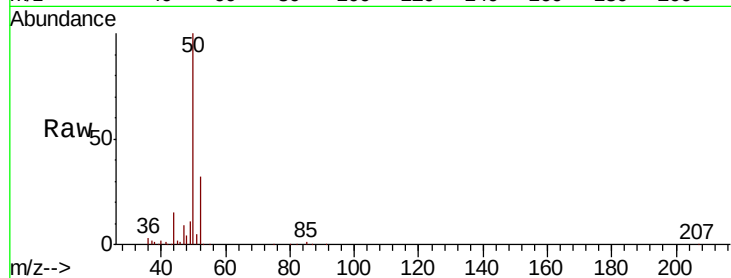
VW0628SBS01

Tot Ion: 50 Resp: 45203

Ion Ratio Lower Upper

50 100

52 31.8 26.6 40.0



#4

Vinyl Chloride

Concen: 20.582 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011030.D

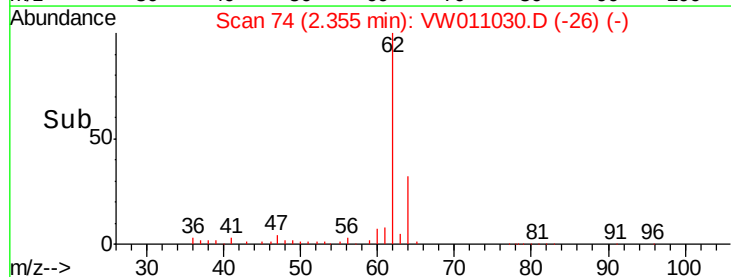
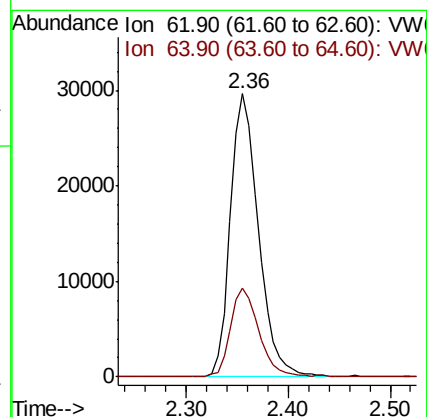
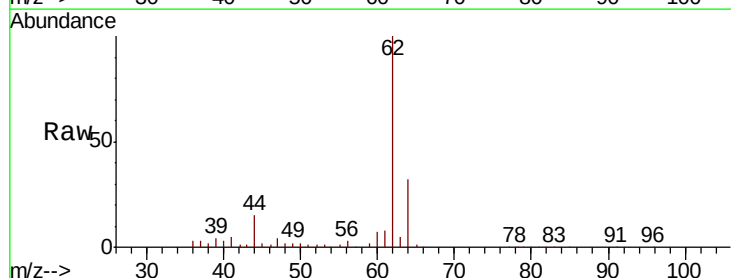
Acq: 27 Jun 2019 22:12

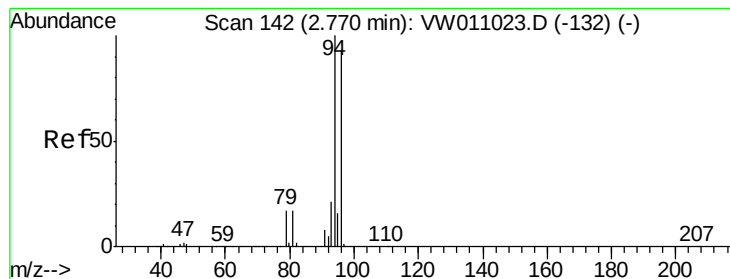
Tgt Ion: 62 Resp: 56428

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 21.402 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

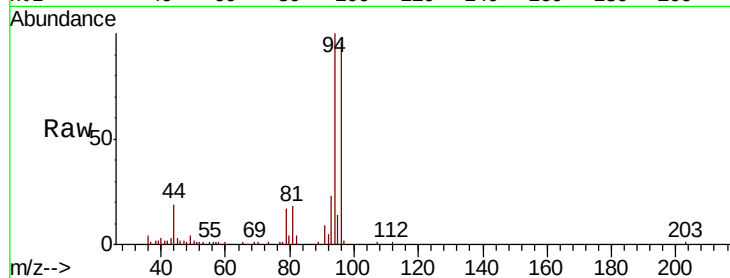
VW0628SBS01

Tot Ion: 94 Resp: 29206

Ion Ratio Lower Upper

94 100

96 95.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

12000

10000

8000

6000

4000

2000

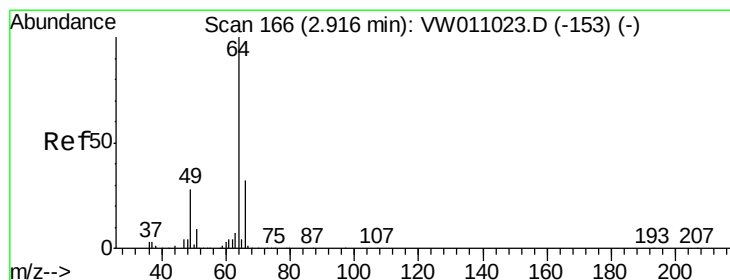
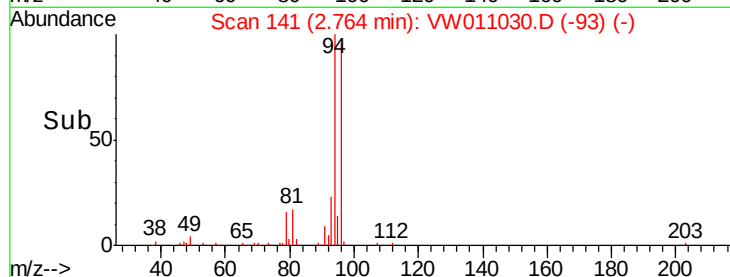
0

Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 20.895 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011030.D

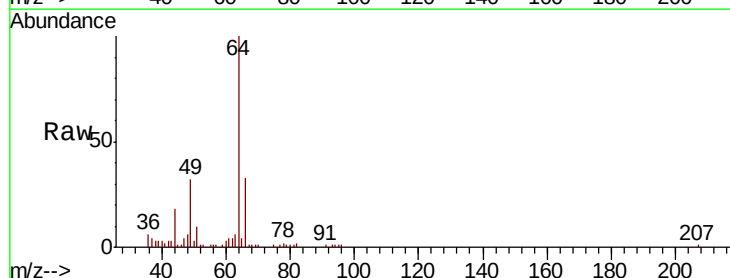
Acq: 27 Jun 2019 22:12

Tgt Ion: 64 Resp: 30202

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

12000

10000

8000

6000

4000

2000

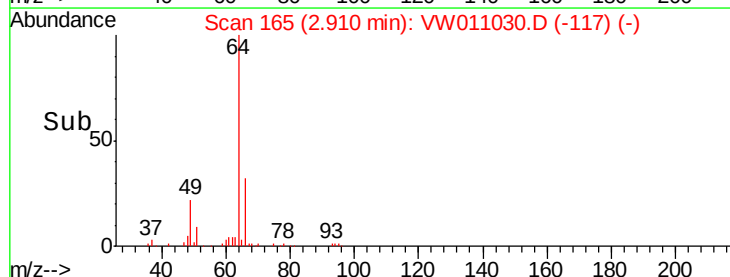
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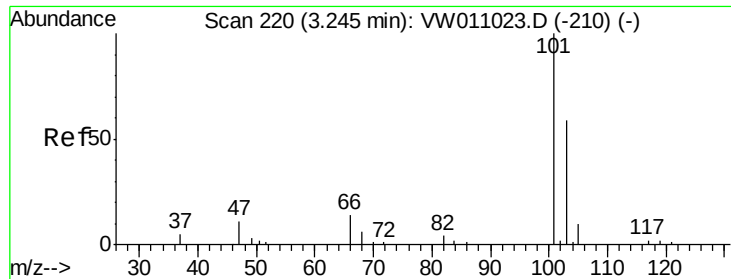
Time-->

2.80

2.90

3.00



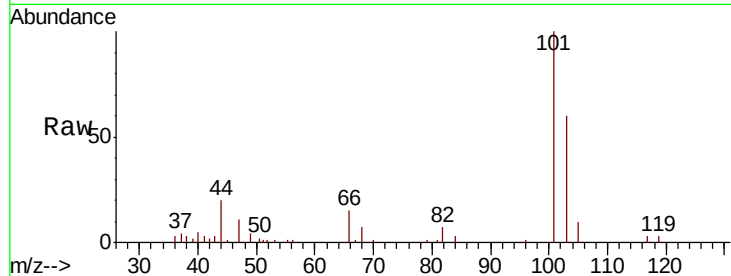


#7

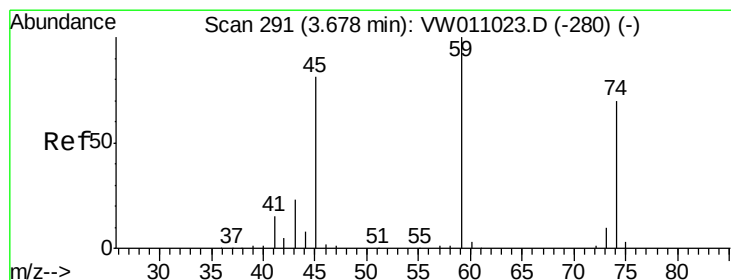
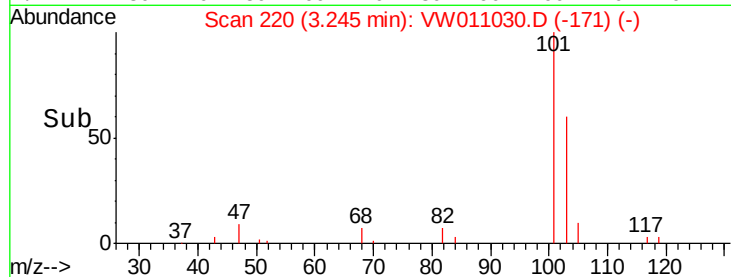
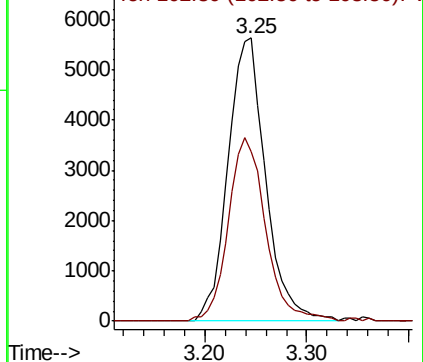
Trichlorofluoromethane
 Concen: 17.861 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion:101 Resp: 14390
 Ion Ratio Lower Upper
 101 100
 103 60.0 47.5 71.3



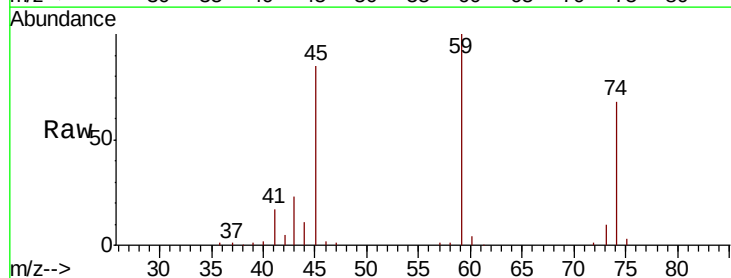
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



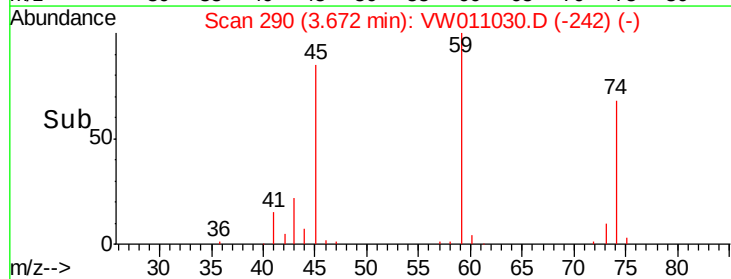
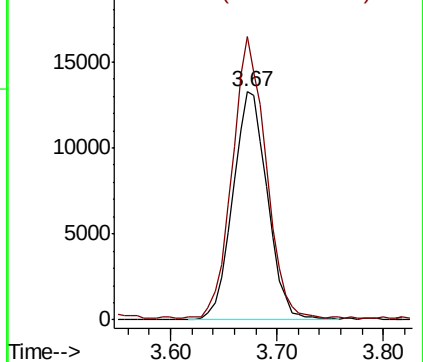
#8

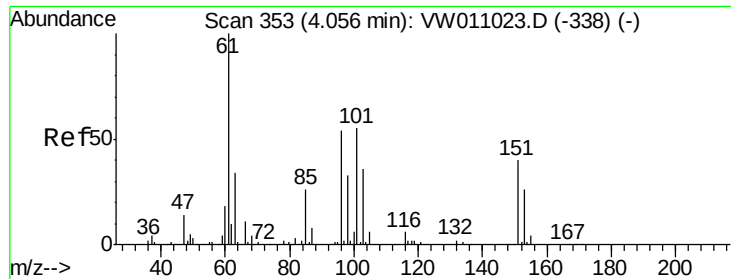
Diethyl Ether
 Concen: 23.669 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 74 Resp: 30200
 Ion Ratio Lower Upper
 74 100
 45 120.7 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: 20.449 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampled :

VW0628SBS01

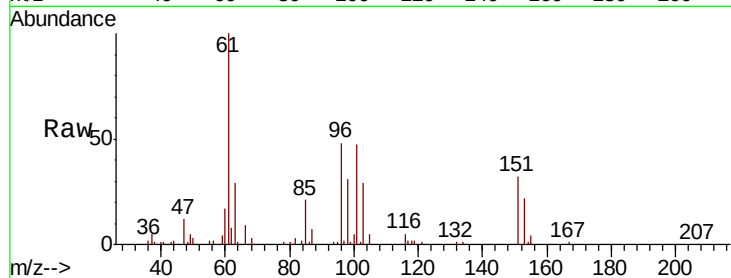
Tot Ion:101 Resp: 46335

Ion Ratio Lower Upper

101 100

85 45.8 36.6 55.0

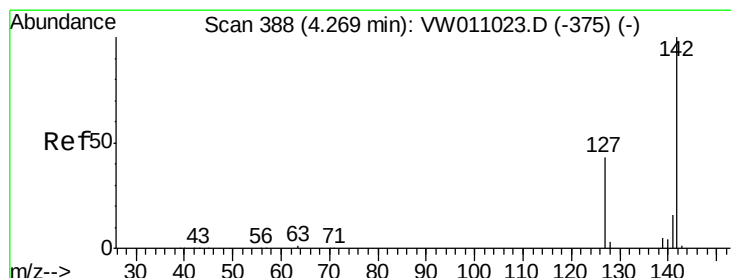
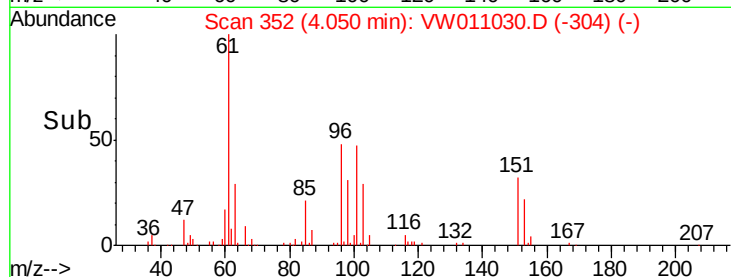
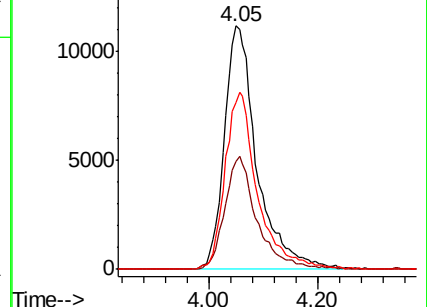
151 72.6 58.9 88.3



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: 21.862 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

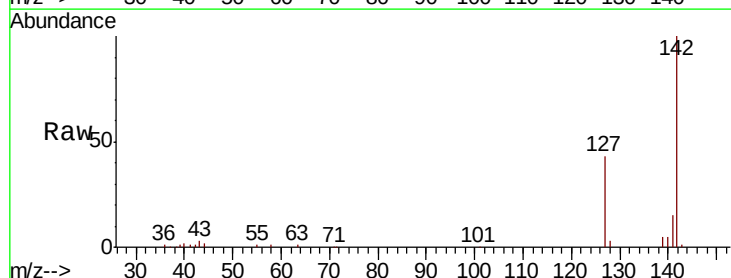
Tgt Ion:142 Resp: 69305

Ion Ratio Lower Upper

142 100

127 43.8 35.8 53.8

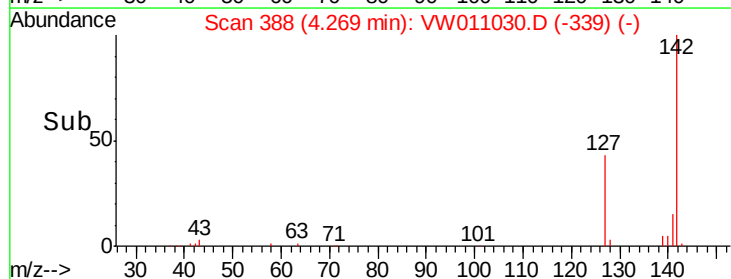
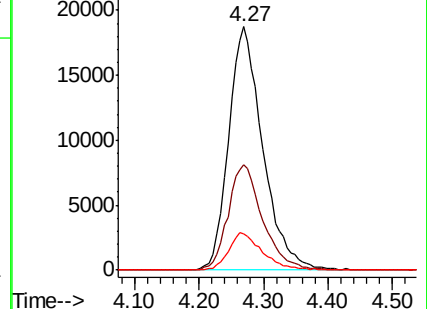
141 15.0 12.2 18.2

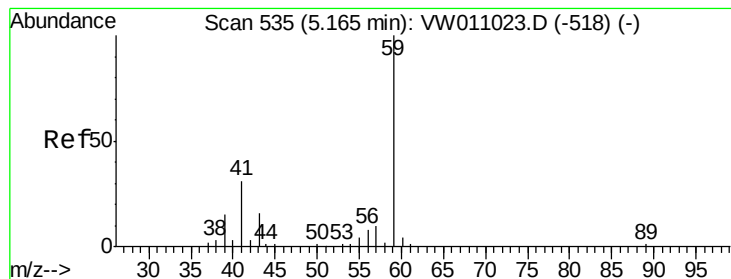


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



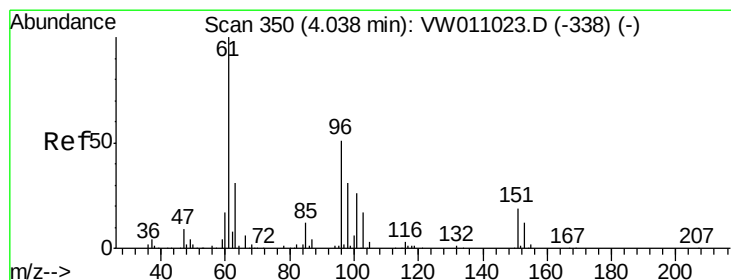
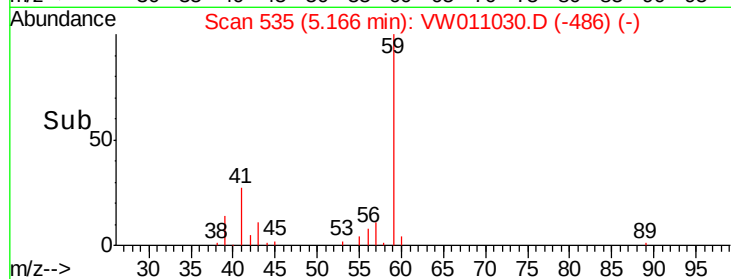
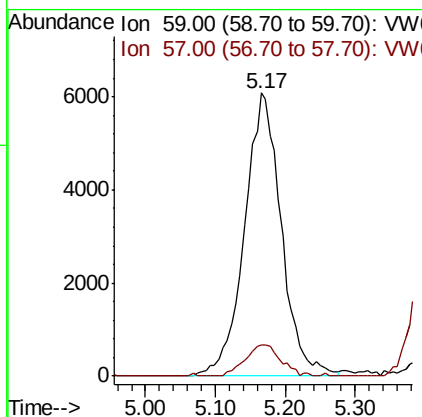
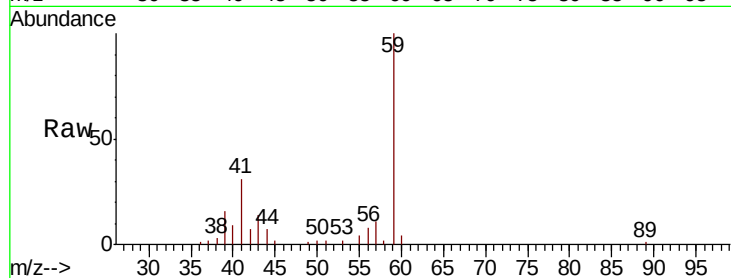


#11

Tert butyl alcohol
 Concen: 112.334 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

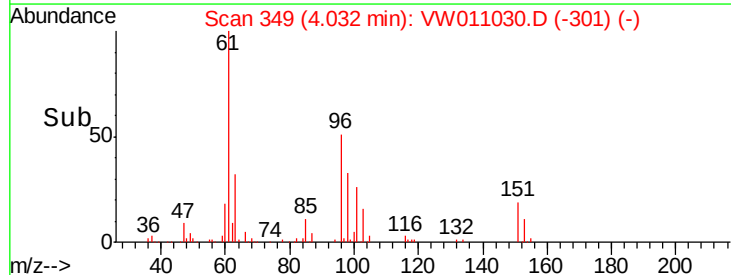
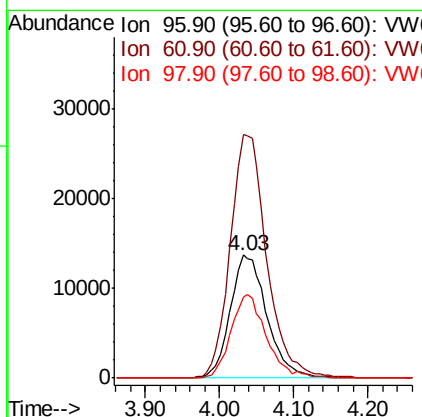
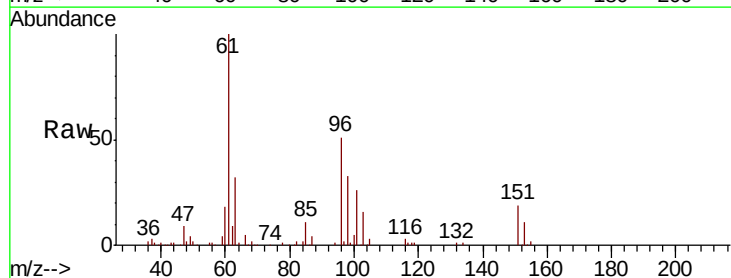
Tot Ion: 59 Resp: 22222
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.4

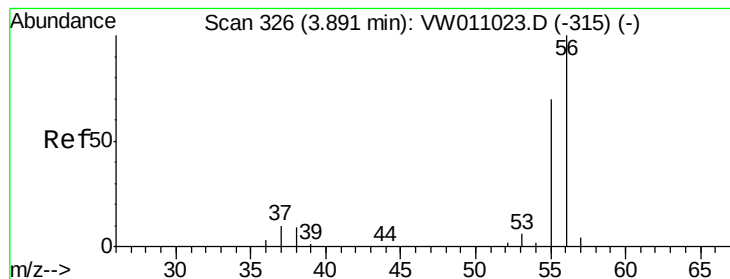


#12

1,1-Dichloroethene
 Concen: 20.018 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 96 Resp: 47212
 Ion Ratio Lower Upper
 96 100
 61 197.8 156.0 234.0
 98 66.0 48.7 73.1





#13

Acrolein

Concen: 95.448 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

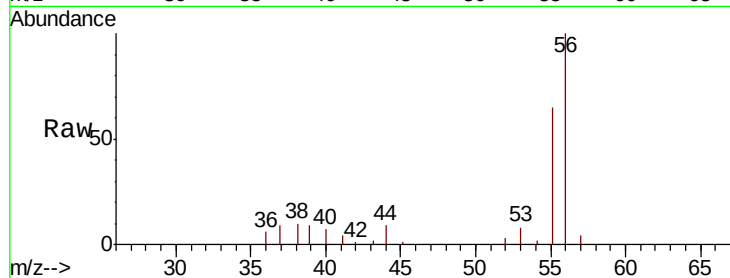
VW0628SBS01

Tot Ion: 56 Resp: 14724

Ion Ratio Lower Upper

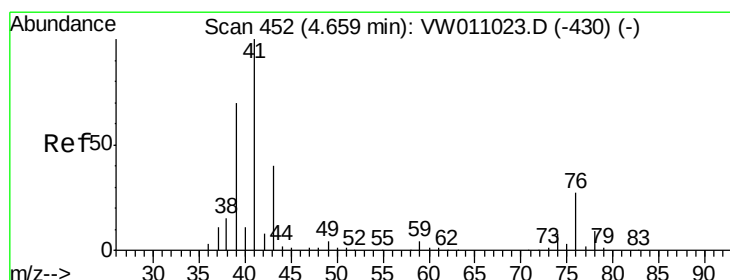
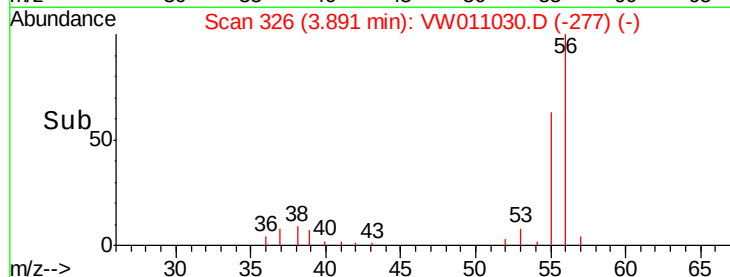
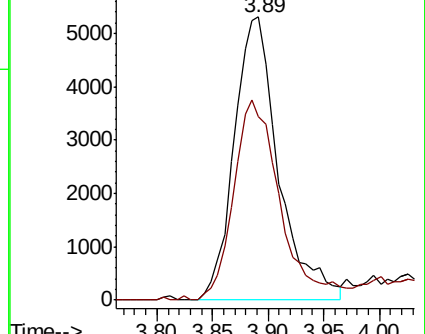
56 100

55 74.0 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: 20.790 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

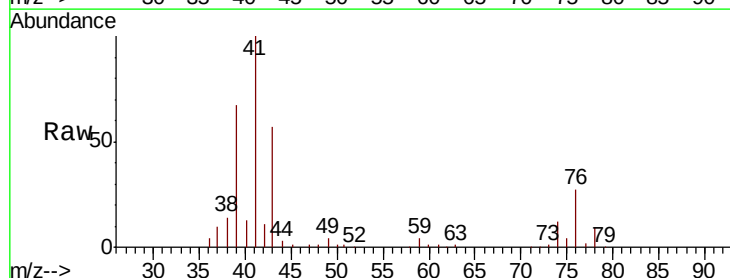
Tgt Ion: 41 Resp: 78917

Ion Ratio Lower Upper

41 100

39 69.2 55.4 83.2

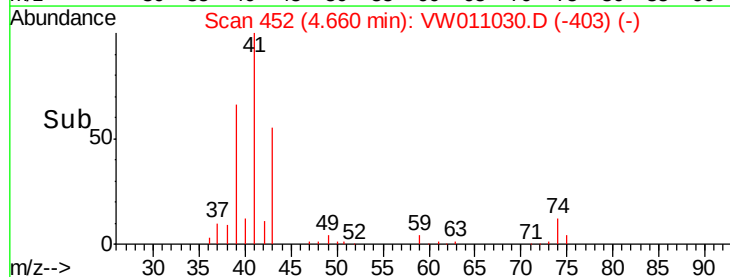
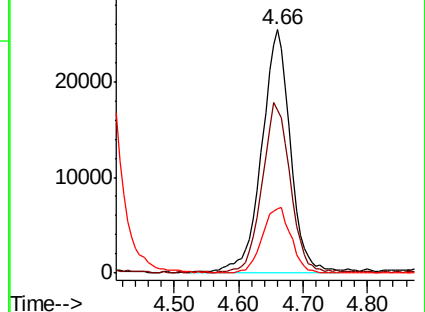
76 26.8 22.0 33.0

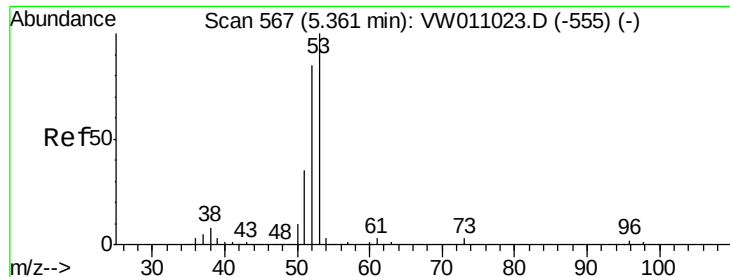


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 115.523 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

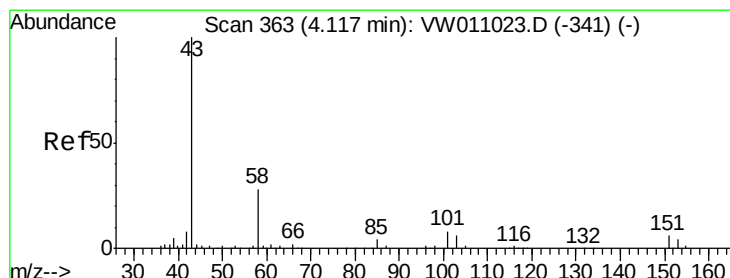
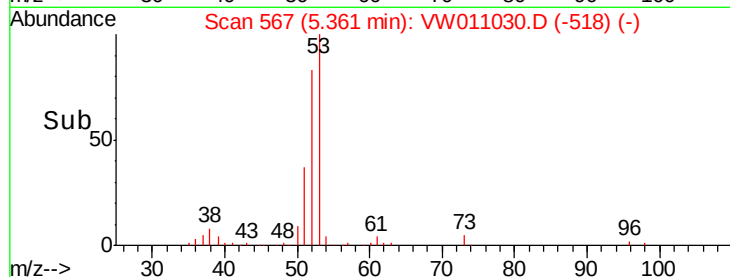
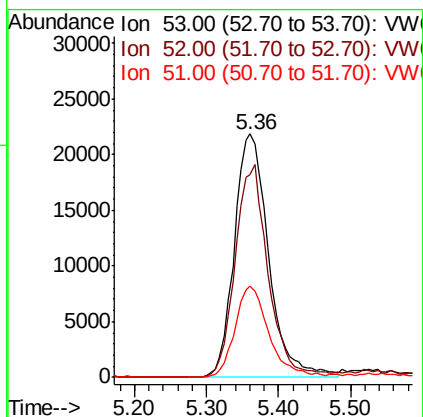
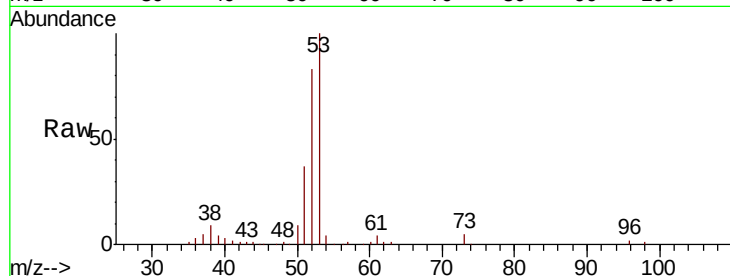
Tot Ion: 53 Resp: 72585

