

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011026.D
 Acq On : 27 Jun 2019 18:37
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

Quant Time: Jun 28 02:10:53 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	223856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	151260	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	116415	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
50) Toluene-d8	10.32	98	486332	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.62	95	176880	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	77999	46.221	ug/l	95
3) Chloromethane	2.21	50	100212	44.297	ug/l	96
4) Vinyl Chloride	2.36	62	133253	45.239	ug/l	99
5) Bromomethane	2.77	94	70452	48.052	ug/l	99
6) Chloroethane	2.92	64	75483	48.606	ug/l	98
7) Trichlorofluoromethane	3.25	101	41526	47.974	ug/l	99
8) Diethyl Ether	3.67	74	70142	51.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	117433	48.239	ug/l	100
10) Methyl Iodide	4.27	142	165773	48.671	ug/l	99
11) Tert butyl alcohol	5.16	59	54084	254.467	ug/l	99
12) 1,1-Dichloroethene	4.04	96	121046	47.769	ug/l	96
13) Acrolein	3.89	56	40396	243.733	ug/l	99
14) Allyl chloride	4.66	41	204211	50.071	ug/l	99
15) Acrylonitrile	5.36	53	174267	258.149	ug/l	100
16) Acetone	4.12	43	192387	269.330	ug/l	99
17) Carbon Disulfide	4.39	76	357705	49.758	ug/l	100
18) Methyl Acetate	4.66	43	84914	45.891	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	189456	52.824	ug/l	96
20) Methylene Chloride	4.91	84	131963	45.469	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	128065	49.046	ug/l	99
22) Diisopropyl ether	6.31	45	498155	50.758	ug/l	97
23) Vinyl Acetate	6.25	43	1631586	269.808	ug/l	100
24) 1,1-Dichloroethane	6.21	63	253261	48.887	ug/l	100
25) 2-Butanone	7.17	43	287812	265.072	ug/l	100
26) 2,2-Dichloropropane	7.17	77	124826	46.408	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	138380	49.220	ug/l	99
28) Bromochloromethane	7.51	49	103949	43.103	ug/l	99
29) Tetrahydrofuran	7.52	42	178187	263.625	ug/l	100
30) Chloroform	7.67	83	230197	48.911	ug/l	98
31) Cyclohexane	7.95	56	263191	47.018	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	174218	49.537	ug/l	99
36) 1,1-Dichloropropene	8.08	75	192444	48.298	ug/l	100
37) Ethyl Acetate	7.25	43	121768	52.533	ug/l	98
38) Carbon Tetrachloride	8.06	117	161242	49.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	245094	49.983	ug/l	95
40) Benzene	8.32	78	536113	48.920	ug/l	99
41) Methacrylonitrile	7.48	41	76304	54.107	ug/l	99
42) 1,2-Dichloroethane	8.40	62	176524	49.126	ug/l	100
43) Isopropyl Acetate	8.42	43	232279	52.972	ug/l	99
44) Trichloroethene	9.09	130	128069	48.354	ug/l	96
45) 1,2-Dichloropropane	9.37	63	147210	49.465	ug/l	100
46) Dibromomethane	9.46	93	68543	49.246	ug/l	99
47) Bromodichloromethane	9.64	83	175251	50.856	ug/l	99
48) Methyl methacrylate	9.43	41	112083	52.717	ug/l	99
49) 1,4-Dioxane	9.45	88	25110	1072.980	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	610820	264.630	ug/l	100
52) Toluene	10.38	92	331270	49.373	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	189909	52.909	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221572	51.749	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	99020	50.356	ug/l	97
56) Ethyl methacrylate	10.65	69	157335	53.431	ug/l	98
57) 1,3-Dichloropropane	10.93	76	186822	49.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	395741	265.620	ug/l	99
59) 2-Hexanone	10.97	43	442118	274.664	ug/l	99
60) Dibromochloromethane	11.13	129	107627	52.194	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93356	50.713	ug/l	99
64) Tetrachloroethene	10.86	164	113337	49.585	ug/l	97
65) Chlorobenzene	11.66	112	332877	48.960	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116014	50.258	ug/l	99
67) Ethyl Benzene	11.73	91	643725	49.434	ug/l	99
68) m/p-Xylenes	11.84	106	465947	98.609	ug/l	99
69) o-Xylene	12.16	106	222232	50.493	ug/l	99
70) Styrene	12.18	104	386775	50.572	ug/l	99
71) Bromoform	12.35	173	59332	52.723	ug/l #	98
73) Isopropylbenzene	12.46	105	610302	49.871	ug/l	100
74) N-amyl acetate	12.27	43	223643	54.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121466	50.545	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	161646	93.730	ug/l #	100
77) Bromobenzene	12.75	156	135017	50.195	ug/l	99
78) n-propylbenzene	12.80	91	754771	49.806	ug/l	99
79) 2-Chlorotoluene	12.89	91	427547	49.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	520558	50.188	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39331	48.646	ug/l	98
82) 4-Chlorotoluene	12.99	91	442766	49.075	ug/l	100
83) tert-Butylbenzene	13.21	119	435129	50.308	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	522816	49.869	ug/l	99
85) sec-Butylbenzene	13.38	105	630698	50.195	ug/l	100
86) p-Isopropyltoluene	13.50	119	567256	50.169	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	262346	49.307	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260048	48.961	ug/l	99
89) n-Butylbenzene	13.82	91	578950	50.377	ug/l	100
90) Hexachloroethane	14.10	117	98601	50.966	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	233852	48.935	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21964	53.780	ug/l	99

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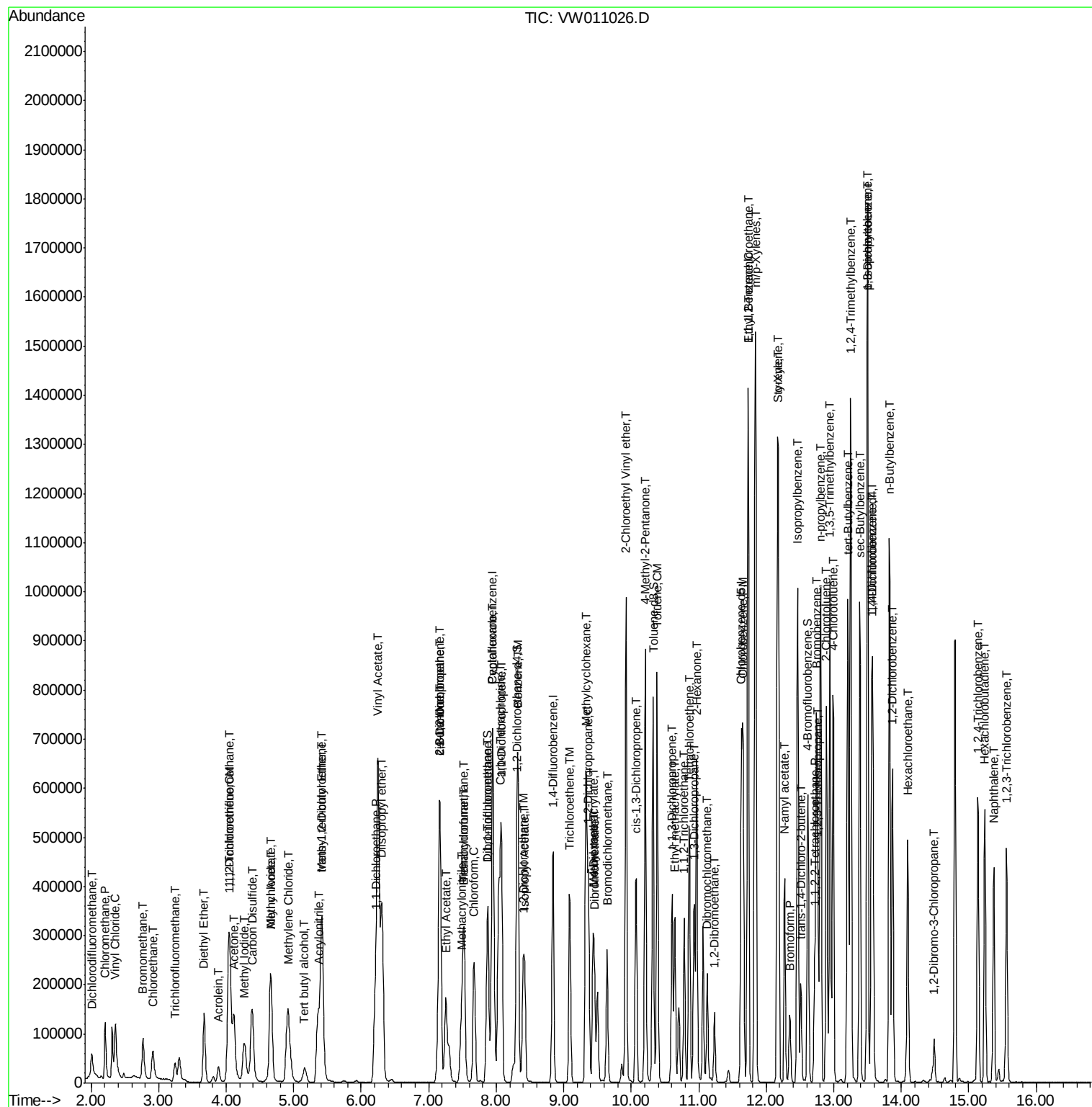
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173435	51.583	ug/l	100
94) Hexachlorobutadiene	15.24	225	102876	50.447	ug/l	99
95) Naphthalene	15.37	128	347510	55.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154770	51.551	ug/l	99

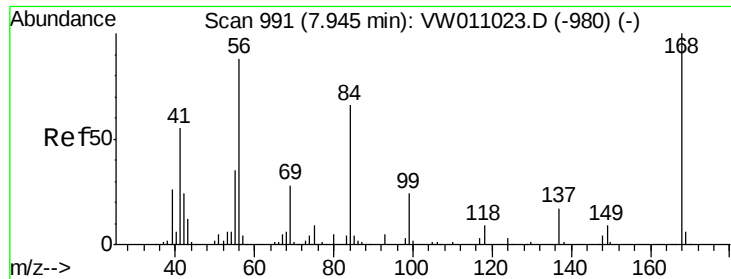
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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Client Sampled :
ICVW062819

Quant Time: Jun 28 02:10:53 2019
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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

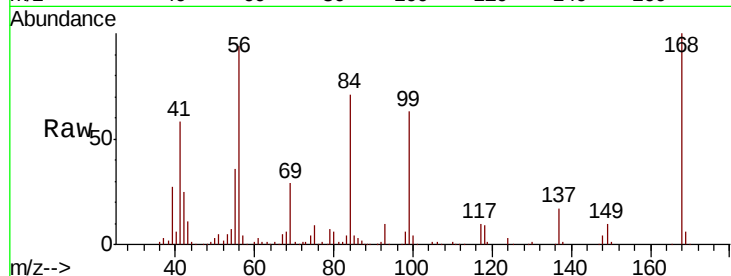
ICVW062819

Tot Ion:168 Resp: 223856

Ion Ratio Lower Upper

168 100

99 62.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

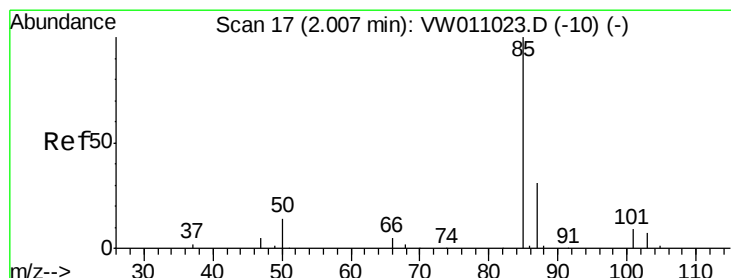
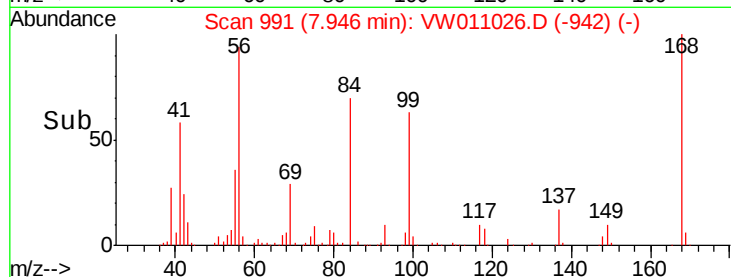
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.221 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011026.D

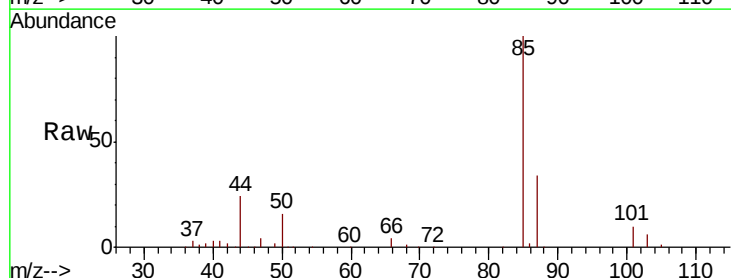
Acq: 27 Jun 2019 18:37

Tgt Ion: 85 Resp: 77999

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

10000

5000

0

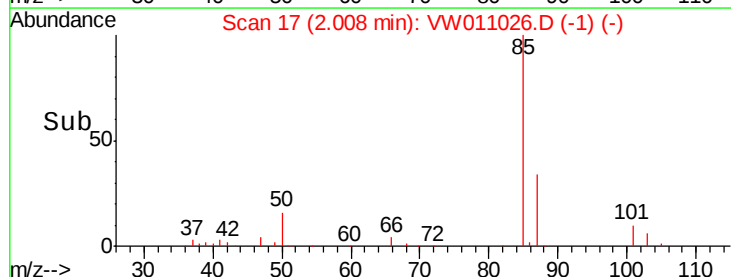
1.90

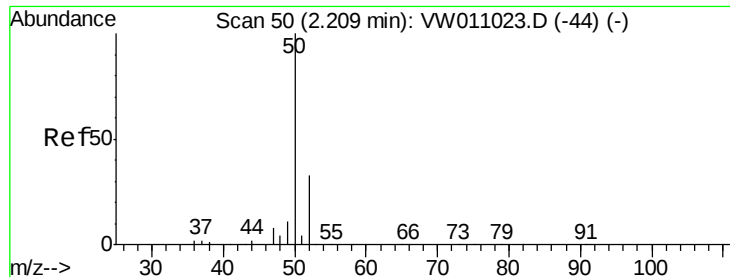
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 44.297 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

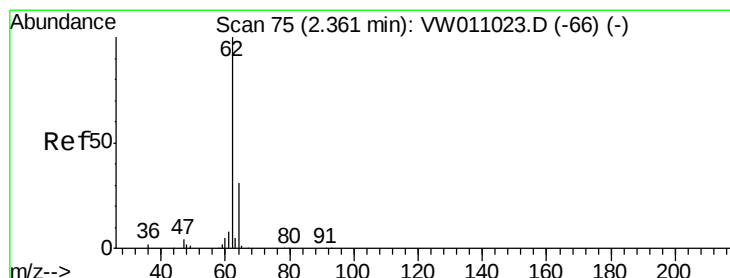
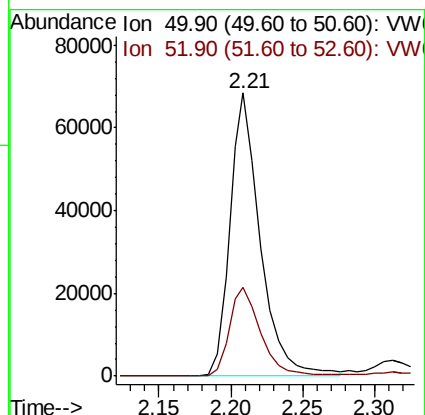
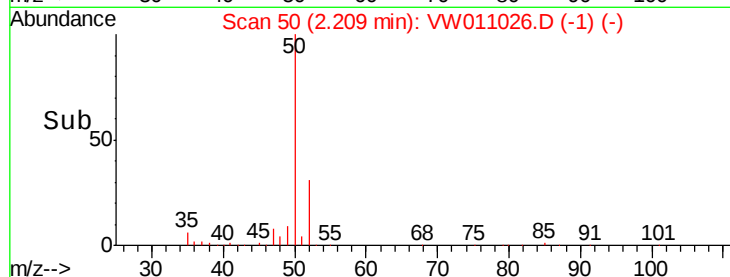
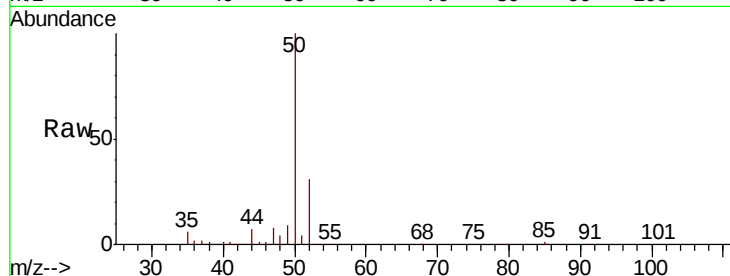
ICVW062819

Tot Ion: 50 Resp: 100212

Ion Ratio Lower Upper

50 100

52 31.2 26.6 40.0



#4

Vinyl Chloride

Concen: 45.239 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011026.D

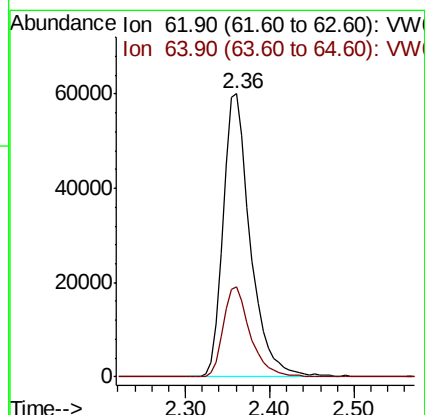
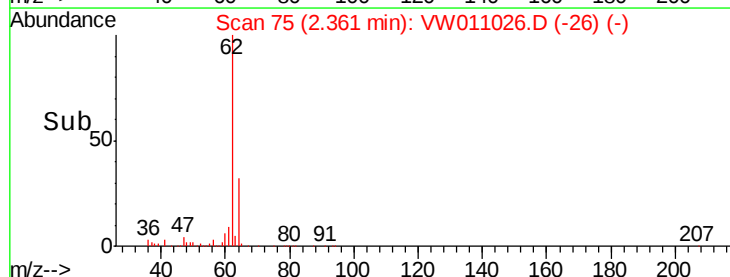
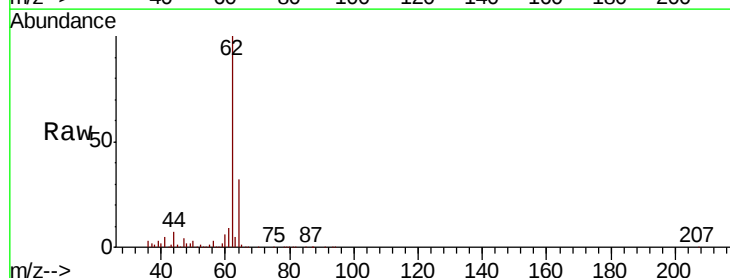
Acq: 27 Jun 2019 18:37

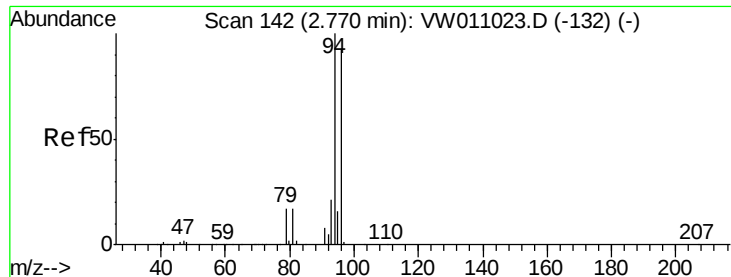
Tgt Ion: 62 Resp: 133253

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 48.052 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

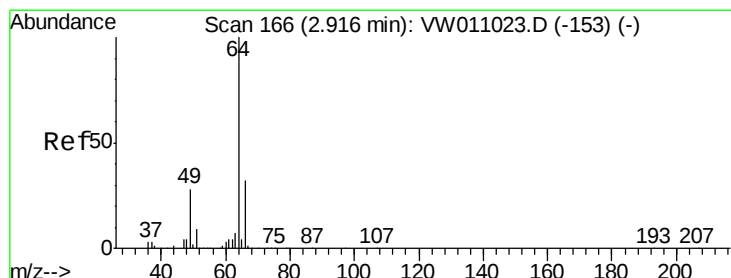
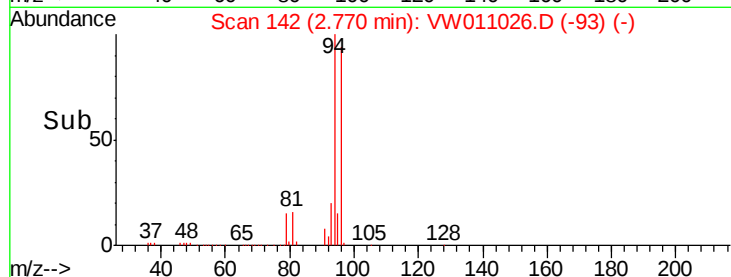
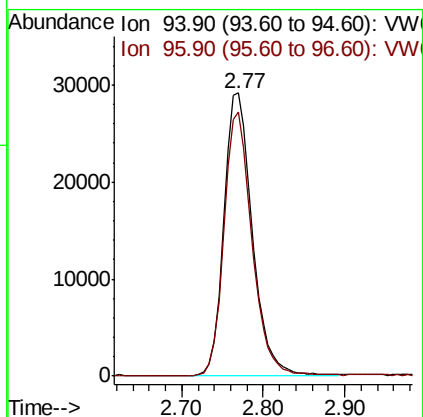
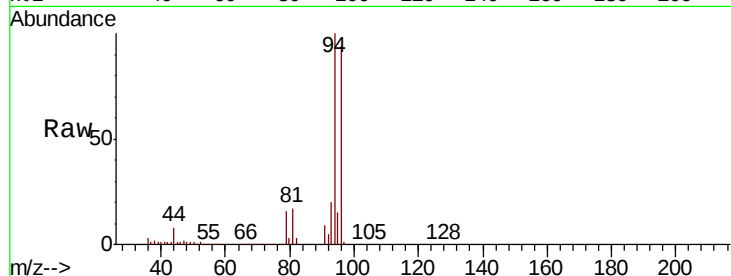
ICVW062819

Tot Ion: 94 Resp: 70452

Ion Ratio Lower Upper

94 100

96 93.5 74.2 111.2



#6

Chloroethane

Concen: 48.606 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011026.D

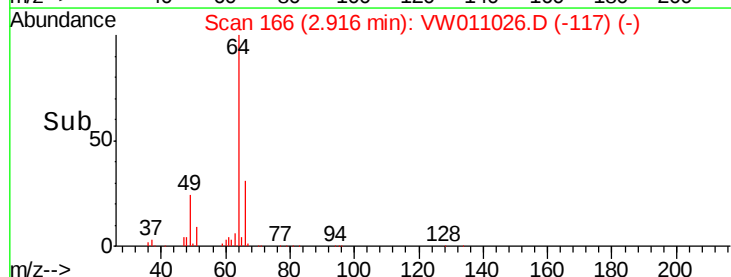
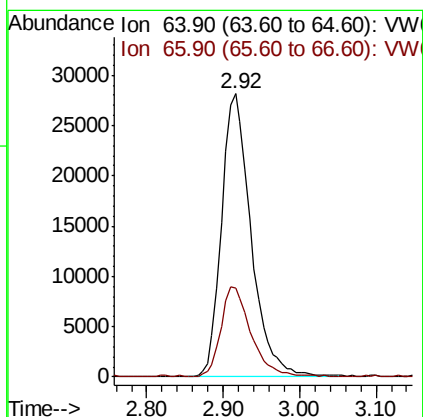
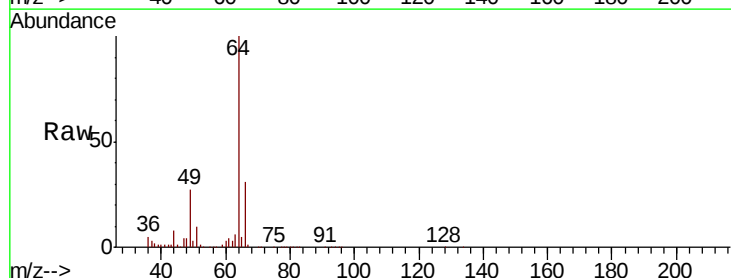
Acq: 27 Jun 2019 18:37

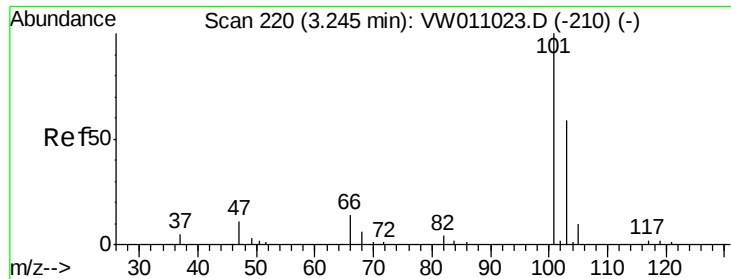
Tgt Ion: 64 Resp: 75483

Ion Ratio Lower Upper

64 100

66 31.0 25.7 38.5



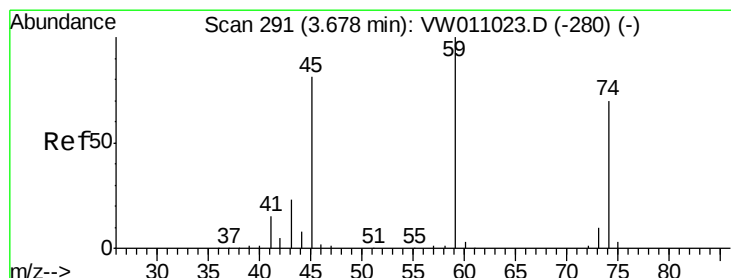
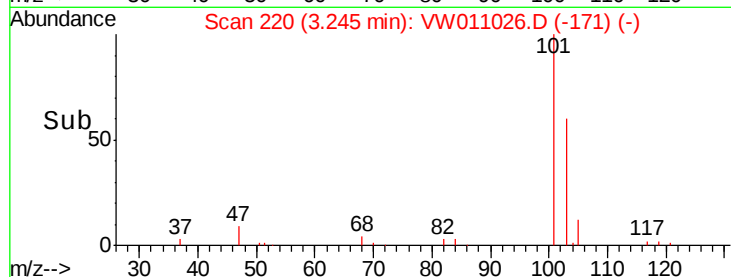
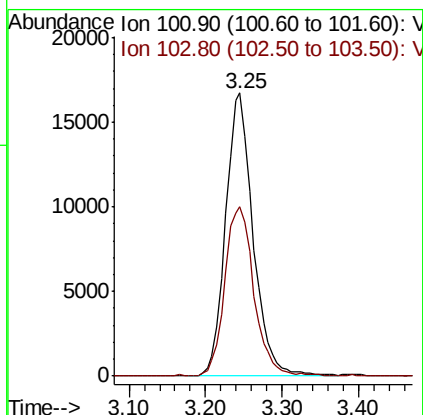
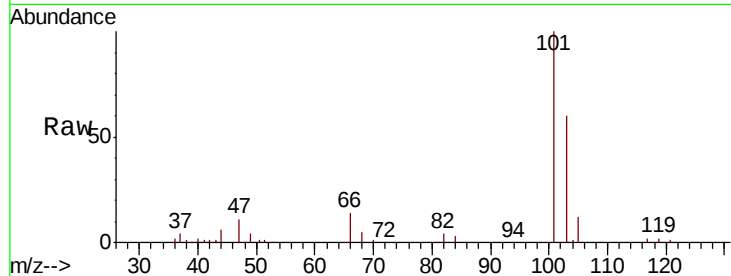


#7

Trichlorofluoromethane
Concen: 47.974 ug/l
RT: 3.25 min Scan# 220
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

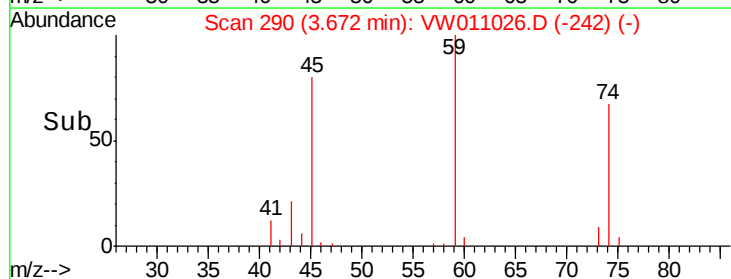
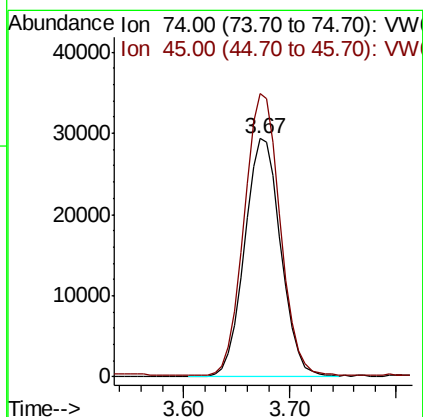
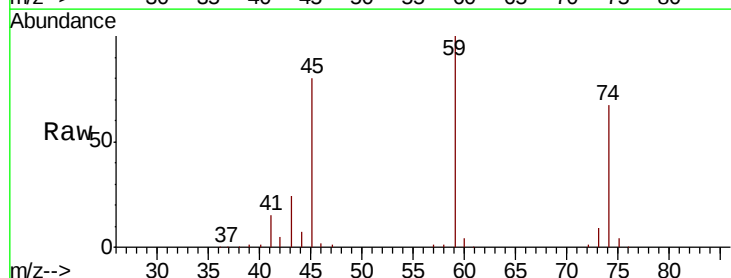
Tot Ion:101 Resp: 41526
Ion Ratio Lower Upper
101 100
103 59.9 47.5 71.3

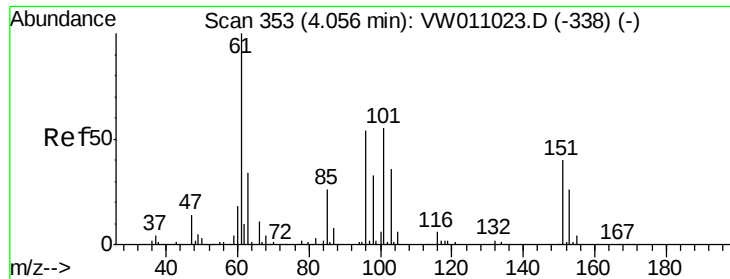


#8

Diethyl Ether
Concen: 51.167 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 74 Resp: 70142
Ion Ratio Lower Upper
74 100
45 117.0 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.239 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

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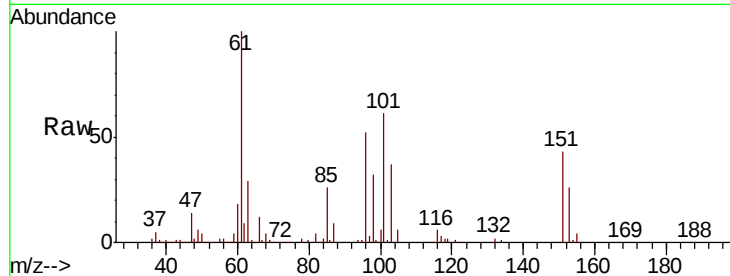
Tot Ion:101 Resp: 117433

Ion Ratio Lower Upper

101 100

85 45.9 36.6 55.0

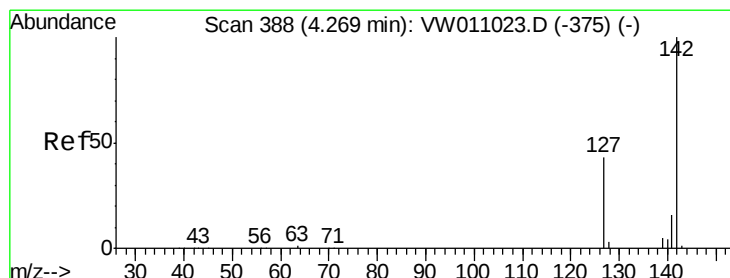
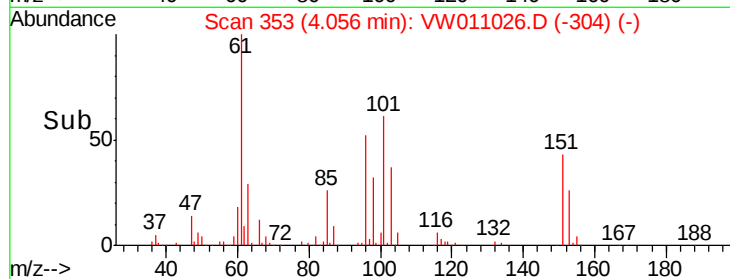
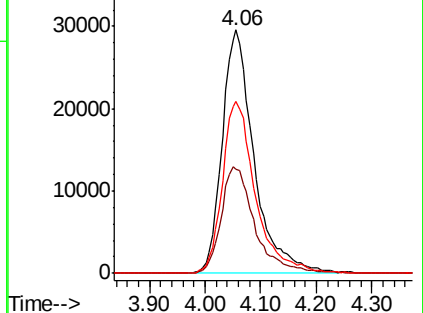
151 73.3 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.671 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