Ion Ratio Lower Upper

53 100

52 83.7 66.3 99.5

51 36.9 29.8 44.6



#16

Acetone

Concen: 105.837 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011030.D

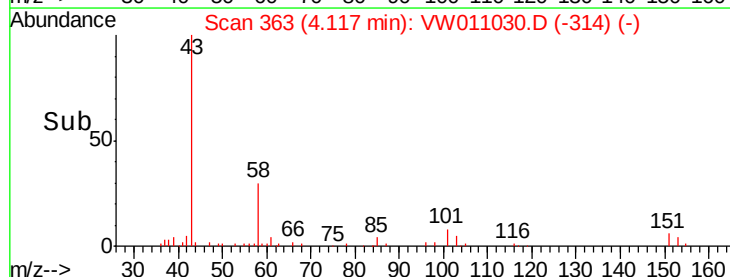
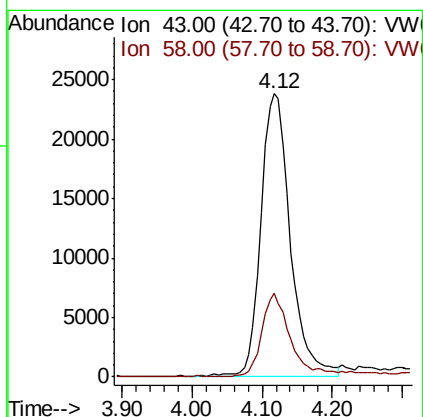
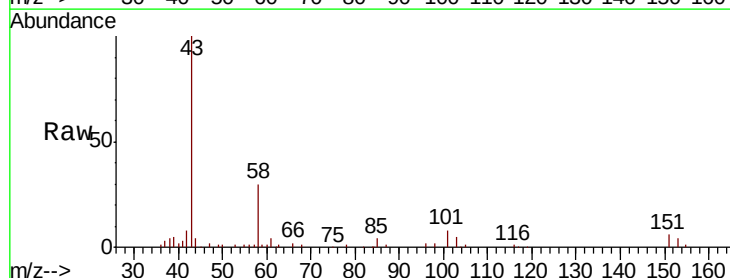
Acq: 27 Jun 2019 22:12

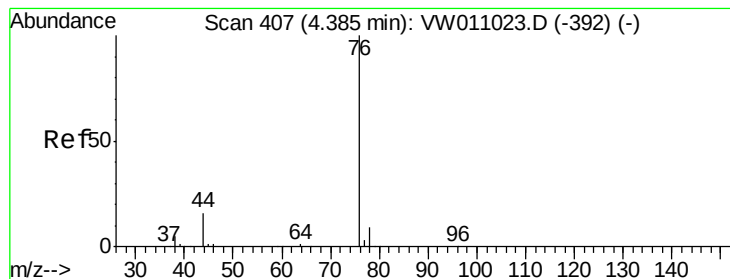
Tgt Ion: 43 Resp: 70366

Ion Ratio Lower Upper

43 100

58 29.4 22.5 33.7





#17

Carbon Disulfide

Concen: 20.199 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

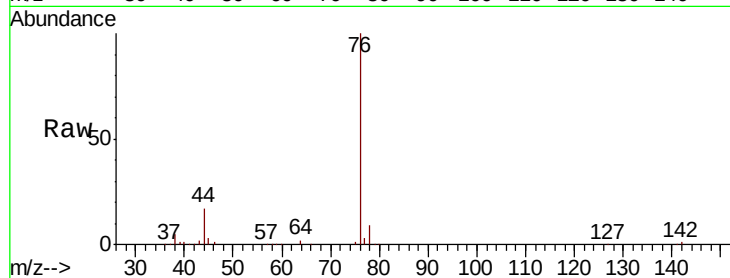
VW0628SBS01

Tot Ion: 76 Resp: 135154

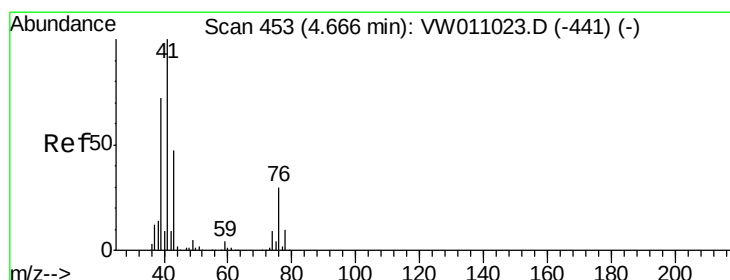
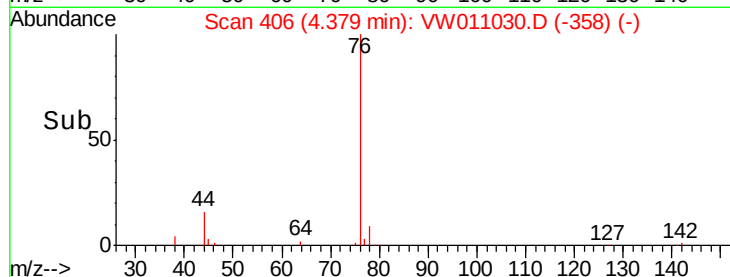
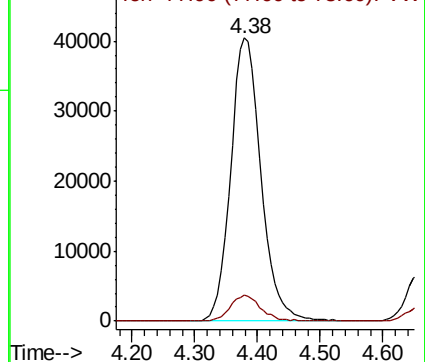
Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 26.313 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011030.D

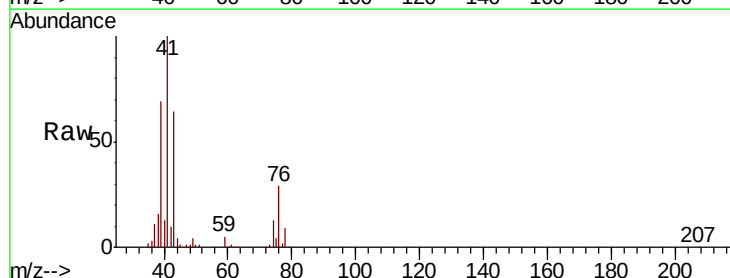
Acq: 27 Jun 2019 22:12

Tgt Ion: 43 Resp: 45317

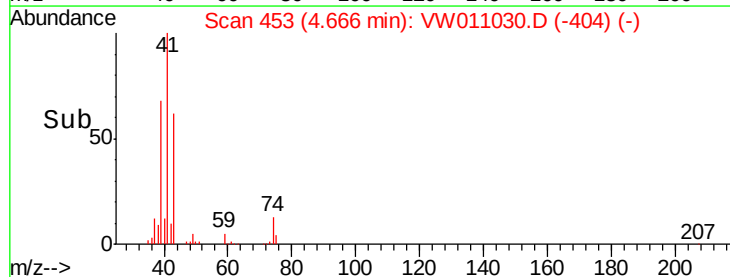
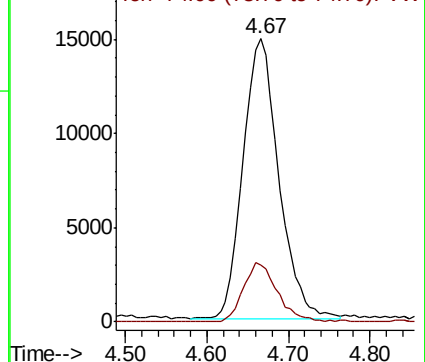
Ion Ratio Lower Upper

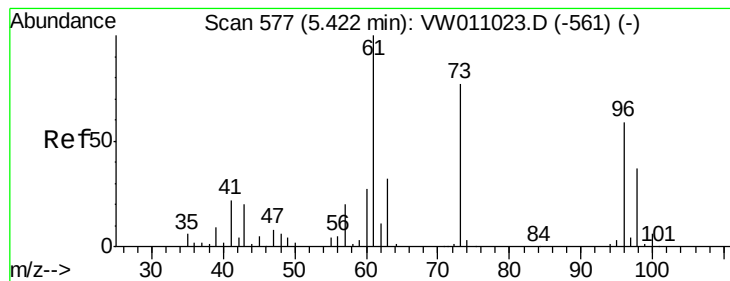
43 100

74 20.0 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW



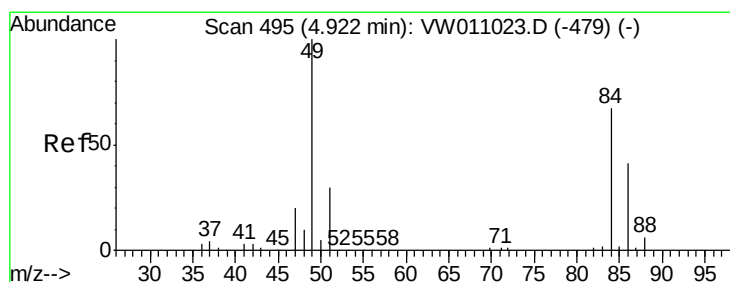
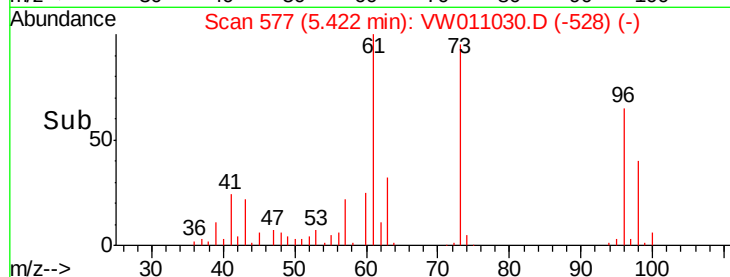
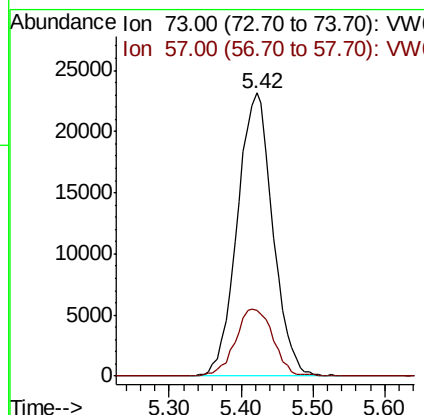
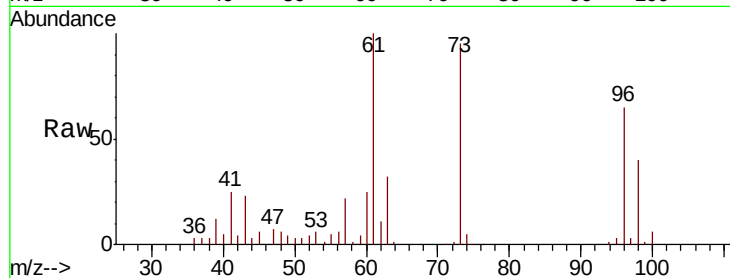


#19

Methyl tert-butyl Ether
 Concen: 23.681 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

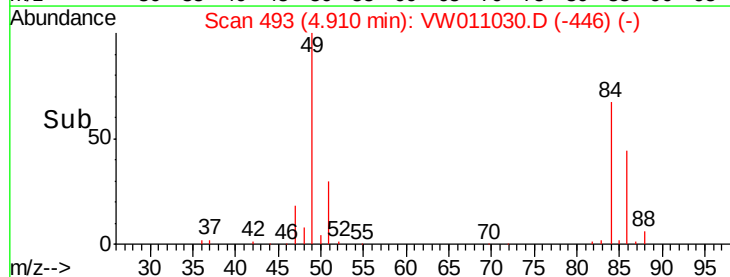
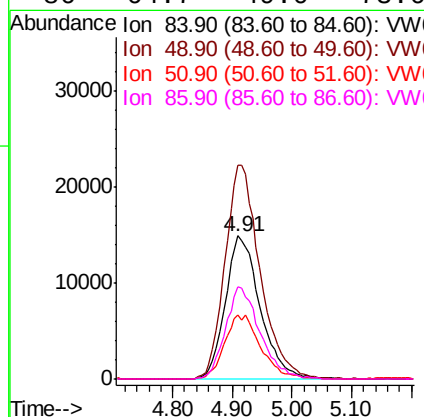
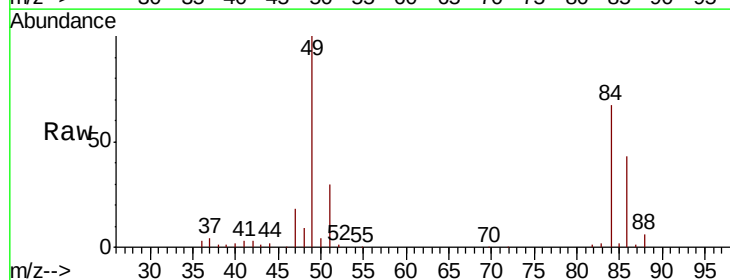
Tot Ion: 73 Resp: 79052
 Ion Ratio Lower Upper
 73 100
 57 23.3 20.8 31.2

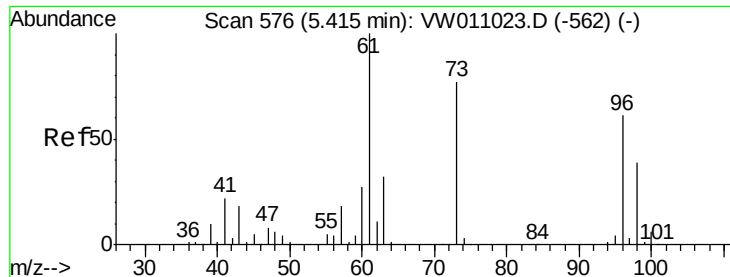


#20

Methylene Chloride
 Concen: 22.283 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 84 Resp: 60193
 Ion Ratio Lower Upper
 84 100
 49 149.6 119.6 179.4
 51 45.1 35.6 53.4
 86 64.7 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 21.023 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

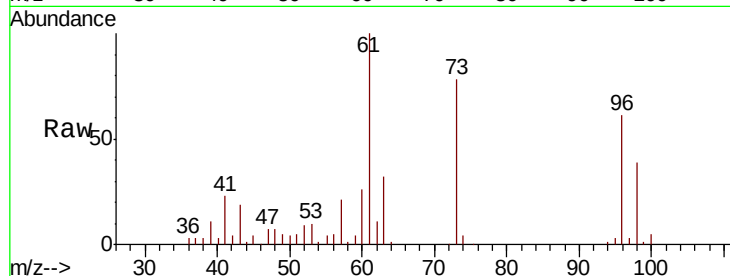
Tot Ion: 96 Resp: 51093

Ion Ratio Lower Upper

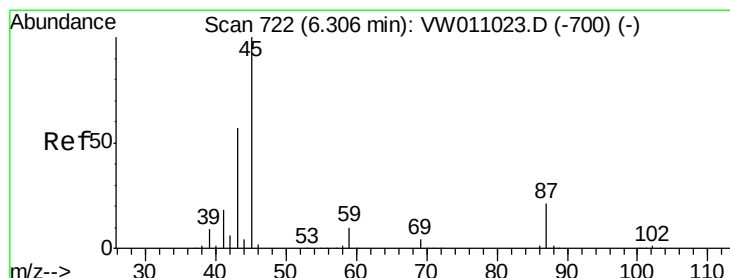
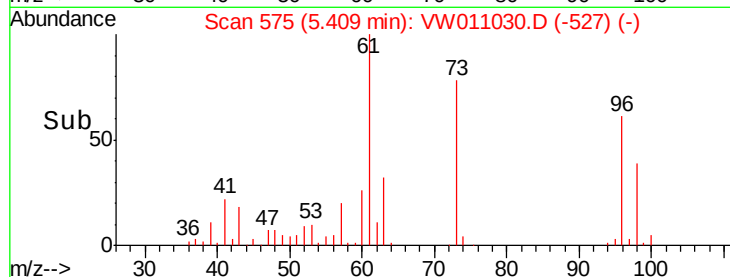
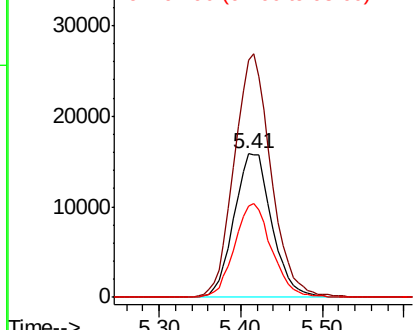
96 100

61 165.0 131.0 196.4

98 63.5 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: 22.702 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Tgt Ion: 45 Resp: 207381

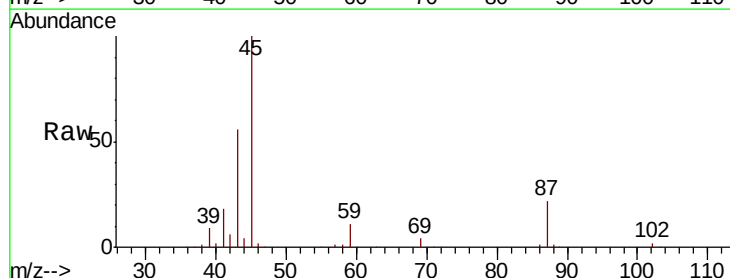
Ion Ratio Lower Upper

45 100

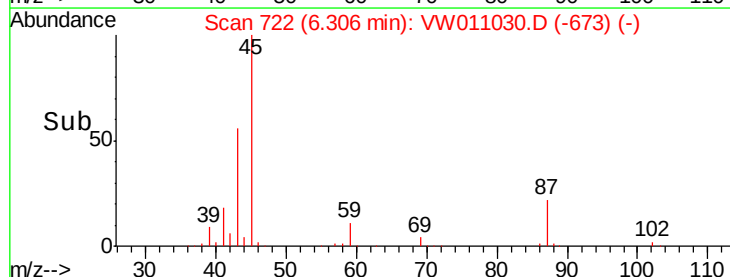
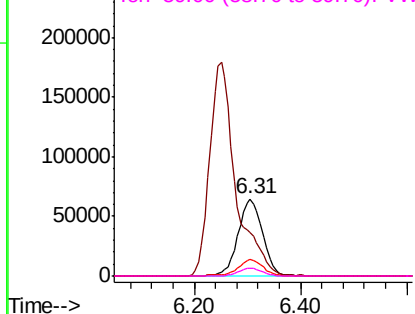
43 55.4 45.8 68.6

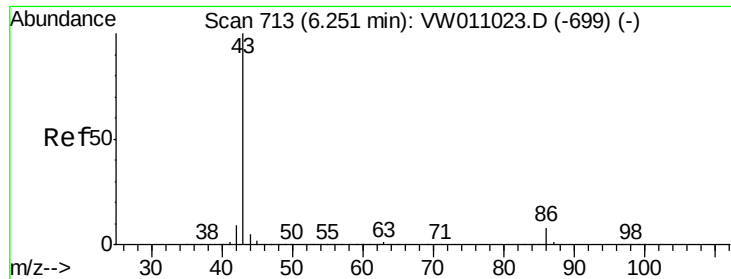
87 21.7 17.1 25.7

59 10.5 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: 107.791 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

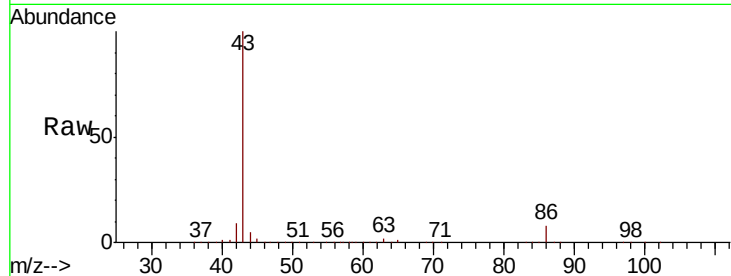
VW0628SBS01

Tot Ion: 43 Resp: 606701

Ion Ratio Lower Upper

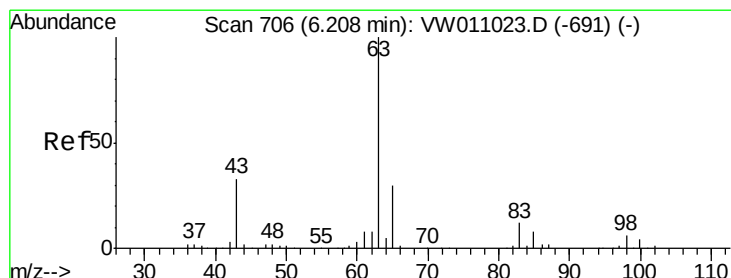
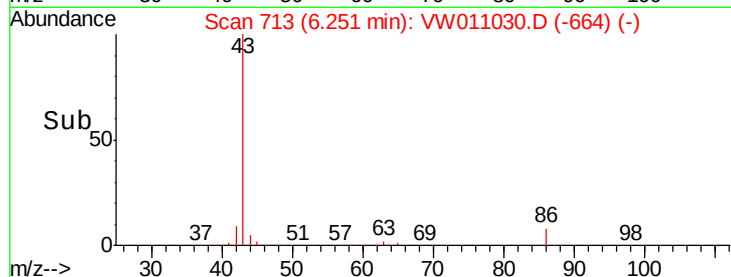
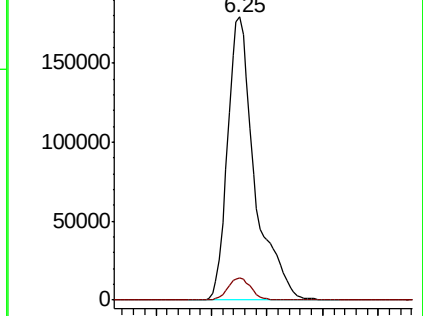
43 100

86 8.1 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.631 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

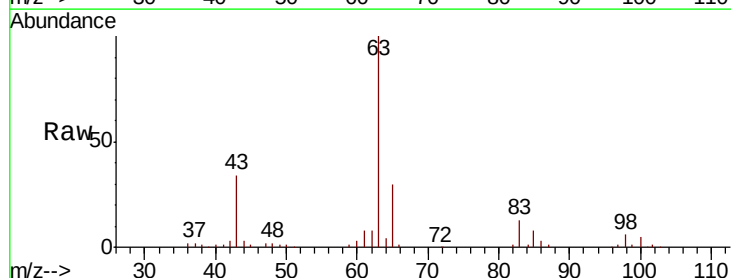
Tgt Ion: 63 Resp: 104300

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

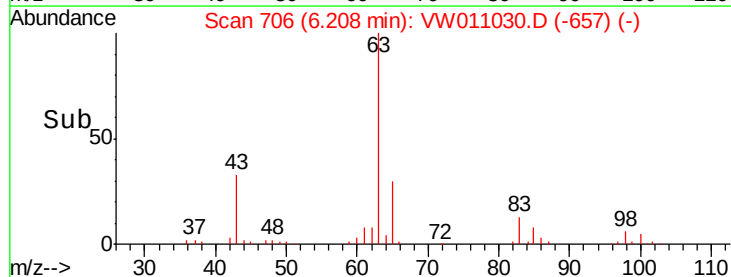
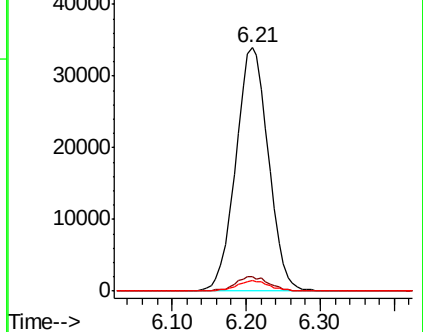
100 4.6 2.1 6.2

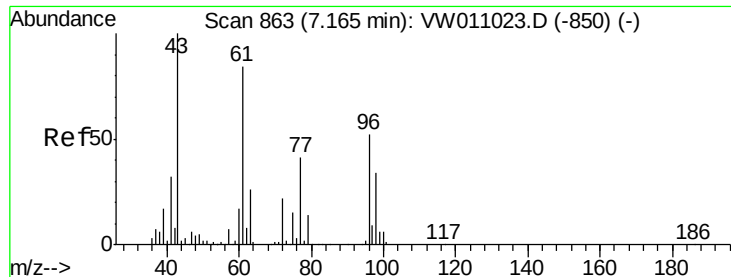


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

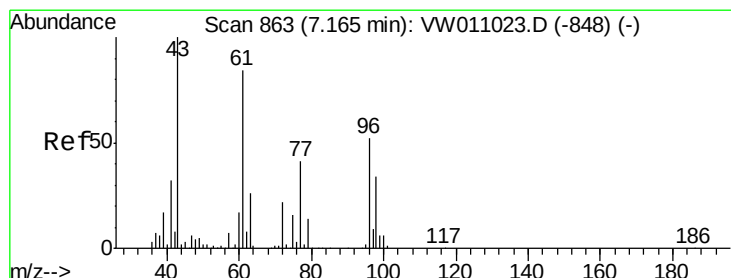
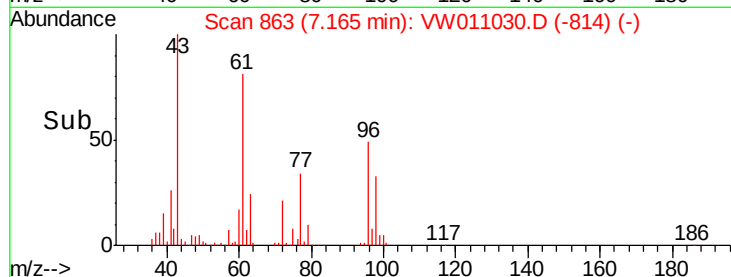
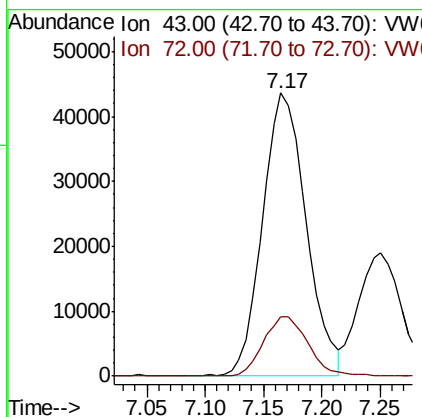
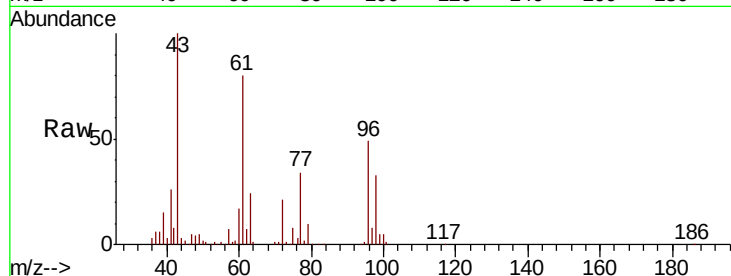




#25
2-Butanone
Concen: 111.722 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

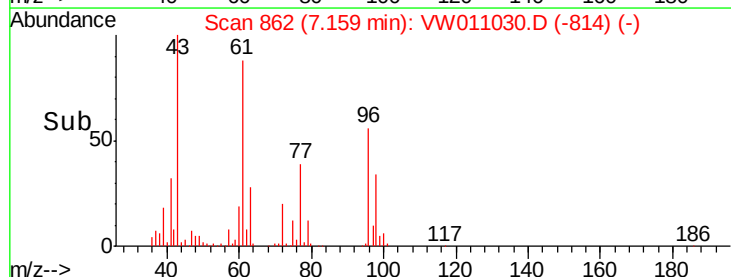
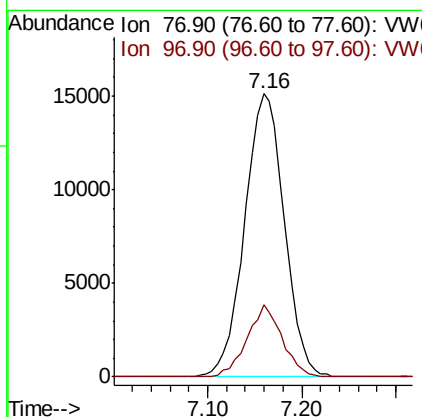
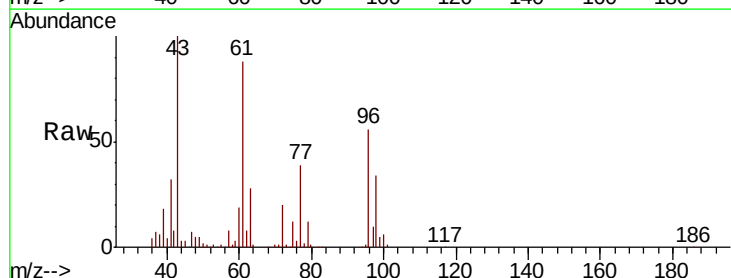
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

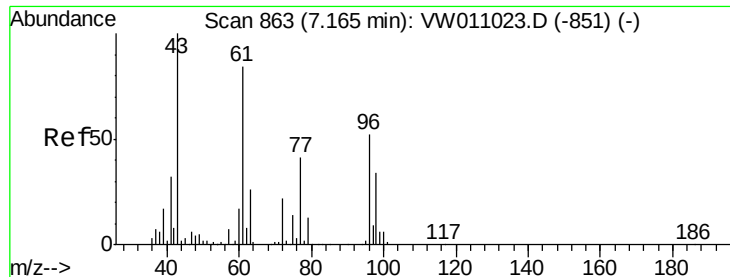
Tot Ion: 43 Resp: 112906
Ion Ratio Lower Upper
43 100
72 21.2 17.2 25.8



#26
2,2-Dichloropropane
Concen: 17.818 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 77 Resp: 44606
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7



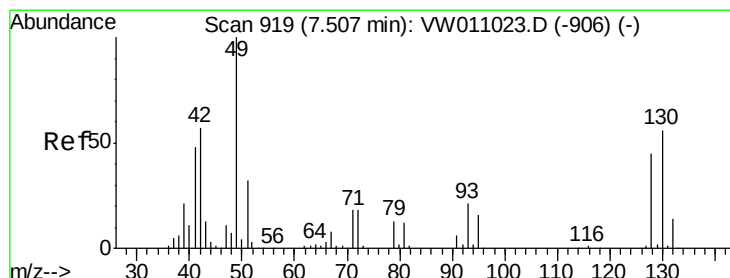
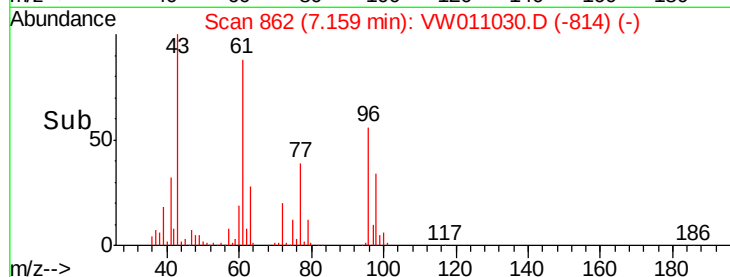
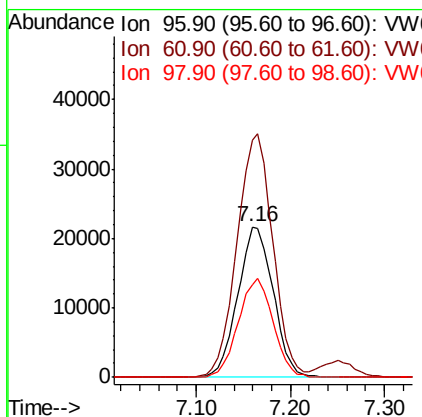
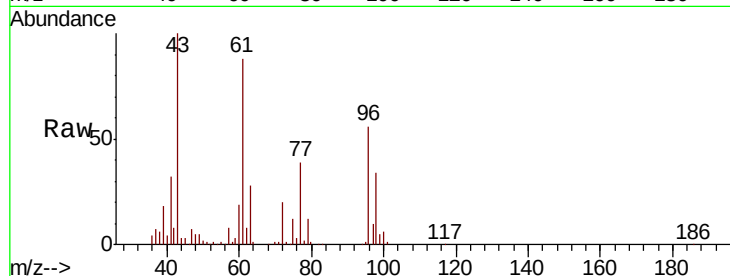


#27

cis-1,2-Dichloroethene
 Concen: 21.648 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

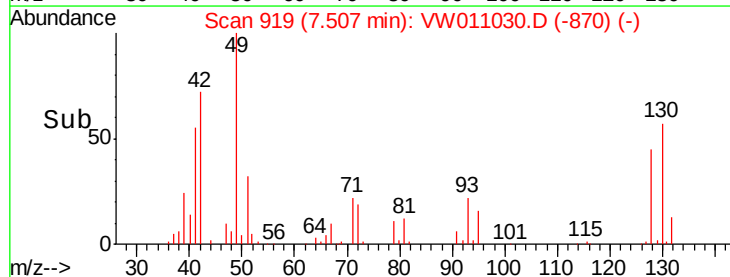
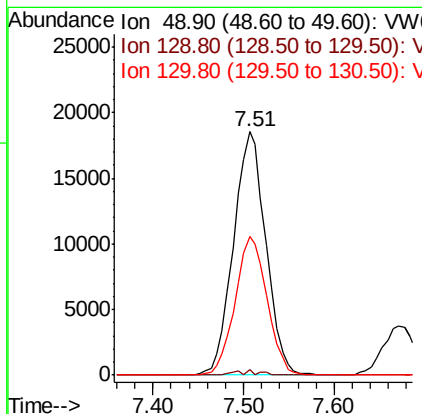
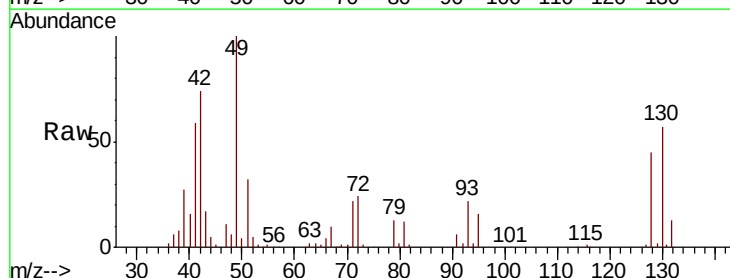
Tot Ion: 96 Resp: 56648
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 330.4
 98 64.8 0.0 129.4

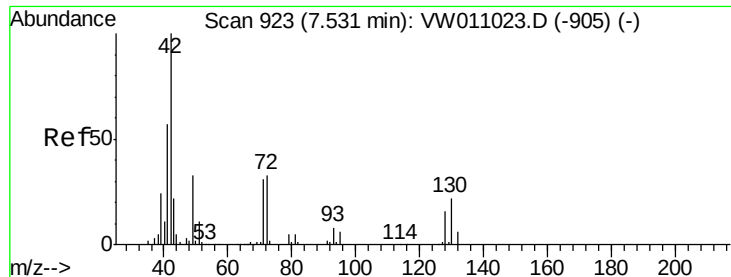


#28

Bromochloromethane
 Concen: 20.421 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 49 Resp: 45839
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.4
 130 56.0 46.1 69.1

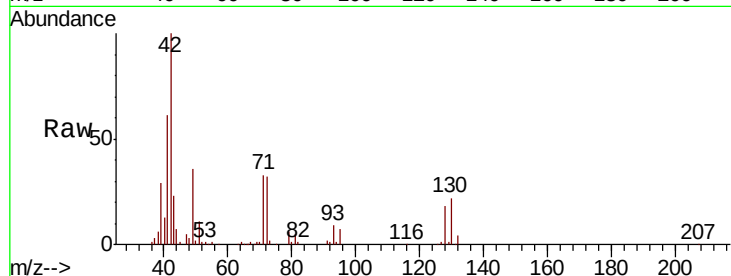




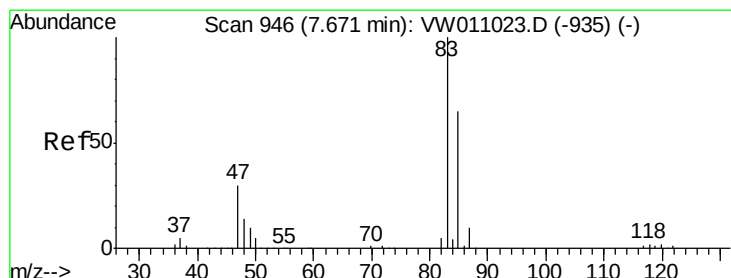
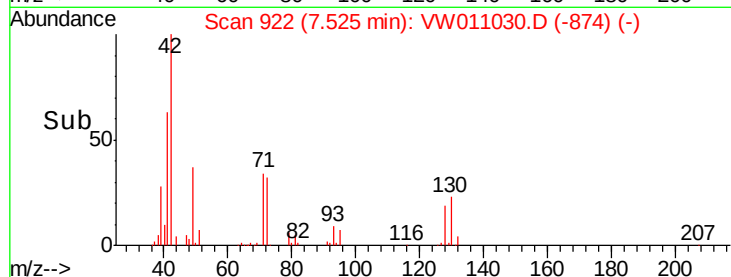
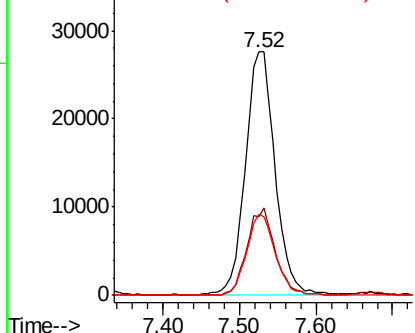
#29
Tetrahydrofuran
Concen: 117.547 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 42 Resp: 73950
Ion Ratio Lower Upper
42 100
72 34.6 27.4 41.0
71 32.6 25.6 38.4

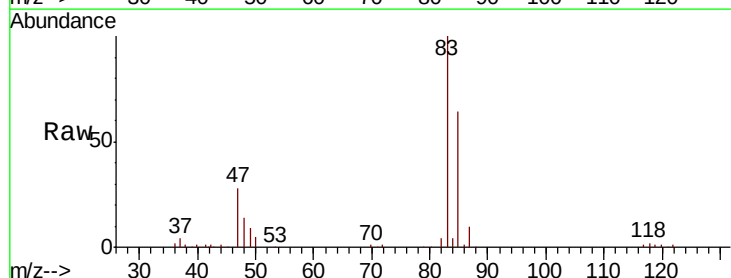


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

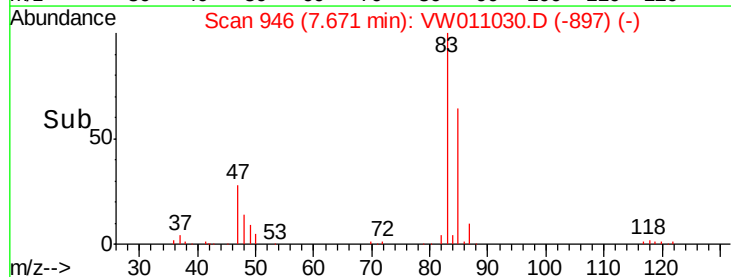
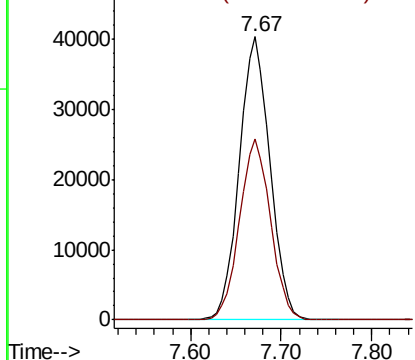


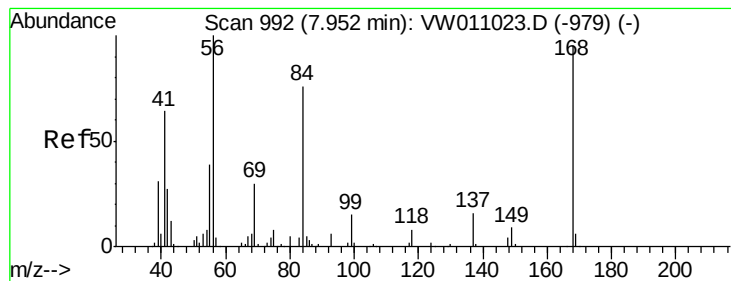
#30
Chloroform
Concen: 21.593 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 83 Resp: 94591
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4



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





#31

Cyclohexane

Concen: 20.271 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

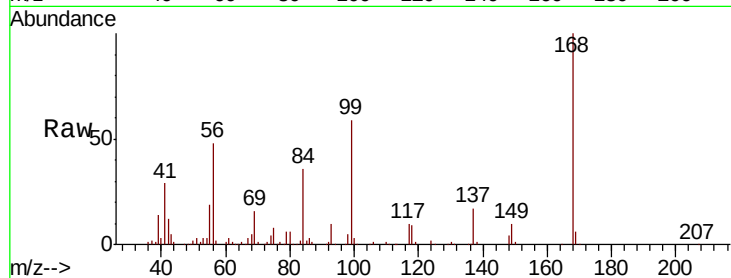
Tot Ion: 56 Resp: 105615

Ion Ratio Lower Upper

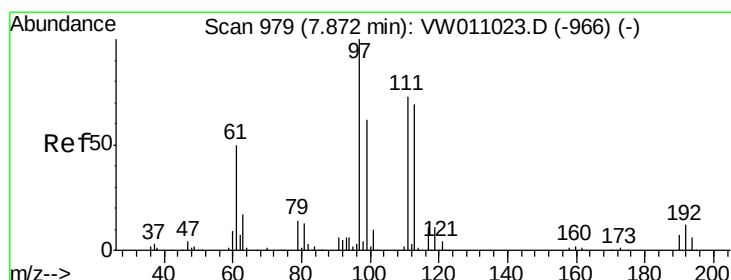
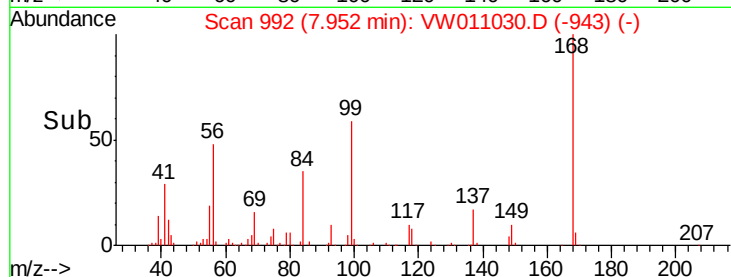
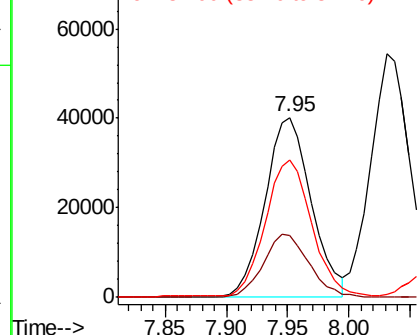
56 100

69 34.5 24.2 36.2

84 74.9 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: 20.437 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

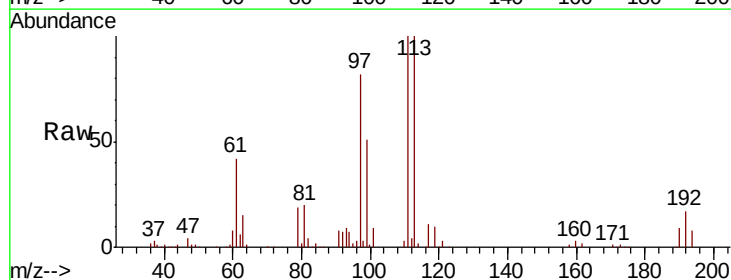
Tgt Ion: 97 Resp: 66899

Ion Ratio Lower Upper

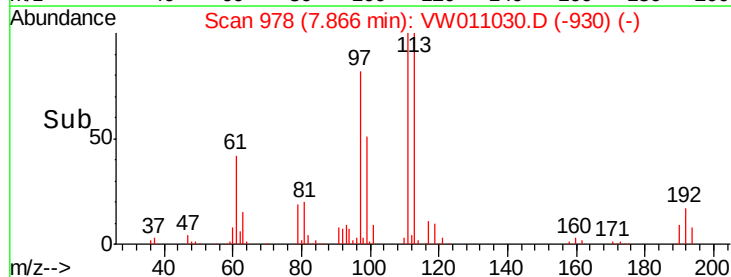
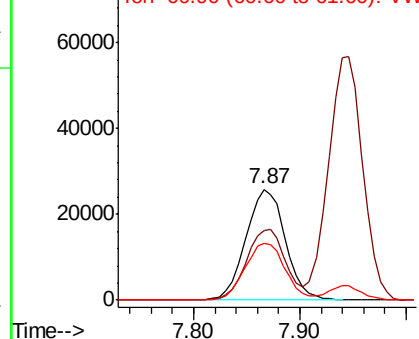
97 100

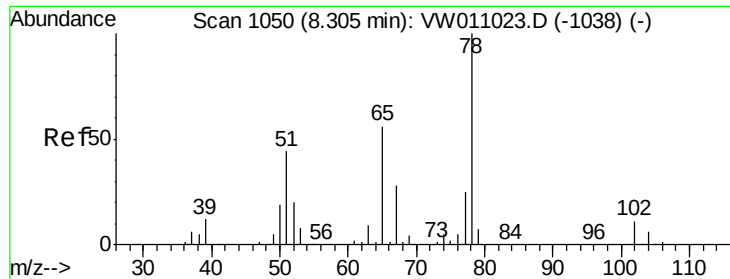
99 63.5 51.1 76.7

61 52.9 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

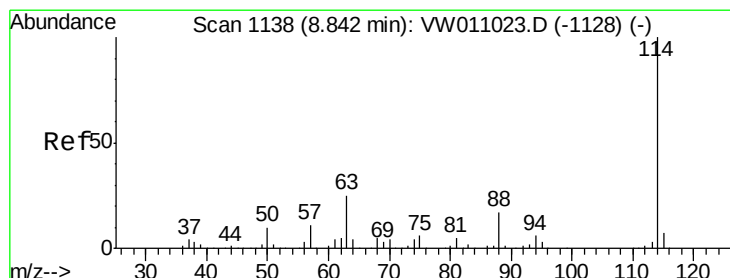
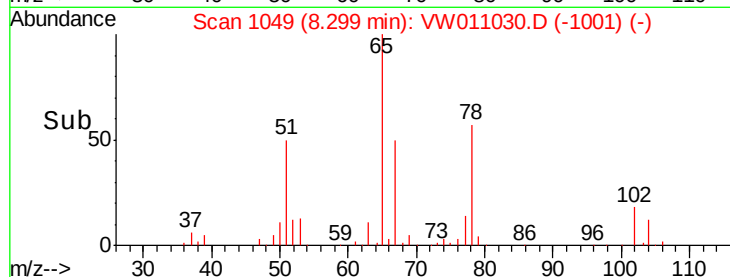
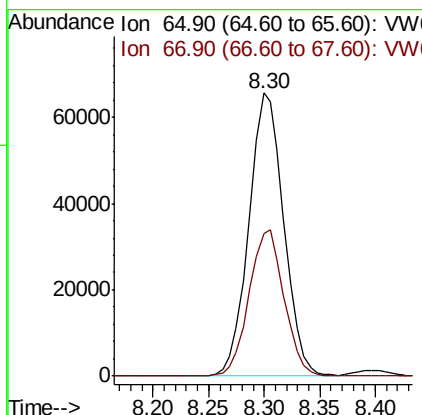
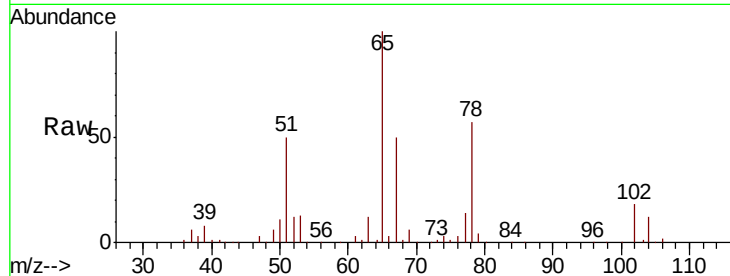




#33
 1,2-Dichloroethane-d4
 Concen: 52.617 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

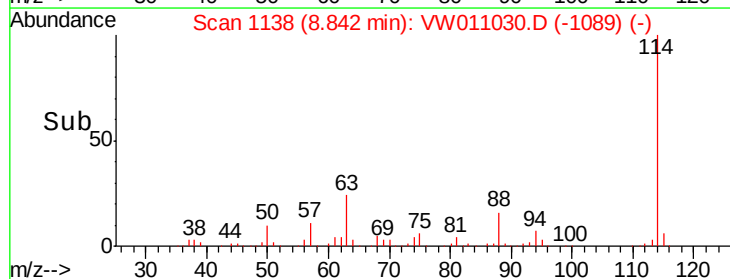
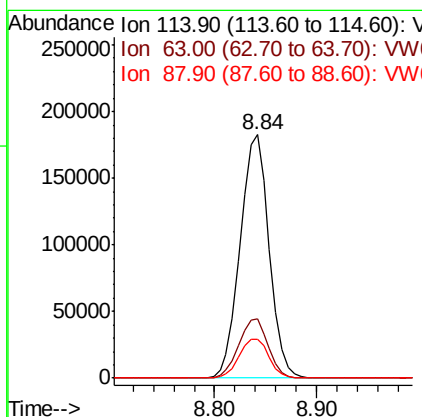
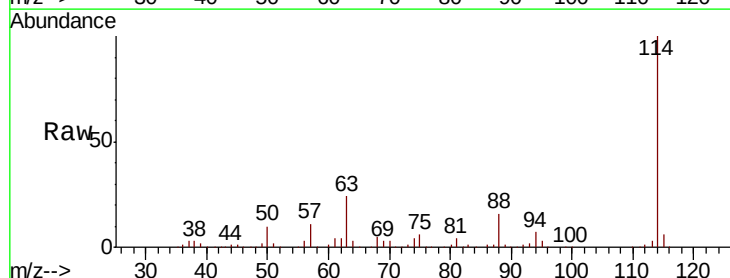
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

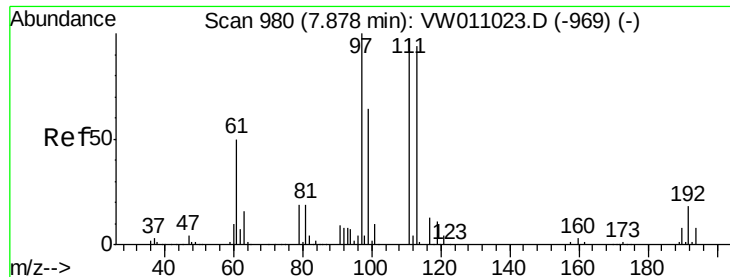
Tot Ion: 65 Resp: 143315
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 114 Resp: 359231
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.2 0.0 34.0

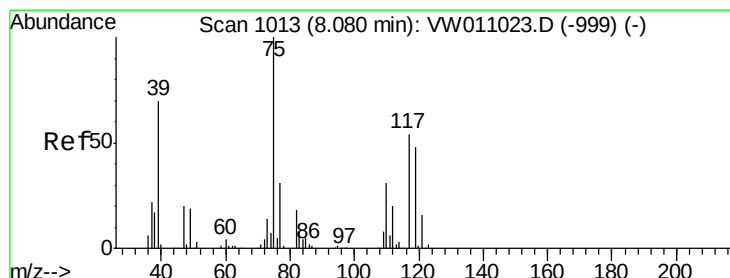
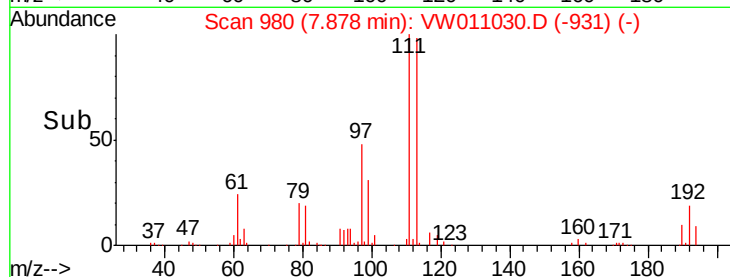
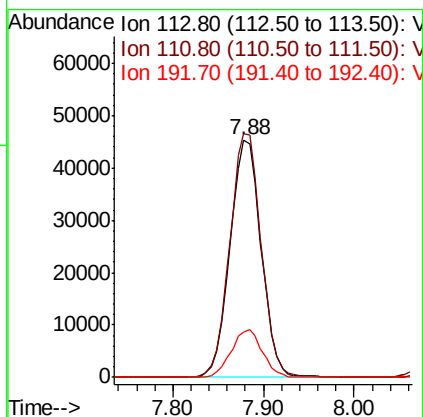
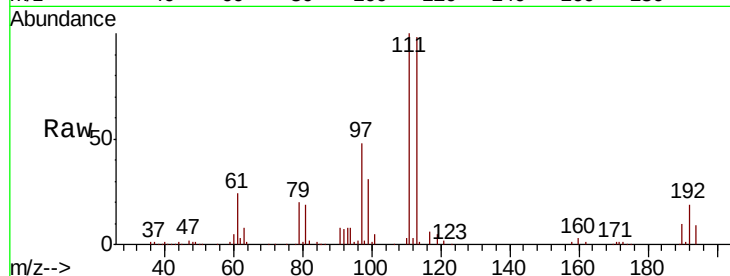




#35
 Dibromofluoromethane
 Concen: 49.206 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

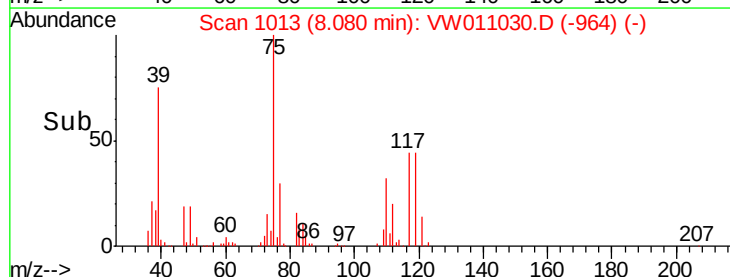
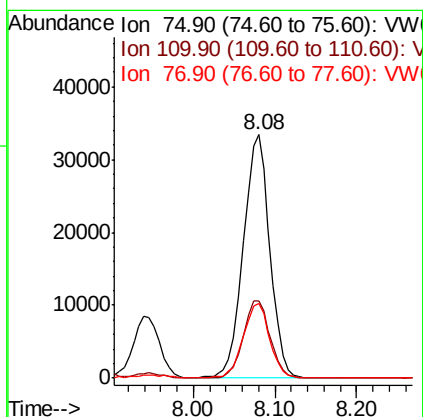
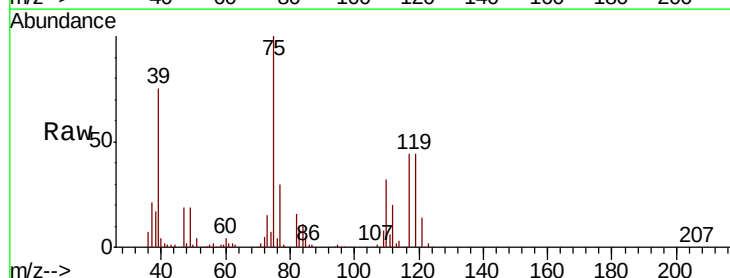
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

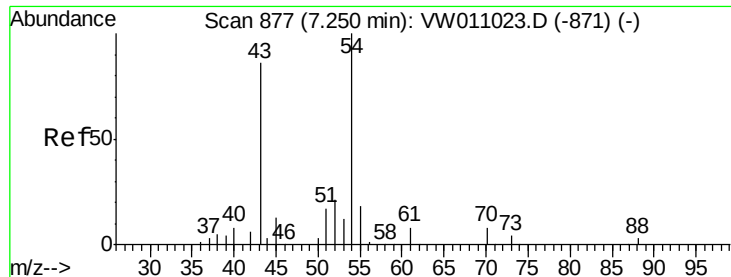
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.6
192	20.0	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 19.569 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.0	15.5	46.5
77	30.7	24.9	37.3

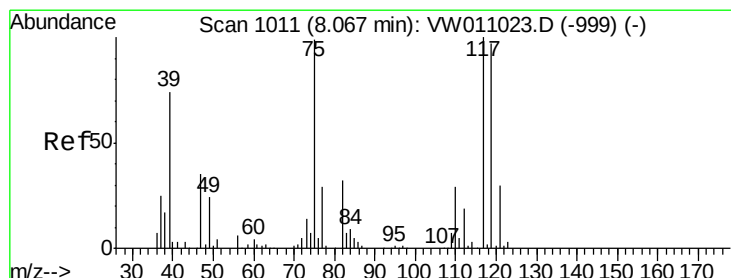
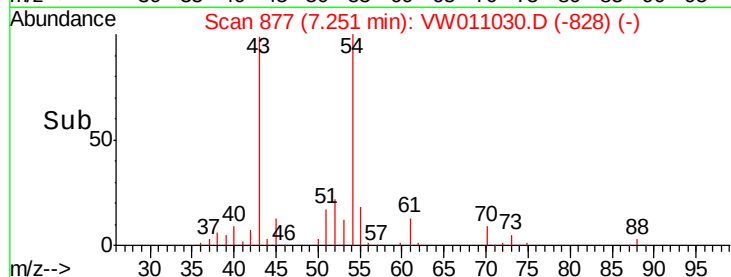
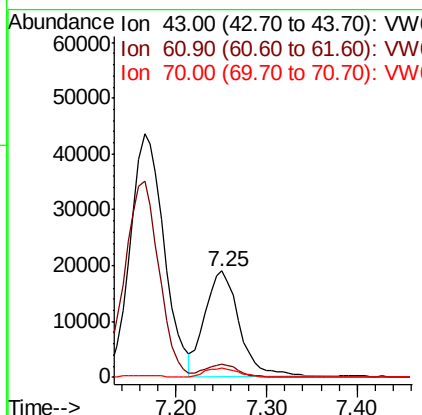
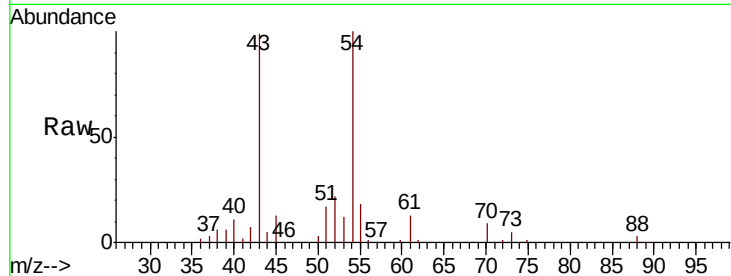




#37
Ethyl Acetate
Concen: 22.363 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

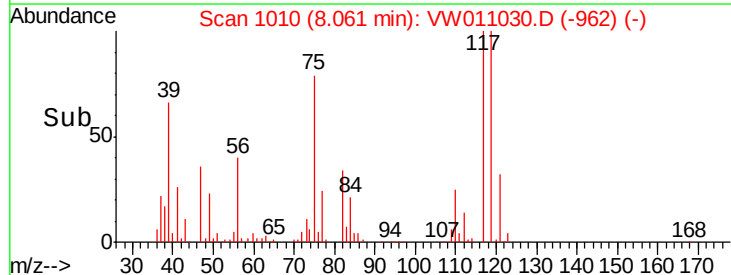
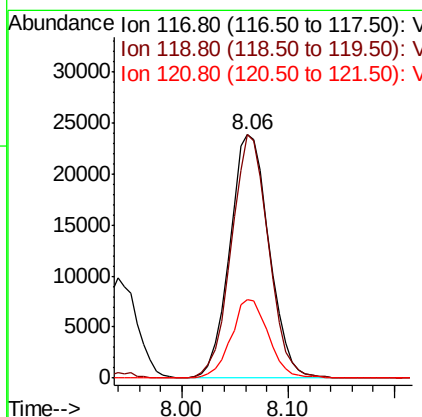
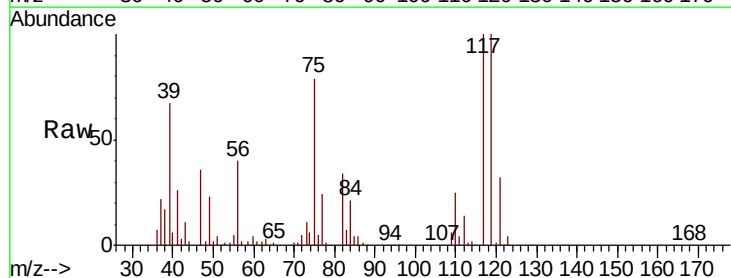
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