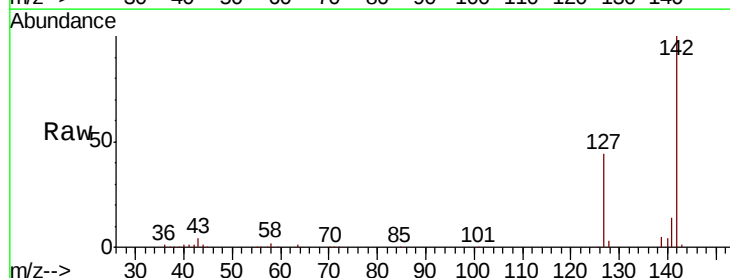
Tgt Ion:142 Resp: 165773

Ion Ratio Lower Upper

142 100

127 44.4 35.8 53.8

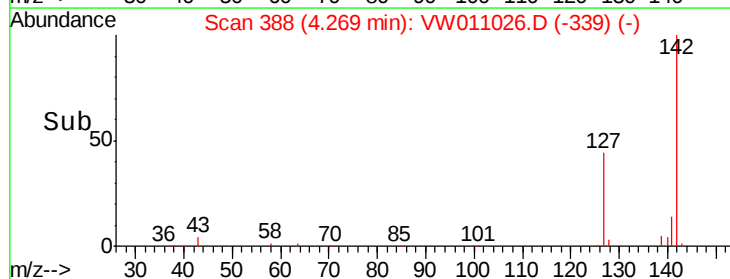
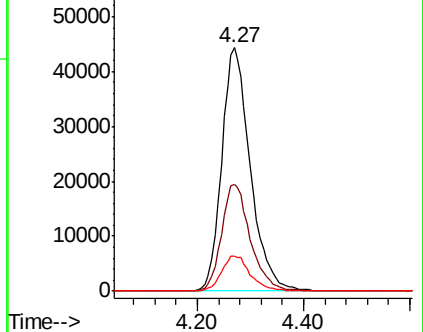
141 14.6 12.2 18.2

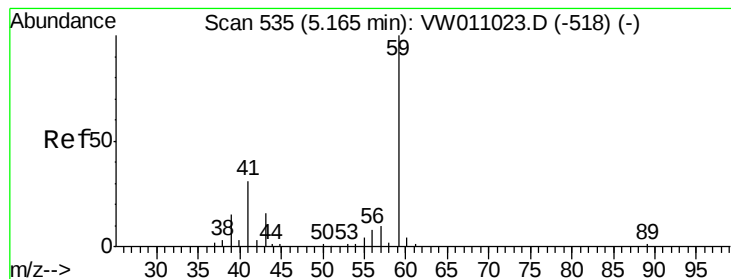


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



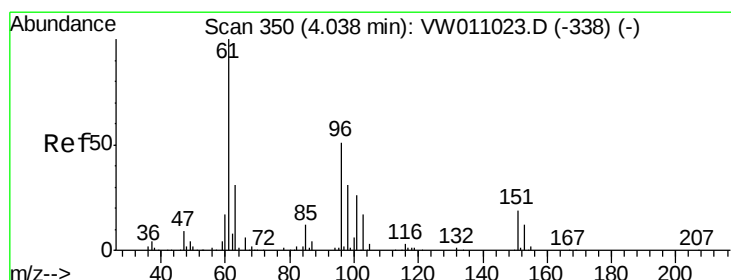
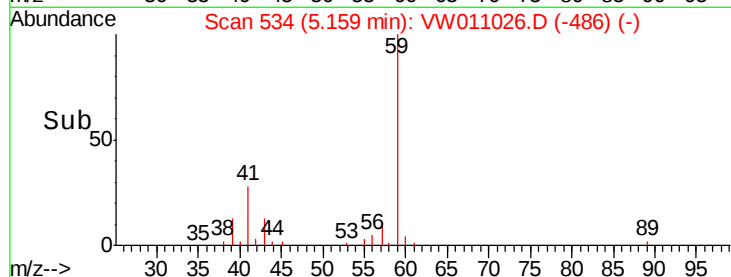
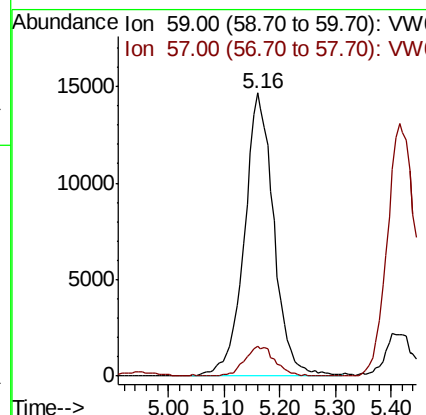
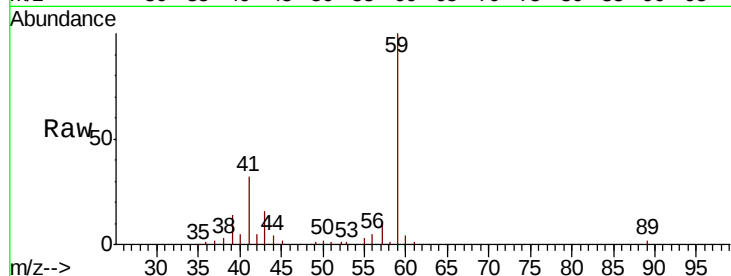


#11

Tert butyl alcohol
 Concen: 254.467 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

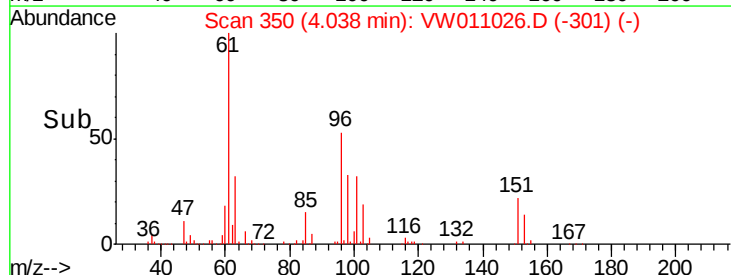
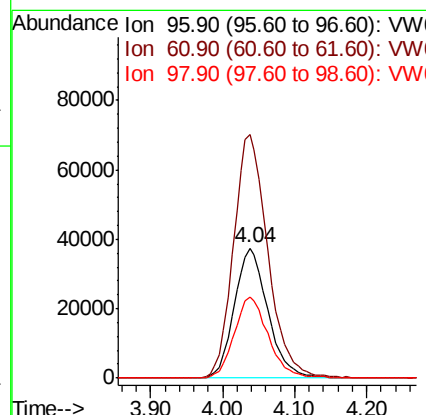
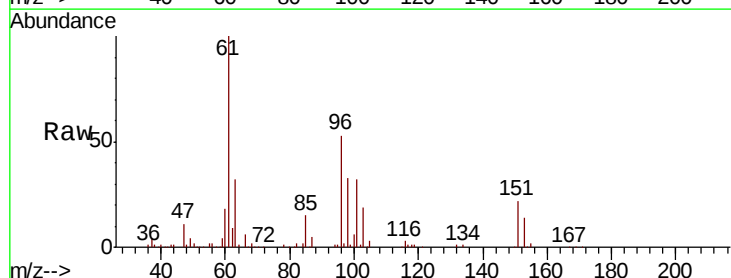
Tot Ion: 59 Resp: 54084
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.0 13.4

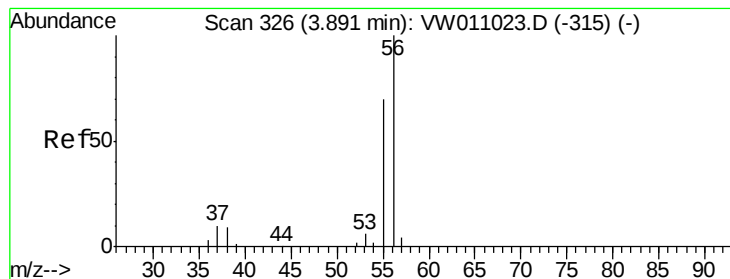


#12

1,1-Dichloroethene
 Concen: 47.769 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 96 Resp: 121046
 Ion Ratio Lower Upper
 96 100
 61 187.2 156.0 234.0
 98 61.9 48.7 73.1





#13

Acrolein

Concen: 243.733 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

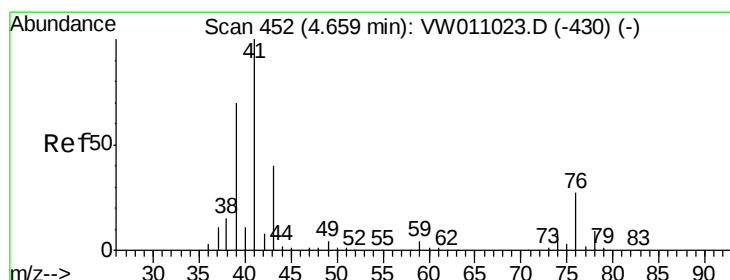
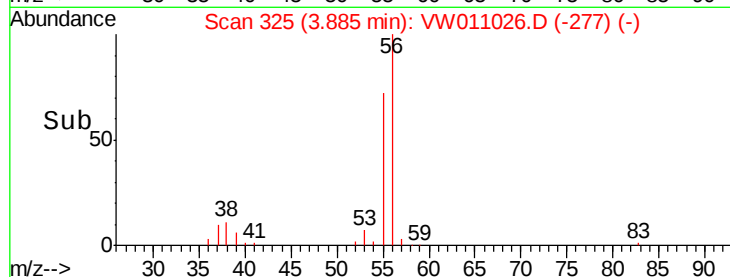
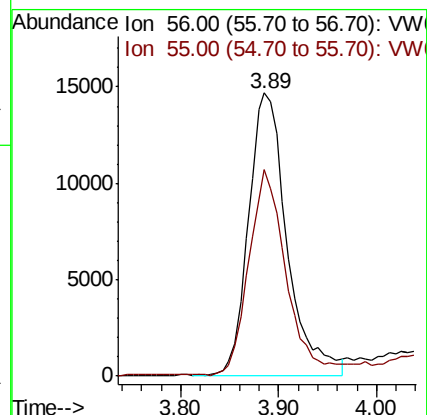
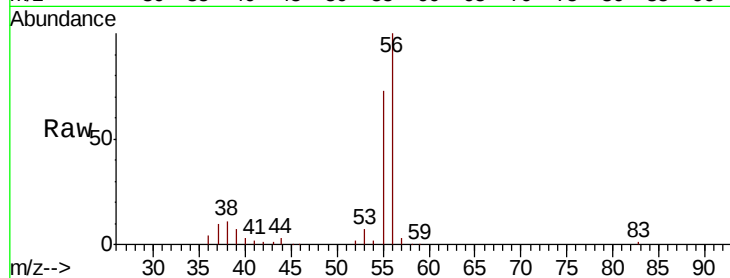
ICVW062819

Tot Ion: 56 Resp: 40396

Ion Ratio Lower Upper

56 100

55 70.3 55.7 83.5



#14

Allyl chloride

Concen: 50.071 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

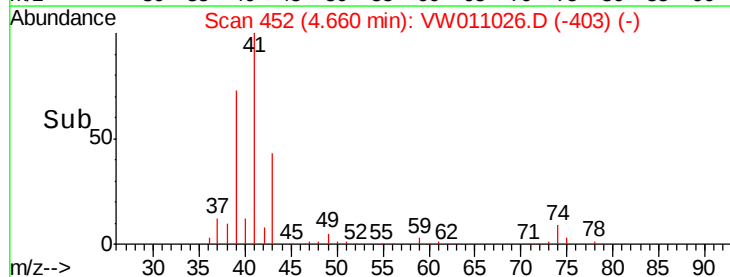
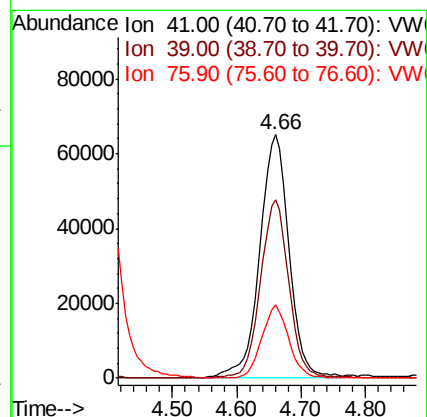
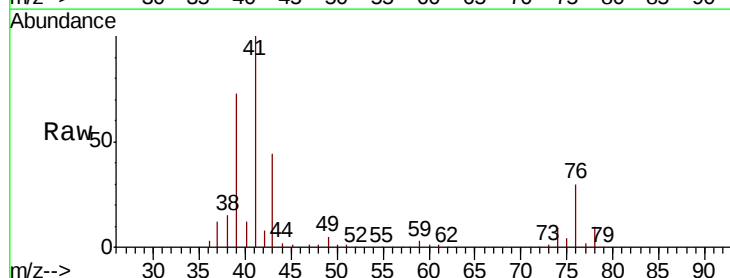
Tgt Ion: 41 Resp: 204211

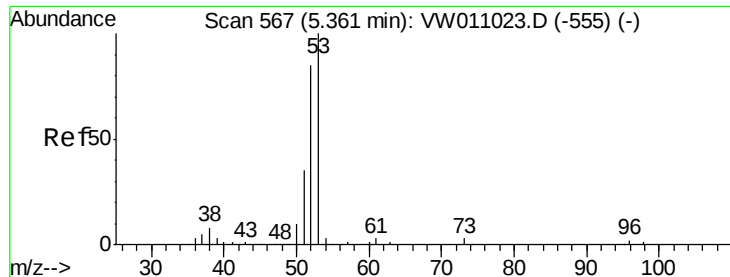
Ion Ratio Lower Upper

41 100

39 70.8 55.4 83.2

76 27.2 22.0 33.0





#15

Acrylonitrile

Concen: 258.149 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

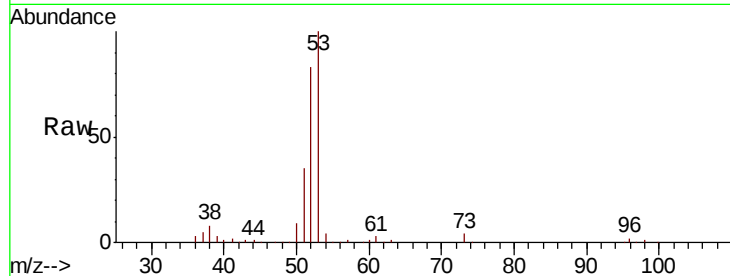
Tot Ion: 53 Resp: 174267

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

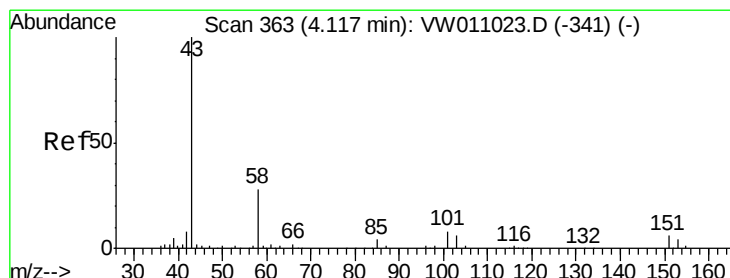
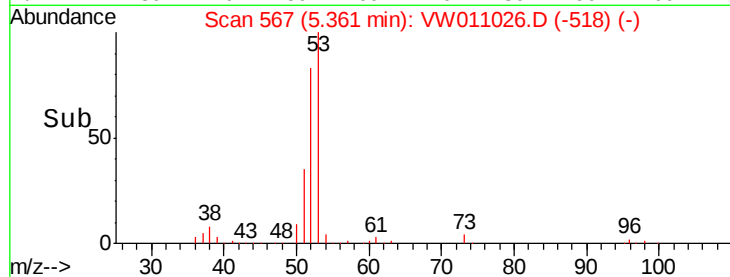
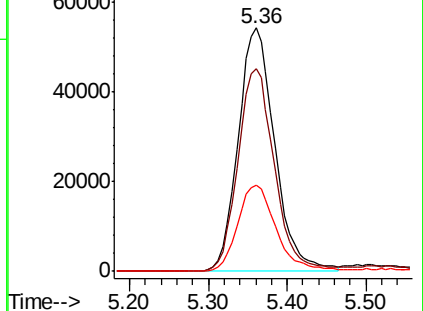
51 37.3 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 269.330 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011026.D

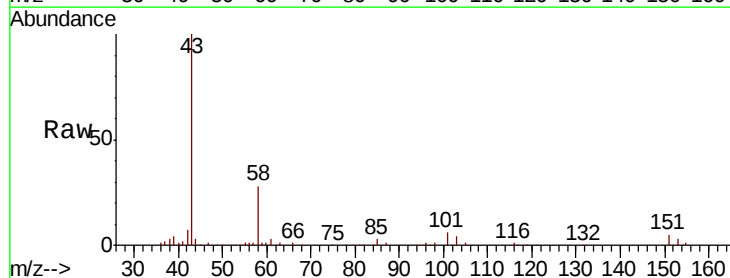
Acq: 27 Jun 2019 18:37

Tgt Ion: 43 Resp: 192387

Ion Ratio Lower Upper

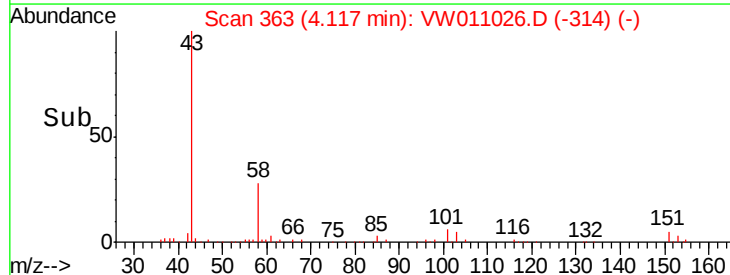
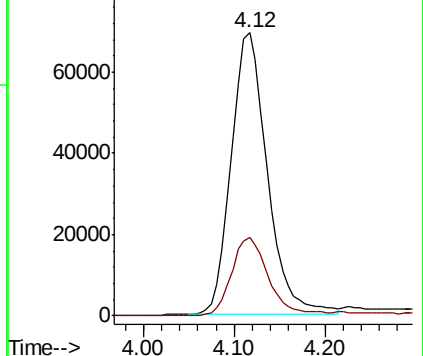
43 100

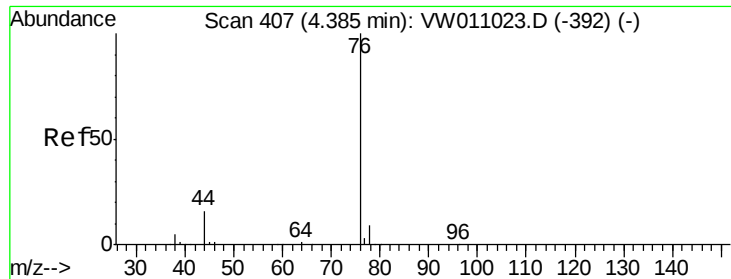
58 27.6 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

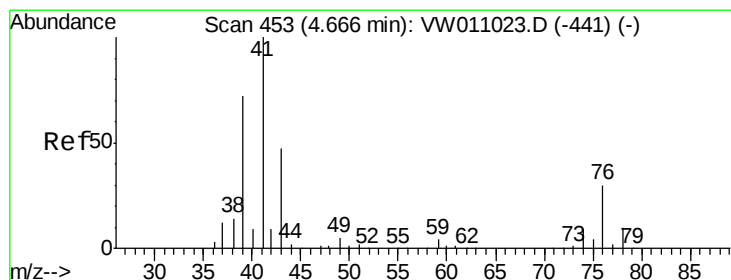
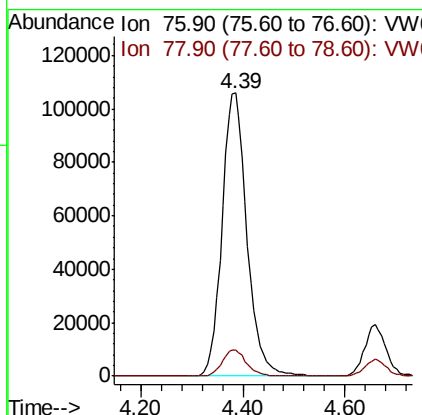
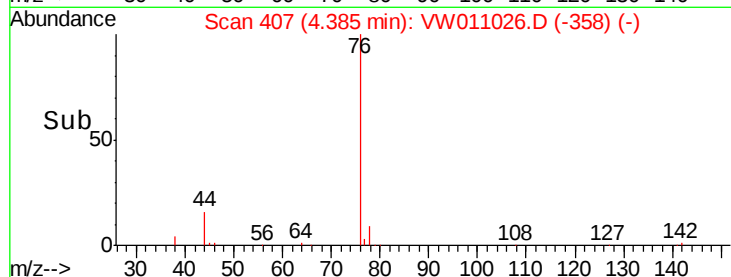
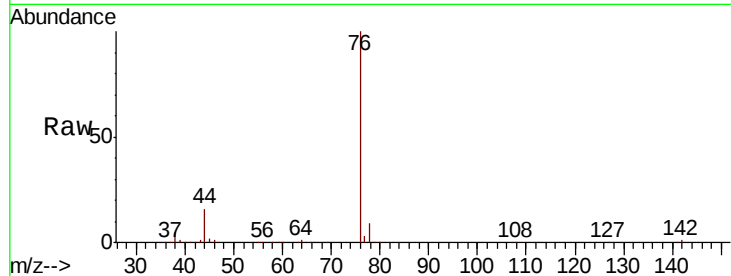




#17
Carbon Disulfide
Concen: 49.758 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

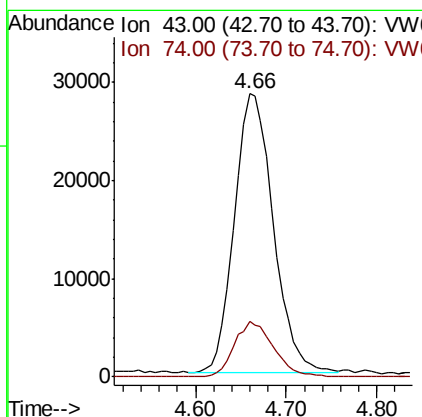
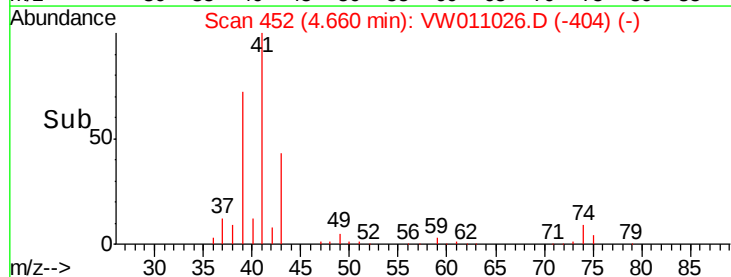
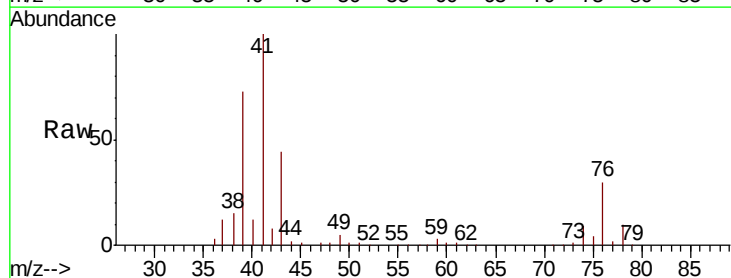
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

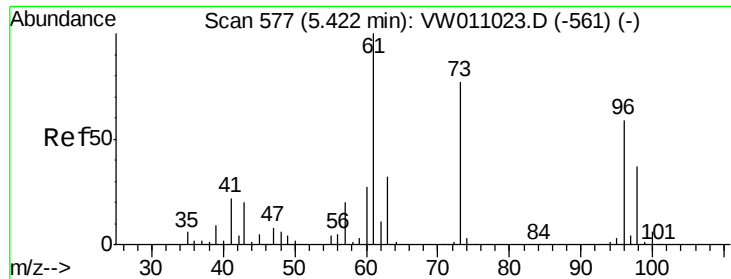
Tot Ion: 76 Resp: 357705
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 45.891 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 43 Resp: 84914
Ion Ratio Lower Upper
43 100
74 19.8 15.8 23.8

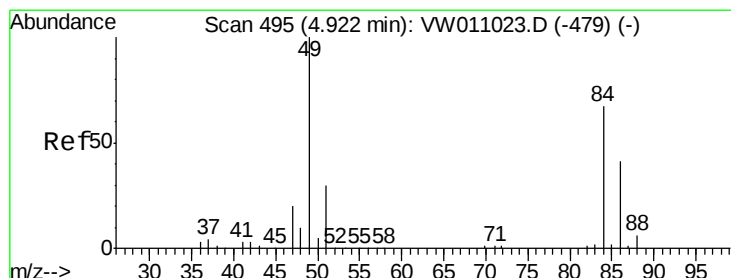
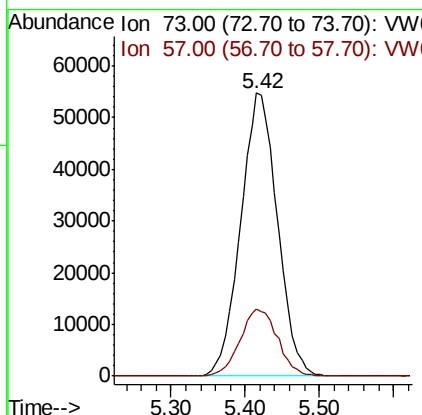
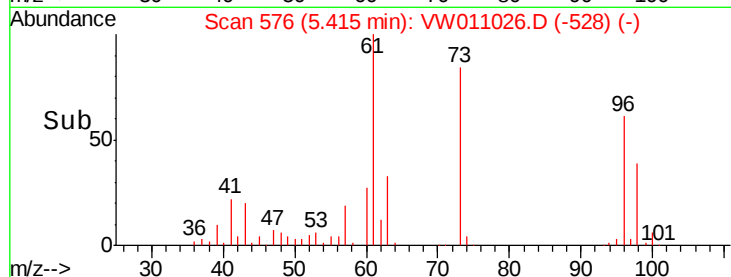
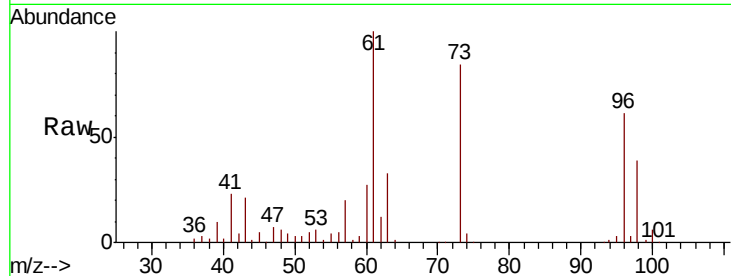




#19
Methvl tert-butvl Ether
Concen: 52.824 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

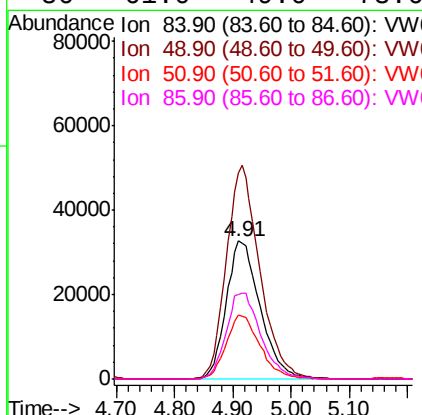
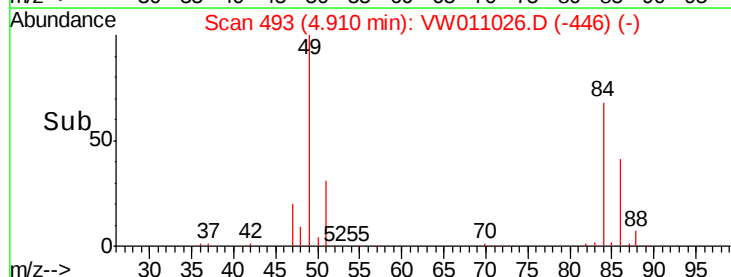
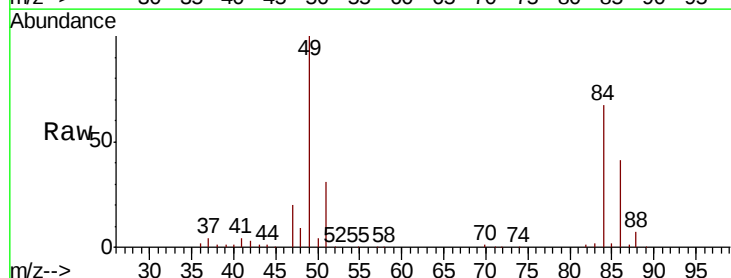
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

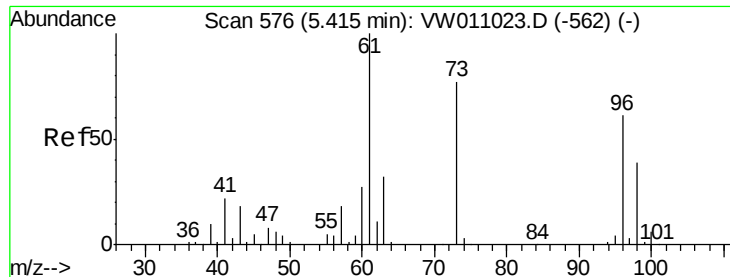
Tot Ion: 73 Resp: 189456
Ion Ratio Lower Upper
73 100
57 23.9 20.8 31.2



#20
Methylene Chloride
Concen: 45.469 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 84 Resp: 131963
Ion Ratio Lower Upper
84 100
49 148.9 119.6 179.4
51 46.1 35.6 53.4
86 61.0 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 49.046 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

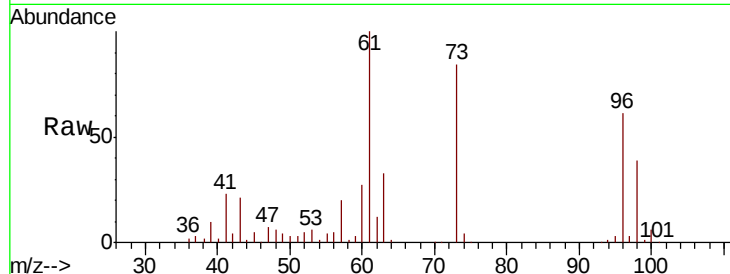
Tot Ion: 96 Resp: 128065

Ion Ratio Lower Upper

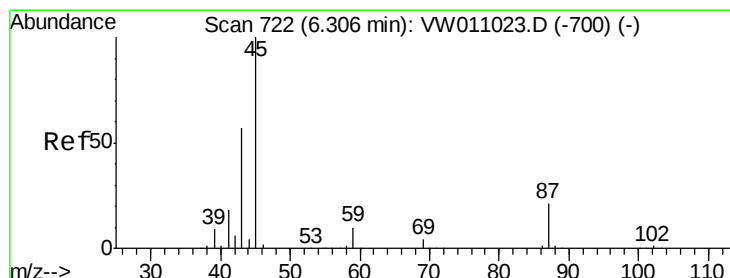
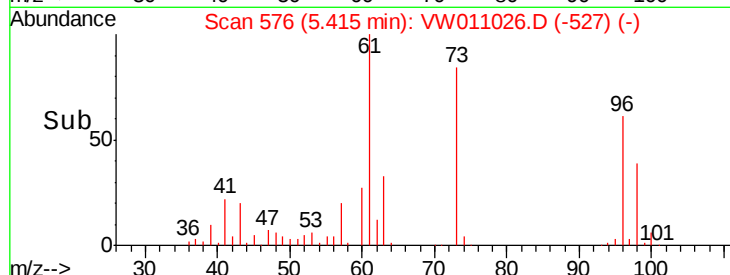
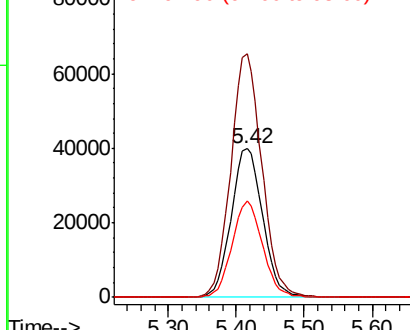
96 100