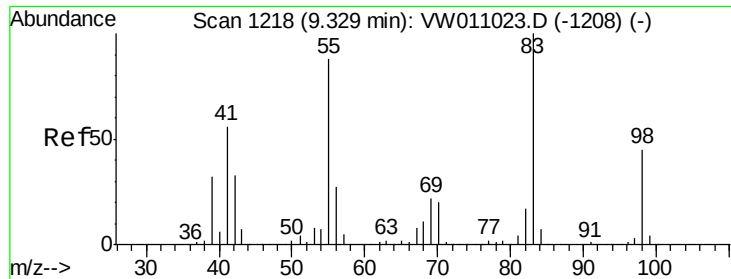
Tot Ion: 43 Resp: 50232
Ion Ratio Lower Upper
43 100
61 11.9 9.0 13.4
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.378 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 117 Resp: 61615
Ion Ratio Lower Upper
117 100
119 100.1 77.7 116.5
121 32.5 23.9 35.9

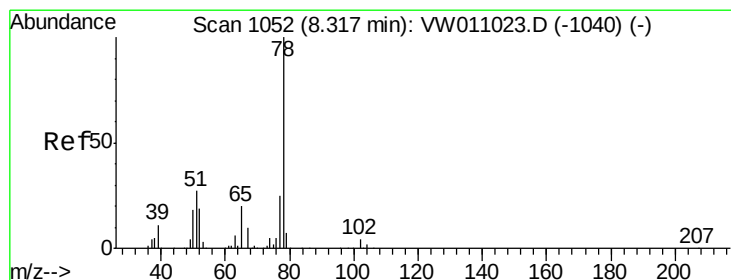
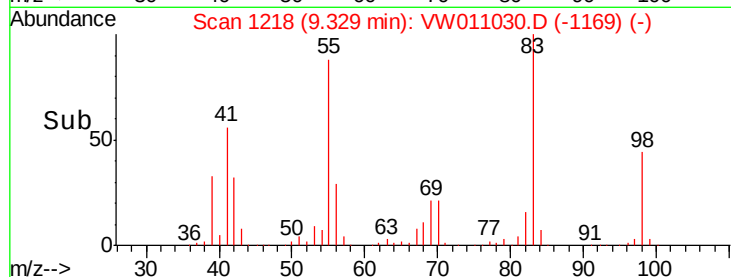
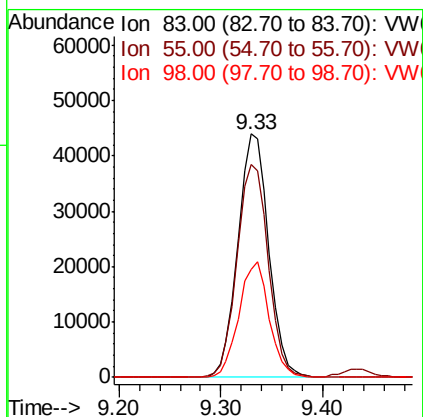
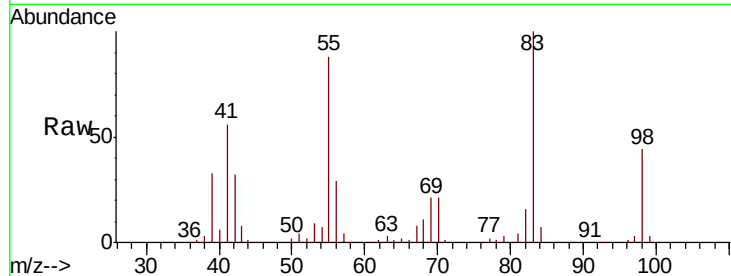




#39
Methylvlcyclohexane
Concen: 19.420 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

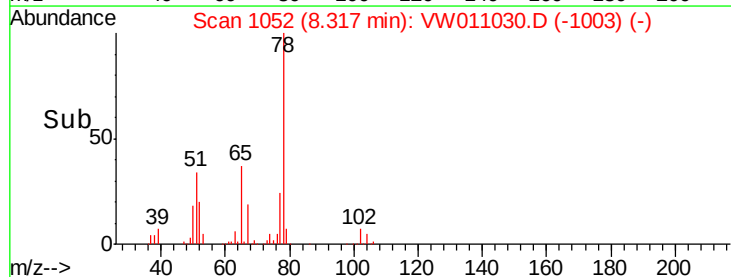
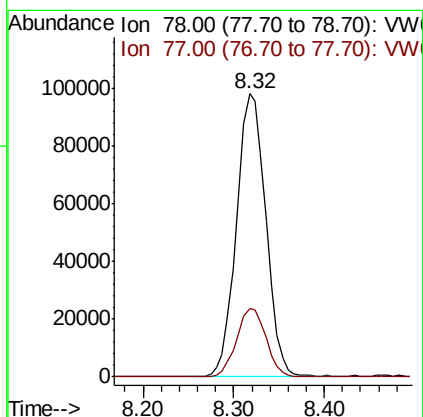
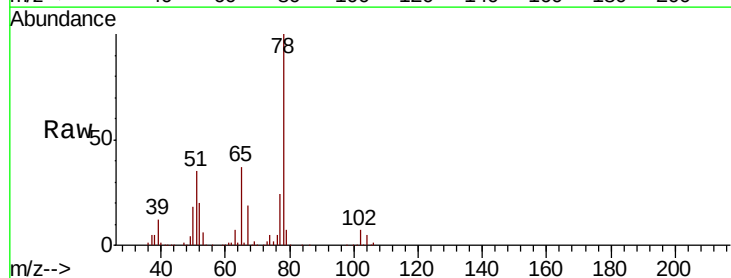
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

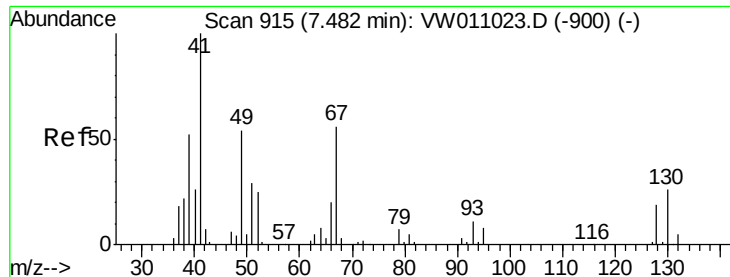
Tot Ion: 83 Resp: 92278
Ion Ratio Lower Upper
83 100
55 87.5 70.7 106.1
98 44.3 36.4 54.6



#40
Benzene
Concen: 20.784 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 78 Resp: 220719
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5





#41

Methacrylonitrile

Concen: 19.596 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 41 Resp: 26779

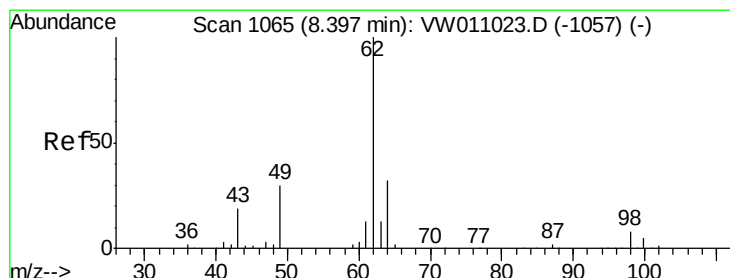
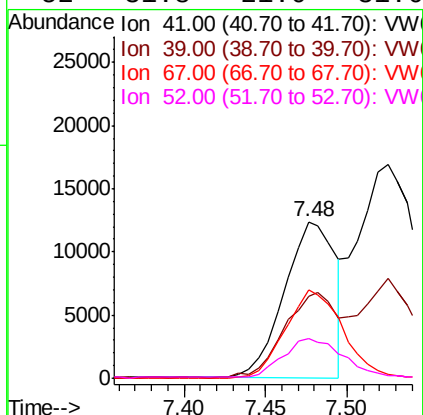
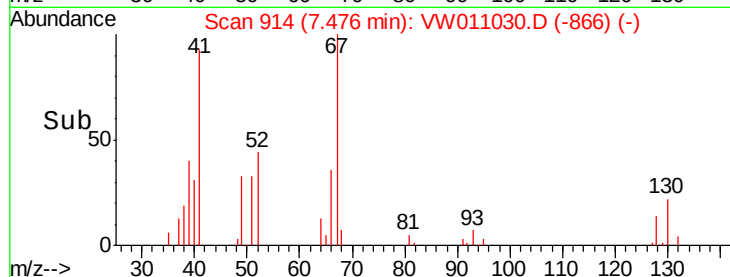
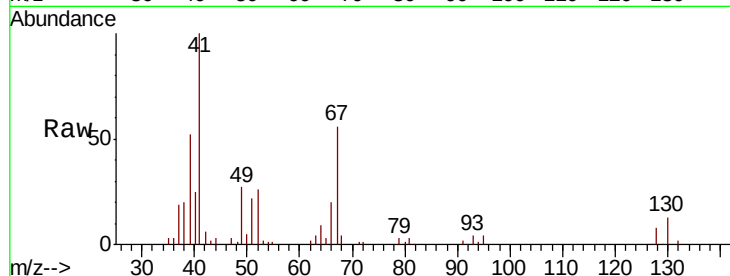
Ion Ratio Lower Upper

41 100

39 62.0 42.1 63.1

67 64.1 44.2 66.2

52 31.8 21.0 31.6#



#42

1,2-Dichloroethane

Concen: 21.722 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW011030.D

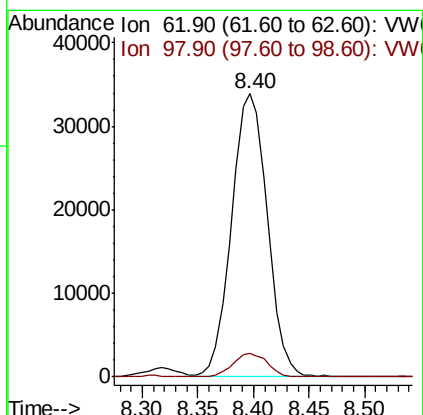
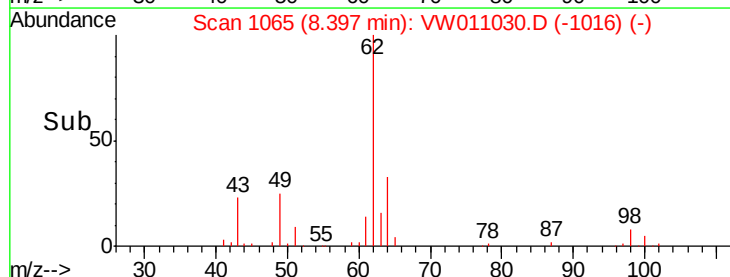
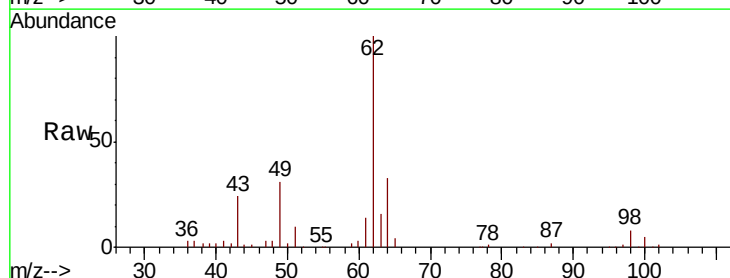
Acq: 27 Jun 2019 22:12

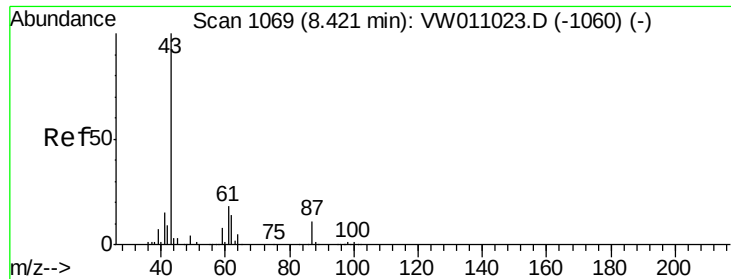
Tgt Ion: 62 Resp: 75635

Ion Ratio Lower Upper

62 100

98 8.1 0.0 16.8





#43

Isopropyl Acetate

Concen: 22.294 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

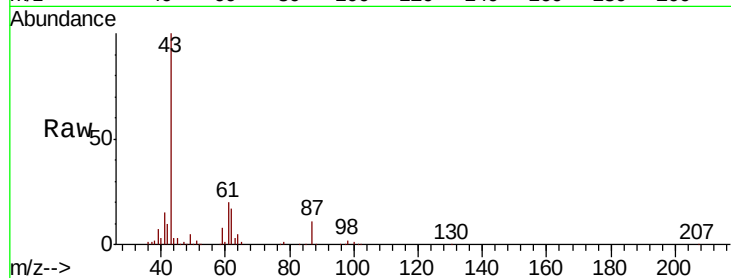
Tot Ion: 43 Resp: 94731

Ion Ratio Lower Upper

43 100

61 25.9 21.0 31.6

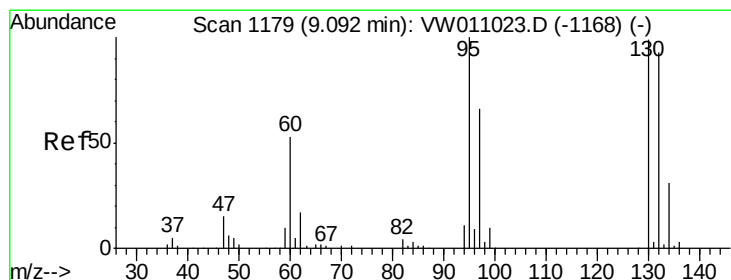
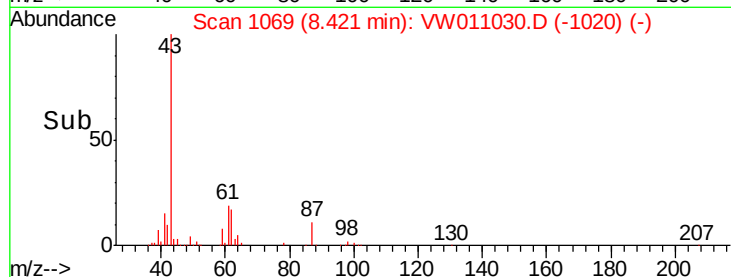
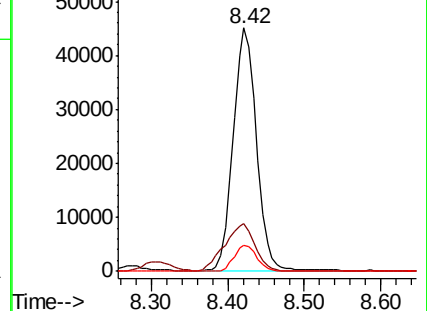
87 10.6 8.2 12.4



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: 20.205 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011030.D

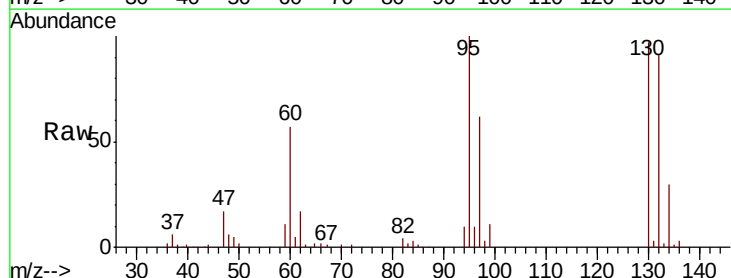
Acq: 27 Jun 2019 22:12

Tgt Ion: 130 Resp: 51858

Ion Ratio Lower Upper

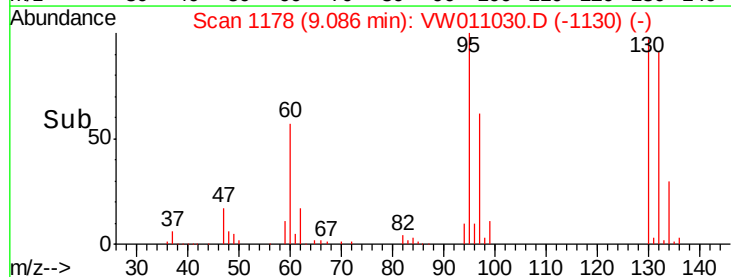
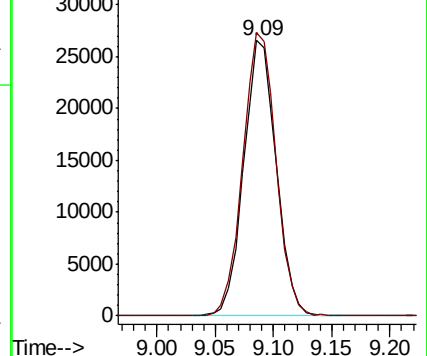
130 100

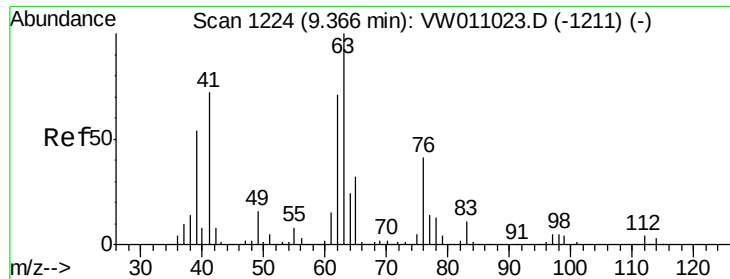
95 102.8 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

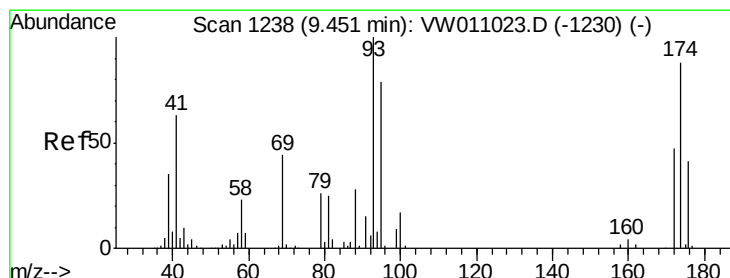
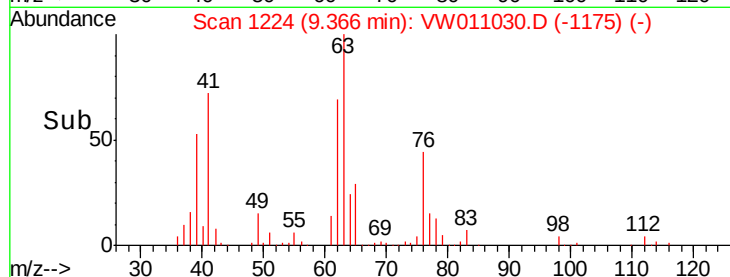
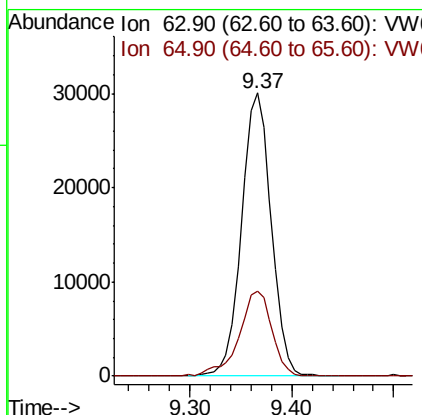
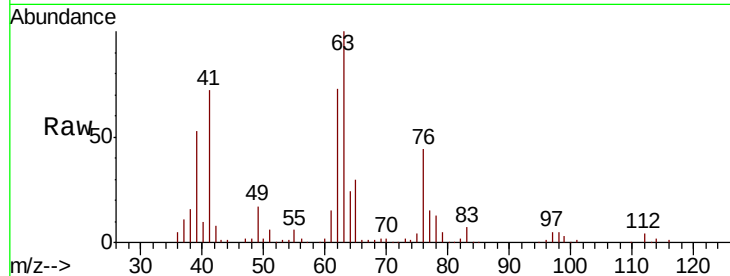




#45
 1,2-Dichloropropane
 Concen: 21.004 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

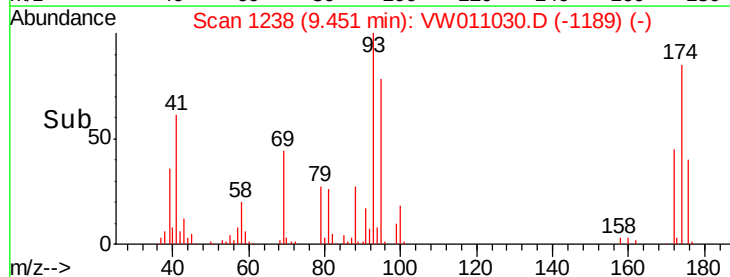
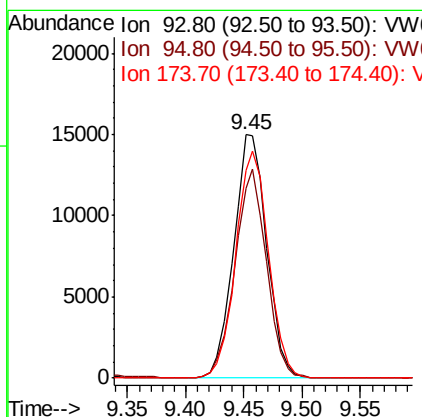
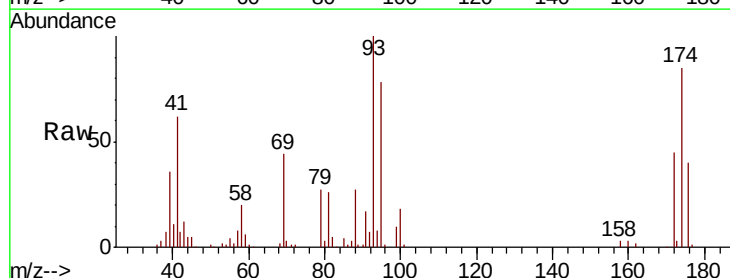
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

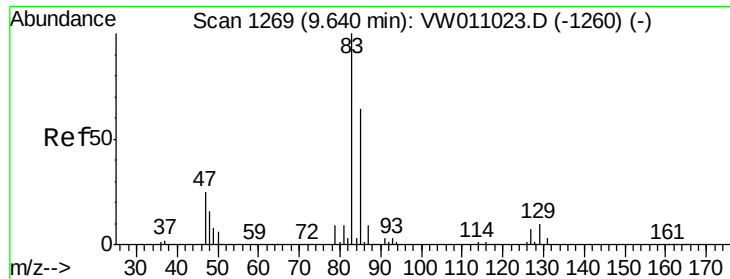
Tot Ion: 63 Resp: 60573
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.6 38.4



#46
 Dibromomethane
 Concen: 21.916 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 93 Resp: 29559
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.6
 174 92.9 75.4 113.0

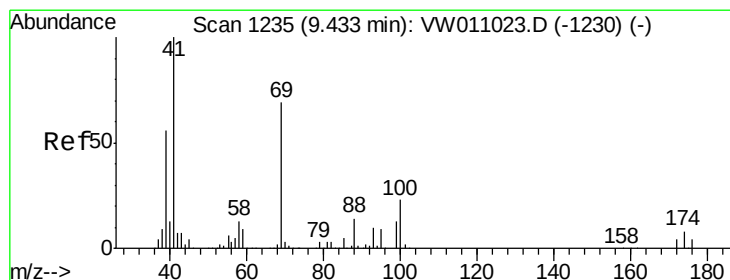
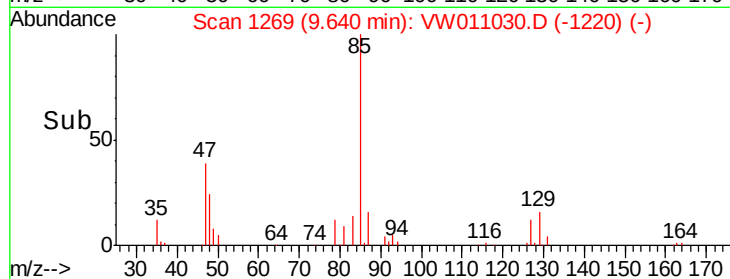
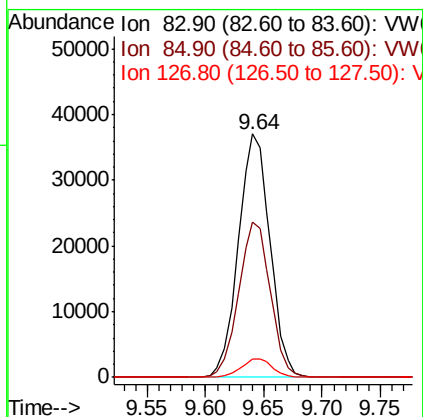
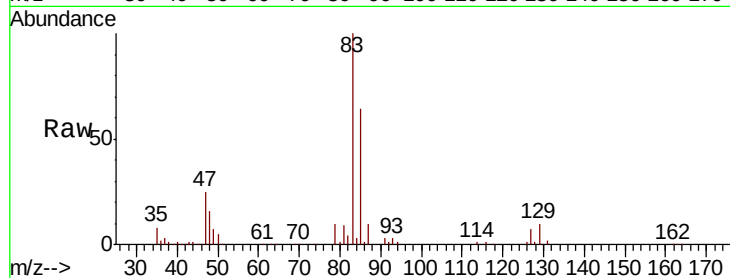




#47
Bromodichloromethane
Concen: 20.976 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

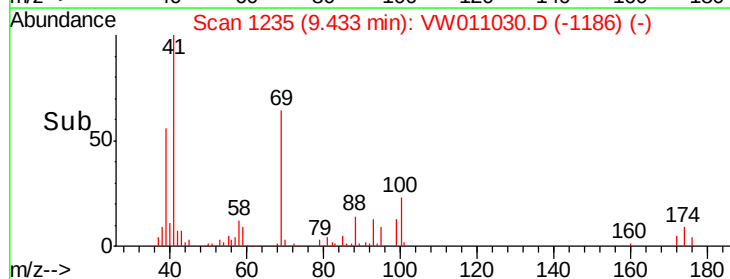
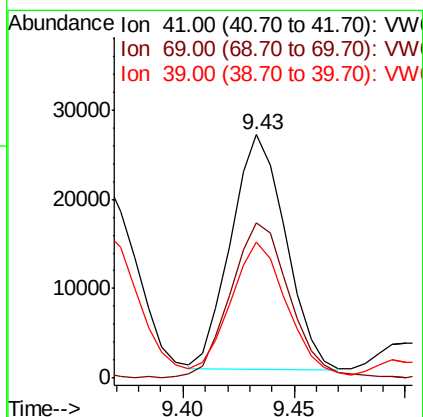
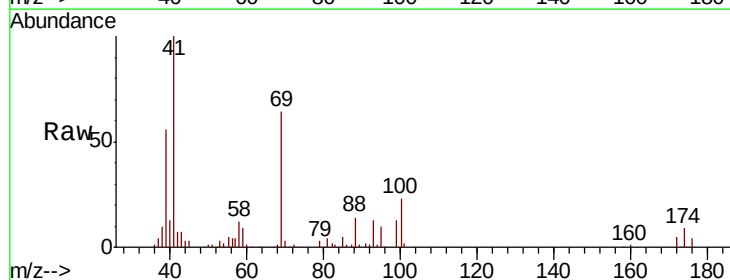
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

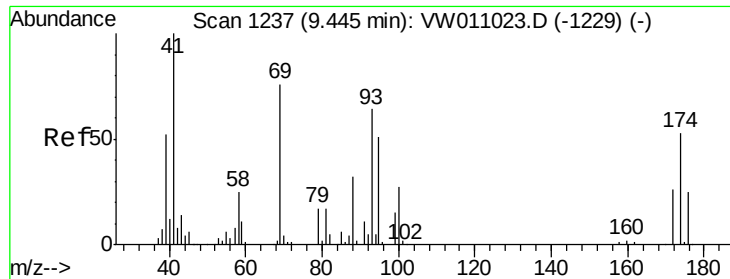
Tot Ion: 83 Resp: 70046
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.4
127 7.5 5.8 8.8



#48
Methyl methacrylate
Concen: 21.791 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 41 Resp: 44895
Ion Ratio Lower Upper
41 100
69 72.3 56.7 85.1
39 60.0 45.0 67.6





#49

1,4-Dioxane

Concen: 455.389 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

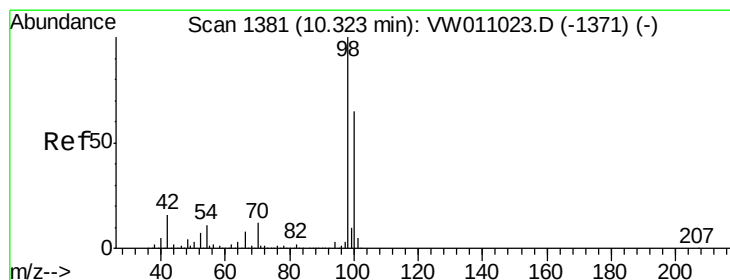
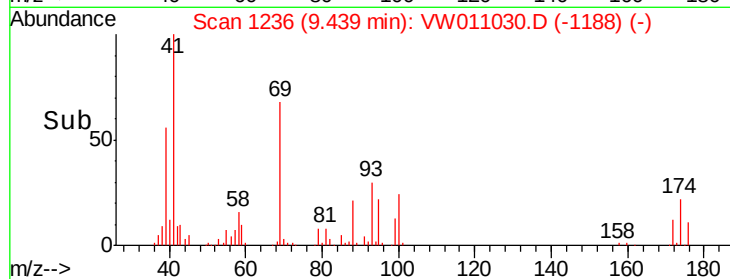
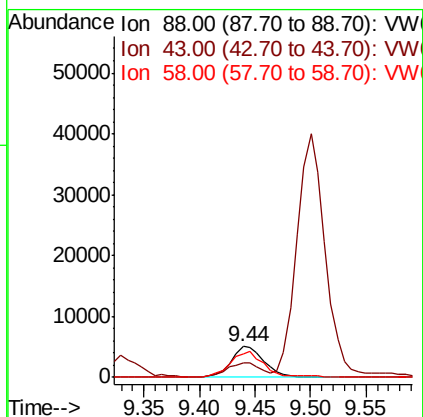
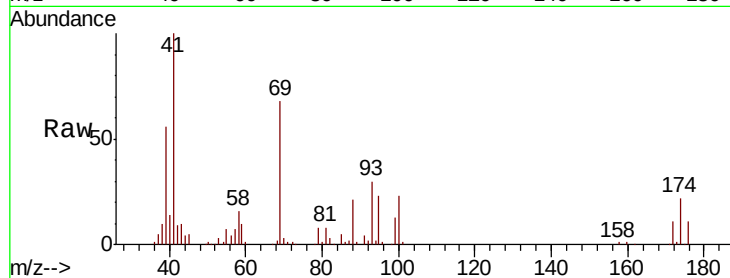
MSVOA_W

ClientSampled :

VW0628SBS01

Tot Ion: 88 Resp: 10327

Ion	Ratio	Lower	Upper
88	100		
43	46.5	34.4	51.6
58	83.4	65.2	97.8



#50

Toluene-d8

Concen: 48.418 ug/l

RT: 10.32 min Scan# 1381

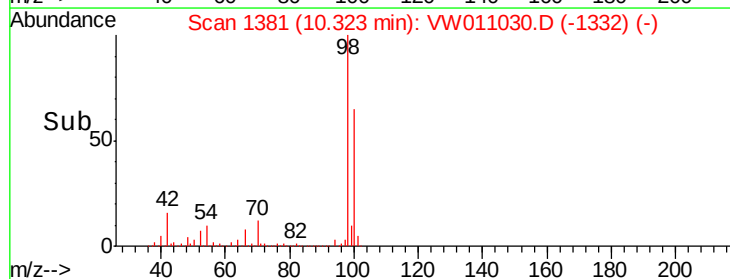
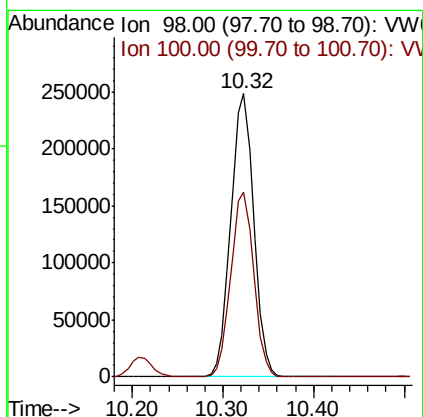
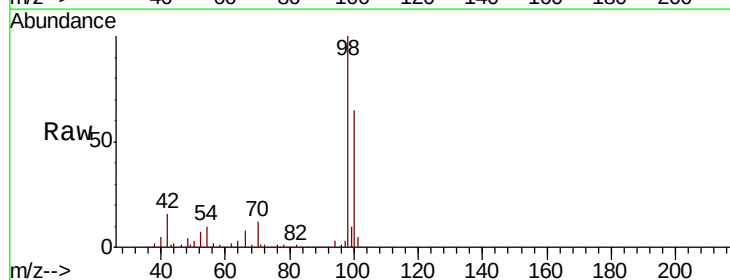
Delta R.T. 0.00 min

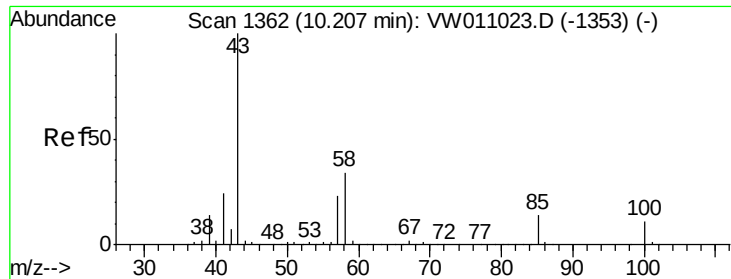
Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Tgt Ion: 98 Resp: 437188

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 112.056 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampled :

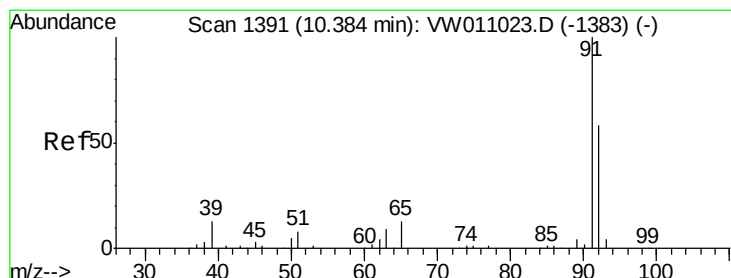
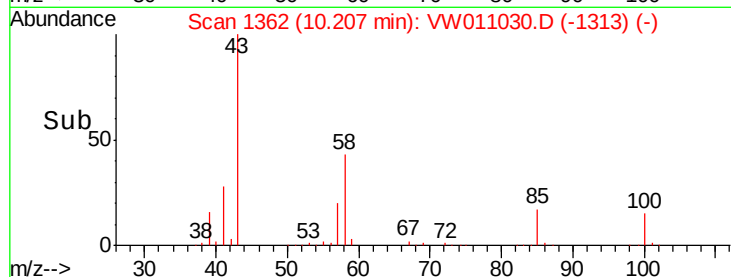
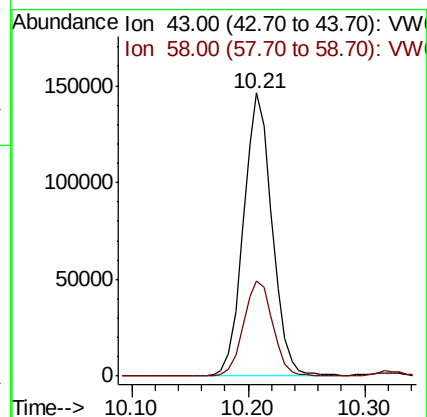
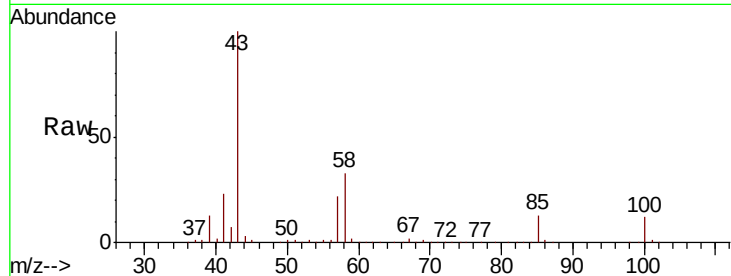
VW0628SBS01

Tot Ion: 43 Resp: 250638

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.6



#52

Toluene

Concen: 20.590 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011030.D

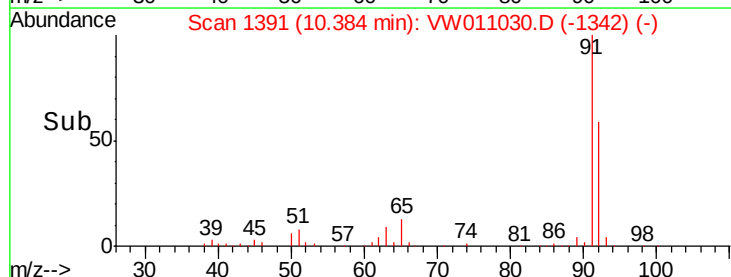
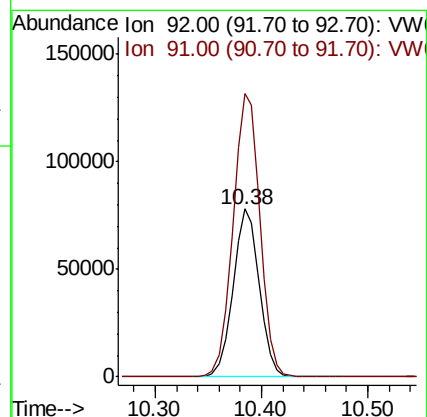
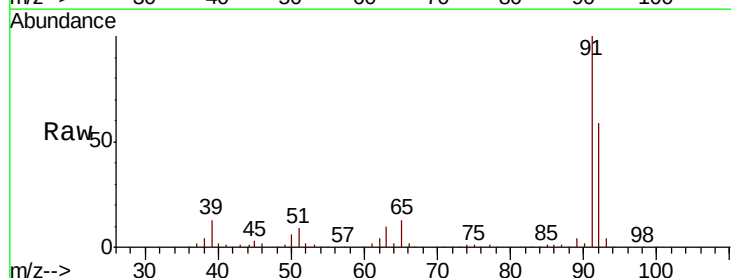
Acq: 27 Jun 2019 22:12

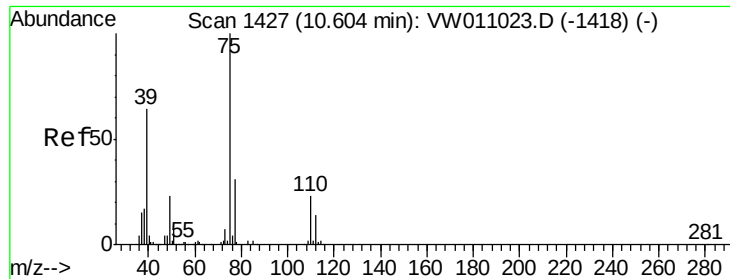
Tgt Ion: 92 Resp: 133873

Ion Ratio Lower Upper

92 100

91 173.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.434 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

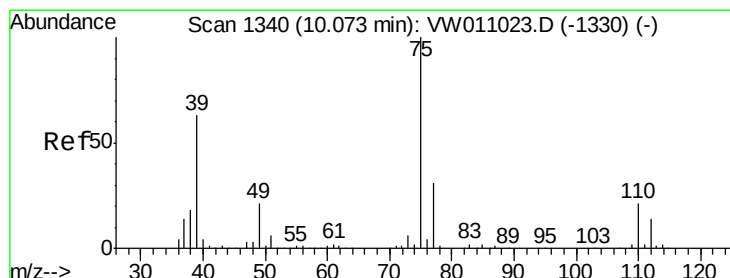
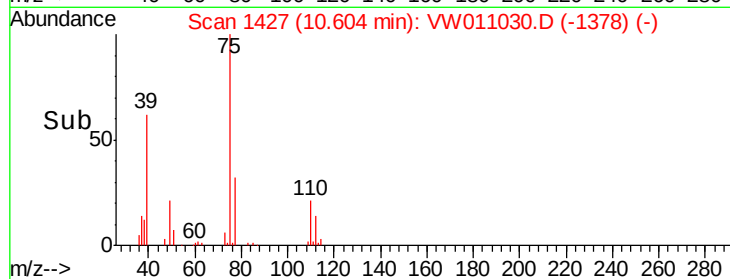
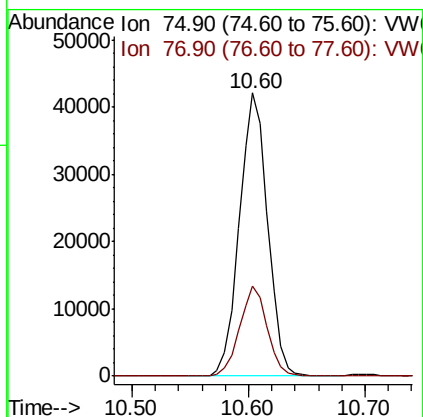
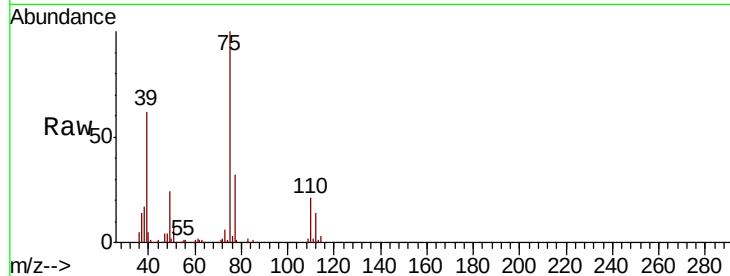
VW0628SBS01

Tot Ion: 75 Resp: 71072

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.896 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

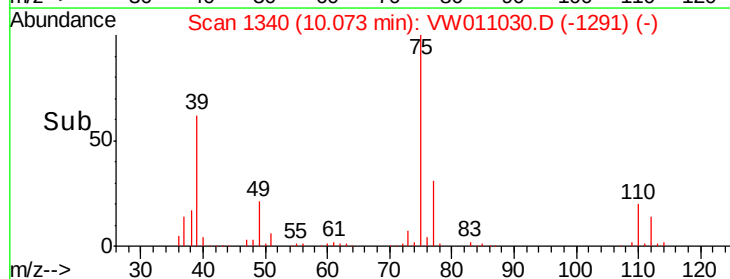
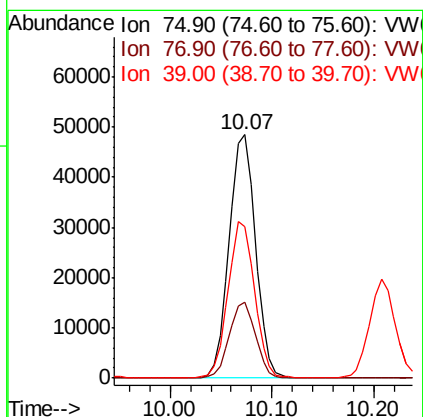
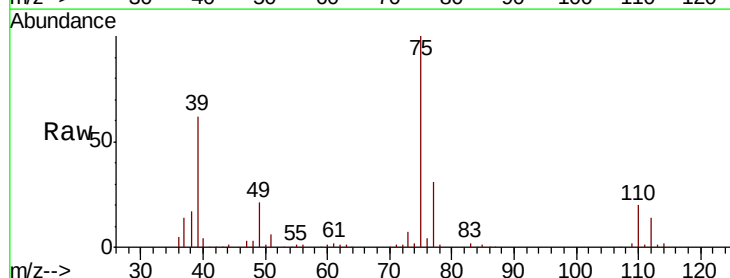
Tgt Ion: 75 Resp: 86701

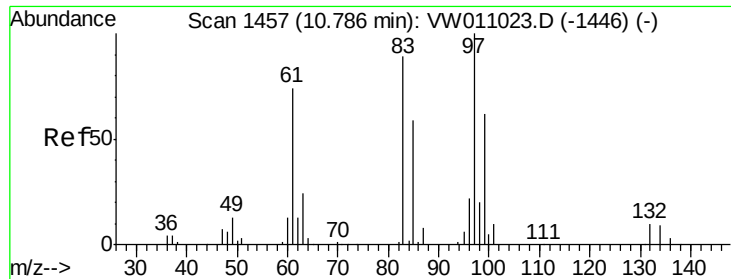
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 62.2 50.0 75.0

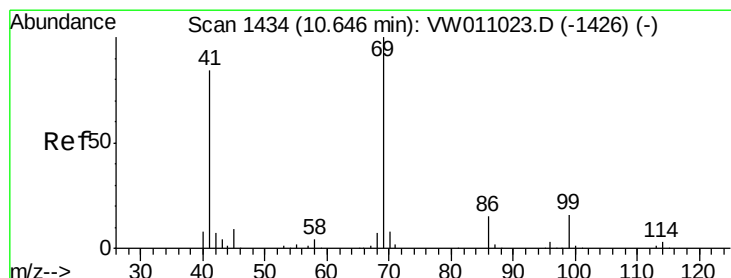
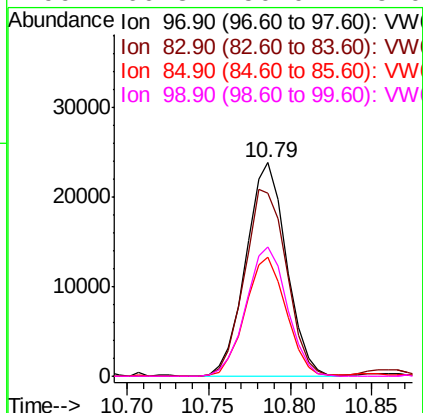
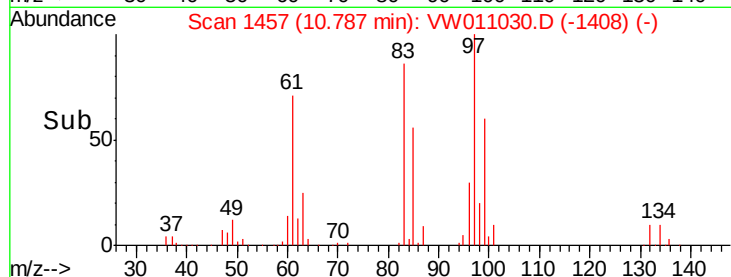
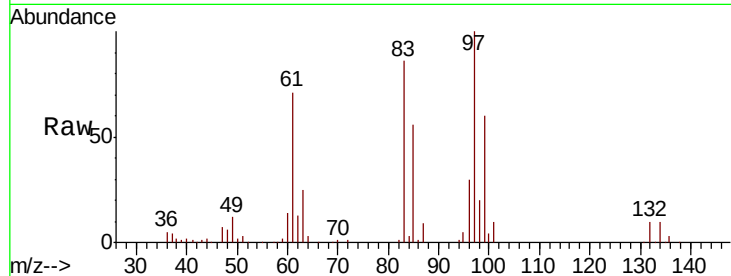




#55
 1,1,2-Trichloroethane
 Concen: 21.652 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

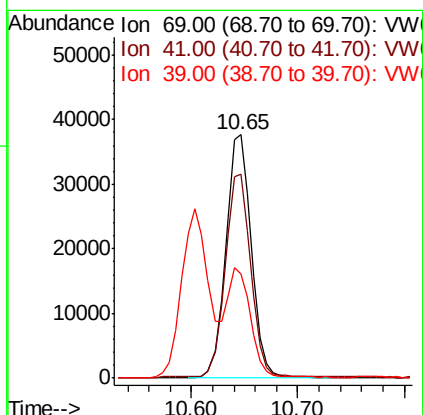
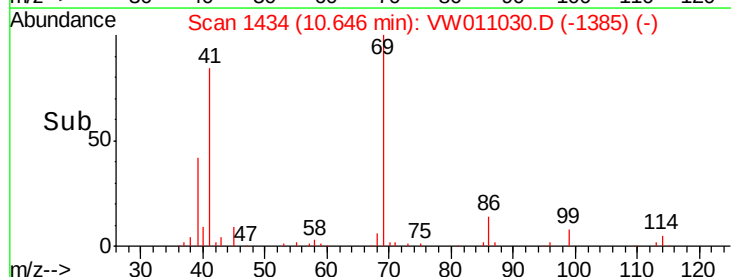
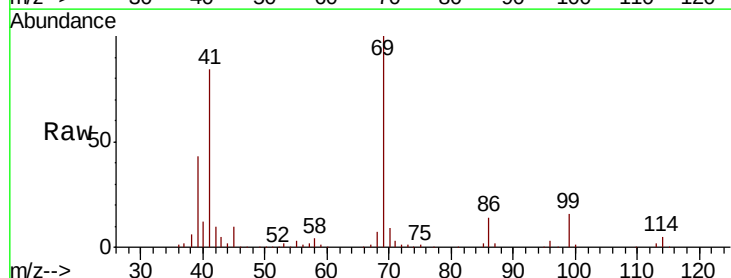
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

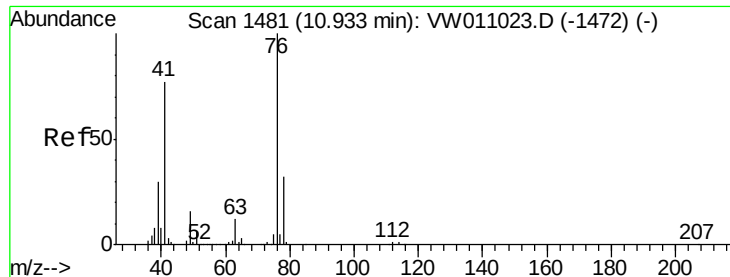
Tot Ion:	97	Resp:	41258
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.9	106.3
85	56.0	47.2	70.8
99	60.3	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 22.143 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion:	69	Resp:	63182
Ion	Ratio	Lower	Upper
69	100		
41	83.0	67.9	101.9
39	40.1	33.2	49.8

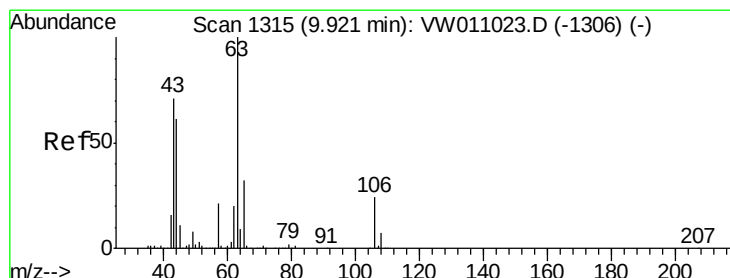
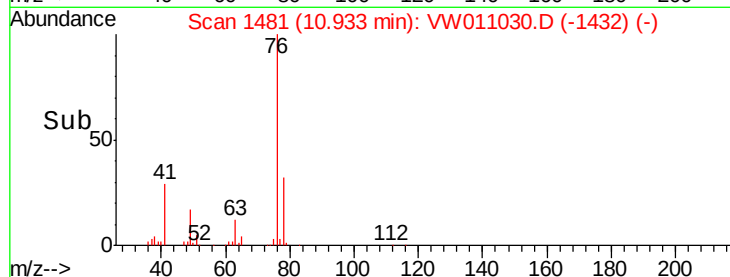
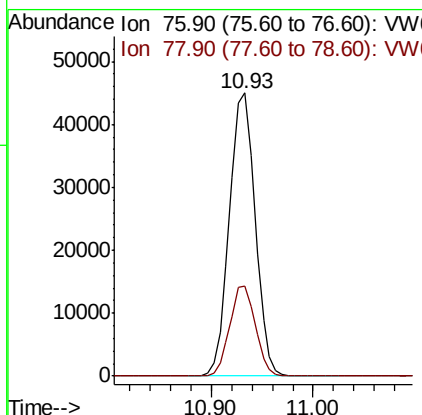
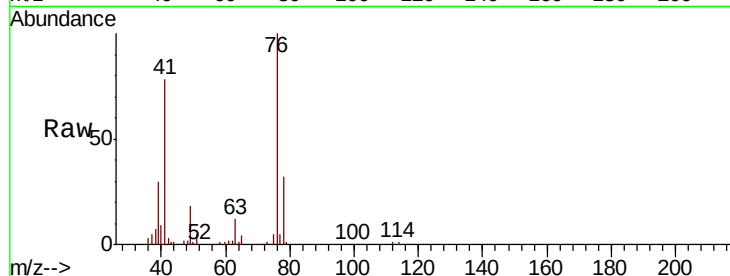




#57
 1,3-Dichloropropane
 Concen: 21.689 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

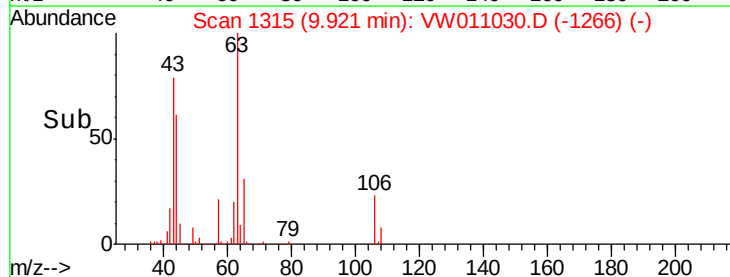
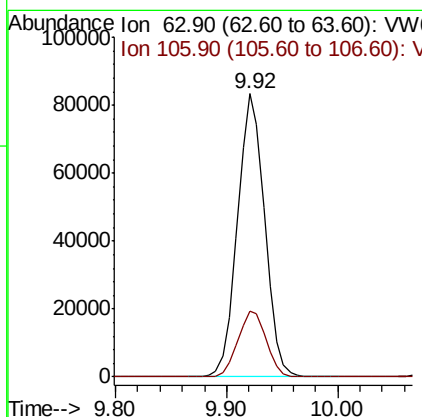
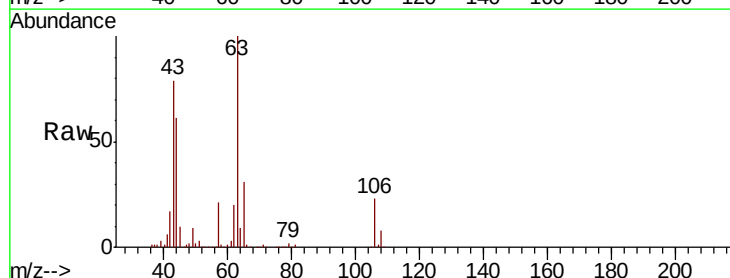
Instrument :
 MSVOA_W
 ClientSampled :
 VW0628SBS01

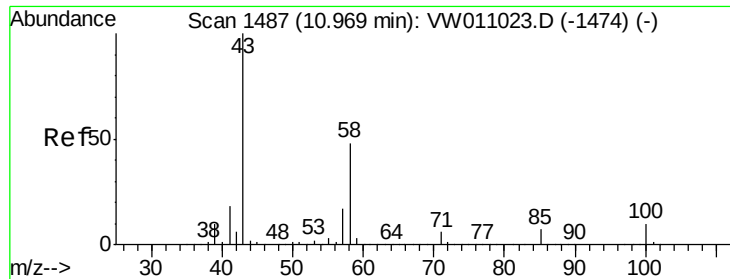
Tot Ion: 76 Resp: 78614
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.350 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion: 63 Resp: 140548
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.0





#59

2-Hexanone

Concen: 112.089 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

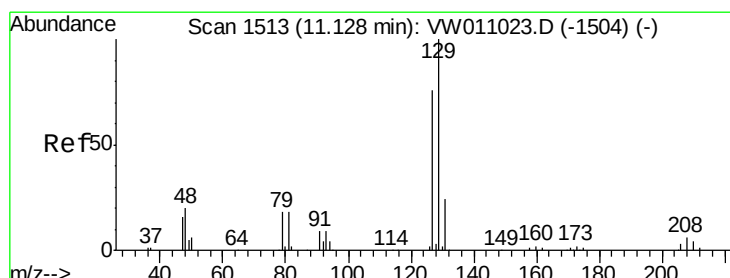
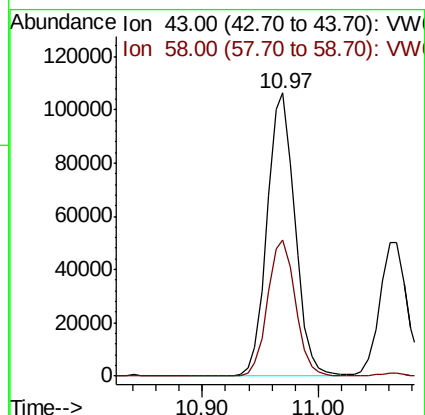
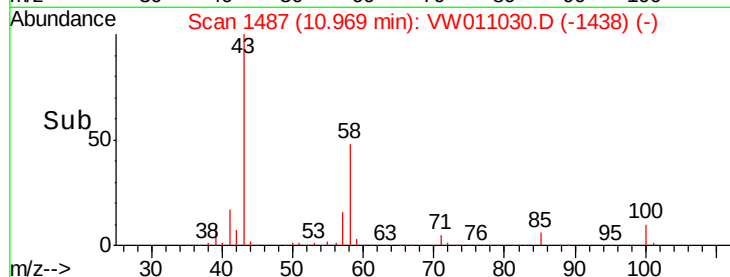
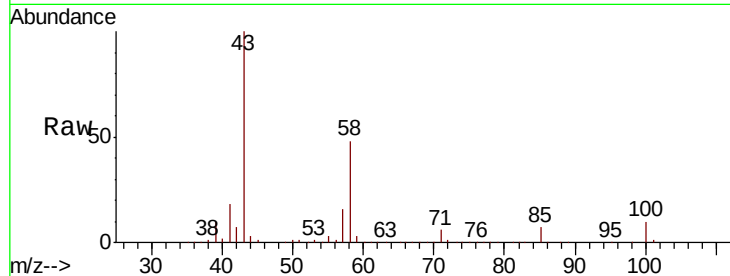
VW0628SBS01

Tot Ion: 43 Resp: 174838

Ion Ratio Lower Upper

43 100

58 48.3 23.8 71.5



#60

Dibromochloromethane

Concen: 21.149 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011030.D

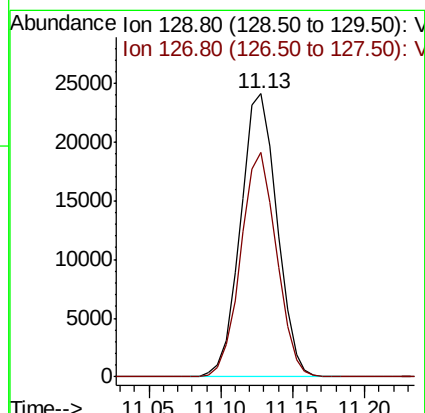
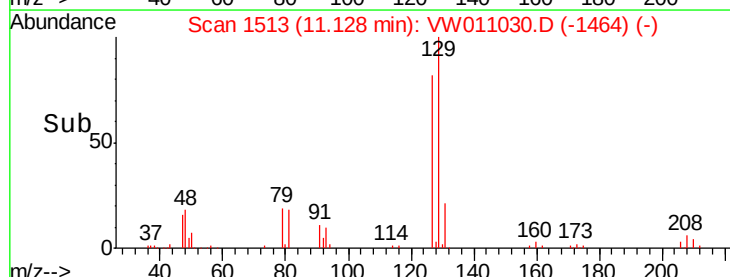
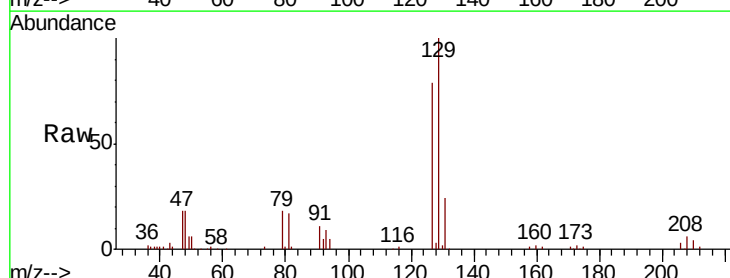
Acq: 27 Jun 2019 22:12