61 164.1 131.0 196.4

98 64.7 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: 50.758 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion: 45 Resp: 498155

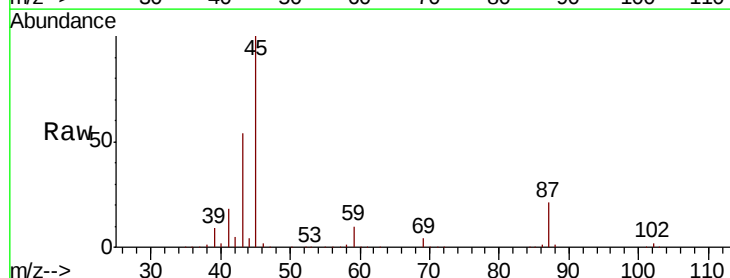
Ion Ratio Lower Upper

45 100

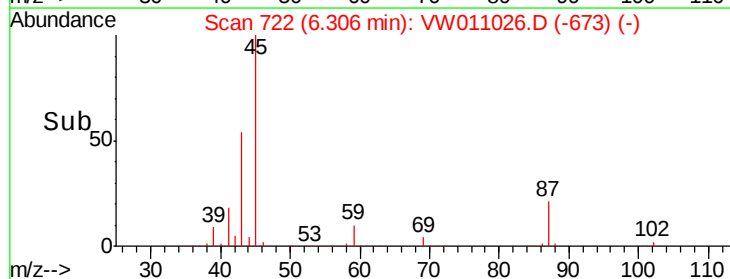
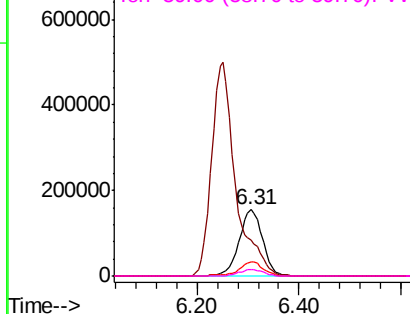
43 54.1 45.8 68.6

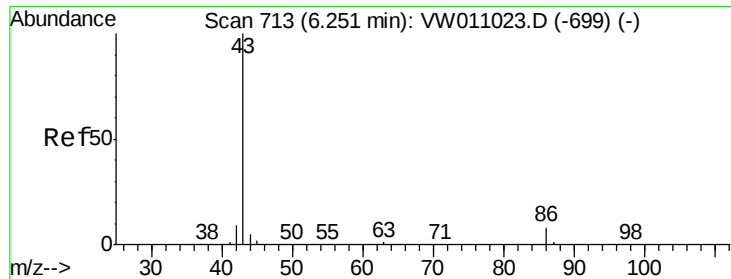
87 21.3 17.1 25.7

59 10.2 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: 269.808 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

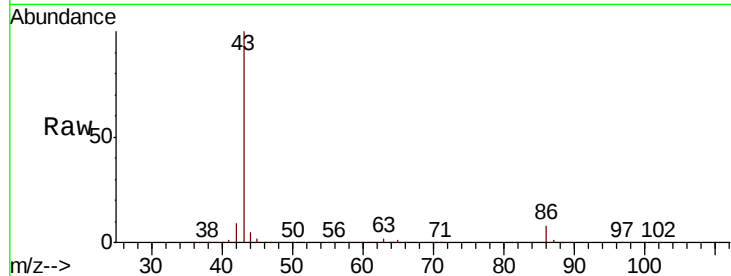
ICVW062819

Tot Ion: 43 Resp: 1631586

Ion Ratio Lower Upper

43 100

86 8.4 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

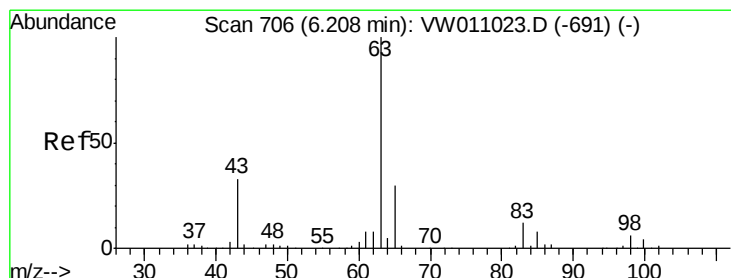
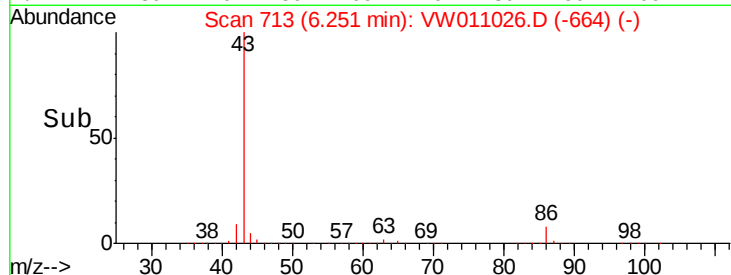
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.887 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

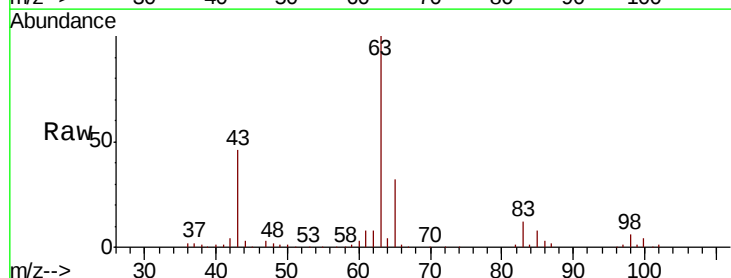
Tgt Ion: 63 Resp: 253261

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.1 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

6.21

100000

80000

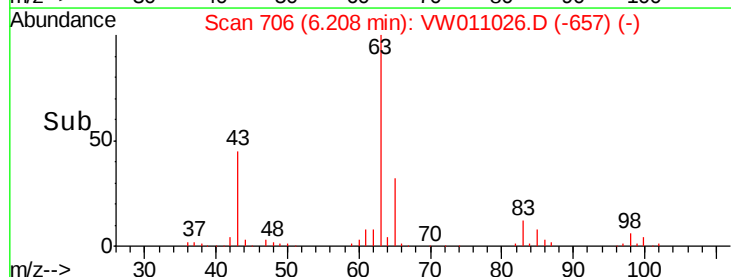
60000

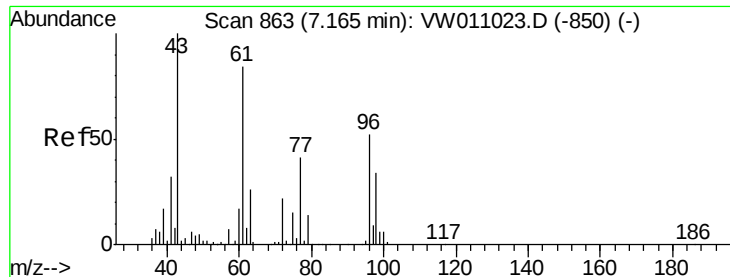
40000

20000

0

Time-->

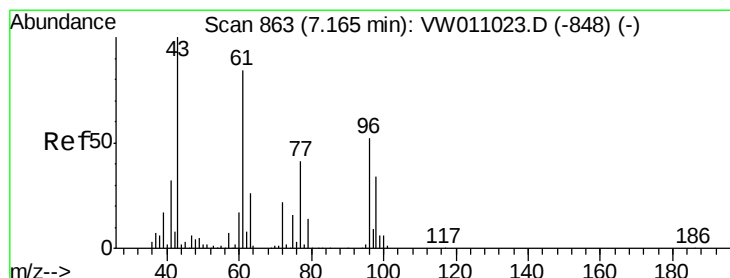
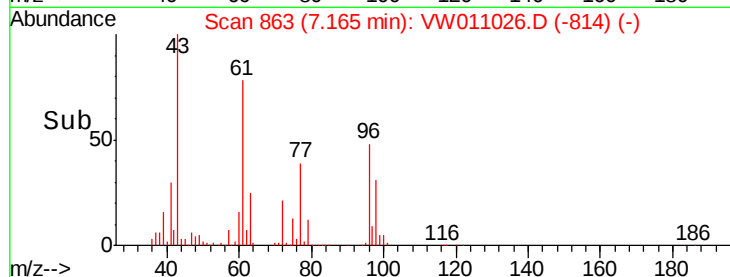
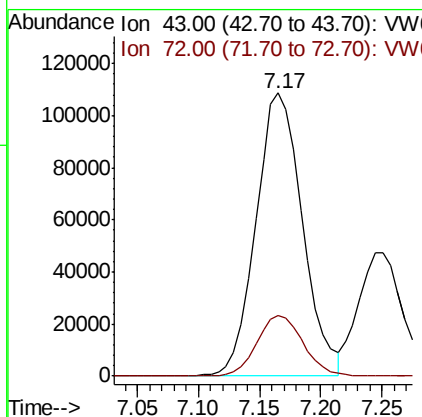
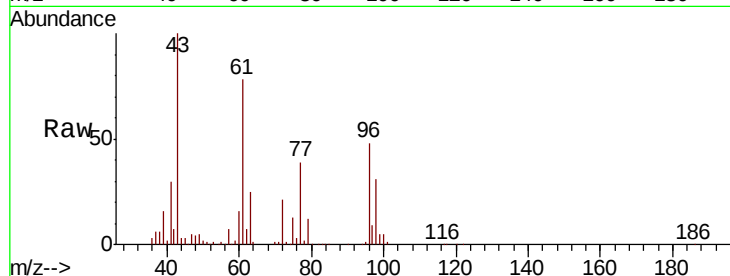




#25
 2-Butanone
 Concen: 265.072 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

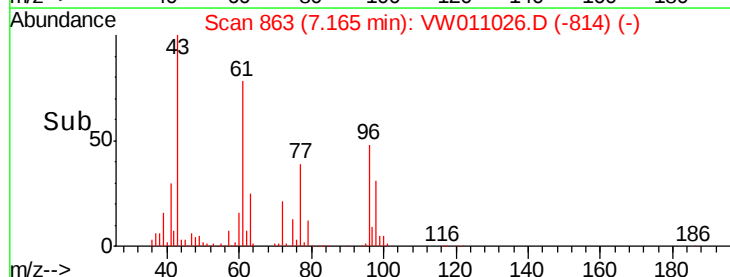
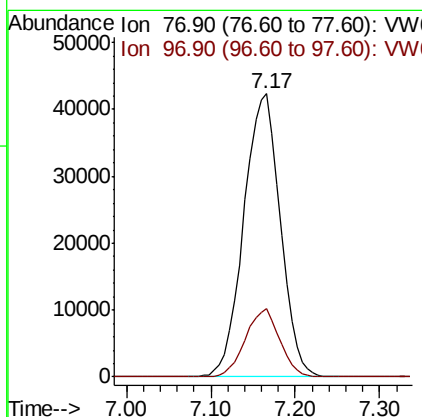
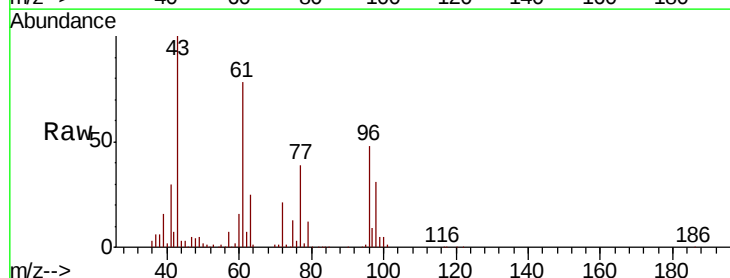
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW062819

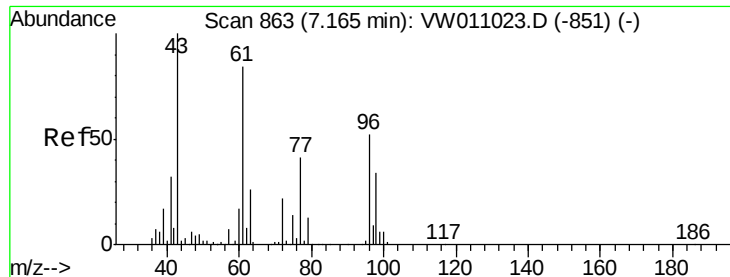
Tot Ion: 43 Resp: 287812
 Ion Ratio Lower Upper
 43 100
 72 21.3 17.2 25.8



#26
 2,2-Dichloropropane
 Concen: 46.408 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 77 Resp: 124826
 Ion Ratio Lower Upper
 77 100
 97 22.6 10.9 32.7



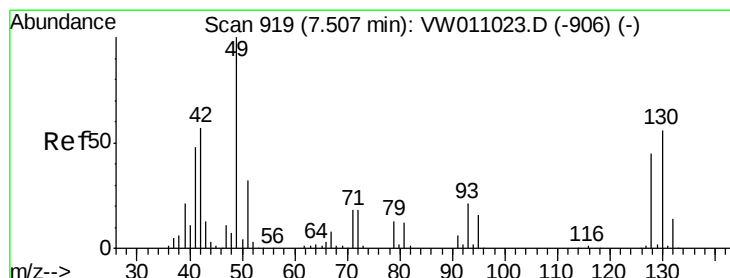
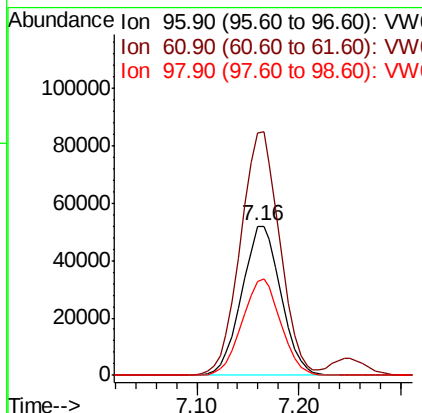
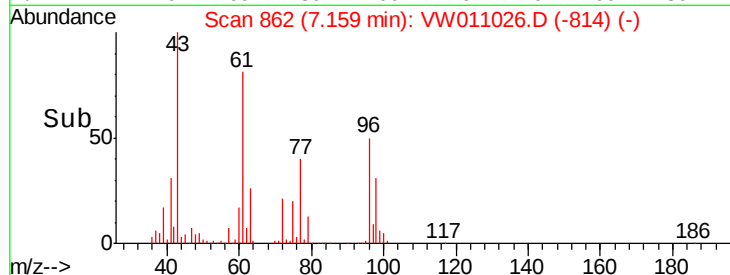
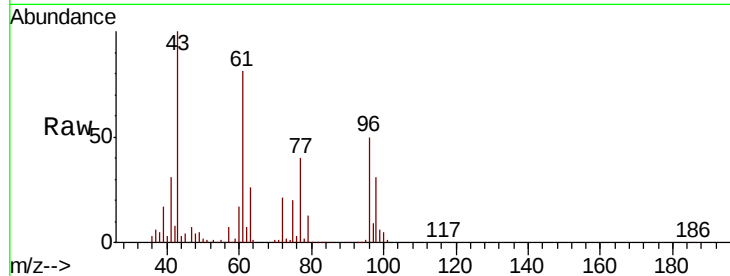


#27

cis-1,2-Dichloroethene
Concen: 49.220 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

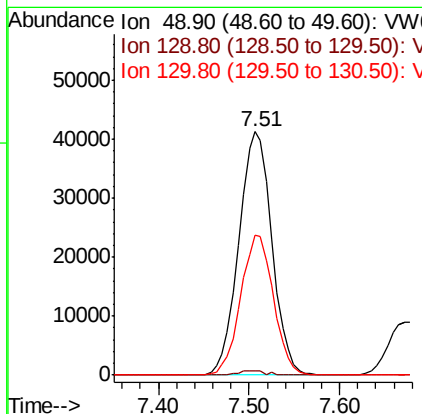
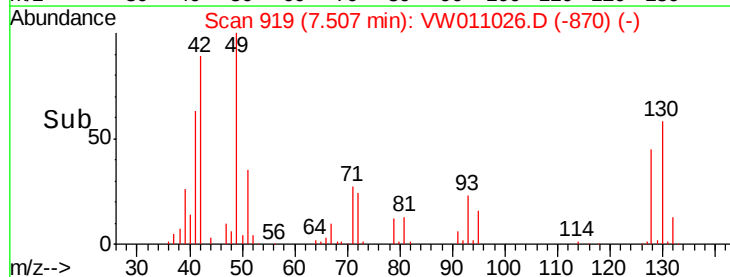
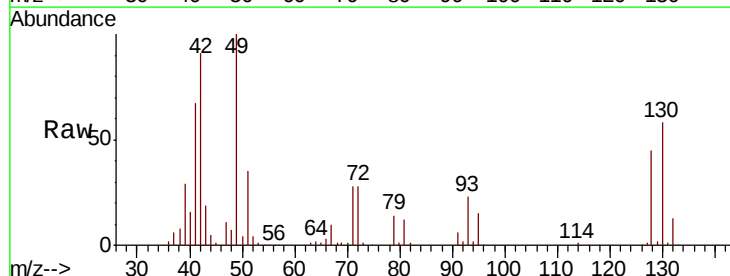
Tot Ion: 96 Resp: 138380
Ion Ratio Lower Upper
96 100
61 164.2 0.0 330.4
98 63.9 0.0 129.4

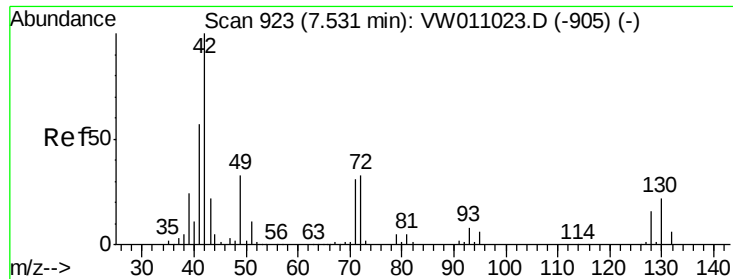


#28

Bromochloromethane
Concen: 43.103 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 49 Resp: 103949
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.4
130 57.2 46.1 69.1





#29

Tetrahydrofuran

Concen: 263.625 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

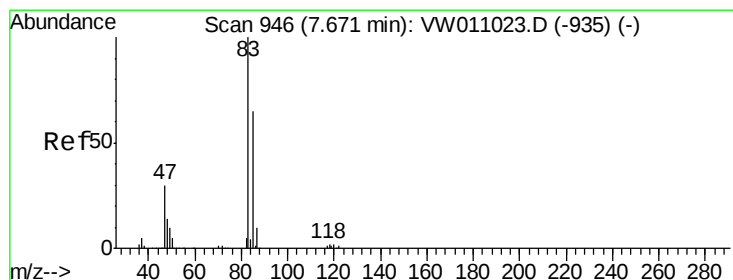
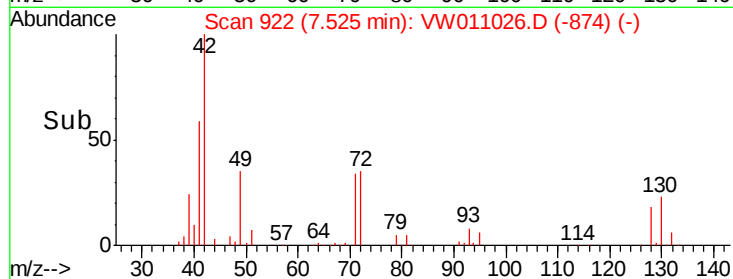
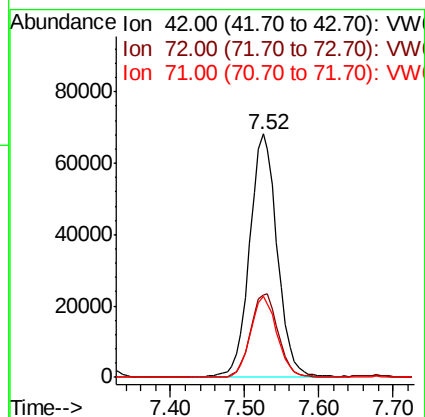
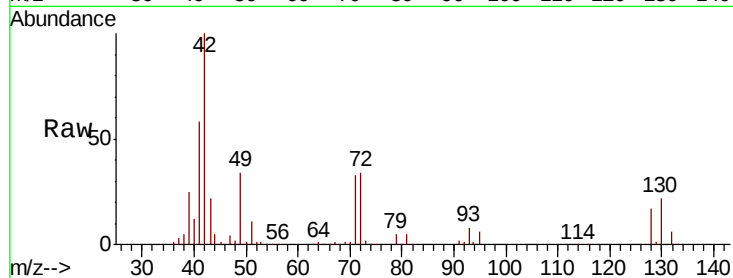
Tot Ion: 42 Resp: 178187

Ion Ratio Lower Upper

42 100

72 34.4 27.4 41.0

71 32.1 25.6 38.4



#30

Chloroform

Concen: 48.911 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW011026.D

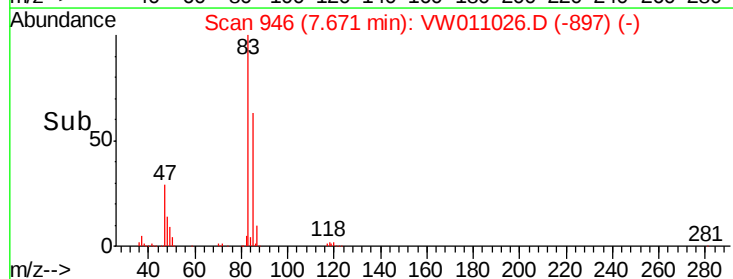
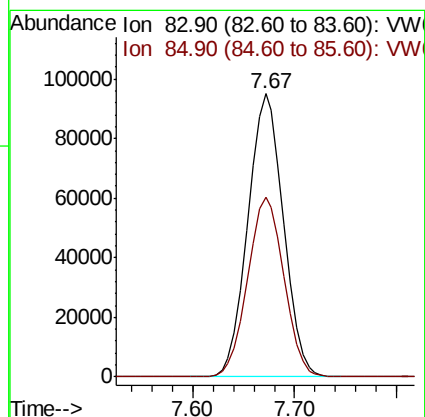
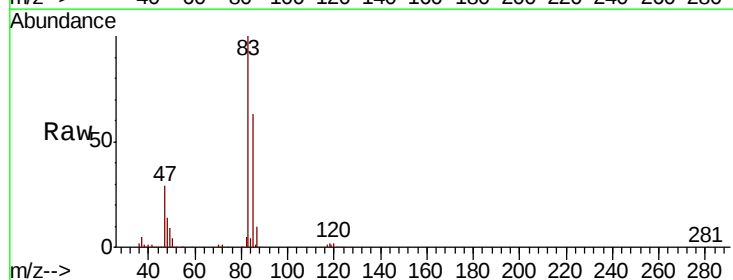
Acq: 27 Jun 2019 18:37

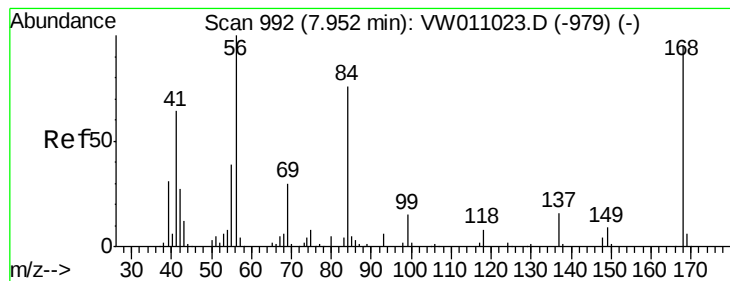
Tgt Ion: 83 Resp: 230197

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4





#31

Cyclohexane

Concen: 47.018 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

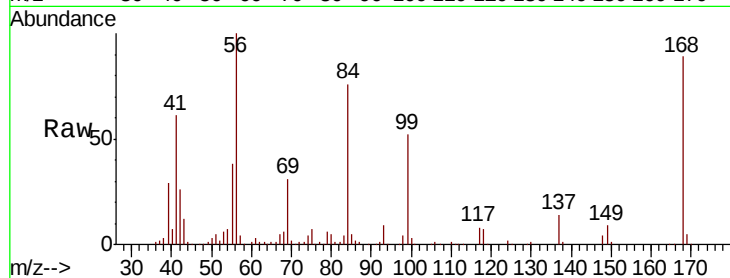
Tot Ion: 56 Resp: 263191

Ion Ratio Lower Upper

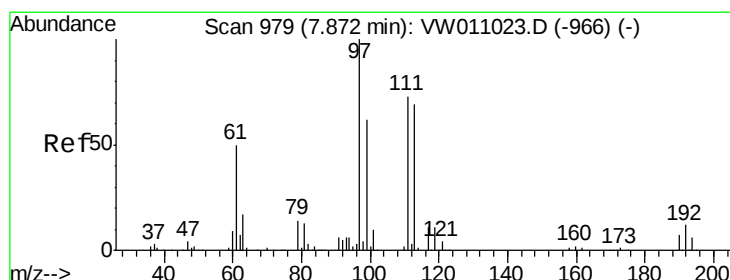
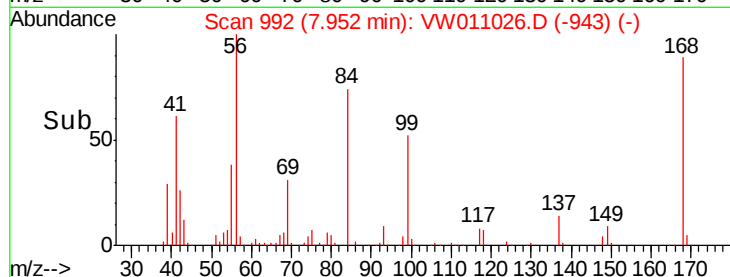
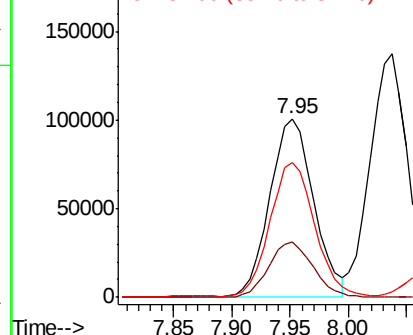
56 100

69 30.9 24.2 36.2

84 74.5 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 49.537 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

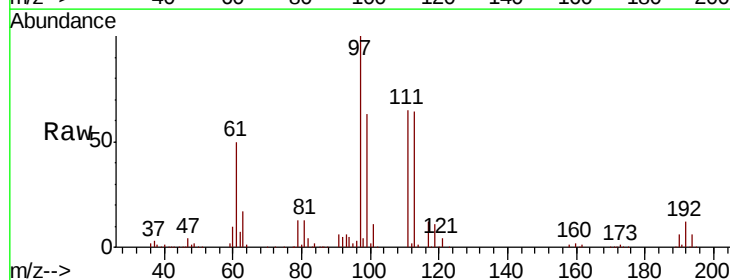
Tgt Ion: 97 Resp: 174218

Ion Ratio Lower Upper

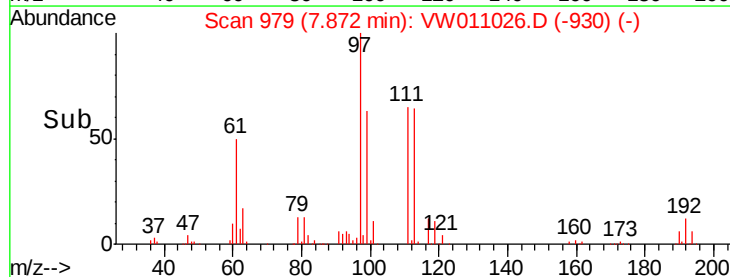
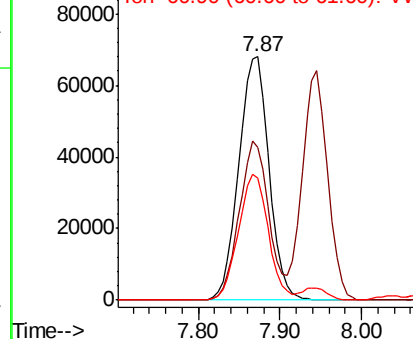
97 100

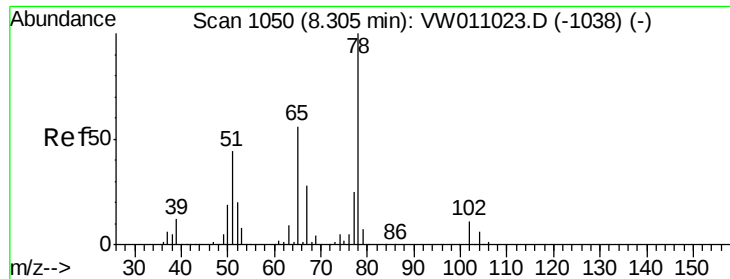
99 64.5 51.1 76.7

61 50.9 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

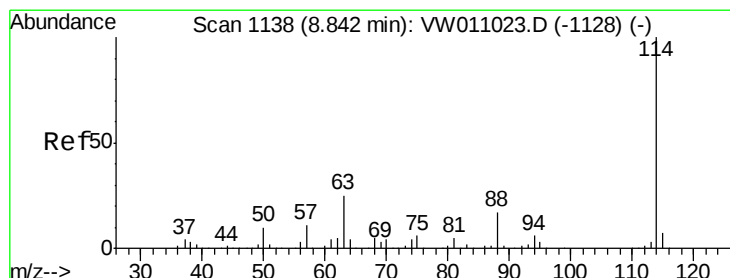
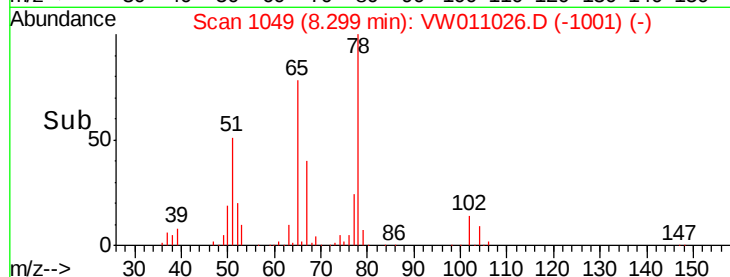
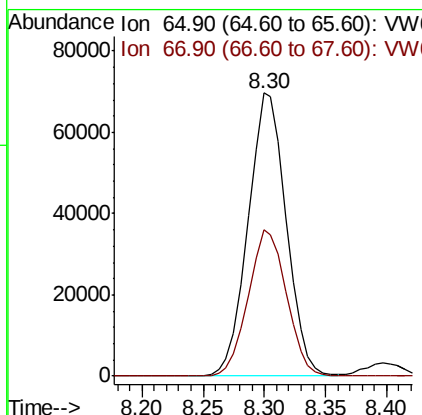
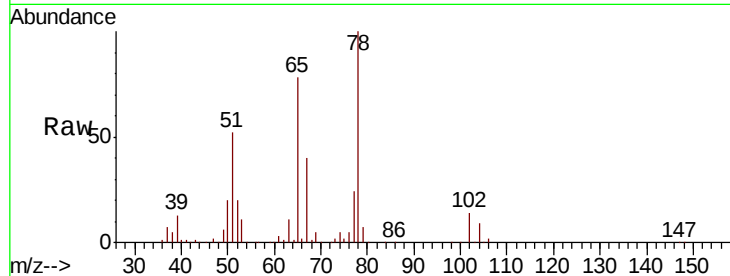




#33
 1,2-Dichloroethane-d4
 Concen: 51.688 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