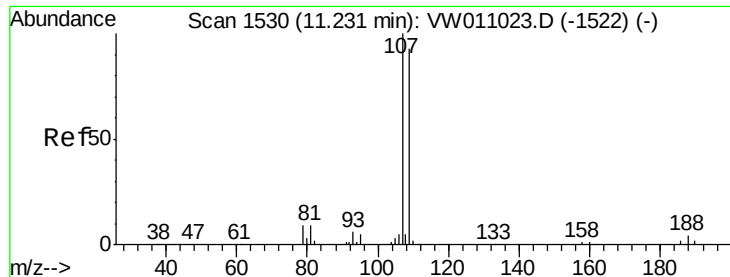
Tgt Ion: 129 Resp: 42259

Ion Ratio Lower Upper

129 100

127 77.9 39.4 118.1





#61

1,2-Dibromoethane

Concen: 21.670 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

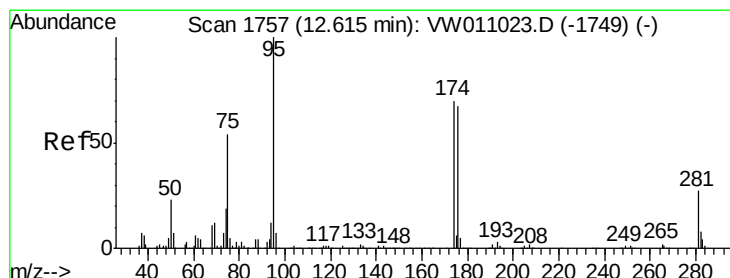
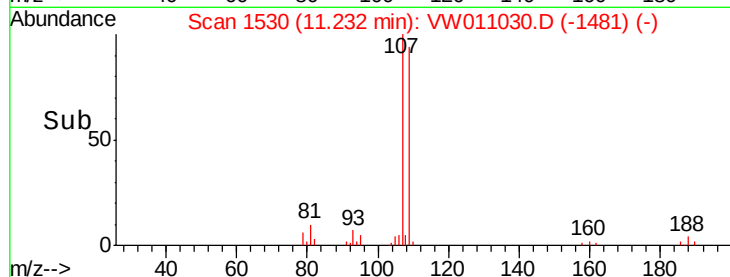
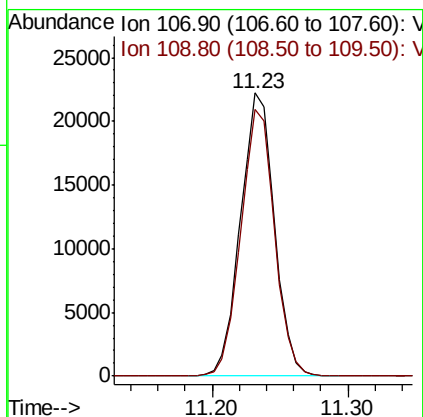
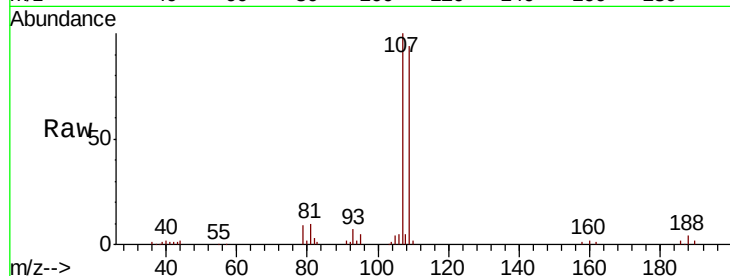
VW0628SBS01

Tot Ion:107 Resp: 38657

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.056 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

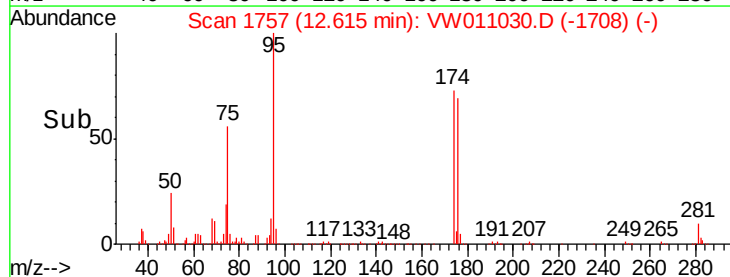
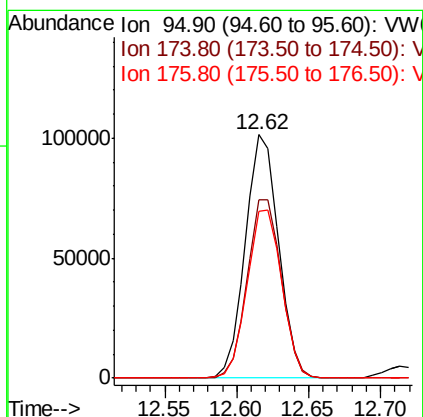
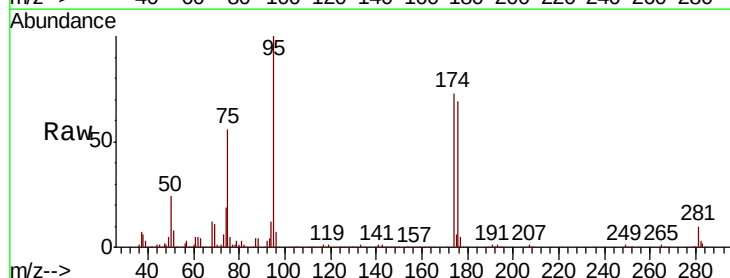
Tgt Ion: 95 Resp: 162010

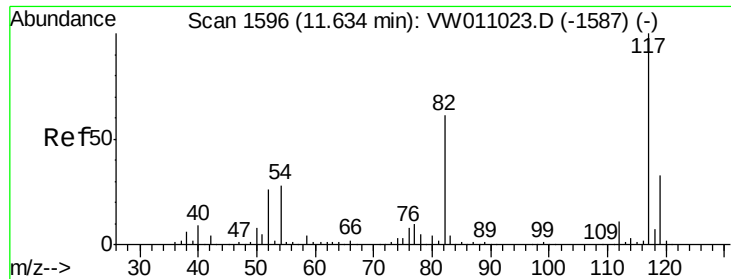
Ion Ratio Lower Upper

95 100

174 75.0 0.0 149.2

176 71.9 0.0 143.6

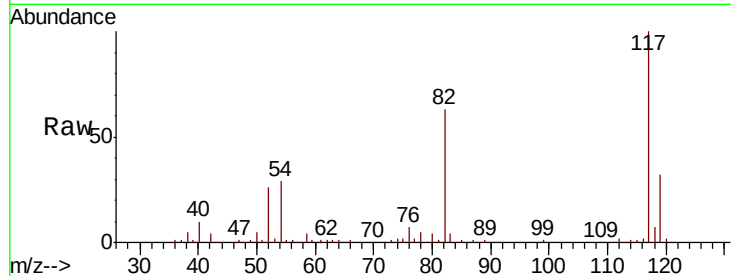




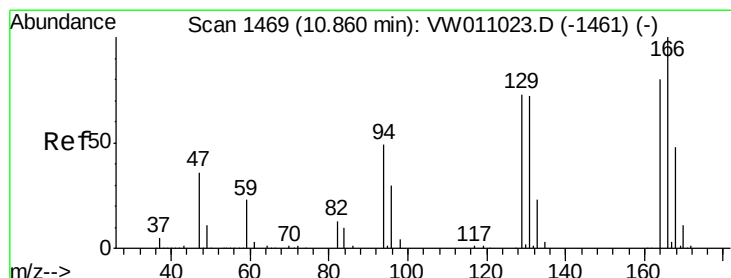
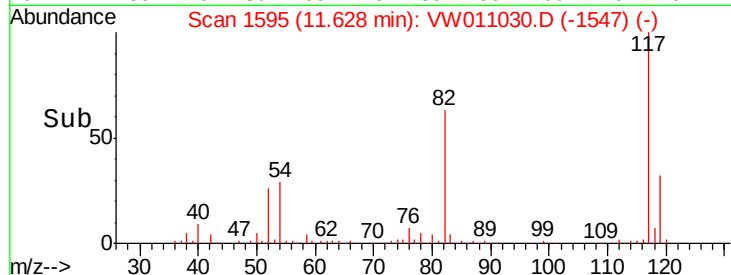
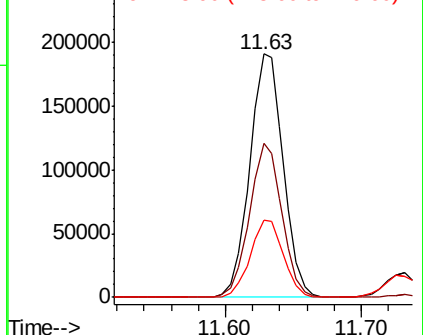
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:117 Resp: 327952
Ion Ratio Lower Upper
117 100
82 63.0 48.6 73.0
119 31.6 26.1 39.1

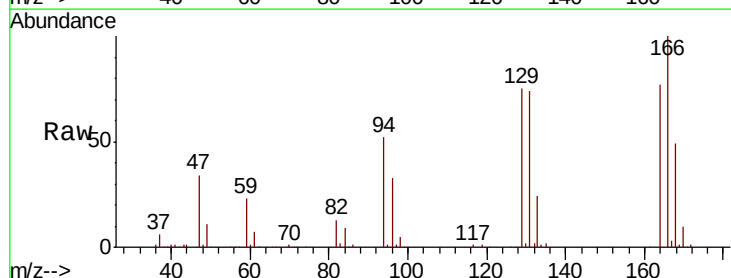


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

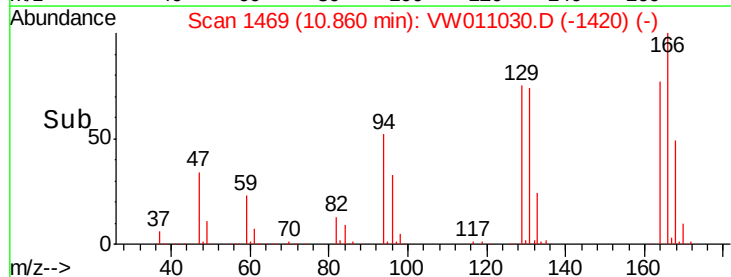
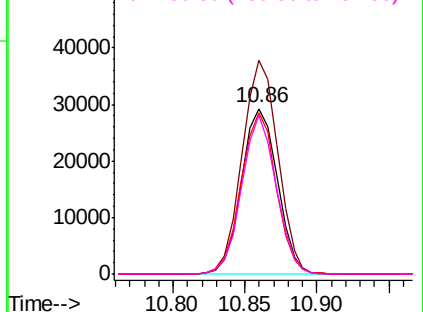


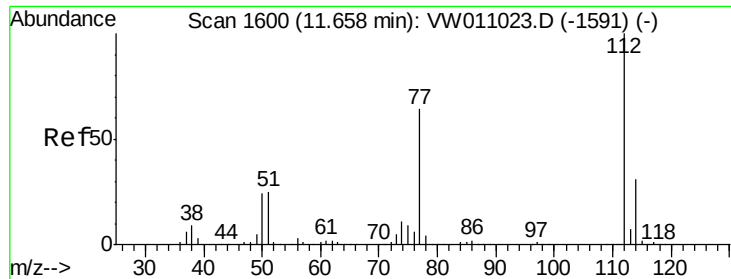
#64
Tetrachloroethene
Concen: 22.286 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion:164 Resp: 50297
Ion Ratio Lower Upper
164 100
166 129.2 99.8 149.6
129 97.5 73.0 109.4
131 96.2 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

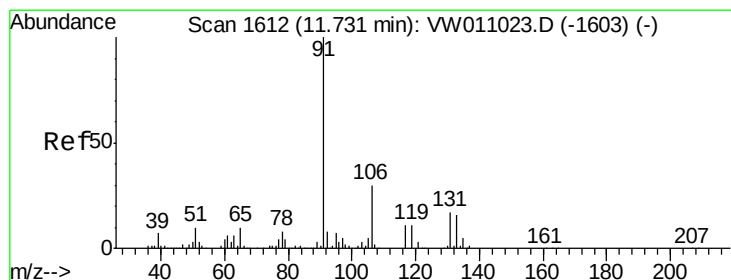
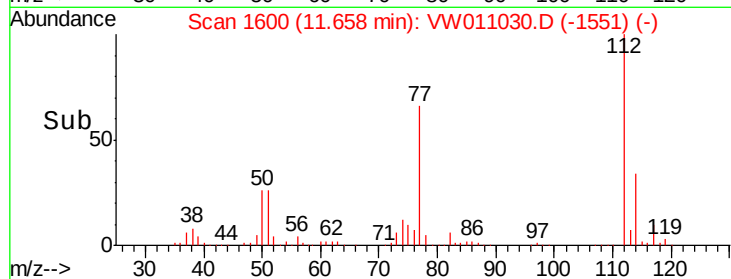
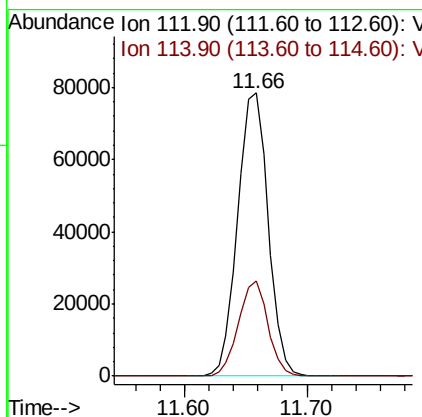
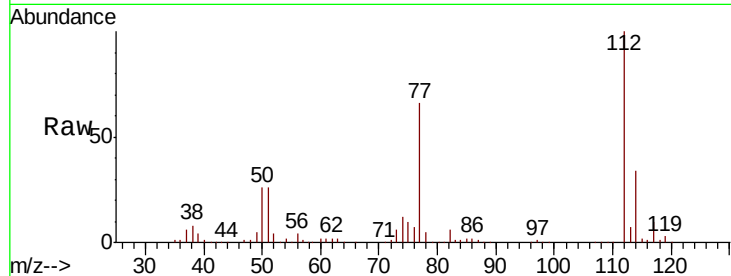




#65
Chlorobenzene
Concen: 20.210 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

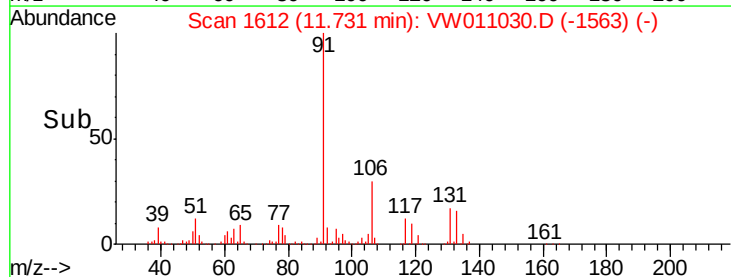
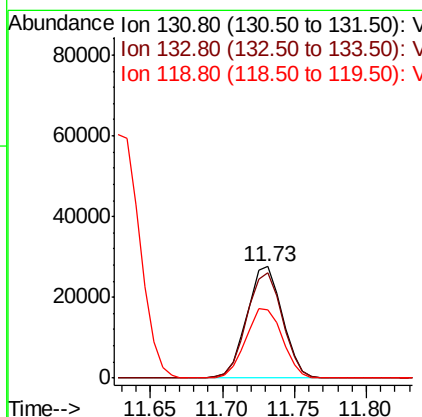
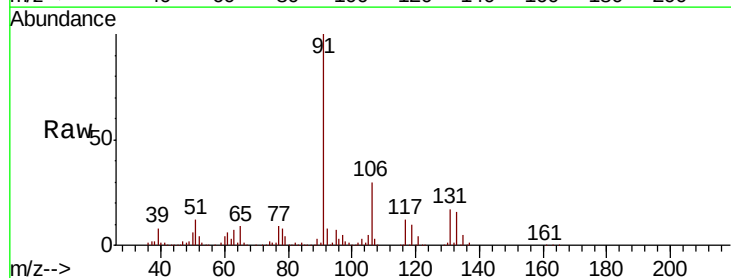
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

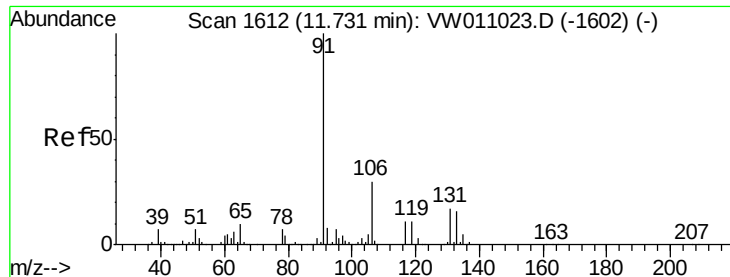
Tot Ion:112 Resp: 135673
Ion Ratio Lower Upper
112 100
114 33.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.678 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion:131 Resp: 47130
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.3 33.1 99.2

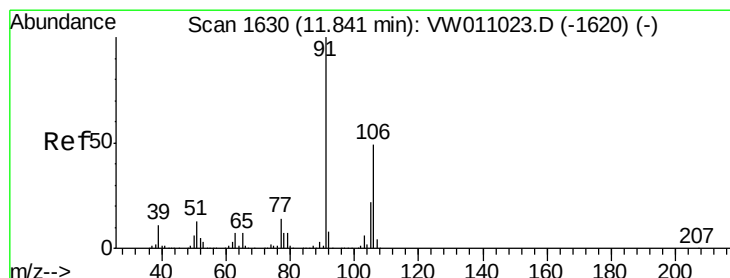
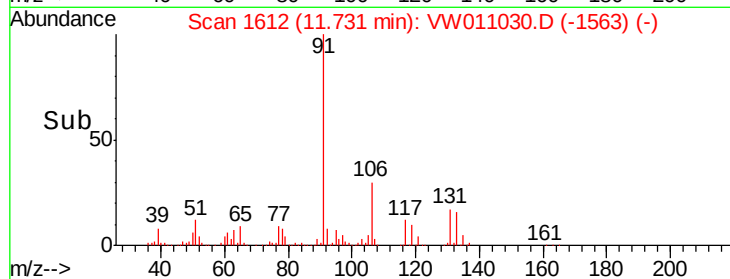
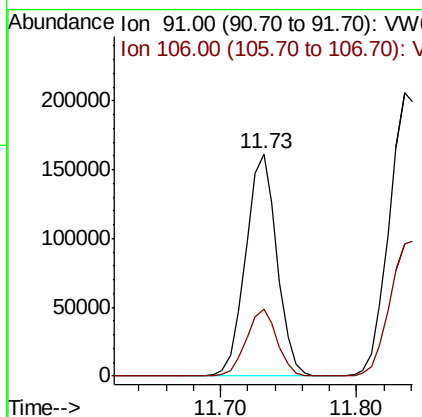
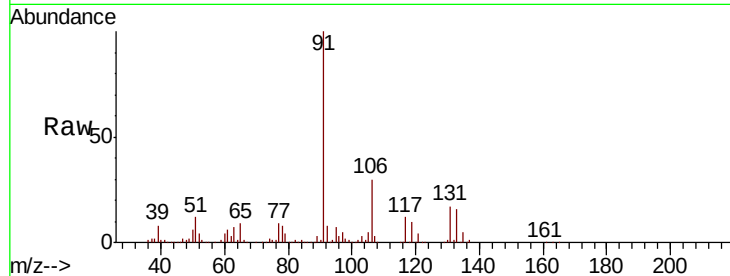




#67
Ethyl Benzene
Concen: 20.118 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

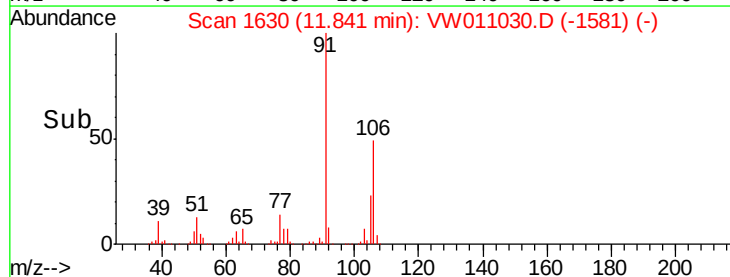
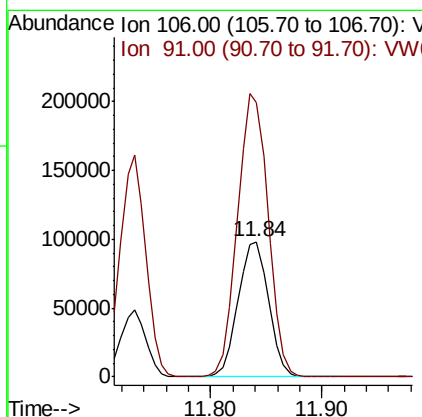
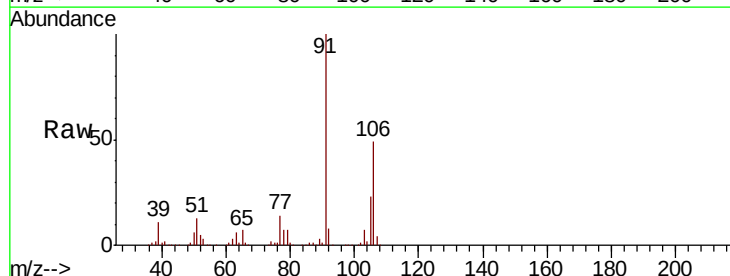
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

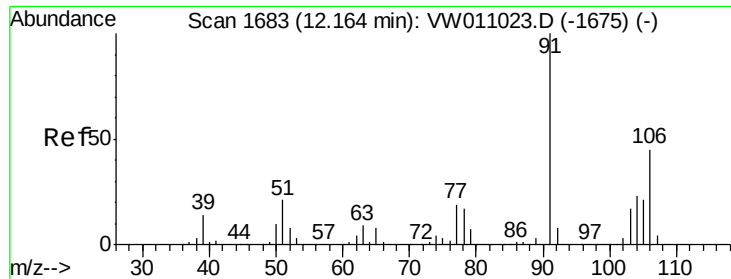
Tot Ion: 91 Resp: 258666
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 39.994 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 106 Resp: 186595
Ion Ratio Lower Upper
106 100
91 209.6 167.5 251.3

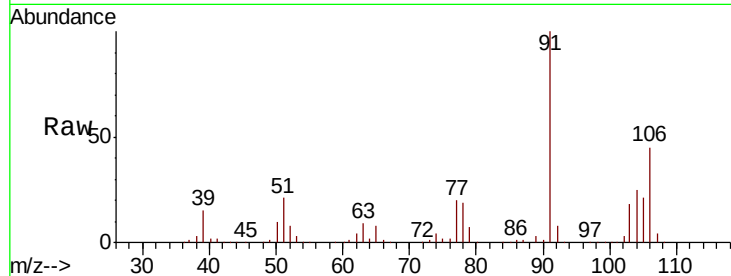




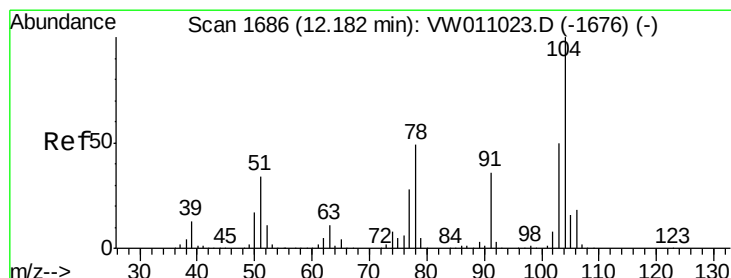
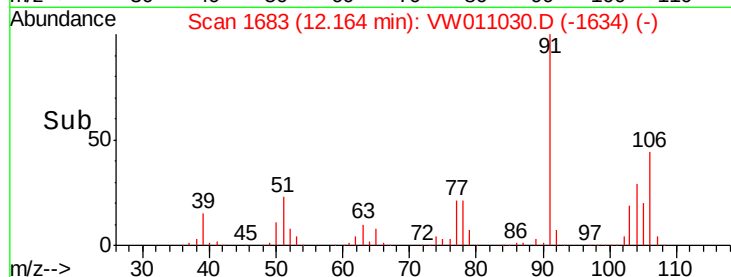
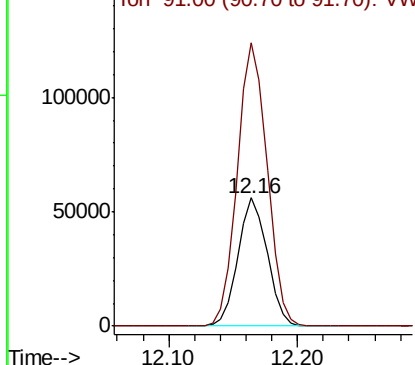
#69
o-Xylene
Concen: 20.353 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:106 Resp: 88447
Ion Ratio Lower Upper
106 100
91 224.0 110.8 332.3

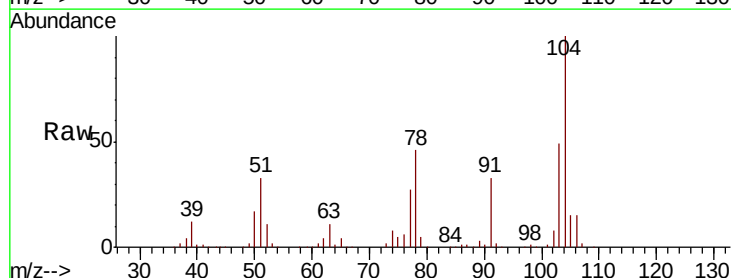


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

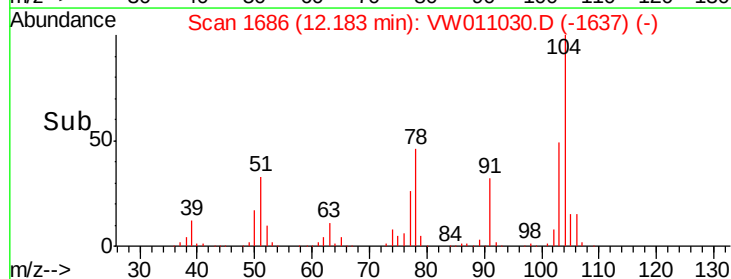
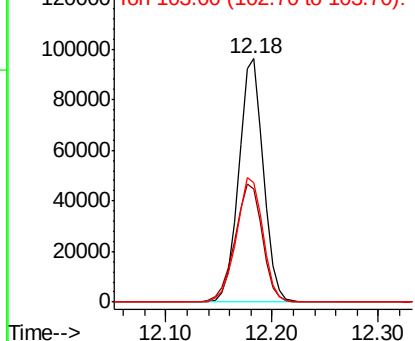


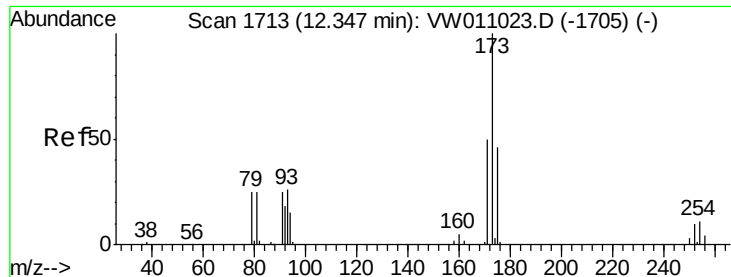
#70
Styrene
Concen: 20.641 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion:104 Resp: 155874
Ion Ratio Lower Upper
104 100
78 54.2 43.7 65.5
103 55.7 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.809 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

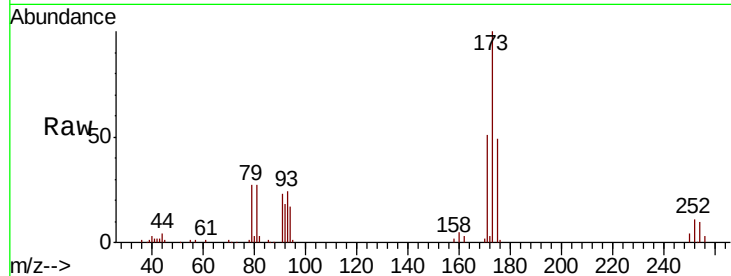
Tot Ion:173 Resp: 23122

Ion Ratio Lower Upper

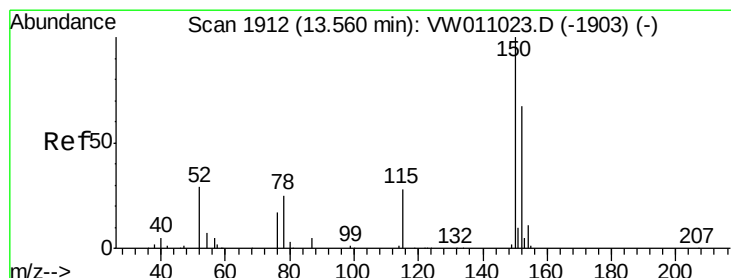
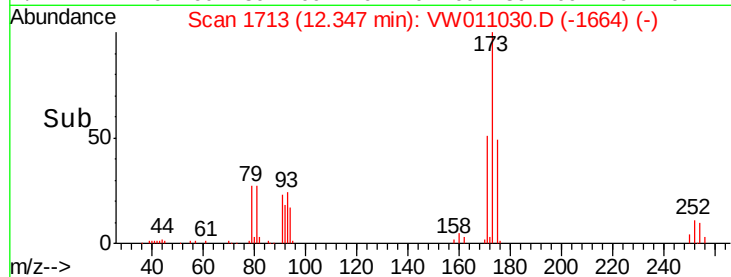
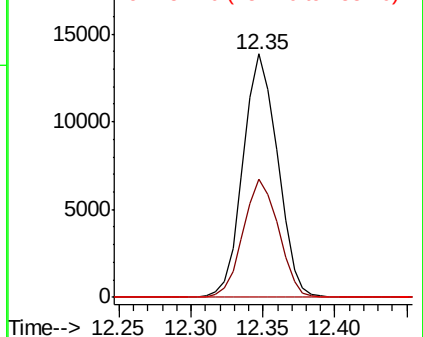
173 100

175 49.3 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: VW011030.D

Acq: 27 Jun 2019 22:12

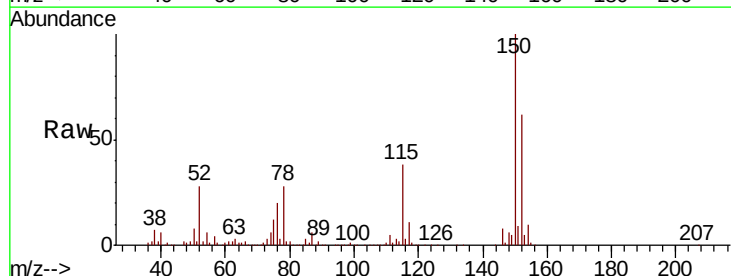
Tgt Ion:152 Resp: 163095

Ion Ratio Lower Upper

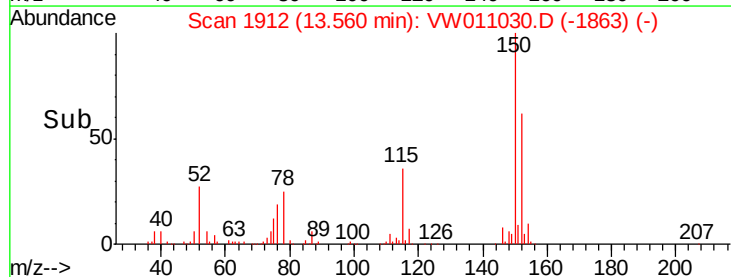
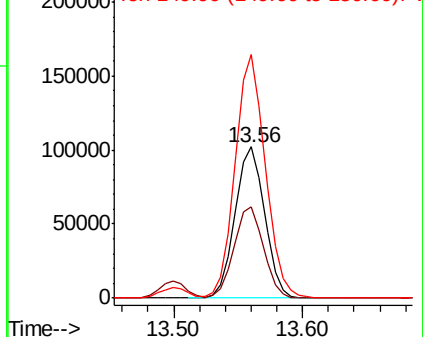
152 100

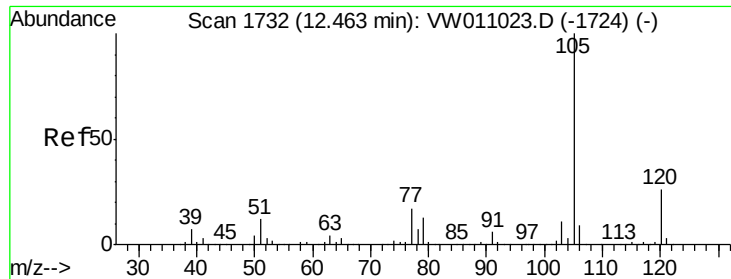
115 60.5 30.7 92.1

150 163.8 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: 19.744 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

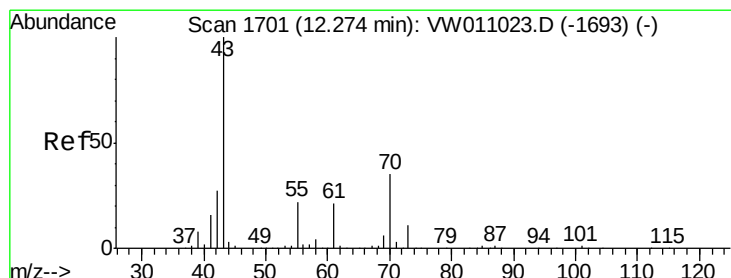
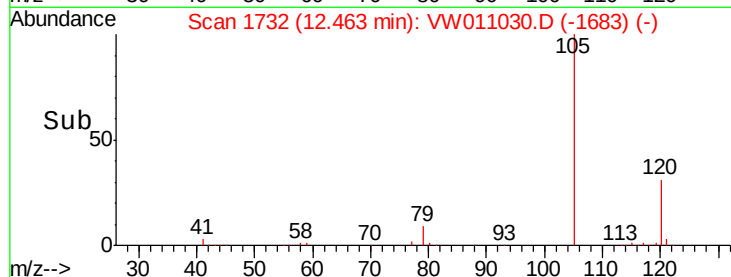
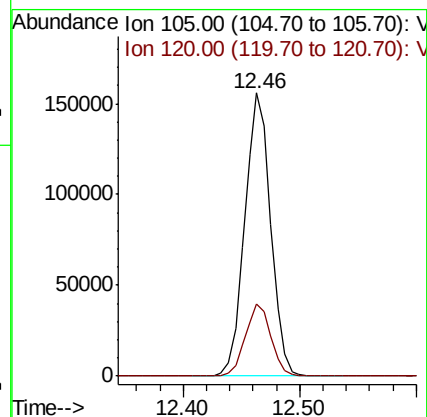
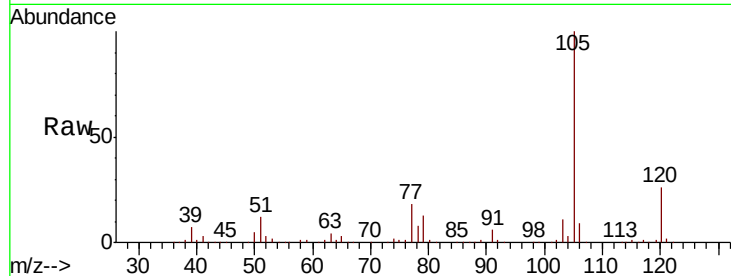
VW0628SBS01

Tot Ion:105 Resp: 241233

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#74

N-ethyl acetate

Concen: 21.569 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Tgt Ion: 43 Resp: 88506

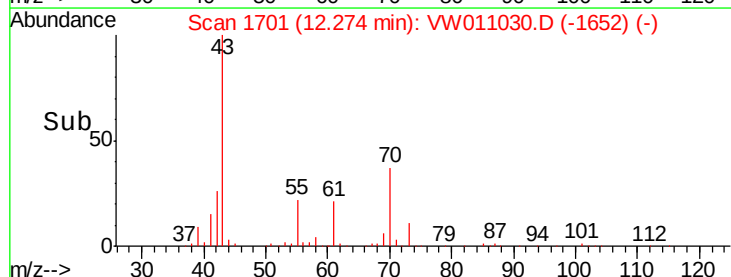
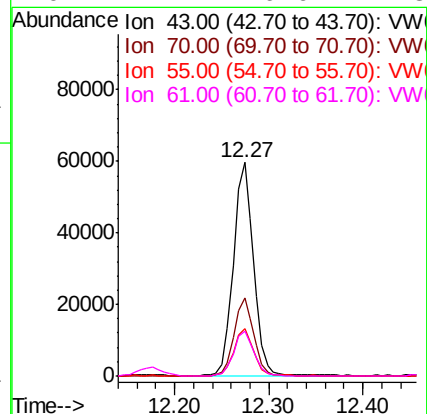
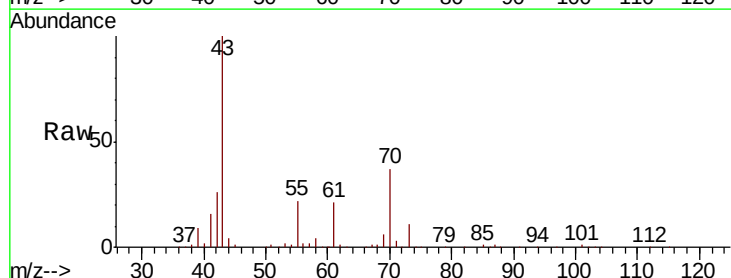
Ion Ratio Lower Upper

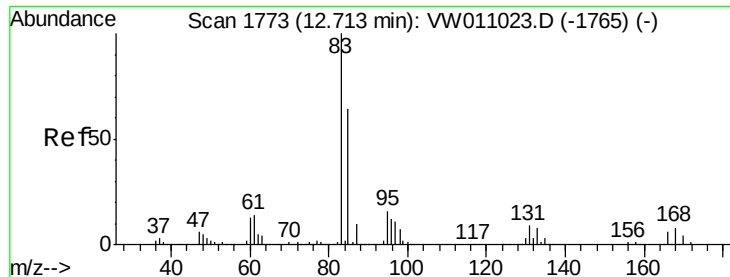
43 100

70 35.9 28.2 42.4

55 22.2 17.8 26.8

61 21.1 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.256 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

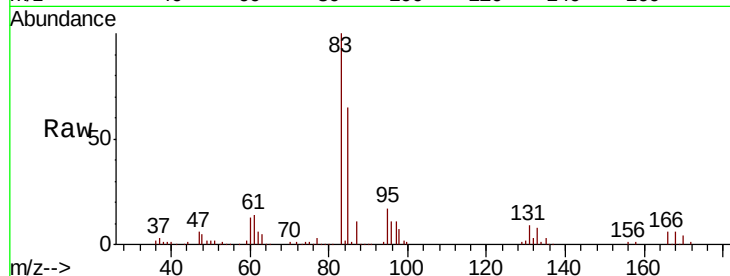
Tot Ion: 83 Resp: 51000

Ion Ratio Lower Upper

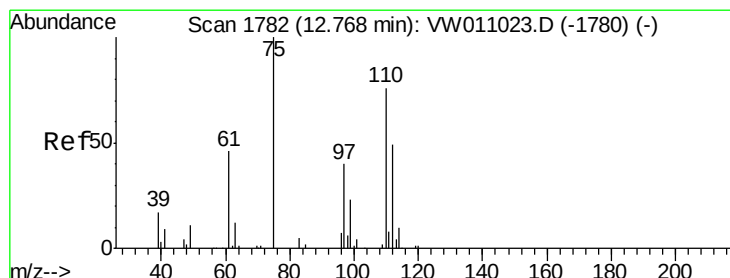
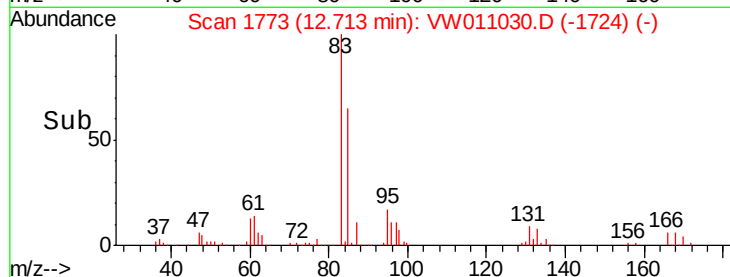
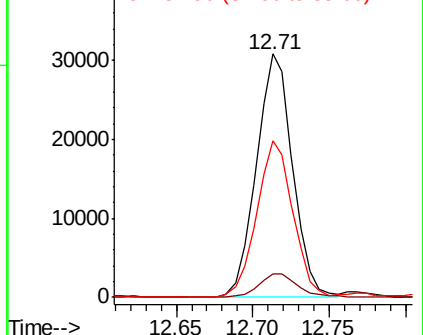
83 100

131 10.2 5.0 14.9

85 64.4 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: 37.103 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011030.D

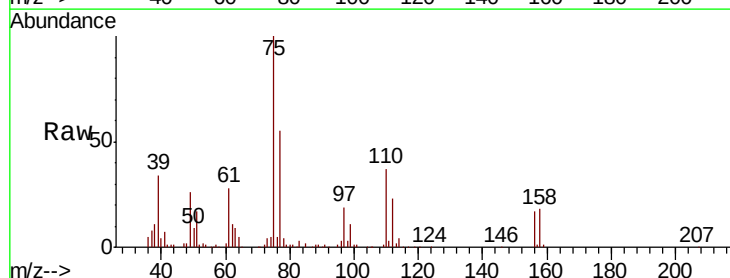
Acq: 27 Jun 2019 22:12

Tgt Ion: 75 Resp: 63886

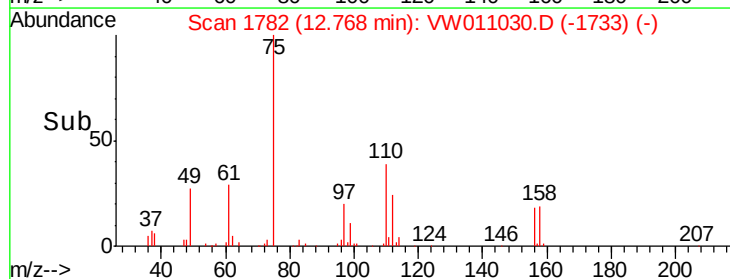
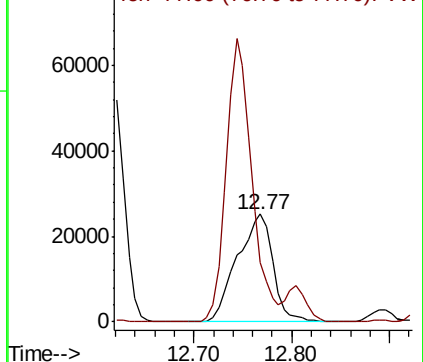
Ion Ratio Lower Upper

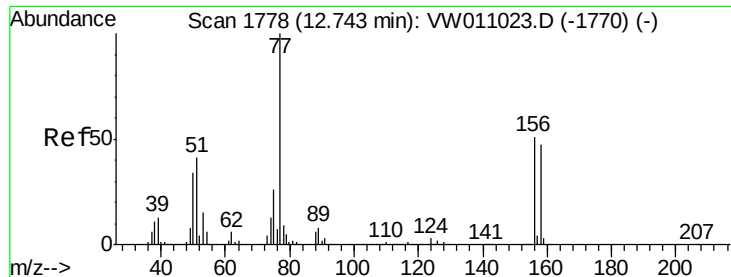
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.258 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

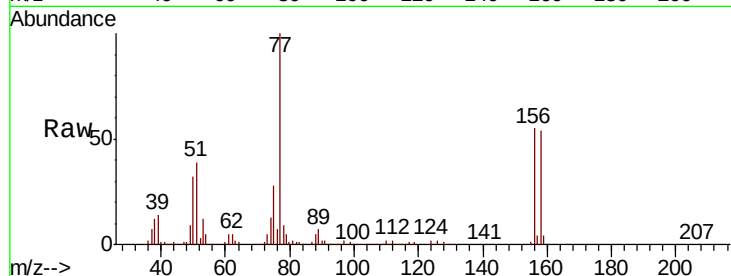
Tot Ion:156 Resp: 54404

Ion Ratio Lower Upper

156 100

77 221.7 109.5 328.5

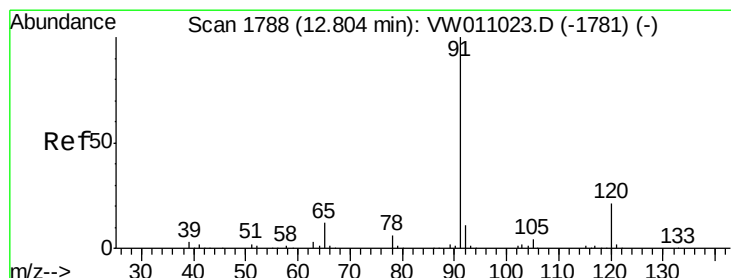
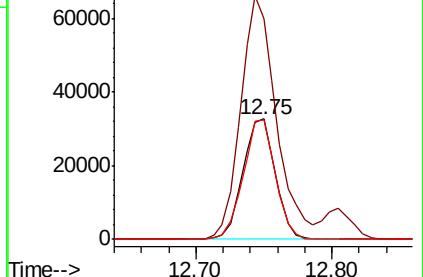
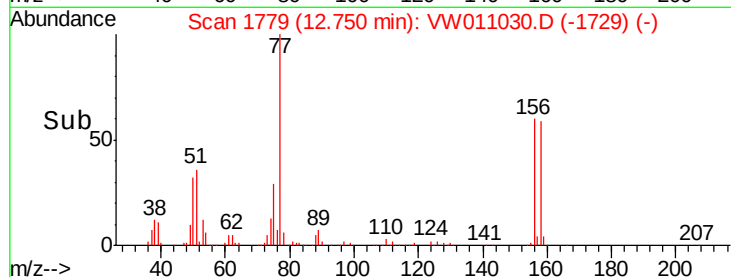
158 98.3 48.6 145.9



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: 19.577 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011030.D

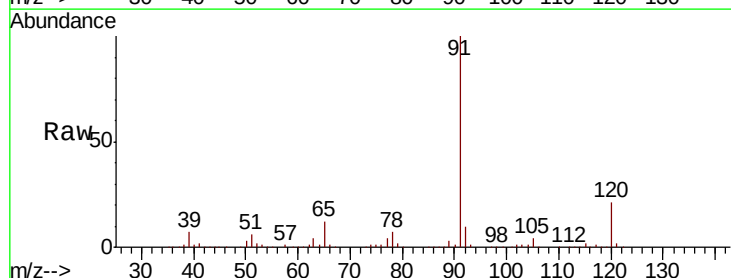
Acq: 27 Jun 2019 22:12

Tgt Ion: 91 Resp: 296213

Ion Ratio Lower Upper

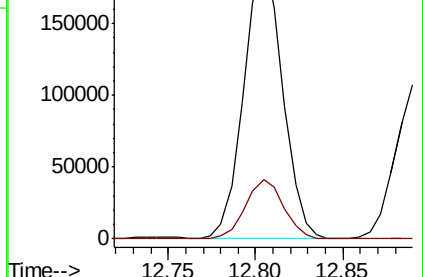
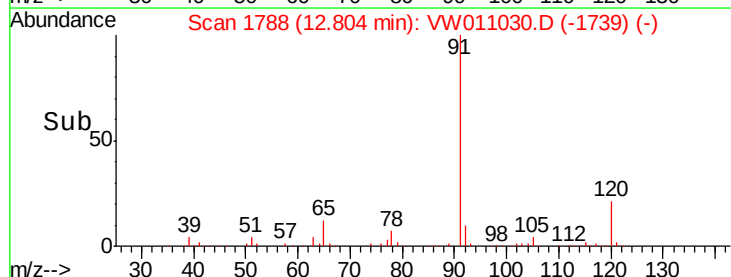
91 100

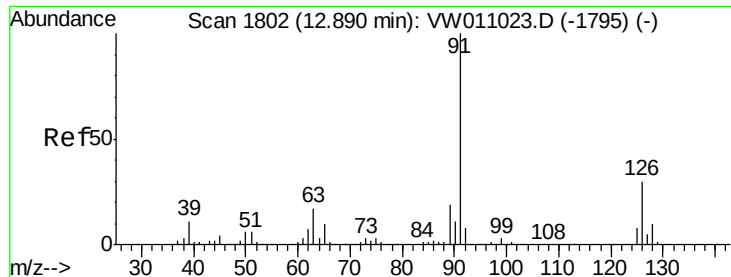
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.080 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

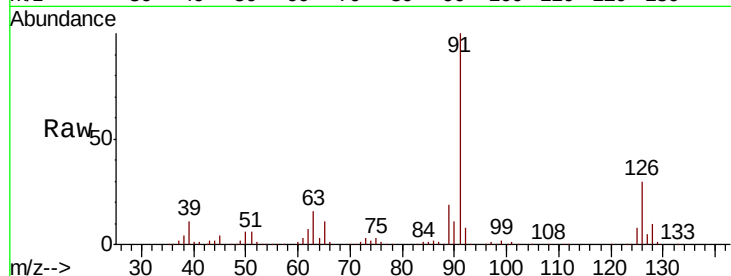
VW0628SBS01

Tot Ion: 91 Resp: 173574

Ion Ratio Lower Upper

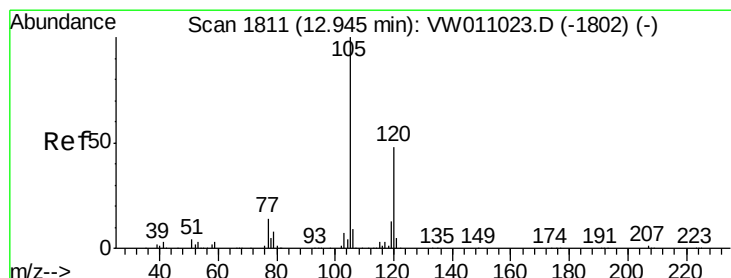
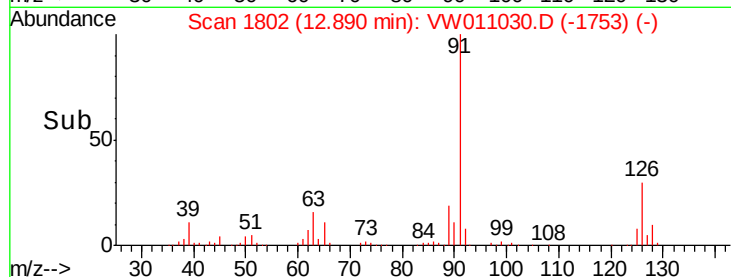
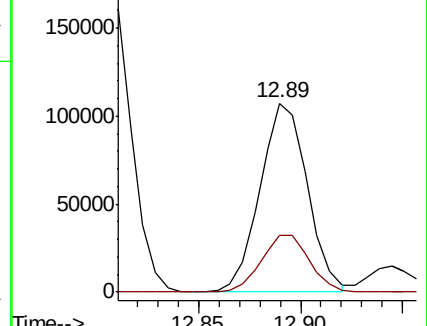
91 100

126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.910 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011030.D

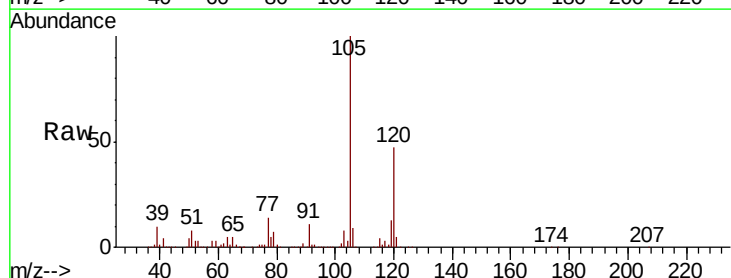
Acq: 27 Jun 2019 22:12

Tgt Ion:105 Resp: 206187

Ion Ratio Lower Upper

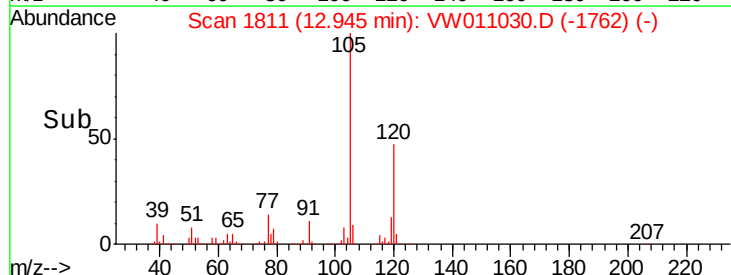
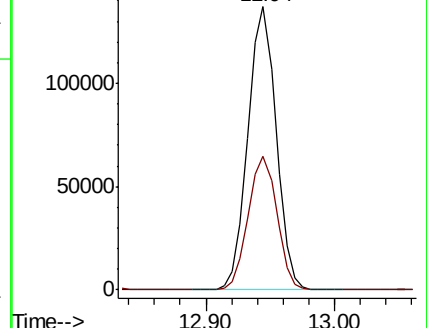
105 100

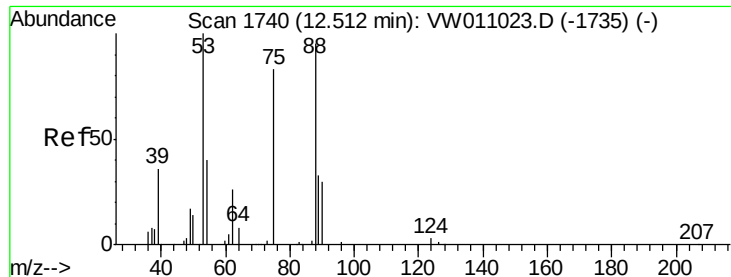
120 48.5 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

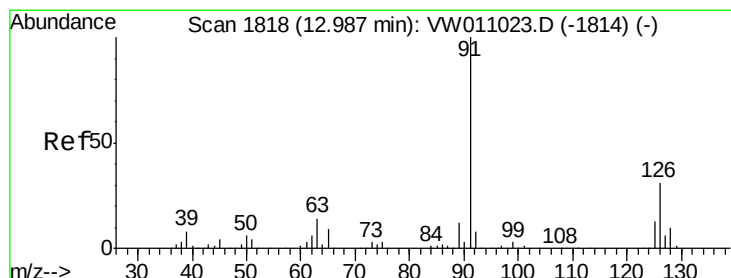
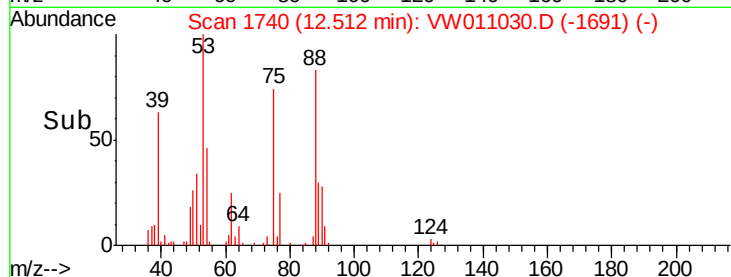
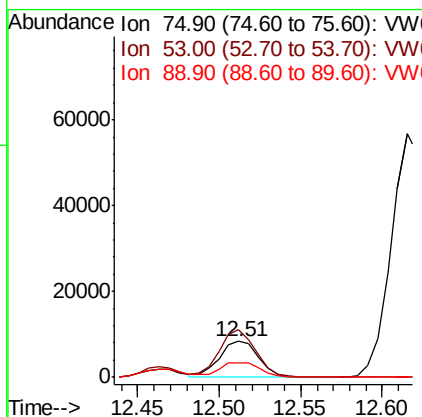
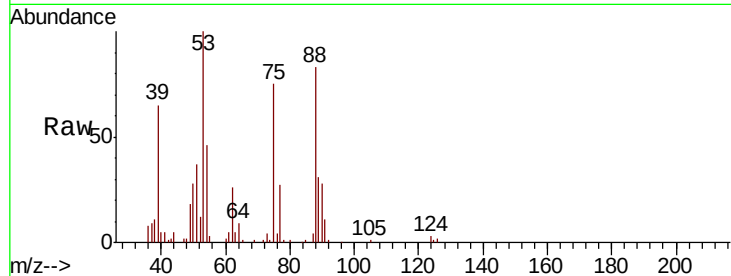




#81
trans-1,4-Dichloro-2-butene
Concen: 20.153 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

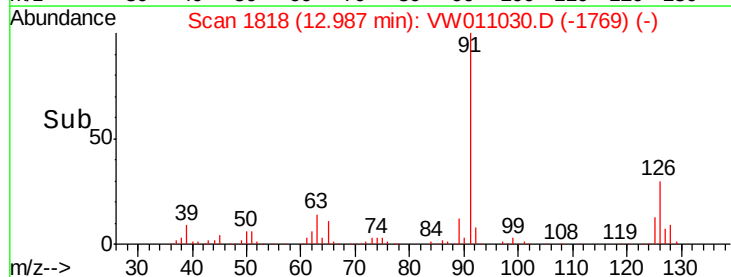
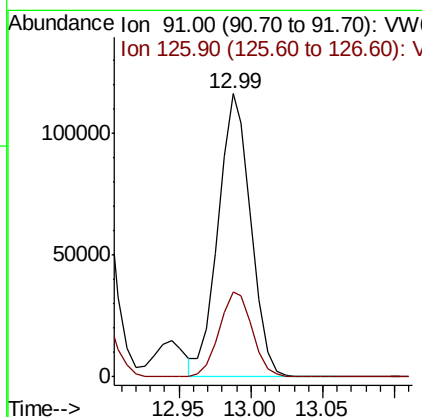
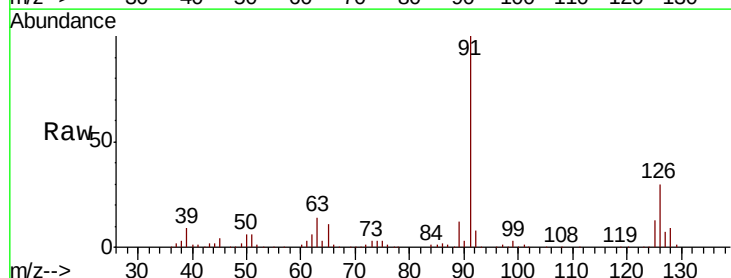
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

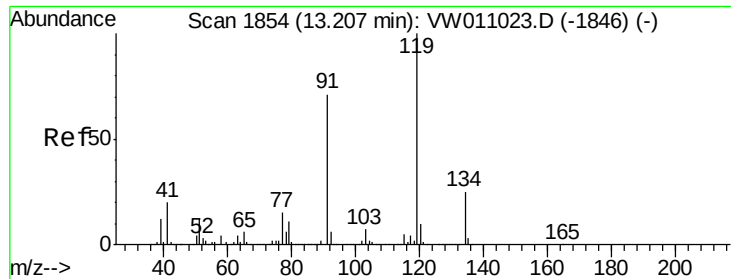
Tot Ion: 75 Resp: 14150
Ion Ratio Lower Upper
75 100
53 125.0 95.6 143.4
89 42.5 34.4 51.6



#82
4-Chlorotoluene
Concen: 20.410 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion: 91 Resp: 183852
Ion Ratio Lower Upper
91 100
126 30.5 15.7 47.1

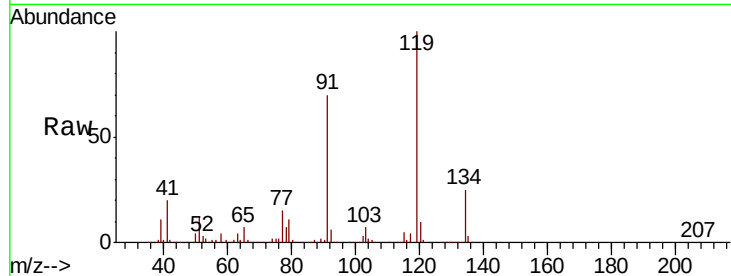




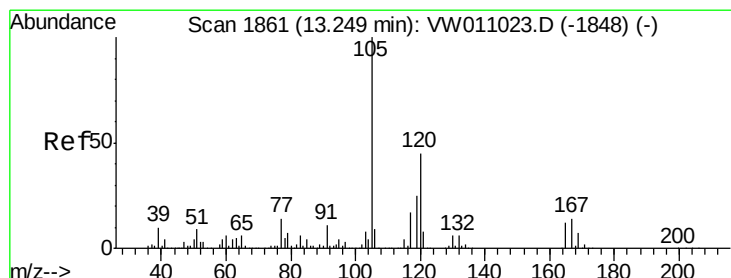
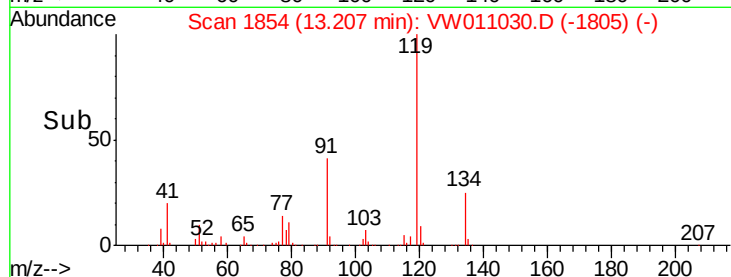
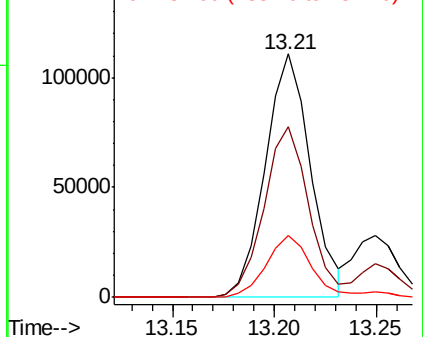
#83
tert-Butylbenzene
Concen: 19.787 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:119 Resp: 170878
Ion Ratio Lower Upper
119 100
91 69.2 35.5 106.5
134 25.0 12.4 37.2

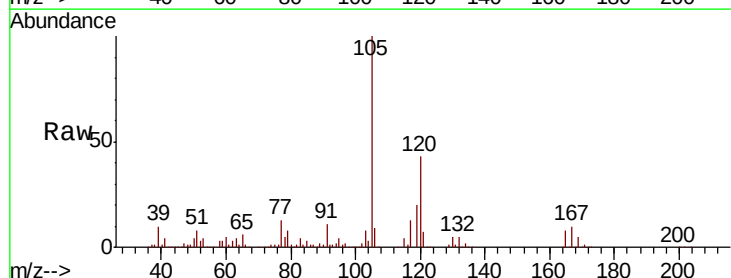


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

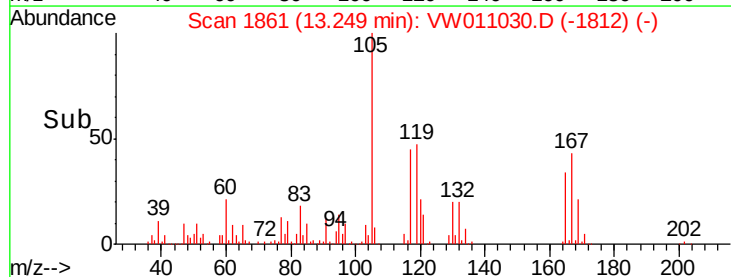
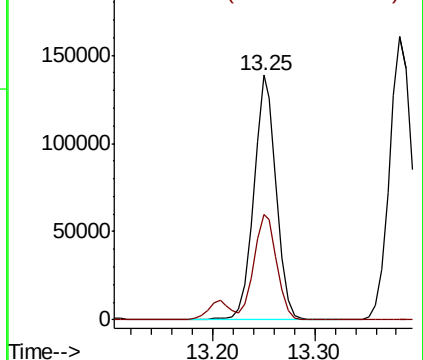