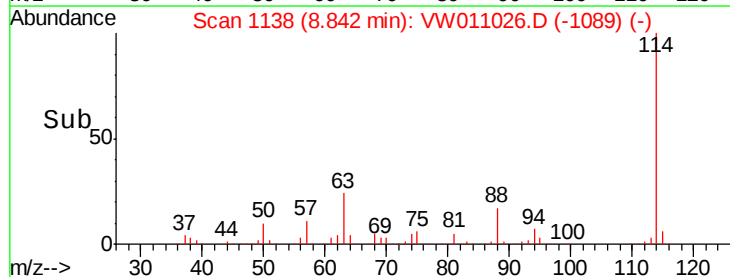
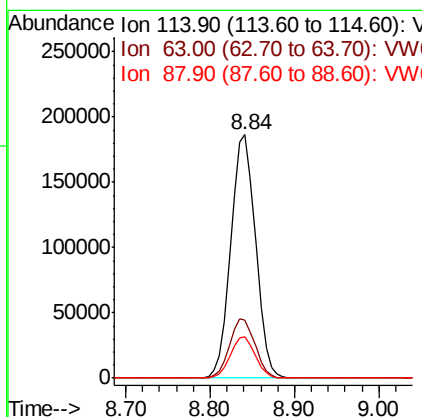
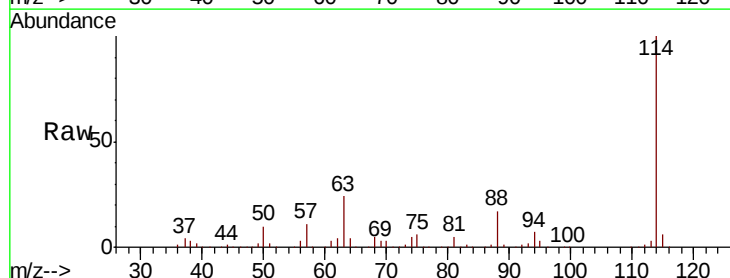
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

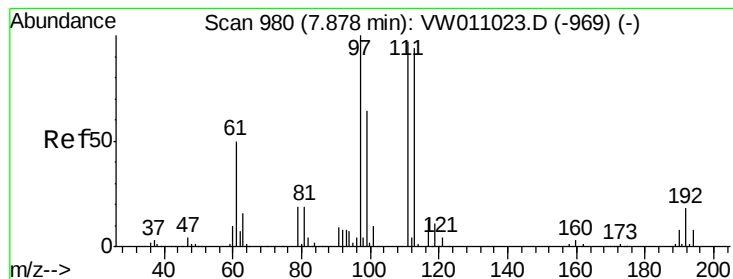
Tot Ion: 65 Resp: 151260
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 114 Resp: 370712
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.6
 88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.426 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

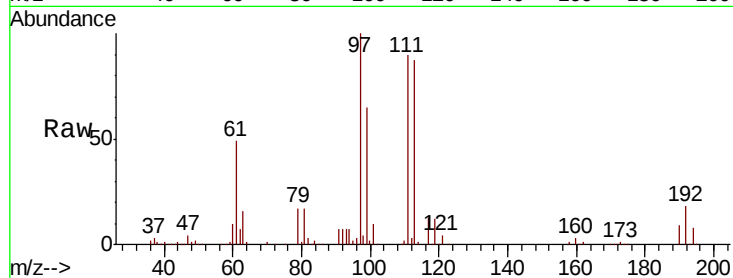
Tot Ion:113 Resp: 116415

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

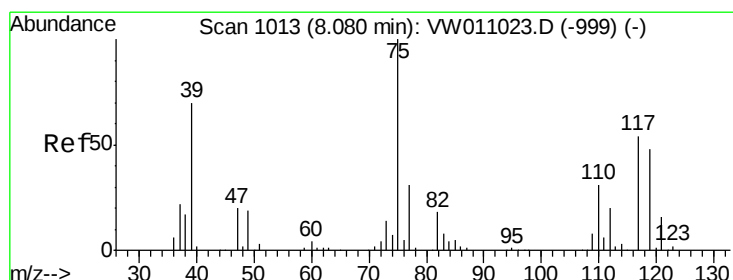
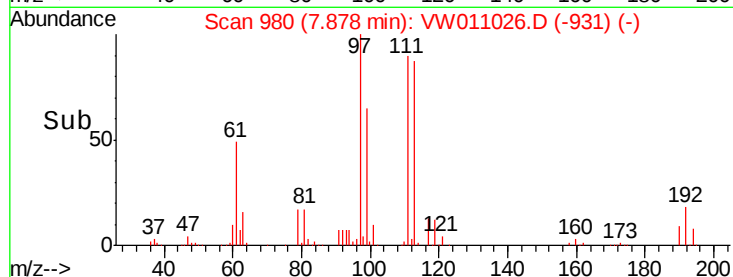
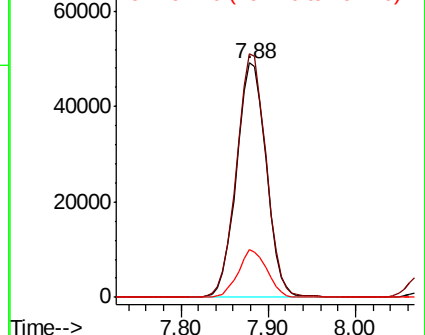
192 19.7 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.298 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

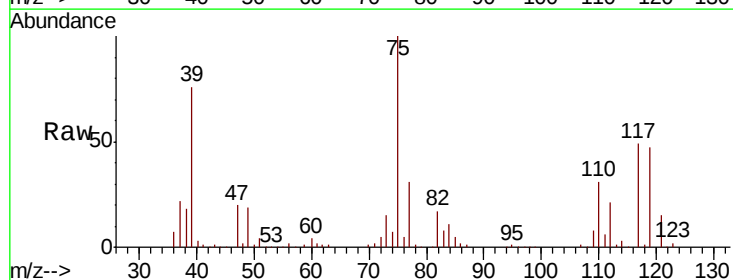
Tgt Ion: 75 Resp: 192444

Ion Ratio Lower Upper

75 100

110 31.4 15.5 46.5

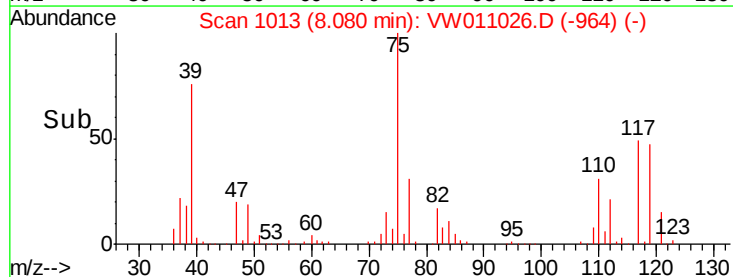
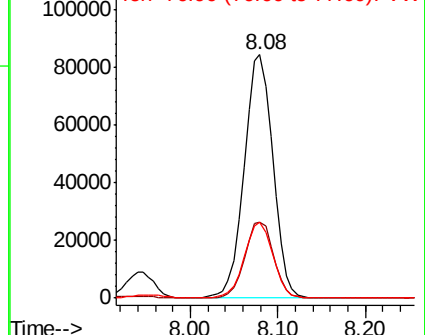
77 31.0 24.9 37.3

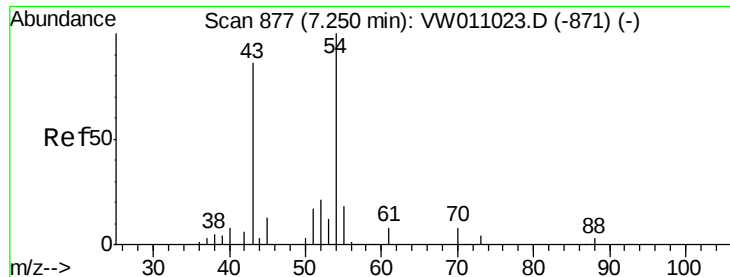


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

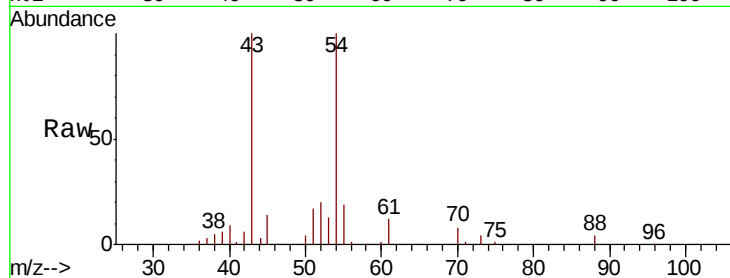




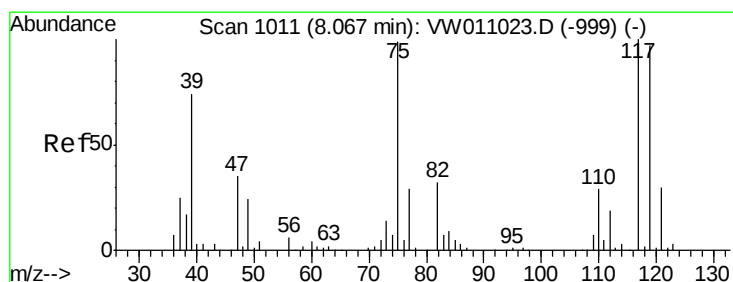
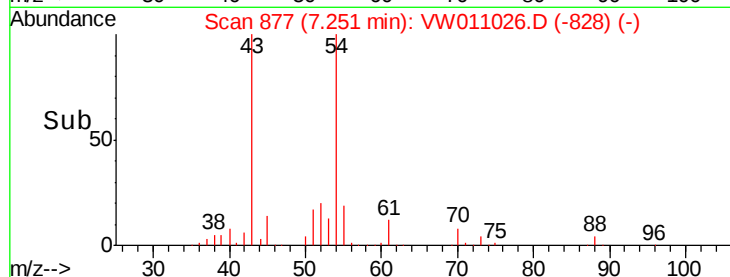
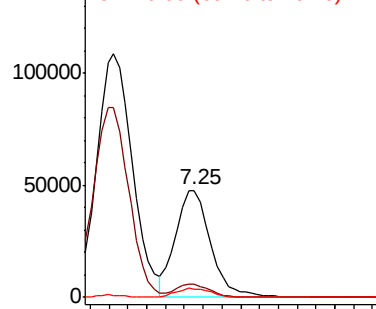
#37
Ethyl Acetate
Concen: 52.533 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion: 43 Resp: 121768
Ion Ratio Lower Upper
43 100
61 11.9 9.0 13.4
70 8.6 7.2 10.8

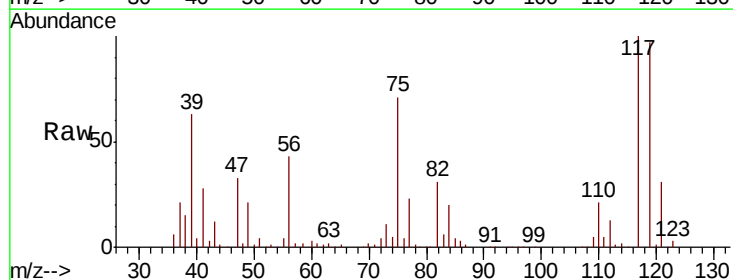


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

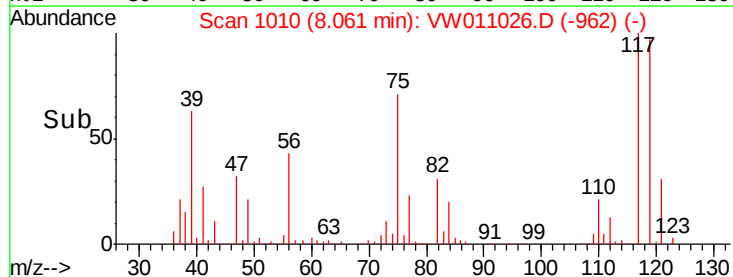
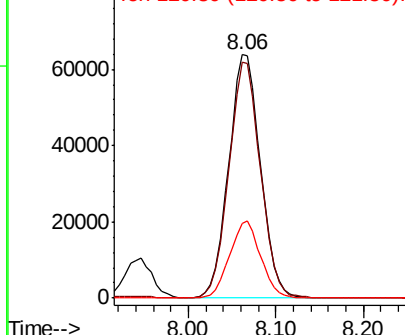


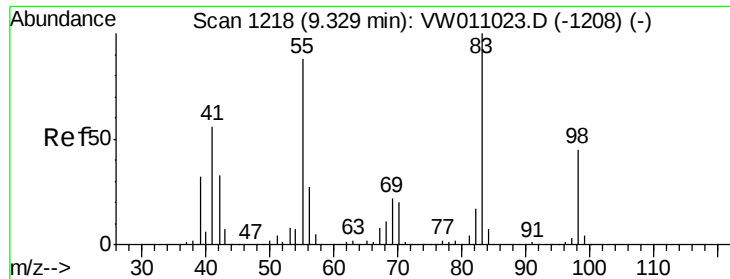
#38
Carbon Tetrachloride
Concen: 49.139 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 117 Resp: 161242
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5
121 30.8 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

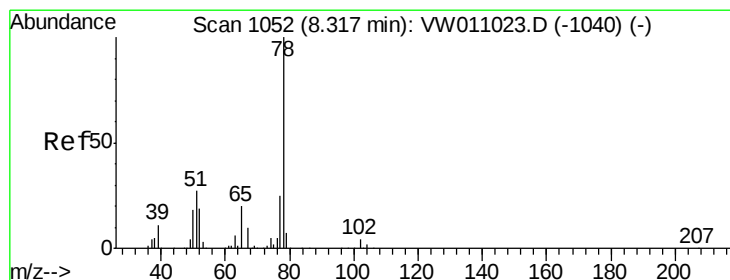
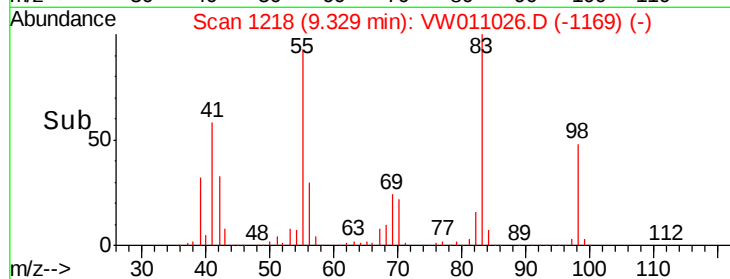
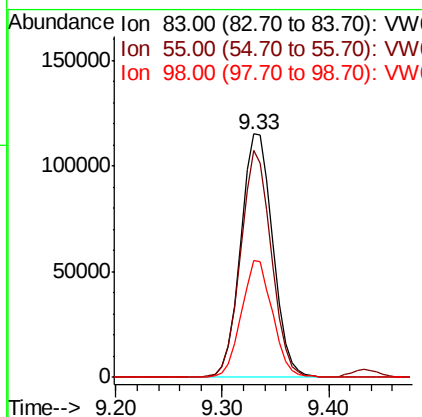
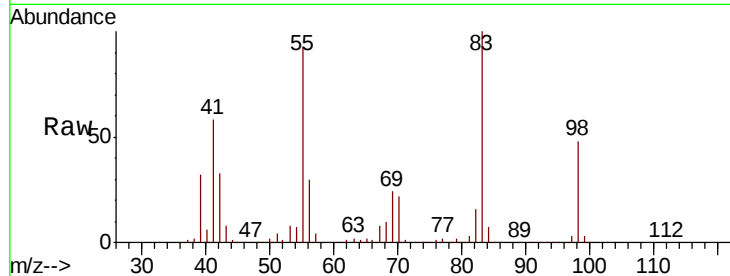




#39
Methvlcvclohexane
Concen: 49.983 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

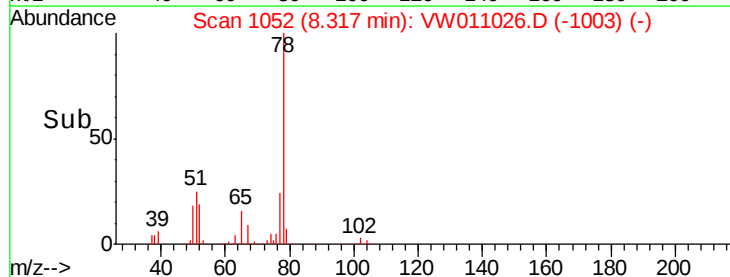
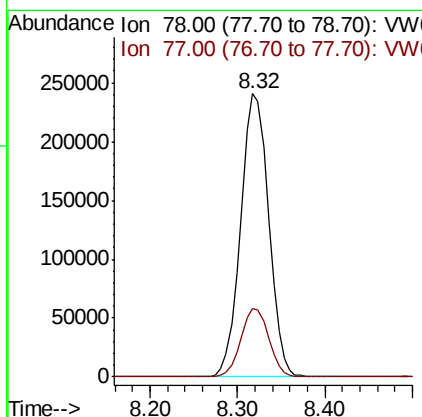
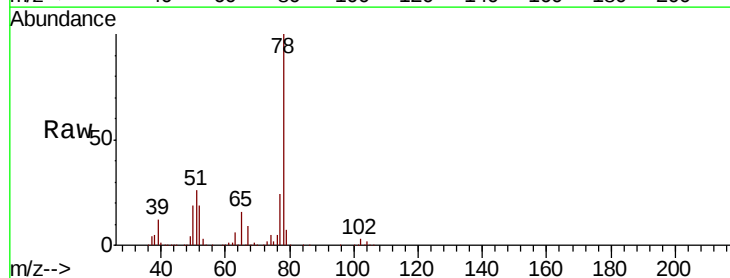
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

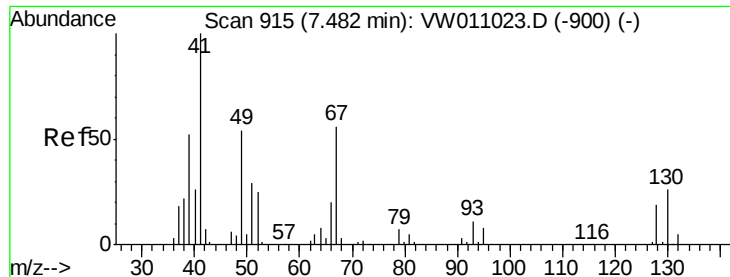
Tot Ion: 83 Resp: 245094
Ion Ratio Lower Upper
83 100
55 93.1 70.7 106.1
98 48.0 36.4 54.6



#40
Benzene
Concen: 48.920 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 78 Resp: 536113
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5

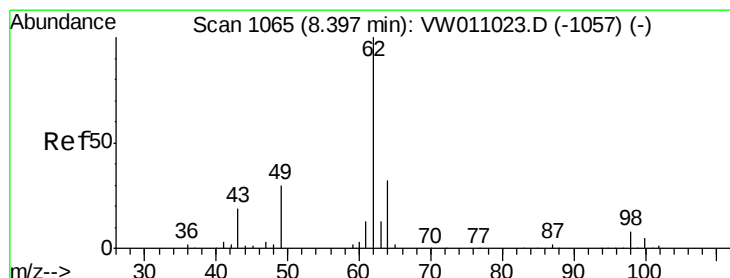
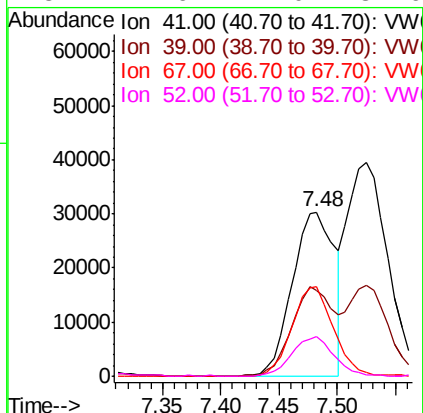
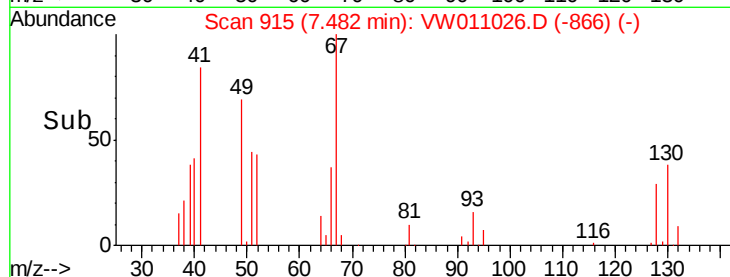
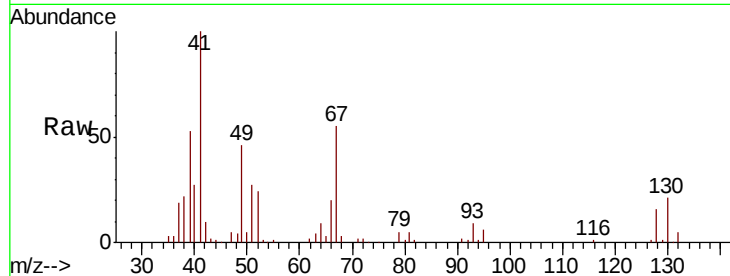




#41
Methacrylonitrile
Concen: 54.107 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

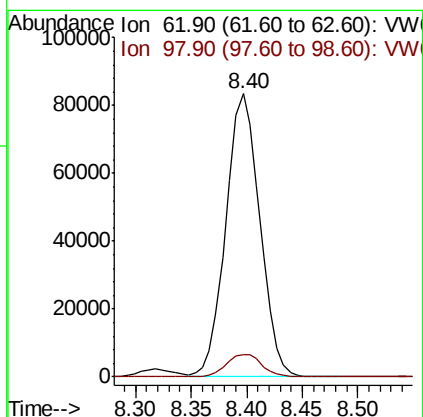
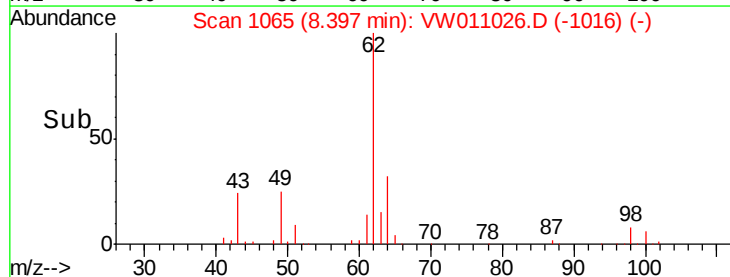
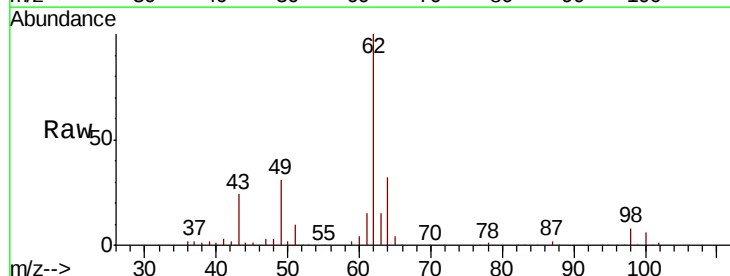
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

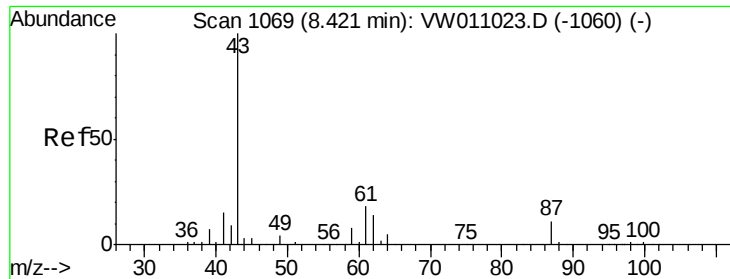
Tot Ion: 41 Resp: 76304
Ion Ratio Lower Upper
41 100
39 53.2 42.1 63.1
67 54.3 44.2 66.2
52 24.6 21.0 31.6



#42
1,2-Dichloroethane
Concen: 49.126 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 62 Resp: 176524
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.8





#43

Isopropyl Acetate

Concen: 52.972 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

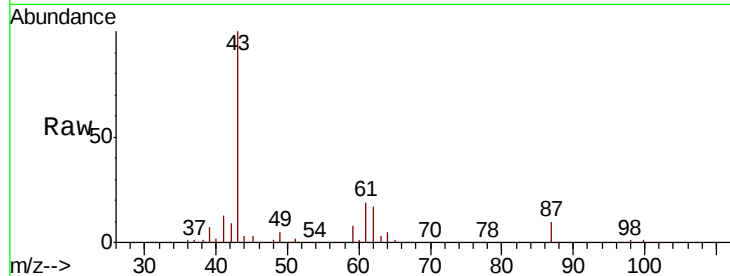
Tot Ion: 43 Resp: 232279

Ion Ratio Lower Upper

43 100

61 25.6 21.0 31.6

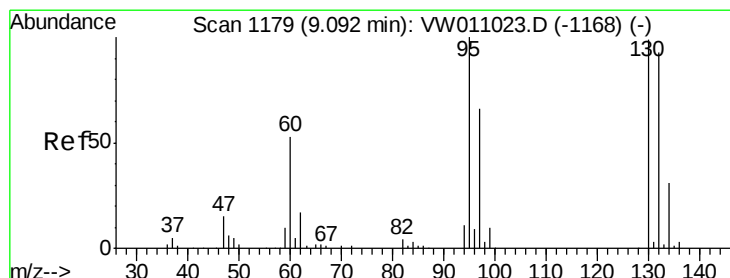
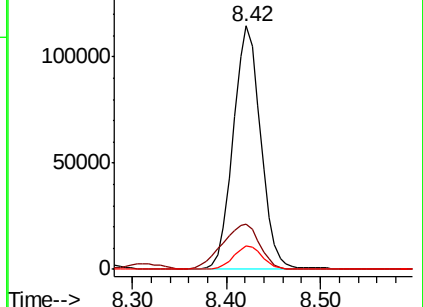
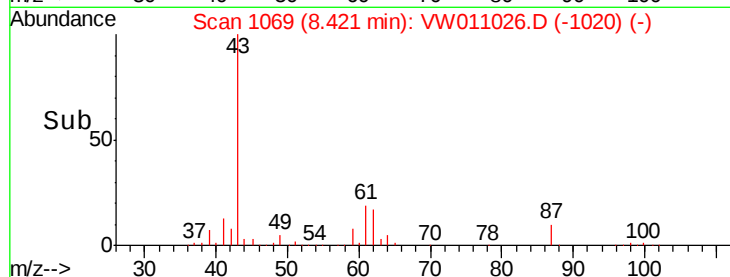
87 10.0 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.354 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011026.D

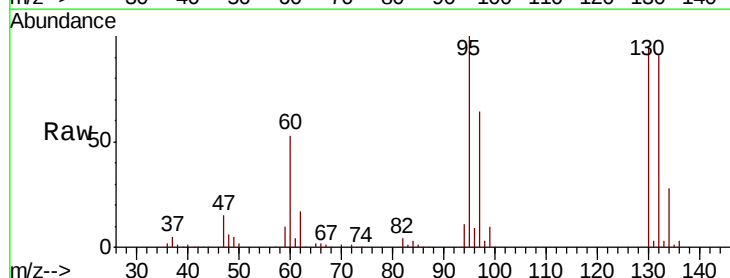
Acq: 27 Jun 2019 18:37

Tgt Ion:130 Resp: 128069

Ion Ratio Lower Upper

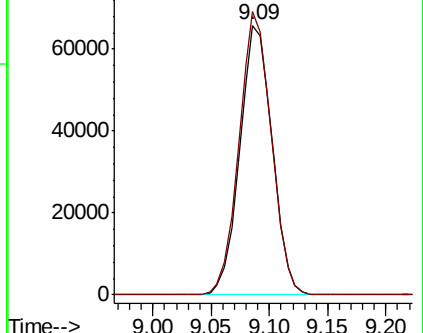
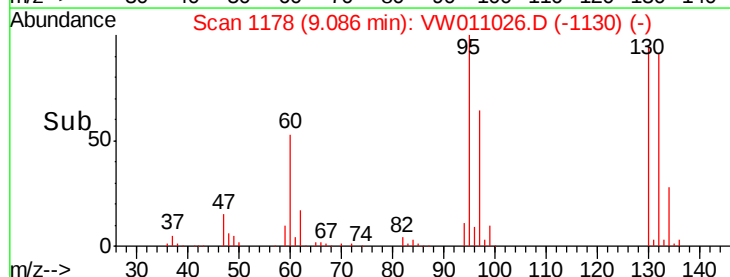
130 100

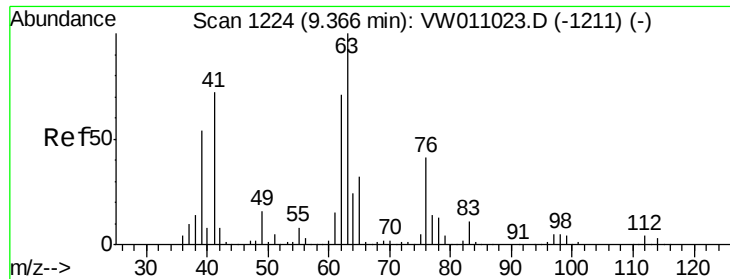
95 105.0 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.465 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

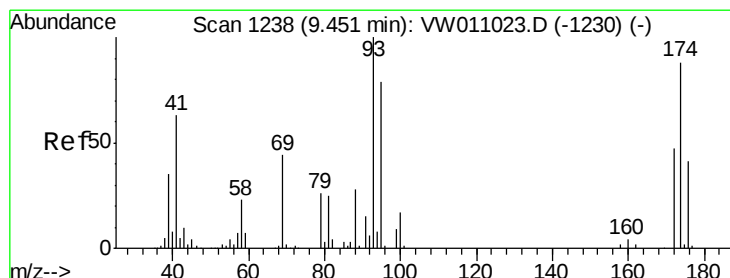
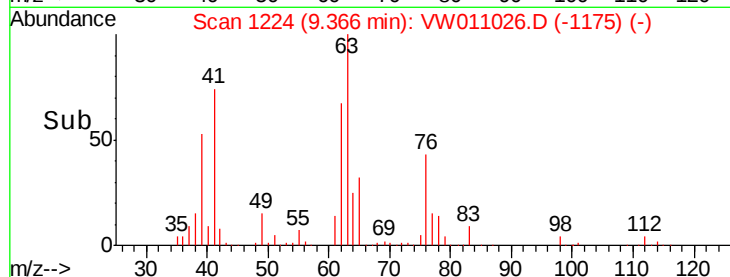
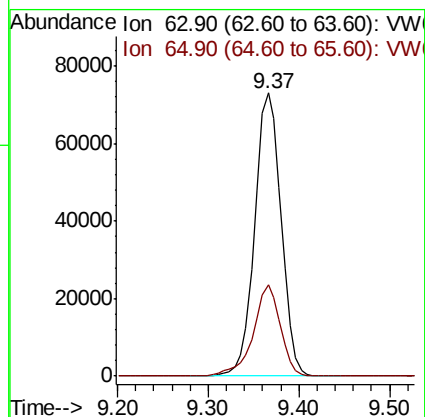
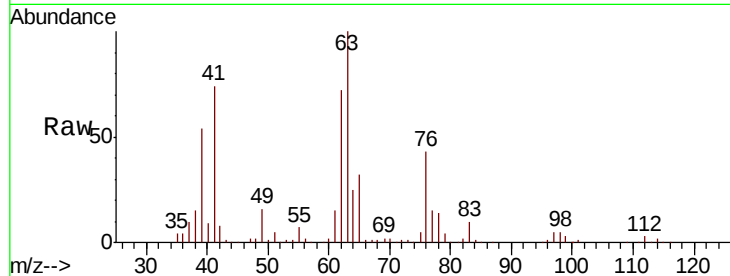
ICVW062819

Tot Ion: 63 Resp: 147210

Ion Ratio Lower Upper

63 100

65 32.3 25.6 38.4



#46

Dibromomethane

Concen: 49.246 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

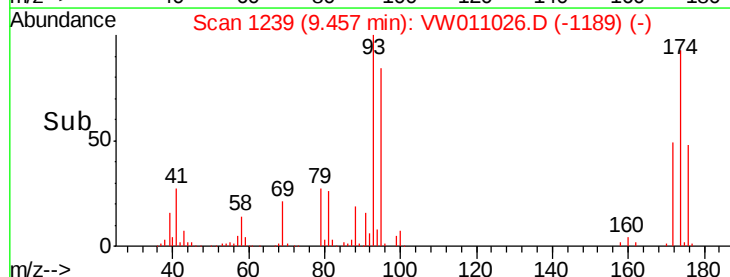
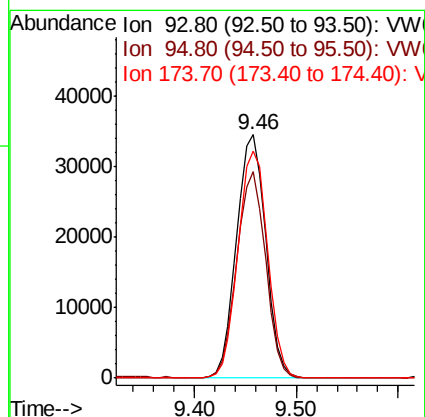
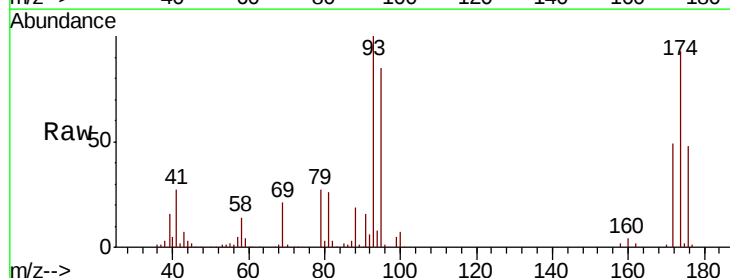
Tgt Ion: 93 Resp: 68543