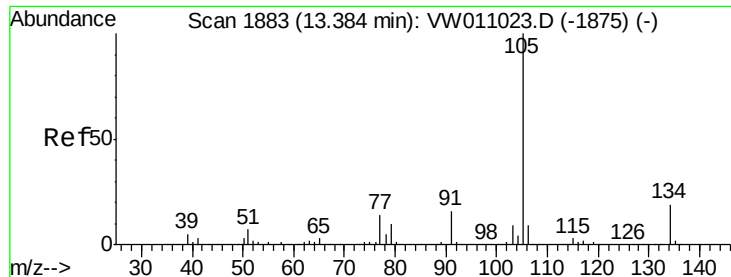
#84
1,2,4-Trimethylbenzene
Concen: 20.275 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion:105 Resp: 212227
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

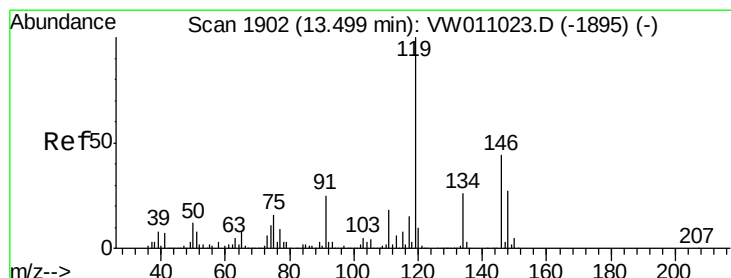
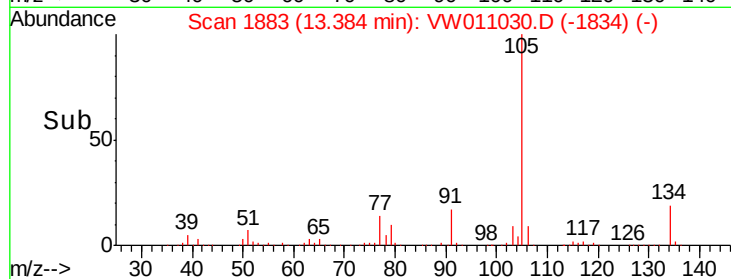
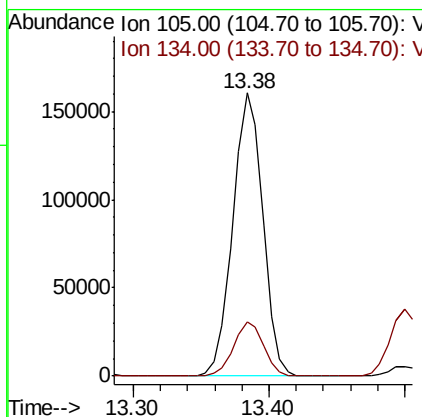
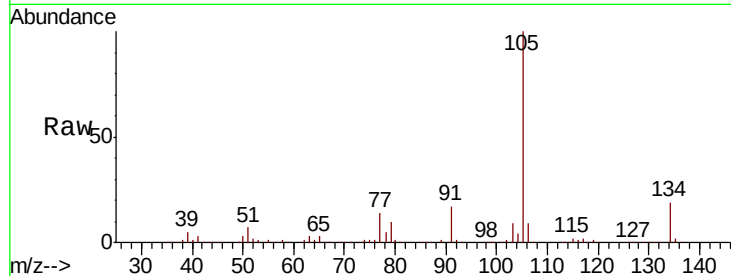




#85
 sec-Butylbenzene
 Concen: 19.648 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

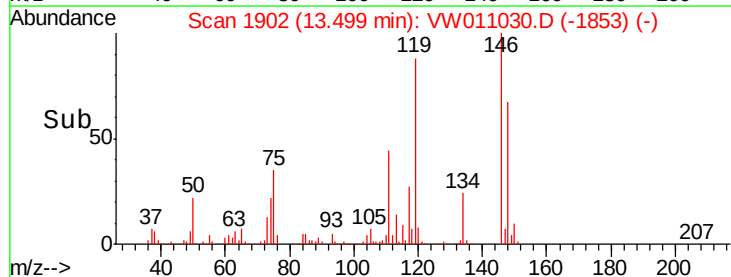
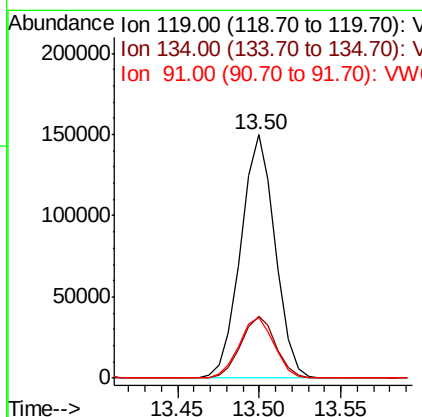
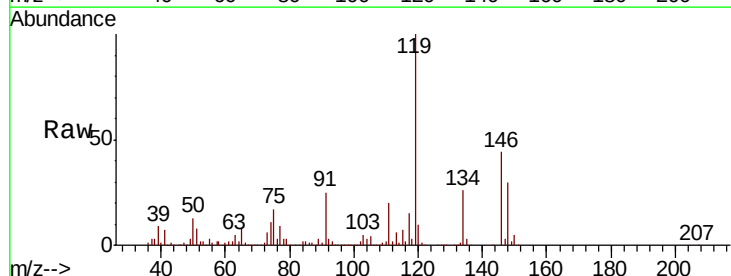
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

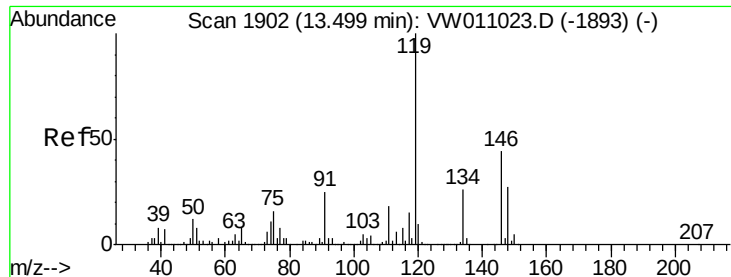
Tot Ion:105 Resp: 246482
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.462 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion:119 Resp: 219703
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 25.2 12.3 36.9

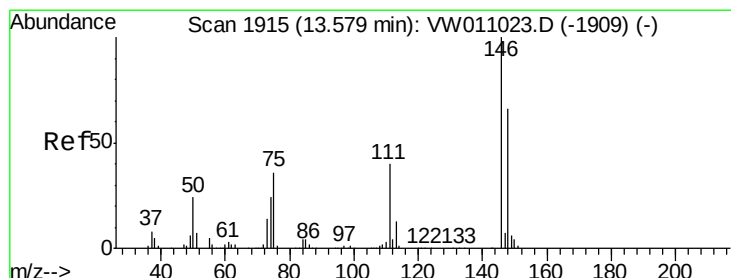
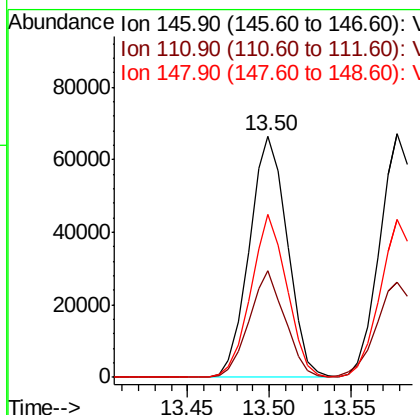
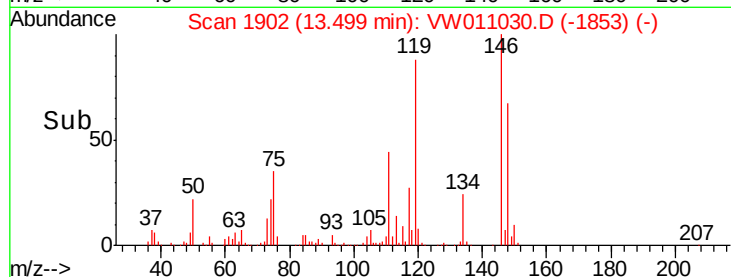
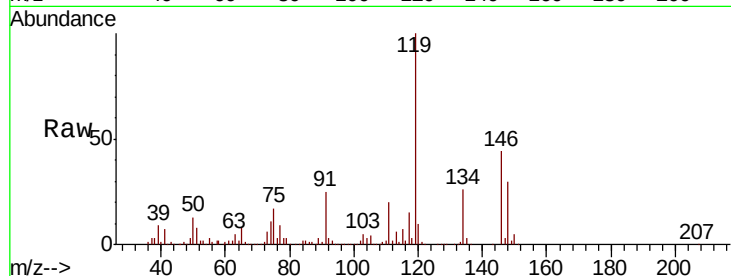




#87
 1,3-Dichlorobenzene
 Concen: 20.263 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

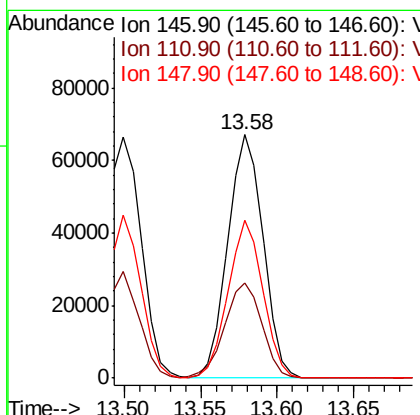
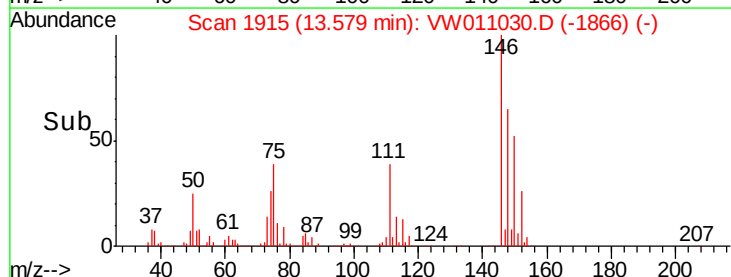
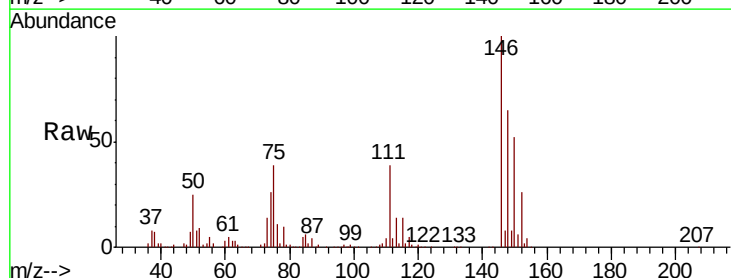
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

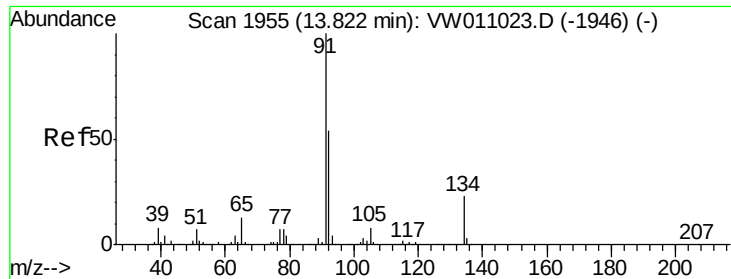
Tot Ion:146 Resp: 107644
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.8
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.237 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion:146 Resp: 107317
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.9
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.396 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011030.D

Acq: 27 Jun 2019 22:12

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

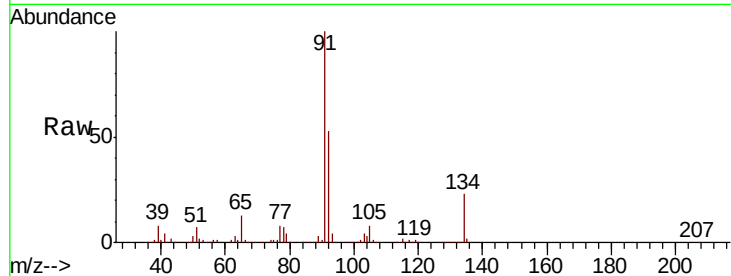
Tot Ion: 91 Resp: 222556

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.2

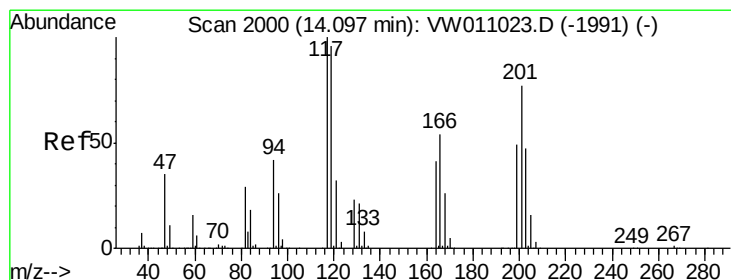
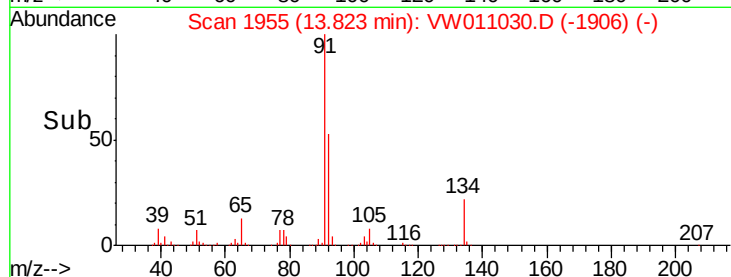
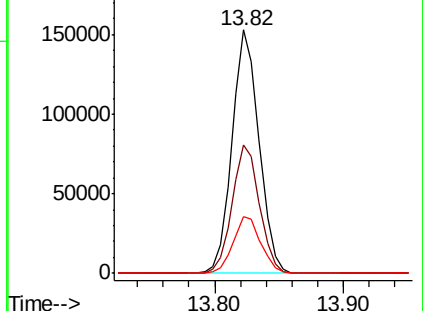
134 24.0 12.0 36.1



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: 18.997 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW011030.D

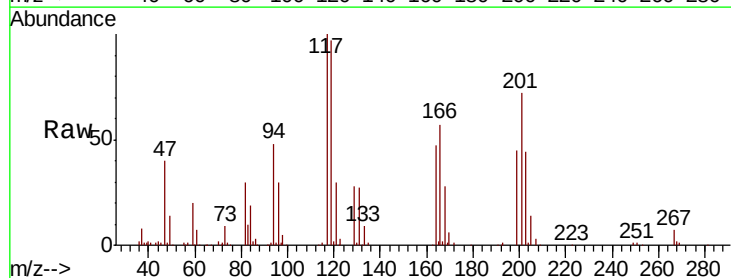
Acq: 27 Jun 2019 22:12

Tgt Ion: 117 Resp: 36695

Ion Ratio Lower Upper

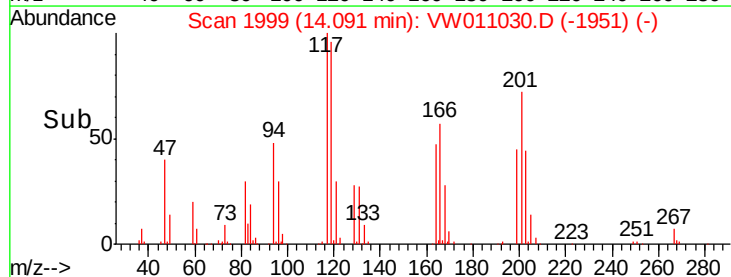
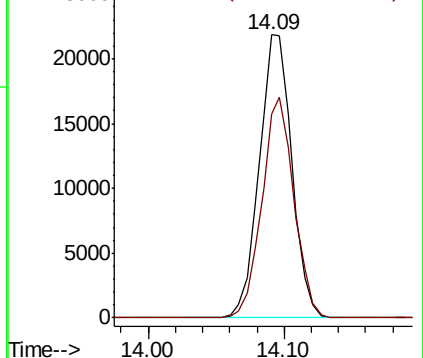
117 100

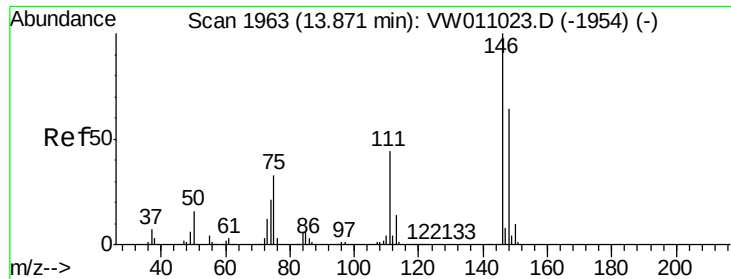
201 76.6 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

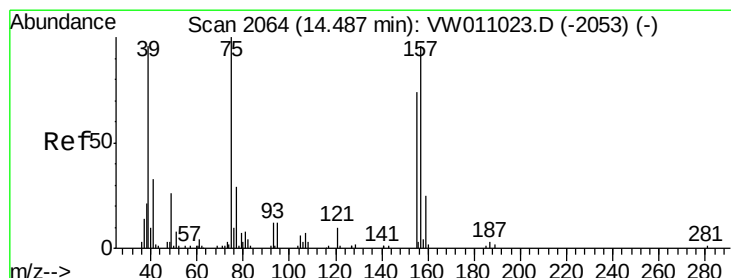
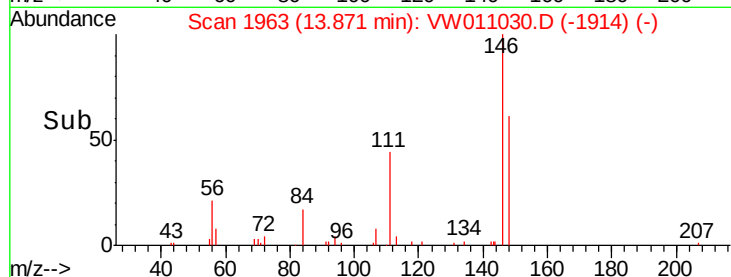
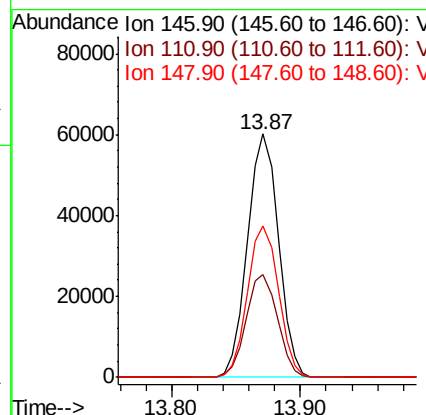
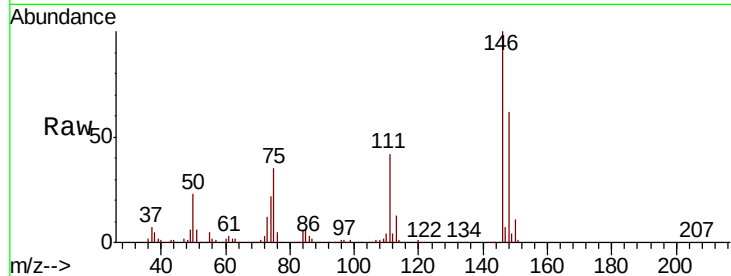




#91
 1,2-Dichlorobenzene
 Concen: 20.986 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

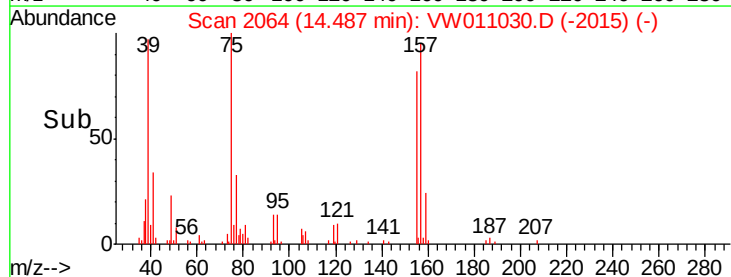
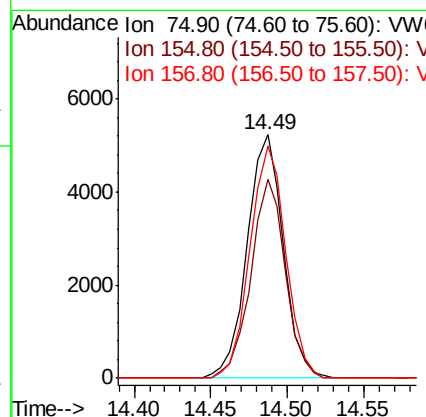
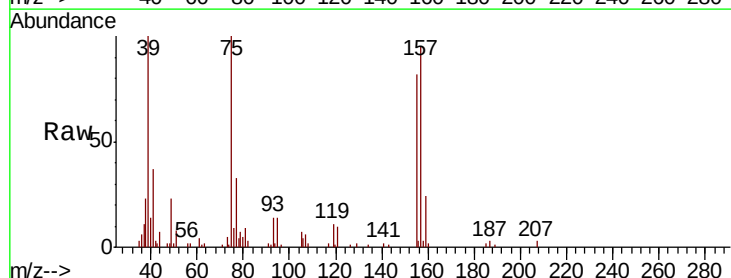
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

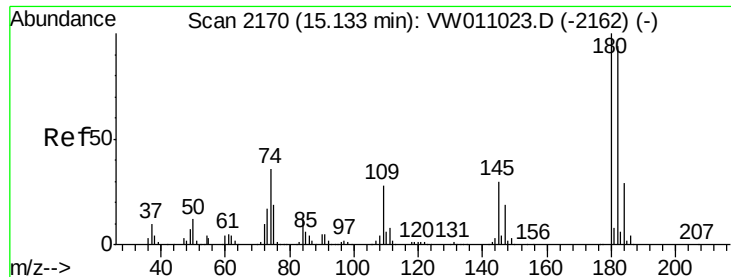
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	62.2	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.000 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	37.0	110.9
157	94.5	45.9	137.7

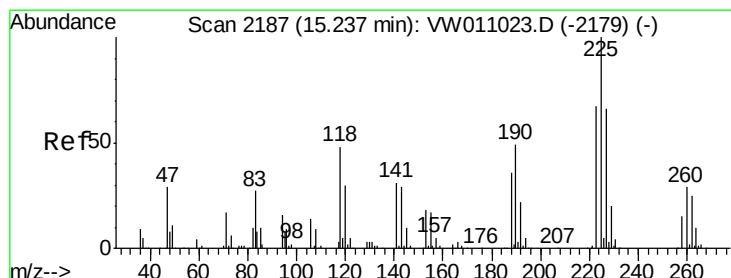
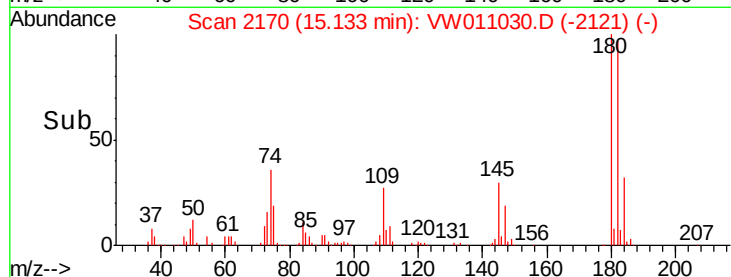
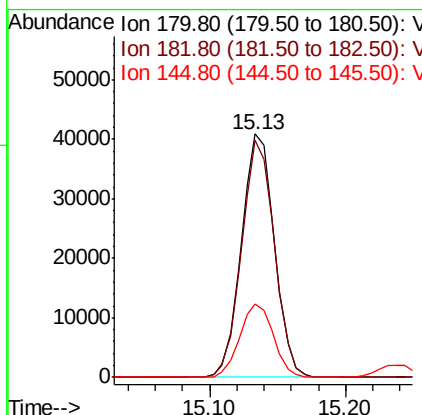
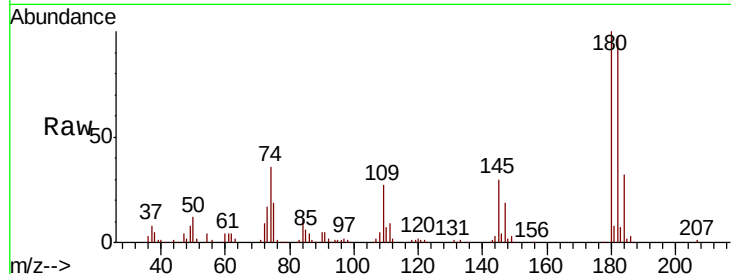




#93
 1,2,4-Trichlorobenzene
 Concen: 20.618 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

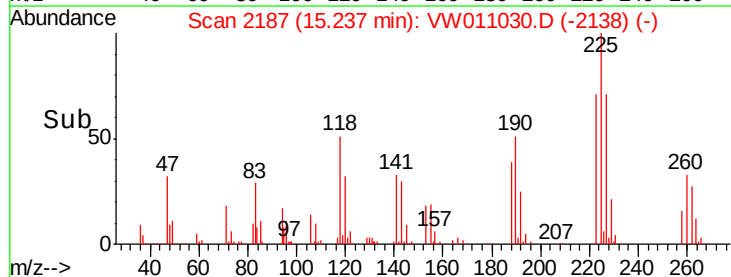
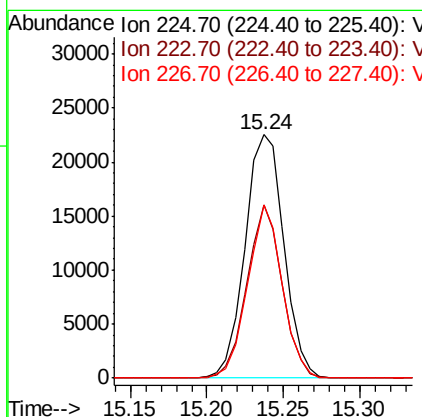
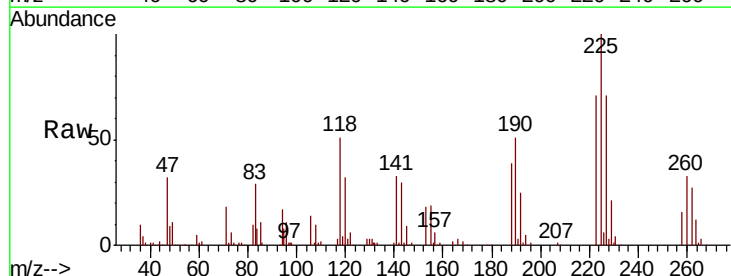
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

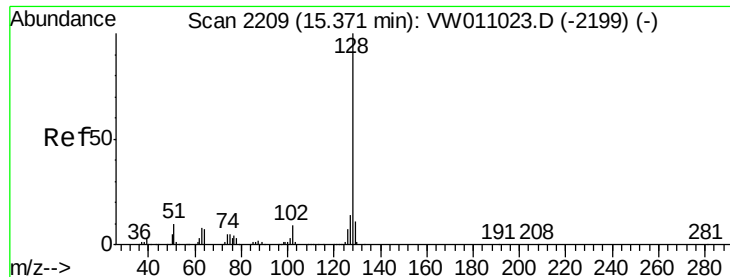
Tot Ion:180 Resp: 69214
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.4 142.2
 145 30.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.520 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011030.D
 Acq: 27 Jun 2019 22:12

Tgt Ion:225 Resp: 39744
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.9
 227 63.4 31.9 95.9

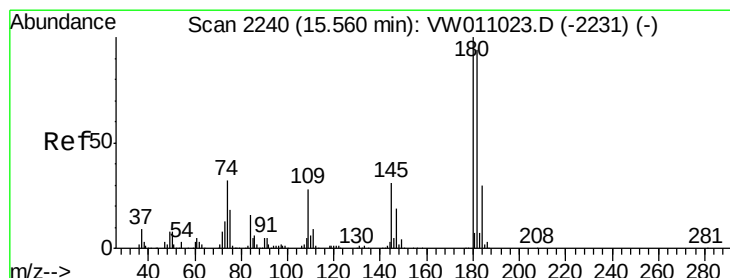
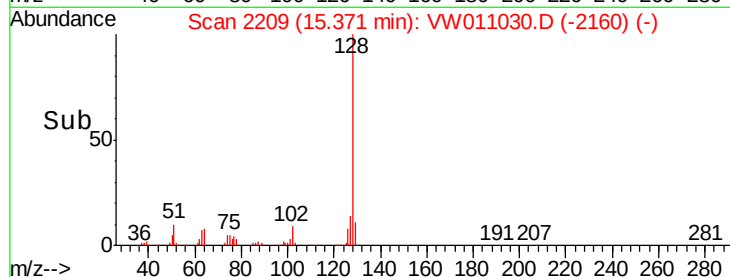
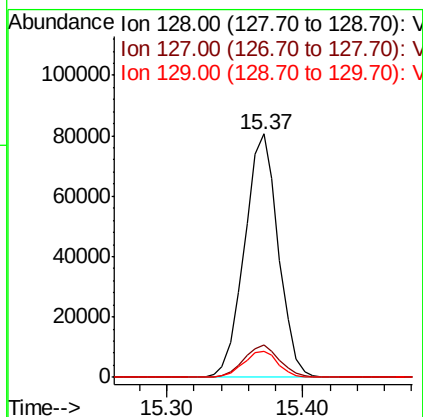
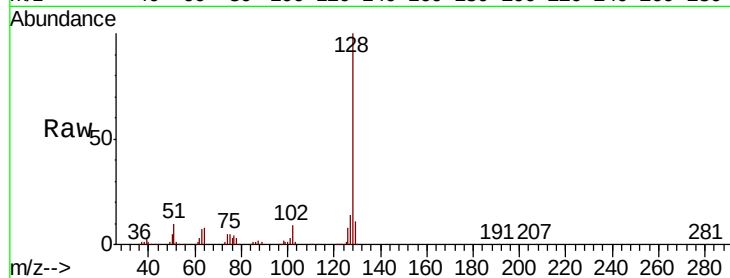




#95
Naphthalene
Concen: 22.186 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:128 Resp: 139900
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.311 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011030.D
Acq: 27 Jun 2019 22:12

Tgt Ion:180 Resp: 63879
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.7
145 31.8 16.1 48.2