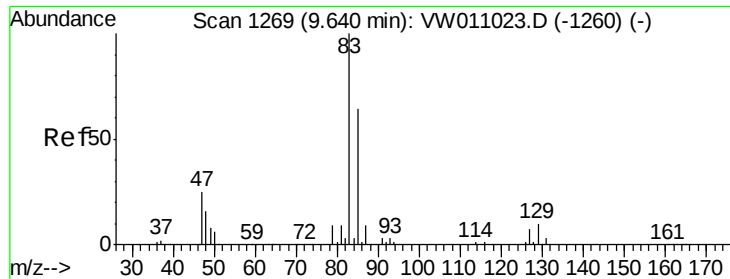
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 94.7 75.4 113.0





#47

Bromodichloromethane

Concen: 50.856 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

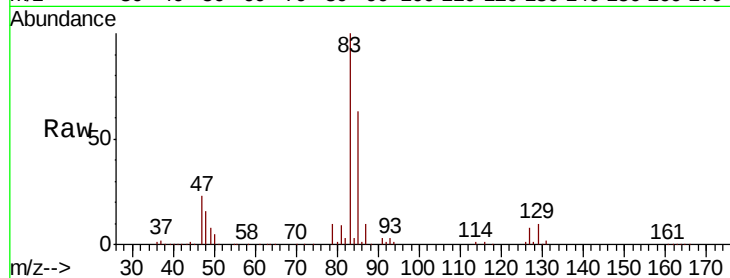
Tot Ion: 83 Resp: 175251

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.4

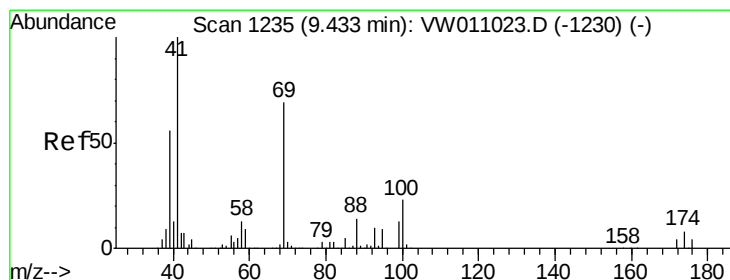
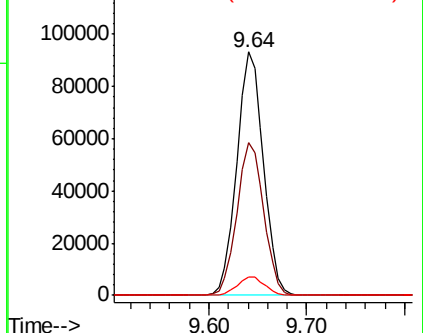
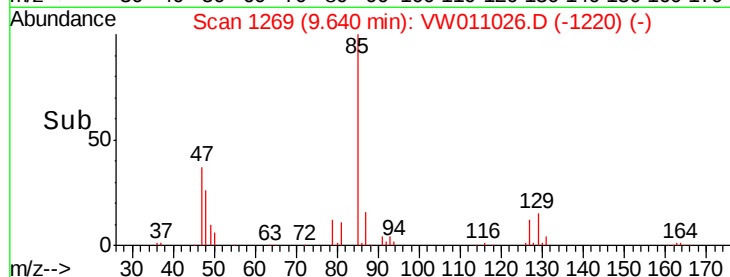
127 7.5 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.717 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

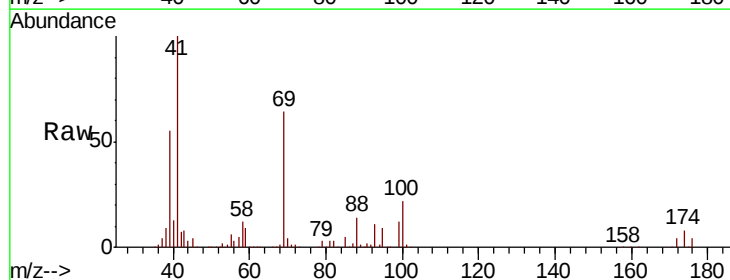
Tgt Ion: 41 Resp: 112083

Ion Ratio Lower Upper

41 100

69 71.0 56.7 85.1

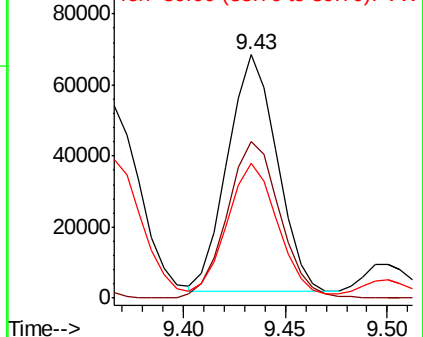
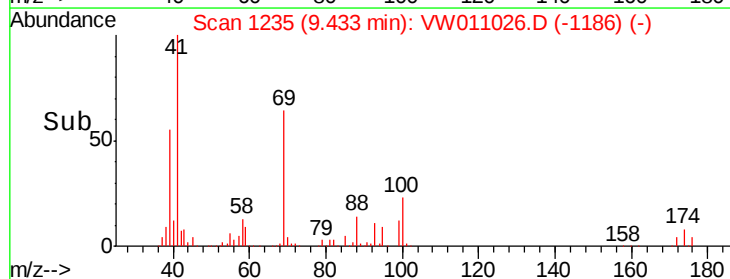
39 54.8 45.0 67.6

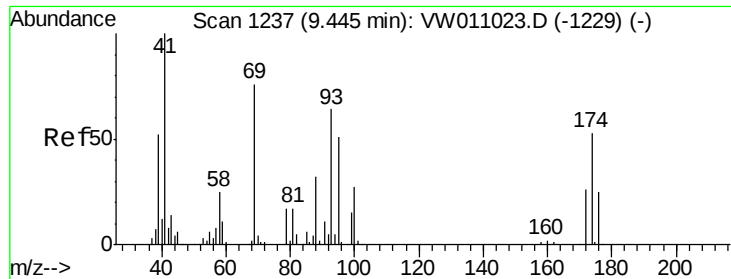


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

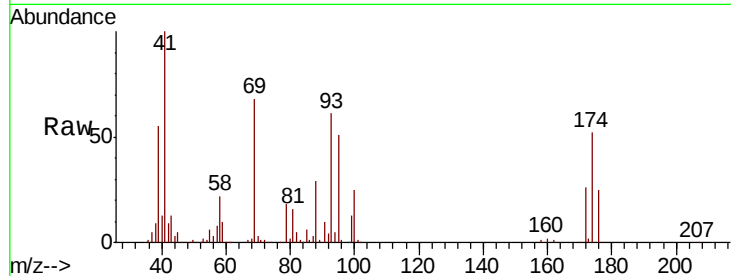




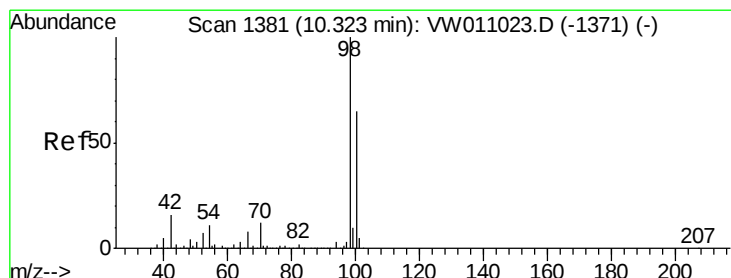
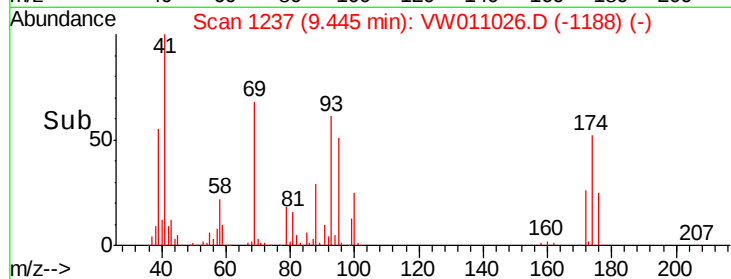
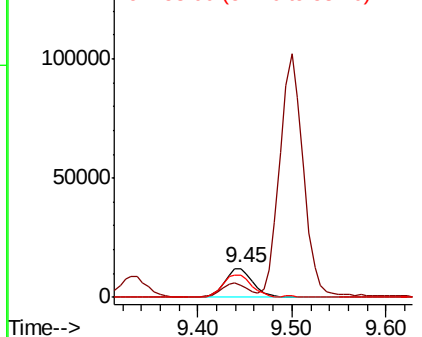
#49
1,4-Dioxane
Concen: 1072.980 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampled :
ICVW062819

Tot Ion: 88 Resp: 25110
Ion Ratio Lower Upper
88 100
43 44.6 34.4 51.6
58 80.3 65.2 97.8

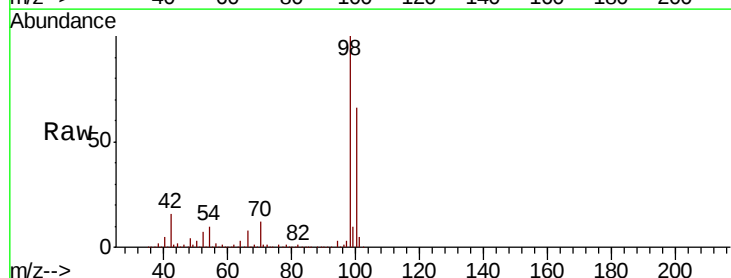


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

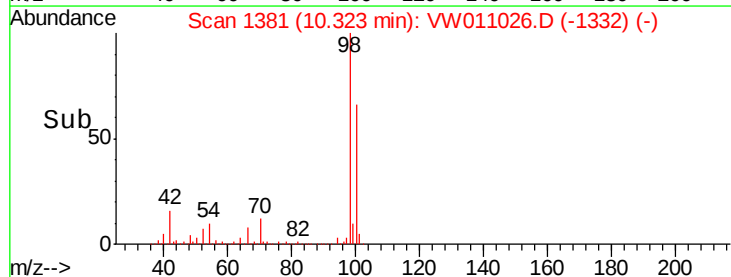
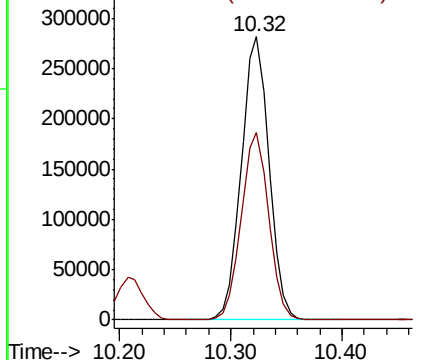


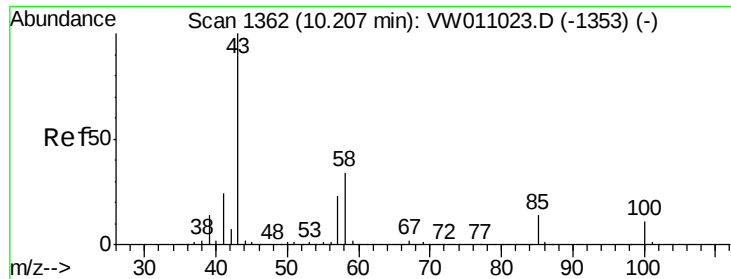
#50
Toluene-d8
Concen: 52.192 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 98 Resp: 486332
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 264.630 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

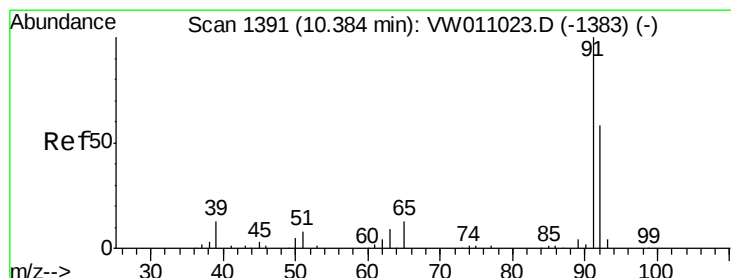
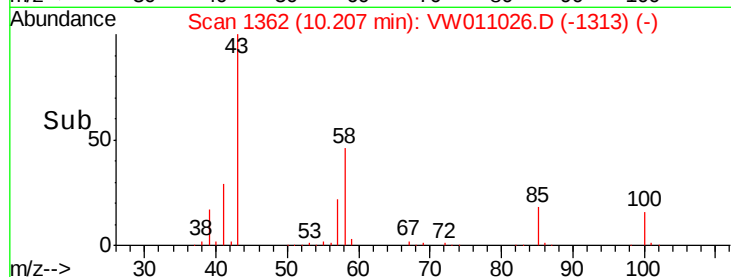
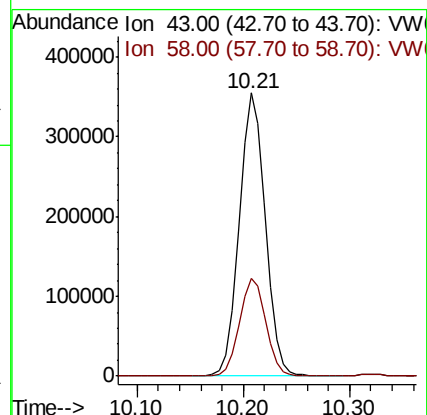
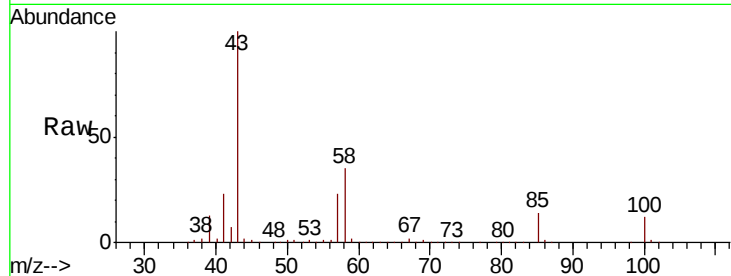
ICVW062819

Tot Ion: 43 Resp: 610820

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.6



#52

Toluene

Concen: 49.373 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011026.D

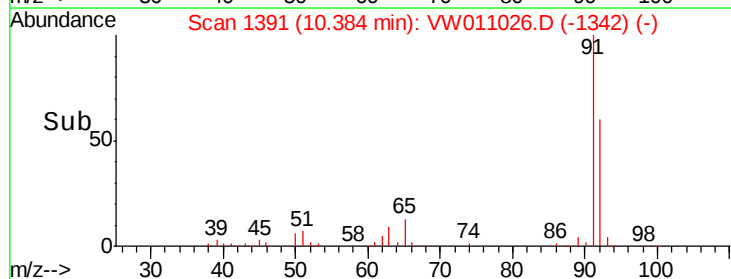
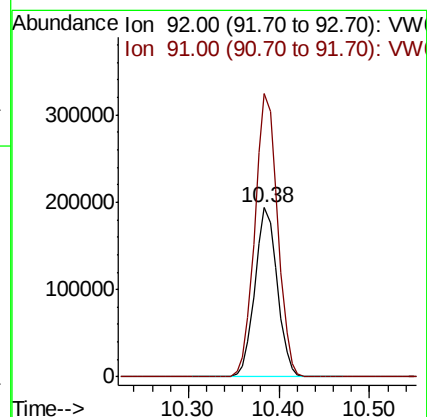
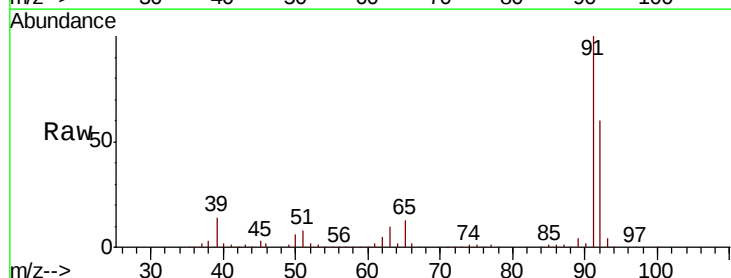
Acq: 27 Jun 2019 18:37

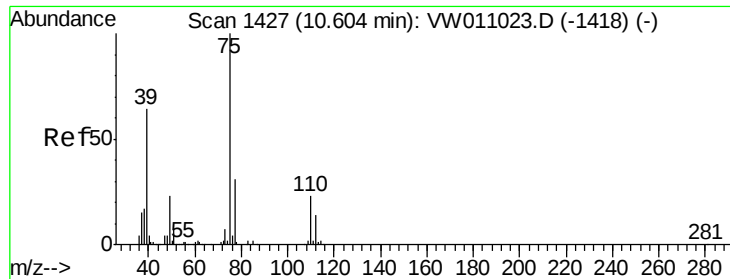
Tgt Ion: 92 Resp: 331270

Ion Ratio Lower Upper

92 100

91 170.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.909 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

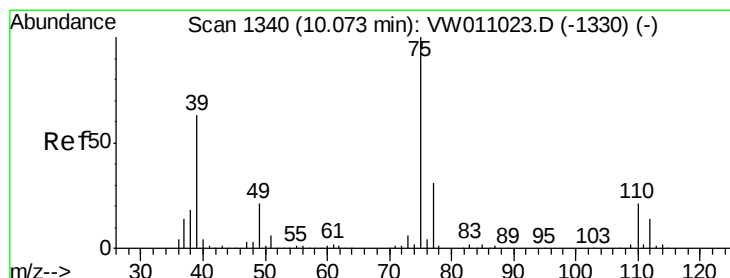
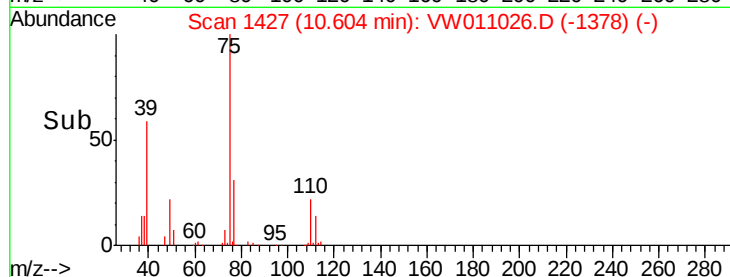
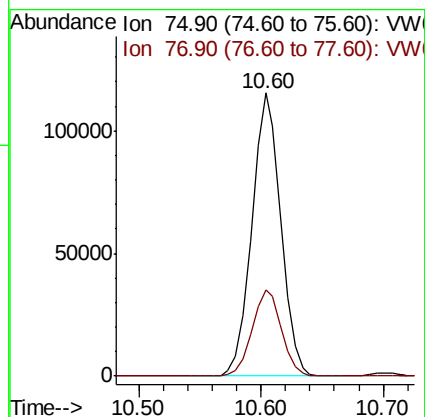
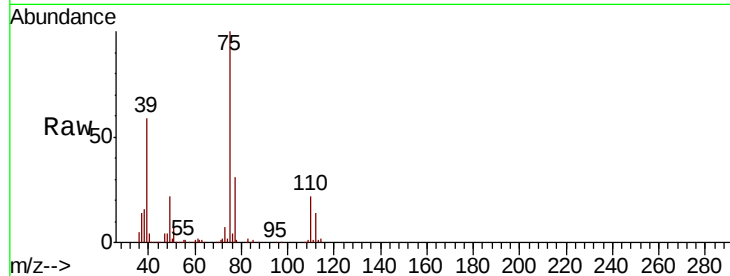
ICVW062819

Tot Ion: 75 Resp: 189909

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 51.749 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

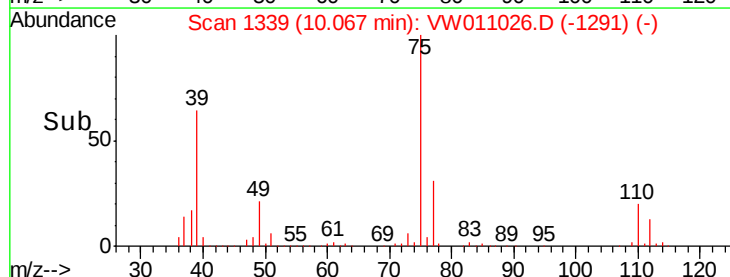
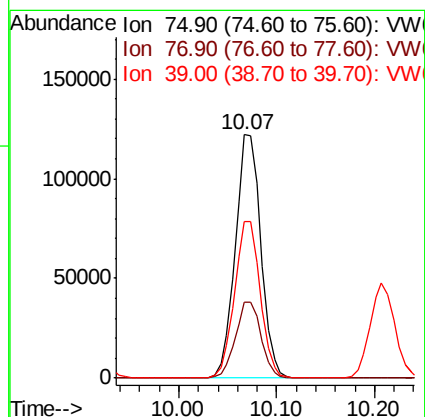
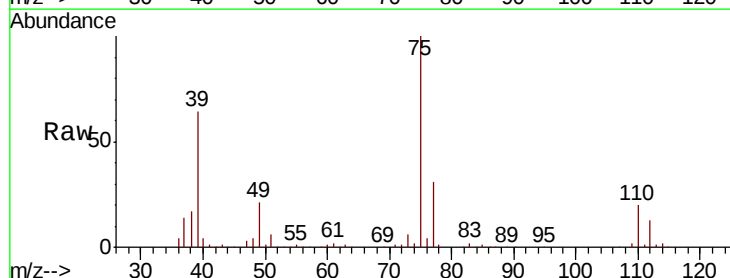
Tgt Ion: 75 Resp: 221572

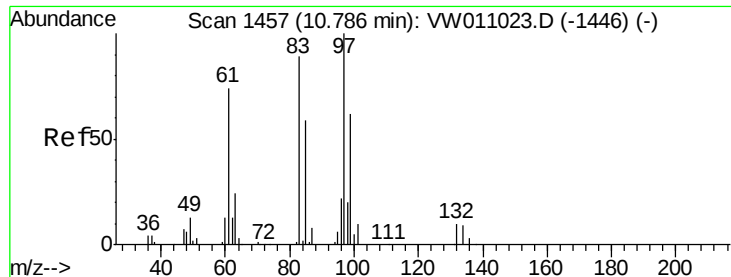
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 64.2 50.0 75.0





#55

1,1,2-Trichloroethane

Concen: 50.356 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

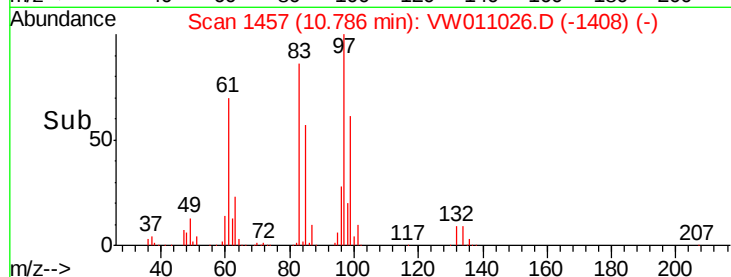
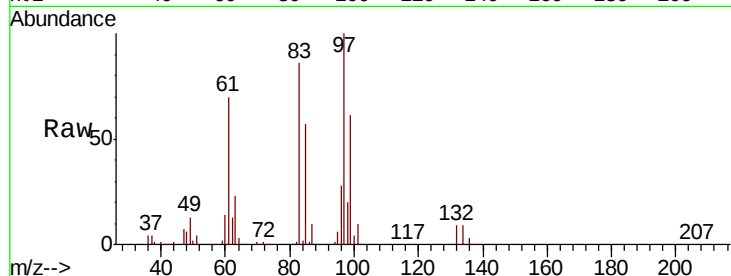
MSVOA_W

ClientSampleId :

ICVW062819

Tot Ion: 97 Resp: 99020

Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.9	106.3
85	56.7	47.2	70.8
99	60.7	50.0	75.0



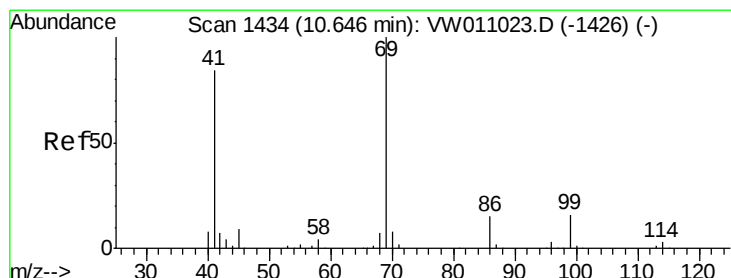
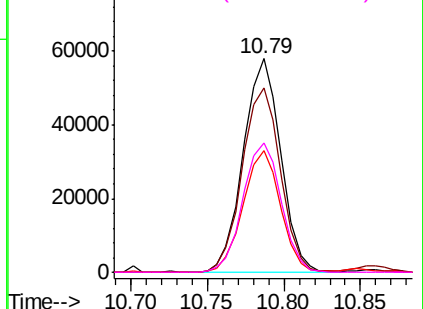
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.431 ug/l

RT: 10.65 min Scan# 1434

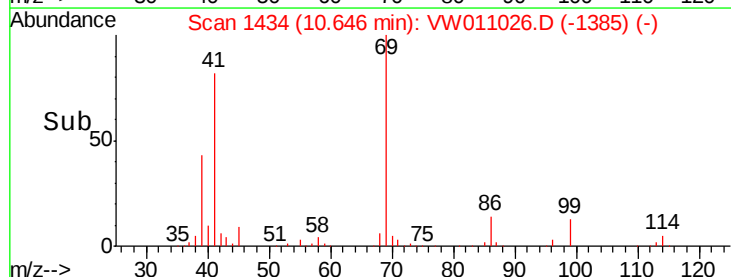
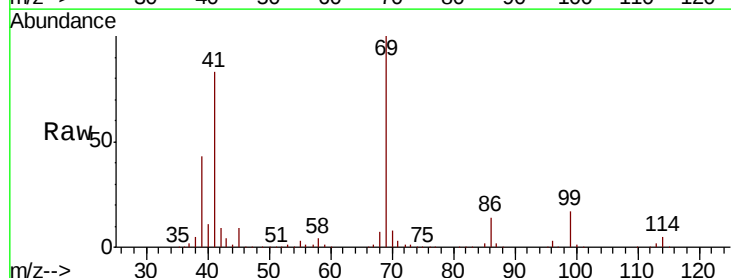
Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion: 69 Resp: 157335

Ion	Ratio	Lower	Upper
69	100		
41	83.6	67.9	101.9
39	39.8	33.2	49.8

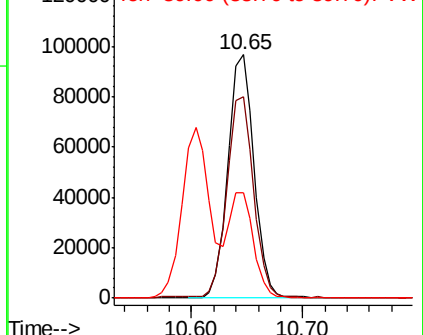


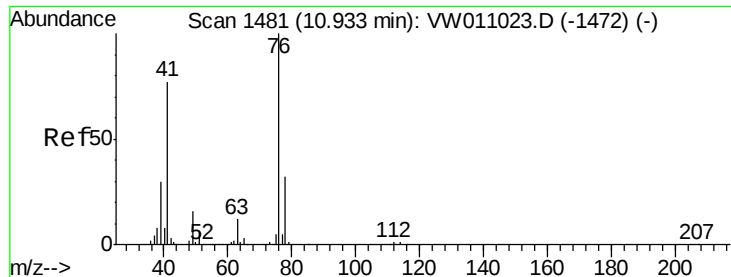
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

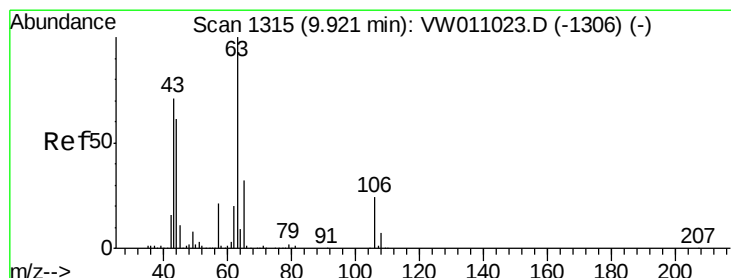
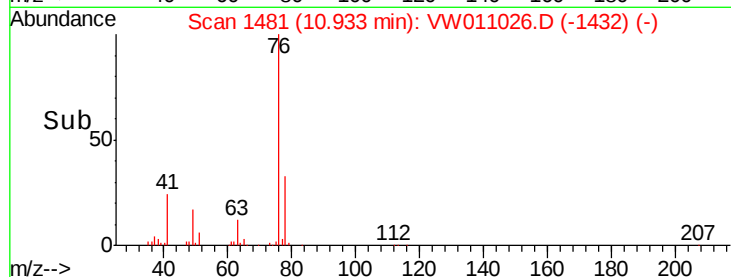
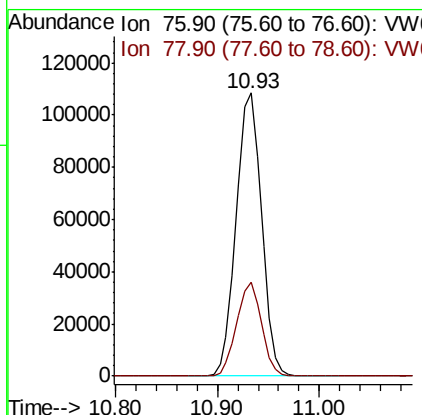
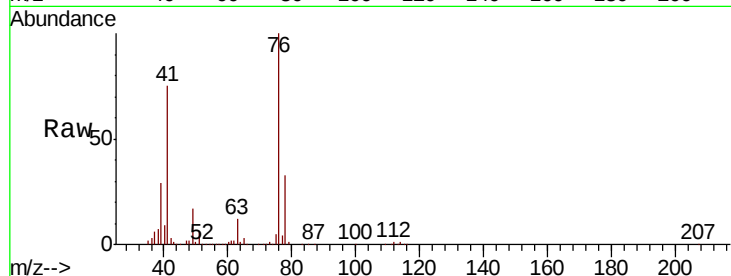




#57
 1,3-Dichloropropane
 Concen: 49.946 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

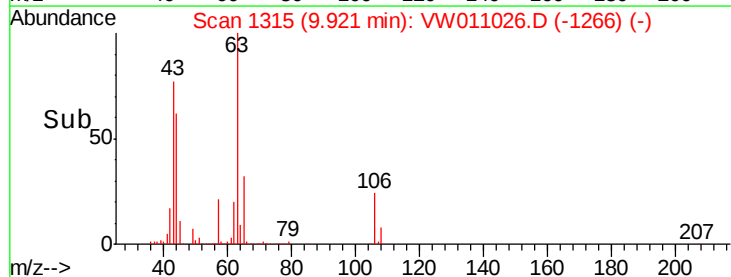
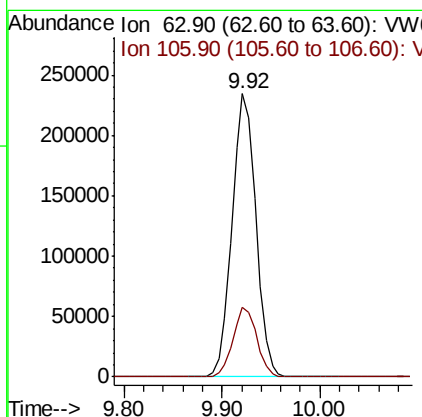
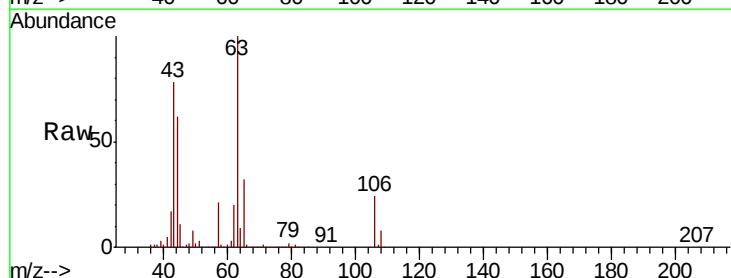
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

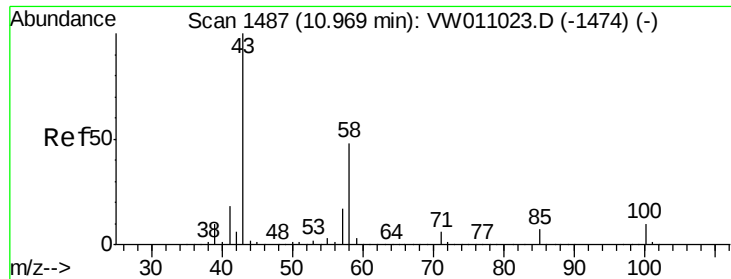
Tot Ion: 76 Resp: 186822
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.620 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 63 Resp: 395741
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

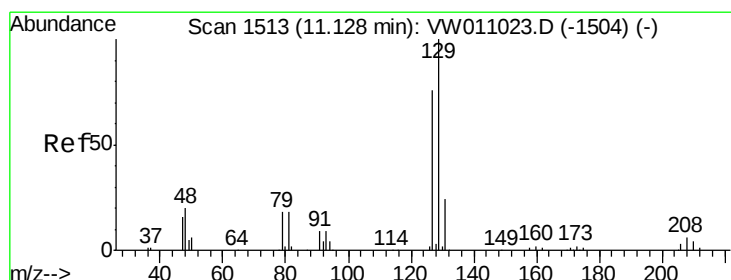
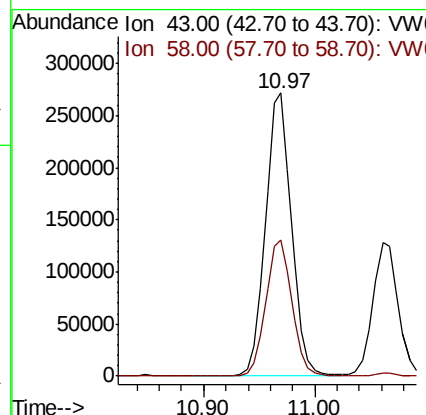
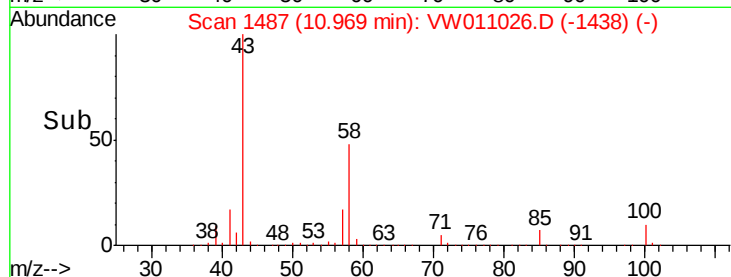
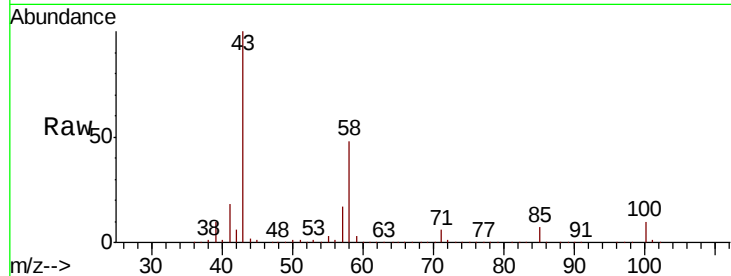




#59
2-Hexanone
Concen: 274.664 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

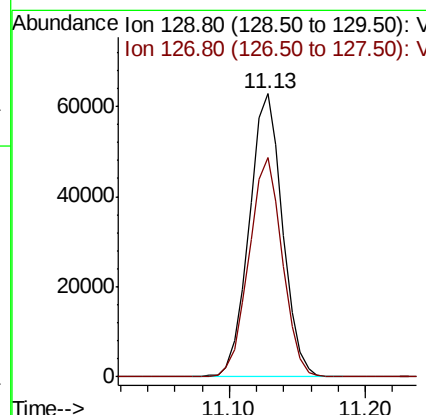
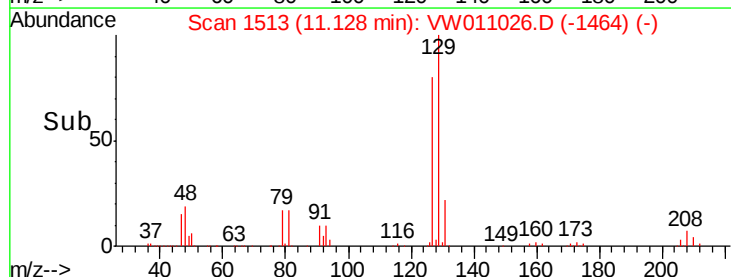
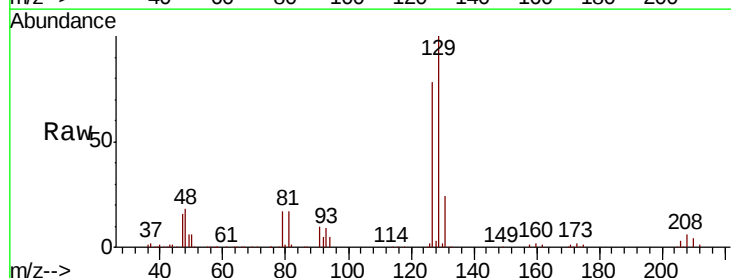
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

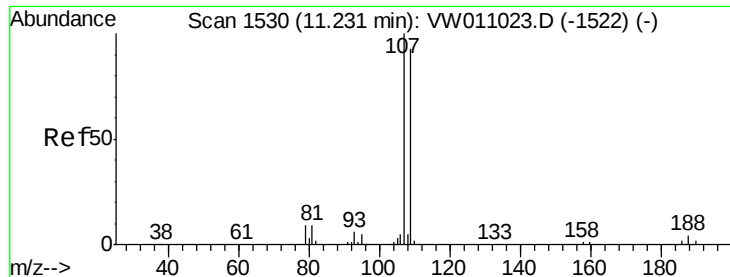
Tot Ion: 43 Resp: 442118
Ion Ratio Lower Upper
43 100
58 48.3 23.8 71.5



#60
Dibromochloromethane
Concen: 52.194 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 129 Resp: 107627
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.1

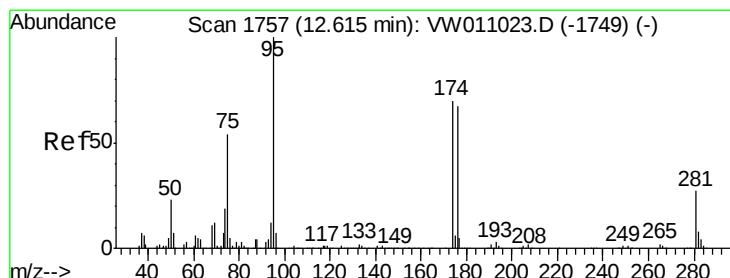
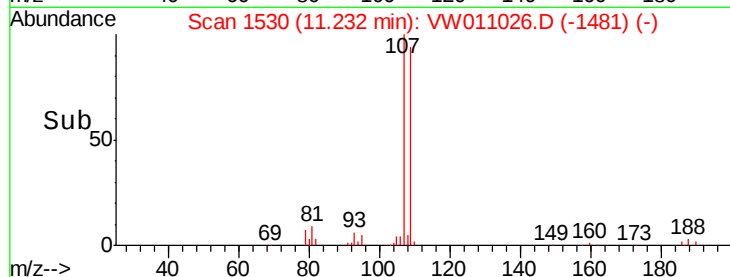
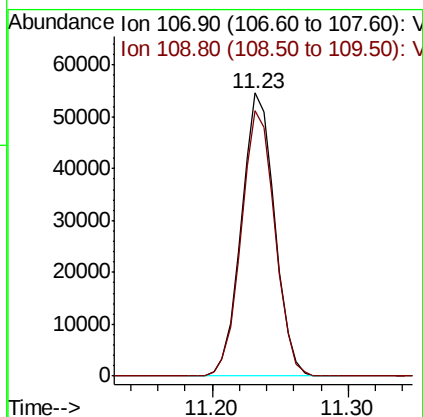
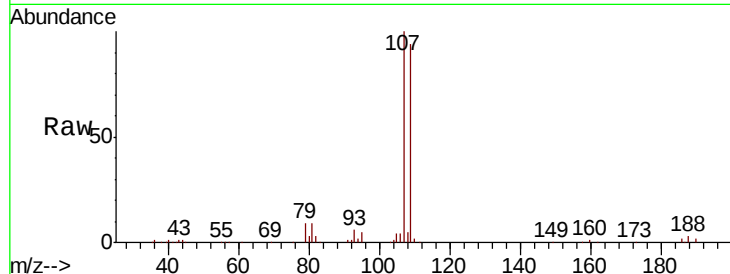




#61
 1,2-Dibromoethane
 Concen: 50.713 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

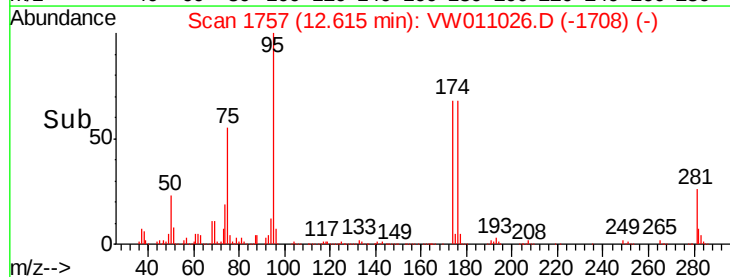
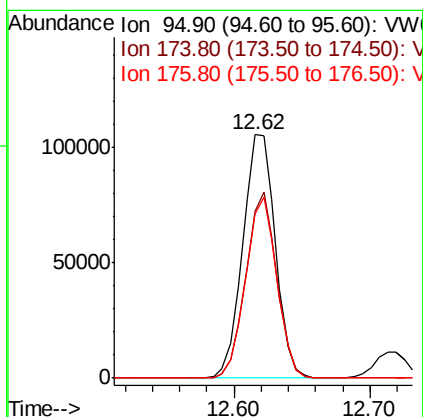
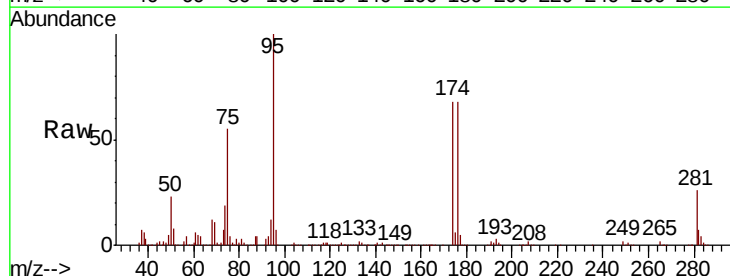
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

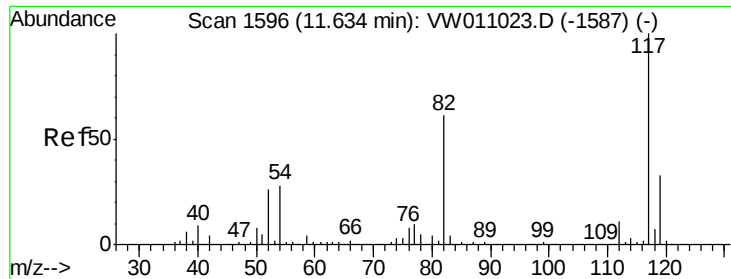
Tot Ion: 107 Resp: 93356
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 51.900 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 95 Resp: 176880
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 149.2
 176 71.2 0.0 143.6

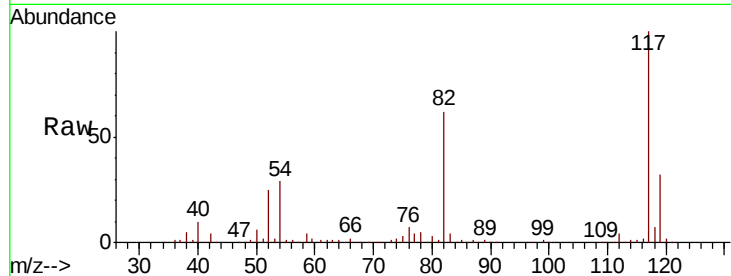




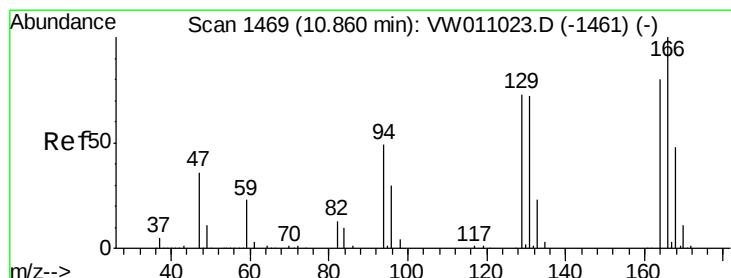
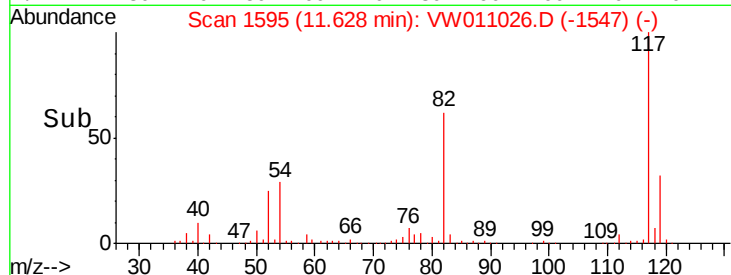
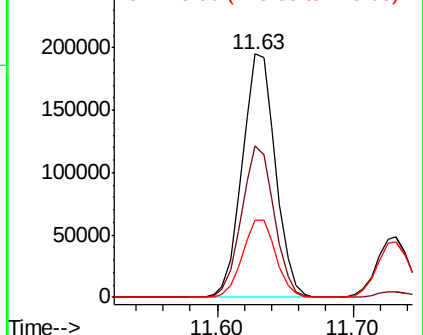
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion:117 Resp: 332142
Ion Ratio Lower Upper
117 100
82 62.2 48.6 73.0
119 31.8 26.1 39.1

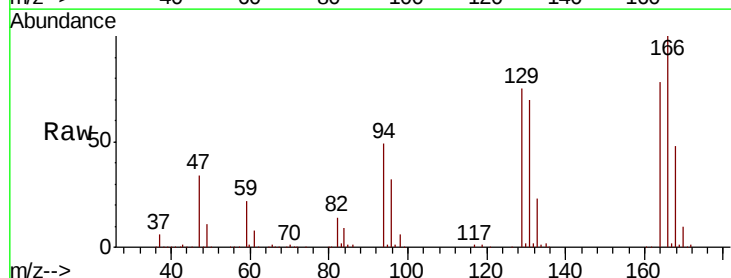


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

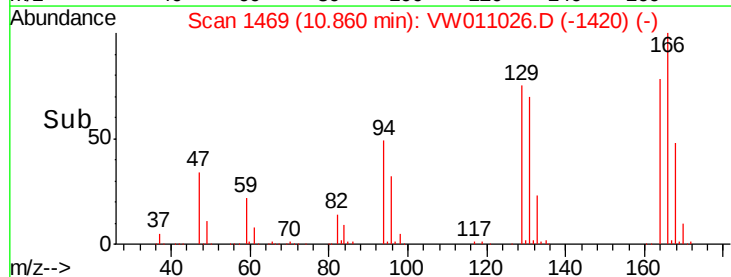
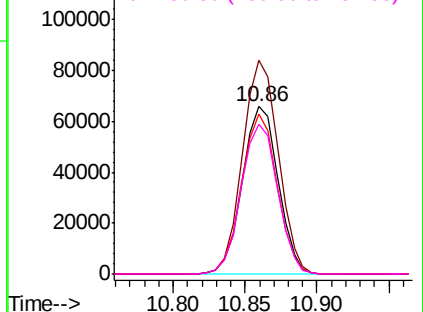


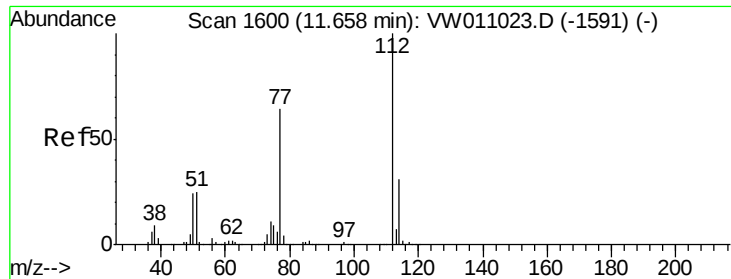
#64
Tetrachloroethene
Concen: 49.585 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:164 Resp: 113337
Ion Ratio Lower Upper
164 100
166 127.6 99.8 149.6
129 95.9 73.0 109.4
131 89.9 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

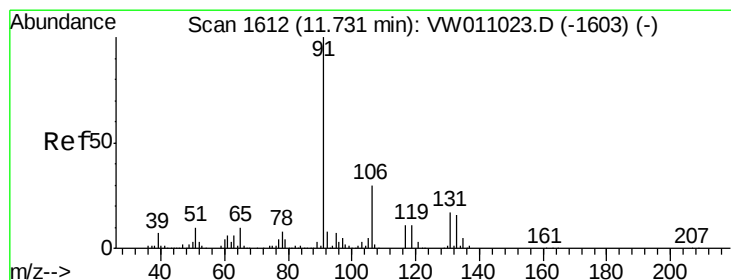
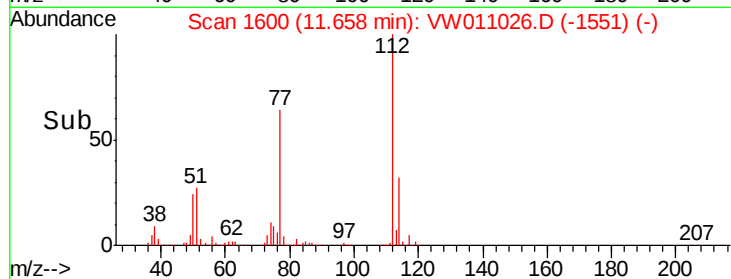
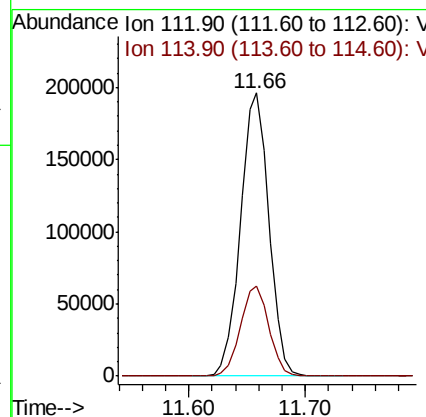
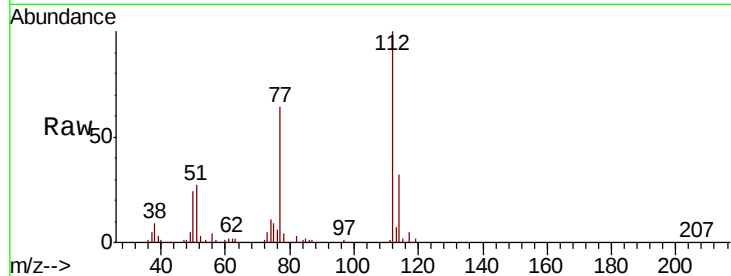




#65
Chlorobenzene
Concen: 48.960 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

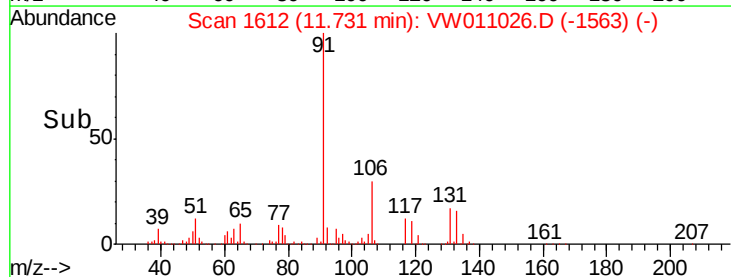
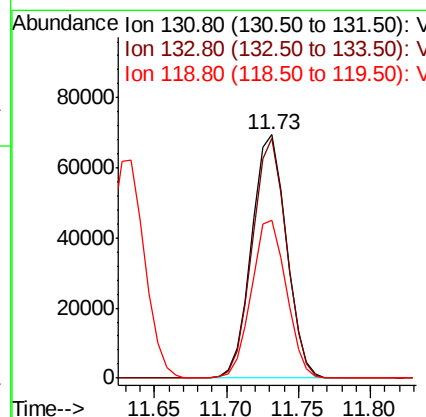
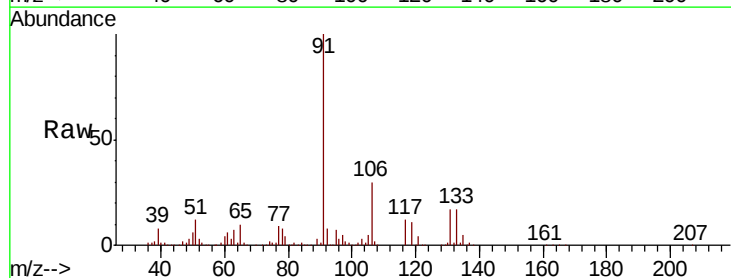
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

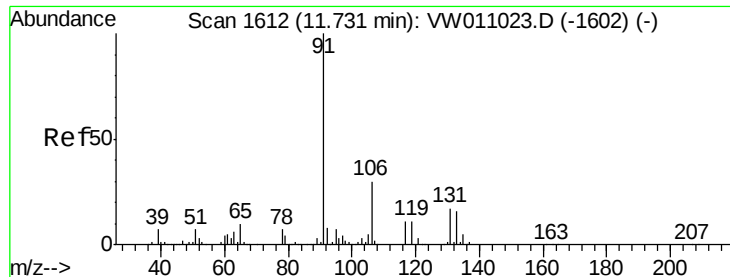
Tot Ion:112 Resp: 332877
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.258 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:131 Resp: 116014
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 65.0 33.1 99.2

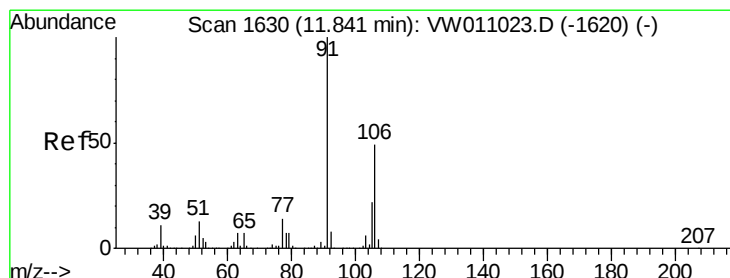
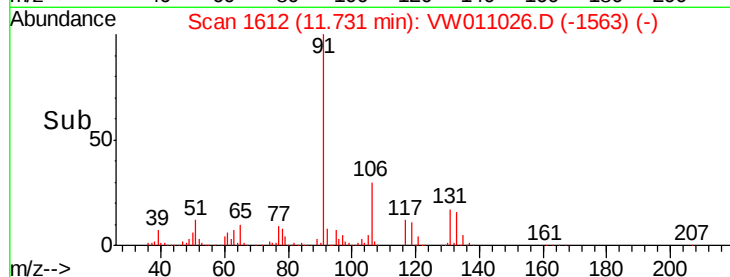
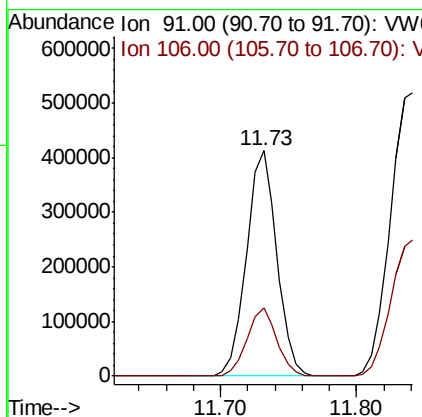
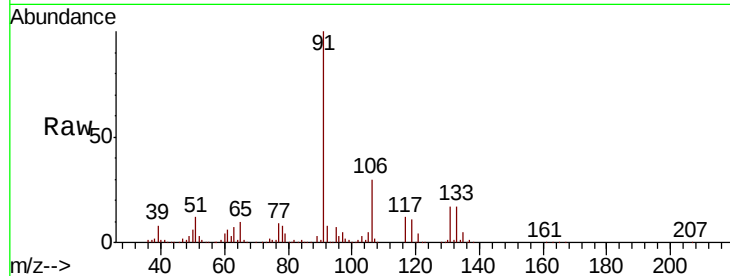




#67
Ethyl Benzene
Concen: 49.434 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

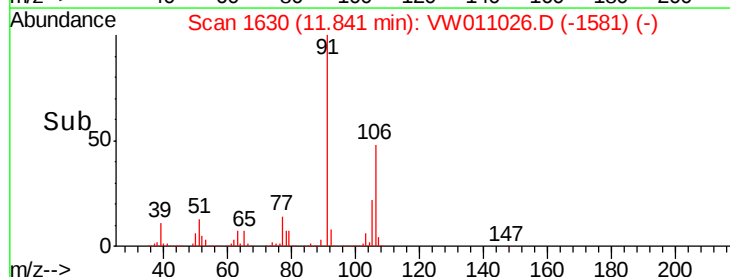
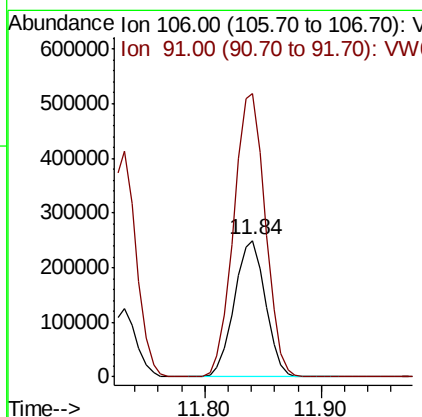
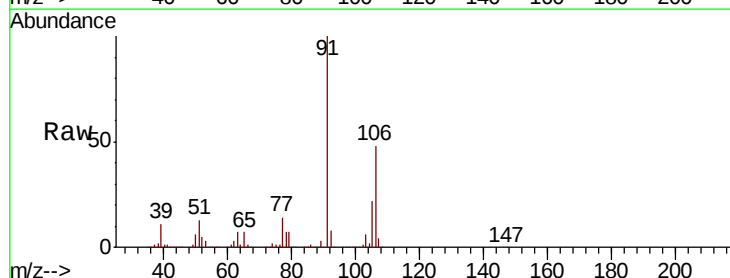
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

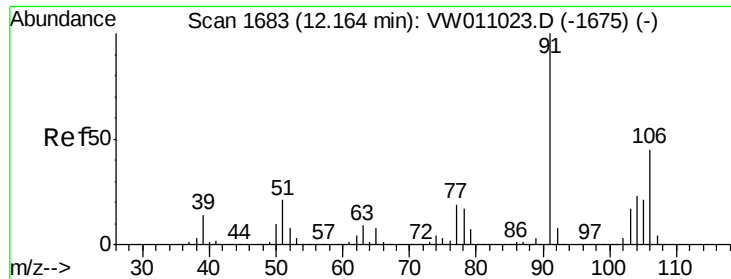
Tot Ion: 91 Resp: 643725
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 98.609 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion: 106 Resp: 465947
Ion Ratio Lower Upper
106 100
91 210.6 167.5 251.3

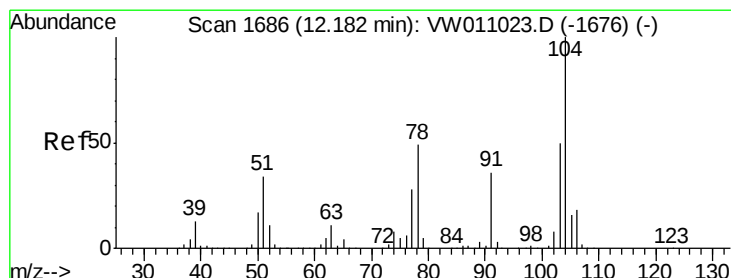
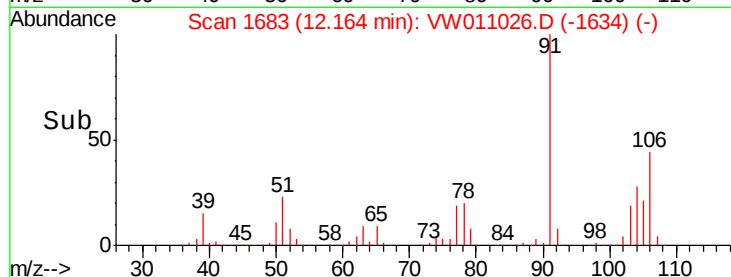
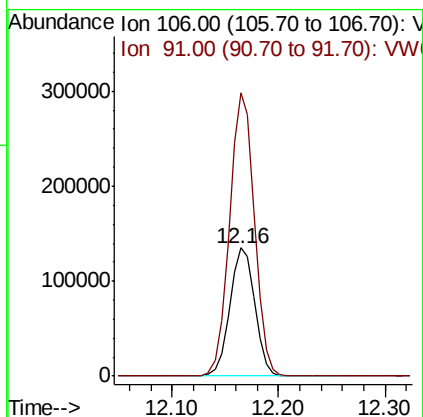
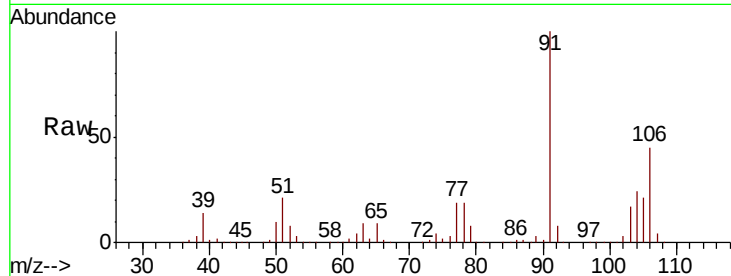




#69
o-Xylene
Concen: 50.493 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

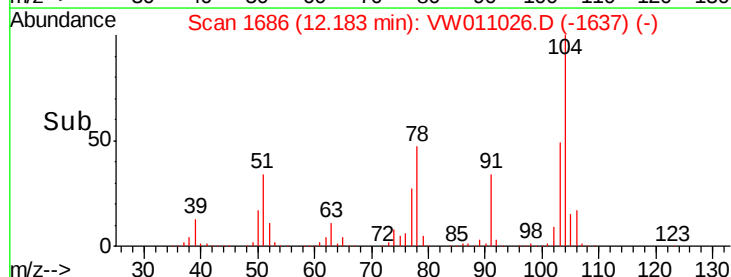
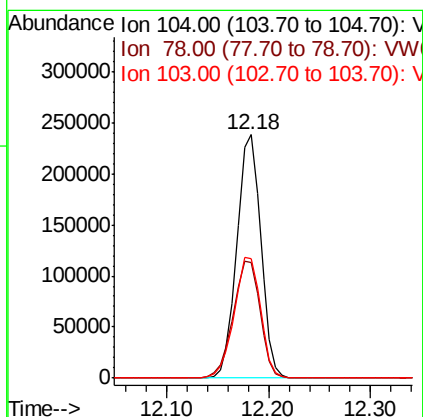
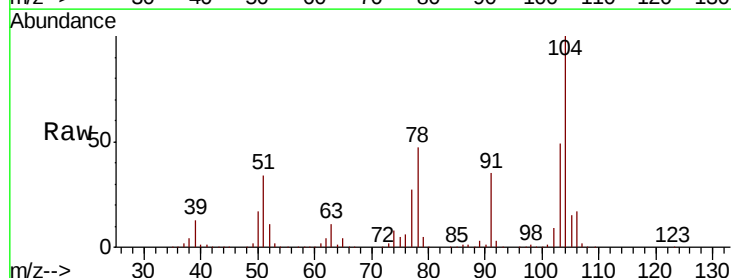
Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

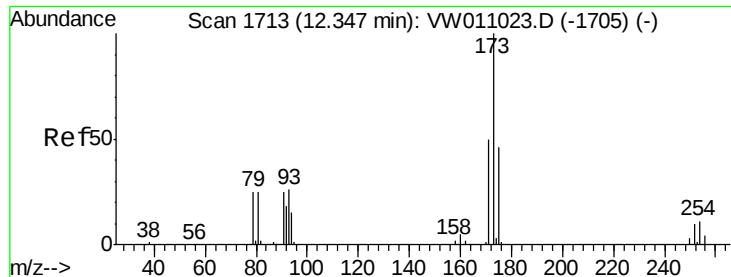
Tot Ion:106 Resp: 22232
Ion Ratio Lower Upper
106 100
91 219.4 110.8 332.3



#70
Styrene
Concen: 50.572 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:104 Resp: 386775
Ion Ratio Lower Upper
104 100
78 53.7 43.7 65.5
103 54.6 43.9 65.9





#71

Bromoform

Concen: 52.723 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

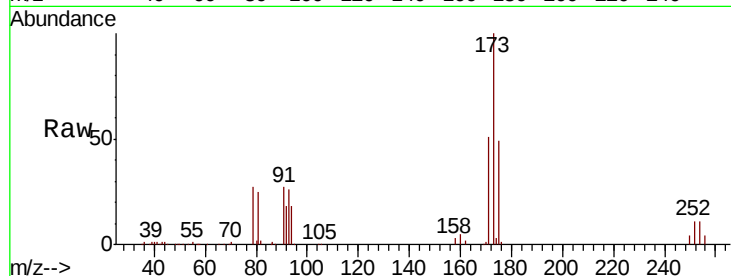
Tot Ion:173 Resp: 59332

Ion Ratio Lower Upper

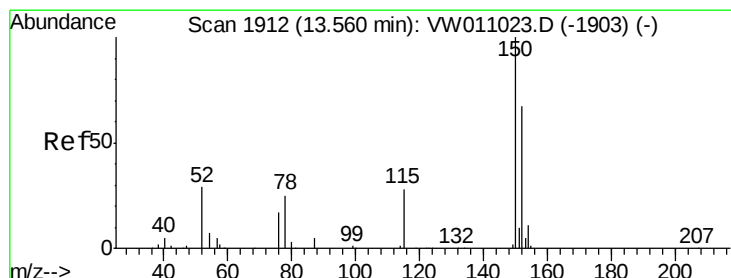
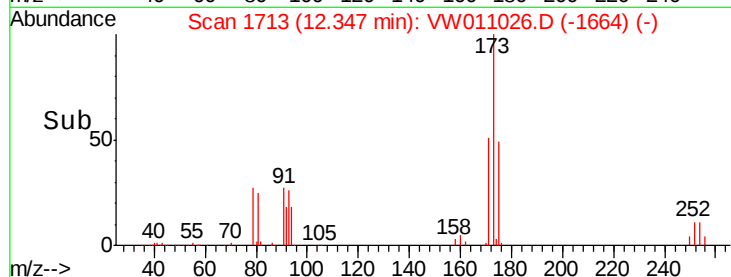
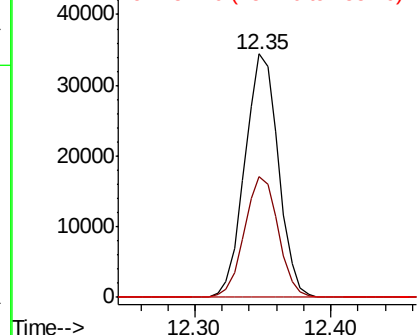
173 100

175 49.7 24.1 72.2

254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

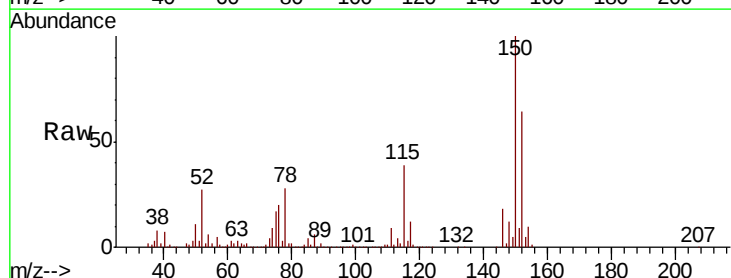
Tgt Ion:152 Resp: 163353

Ion Ratio Lower Upper

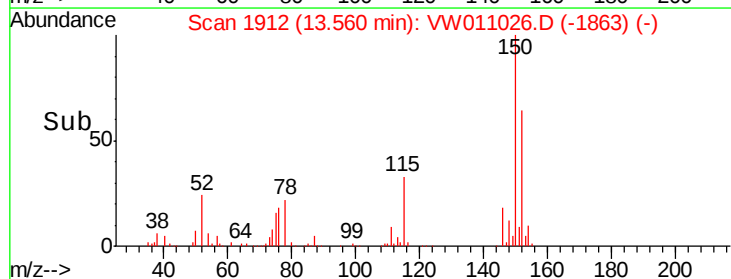
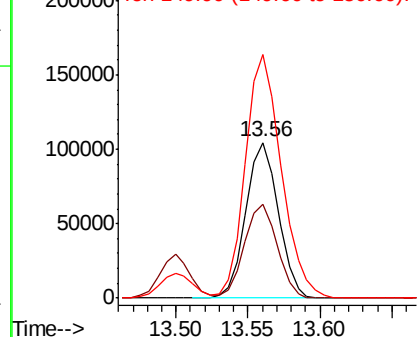
152 100

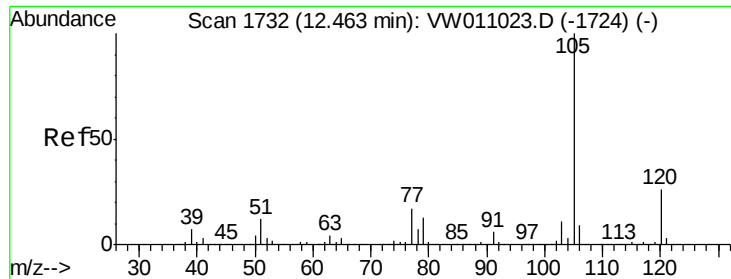
115 61.3 30.7 92.1

150 173.2 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: 49.871 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

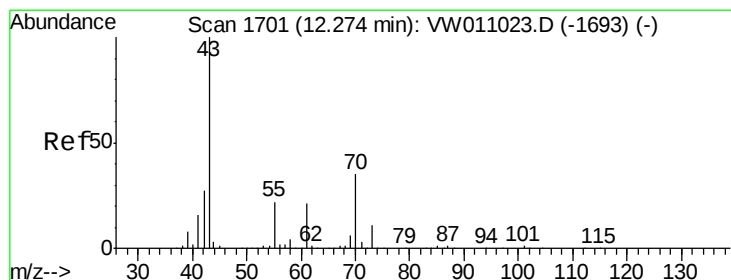
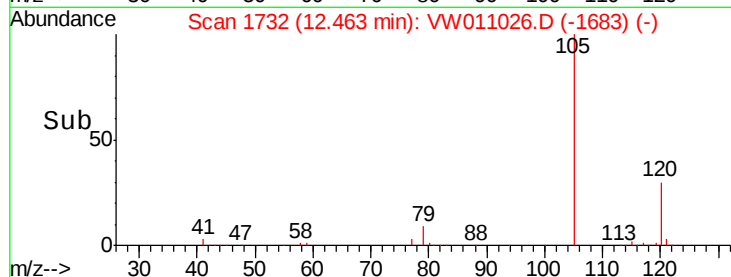
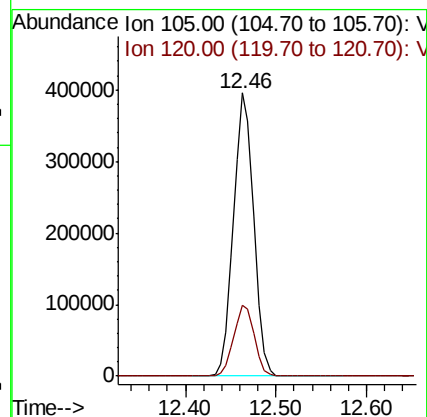
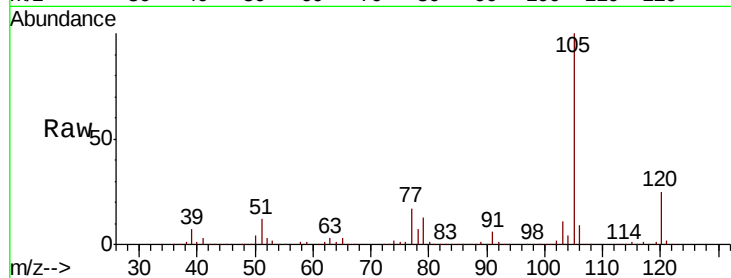
ICVW062819

Tot Ion:105 Resp: 610302

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 54.417 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Tgt Ion: 43 Resp: 223643

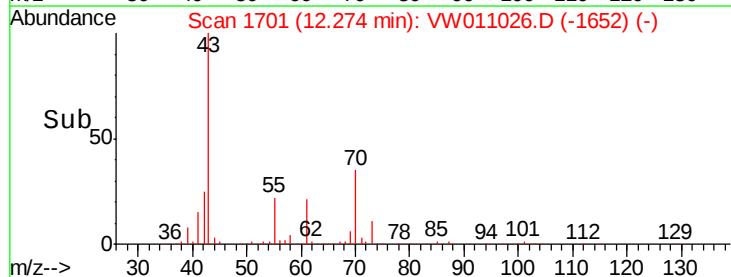
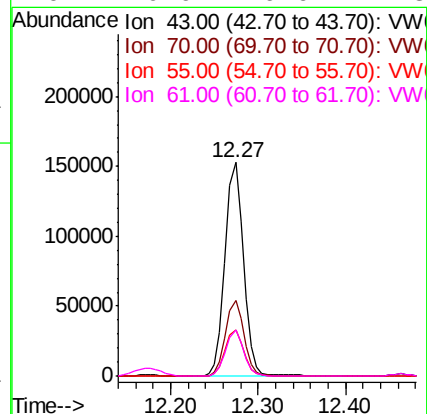
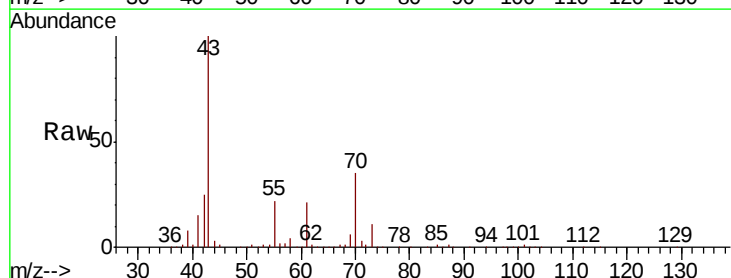
Ion Ratio Lower Upper

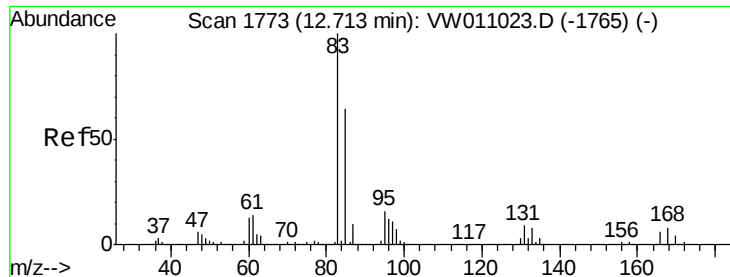
43 100

70 35.5 28.2 42.4

55 22.0 17.8 26.8

61 20.9 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.545 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

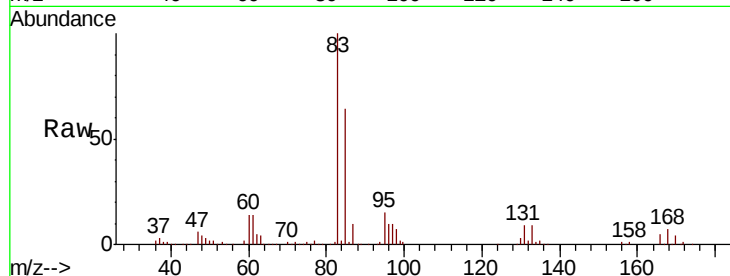
Tot Ion: 83 Resp: 121466

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

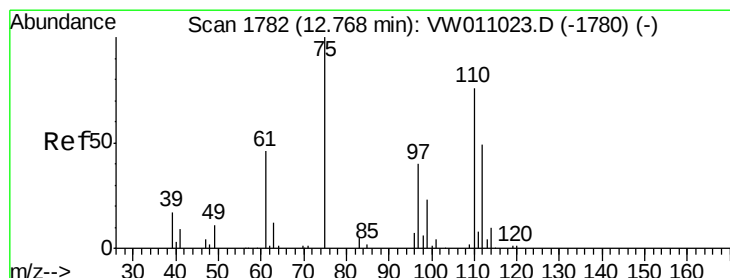
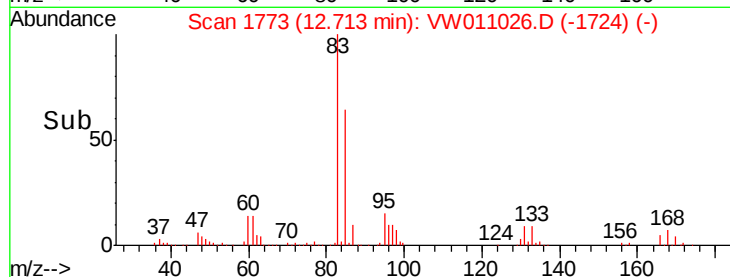
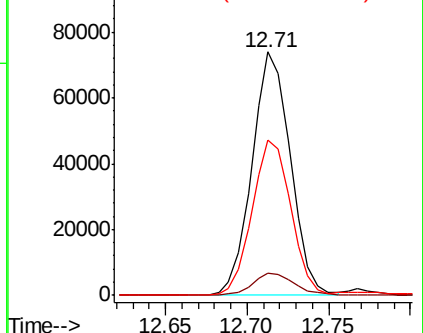
85 64.6 31.8 95.4



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: 93.730 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011026.D

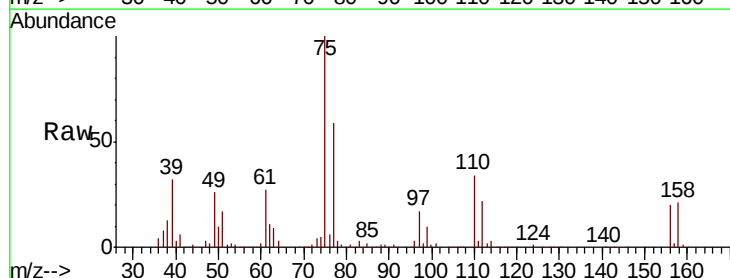
Acq: 27 Jun 2019 18:37

Tgt Ion: 75 Resp: 161646

Ion Ratio Lower Upper

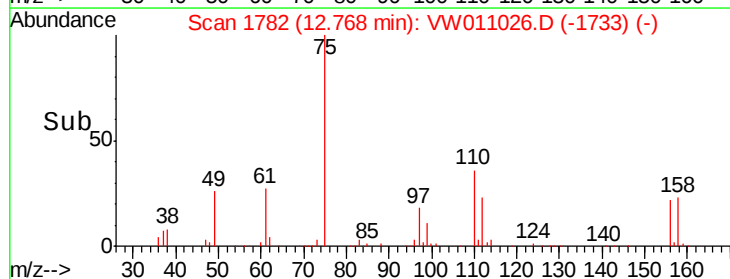
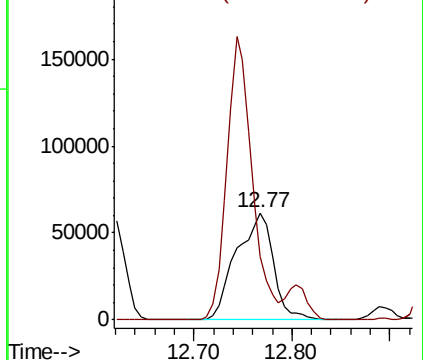
75 100

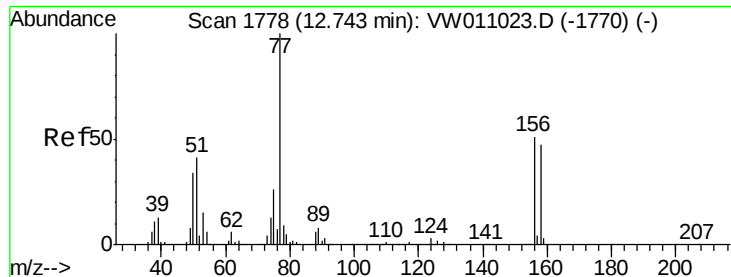
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

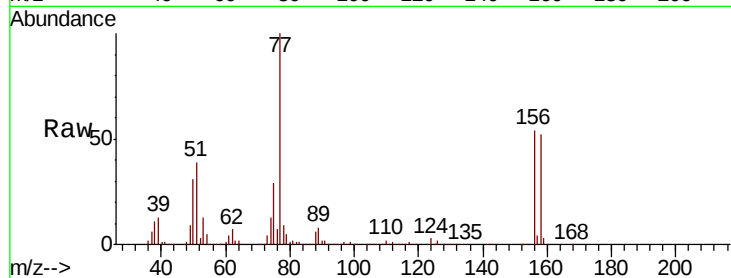
Tot Ion:156 Resp: 135017

Ion Ratio Lower Upper

156 100

77 216.7 109.5 328.5

158 96.0 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

200000

150000

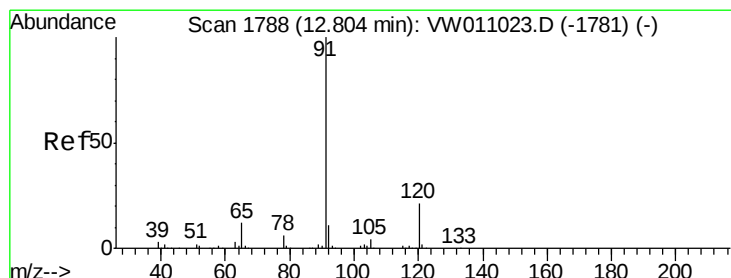
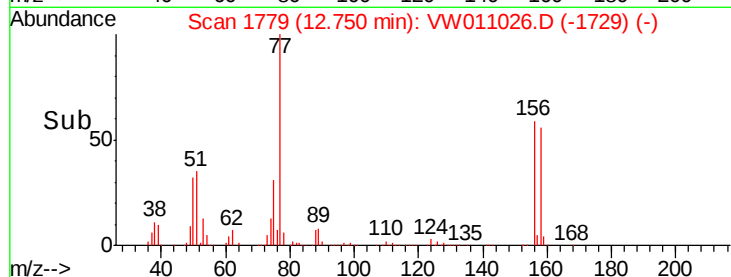
100000

50000

0

12.70 12.75 12.80

Time-->



#78

n-propylbenzene

Concen: 49.806 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011026.D

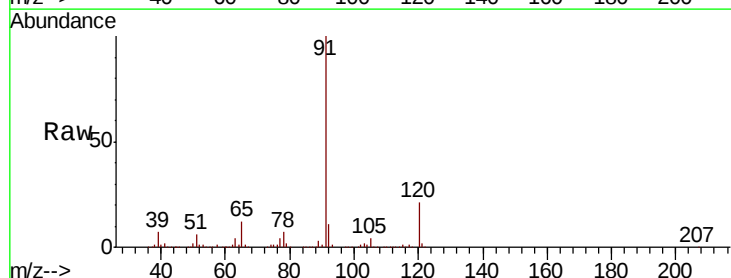
Acq: 27 Jun 2019 18:37

Tgt Ion: 91 Resp: 754771

Ion Ratio Lower Upper

91 100

120 21.5 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

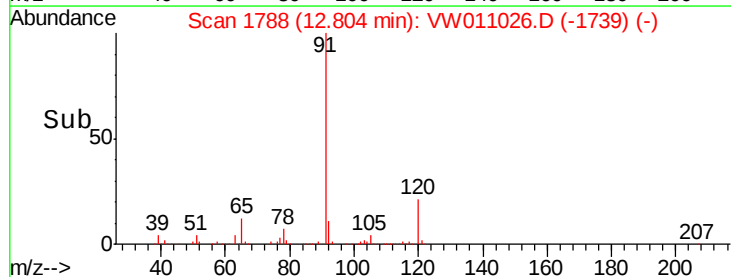
200000

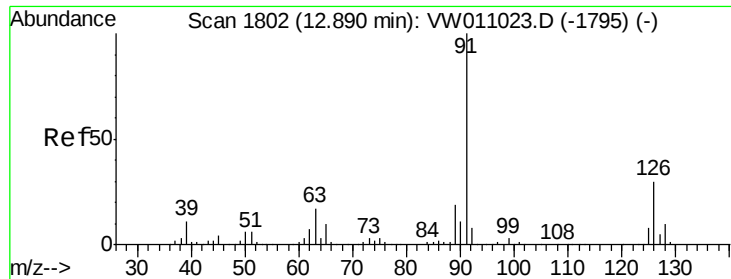
100000

0

12.75 12.80 12.85

Time-->

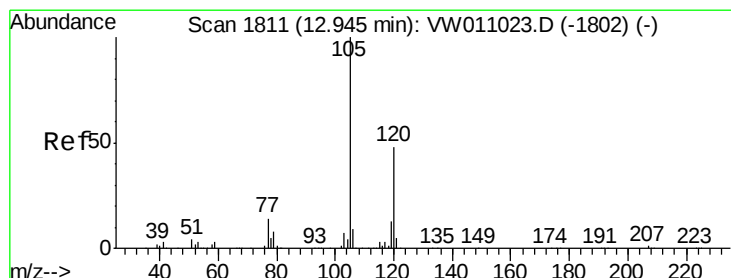
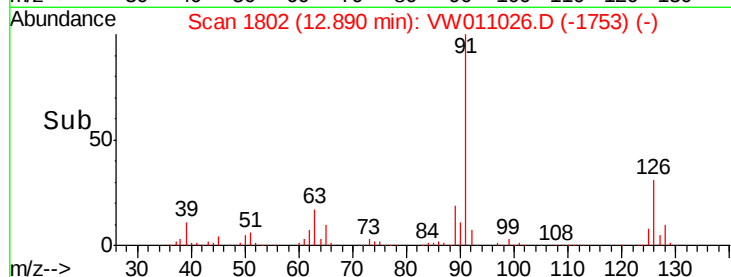
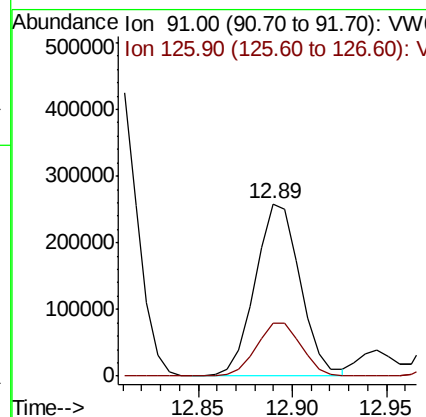
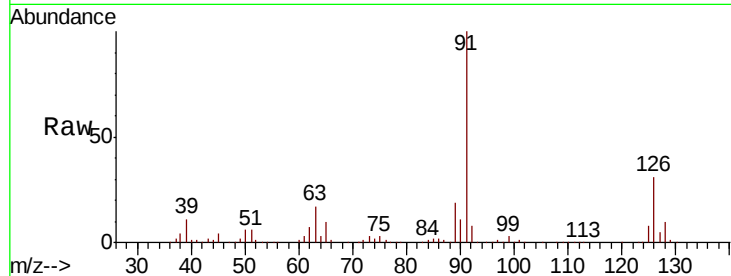




#79
 2-Chlorotoluene
 Concen: 49.383 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

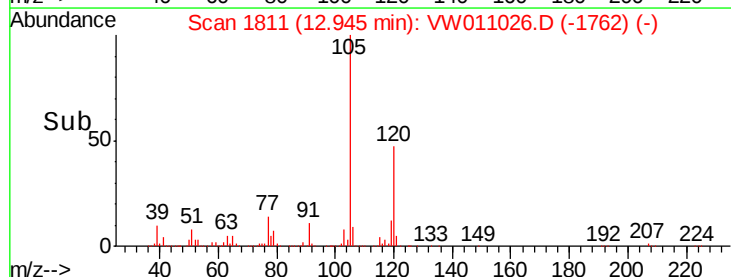
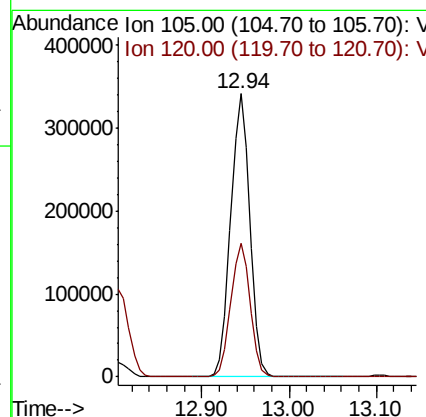
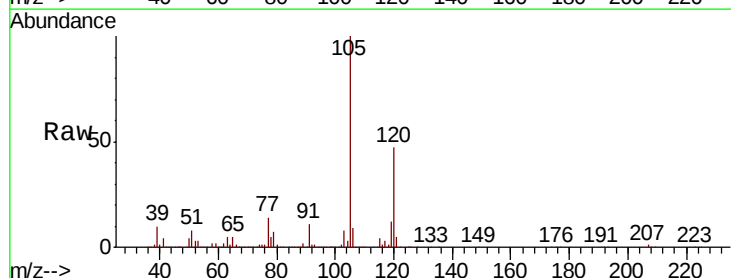
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

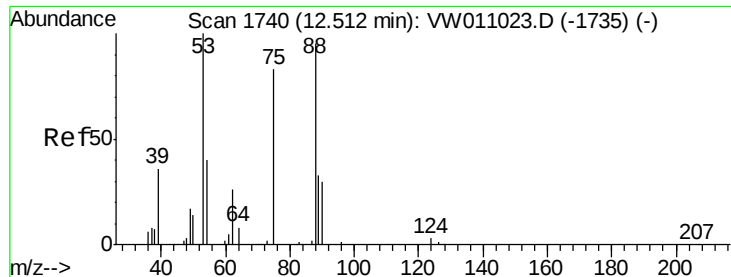
Tot Ion: 91 Resp: 427547
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.4 46.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.188 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion: 105 Resp: 520558
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 48.646 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

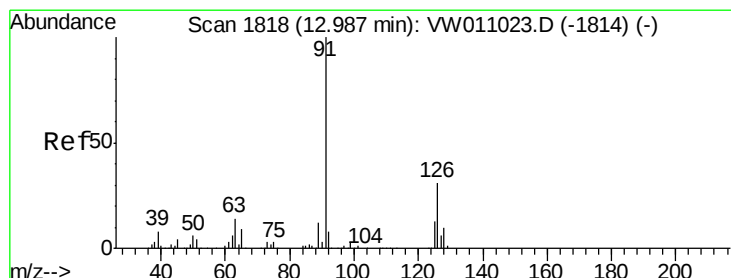
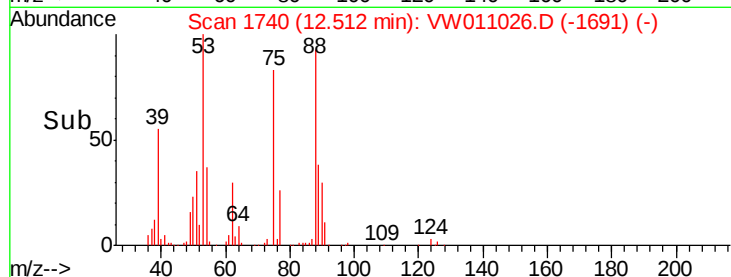
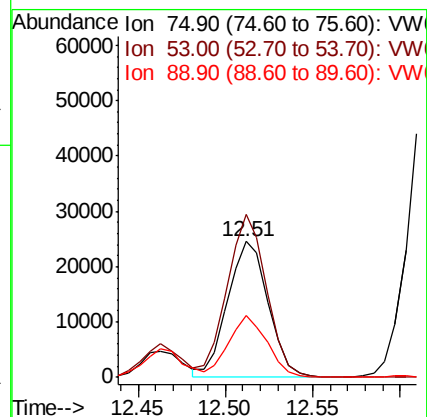
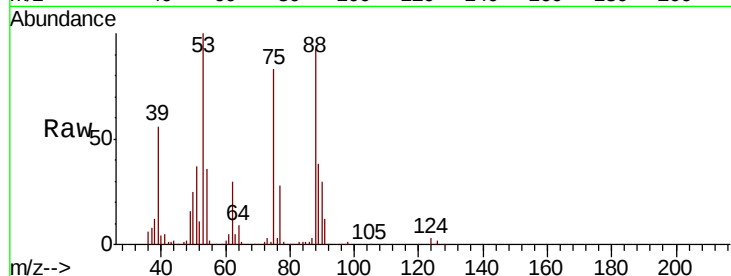
Tot Ion: 75 Resp: 39331

Ion Ratio Lower Upper

75 100

53 117.2 95.6 143.4

89 43.3 34.4 51.6



#82

4-Chlorotoluene

Concen: 49.075 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011026.D

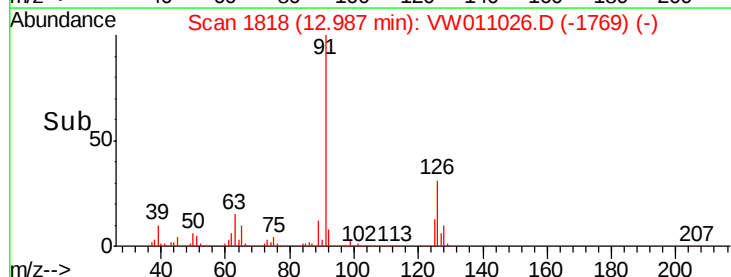
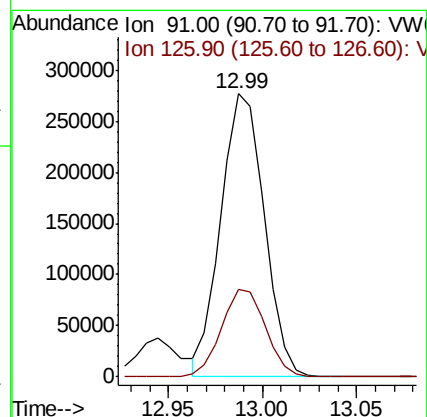
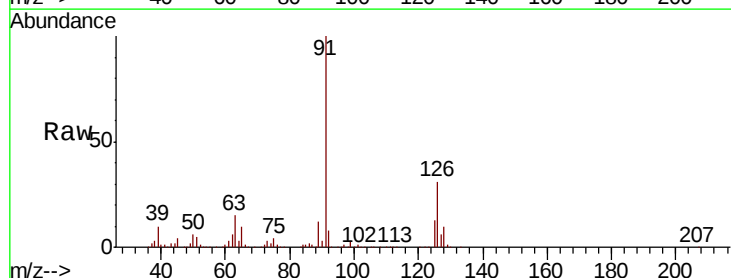
Acq: 27 Jun 2019 18:37

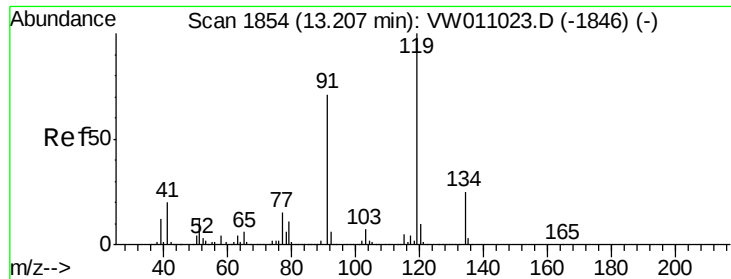
Tgt Ion: 91 Resp: 442766

Ion Ratio Lower Upper

91 100

126 31.6 15.7 47.1

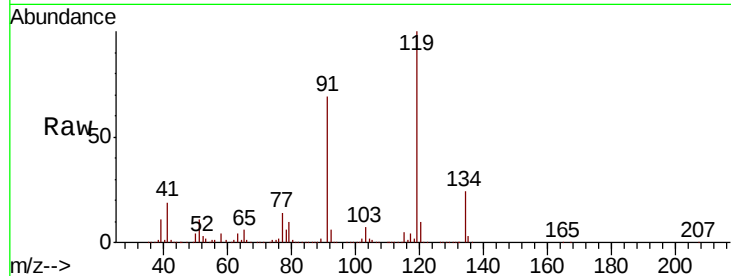




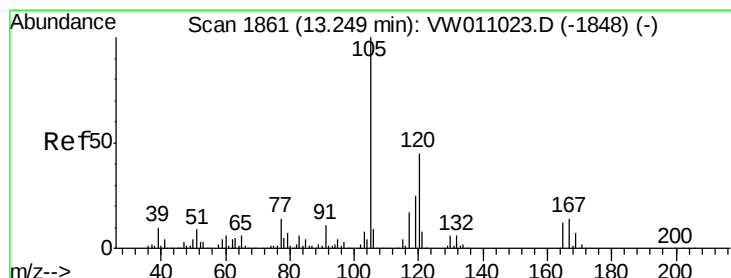
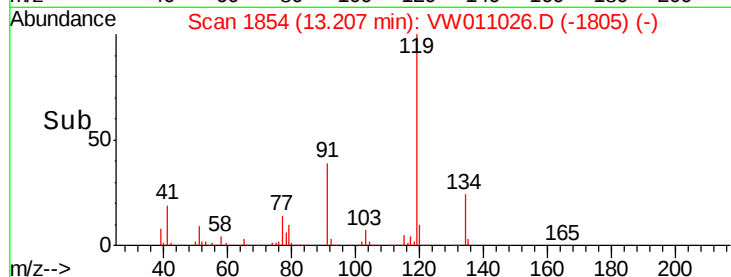
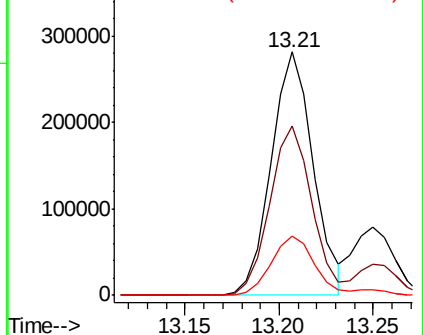
#83
tert-Butylbenzene
Concen: 50.308 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion:119 Resp: 435129
Ion Ratio Lower Upper
119 100
91 69.4 35.5 106.5
134 25.1 12.4 37.2

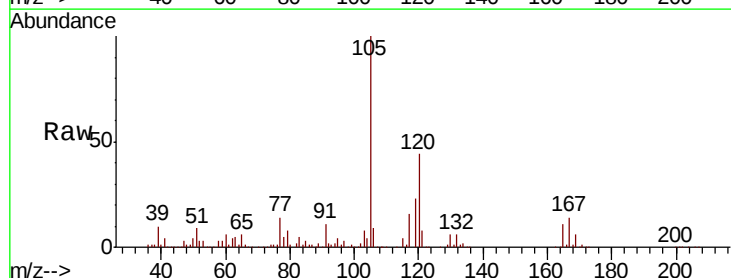


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

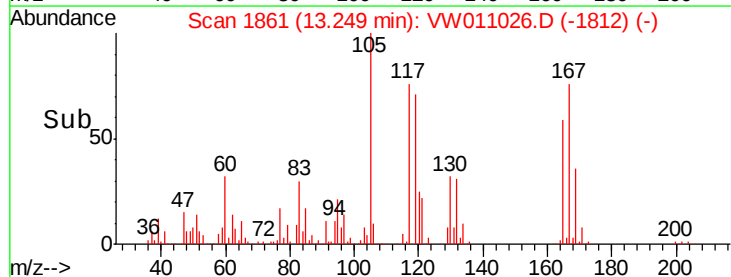
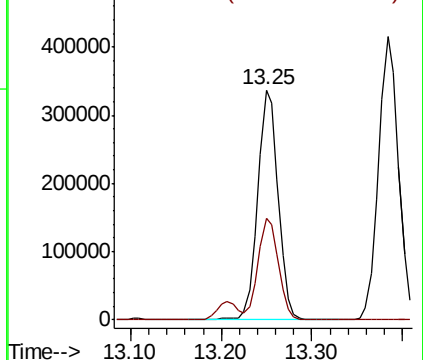


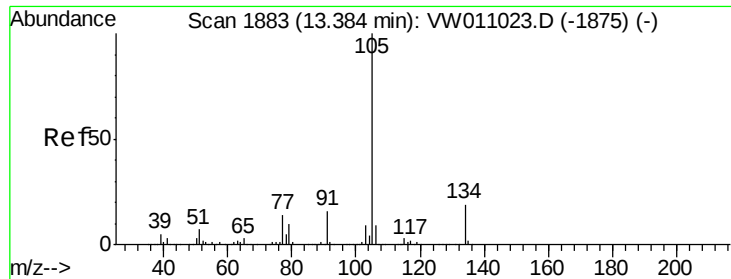
#84
1,2,4-Trimethylbenzene
Concen: 49.869 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:105 Resp: 522816
Ion Ratio Lower Upper
105 100
120 44.1 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: 50.195 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

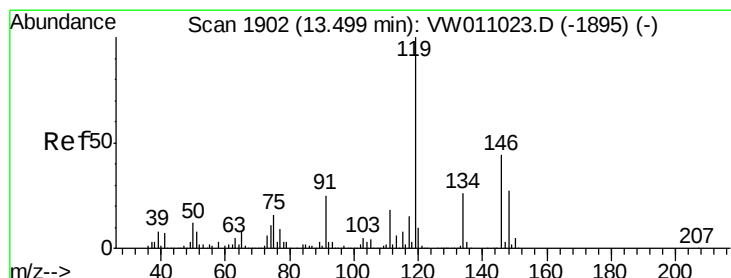
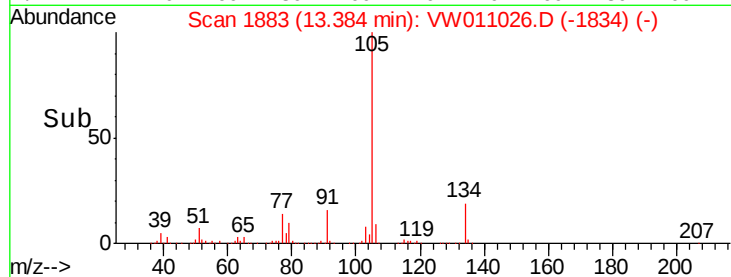
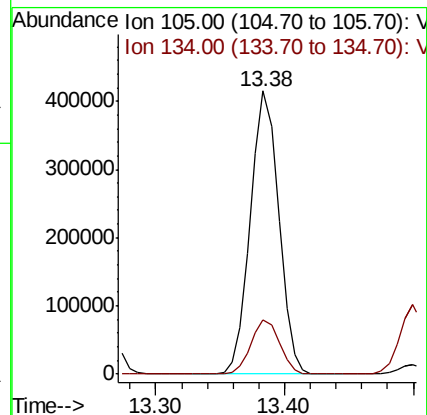
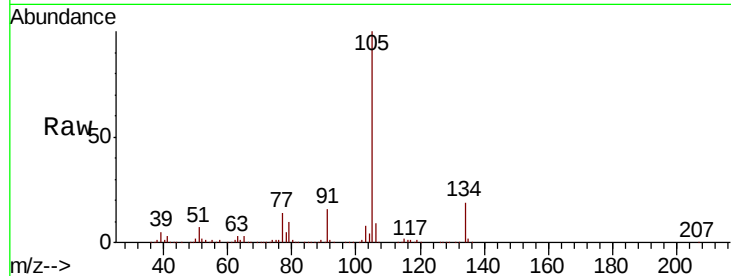
ICVW062819

Tot Ion:105 Resp: 630698

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 50.169 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

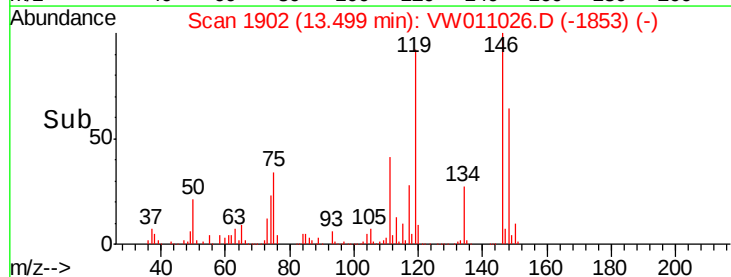
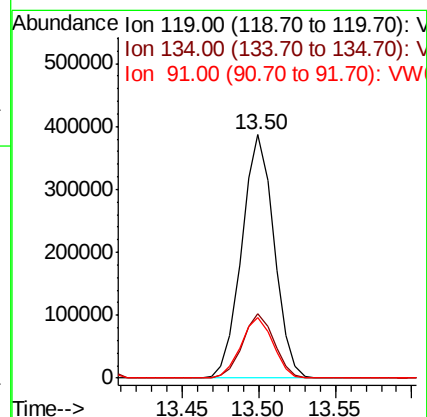
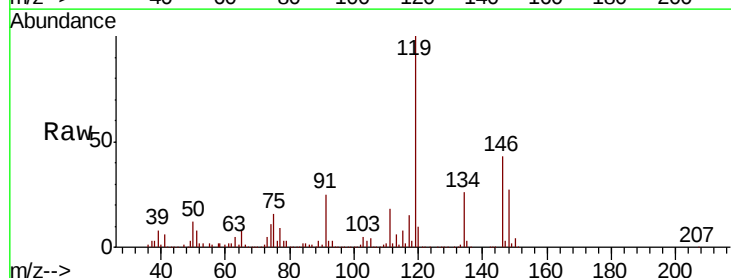
Tgt Ion:119 Resp: 567256

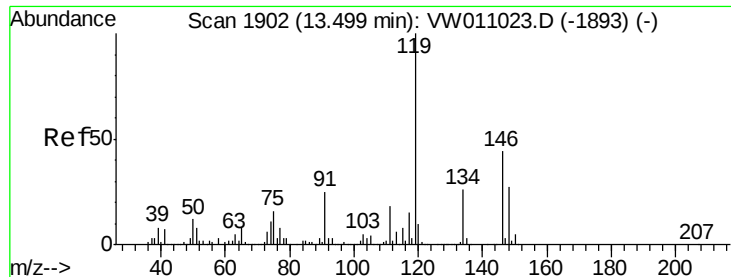
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.7 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.307 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

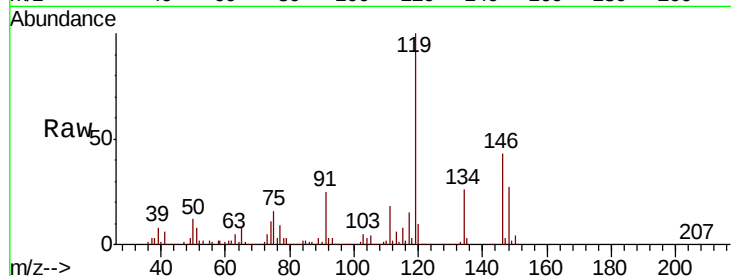
Tot Ion:146 Resp: 262346

Ion Ratio Lower Upper

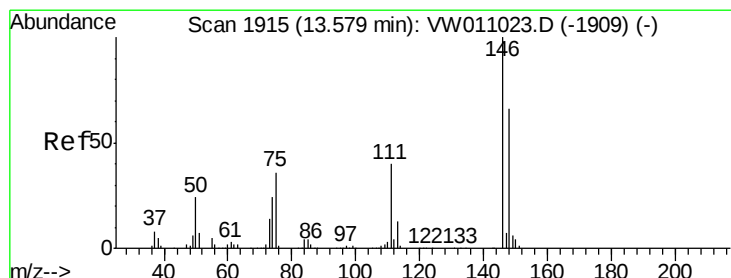
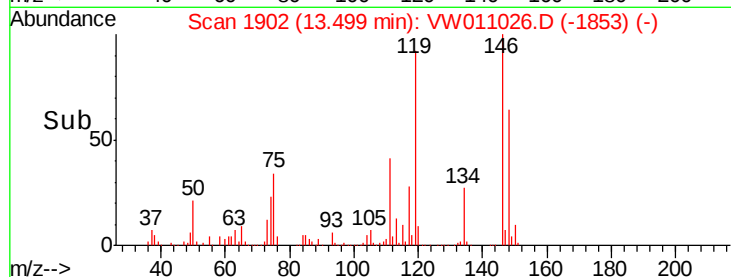
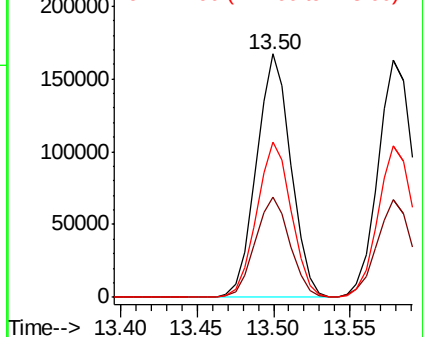
146 100

111 41.3 20.9 62.8

148 64.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.961 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

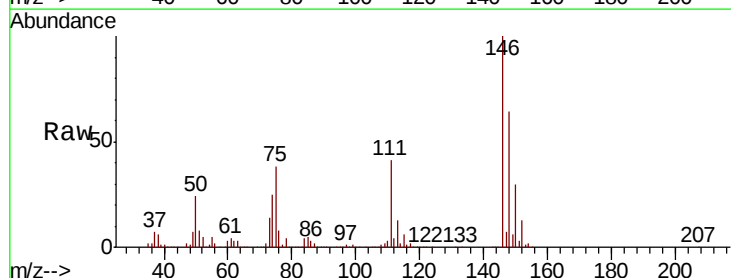
Tgt Ion:146 Resp: 260048

Ion Ratio Lower Upper

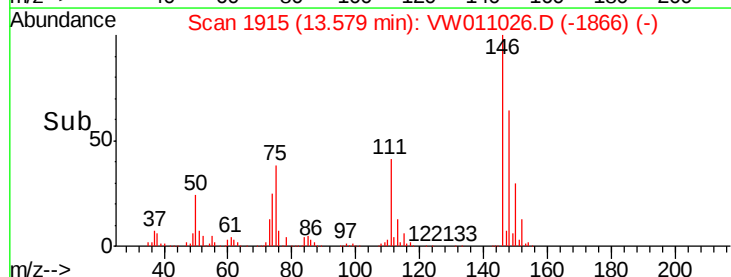
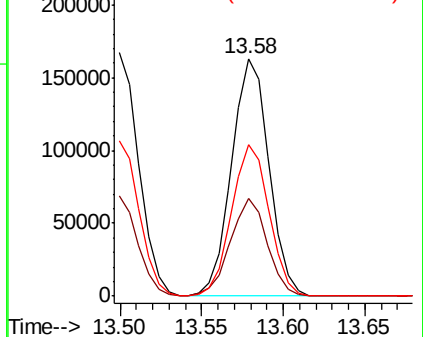
146 100

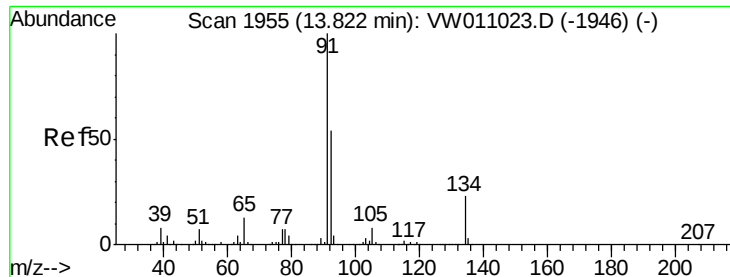
111 40.5 20.6 61.9

148 63.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.377 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011026.D

Acq: 27 Jun 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

ICVW062819

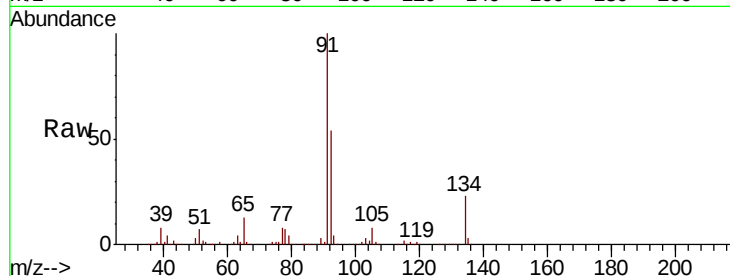
Tot Ion: 91 Resp: 578950

Ion Ratio Lower Upper

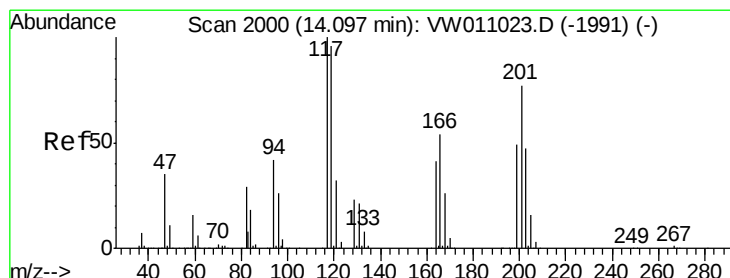
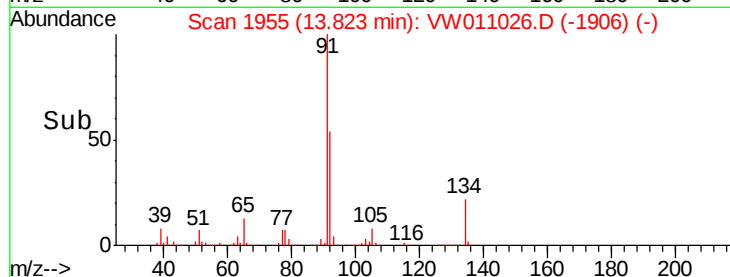
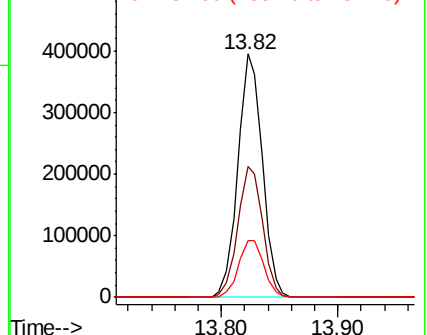
91 100

92 54.5 27.1 81.2

134 24.1 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: 50.966 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011026.D

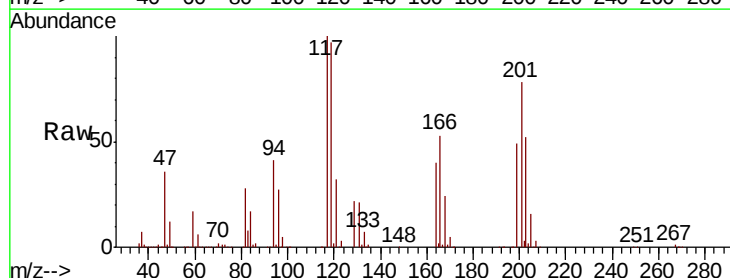
Acq: 27 Jun 2019 18:37

Tgt Ion: 117 Resp: 98601

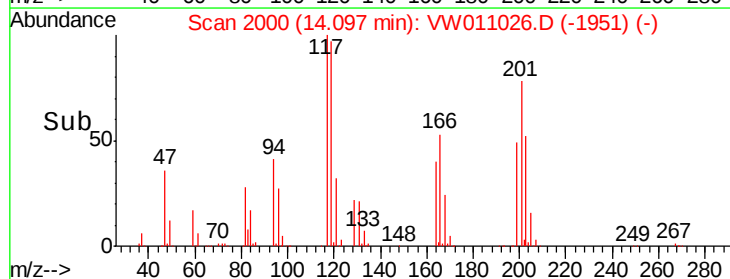
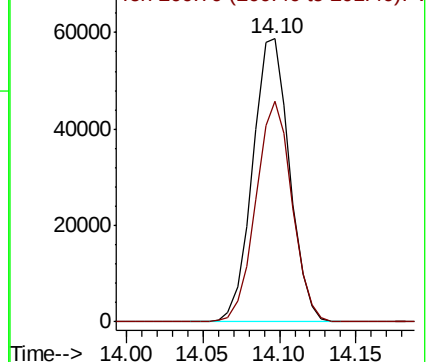
Ion Ratio Lower Upper

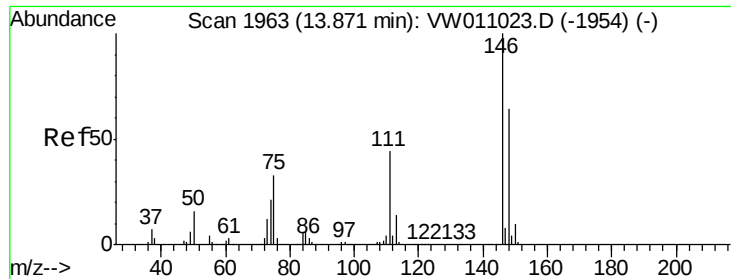
117 100

201 76.4 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

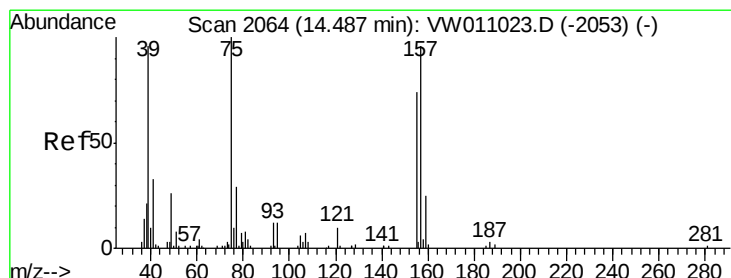
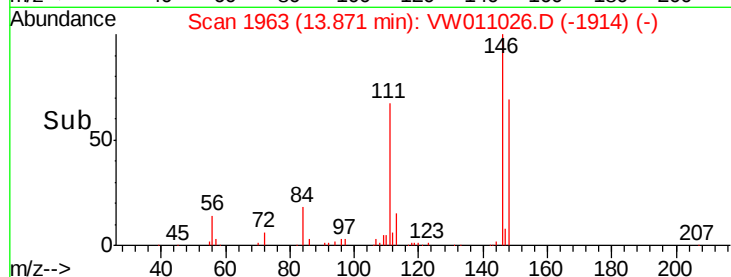
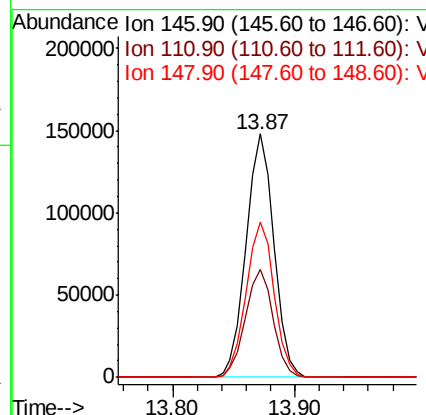
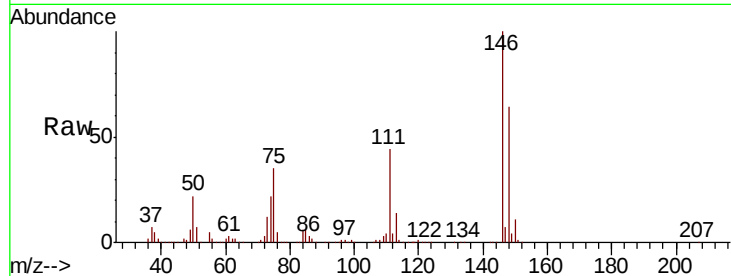




#91
 1,2-Dichlorobenzene
 Concen: 48.935 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

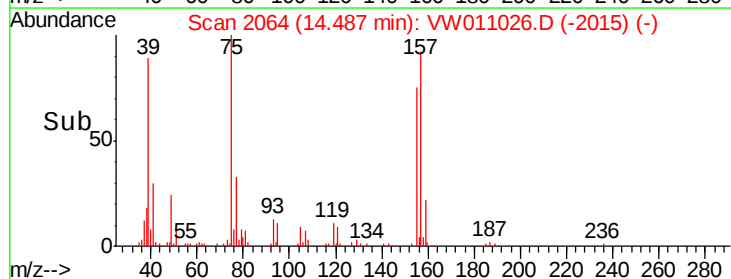
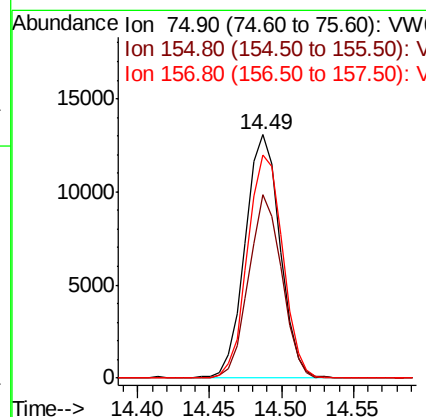
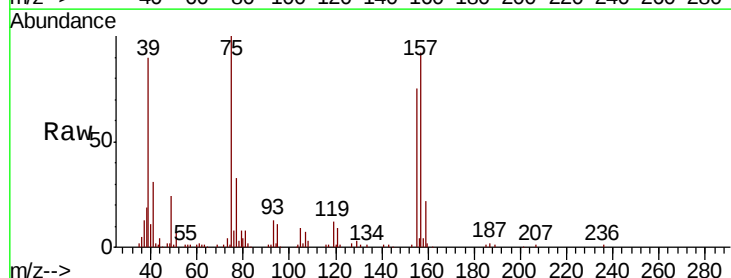
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

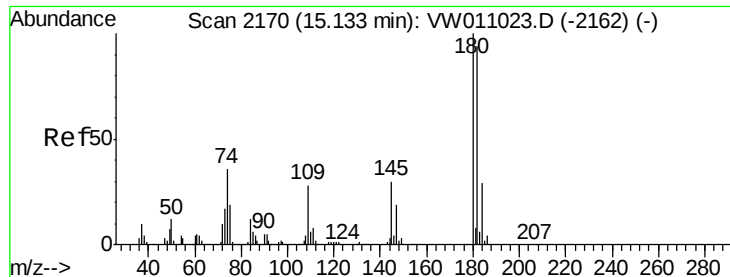
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	64.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.780 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	37.0	110.9
157	91.9	45.9	137.7

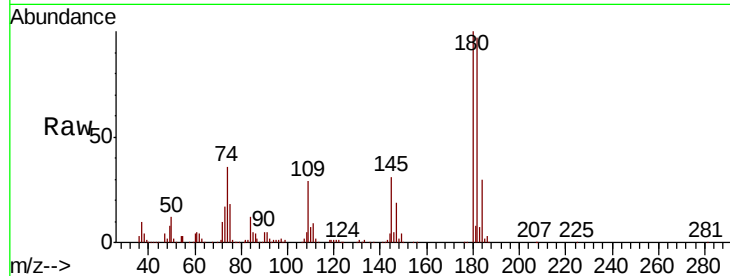




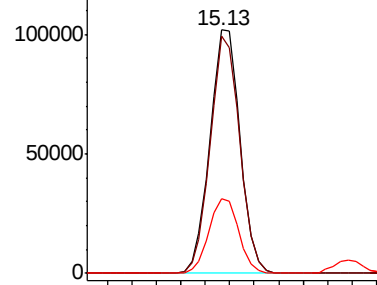
#93
 1,2,4-Trichlorobenzene
 Concen: 51.583 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062819

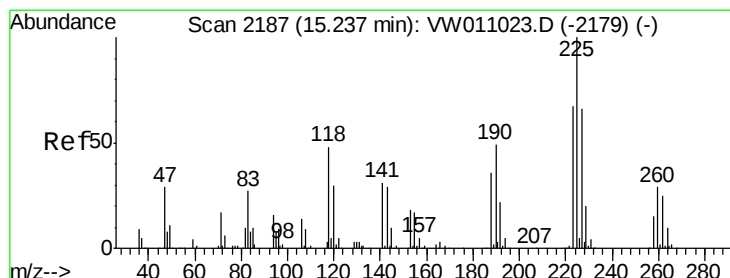
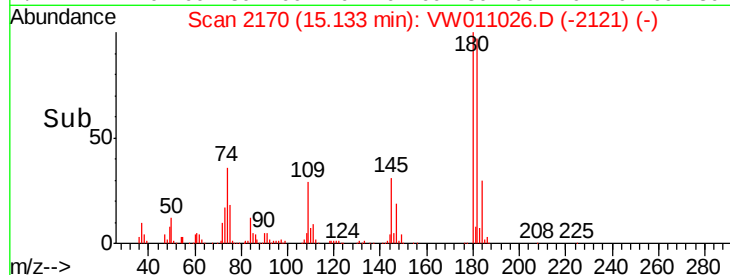
Tot Ion:180 Resp: 173435
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 30.6 15.3 45.8



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

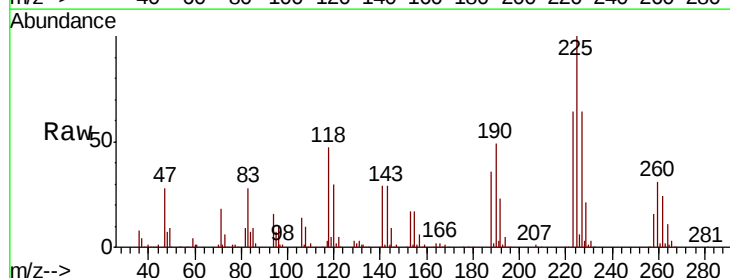


Time-->

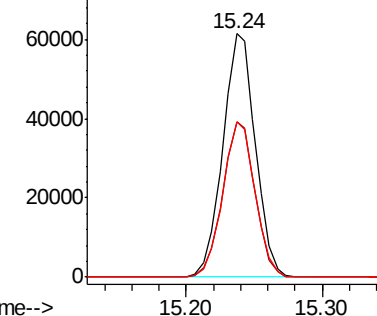


#94
 Hexachlorobutadiene
 Concen: 50.447 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011026.D
 Acq: 27 Jun 2019 18:37

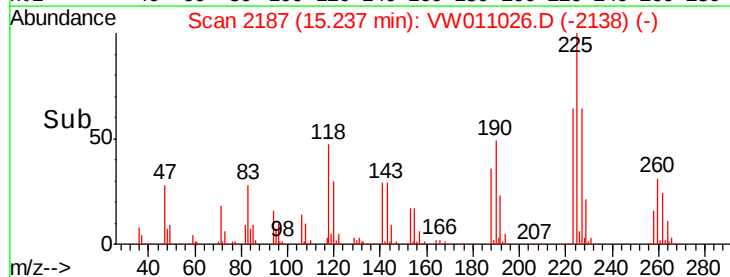
Tgt Ion:225 Resp: 102876
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.9
 227 63.2 31.9 95.9

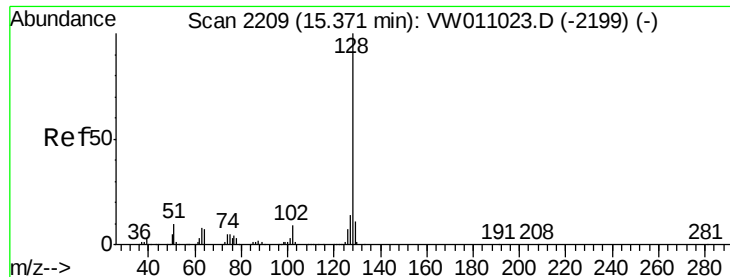


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

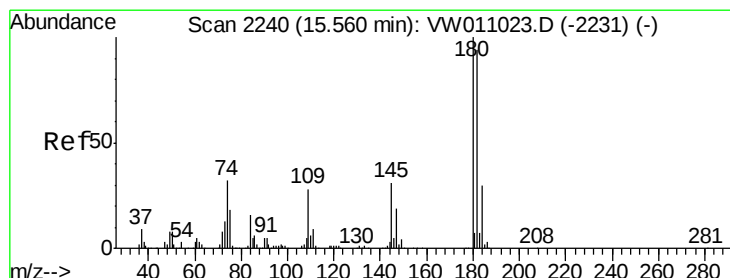
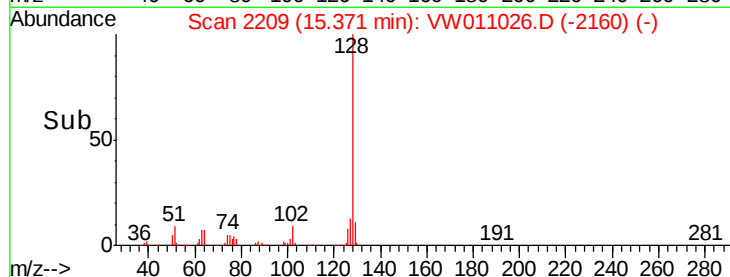
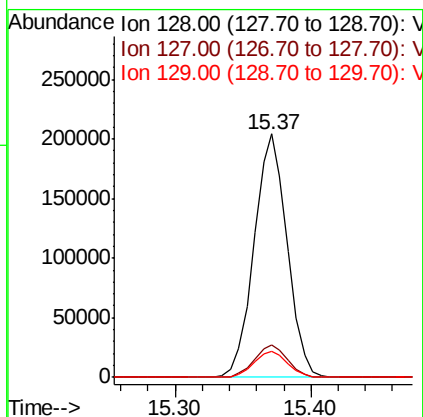
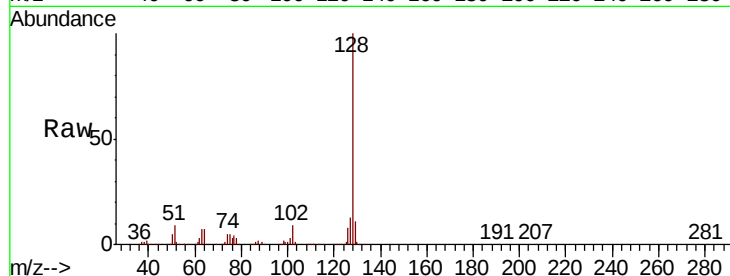




#95
Naphthalene
Concen: 55.023 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
ICVW062819

Tot Ion:128 Resp: 347510
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.551 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011026.D
Acq: 27 Jun 2019 18:37

Tgt Ion:180 Resp: 154770
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 32.3 16.1 48.2

